

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0090823\
 Data File : P0097822.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Sep 2023 09:03
 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 08 15:09:36 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0090623.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Sep 07 02:56:18 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...	4.441	3.620	206.1E6	51705154	51.719	53.990
2)	SA Decachlor...	10.293	8.658	98118711	44129654	52.513	51.651
Target Compounds							
3)	L1 AR-1016-1	5.620	4.710	57948622	17713003	536.660	550.709
4)	L1 AR-1016-2	5.642	4.729	85813987	24928637	530.278	548.779
5)	L1 AR-1016-3	5.705	4.906	53222323	13521993	534.504	555.390
6)	L1 AR-1016-4	5.804	4.948	41801384	11248567	530.105	535.417
7)	L1 AR-1016-5	6.102	5.163	42802116	15073309	521.376	542.353
8)	L2 AR-1221-1	4.648	3.835	8469752	1926659	177.774	159.558
9)	L2 AR-1221-2	4.739	3.921	11648046	2591162	327.821	303.766
10)	L2 AR-1221-3	4.815	3.997	37889607	9168396	365.725	342.147
11)	L3 AR-1232-1	4.815	3.997	37889607	9168396	441.263	415.657
12)	L3 AR-1232-2	5.349	4.729	48956744	24928637	1120.368	1215.073
13)	L3 AR-1232-3	5.642	4.906	85813987	13521993	1184.038	1243.614
14)	L3 AR-1232-4	5.804	4.990	41801384	13976214	1212.189	1287.282
15)	L3 AR-1232-5	5.896	5.163	38967134	15073309	1247.384	1243.319
16)	L4 AR-1242-1	5.620	4.710	57948622	17713003	622.153	631.184
17)	L4 AR-1242-2	5.642	4.729	85813987	24928637	611.652	628.106
18)	L4 AR-1242-3	5.705	4.906	53222323	13521993	614.962	639.883
19)	L4 AR-1242-4	5.804	4.990	41801384	13976214	616.350	609.821
20)	L4 AR-1242-5	6.549	5.517	12605945	14298692	179.144	548.867 #
21)	L5 AR-1248-1	5.620	4.710	57948622	17713003	854.024	862.260
22)	L5 AR-1248-2	5.896	4.948	38967134	11248567	360.329	369.197
23)	L5 AR-1248-3	6.102	4.990	42802116	13976214	381.355	438.854
24)	L5 AR-1248-4	6.509	5.163	12494653	15073309	120.863	402.787 #
25)	L5 AR-1248-5	6.549	5.557	12605945	3967317	113.085	119.059
26)	L6 AR-1254-1	6.482	5.517	35863657	14298692	292.531	263.023
27)	L6 AR-1254-2	6.703	5.665	30717958	10705971	171.241	222.325 #
28)	L6 AR-1254-3	7.073	6.086	13932135	18582099	78.673	251.513 #
29)	L6 AR-1254-4	7.362	6.300	8079661	1354190	75.063	34.169 #
30)	L6 AR-1254-5	7.784	6.720	84803701	34252112	705.325	556.128
31)	L7 AR-1260-1	7.240	6.202	71143172	27884162	503.421	524.092
32)	L7 AR-1260-2	7.500	6.390	78288010	34434887	517.929	549.910
33)	L7 AR-1260-3	7.863	6.545	58138937	30203341	513.237	523.777
34)	L7 AR-1260-4	8.091	7.020	61104230	24837684	514.021	529.463
35)	L7 AR-1260-5	8.420	7.262	110.7E6	55717561	540.633	562.089
36)	L8 AR-1262-1	7.863	6.812	58138937	13264805	382.395	489.537 #
37)	L8 AR-1262-2	8.420	7.020	110.7E6	24837684	507.082	426.202
38)	L8 AR-1262-3	8.753	7.547	71040355	12410879	459.167	284.512 #
39)	L8 AR-1262-4	8.830	7.610	18553548	39178996	220.845	514.923 #
40)	L8 AR-1262-5	9.510	8.108	28918755	13168729	401.266	419.723
41)	L9 AR-1268-1	8.753	7.547	71040355	12410879	250.314	94.273 #

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Acq On : 08 Sep 2023 09:03
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

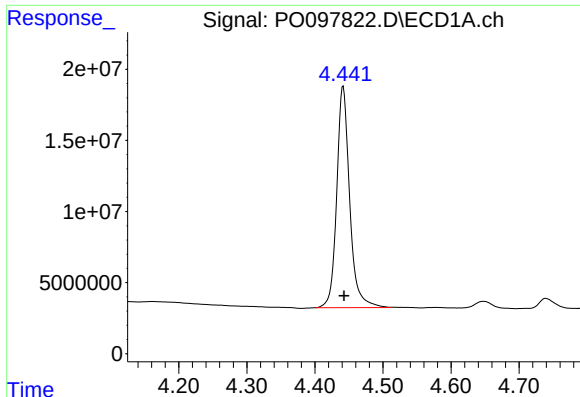
Instrument :
ECD_O
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 08 15:09:36 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0090623.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Sep 07 02:56:18 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	8.830	7.610	18553548	39178996	72.639	339.943 #
43) L9	AR-1268-3	9.071	7.910	1233782	605586	5.521	21.906 #
44) L9	AR-1268-4	9.510	8.108	28918755	13168729	353.875	373.843
45) L9	AR-1268-5	9.940	8.401	7614415	3977638	11.479	12.687

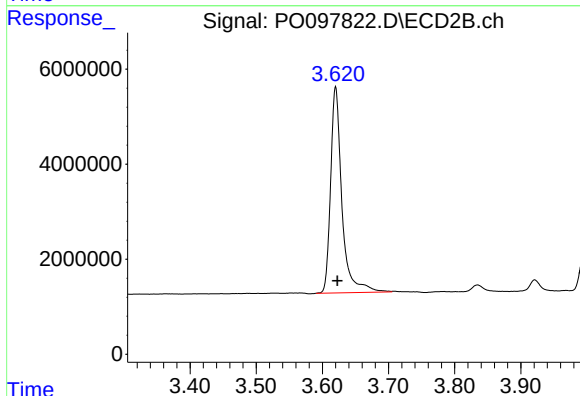
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

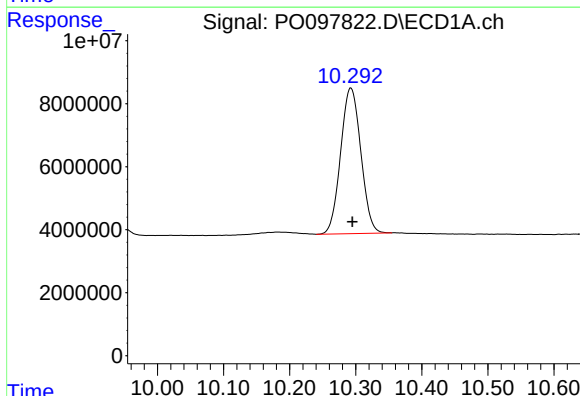
R.T.: 4.441 min
Delta R.T.: -0.002 min
Response: 206050361
Conc: 51.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



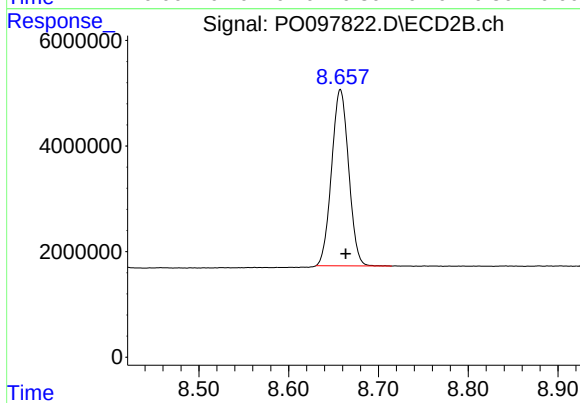
#1 Tetrachloro-m-xylene

R.T.: 3.620 min
Delta R.T.: -0.003 min
Response: 51705154
Conc: 53.99 ng/ml



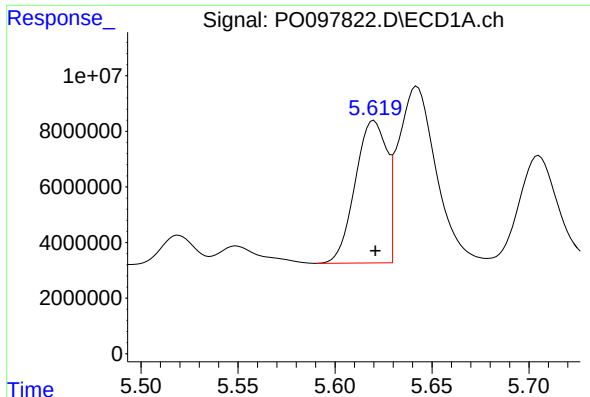
#2 Decachlorobiphenyl

R.T.: 10.293 min
Delta R.T.: -0.002 min
Response: 98118711
Conc: 52.51 ng/ml



#2 Decachlorobiphenyl

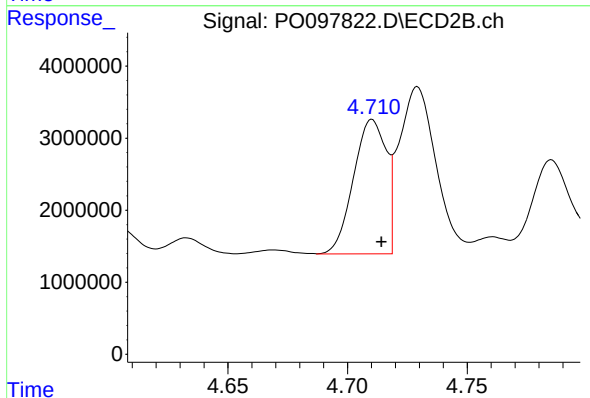
R.T.: 8.658 min
Delta R.T.: -0.006 min
Response: 44129654
Conc: 51.65 ng/ml



#3 AR-1016-1

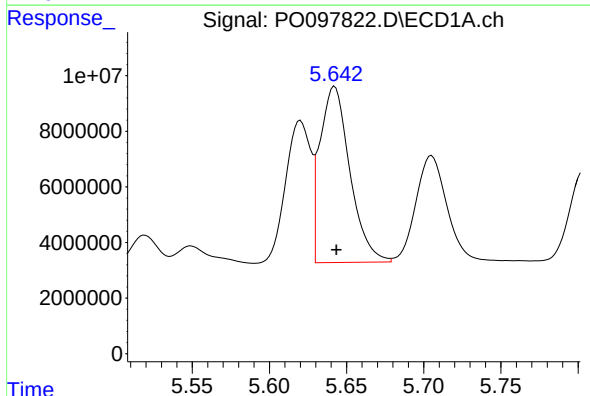
R.T.: 5.620 min
Delta R.T.: 0.000 min
Response: 57948622
Conc: 536.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



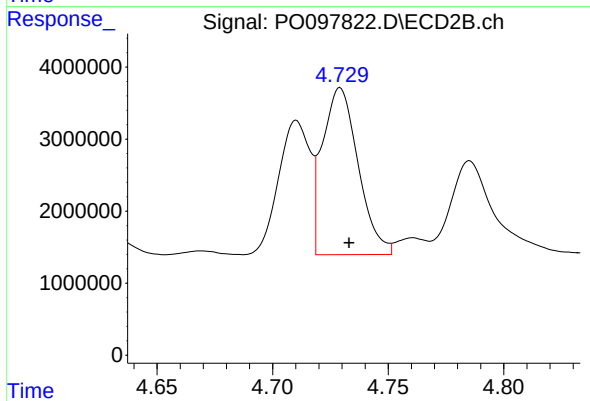
#3 AR-1016-1

R.T.: 4.710 min
Delta R.T.: -0.004 min
Response: 17713003
Conc: 550.71 ng/ml



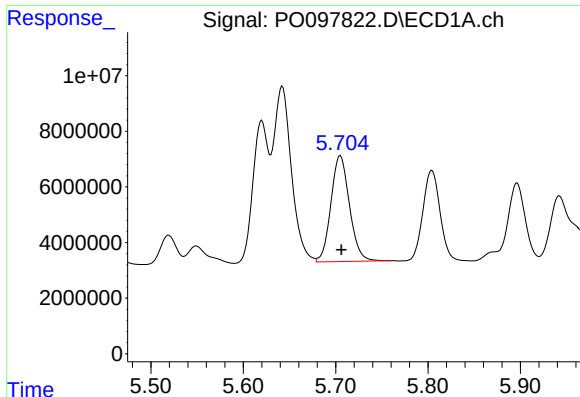
#4 AR-1016-2

R.T.: 5.642 min
Delta R.T.: -0.001 min
Response: 85813987
Conc: 530.28 ng/ml



#4 AR-1016-2

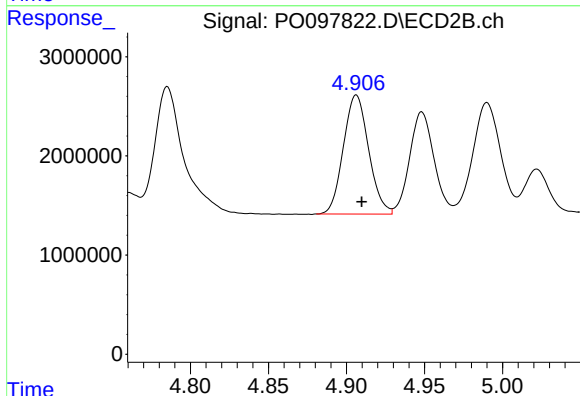
R.T.: 4.729 min
Delta R.T.: -0.004 min
Response: 24928637
Conc: 548.78 ng/ml



#5 AR-1016-3

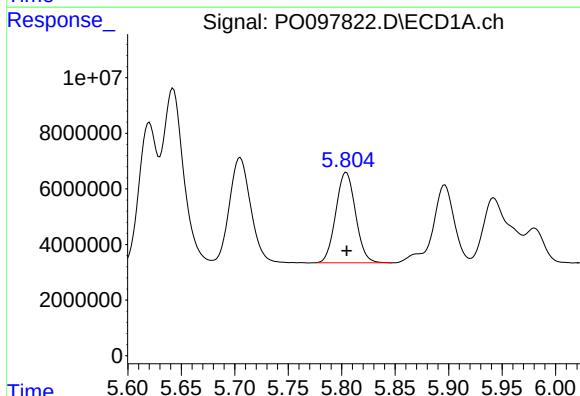
R.T.: 5.705 min
Delta R.T.: -0.001 min
Response: 53222323
Conc: 534.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



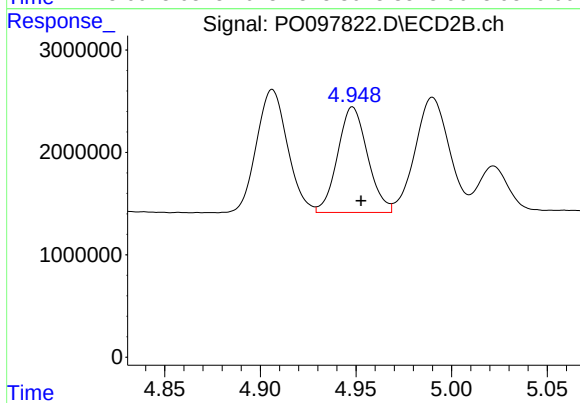
#5 AR-1016-3

R.T.: 4.906 min
Delta R.T.: -0.004 min
Response: 13521993
Conc: 555.39 ng/ml



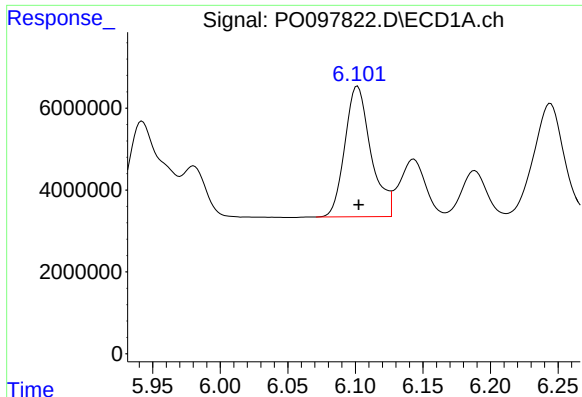
#6 AR-1016-4

R.T.: 5.804 min
Delta R.T.: 0.000 min
Response: 41801384
Conc: 530.11 ng/ml



#6 AR-1016-4

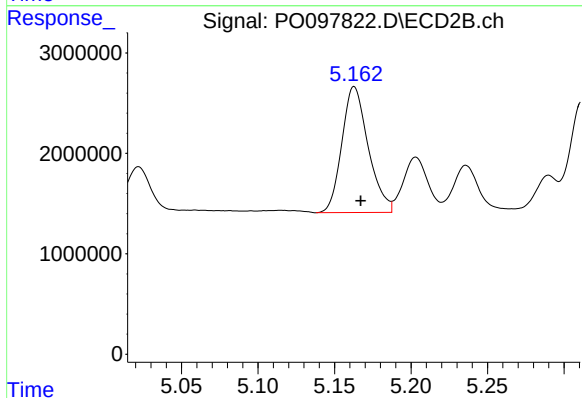
R.T.: 4.948 min
Delta R.T.: -0.004 min
Response: 11248567
Conc: 535.42 ng/ml



#7 AR-1016-5

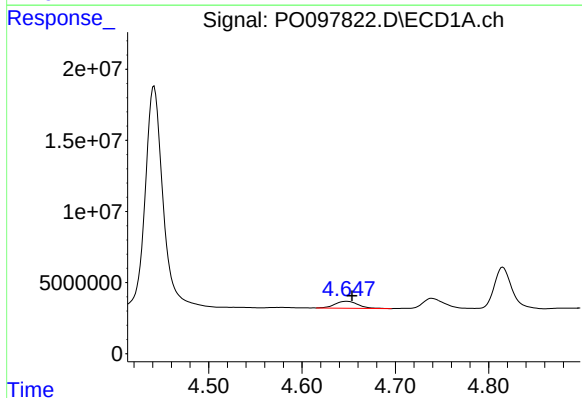
R.T.: 6.102 min
Delta R.T.: 0.000 min
Response: 42802116
Conc: 521.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



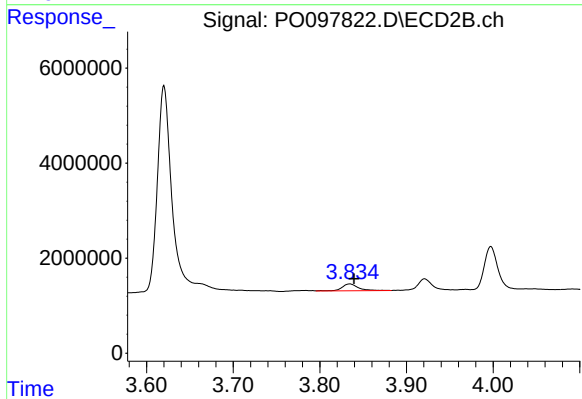
#7 AR-1016-5

R.T.: 5.163 min
Delta R.T.: -0.004 min
Response: 15073309
Conc: 542.35 ng/ml



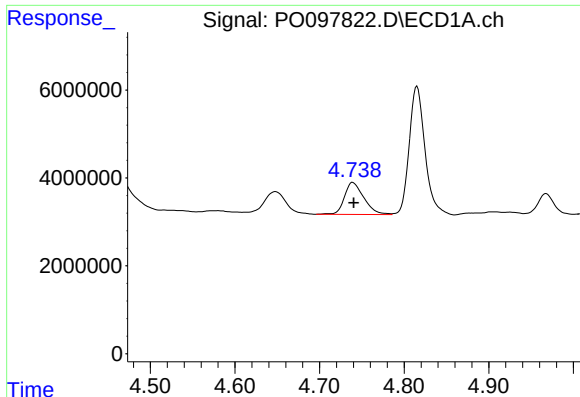
#8 AR-1221-1

R.T.: 4.648 min
Delta R.T.: -0.006 min
Response: 8469752
Conc: 177.77 ng/ml



#8 AR-1221-1

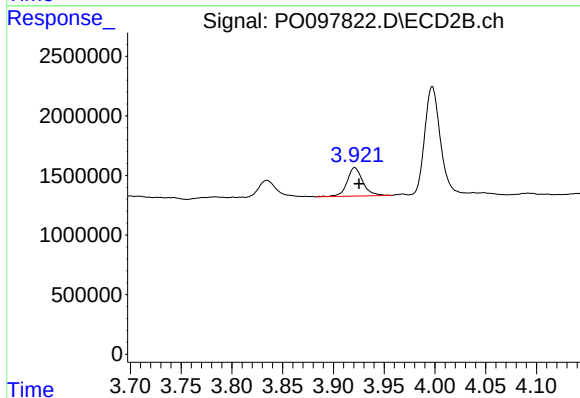
R.T.: 3.835 min
Delta R.T.: -0.005 min
Response: 1926659
Conc: 159.56 ng/ml



#9 AR-1221-2

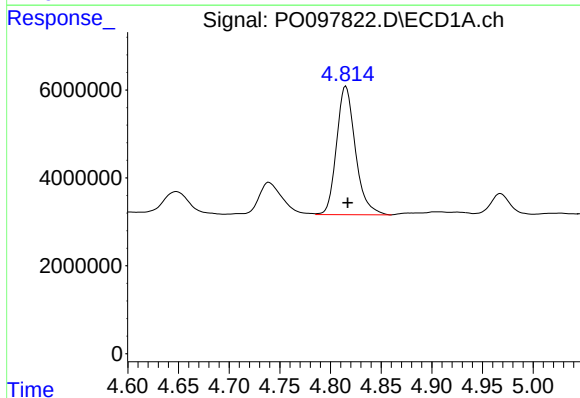
R.T.: 4.739 min
Delta R.T.: -0.001 min
Response: 11648046
Conc: 327.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



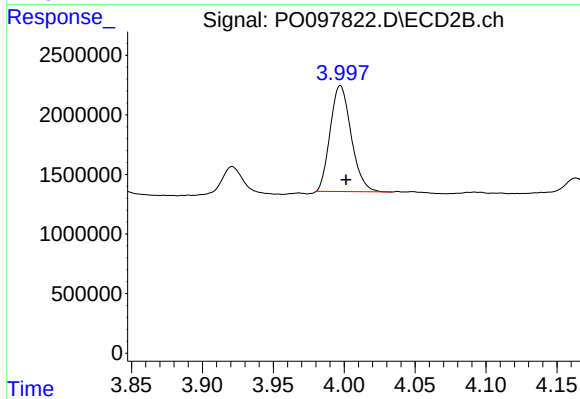
#9 AR-1221-2

R.T.: 3.921 min
Delta R.T.: -0.004 min
Response: 2591162
Conc: 303.77 ng/ml



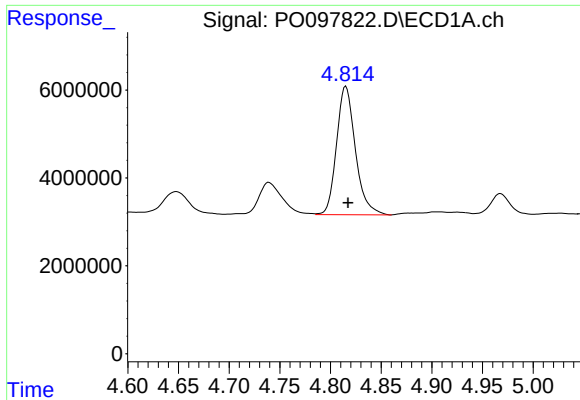
#10 AR-1221-3

R.T.: 4.815 min
Delta R.T.: -0.002 min
Response: 37889607
Conc: 365.72 ng/ml



#10 AR-1221-3

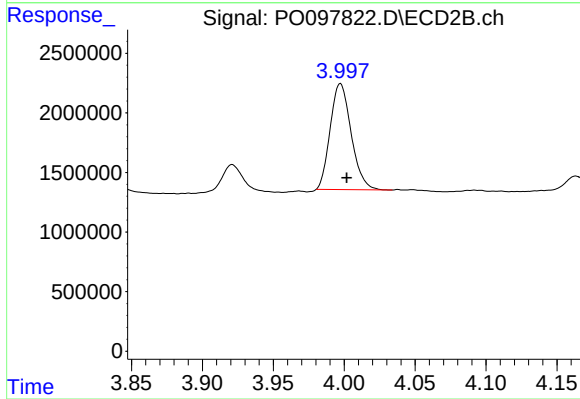
R.T.: 3.997 min
Delta R.T.: -0.004 min
Response: 9168396
Conc: 342.15 ng/ml



#11 AR-1232-1

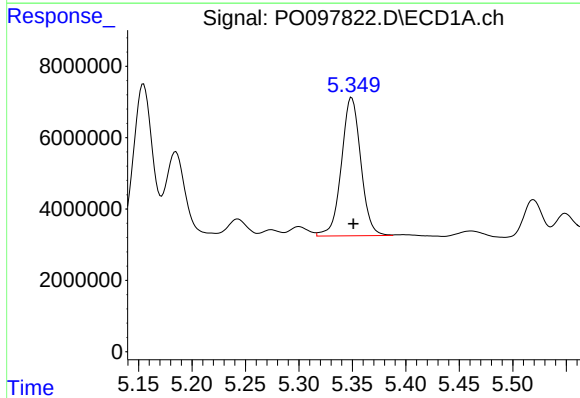
R.T.: 4.815 min
Delta R.T.: -0.002 min
Response: 37889607
Conc: 441.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



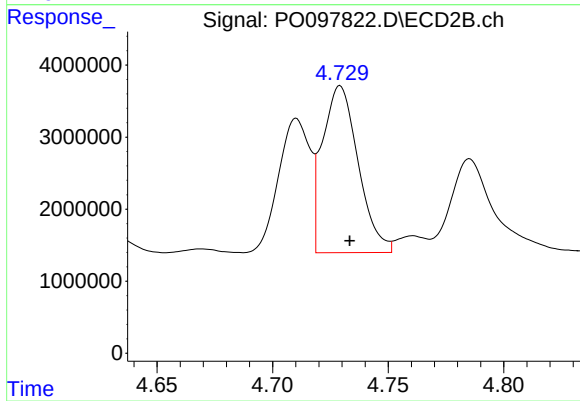
#11 AR-1232-1

R.T.: 3.997 min
Delta R.T.: -0.004 min
Response: 9168396
Conc: 415.66 ng/ml



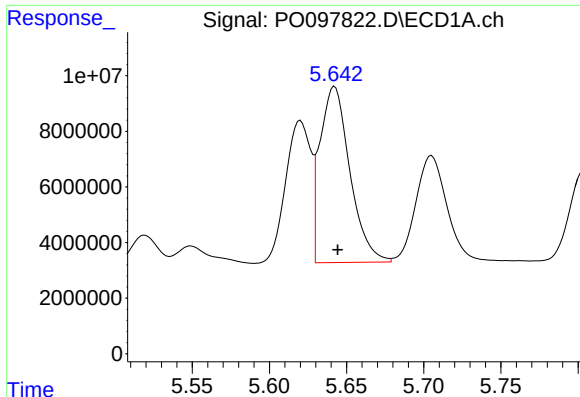
#12 AR-1232-2

R.T.: 5.349 min
Delta R.T.: -0.002 min
Response: 48956744
Conc: 1120.37 ng/ml



#12 AR-1232-2

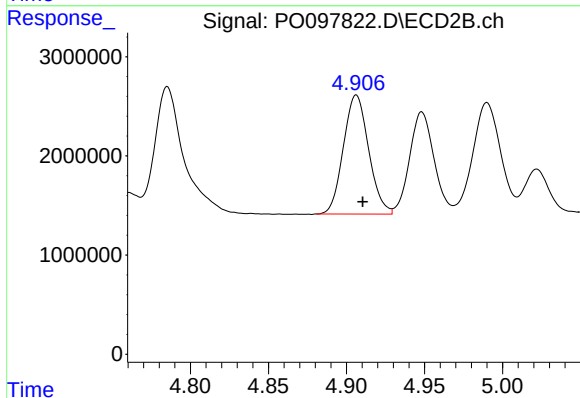
R.T.: 4.729 min
Delta R.T.: -0.004 min
Response: 24928637
Conc: 1215.07 ng/ml



#13 AR-1232-3

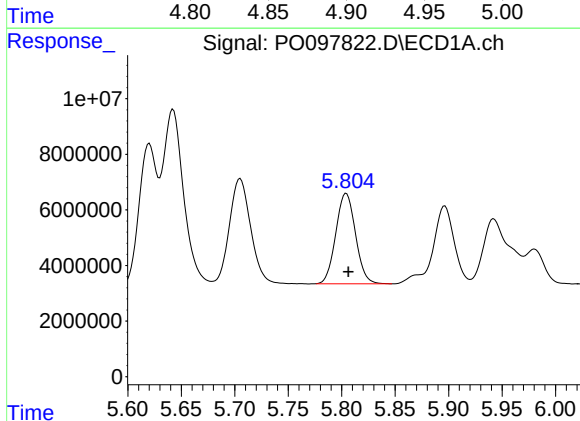
R.T.: 5.642 min
Delta R.T.: -0.002 min
Response: 85813987
Conc: 1184.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



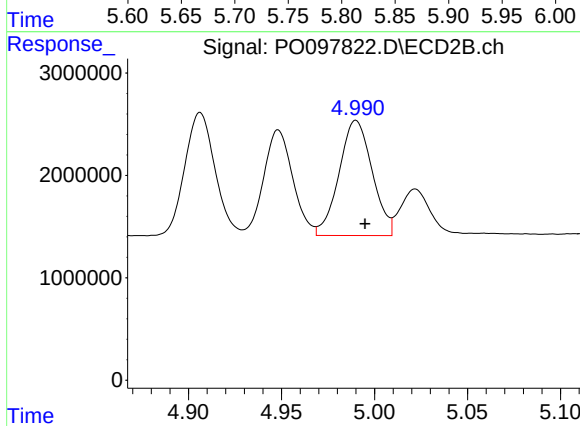
#13 AR-1232-3

R.T.: 4.906 min
Delta R.T.: -0.004 min
Response: 13521993
Conc: 1243.61 ng/ml



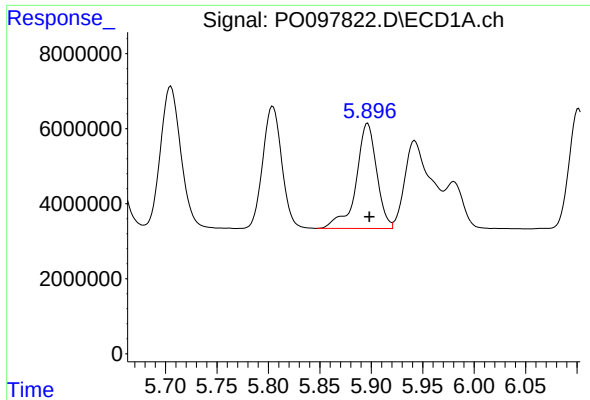
#14 AR-1232-4

R.T.: 5.804 min
Delta R.T.: -0.002 min
Response: 41801384
Conc: 1212.19 ng/ml



#14 AR-1232-4

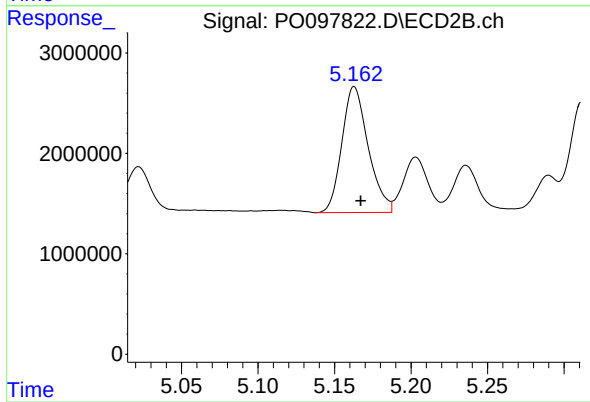
R.T.: 4.990 min
Delta R.T.: -0.005 min
Response: 13976214
Conc: 1287.28 ng/ml



#15 AR-1232-5

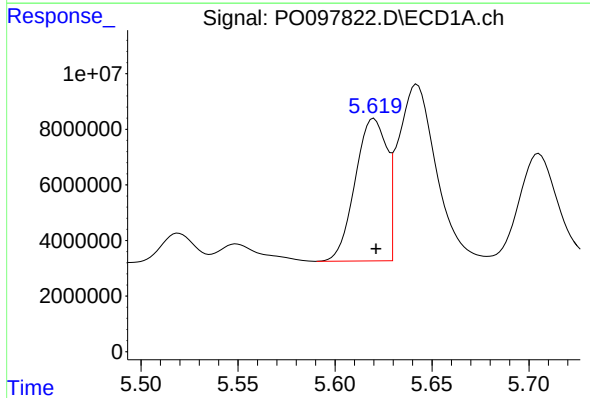
R.T.: 5.896 min
Delta R.T.: -0.002 min
Response: 38967134
Conc: 1247.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



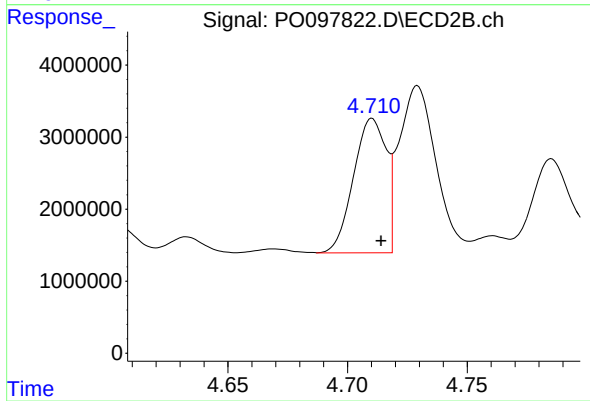
#15 AR-1232-5

R.T.: 5.163 min
Delta R.T.: -0.004 min
Response: 15073309
Conc: 1243.32 ng/ml



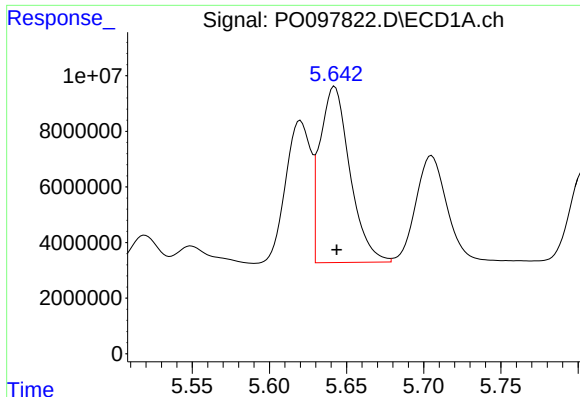
#16 AR-1242-1

R.T.: 5.620 min
Delta R.T.: -0.001 min
Response: 57948622
Conc: 622.15 ng/ml



#16 AR-1242-1

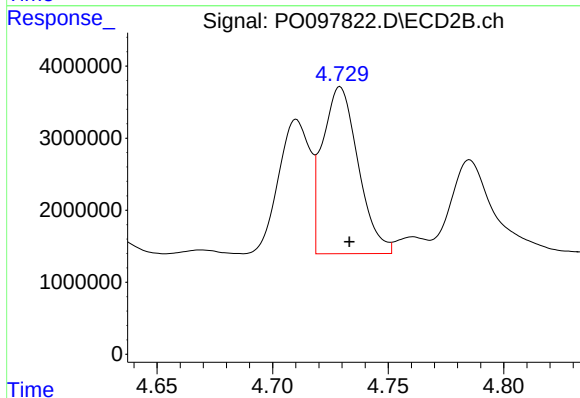
R.T.: 4.710 min
Delta R.T.: -0.004 min
Response: 17713003
Conc: 631.18 ng/ml



#17 AR-1242-2

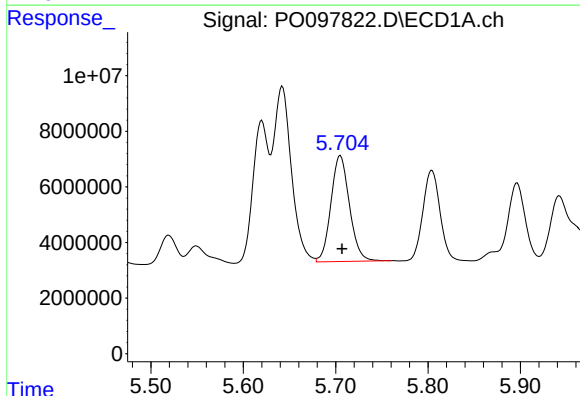
R.T.: 5.642 min
Delta R.T.: -0.001 min
Response: 85813987
Conc: 611.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



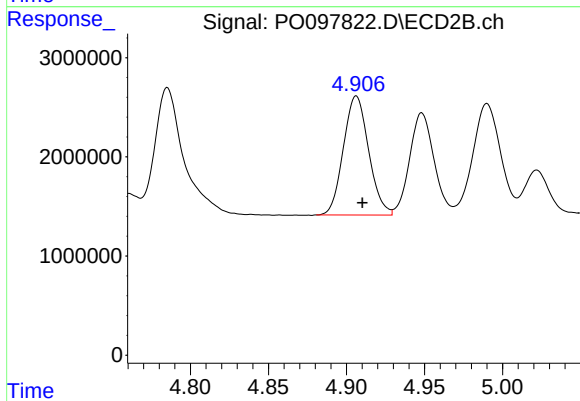
#17 AR-1242-2

R.T.: 4.729 min
Delta R.T.: -0.004 min
Response: 24928637
Conc: 628.11 ng/ml



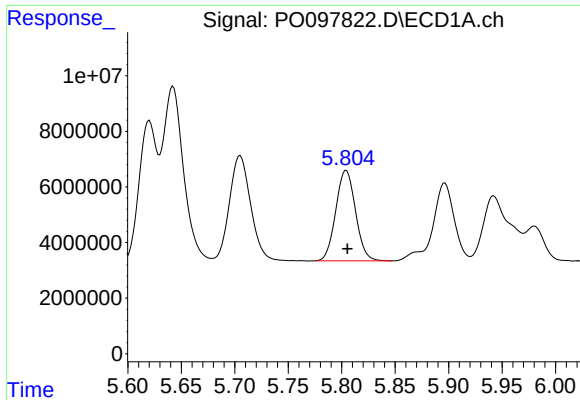
#18 AR-1242-3

R.T.: 5.705 min
Delta R.T.: -0.002 min
Response: 53222323
Conc: 614.96 ng/ml



#18 AR-1242-3

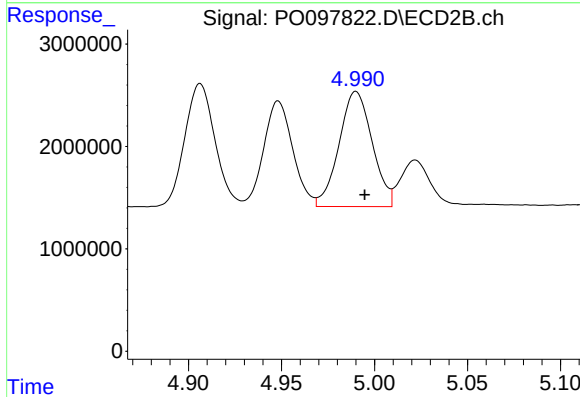
R.T.: 4.906 min
Delta R.T.: -0.004 min
Response: 13521993
Conc: 639.88 ng/ml



#19 AR-1242-4

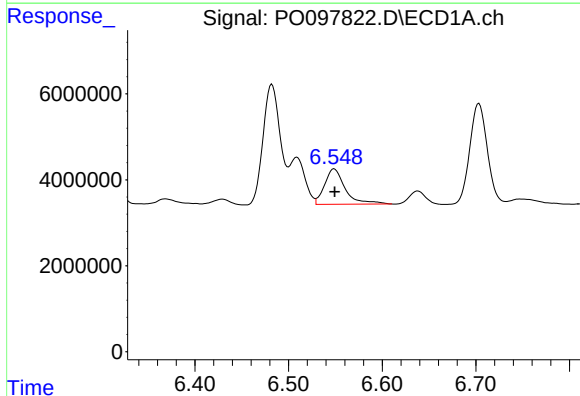
R.T.: 5.804 min
Delta R.T.: -0.001 min
Response: 41801384
Conc: 616.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



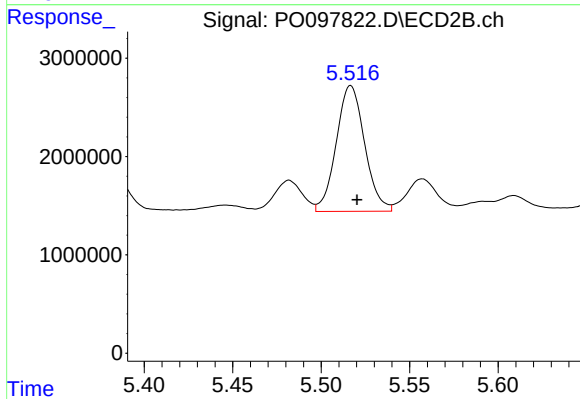
#19 AR-1242-4

R.T.: 4.990 min
Delta R.T.: -0.005 min
Response: 13976214
Conc: 609.82 ng/ml



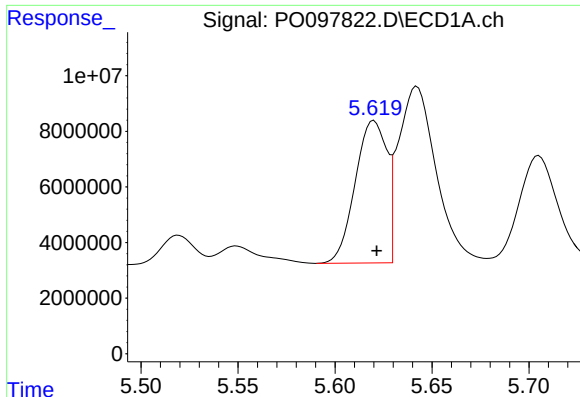
#20 AR-1242-5

R.T.: 6.549 min
Delta R.T.: 0.000 min
Response: 12605945
Conc: 179.14 ng/ml



#20 AR-1242-5

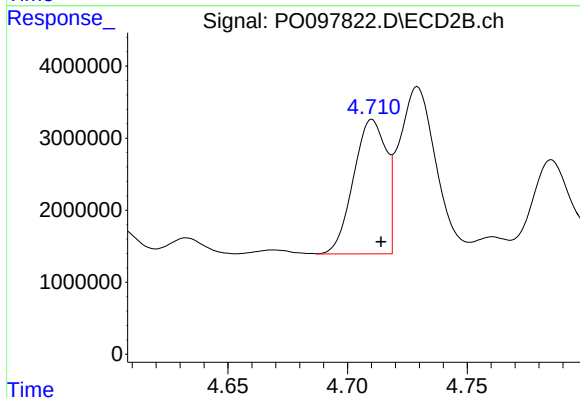
R.T.: 5.517 min
Delta R.T.: -0.003 min
Response: 14298692
Conc: 548.87 ng/ml



#21 AR-1248-1

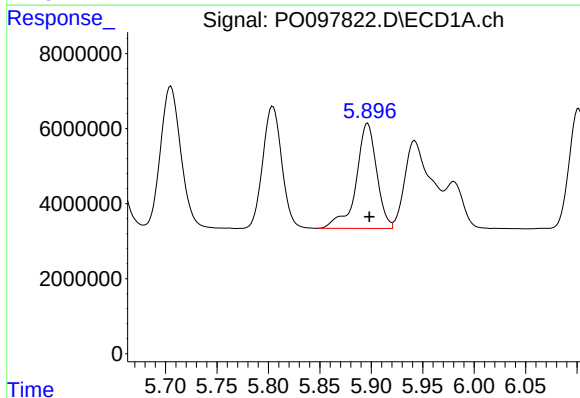
R.T.: 5.620 min
Delta R.T.: -0.001 min
Response: 57948622
Conc: 854.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



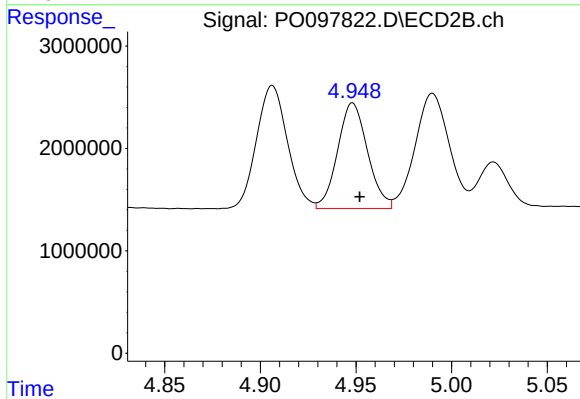
#21 AR-1248-1

R.T.: 4.710 min
Delta R.T.: -0.004 min
Response: 17713003
Conc: 862.26 ng/ml



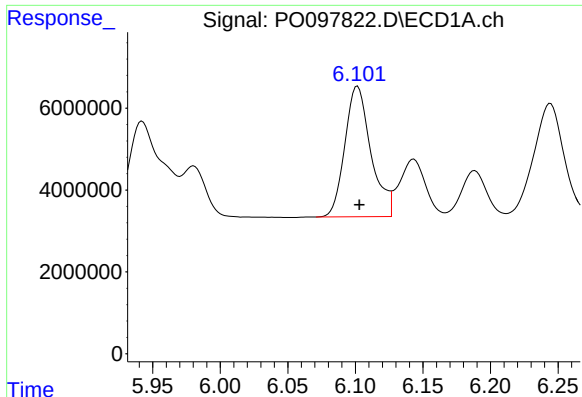
#22 AR-1248-2

R.T.: 5.896 min
Delta R.T.: -0.002 min
Response: 38967134
Conc: 360.33 ng/ml



#22 AR-1248-2

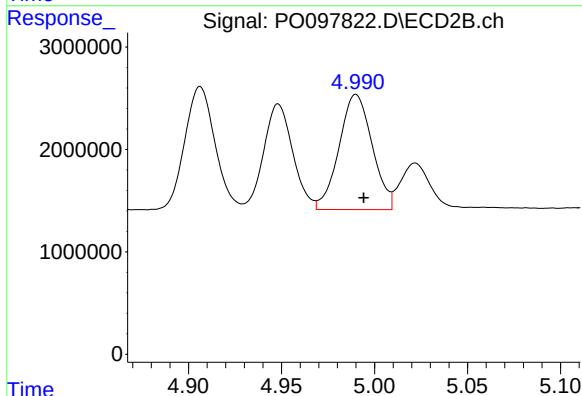
R.T.: 4.948 min
Delta R.T.: -0.004 min
Response: 11248567
Conc: 369.20 ng/ml



#23 AR-1248-3

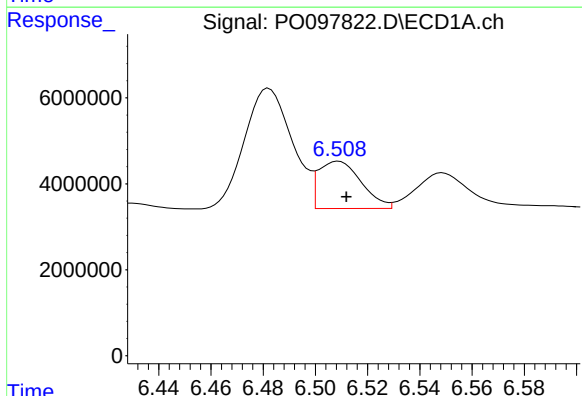
R.T.: 6.102 min
Delta R.T.: -0.001 min
Response: 42802116
Conc: 381.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



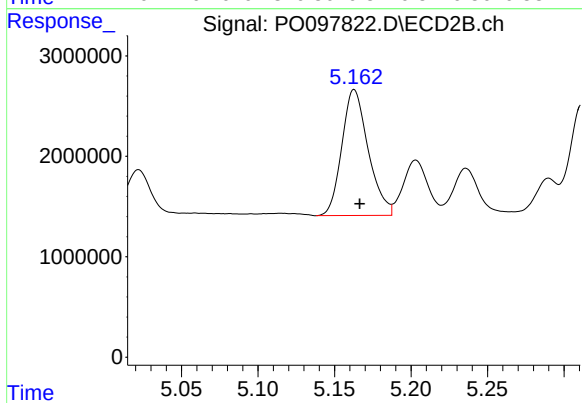
#23 AR-1248-3

R.T.: 4.990 min
Delta R.T.: -0.004 min
Response: 13976214
Conc: 438.85 ng/ml



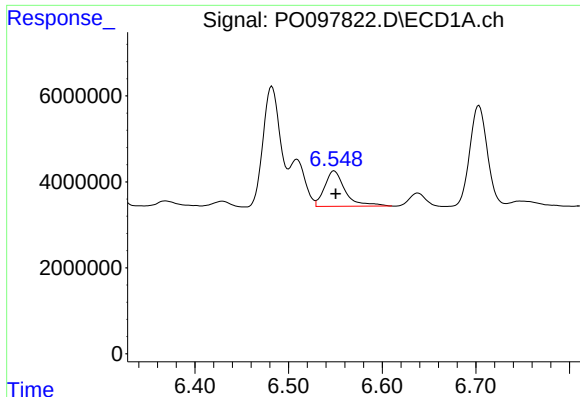
#24 AR-1248-4

R.T.: 6.509 min
Delta R.T.: -0.003 min
Response: 12494653
Conc: 120.86 ng/ml



#24 AR-1248-4

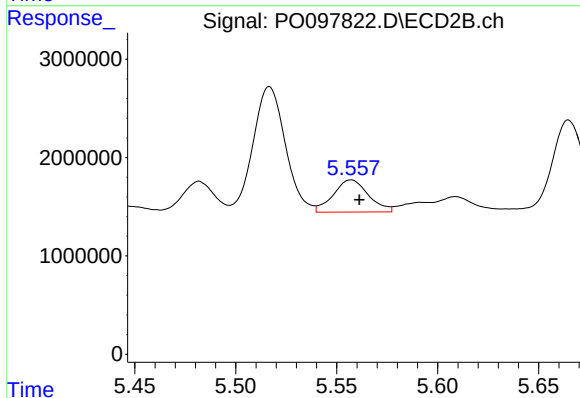
R.T.: 5.163 min
Delta R.T.: -0.004 min
Response: 15073309
Conc: 402.79 ng/ml



#25 AR-1248-5

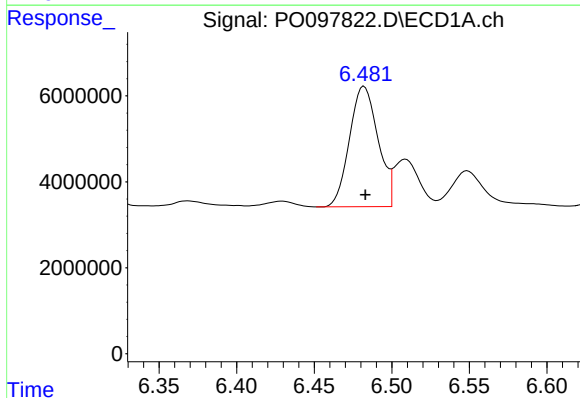
R.T.: 6.549 min
Delta R.T.: -0.002 min
Response: 12605945
Conc: 113.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



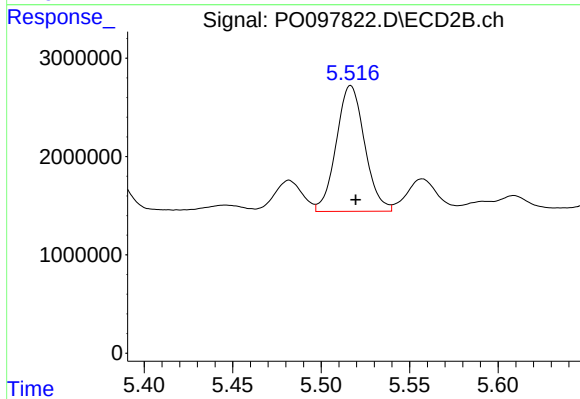
#25 AR-1248-5

R.T.: 5.557 min
Delta R.T.: -0.004 min
Response: 3967317
Conc: 119.06 ng/ml



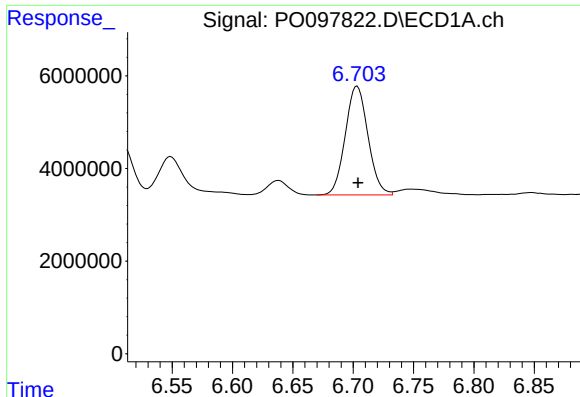
#26 AR-1254-1

R.T.: 6.482 min
Delta R.T.: 0.000 min
Response: 35863657
Conc: 292.53 ng/ml



#26 AR-1254-1

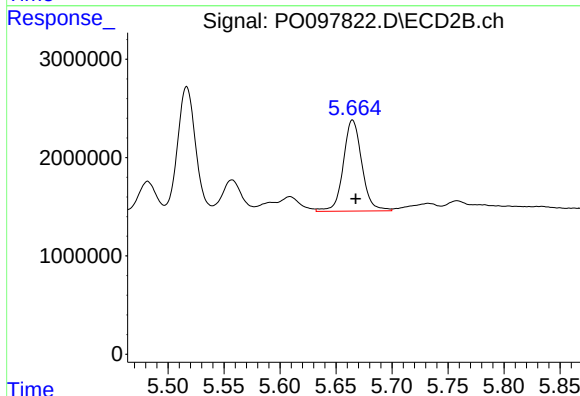
R.T.: 5.517 min
Delta R.T.: -0.003 min
Response: 14298692
Conc: 263.02 ng/ml



#27 AR-1254-2

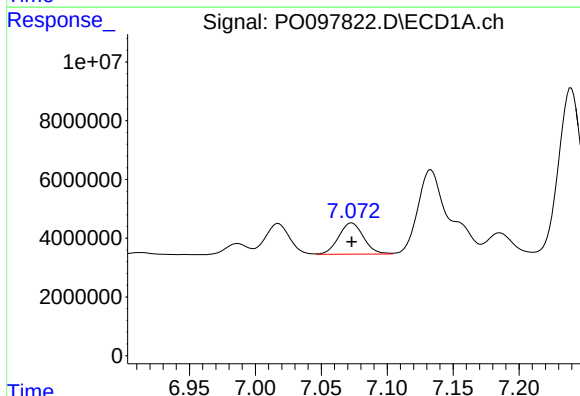
R.T.: 6.703 min
Delta R.T.: 0.000 min
Response: 30717958
Conc: 171.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



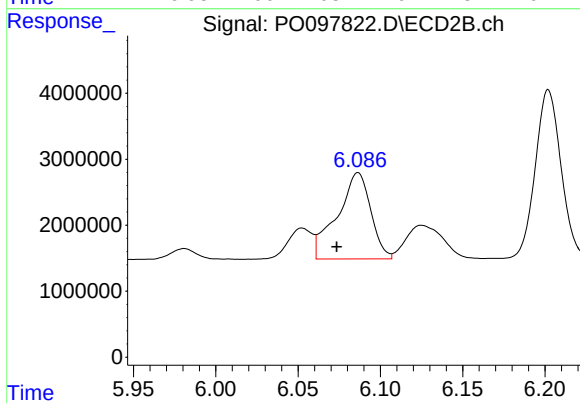
#27 AR-1254-2

R.T.: 5.665 min
Delta R.T.: -0.003 min
Response: 10705971
Conc: 222.33 ng/ml



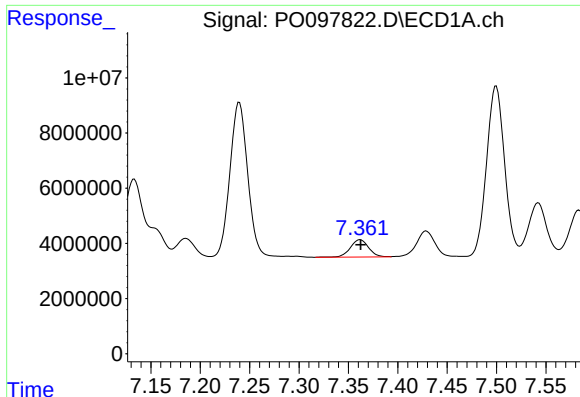
#28 AR-1254-3

R.T.: 7.073 min
Delta R.T.: 0.000 min
Response: 13932135
Conc: 78.67 ng/ml



#28 AR-1254-3

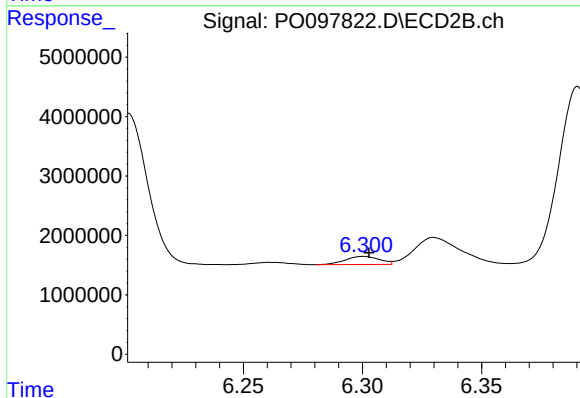
R.T.: 6.086 min
Delta R.T.: 0.013 min
Response: 18582099
Conc: 251.51 ng/ml



#29 AR-1254-4

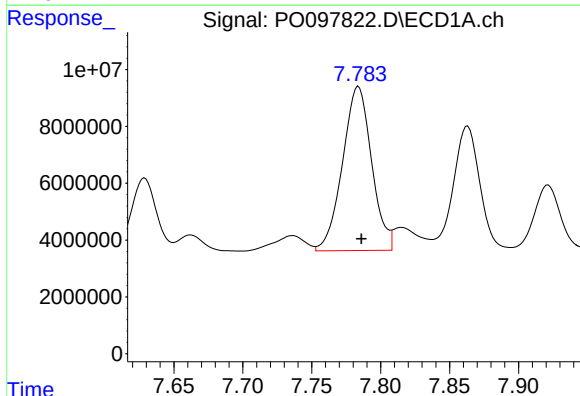
R.T.: 7.362 min
Delta R.T.: 0.000 min
Response: 8079661
Conc: 75.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



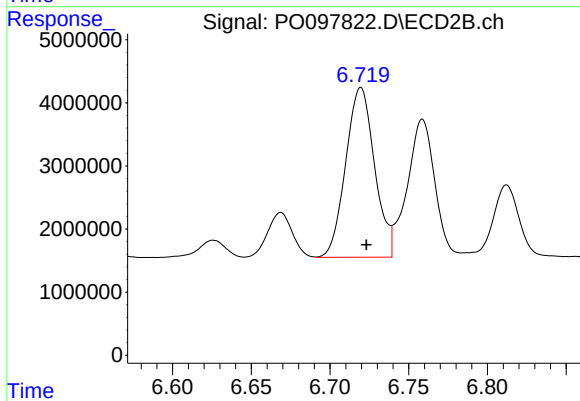
#29 AR-1254-4

R.T.: 6.300 min
Delta R.T.: -0.002 min
Response: 1354190
Conc: 34.17 ng/ml



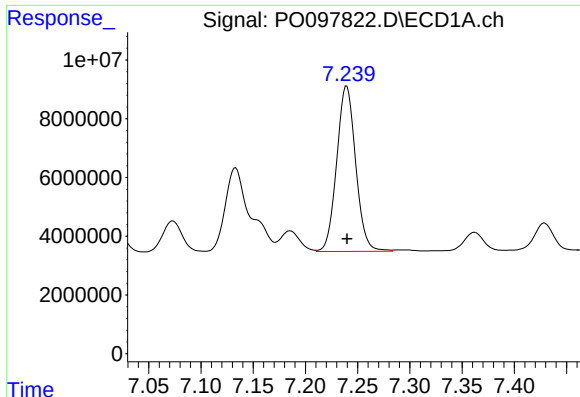
#30 AR-1254-5

R.T.: 7.784 min
Delta R.T.: -0.002 min
Response: 84803701
Conc: 705.33 ng/ml



#30 AR-1254-5

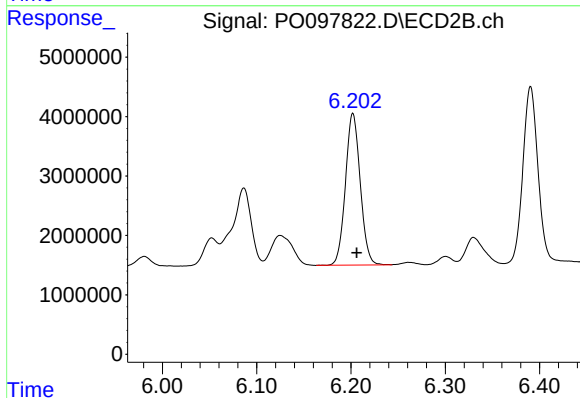
R.T.: 6.720 min
Delta R.T.: -0.003 min
Response: 34252112
Conc: 556.13 ng/ml



#31 AR-1260-1

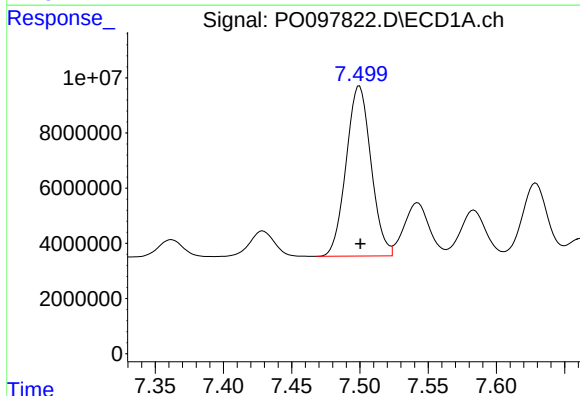
R.T.: 7.240 min
Delta R.T.: 0.000 min
Response: 71143172
Conc: 503.42 ng/ml

Instrument :
ECD_O
ClientSampleId :



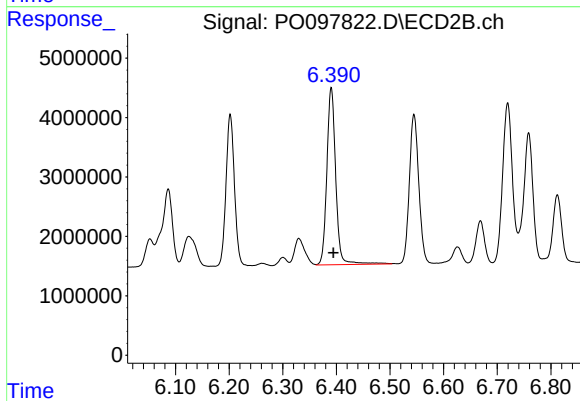
#31 AR-1260-1

R.T.: 6.202 min
Delta R.T.: -0.004 min
Response: 27884162
Conc: 524.09 ng/ml



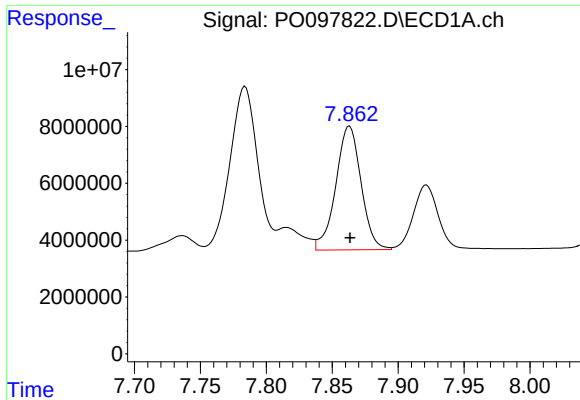
#32 AR-1260-2

R.T.: 7.500 min
Delta R.T.: 0.000 min
Response: 78288010
Conc: 517.93 ng/ml



#32 AR-1260-2

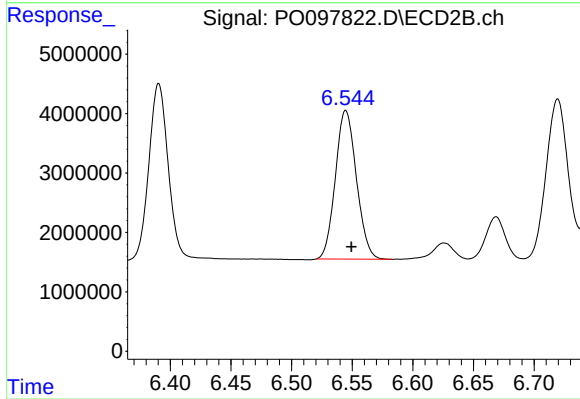
R.T.: 6.390 min
Delta R.T.: -0.004 min
Response: 34434887
Conc: 549.91 ng/ml



#33 AR-1260-3

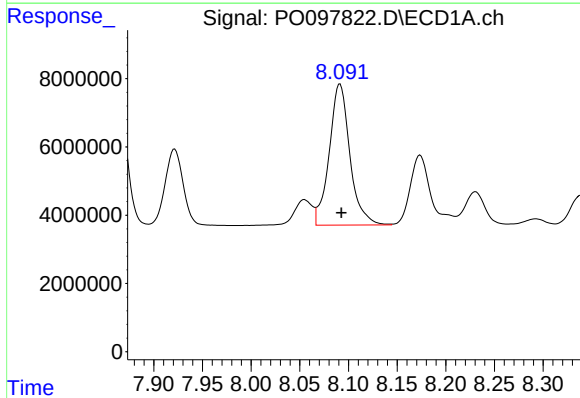
R.T.: 7.863 min
Delta R.T.: 0.000 min
Response: 58138937
Conc: 513.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



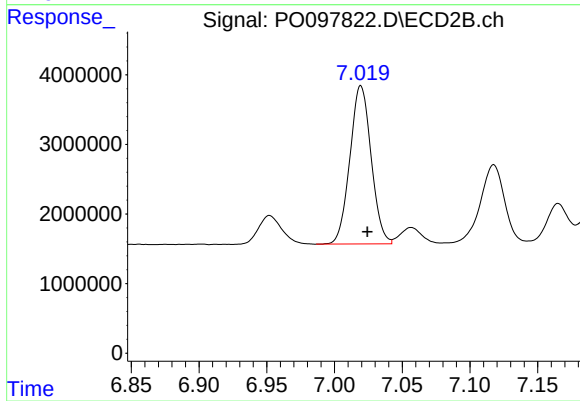
#33 AR-1260-3

R.T.: 6.545 min
Delta R.T.: -0.005 min
Response: 30203341
Conc: 523.78 ng/ml



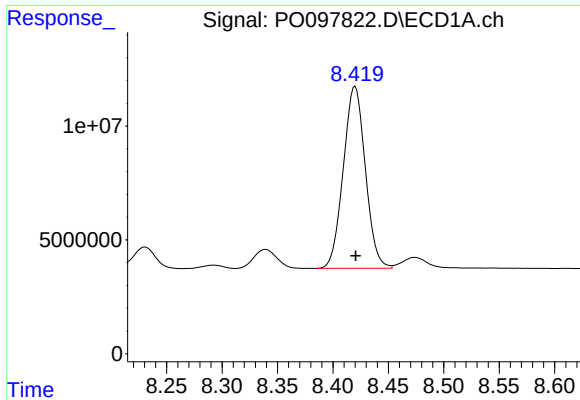
#34 AR-1260-4

R.T.: 8.091 min
Delta R.T.: -0.002 min
Response: 61104230
Conc: 514.02 ng/ml



#34 AR-1260-4

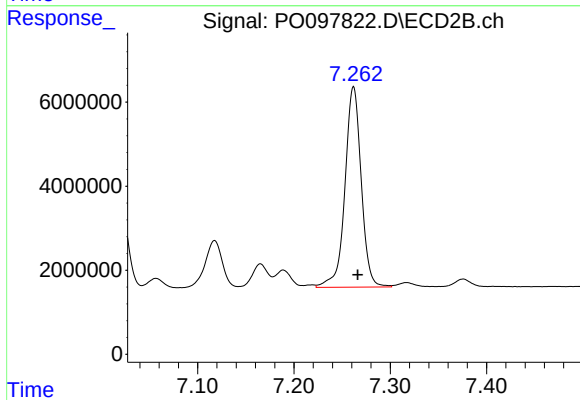
R.T.: 7.020 min
Delta R.T.: -0.005 min
Response: 24837684
Conc: 529.46 ng/ml



#35 AR-1260-5

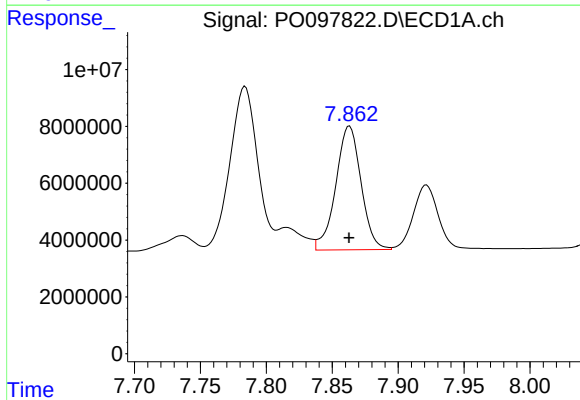
R.T.: 8.420 min
Delta R.T.: 0.000 min
Response: 110677707
Conc: 540.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



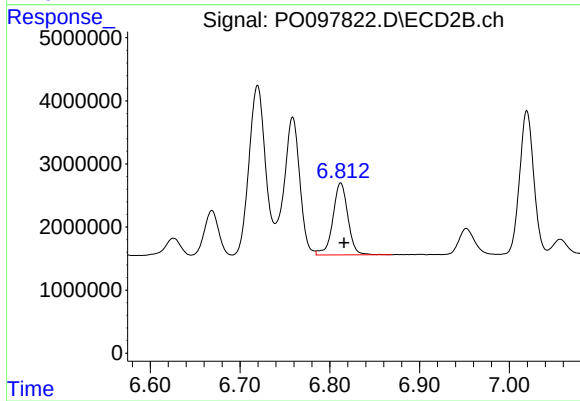
#35 AR-1260-5

R.T.: 7.262 min
Delta R.T.: -0.004 min
Response: 55717561
Conc: 562.09 ng/ml



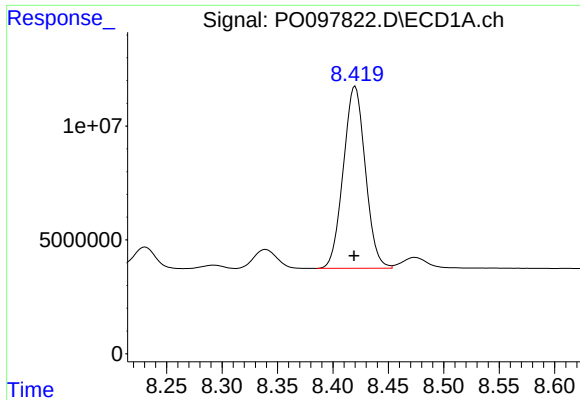
#36 AR-1262-1

R.T.: 7.863 min
Delta R.T.: 0.000 min
Response: 58138937
Conc: 382.40 ng/ml



#36 AR-1262-1

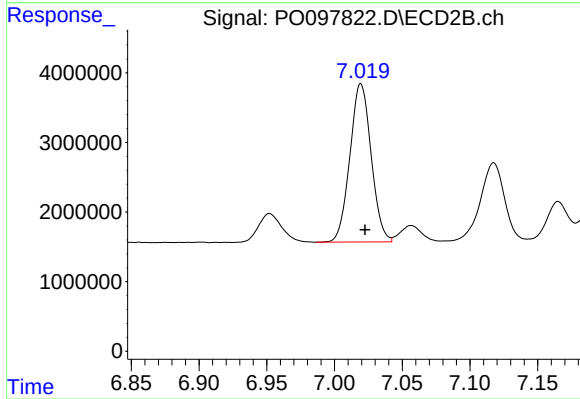
R.T.: 6.812 min
Delta R.T.: -0.004 min
Response: 13264805
Conc: 489.54 ng/ml



#37 AR-1262-2

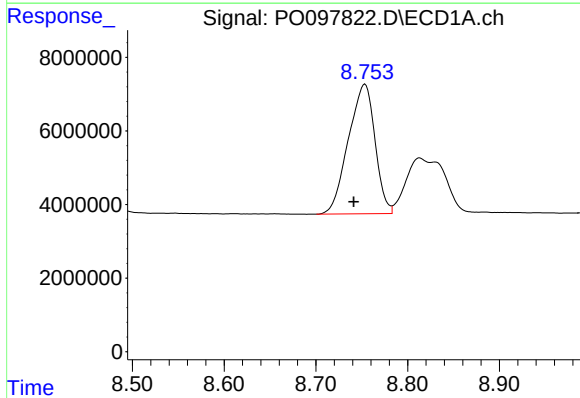
R.T.: 8.420 min
Delta R.T.: 0.000 min
Response: 110677707
Conc: 507.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



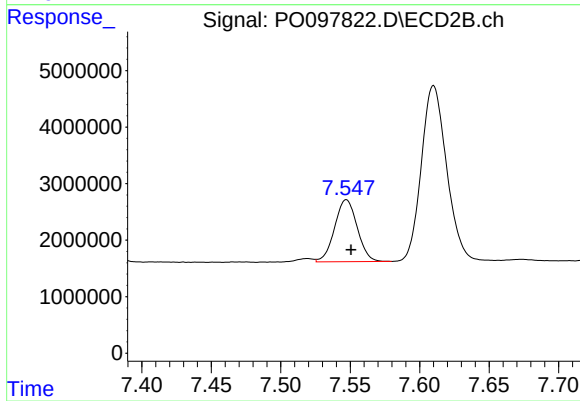
#37 AR-1262-2

R.T.: 7.020 min
Delta R.T.: -0.003 min
Response: 24837684
Conc: 426.20 ng/ml



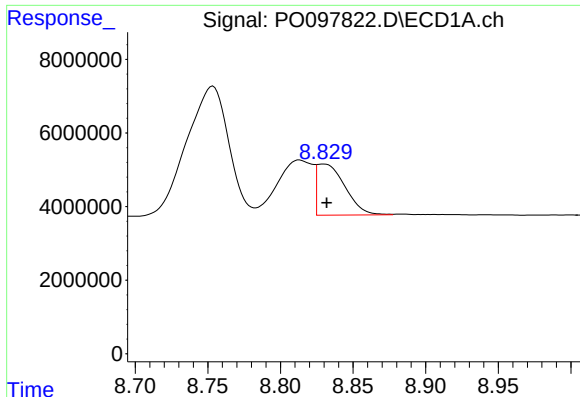
#38 AR-1262-3

R.T.: 8.753 min
Delta R.T.: 0.012 min
Response: 71040355
Conc: 459.17 ng/ml



#38 AR-1262-3

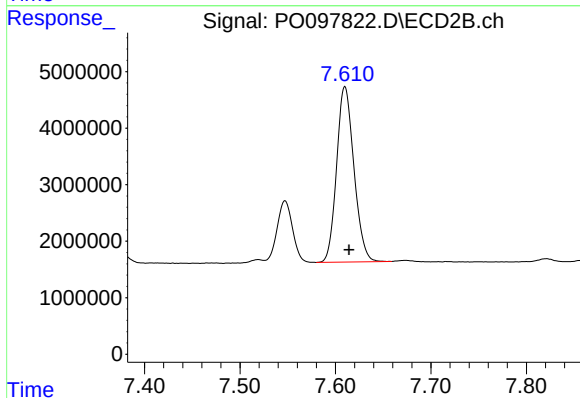
R.T.: 7.547 min
Delta R.T.: -0.003 min
Response: 12410879
Conc: 284.51 ng/ml



#39 AR-1262-4

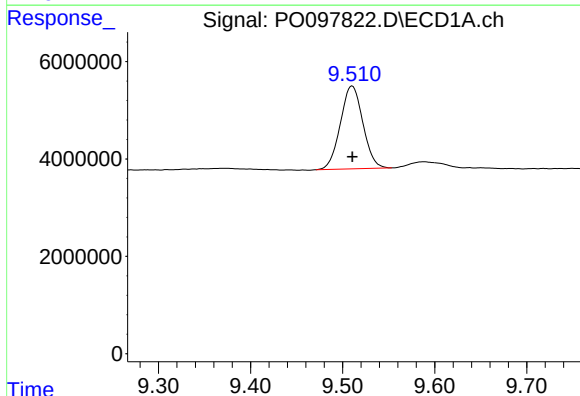
R.T.: 8.830 min
Delta R.T.: -0.002 min
Response: 18553548
Conc: 220.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



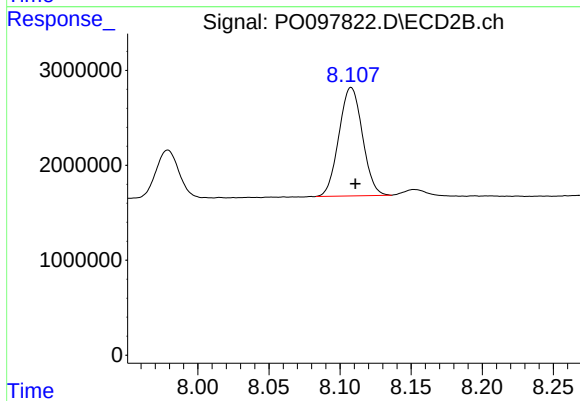
#39 AR-1262-4

R.T.: 7.610 min
Delta R.T.: -0.004 min
Response: 39178996
Conc: 514.92 ng/ml



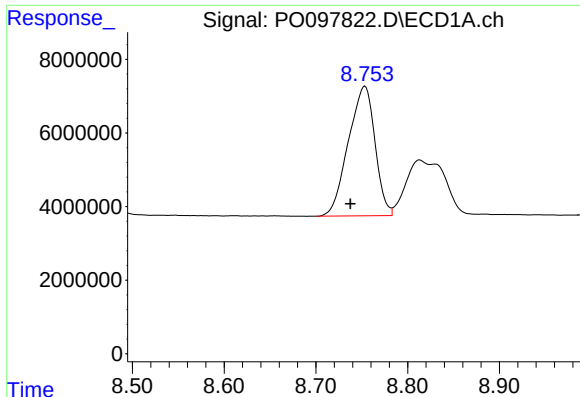
#40 AR-1262-5

R.T.: 9.510 min
Delta R.T.: 0.000 min
Response: 28918755
Conc: 401.27 ng/ml



#40 AR-1262-5

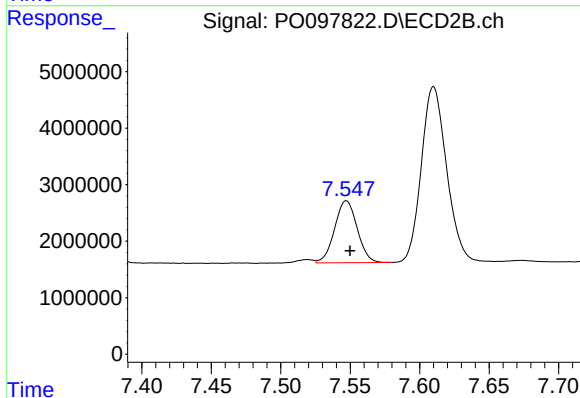
R.T.: 8.108 min
Delta R.T.: -0.003 min
Response: 13168729
Conc: 419.72 ng/ml



#41 AR-1268-1

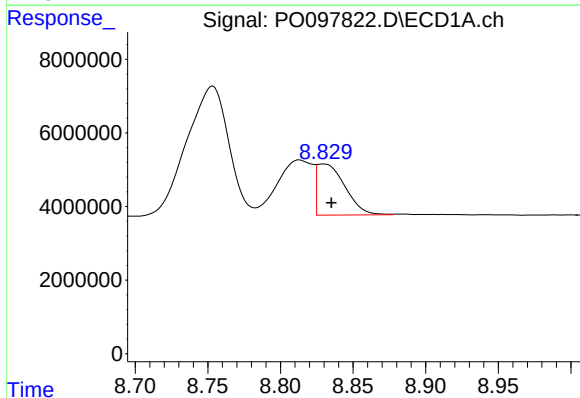
R.T.: 8.753 min
Delta R.T.: 0.016 min
Response: 71040355
Conc: 250.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



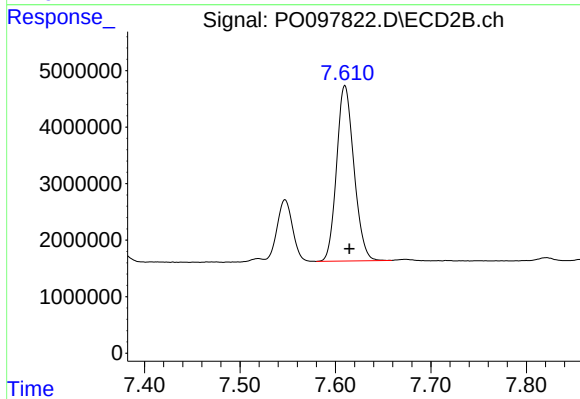
#41 AR-1268-1

R.T.: 7.547 min
Delta R.T.: -0.003 min
Response: 12410879
Conc: 94.27 ng/ml



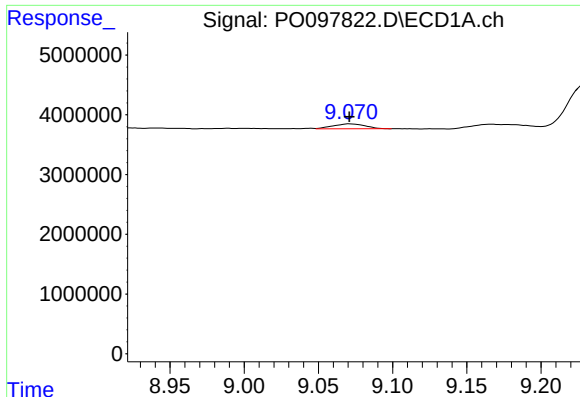
#42 AR-1268-2

R.T.: 8.830 min
Delta R.T.: -0.005 min
Response: 18553548
Conc: 72.64 ng/ml



#42 AR-1268-2

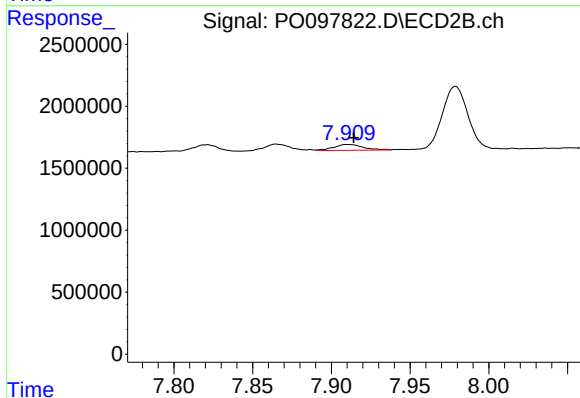
R.T.: 7.610 min
Delta R.T.: -0.005 min
Response: 39178996
Conc: 339.94 ng/ml



#43 AR-1268-3

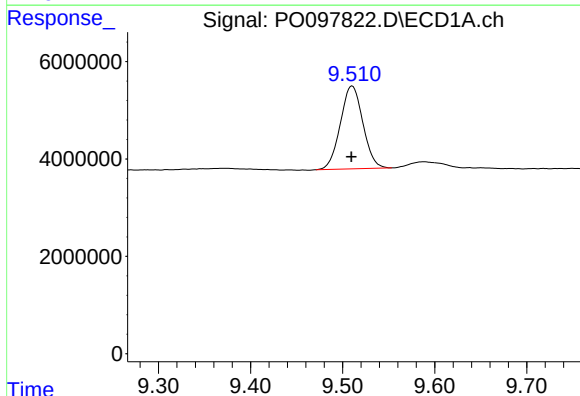
R.T.: 9.071 min
Delta R.T.: 0.000 min
Response: 1233782
Conc: 5.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



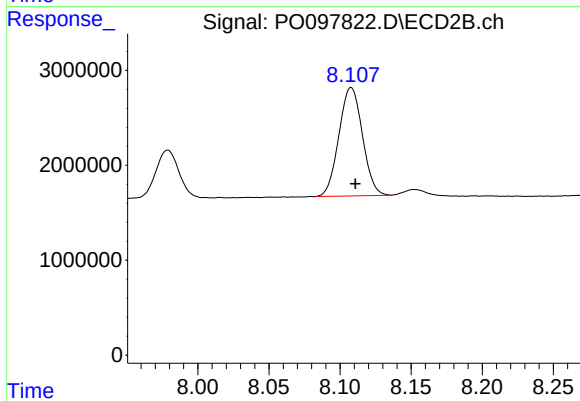
#43 AR-1268-3

R.T.: 7.910 min
Delta R.T.: -0.004 min
Response: 605586
Conc: 21.91 ng/ml



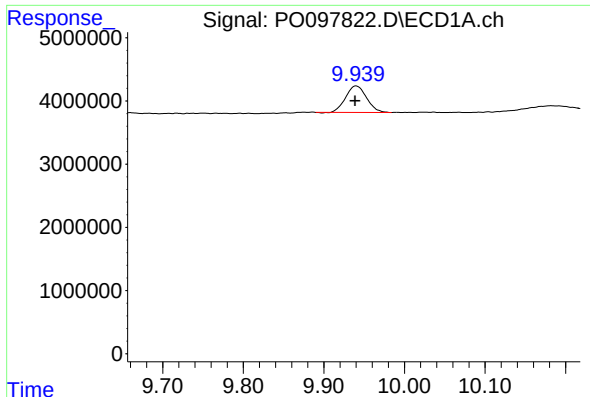
#44 AR-1268-4

R.T.: 9.510 min
Delta R.T.: 0.001 min
Response: 28918755
Conc: 353.87 ng/ml



#44 AR-1268-4

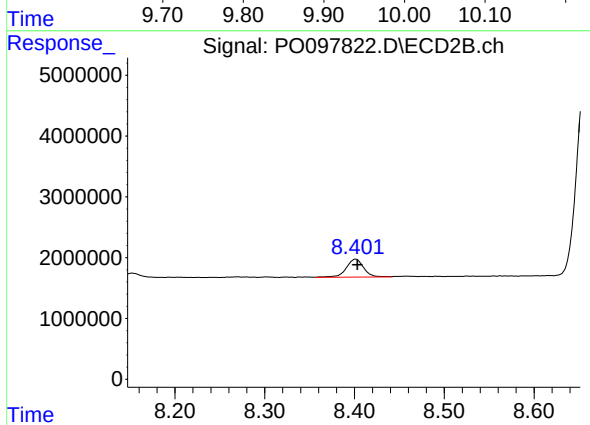
R.T.: 8.108 min
Delta R.T.: -0.003 min
Response: 13168729
Conc: 373.84 ng/ml



#45 AR-1268-5

R.T.: 9.940 min
Delta R.T.: 0.001 min
Response: 7614415
Conc: 11.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.401 min
Delta R.T.: -0.002 min
Response: 3977638
Conc: 12.69 ng/ml