Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO092823\
Data File : PO098382.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Sep 2023 21:33
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 29 00:54:30 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO092723.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Sep 28 01:18:56 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	4.485	3.638	99966385	41516728	52.061	53.304	
2)	SA Decachlor...	10.301	8.649	63816033	28617434	52.573	53.414	
	Target Compounds							
3)	L1 AR-1016-1	5.660	4.722	28846643	12944171	533.765	542.318	
4)	L1 AR-1016-2	5.683	4.741	42699762	18065228	525.937	530.539	
5)	L1 AR-1016-3	5.745	4.916	26679112	10031346	533.231	557.650	
6)	L1 AR-1016-4	5.843	4.959	20831517	8368522	532.753	558.225	
7)	L1 AR-1016-5	6.140	5.172	21654178	10713815	526.598	551.678	
8)	L2 AR-1221-1	4.692	3.851	4071850	1671078	180.847	181.884	
9)	L2 AR-1221-2	4.782	3.937	5335123	2268507	316.194	341.155	
10)	L2 AR-1221-3	4.858	4.013	18081266	7840401	369.700	388.667	
11)	L3 AR-1232-1	4.858	4.013	18081266	7840401	442.659	466.468	
12)	L3 AR-1232-2	5.390	4.741	26691864	18065228	1234.140	1202.227	
13)	L3 AR-1232-3	5.683	4.916	42699762	10031346	1201.171	1281.694	
14)	L3 AR-1232-4	5.843	5.000	20831517	10271713	1227.066	1366.077	
15)	L3 AR-1232-5	5.935	5.172	19124601	10713815	1343.227	1324.373	
16)	L4 AR-1242-1	5.660	4.722	28846643	12944171	633.482	618.277	
17)	L4 AR-1242-2	5.683	4.741	42699762	18065228	623.445	621.291	
18)	L4 AR-1242-3	5.745	4.916	26679112	10031346	630.024	641.879	
19)	L4 AR-1242-4	5.843	5.000	20831517	10271713	634.889	620.184	
20)	L4 AR-1242-5	6.584	5.524	5717247	10072515	161.407	542.745	#
21)	L5 AR-1248-1	5.660	4.722	28846643	12944171	852.371	825.986	
22)	L5 AR-1248-2	5.935	4.959	19124601	8368522	369.280	380.272	
23)	L5 AR-1248-3	6.140	5.000	21654178	10271713	383.170	437.471	
24)	L5 AR-1248-4	6.544	5.172	6307909	10713815	111.273	401.653	#
25)	L5 AR-1248-5	6.584	5.565	5717247	2510586	96.660	106.396	
26)	L6 AR-1254-1	6.518	5.524	18520164	10072515	293.209	262.688	
27)	L6 AR-1254-2	6.737	5.672	16104193	7379039	167.809	214.334	#
28)	L6 AR-1254-3	7.105	6.092	7139400	13181585	75.876	253.678	#
29)	L6 AR-1254-4	7.392	6.306	4061631	918690	69.758	33.470	#
30)	L6 AR-1254-5	7.811	6.723	47237487	23038241	676.321	531.840	
31)	L7 AR-1260-1	7.271	6.207	38073032	19310850	523.593	526.317	
32)	L7 AR-1260-2	7.528	6.396	44904444	22110557	545.348	526.938	
33)	L7 AR-1260-3	7.888	6.549	33256110	20996326	537.581	524.684	
34)	L7 AR-1260-4	8.116	7.021	37801274	16917435	560.745	525.336	
35)	L7 AR-1260-5	8.441	7.264	67581924	36191145	520.182	516.571	
36)	L8 AR-1262-1	7.888	6.762	33256110	18578836	382.385	410.462	
37)	L8 AR-1262-2	8.441	7.021	67581924	16917435	479.117	419.540	
38)	L8 AR-1262-3	8.772	7.547	42537618	8672369	430.838	279.360	#
39)	L8 AR-1262-4	8.851	7.610	12975403	25880028	169.080	477.727	#
40)	L8 AR-1262-5	9.525	8.107	17318928	8885804	357.031	359.818	
41)	L9 AR-1268-1	8.772	7.547	42537618	8672369	244.972	94.904	#

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO092823\
Data File : PO098382.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Sep 2023 21:33
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 29 00:54:30 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO092723.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Sep 28 01:18:56 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.851	7.610	12975403	25880028	83.215	333.771 #
43) L9	AR-1268-3	9.088	7.819	965155	403456	7.059	6.089
44) L9	AR-1268-4	9.525	8.107	17318928	8885804	325.121	328.275
45) L9	AR-1268-5	9.952	8.396	4995911	2516796	11.377	12.717

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO092823\
Data File : PO098382.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Sep 2023 21:33
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_O
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 29 00:54:30 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO092723.M
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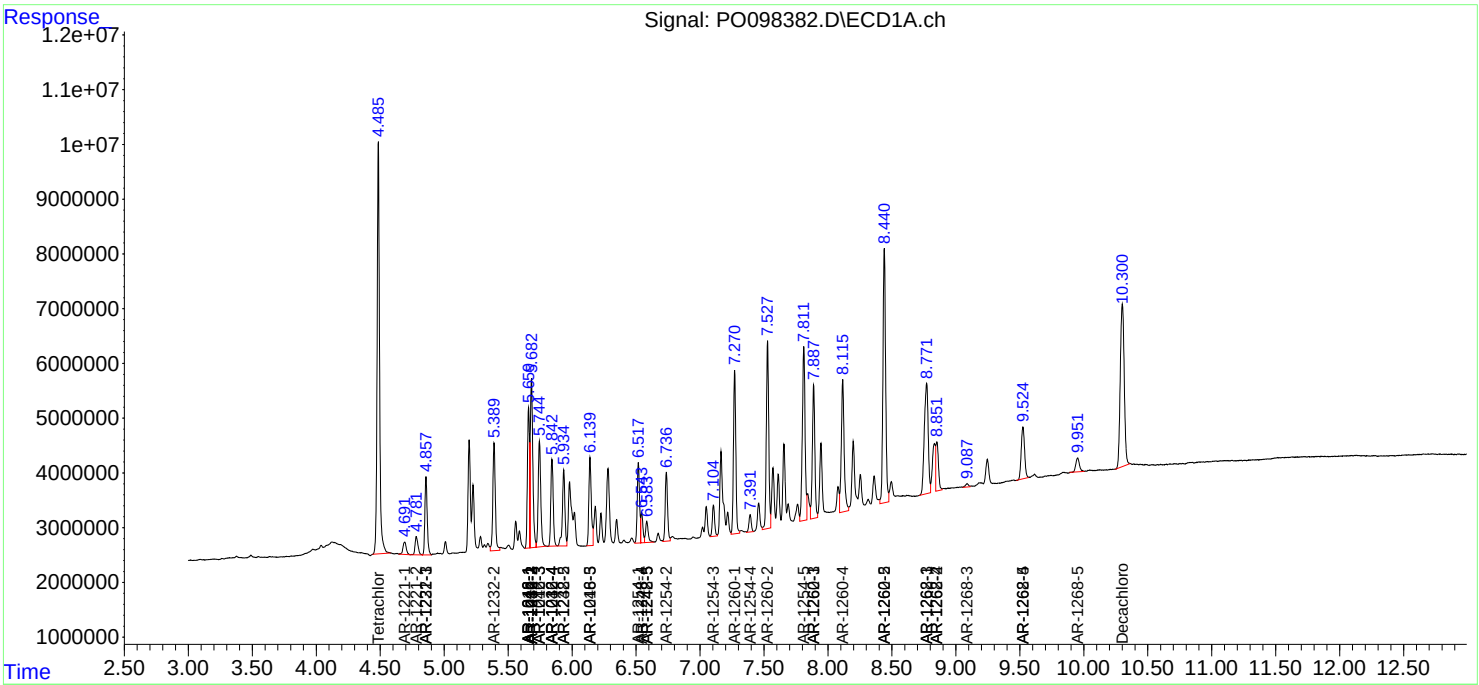
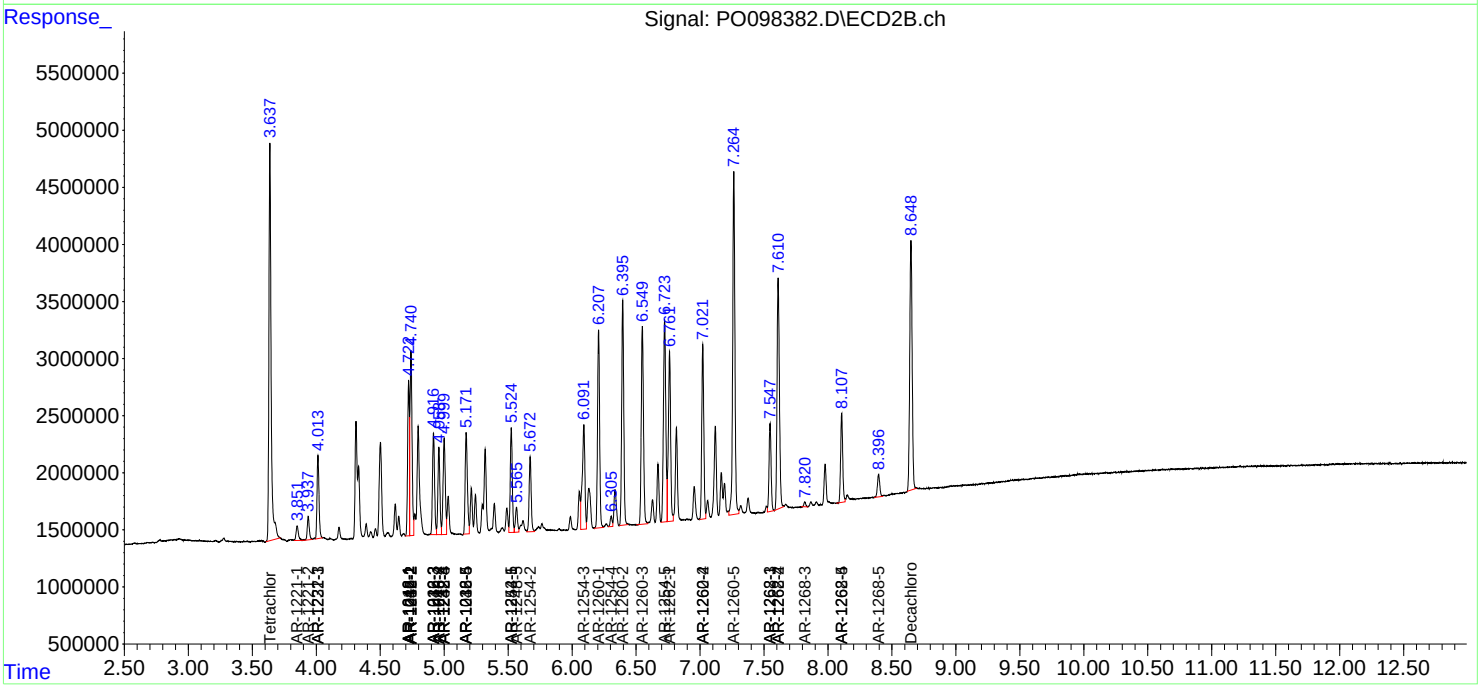
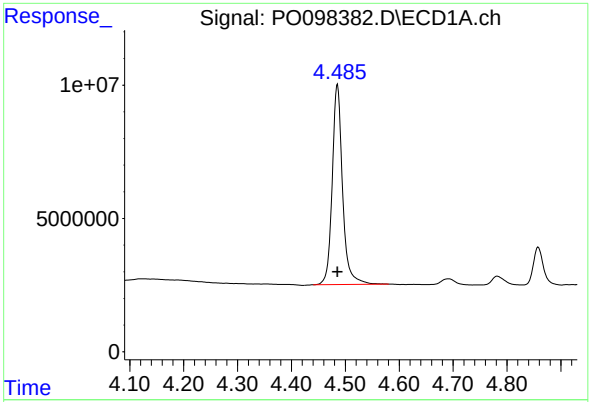
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



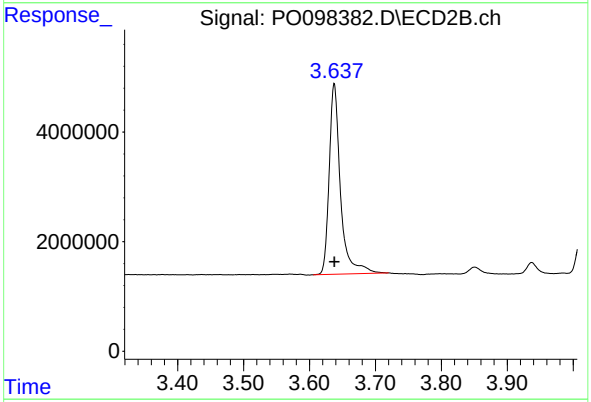




#1 Tetrachloro-m-xylene

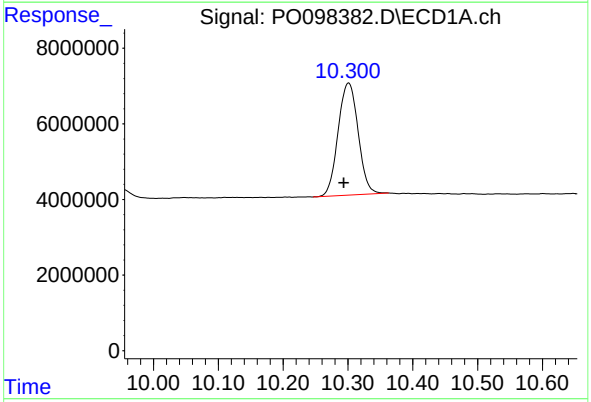
R.T.: 4.485 min
Delta R.T.: 0.000 min
Response: 99966385
Conc: 52.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



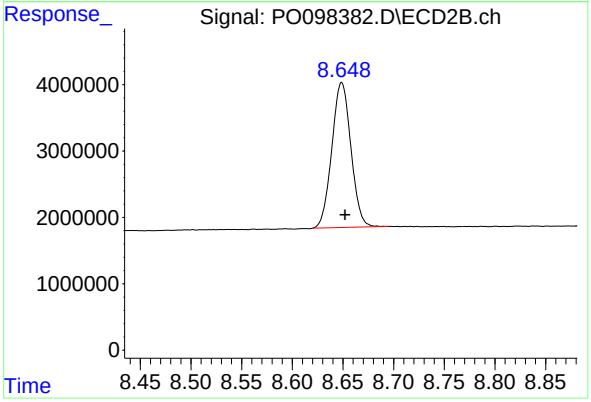
#1 Tetrachloro-m-xylene

R.T.: 3.638 min
Delta R.T.: 0.000 min
Response: 41516728
Conc: 53.30 ng/ml



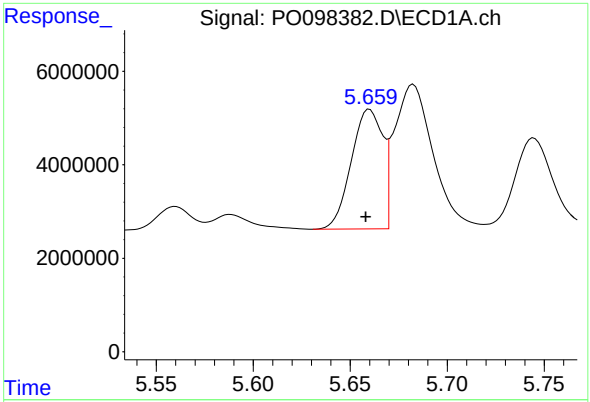
#2 Decachlorobiphenyl

R.T.: 10.301 min
Delta R.T.: 0.008 min
Response: 63816033
Conc: 52.57 ng/ml



#2 Decachlorobiphenyl

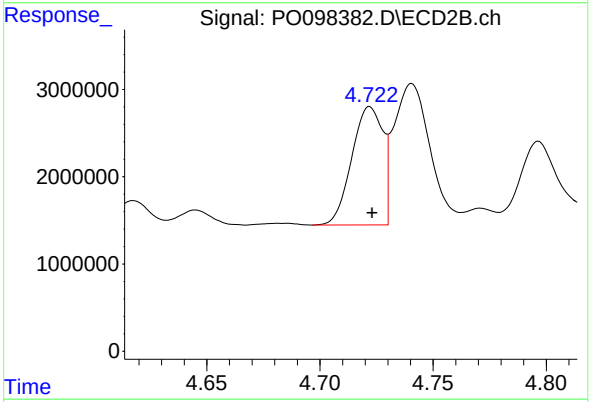
R.T.: 8.649 min
Delta R.T.: -0.003 min
Response: 28617434
Conc: 53.41 ng/ml



#3 AR-1016-1

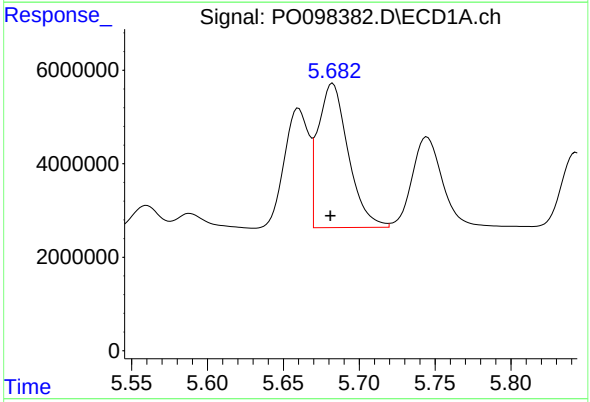
R.T.: 5.660 min
Delta R.T.: 0.002 min
Response: 28846643
Conc: 533.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



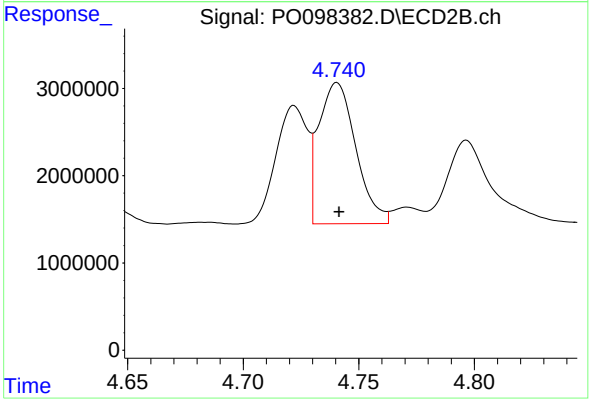
#3 AR-1016-1

R.T.: 4.722 min
Delta R.T.: 0.000 min
Response: 12944171
Conc: 542.32 ng/ml



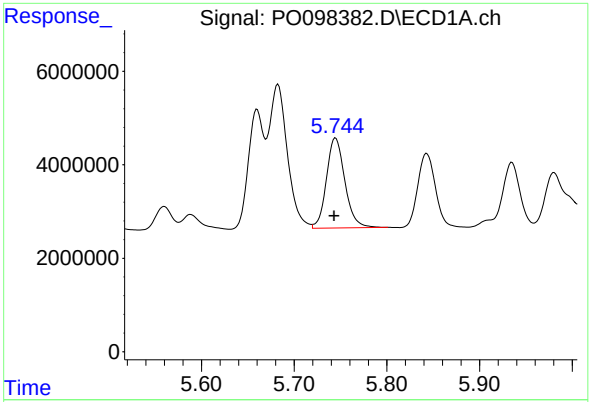
#4 AR-1016-2

R.T.: 5.683 min
Delta R.T.: 0.002 min
Response: 42699762
Conc: 525.94 ng/ml



#4 AR-1016-2

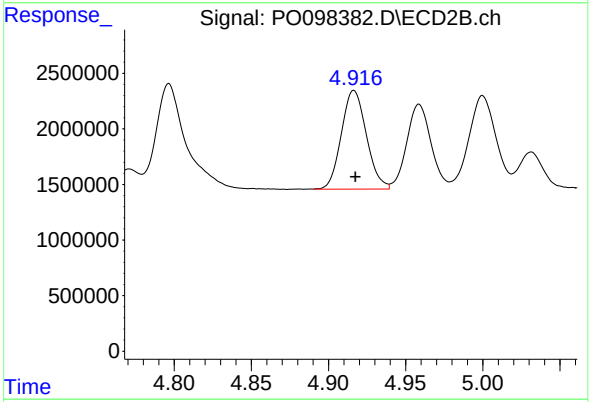
R.T.: 4.741 min
Delta R.T.: 0.000 min
Response: 18065228
Conc: 530.54 ng/ml



#5 AR-1016-3

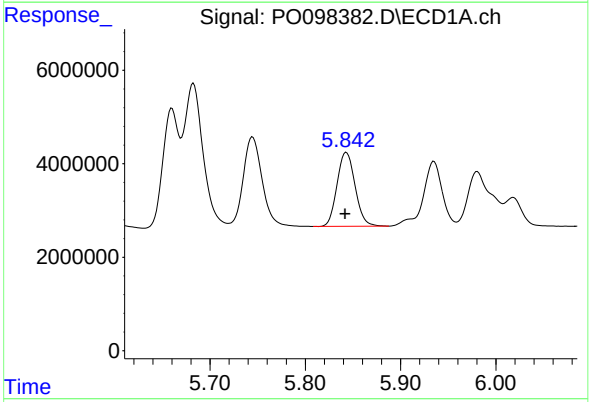
R.T.: 5.745 min
Delta R.T.: 0.001 min
Response: 26679112
Conc: 533.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



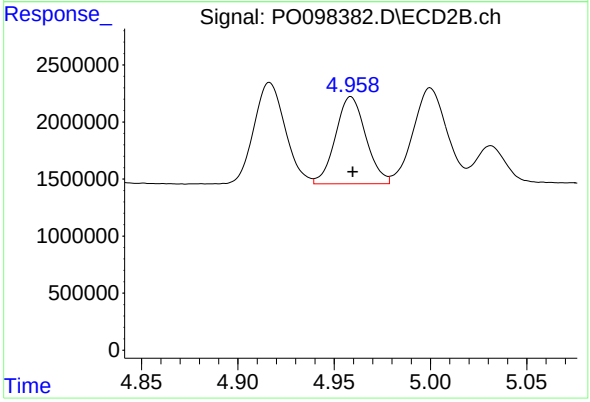
#5 AR-1016-3

R.T.: 4.916 min
Delta R.T.: -0.001 min
Response: 10031346
Conc: 557.65 ng/ml



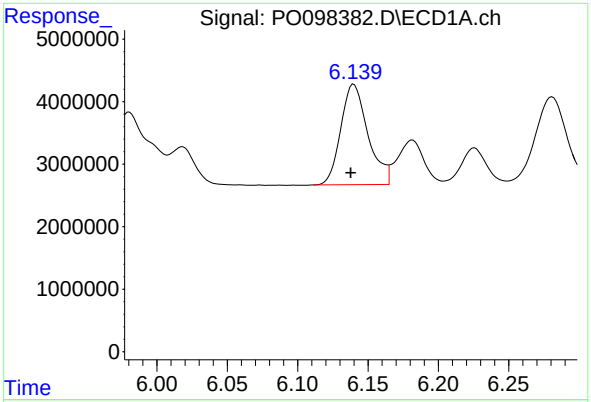
#6 AR-1016-4

R.T.: 5.843 min
Delta R.T.: 0.001 min
Response: 20831517
Conc: 532.75 ng/ml



#6 AR-1016-4

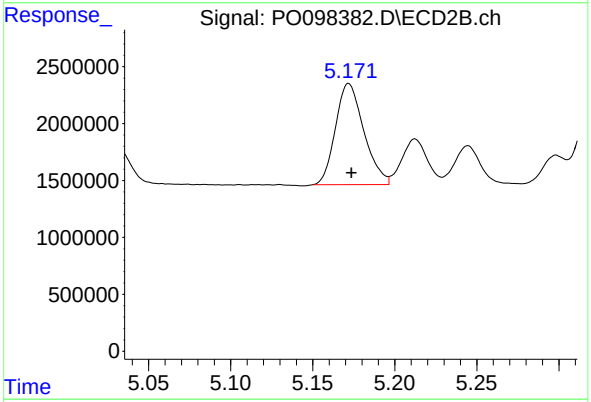
R.T.: 4.959 min
Delta R.T.: 0.000 min
Response: 8368522
Conc: 558.23 ng/ml



#7 AR-1016-5

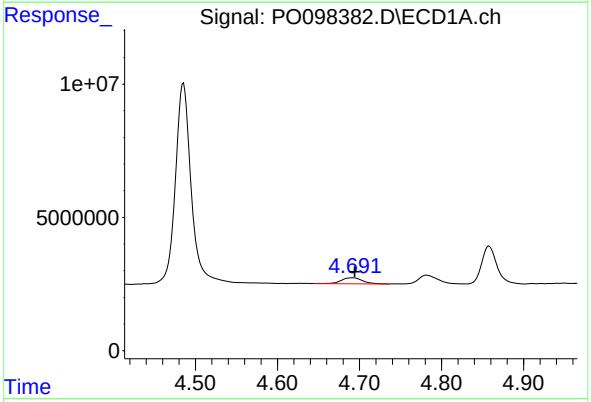
R.T.: 6.140 min
Delta R.T.: 0.002 min
Response: 21654178
Conc: 526.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



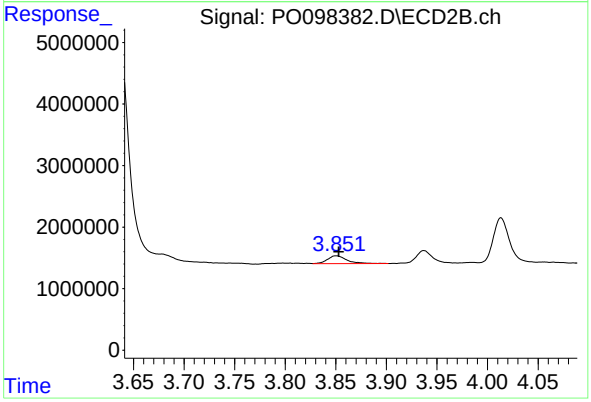
#7 AR-1016-5

R.T.: 5.172 min
Delta R.T.: -0.002 min
Response: 10713815
Conc: 551.68 ng/ml



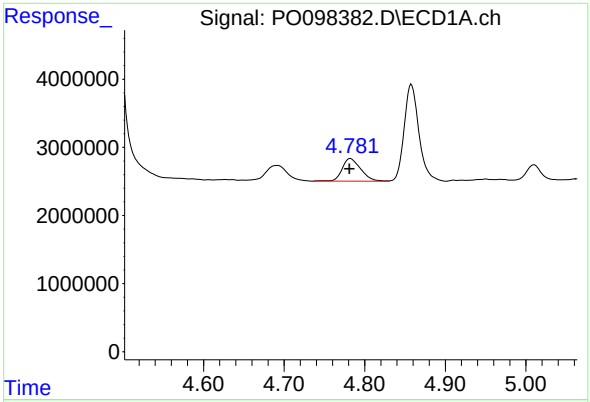
#8 AR-1221-1

R.T.: 4.692 min
Delta R.T.: -0.003 min
Response: 4071850
Conc: 180.85 ng/ml



#8 AR-1221-1

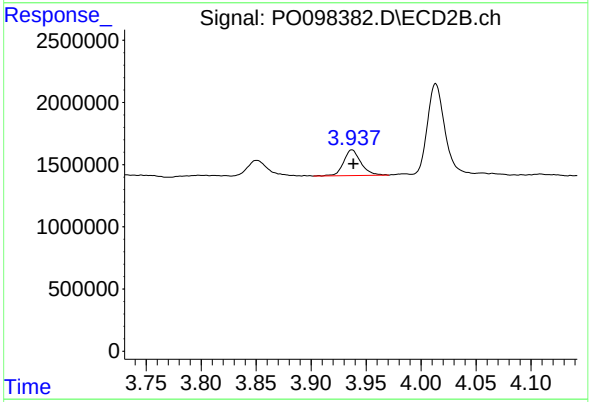
R.T.: 3.851 min
Delta R.T.: -0.003 min
Response: 1671078
Conc: 181.88 ng/ml



#9 AR-1221-2

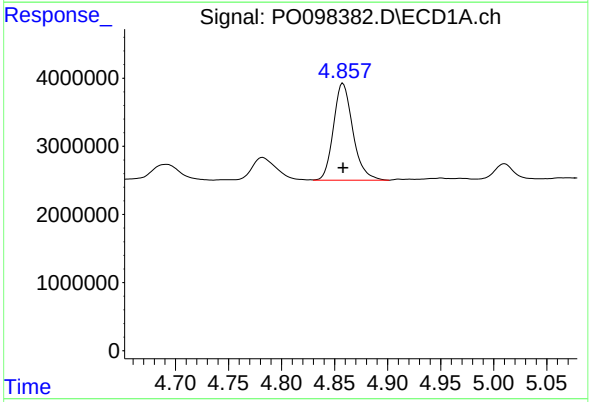
R.T.: 4.782 min
Delta R.T.: 0.001 min
Response: 5335123
Conc: 316.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



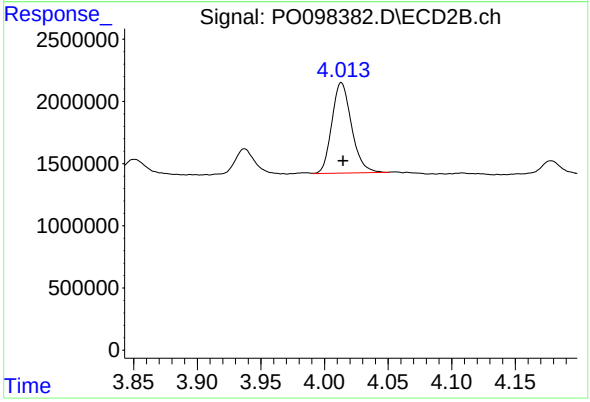
#9 AR-1221-2

R.T.: 3.937 min
Delta R.T.: -0.001 min
Response: 2268507
Conc: 341.16 ng/ml



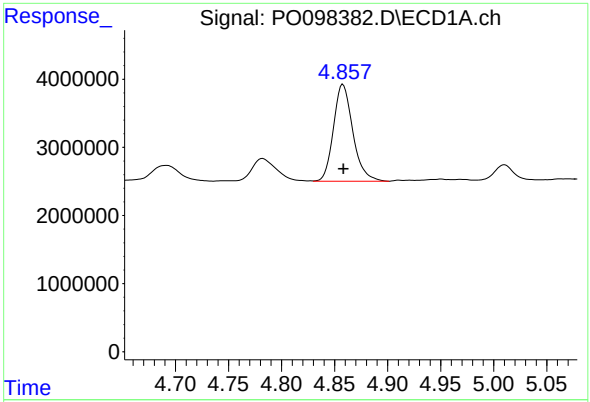
#10 AR-1221-3

R.T.: 4.858 min
Delta R.T.: 0.000 min
Response: 18081266
Conc: 369.70 ng/ml



#10 AR-1221-3

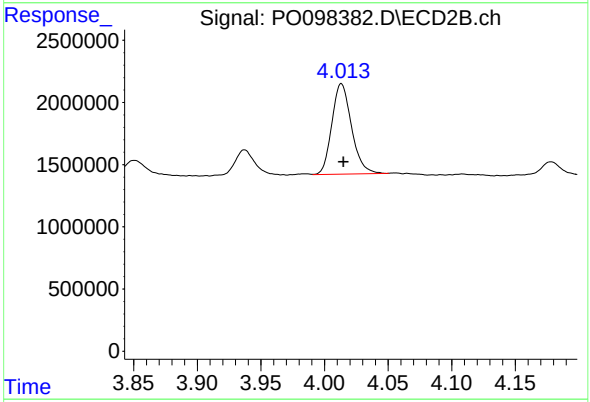
R.T.: 4.013 min
Delta R.T.: -0.001 min
Response: 7840401
Conc: 388.67 ng/ml



#11 AR-1232-1

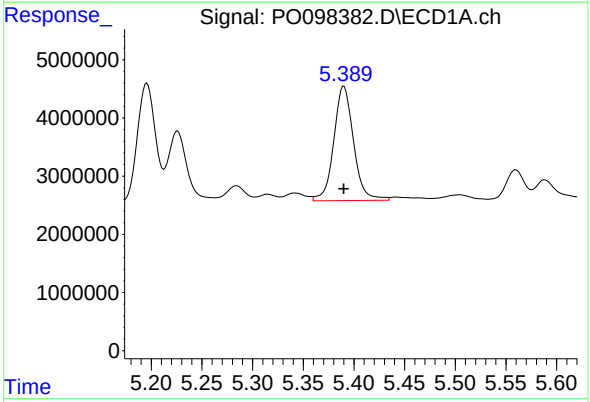
R.T.: 4.858 min
Delta R.T.: 0.000 min
Response: 18081266
Conc: 442.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



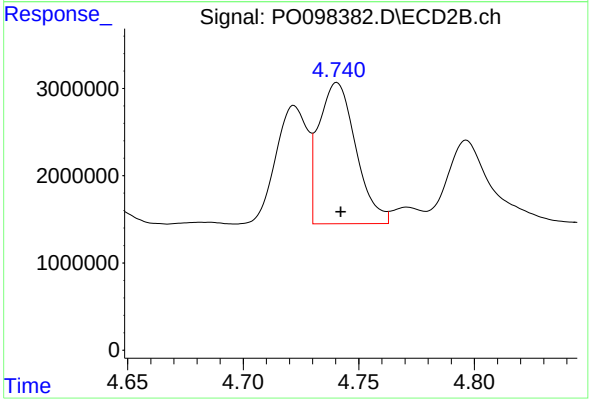
#11 AR-1232-1

R.T.: 4.013 min
Delta R.T.: -0.001 min
Response: 7840401
Conc: 466.47 ng/ml



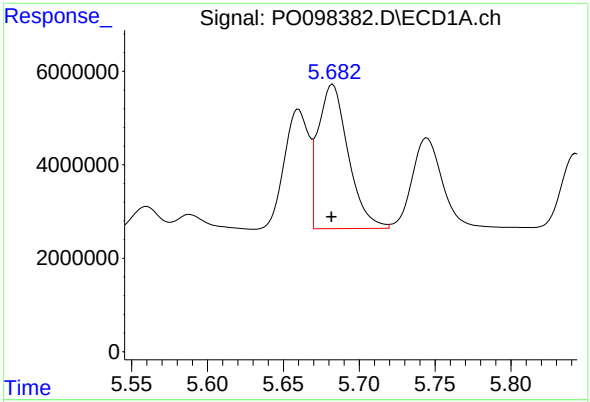
#12 AR-1232-2

R.T.: 5.390 min
Delta R.T.: 0.000 min
Response: 26691864
Conc: 1234.14 ng/ml



#12 AR-1232-2

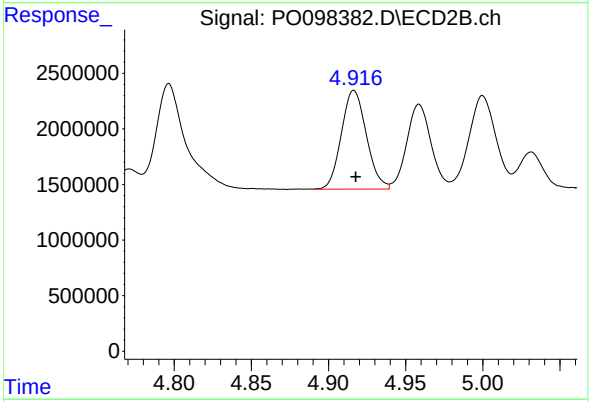
R.T.: 4.741 min
Delta R.T.: -0.002 min
Response: 18065228
Conc: 1202.23 ng/ml



#13 AR-1232-3

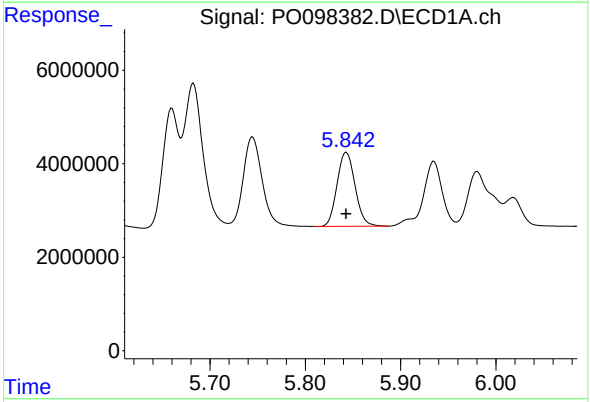
R.T.: 5.683 min
Delta R.T.: 0.000 min
Response: 42699762
Conc: 1201.17 ng/m

Instrument :
ECD_O
ClientSampleId :



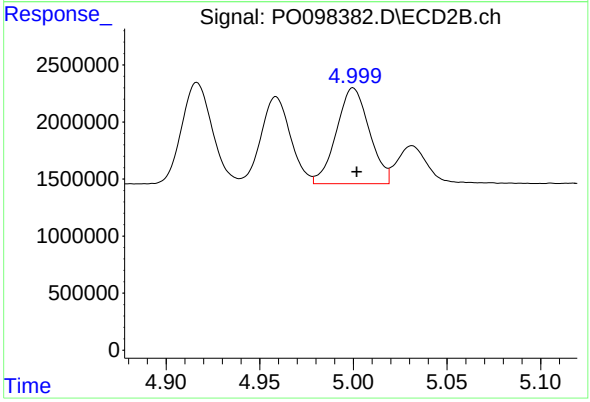
#13 AR-1232-3

R.T.: 4.916 min
Delta R.T.: -0.001 min
Response: 10031346
Conc: 1281.69 ng/ml



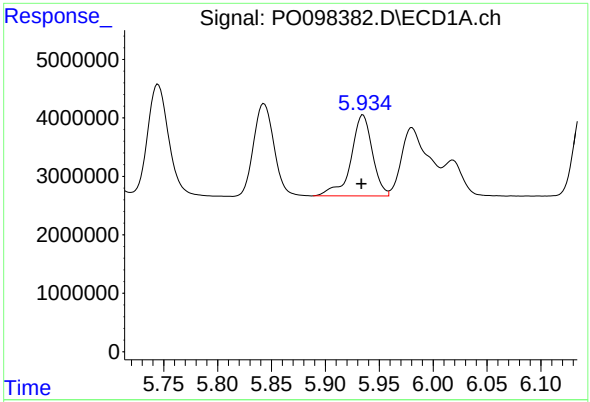
#14 AR-1232-4

R.T.: 5.843 min
Delta R.T.: 0.000 min
Response: 20831517
Conc: 1227.07 ng/ml



#14 AR-1232-4

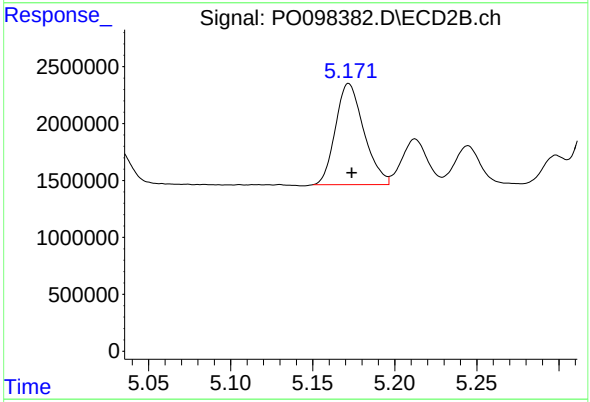
R.T.: 5.000 min
Delta R.T.: -0.002 min
Response: 10271713
Conc: 1366.08 ng/ml



#15 AR-1232-5

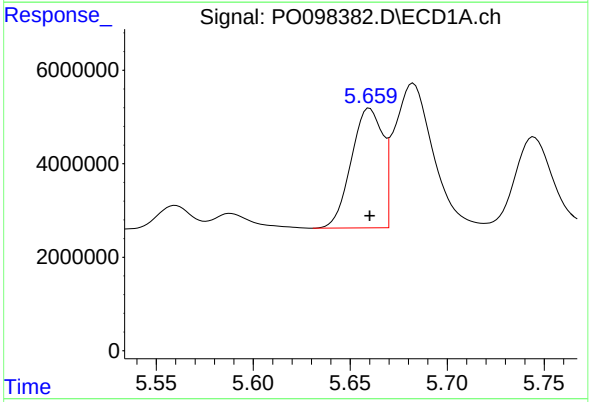
R.T.: 5.935 min
Delta R.T.: 0.001 min
Response: 19124601
Conc: 1343.23 ng/m

Instrument :
ECD_O
ClientSampleId :



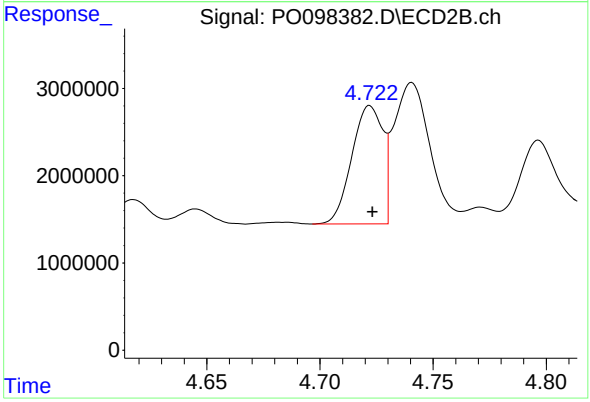
#15 AR-1232-5

R.T.: 5.172 min
Delta R.T.: -0.002 min
Response: 10713815
Conc: 1324.37 ng/ml



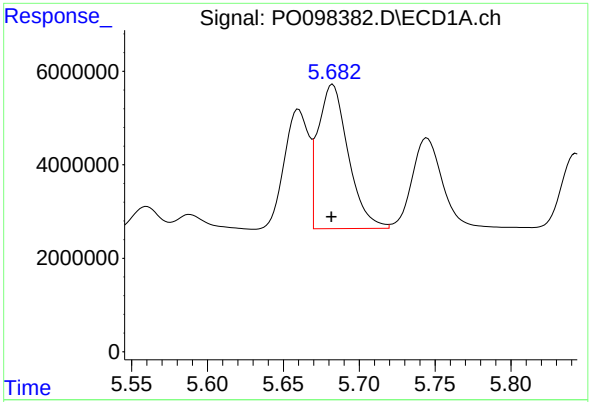
#16 AR-1242-1

R.T.: 5.660 min
Delta R.T.: 0.000 min
Response: 28846643
Conc: 633.48 ng/ml



#16 AR-1242-1

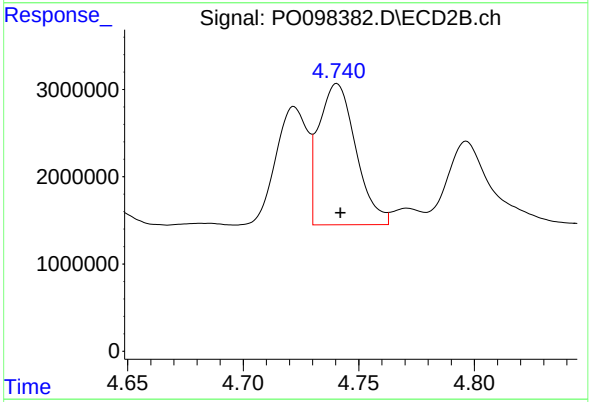
R.T.: 4.722 min
Delta R.T.: -0.001 min
Response: 12944171
Conc: 618.28 ng/ml



#17 AR-1242-2

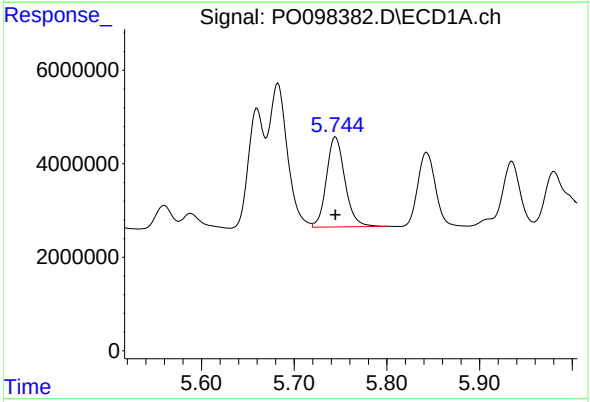
R.T.: 5.683 min
Delta R.T.: 0.000 min
Response: 42699762
Conc: 623.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



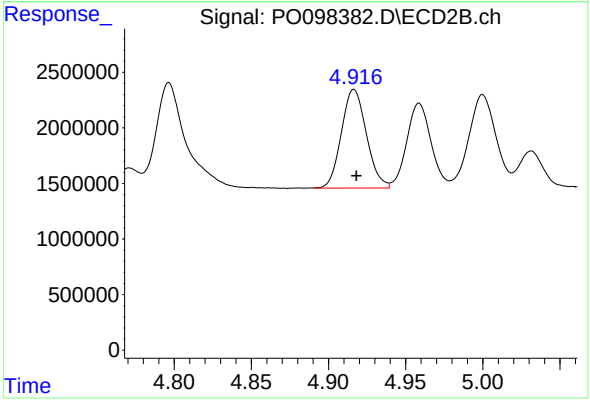
#17 AR-1242-2

R.T.: 4.741 min
Delta R.T.: -0.001 min
Response: 18065228
Conc: 621.29 ng/ml



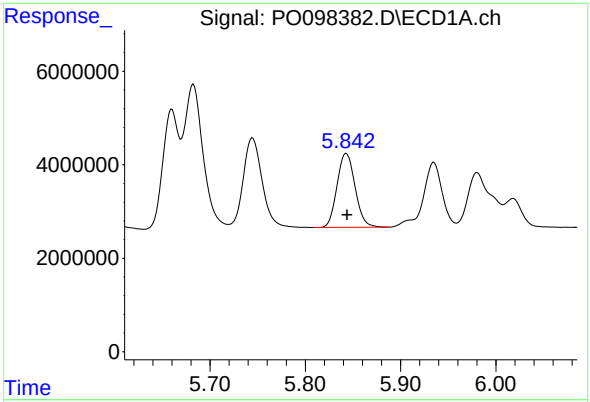
#18 AR-1242-3

R.T.: 5.745 min
Delta R.T.: 0.000 min
Response: 26679112
Conc: 630.02 ng/ml



#18 AR-1242-3

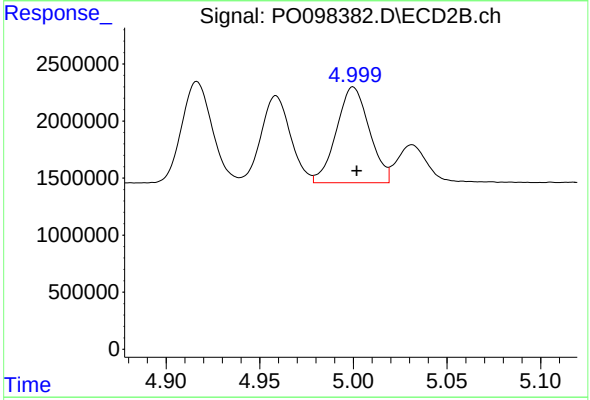
R.T.: 4.916 min
Delta R.T.: -0.002 min
Response: 10031346
Conc: 641.88 ng/ml



#19 AR-1242-4

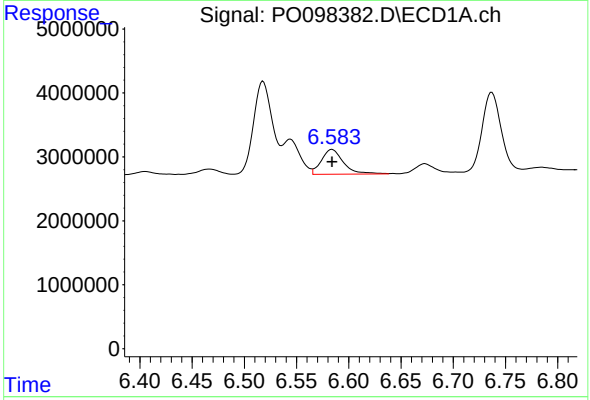
R.T.: 5.843 min
Delta R.T.: 0.000 min
Response: 20831517
Conc: 634.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



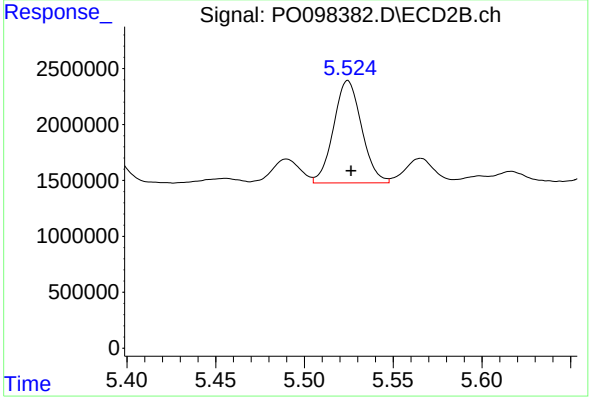
#19 AR-1242-4

R.T.: 5.000 min
Delta R.T.: -0.002 min
Response: 10271713
Conc: 620.18 ng/ml



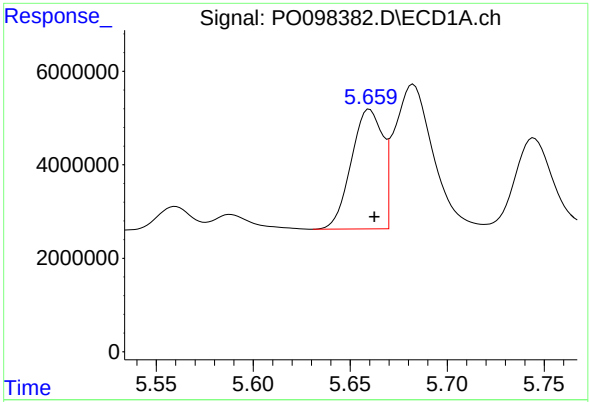
#20 AR-1242-5

R.T.: 6.584 min
Delta R.T.: 0.000 min
Response: 5717247
Conc: 161.41 ng/ml



#20 AR-1242-5

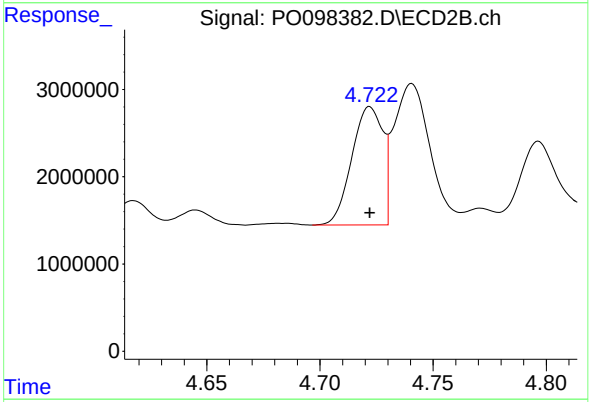
R.T.: 5.524 min
Delta R.T.: -0.002 min
Response: 10072515
Conc: 542.74 ng/ml



#21 AR-1248-1

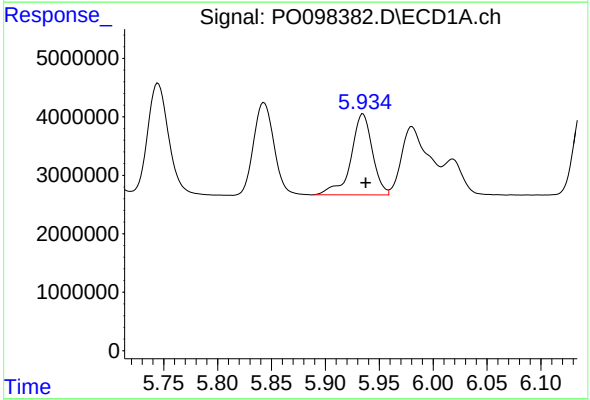
R.T.: 5.660 min
Delta R.T.: -0.003 min
Response: 28846643
Conc: 852.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



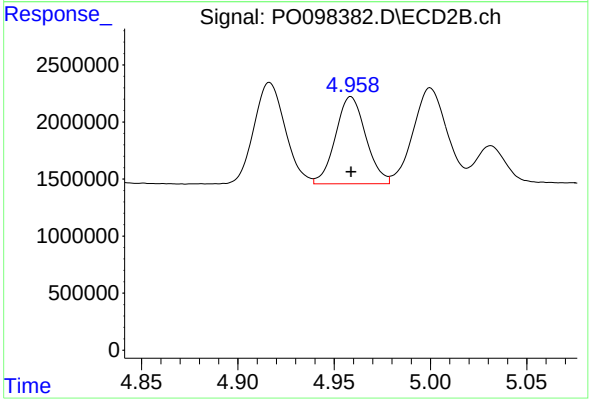
#21 AR-1248-1

R.T.: 4.722 min
Delta R.T.: 0.000 min
Response: 12944171
Conc: 825.99 ng/ml



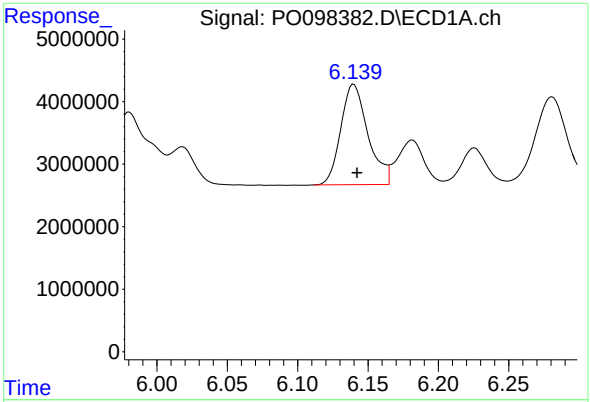
#22 AR-1248-2

R.T.: 5.935 min
Delta R.T.: -0.002 min
Response: 19124601
Conc: 369.28 ng/ml



#22 AR-1248-2

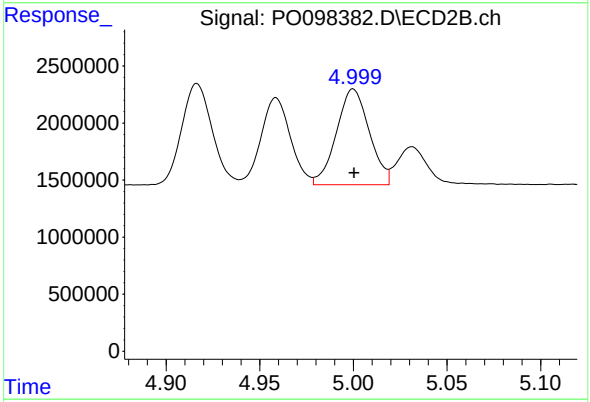
R.T.: 4.959 min
Delta R.T.: 0.000 min
Response: 8368522
Conc: 380.27 ng/ml



#23 AR-1248-3

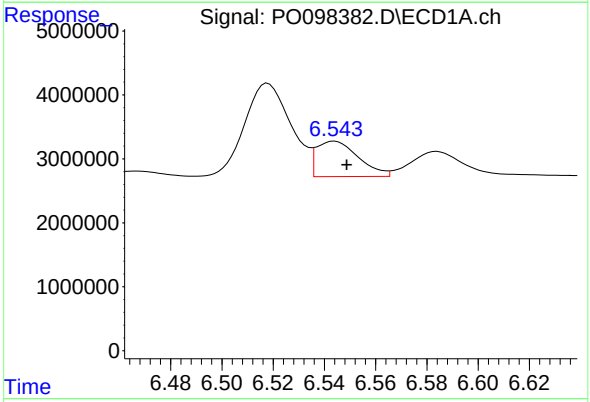
R.T.: 6.140 min
Delta R.T.: -0.002 min
Response: 21654178
Conc: 383.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



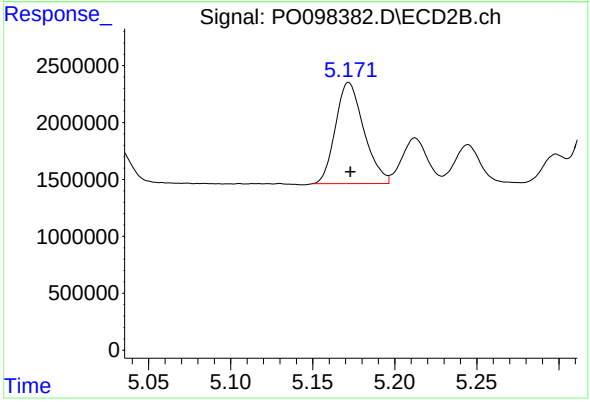
#23 AR-1248-3

R.T.: 5.000 min
Delta R.T.: 0.000 min
Response: 10271713
Conc: 437.47 ng/ml



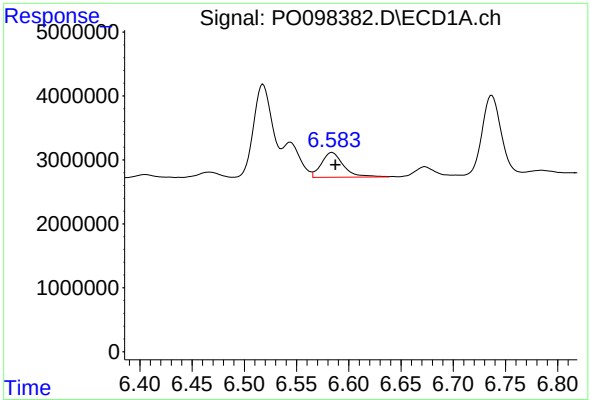
#24 AR-1248-4

R.T.: 6.544 min
Delta R.T.: -0.005 min
Response: 6307909
Conc: 111.27 ng/ml



#24 AR-1248-4

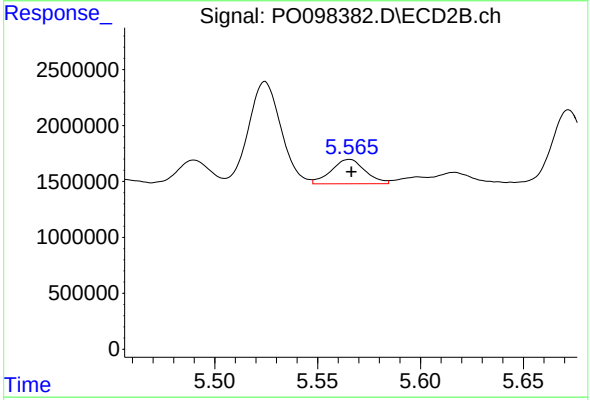
R.T.: 5.172 min
Delta R.T.: 0.000 min
Response: 10713815
Conc: 401.65 ng/ml



#25 AR-1248-5

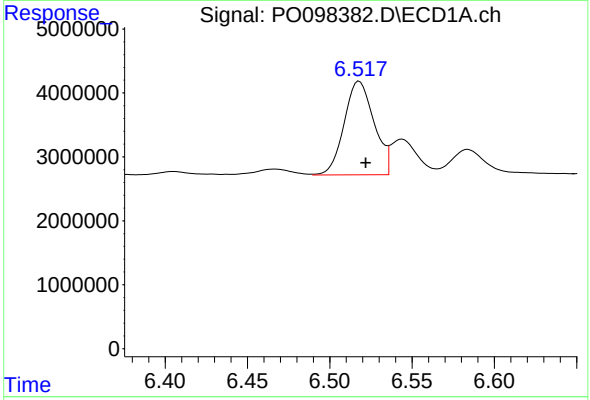
R.T.: 6.584 min
Delta R.T.: -0.003 min
Response: 5717247
Conc: 96.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



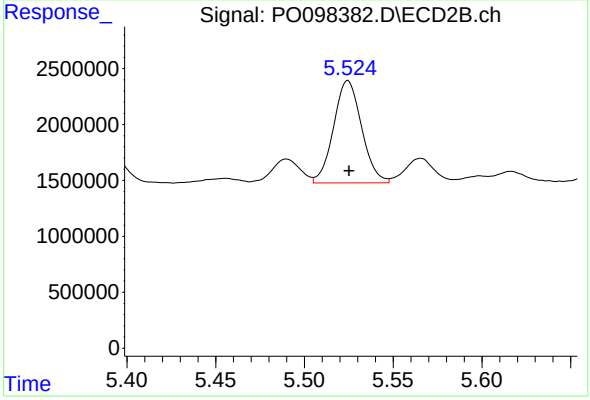
#25 AR-1248-5

R.T.: 5.565 min
Delta R.T.: -0.001 min
Response: 2510586
Conc: 106.40 ng/ml



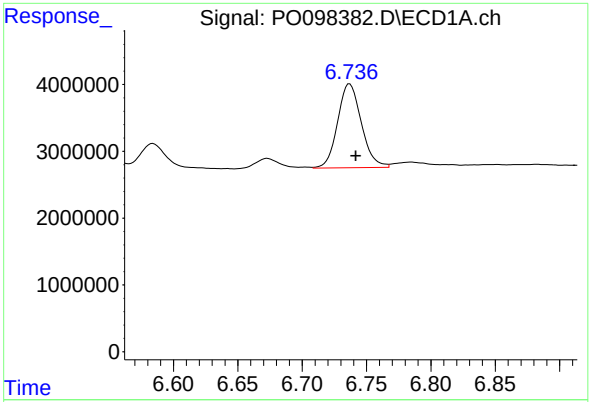
#26 AR-1254-1

R.T.: 6.518 min
Delta R.T.: -0.004 min
Response: 18520164
Conc: 293.21 ng/ml



#26 AR-1254-1

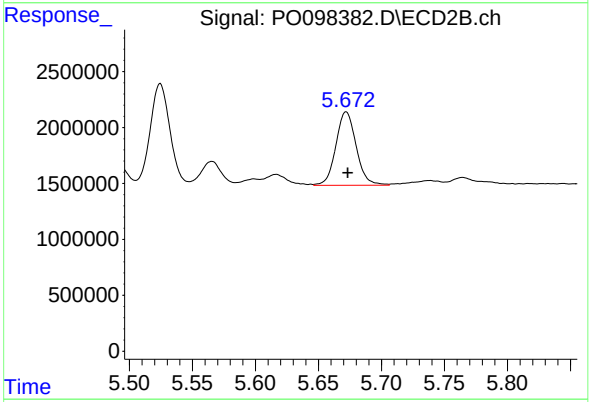
R.T.: 5.524 min
Delta R.T.: 0.000 min
Response: 10072515
Conc: 262.69 ng/ml



#27 AR-1254-2

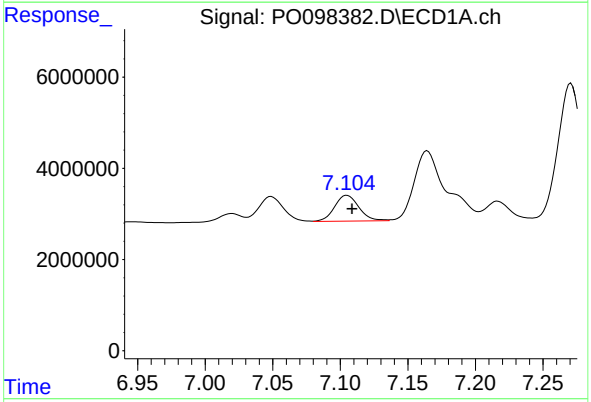
R.T.: 6.737 min
Delta R.T.: -0.005 min
Response: 16104193
Conc: 167.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



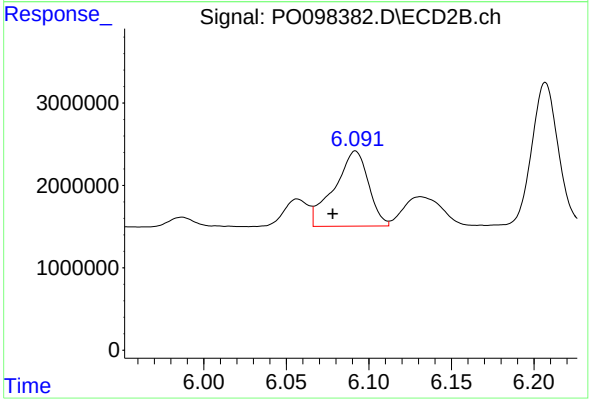
#27 AR-1254-2

R.T.: 5.672 min
Delta R.T.: -0.001 min
Response: 7379039
Conc: 214.33 ng/ml



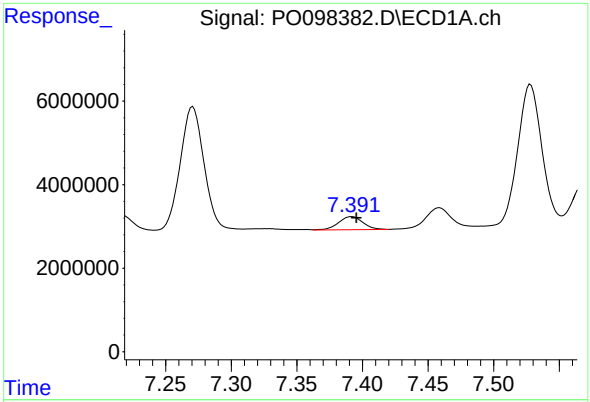
#28 AR-1254-3

R.T.: 7.105 min
Delta R.T.: -0.004 min
Response: 7139400
Conc: 75.88 ng/ml



#28 AR-1254-3

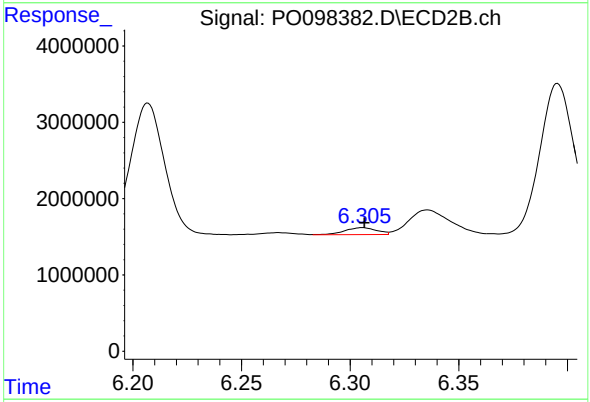
R.T.: 6.092 min
Delta R.T.: 0.014 min
Response: 13181585
Conc: 253.68 ng/ml



#29 AR-1254-4

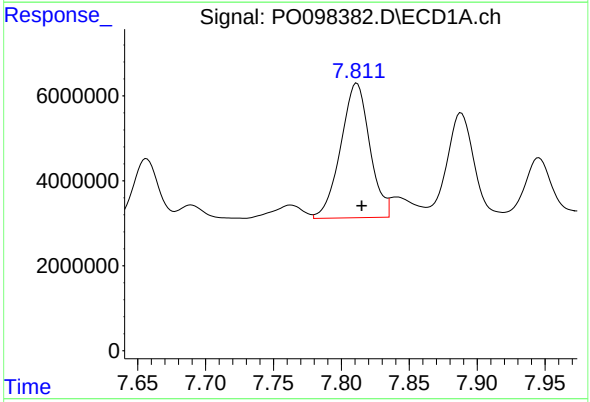
R.T.: 7.392 min
Delta R.T.: -0.003 min
Response: 4061631
Conc: 69.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



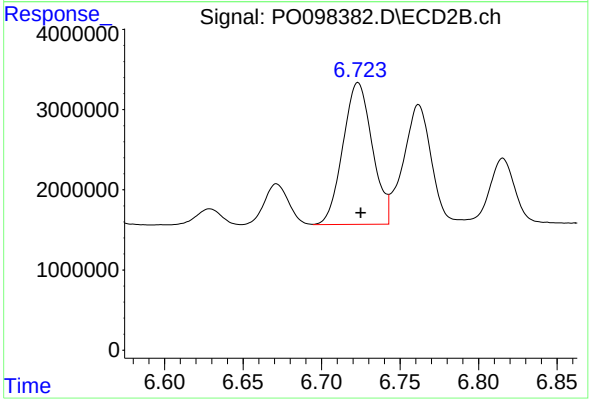
#29 AR-1254-4

R.T.: 6.306 min
Delta R.T.: 0.000 min
Response: 918690
Conc: 33.47 ng/ml



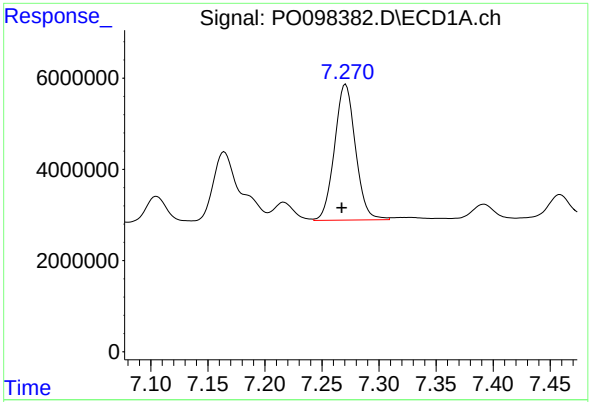
#30 AR-1254-5

R.T.: 7.811 min
Delta R.T.: -0.004 min
Response: 47237487
Conc: 676.32 ng/ml



#30 AR-1254-5

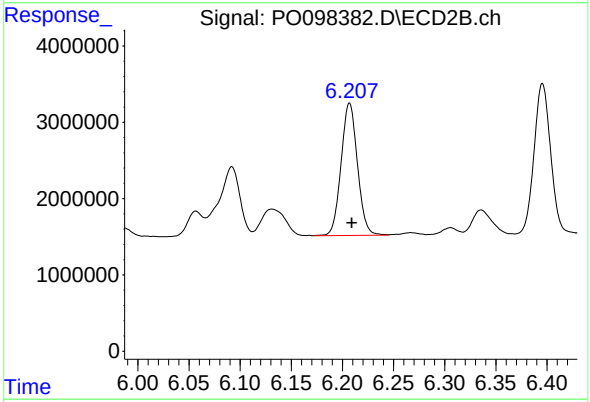
R.T.: 6.723 min
Delta R.T.: -0.002 min
Response: 23038241
Conc: 531.84 ng/ml



#31 AR-1260-1

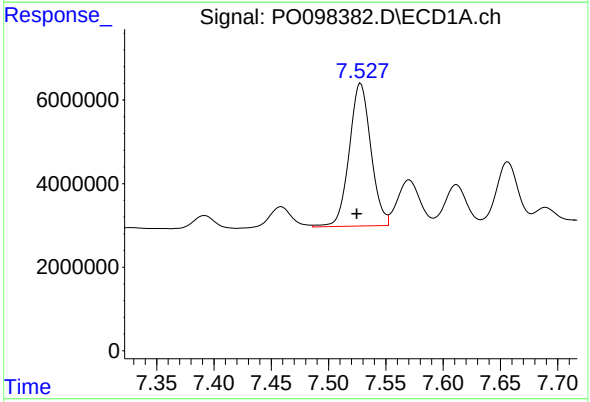
R.T.: 7.271 min
Delta R.T.: 0.003 min
Response: 38073032
Conc: 523.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



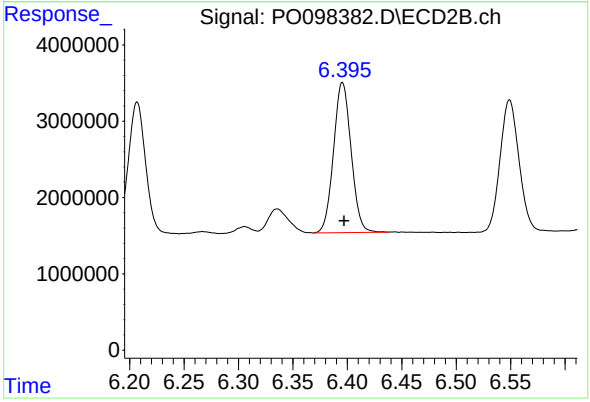
#31 AR-1260-1

R.T.: 6.207 min
Delta R.T.: -0.002 min
Response: 19310850
Conc: 526.32 ng/ml



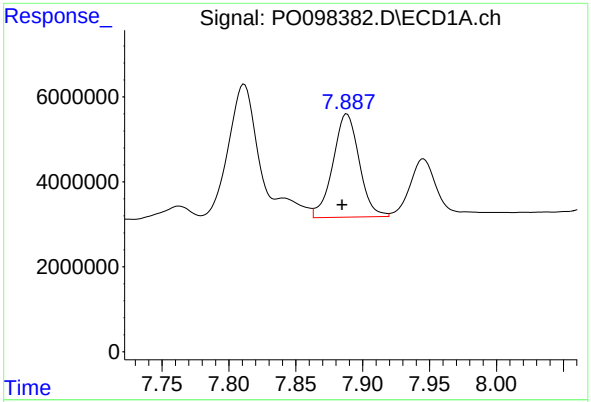
#32 AR-1260-2

R.T.: 7.528 min
Delta R.T.: 0.003 min
Response: 44904444
Conc: 545.35 ng/ml



#32 AR-1260-2

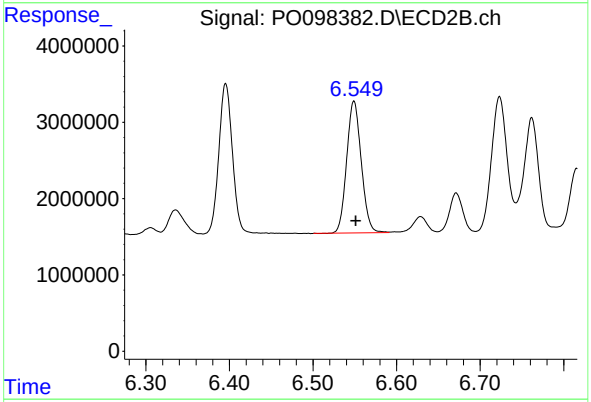
R.T.: 6.396 min
Delta R.T.: -0.001 min
Response: 22110557
Conc: 526.94 ng/ml



#33 AR-1260-3

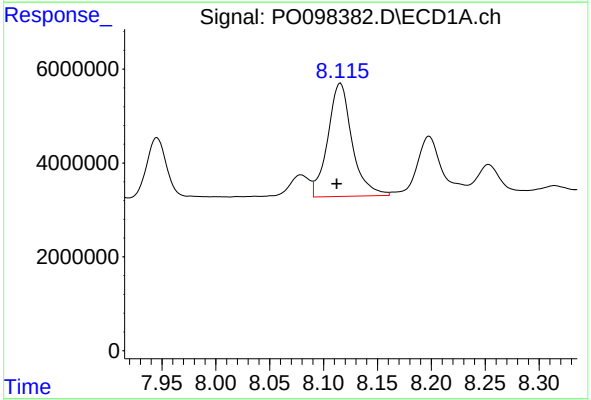
R.T.: 7.888 min
Delta R.T.: 0.004 min
Response: 33256110
Conc: 537.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



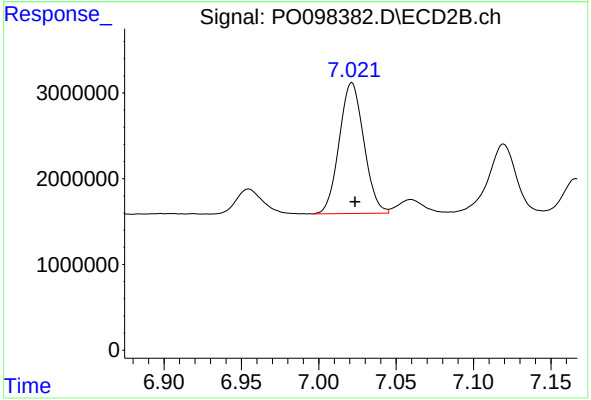
#33 AR-1260-3

R.T.: 6.549 min
Delta R.T.: -0.002 min
Response: 20996326
Conc: 524.68 ng/ml



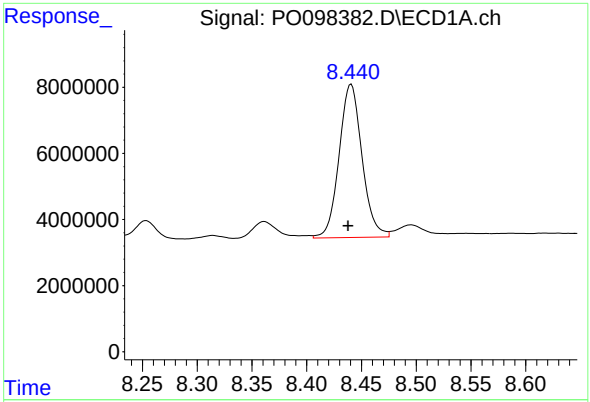
#34 AR-1260-4

R.T.: 8.116 min
Delta R.T.: 0.003 min
Response: 37801274
Conc: 560.74 ng/ml



#34 AR-1260-4

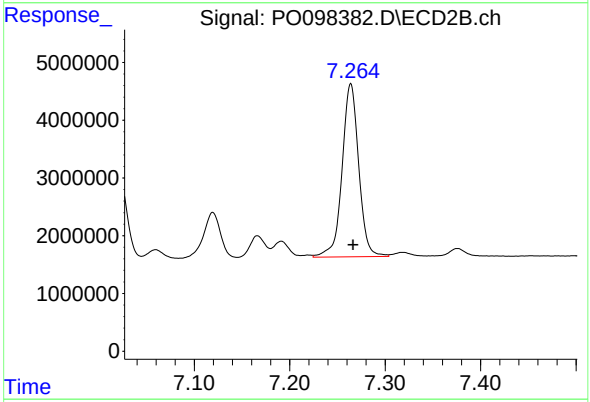
R.T.: 7.021 min
Delta R.T.: -0.002 min
Response: 16917435
Conc: 525.34 ng/ml



#35 AR-1260-5

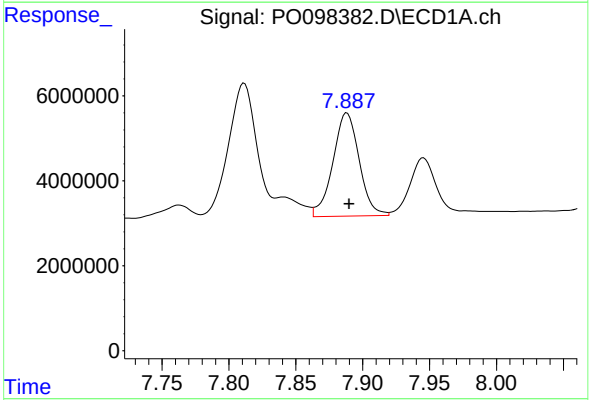
R.T.: 8.441 min
Delta R.T.: 0.003 min
Response: 67581924
Conc: 520.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



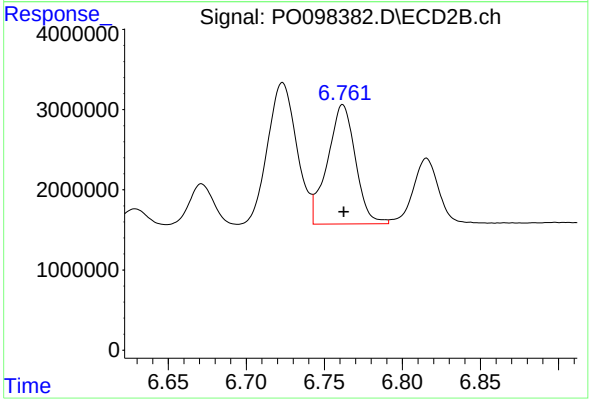
#35 AR-1260-5

R.T.: 7.264 min
Delta R.T.: -0.002 min
Response: 36191145
Conc: 516.57 ng/ml



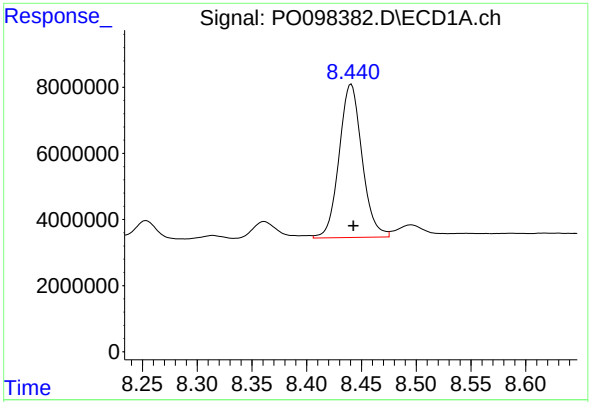
#36 AR-1262-1

R.T.: 7.888 min
Delta R.T.: -0.002 min
Response: 33256110
Conc: 382.39 ng/ml



#36 AR-1262-1

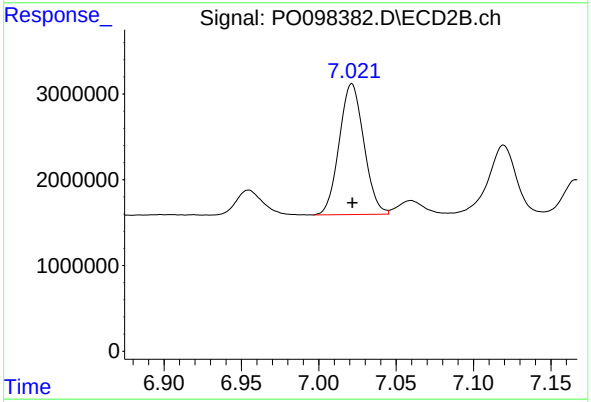
R.T.: 6.762 min
Delta R.T.: 0.000 min
Response: 18578836
Conc: 410.46 ng/ml



#37 AR-1262-2

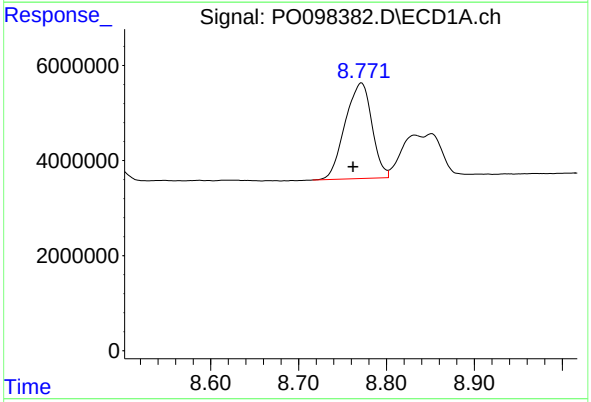
R.T.: 8.441 min
Delta R.T.: -0.002 min
Response: 67581924
Conc: 479.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



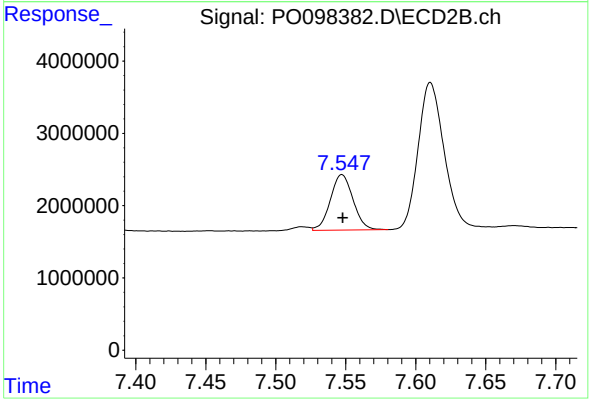
#37 AR-1262-2

R.T.: 7.021 min
Delta R.T.: 0.000 min
Response: 16917435
Conc: 419.54 ng/ml



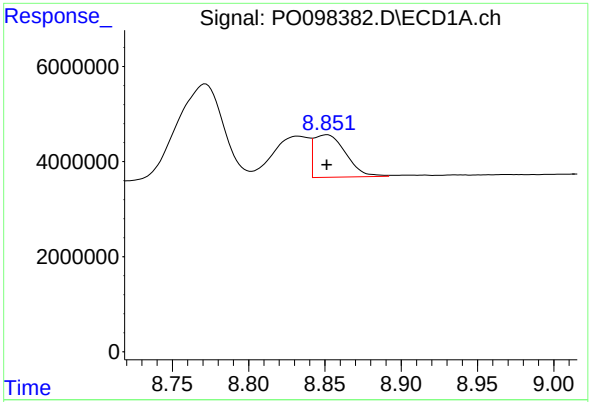
#38 AR-1262-3

R.T.: 8.772 min
Delta R.T.: 0.010 min
Response: 42537618
Conc: 430.84 ng/ml



#38 AR-1262-3

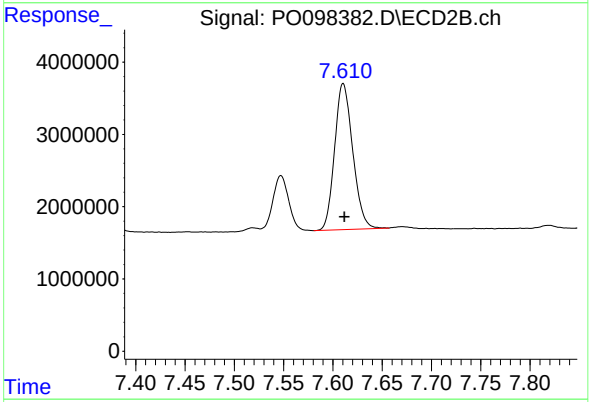
R.T.: 7.547 min
Delta R.T.: 0.000 min
Response: 8672369
Conc: 279.36 ng/ml



#39 AR-1262-4

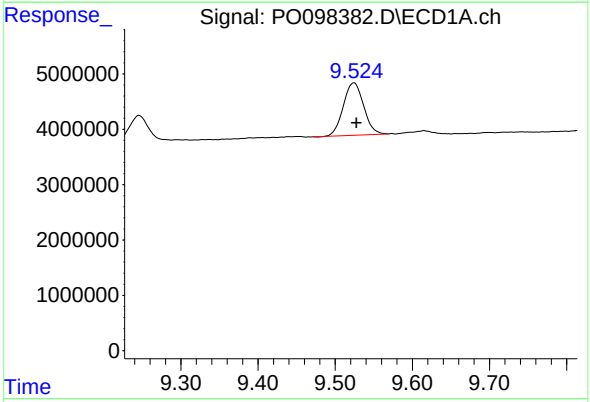
R.T.: 8.851 min
Delta R.T.: 0.000 min
Response: 12975403
Conc: 169.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



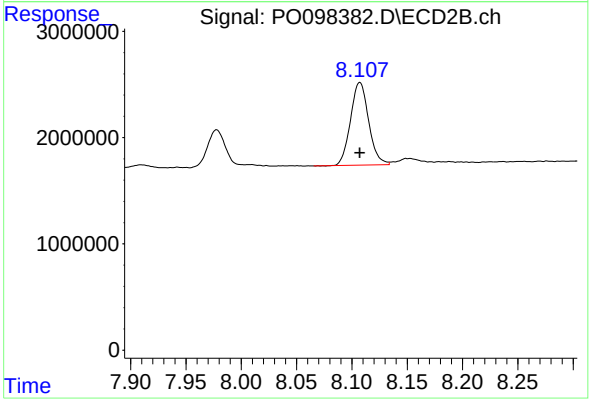
#39 AR-1262-4

R.T.: 7.610 min
Delta R.T.: -0.001 min
Response: 25880028
Conc: 477.73 ng/ml



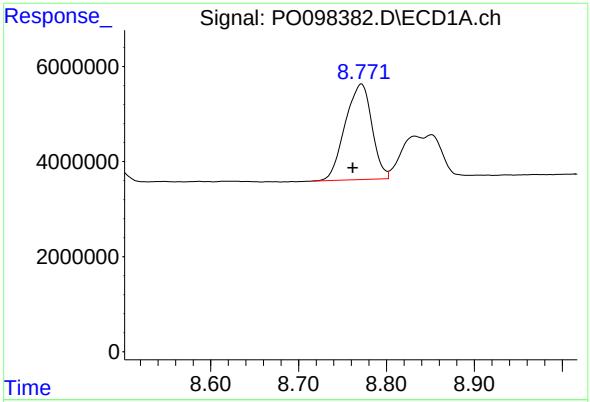
#40 AR-1262-5

R.T.: 9.525 min
Delta R.T.: -0.003 min
Response: 17318928
Conc: 357.03 ng/ml



#40 AR-1262-5

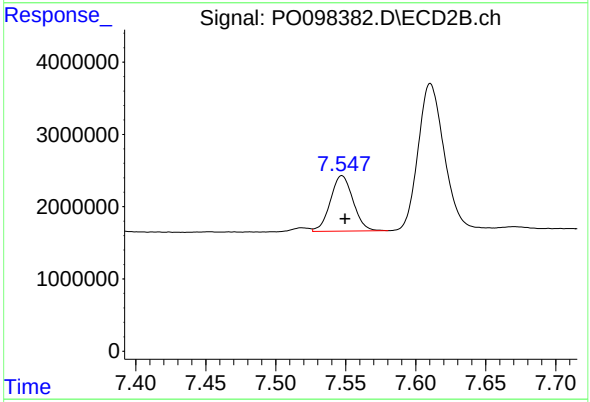
R.T.: 8.107 min
Delta R.T.: 0.000 min
Response: 8885804
Conc: 359.82 ng/ml



#41 AR-1268-1

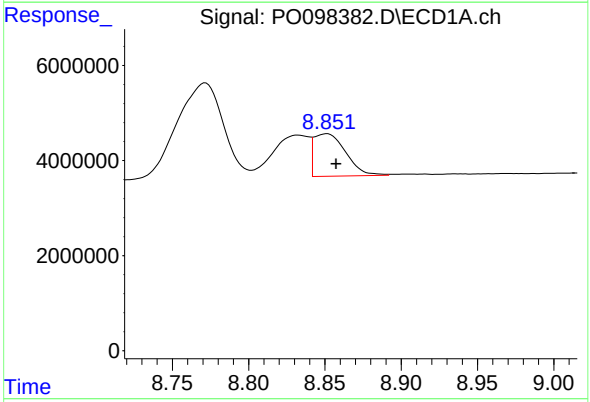
R.T.: 8.772 min
Delta R.T.: 0.010 min
Response: 42537618
Conc: 244.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



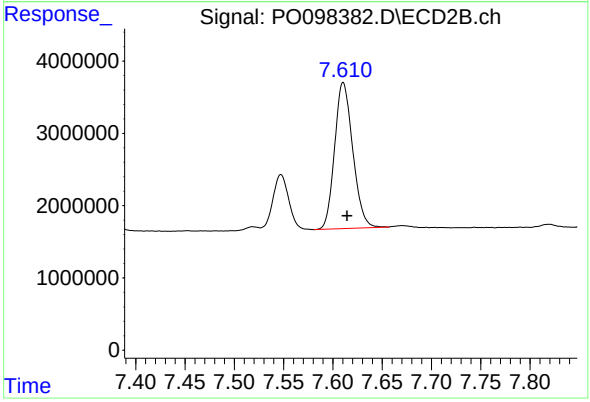
#41 AR-1268-1

R.T.: 7.547 min
Delta R.T.: -0.002 min
Response: 8672369
Conc: 94.90 ng/ml



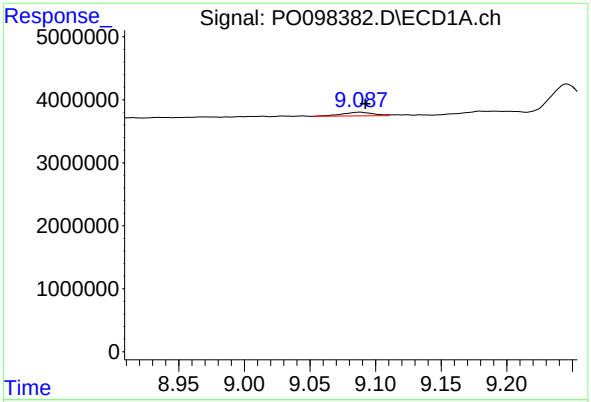
#42 AR-1268-2

R.T.: 8.851 min
Delta R.T.: -0.006 min
Response: 12975403
Conc: 83.21 ng/ml



#42 AR-1268-2

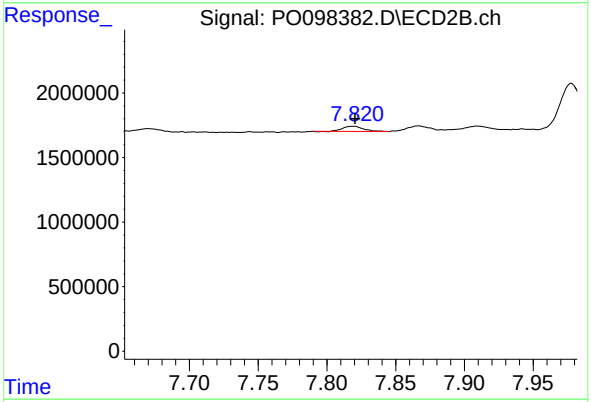
R.T.: 7.610 min
Delta R.T.: -0.004 min
Response: 25880028
Conc: 333.77 ng/ml



#43 AR-1268-3

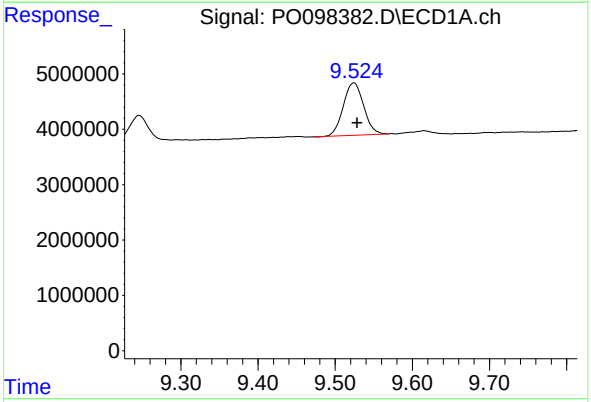
R.T.: 9.088 min
Delta R.T.: -0.004 min
Response: 965155
Conc: 7.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



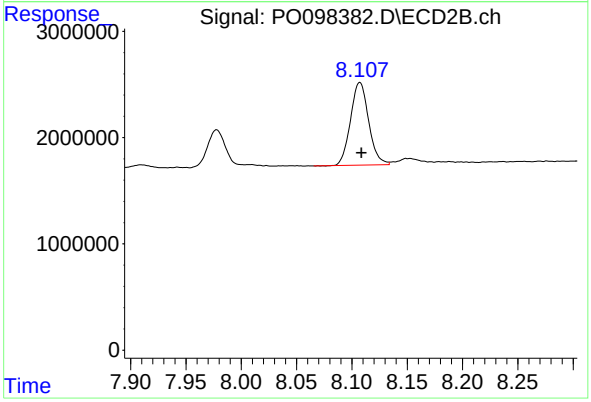
#43 AR-1268-3

R.T.: 7.819 min
Delta R.T.: -0.001 min
Response: 403456
Conc: 6.09 ng/ml



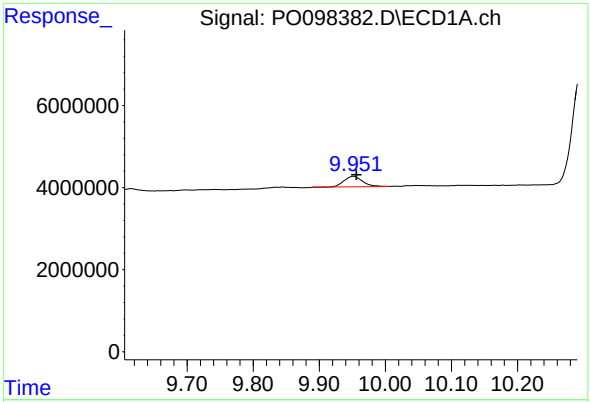
#44 AR-1268-4

R.T.: 9.525 min
Delta R.T.: -0.004 min
Response: 17318928
Conc: 325.12 ng/ml



#44 AR-1268-4

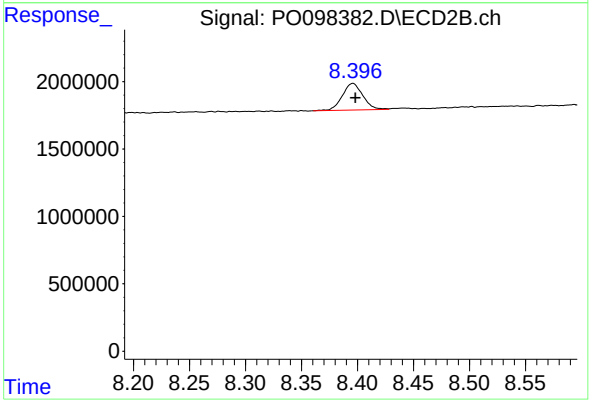
R.T.: 8.107 min
Delta R.T.: -0.001 min
Response: 8885804
Conc: 328.27 ng/ml



#45 AR-1268-5

R.T.: 9.952 min
Delta R.T.: -0.004 min
Response: 4995911
Conc: 11.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.396 min
Delta R.T.: -0.002 min
Response: 2516796
Conc: 12.72 ng/ml