

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102523\
 Data File : PO098954.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Oct 2023 02:47
 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: Oct 26 03:04:37 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102523.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Oct 25 06:04:36 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...	4.476	3.629	103.8E6	38748587	52.533	53.842
2)	SA Decachlor...	10.278	8.629	60642362	28675776	53.530	53.446
Target Compounds							
3)	L1 AR-1016-1	5.650	4.711	30173942	12644832	547.956	564.654
4)	L1 AR-1016-2	5.672	4.730	44948808	17386619	543.583	556.254
5)	L1 AR-1016-3	5.734	4.905	28311691	9660882	550.039	570.543
6)	L1 AR-1016-4	5.833	4.947	22274665	7945913	548.051	549.596
7)	L1 AR-1016-5	6.129	5.161	22592296	10443356	532.296	559.010
8)	L2 AR-1221-1	4.681	3.842	3676081	1289735	148.060	138.832
9)	L2 AR-1221-2	4.772	3.928	5410851	1880197	292.490	289.987
10)	L2 AR-1221-3	4.848	4.004	18579019	7152868	342.934	353.628
11)	L3 AR-1232-1	4.848	4.004	18579019	7152868	406.119	417.282
12)	L3 AR-1232-2	5.380	4.730	25590867	17386619	1083.694	1134.897
13)	L3 AR-1232-3	5.672	4.905	44948808	9660882	1138.169	1207.387
14)	L3 AR-1232-4	5.833	4.989	22274665	9796718	1167.503	1273.331
15)	L3 AR-1232-5	5.925	5.161	20461450	10443356	1228.313	1227.824
16)	L4 AR-1242-1	5.650	4.711	30173942	12644832	696.983	719.688
17)	L4 AR-1242-2	5.672	4.730	44948808	17386619	701.806	717.455
18)	L4 AR-1242-3	5.734	4.905	28311691	9660882	703.821	753.539
19)	L4 AR-1242-4	5.833	4.989	22274665	9796718	711.813	695.950
20)	L4 AR-1242-5	6.573	5.513	4221132	8738269	136.834	522.899 #
21)	L5 AR-1248-1	5.650	4.711	30173942	12644832	888.183	912.327
22)	L5 AR-1248-2	5.925	4.947	20461450	7945913	390.984	400.024
23)	L5 AR-1248-3	6.129	4.989	22592296	9796718	396.511	469.787
24)	L5 AR-1248-4	6.533	5.161	4098096	10443356	75.151	424.812 #
25)	L5 AR-1248-5	6.573	5.552	4221132	1696526	74.308	78.115
26)	L6 AR-1254-1	6.507	5.513	18159980	8738269	275.874	246.611
27)	L6 AR-1254-2	6.726	5.660	17505686	7593095	181.842	237.400 #
28)	L6 AR-1254-3	7.094	6.078	8052918	13228889	90.094	270.599 #
29)	L6 AR-1254-4	7.380	6.292	4437141	1223087	80.994	46.671 #
30)	L6 AR-1254-5	7.799	6.708	48640697	24037263	722.371	570.214
31)	L7 AR-1260-1	7.259	6.193	37984928	18690088	530.064	529.833
32)	L7 AR-1260-2	7.515	6.381	42834872	21641394	542.923	539.868
33)	L7 AR-1260-3	7.876	6.534	29479348	20133672	539.787	532.455
34)	L7 AR-1260-4	8.103	7.006	34068439	15640334	543.731	541.254
35)	L7 AR-1260-5	8.427	7.249	59696958	33839960	557.834	562.316
36)	L8 AR-1262-1	7.876	6.747	29479348	16769995	325.697	357.409
37)	L8 AR-1262-2	8.427	7.006	59696958	15640334	447.814	376.722
38)	L8 AR-1262-3	8.758	7.531	39657143	7586940	403.282	237.487 #
39)	L8 AR-1262-4	8.835	7.595	9164012	24560530	114.393	446.725 #
40)	L8 AR-1262-5	9.506	8.090	15096286	8043832	343.559	320.290
41)	L9 AR-1268-1	8.758	7.531	39657143	7586940	230.237	85.060 #

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 ALS Vial : 3 Sample Multiplier: 1

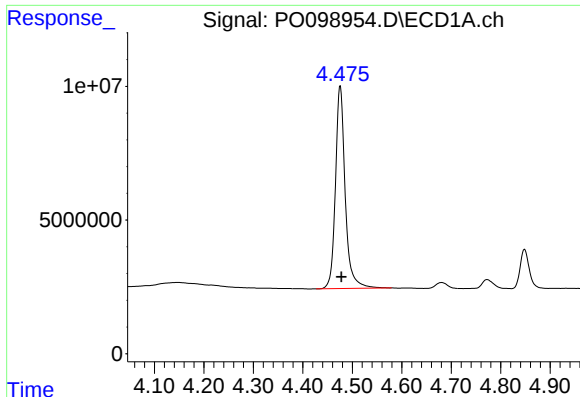
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 26 03:04:37 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102523.M
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 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	8.835	7.595	9164012	24560530	58.446	311.062 #
43) L9	AR-1268-3	9.071	7.802	1282451	651223	9.147	9.250
44) L9	AR-1268-4	9.506	8.090	15096286	8043832	301.054	291.878
45) L9	AR-1268-5	9.930	8.378	5051258	2589544	12.344	13.584

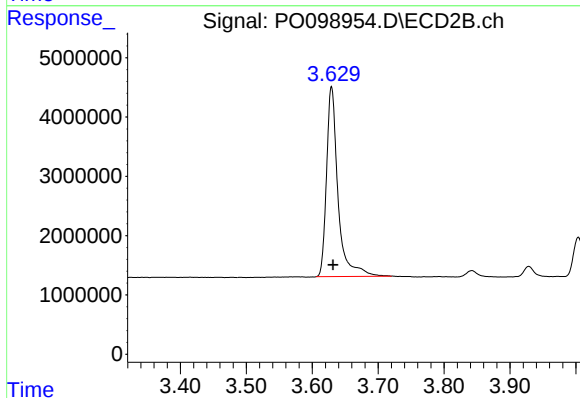
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

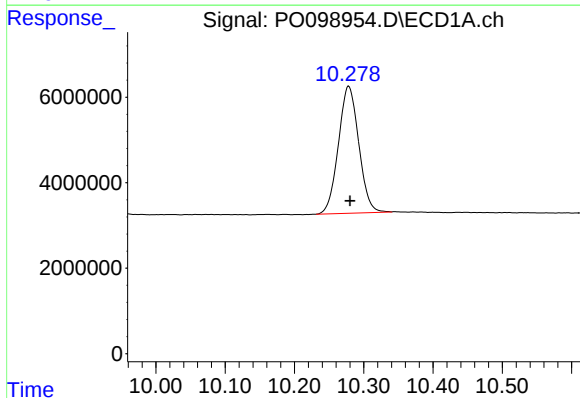
R.T.: 4.476 min
Delta R.T.: -0.002 min
Response: 103802815
Conc: 52.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



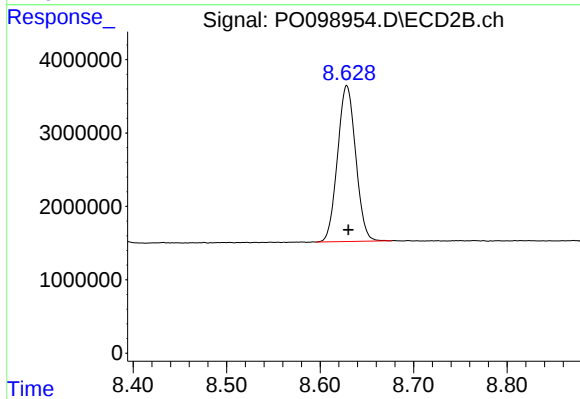
#1 Tetrachloro-m-xylene

R.T.: 3.629 min
Delta R.T.: -0.002 min
Response: 38748587
Conc: 53.84 ng/ml



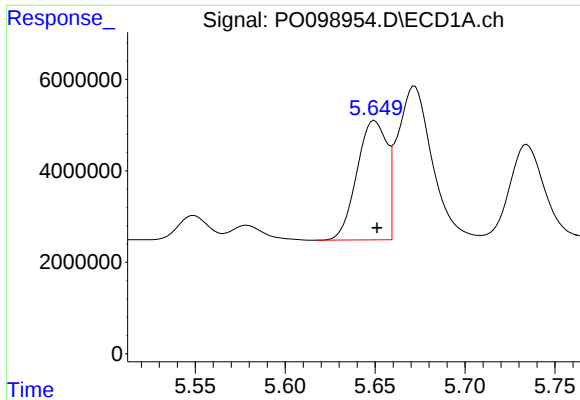
#2 Decachlorobiphenyl

R.T.: 10.278 min
Delta R.T.: -0.002 min
Response: 60642362
Conc: 53.53 ng/ml



#2 Decachlorobiphenyl

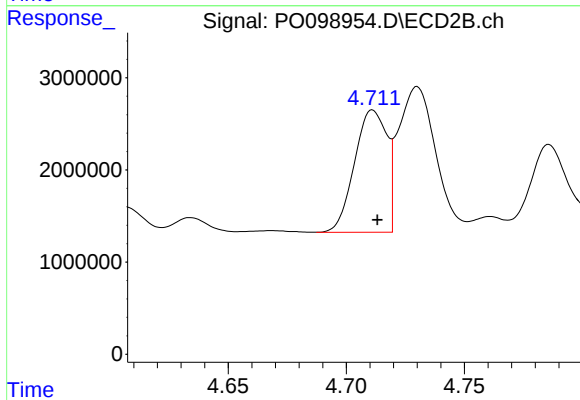
R.T.: 8.629 min
Delta R.T.: -0.002 min
Response: 28675776
Conc: 53.45 ng/ml



#3 AR-1016-1

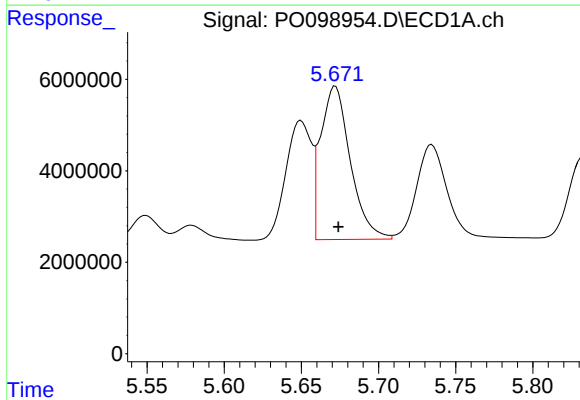
R.T.: 5.650 min
Delta R.T.: -0.001 min
Response: 30173942
Conc: 547.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



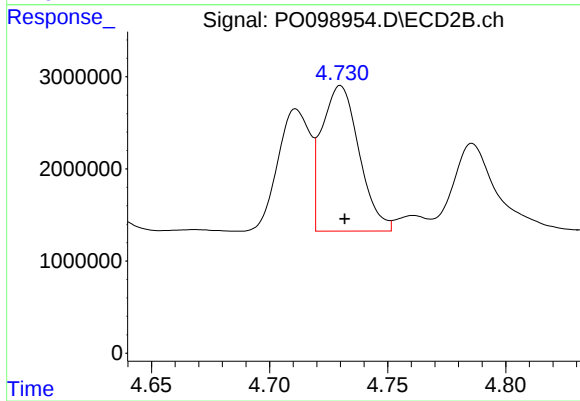
#3 AR-1016-1

R.T.: 4.711 min
Delta R.T.: -0.002 min
Response: 12644832
Conc: 564.65 ng/ml



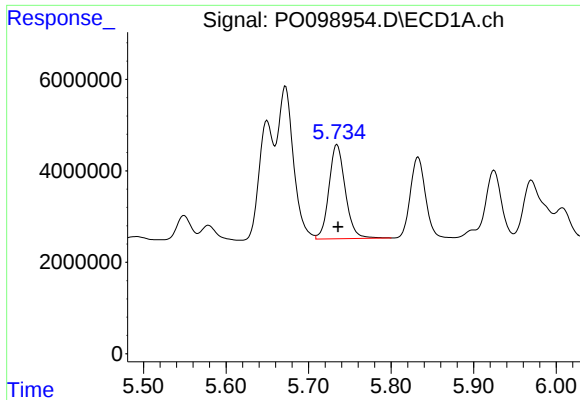
#4 AR-1016-2

R.T.: 5.672 min
Delta R.T.: -0.002 min
Response: 44948808
Conc: 543.58 ng/ml



#4 AR-1016-2

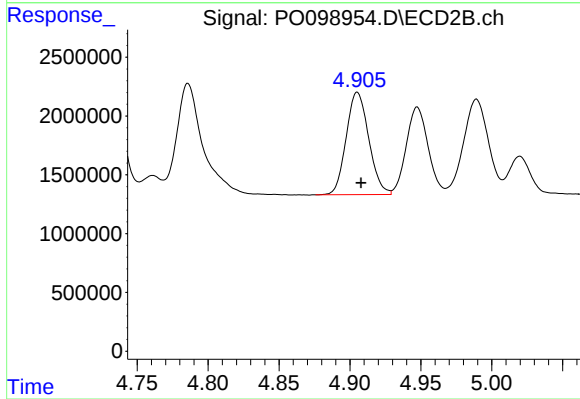
R.T.: 4.730 min
Delta R.T.: -0.002 min
Response: 17386619
Conc: 556.25 ng/ml



#5 AR-1016-3

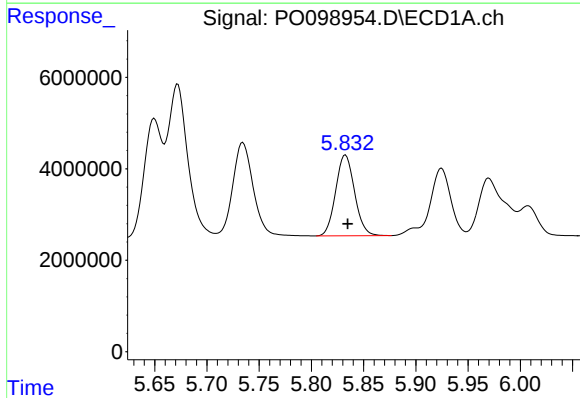
R.T.: 5.734 min
Delta R.T.: -0.001 min
Response: 28311691
Conc: 550.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



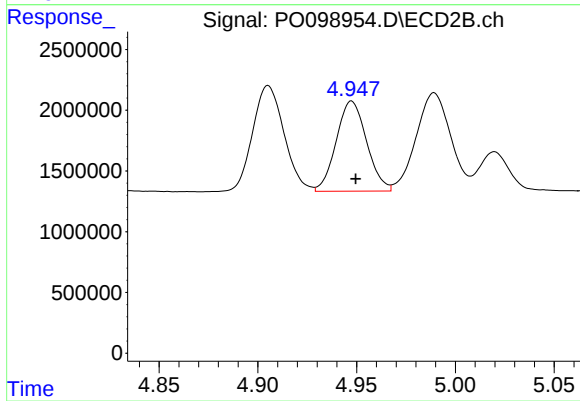
#5 AR-1016-3

R.T.: 4.905 min
Delta R.T.: -0.003 min
Response: 9660882
Conc: 570.54 ng/ml



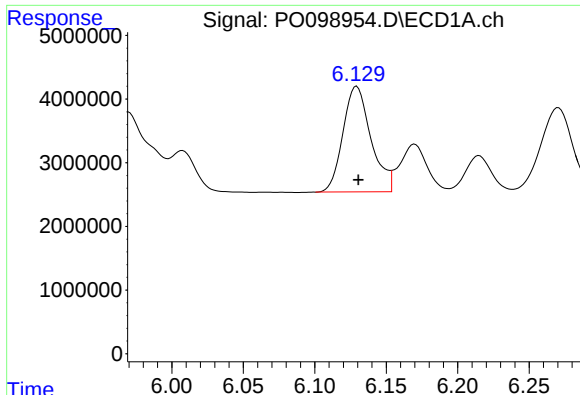
#6 AR-1016-4

R.T.: 5.833 min
Delta R.T.: -0.002 min
Response: 22274665
Conc: 548.05 ng/ml



#6 AR-1016-4

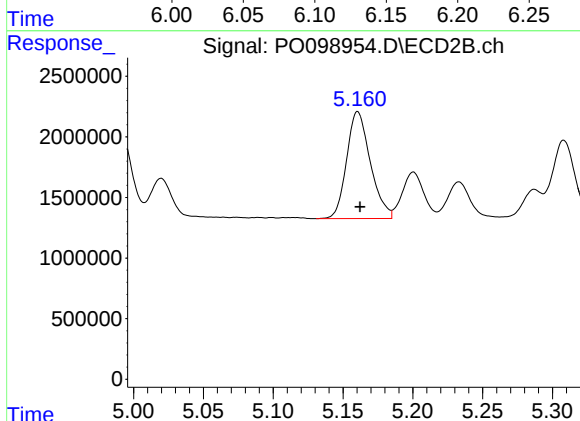
R.T.: 4.947 min
Delta R.T.: -0.002 min
Response: 7945913
Conc: 549.60 ng/ml



#7 AR-1016-5

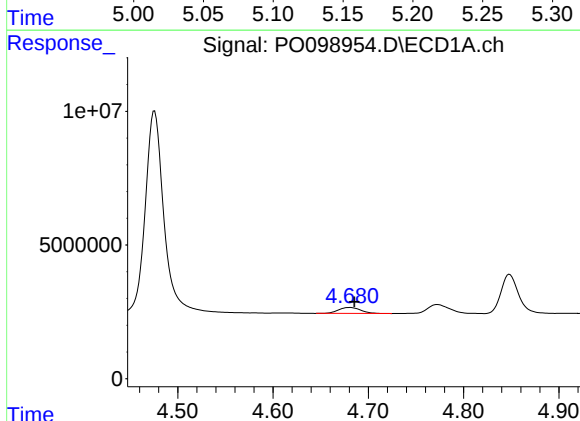
R.T.: 6.129 min
Delta R.T.: -0.001 min
Response: 22592296
Conc: 532.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



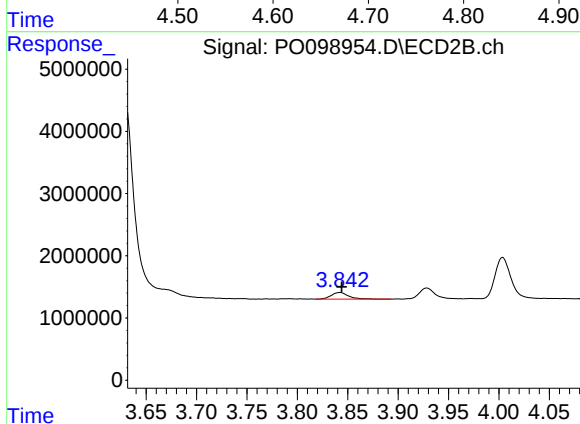
#7 AR-1016-5

R.T.: 5.161 min
Delta R.T.: -0.002 min
Response: 10443356
Conc: 559.01 ng/ml



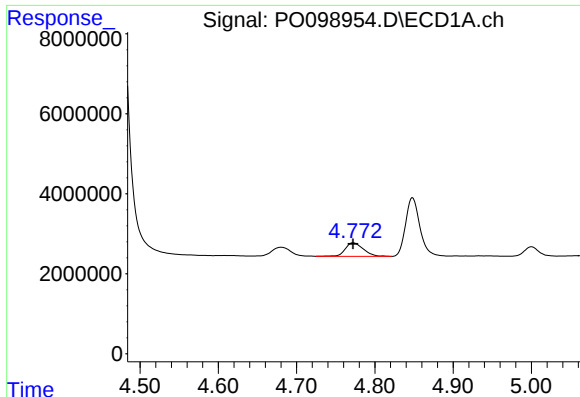
#8 AR-1221-1

R.T.: 4.681 min
Delta R.T.: -0.005 min
Response: 3676081
Conc: 148.06 ng/ml



#8 AR-1221-1

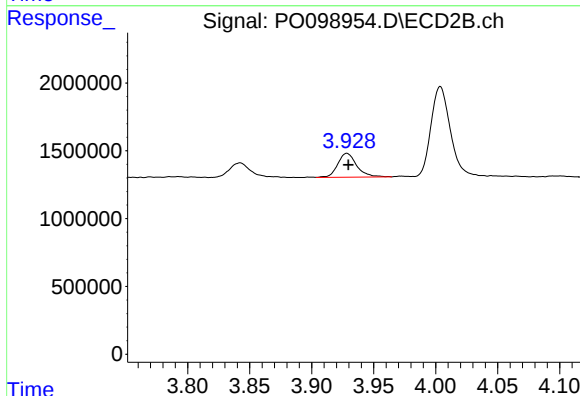
R.T.: 3.842 min
Delta R.T.: -0.002 min
Response: 1289735
Conc: 138.83 ng/ml



#9 AR-1221-2

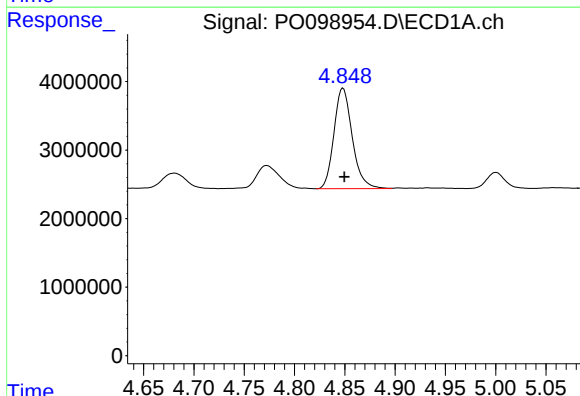
R.T.: 4.772 min
Delta R.T.: 0.000 min
Response: 5410851
Conc: 292.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



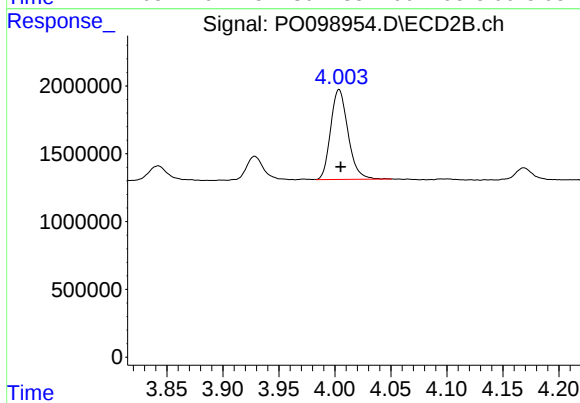
#9 AR-1221-2

R.T.: 3.928 min
Delta R.T.: -0.001 min
Response: 1880197
Conc: 289.99 ng/ml



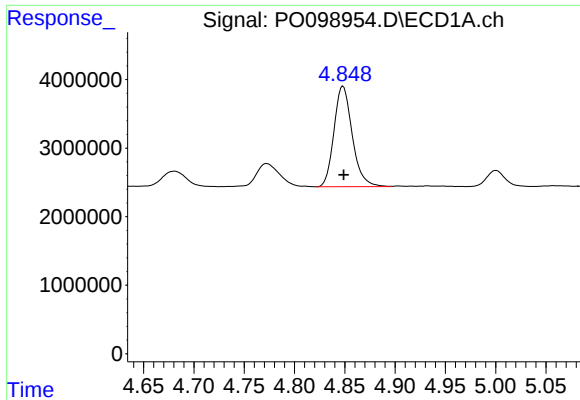
#10 AR-1221-3

R.T.: 4.848 min
Delta R.T.: -0.001 min
Response: 18579019
Conc: 342.93 ng/ml



#10 AR-1221-3

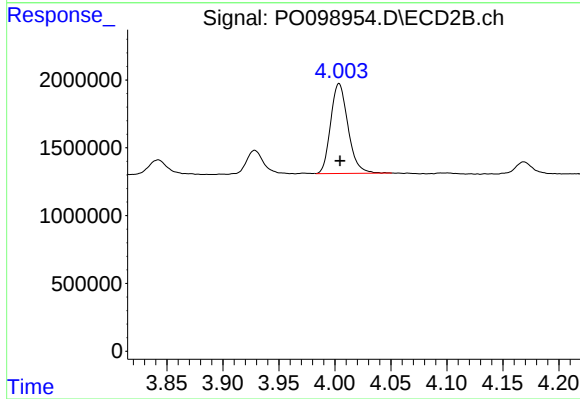
R.T.: 4.004 min
Delta R.T.: -0.002 min
Response: 7152868
Conc: 353.63 ng/ml



#11 AR-1232-1

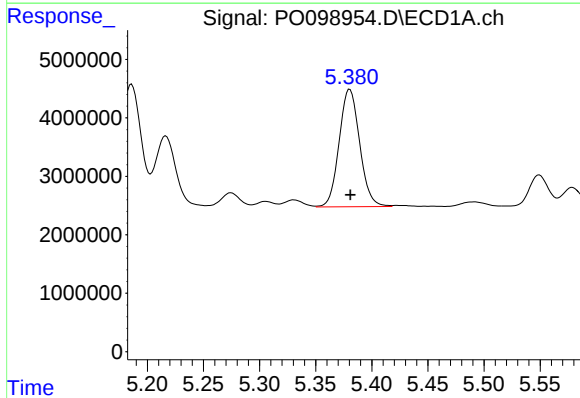
R.T.: 4.848 min
Delta R.T.: 0.000 min
Response: 18579019
Conc: 406.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



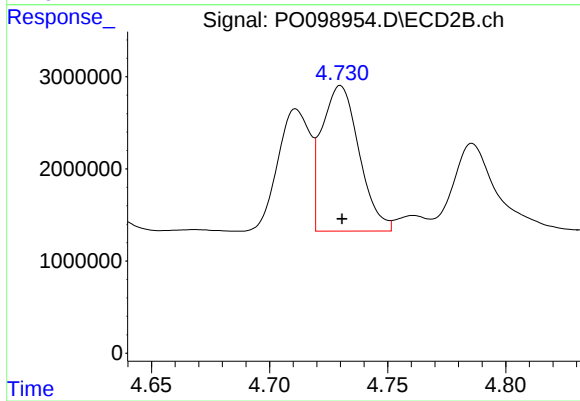
#11 AR-1232-1

R.T.: 4.004 min
Delta R.T.: 0.000 min
Response: 7152868
Conc: 417.28 ng/ml



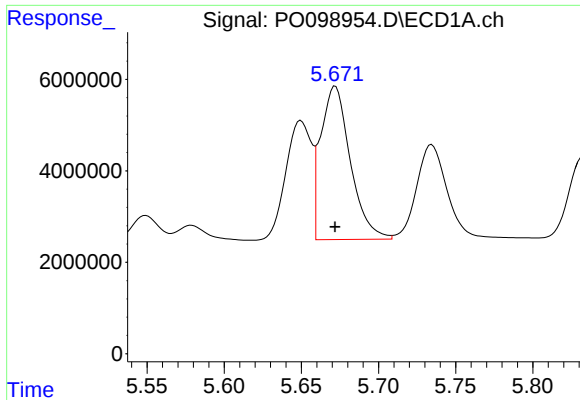
#12 AR-1232-2

R.T.: 5.380 min
Delta R.T.: 0.000 min
Response: 25590867
Conc: 1083.69 ng/ml



#12 AR-1232-2

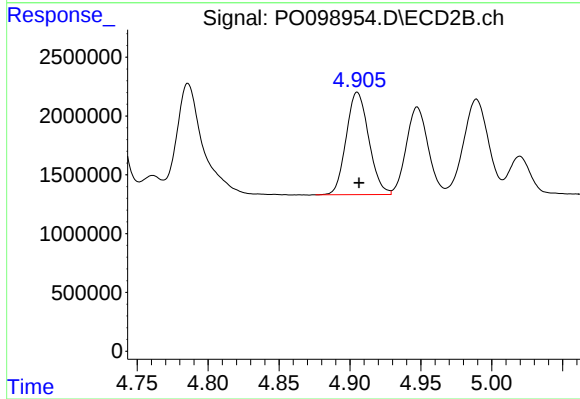
R.T.: 4.730 min
Delta R.T.: 0.000 min
Response: 17386619
Conc: 1134.90 ng/ml



#13 AR-1232-3

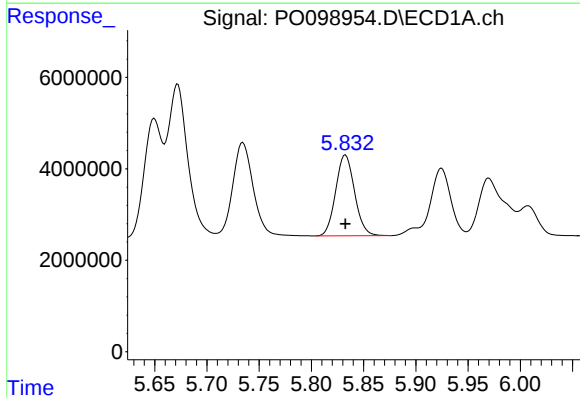
R.T.: 5.672 min
Delta R.T.: 0.000 min
Response: 44948808
Conc: 1138.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



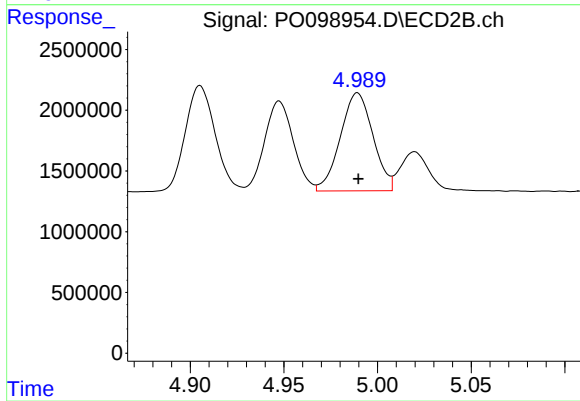
#13 AR-1232-3

R.T.: 4.905 min
Delta R.T.: -0.001 min
Response: 9660882
Conc: 1207.39 ng/ml



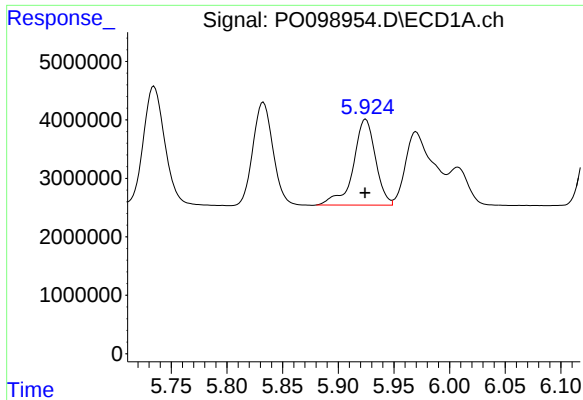
#14 AR-1232-4

R.T.: 5.833 min
Delta R.T.: 0.000 min
Response: 22274665
Conc: 1167.50 ng/ml



#14 AR-1232-4

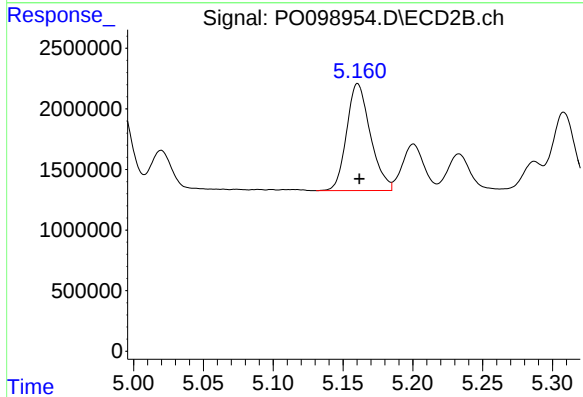
R.T.: 4.989 min
Delta R.T.: 0.000 min
Response: 9796718
Conc: 1273.33 ng/ml



#15 AR-1232-5

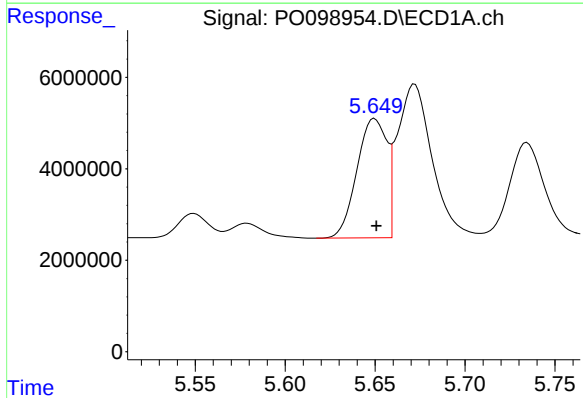
R.T.: 5.925 min
Delta R.T.: 0.000 min
Response: 20461450
Conc: 1228.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



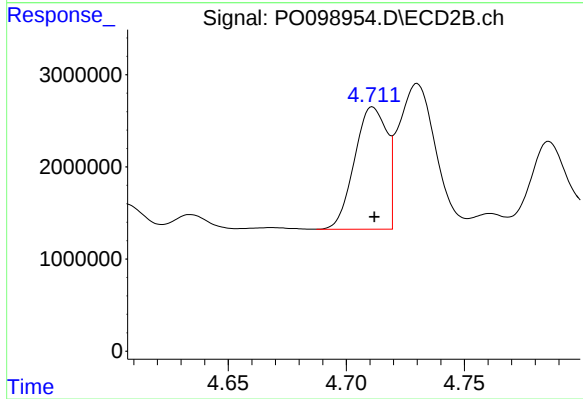
#15 AR-1232-5

R.T.: 5.161 min
Delta R.T.: -0.001 min
Response: 10443356
Conc: 1227.82 ng/ml



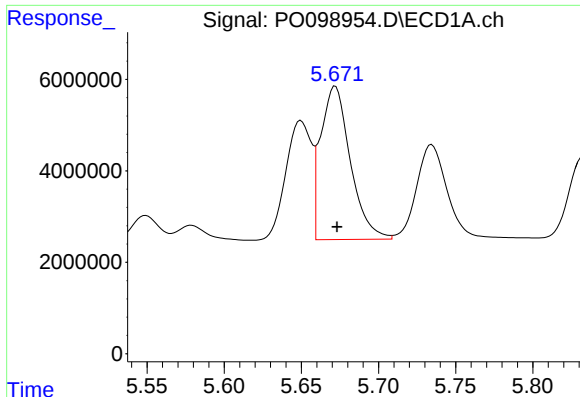
#16 AR-1242-1

R.T.: 5.650 min
Delta R.T.: -0.001 min
Response: 30173942
Conc: 696.98 ng/ml



#16 AR-1242-1

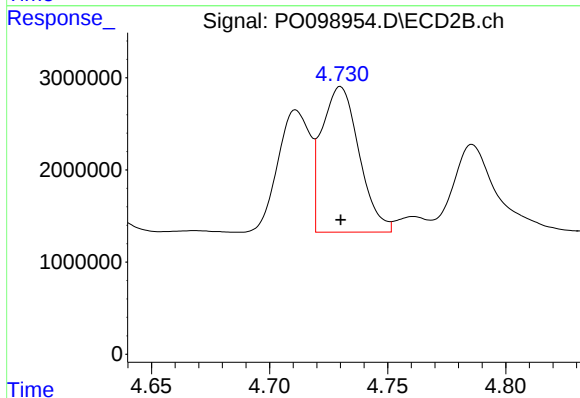
R.T.: 4.711 min
Delta R.T.: 0.000 min
Response: 12644832
Conc: 719.69 ng/ml



#17 AR-1242-2

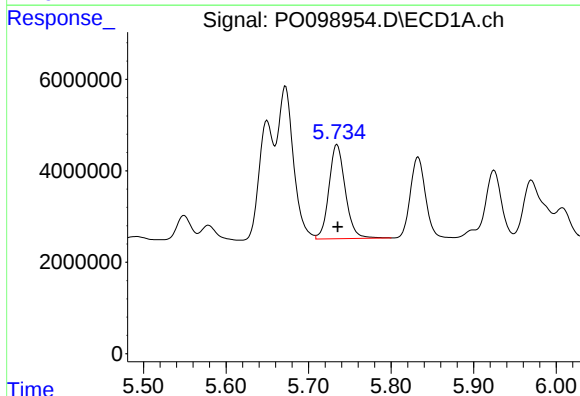
R.T.: 5.672 min
Delta R.T.: -0.001 min
Response: 44948808
Conc: 701.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



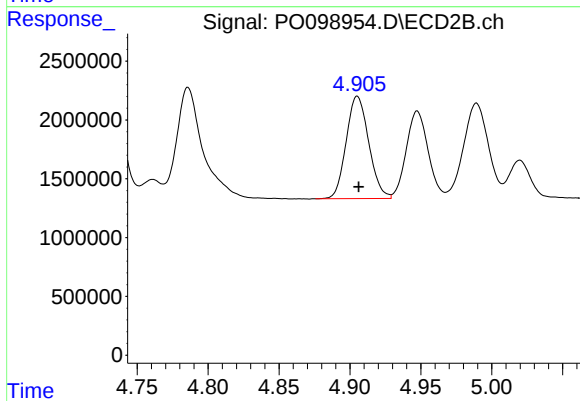
#17 AR-1242-2

R.T.: 4.730 min
Delta R.T.: 0.000 min
Response: 17386619
Conc: 717.46 ng/ml



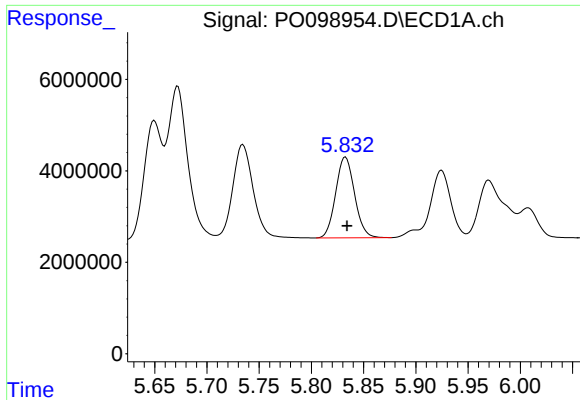
#18 AR-1242-3

R.T.: 5.734 min
Delta R.T.: 0.000 min
Response: 28311691
Conc: 703.82 ng/ml



#18 AR-1242-3

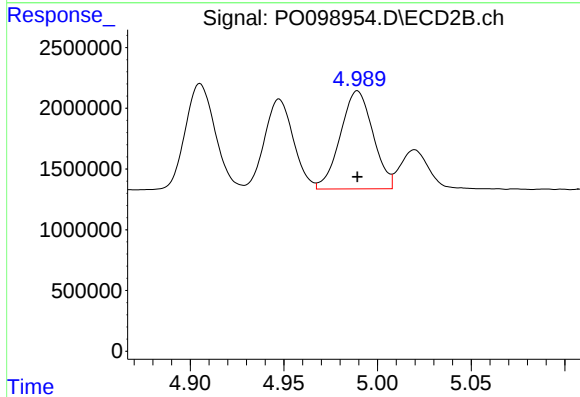
R.T.: 4.905 min
Delta R.T.: 0.000 min
Response: 9660882
Conc: 753.54 ng/ml



#19 AR-1242-4

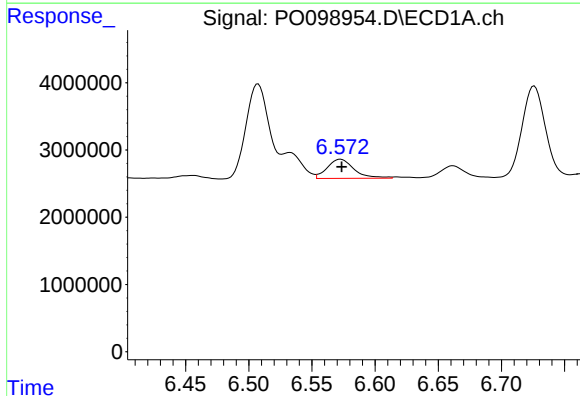
R.T.: 5.833 min
Delta R.T.: -0.002 min
Response: 22274665
Conc: 711.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



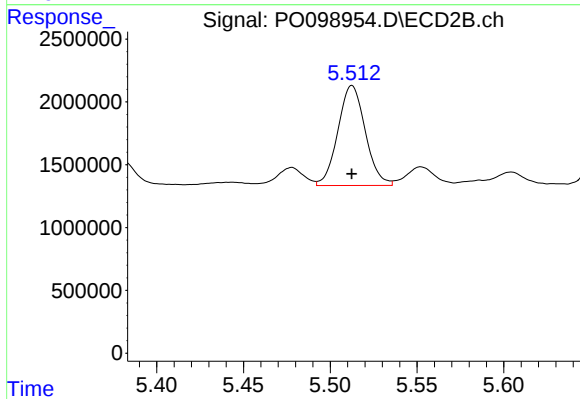
#19 AR-1242-4

R.T.: 4.989 min
Delta R.T.: 0.000 min
Response: 9796718
Conc: 695.95 ng/ml



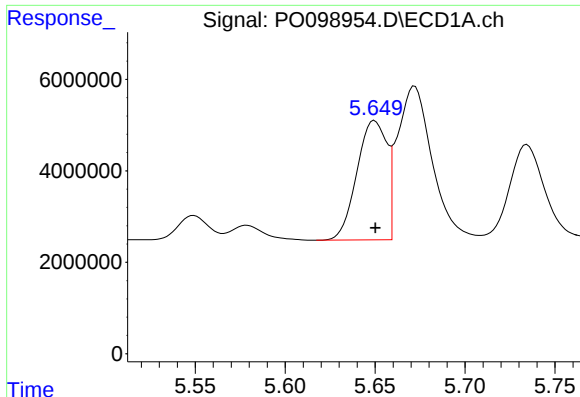
#20 AR-1242-5

R.T.: 6.573 min
Delta R.T.: -0.001 min
Response: 4221132
Conc: 136.83 ng/ml



#20 AR-1242-5

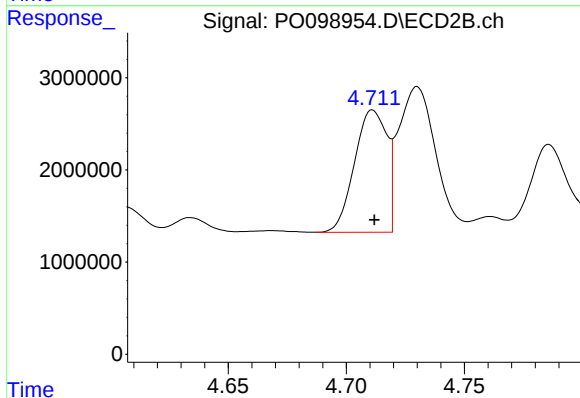
R.T.: 5.513 min
Delta R.T.: 0.000 min
Response: 8738269
Conc: 522.90 ng/ml



#21 AR-1248-1

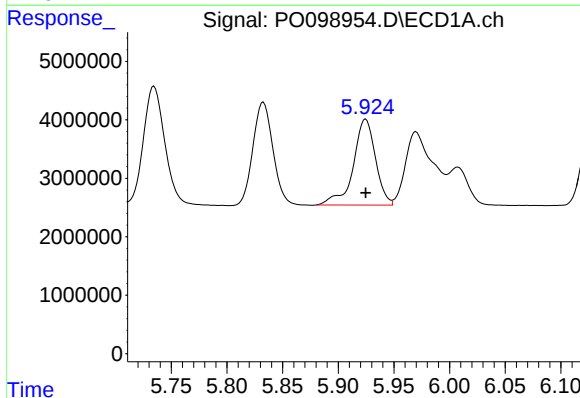
R.T.: 5.650 min
Delta R.T.: 0.000 min
Response: 30173942
Conc: 888.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



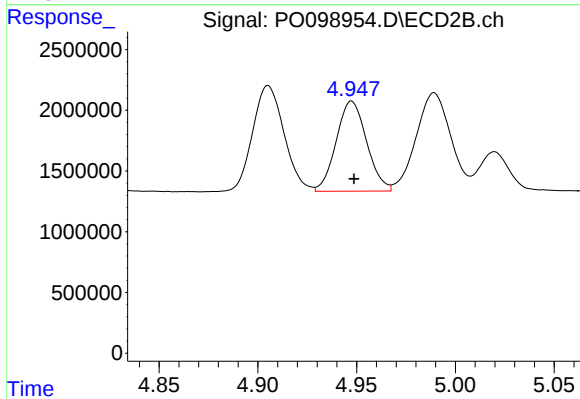
#21 AR-1248-1

R.T.: 4.711 min
Delta R.T.: 0.000 min
Response: 12644832
Conc: 912.33 ng/ml



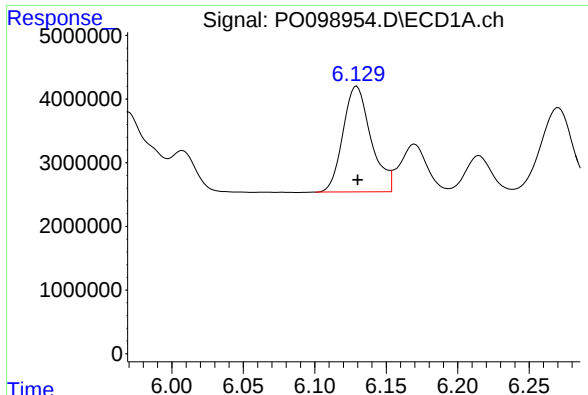
#22 AR-1248-2

R.T.: 5.925 min
Delta R.T.: 0.000 min
Response: 20461450
Conc: 390.98 ng/ml



#22 AR-1248-2

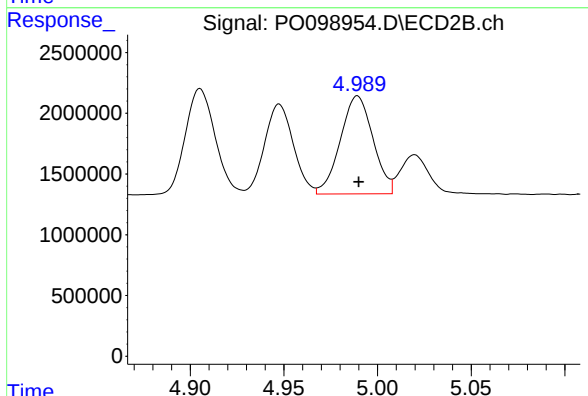
R.T.: 4.947 min
Delta R.T.: -0.001 min
Response: 7945913
Conc: 400.02 ng/ml



#23 AR-1248-3

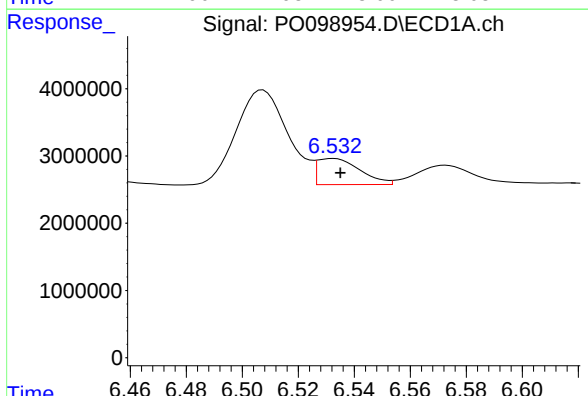
R.T.: 6.129 min
Delta R.T.: 0.000 min
Response: 22592296
Conc: 396.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



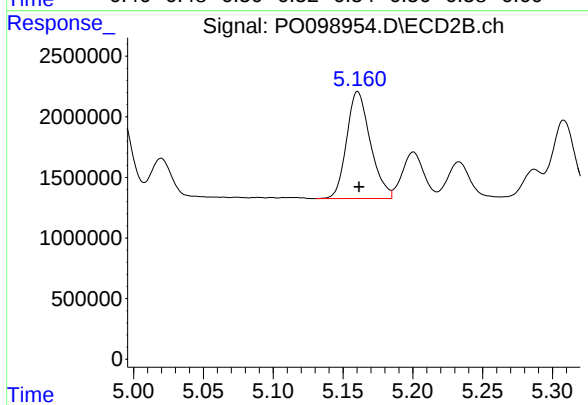
#23 AR-1248-3

R.T.: 4.989 min
Delta R.T.: 0.000 min
Response: 9796718
Conc: 469.79 ng/ml



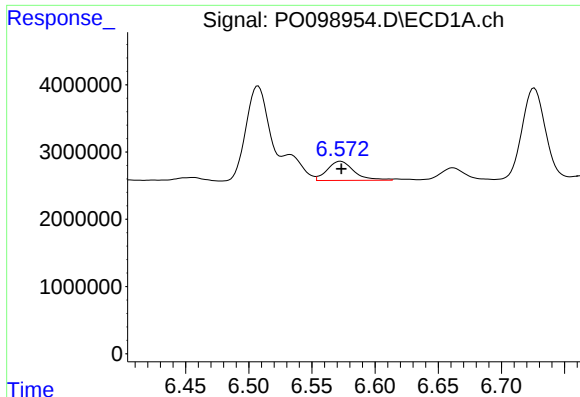
#24 AR-1248-4

R.T.: 6.533 min
Delta R.T.: -0.002 min
Response: 4098096
Conc: 75.15 ng/ml



#24 AR-1248-4

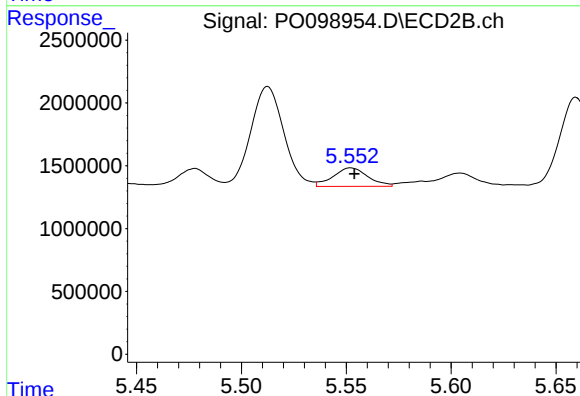
R.T.: 5.161 min
Delta R.T.: -0.001 min
Response: 10443356
Conc: 424.81 ng/ml



#25 AR-1248-5

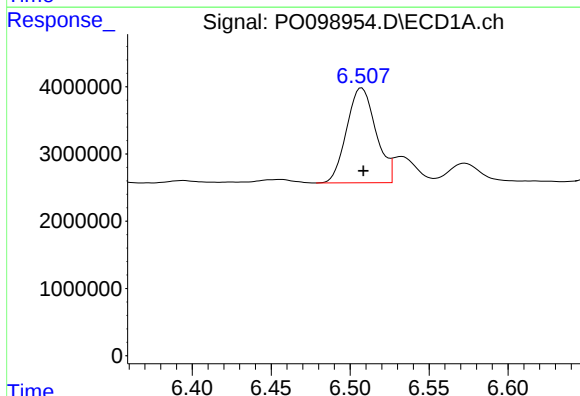
R.T.: 6.573 min
Delta R.T.: 0.000 min
Response: 4221132
Conc: 74.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



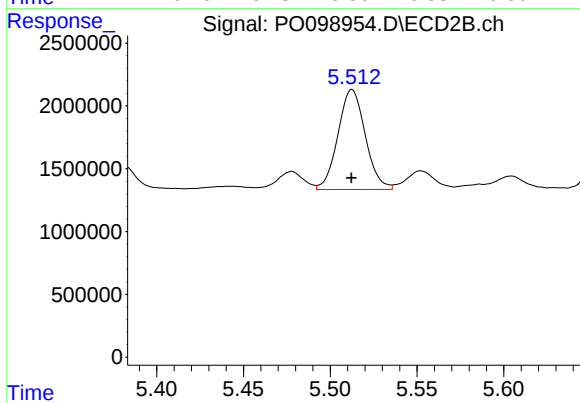
#25 AR-1248-5

R.T.: 5.552 min
Delta R.T.: -0.002 min
Response: 1696526
Conc: 78.11 ng/ml



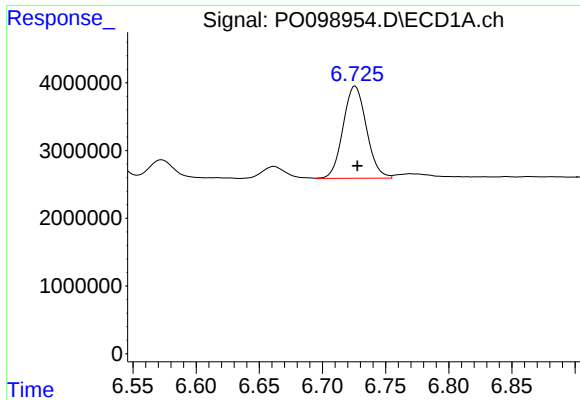
#26 AR-1254-1

R.T.: 6.507 min
Delta R.T.: -0.001 min
Response: 18159980
Conc: 275.87 ng/ml



#26 AR-1254-1

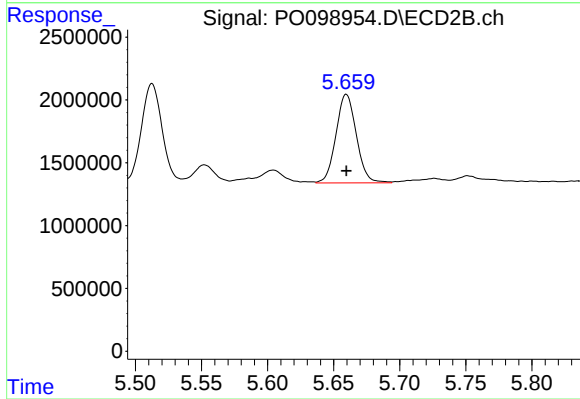
R.T.: 5.513 min
Delta R.T.: 0.000 min
Response: 8738269
Conc: 246.61 ng/ml



#27 AR-1254-2

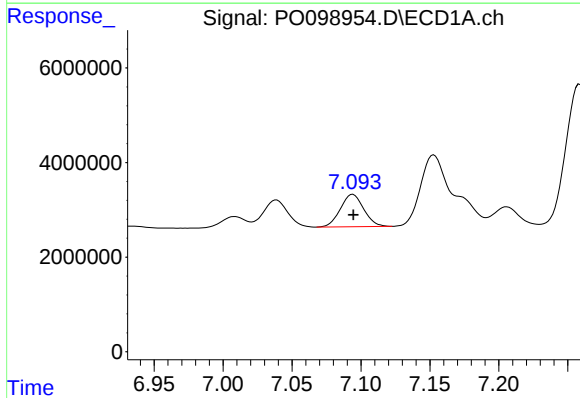
R.T.: 6.726 min
Delta R.T.: -0.002 min
Response: 17505686
Conc: 181.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



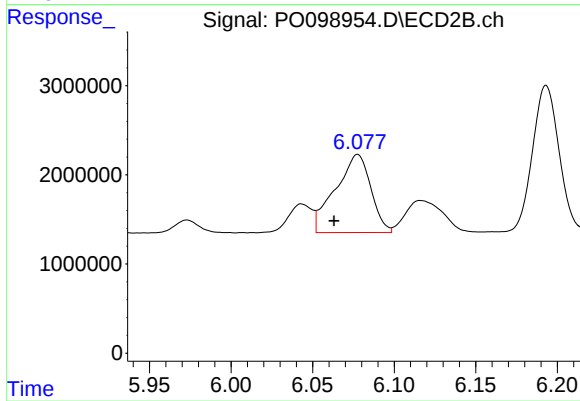
#27 AR-1254-2

R.T.: 5.660 min
Delta R.T.: 0.000 min
Response: 7593095
Conc: 237.40 ng/ml



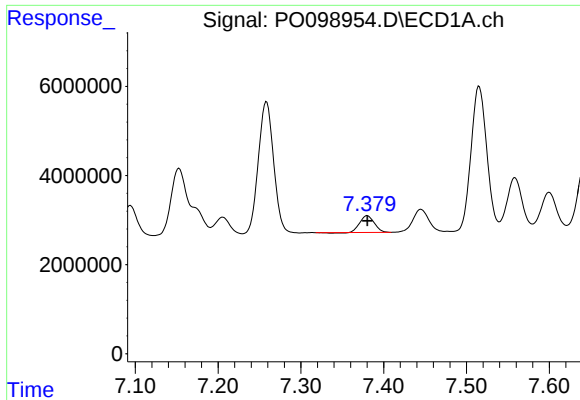
#28 AR-1254-3

R.T.: 7.094 min
Delta R.T.: 0.000 min
Response: 8052918
Conc: 90.09 ng/ml



#28 AR-1254-3

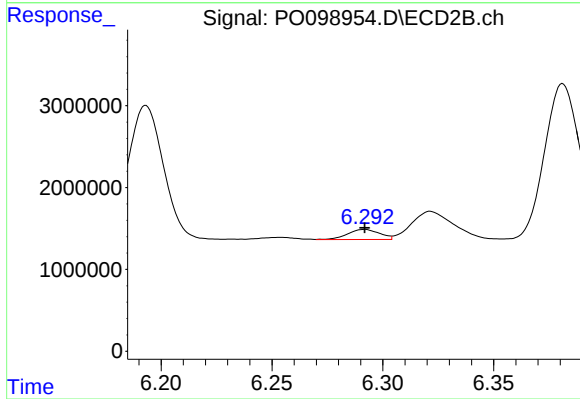
R.T.: 6.078 min
Delta R.T.: 0.014 min
Response: 13228889
Conc: 270.60 ng/ml



#29 AR-1254-4

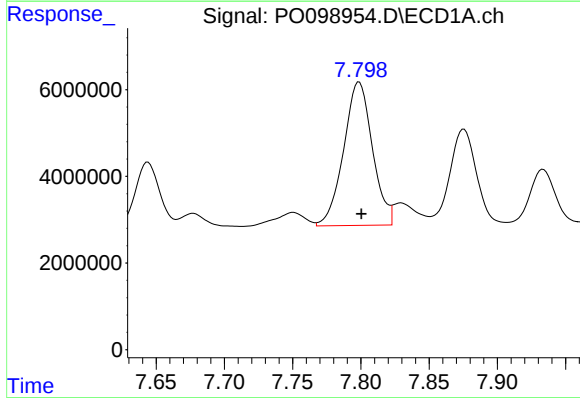
R.T.: 7.380 min
Delta R.T.: 0.000 min
Response: 4437141
Conc: 80.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



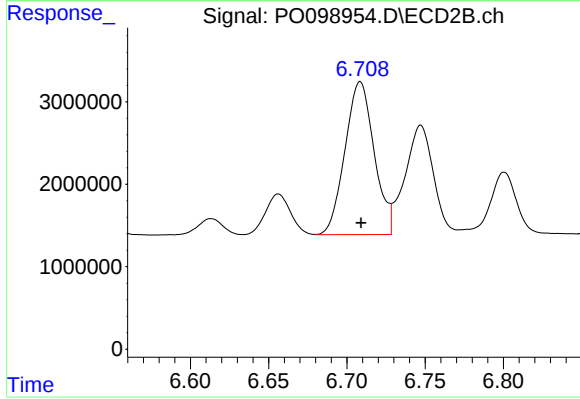
#29 AR-1254-4

R.T.: 6.292 min
Delta R.T.: 0.000 min
Response: 1223087
Conc: 46.67 ng/ml



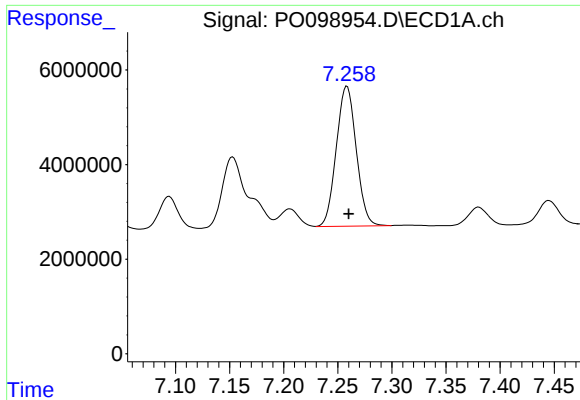
#30 AR-1254-5

R.T.: 7.799 min
Delta R.T.: -0.002 min
Response: 48640697
Conc: 722.37 ng/ml



#30 AR-1254-5

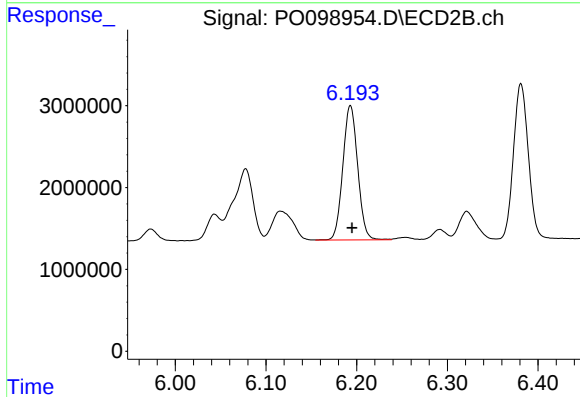
R.T.: 6.708 min
Delta R.T.: 0.000 min
Response: 24037263
Conc: 570.21 ng/ml



#31 AR-1260-1

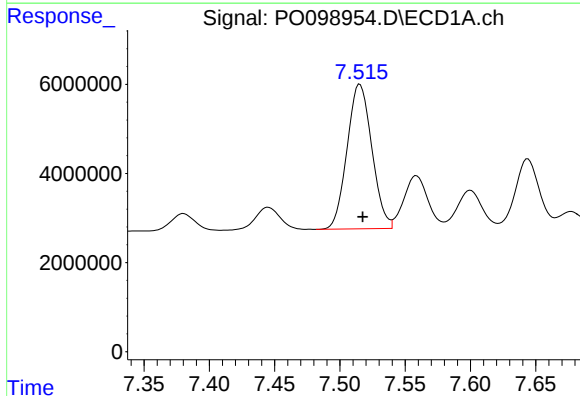
R.T.: 7.259 min
Delta R.T.: -0.001 min
Response: 37984928
Conc: 530.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



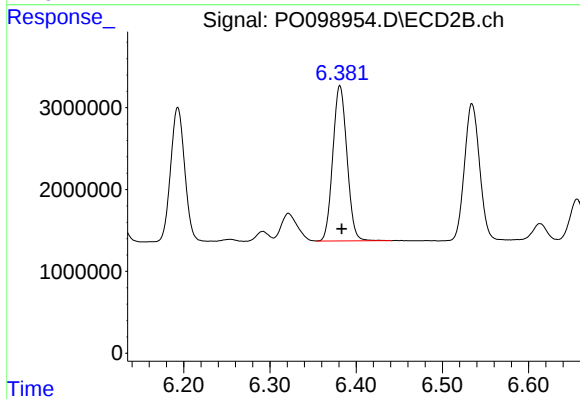
#31 AR-1260-1

R.T.: 6.193 min
Delta R.T.: -0.002 min
Response: 18690088
Conc: 529.83 ng/ml



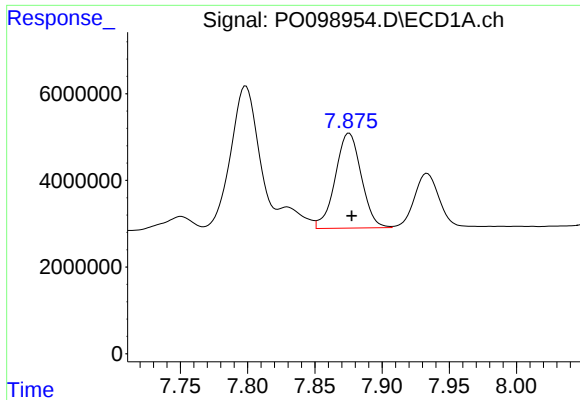
#32 AR-1260-2

R.T.: 7.515 min
Delta R.T.: -0.002 min
Response: 42834872
Conc: 542.92 ng/ml



#32 AR-1260-2

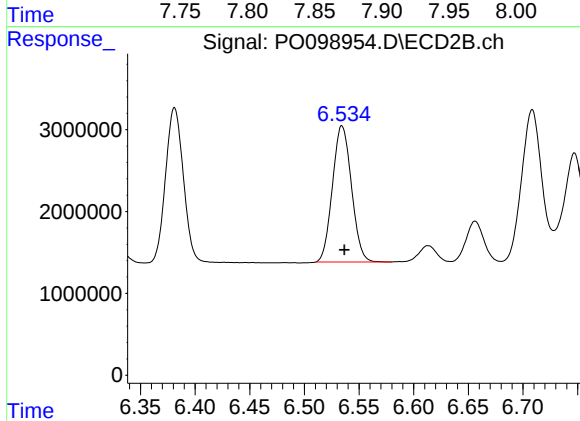
R.T.: 6.381 min
Delta R.T.: -0.002 min
Response: 21641394
Conc: 539.87 ng/ml



#33 AR-1260-3

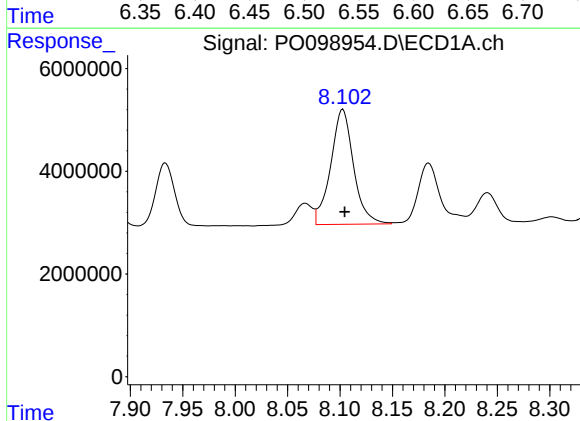
R.T.: 7.876 min
Delta R.T.: -0.002 min
Response: 29479348
Conc: 539.79 ng/ml

Instrument :
ECD_O
ClientSampleId :



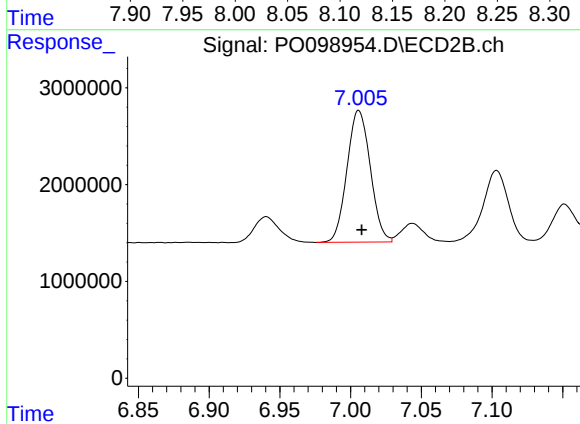
#33 AR-1260-3

R.T.: 6.534 min
Delta R.T.: -0.002 min
Response: 20133672
Conc: 532.46 ng/ml



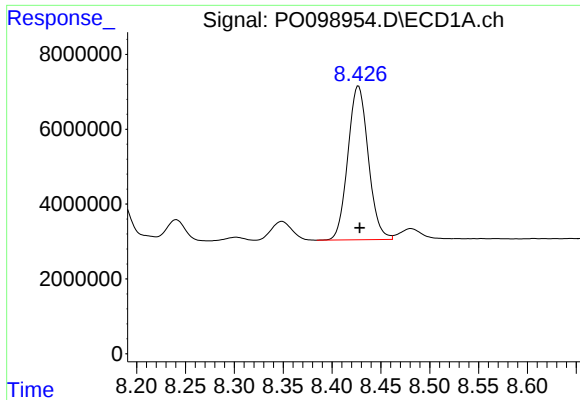
#34 AR-1260-4

R.T.: 8.103 min
Delta R.T.: -0.002 min
Response: 34068439
Conc: 543.73 ng/ml



#34 AR-1260-4

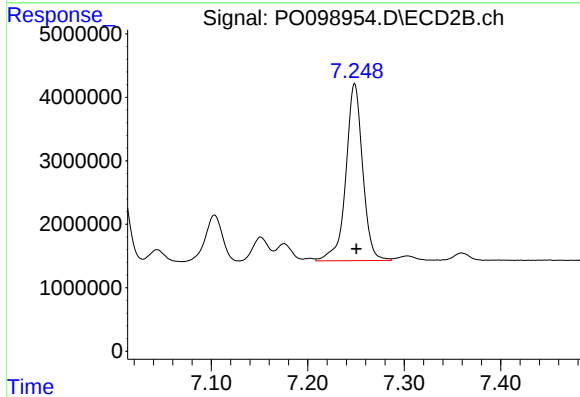
R.T.: 7.006 min
Delta R.T.: -0.002 min
Response: 15640334
Conc: 541.25 ng/ml



#35 AR-1260-5

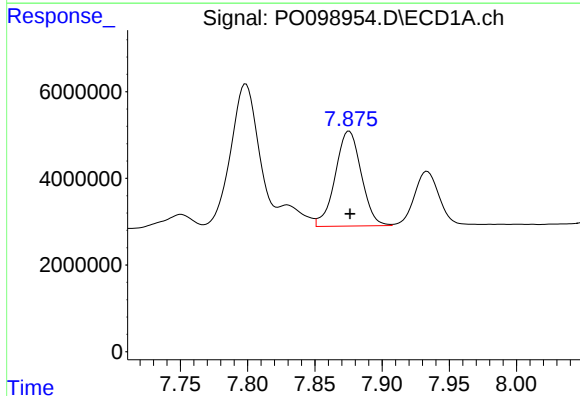
R.T.: 8.427 min
Delta R.T.: -0.001 min
Response: 59696958
Conc: 557.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



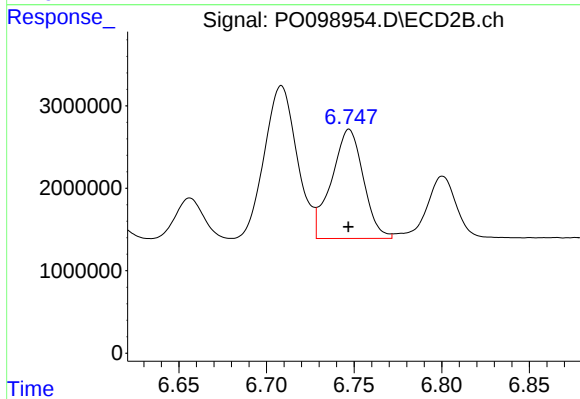
#35 AR-1260-5

R.T.: 7.249 min
Delta R.T.: -0.002 min
Response: 33839960
Conc: 562.32 ng/ml



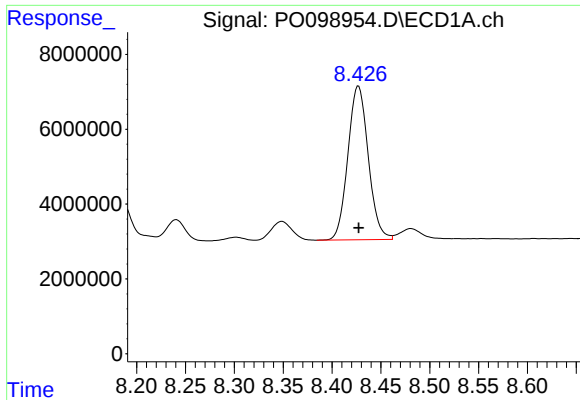
#36 AR-1262-1

R.T.: 7.876 min
Delta R.T.: 0.000 min
Response: 29479348
Conc: 325.70 ng/ml



#36 AR-1262-1

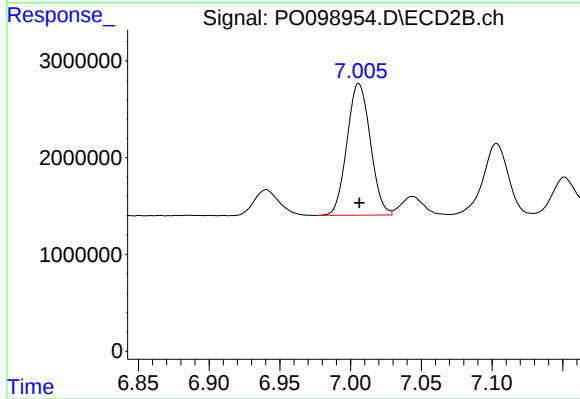
R.T.: 6.747 min
Delta R.T.: 0.000 min
Response: 16769995
Conc: 357.41 ng/ml



#37 AR-1262-2

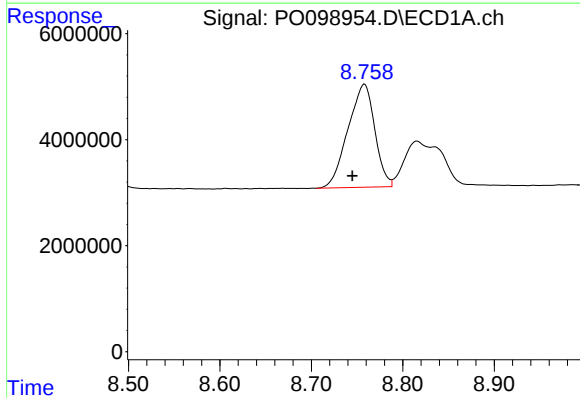
R.T.: 8.427 min
Delta R.T.: 0.000 min
Response: 59696958
Conc: 447.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



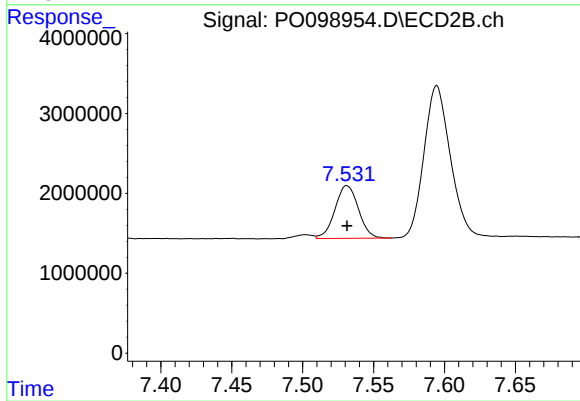
#37 AR-1262-2

R.T.: 7.006 min
Delta R.T.: 0.000 min
Response: 15640334
Conc: 376.72 ng/ml



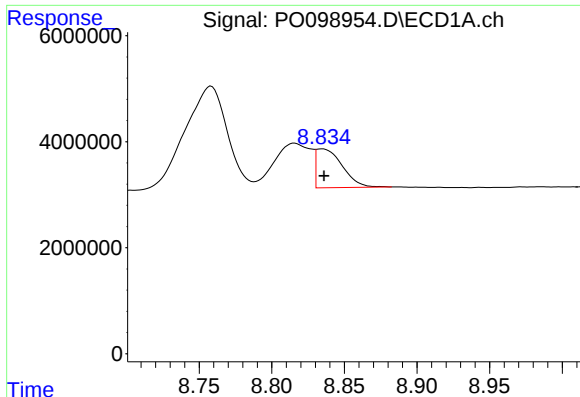
#38 AR-1262-3

R.T.: 8.758 min
Delta R.T.: 0.013 min
Response: 39657143
Conc: 403.28 ng/ml



#38 AR-1262-3

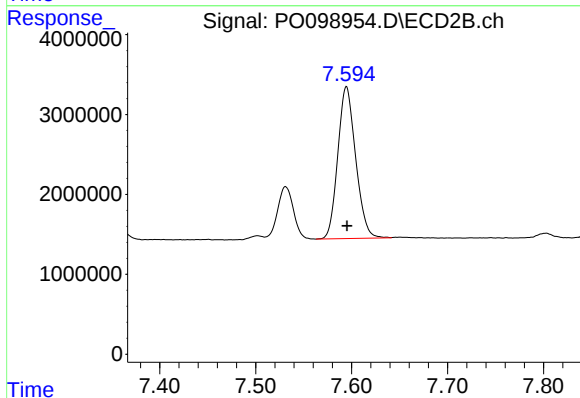
R.T.: 7.531 min
Delta R.T.: 0.000 min
Response: 7586940
Conc: 237.49 ng/ml



#39 AR-1262-4

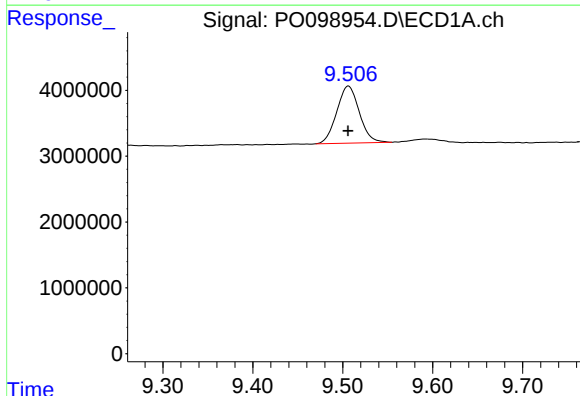
R.T.: 8.835 min
Delta R.T.: -0.001 min
Response: 9164012
Conc: 114.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



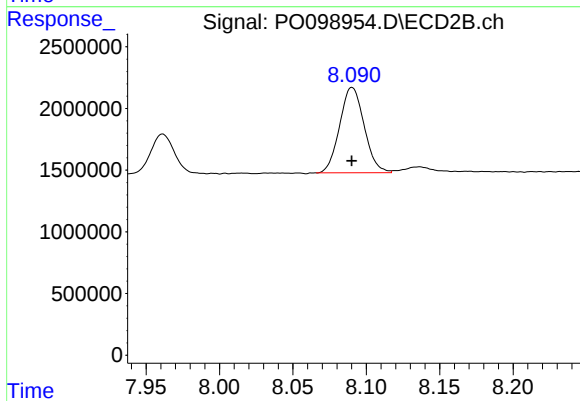
#39 AR-1262-4

R.T.: 7.595 min
Delta R.T.: 0.000 min
Response: 24560530
Conc: 446.73 ng/ml



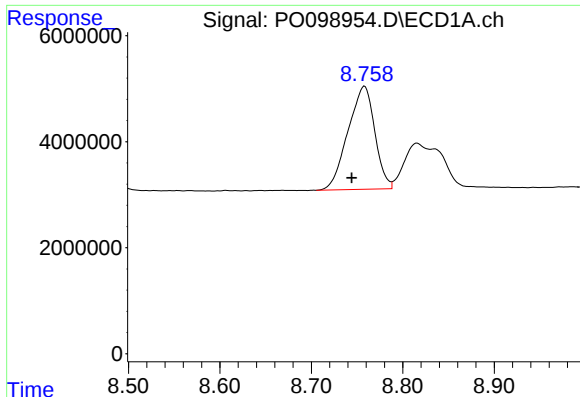
#40 AR-1262-5

R.T.: 9.506 min
Delta R.T.: 0.000 min
Response: 15096286
Conc: 343.56 ng/ml



#40 AR-1262-5

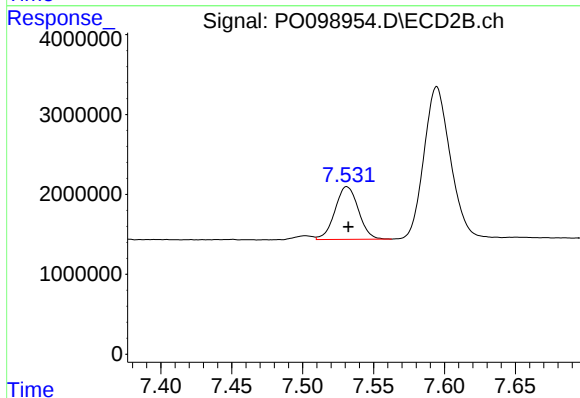
R.T.: 8.090 min
Delta R.T.: 0.000 min
Response: 8043832
Conc: 320.29 ng/ml



#41 AR-1268-1

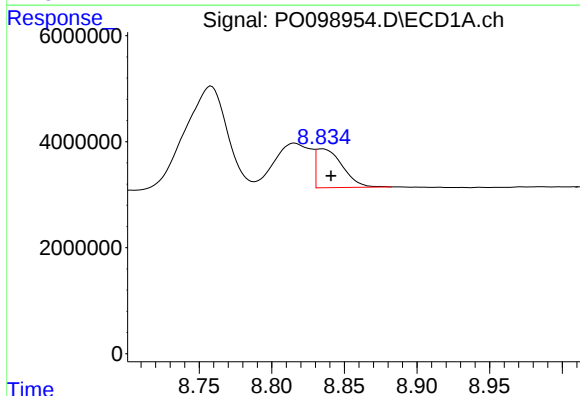
R.T.: 8.758 min
Delta R.T.: 0.014 min
Response: 39657143
Conc: 230.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



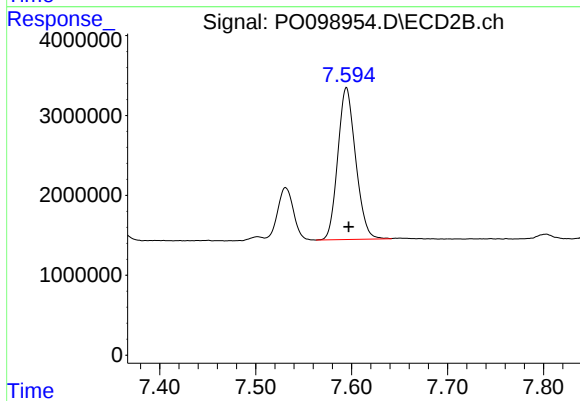
#41 AR-1268-1

R.T.: 7.531 min
Delta R.T.: -0.001 min
Response: 7586940
Conc: 85.06 ng/ml



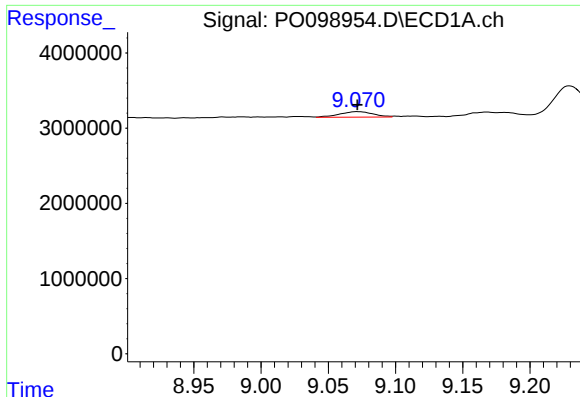
#42 AR-1268-2

R.T.: 8.835 min
Delta R.T.: -0.006 min
Response: 9164012
Conc: 58.45 ng/ml



#42 AR-1268-2

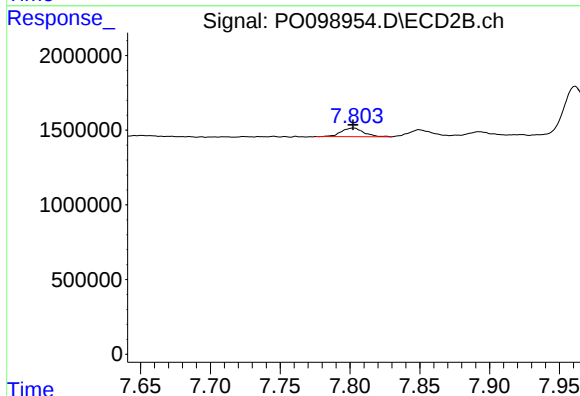
R.T.: 7.595 min
Delta R.T.: -0.002 min
Response: 24560530
Conc: 311.06 ng/ml



#43 AR-1268-3

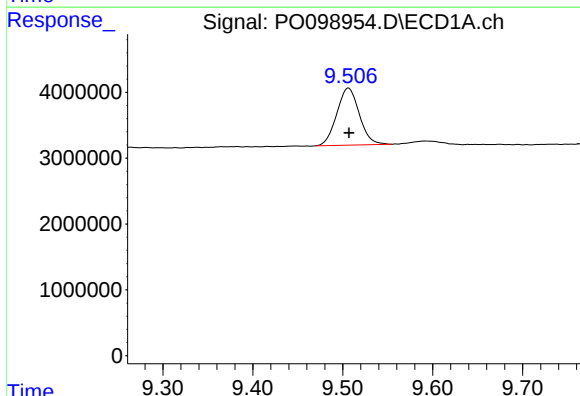
R.T.: 9.071 min
Delta R.T.: 0.000 min
Response: 1282451
Conc: 9.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



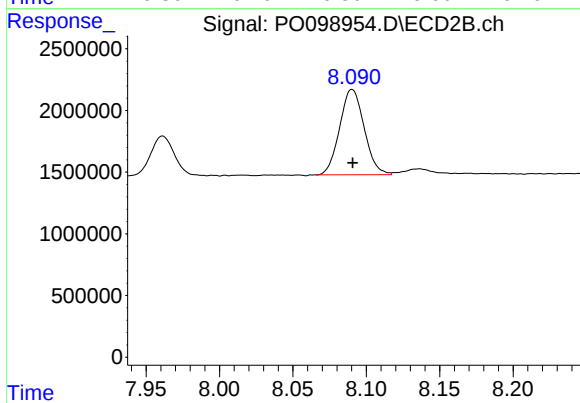
#43 AR-1268-3

R.T.: 7.802 min
Delta R.T.: 0.000 min
Response: 651223
Conc: 9.25 ng/ml



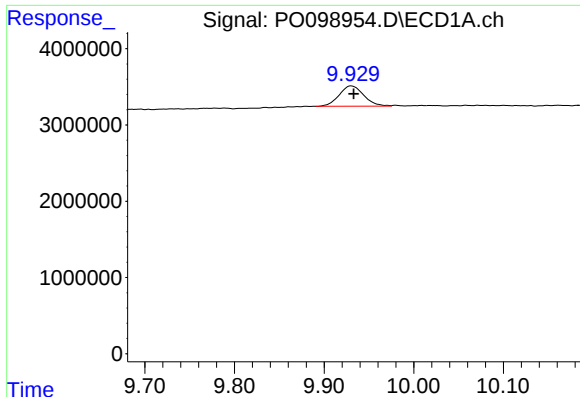
#44 AR-1268-4

R.T.: 9.506 min
Delta R.T.: 0.000 min
Response: 15096286
Conc: 301.05 ng/ml



#44 AR-1268-4

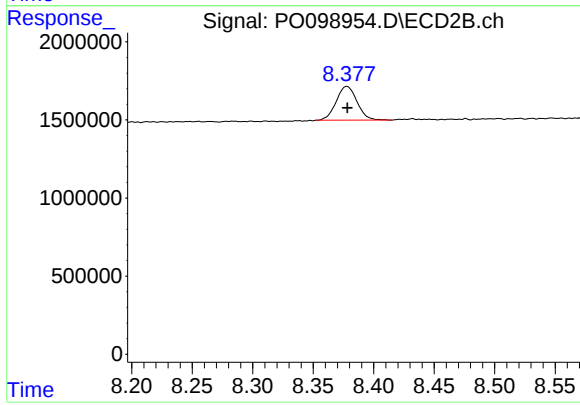
R.T.: 8.090 min
Delta R.T.: 0.000 min
Response: 8043832
Conc: 291.88 ng/ml



#45 AR-1268-5

R.T.: 9.930 min
Delta R.T.: -0.003 min
Response: 5051258
Conc: 12.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.378 min
Delta R.T.: 0.000 min
Response: 2589544
Conc: 13.58 ng/ml