

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0072418\
 Data File : P0047099.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 24 Jul 2018 16:45
 Operator : SM/SJ
 Sample : J4086-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 1525

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 25 01:42:27 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0072318.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 24 03:04:21 2018
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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...	4.377	3.646	14425851	4873036	86.039	25.407 #
2) SA Decachlor...	10.086	8.650	2932442	2353540	26.787	25.626
Target Compounds						
3) L1 AR-1016-1	5.297	4.513	7354687	7856076	2261.077	2312.416
4) L1 AR-1016-2	5.649	4.928	9956556	7481926	2545.291	2325.639
5) L1 AR-1016-3	5.748	4.969	6789510	3878649	2108.880	1477.409 #
6) L1 AR-1016-4	6.040	5.011	4757513	4946149	1507.778	1589.977
7) L1 AR-1016-5	6.184	5.183	6172656	4899734	1868.892	1418.876
8) L2 AR-1221-1	4.606	3.862	44598560	43788183	27485.945	26284.368
9) L2 AR-1221-2	4.692	3.947	25647709	23653224	21586.390	19740.878
10) L2 AR-1221-3	4.769	4.024	95550942	96905273	25774.033	24547.981
11) L3 AR-1232-1	5.103	4.321	5650717	8568955	3772.936	5451.727 #
12) L3 AR-1232-2	5.564	4.733	9835887	11081673	4827.199	5557.499
13) L3 AR-1232-3	5.587	4.752	15484578	18614800	5324.721	6021.841
14) L3 AR-1232-4	5.649	4.808	9956556	12377595	5580.156	6789.014
15) L3 AR-1232-5	5.748	4.969	6789510	3878649	4792.386	3859.025
16) L4 AR-1242-1	5.587	4.752	15484578	18614800	2671.454	3235.452
17) L4 AR-1242-2	5.649	4.928	9956556	7481926	2806.661	2600.700
18) L4 AR-1242-3	5.748	5.011	6789510	4946149	2392.731	1731.436 #
19) L4 AR-1242-4	6.040	5.183	4757513	4899734	1654.322	1603.693
20) L4 AR-1242-5	6.184	5.332	6172656	6893943	1992.654	2133.960
21) L5 AR-1248-1	6.040	5.183	4757513	4899734	1017.473	977.417
22) L5 AR-1248-2	6.184	5.332	6172656	6893943	1557.417	1645.045
23) L5 AR-1248-3	6.443	5.533	5584568	7442329	1100.015	1160.948
24) L5 AR-1248-4	6.482	5.575	5557652	6042421	1163.506	1350.073
25) L5 AR-1248-5	6.679	6.084	5527298	3057149	1725.923	1104.786 #
26) L6 AR-1254-1	6.638	5.533	5463672	7442329	664.488	1041.823 #
27) L6 AR-1254-2	6.913	5.680	2610302	2228151	531.588	367.859 #
28) L6 AR-1254-3	7.000	6.084	2753176	3057149	320.345	324.704
29) L6 AR-1254-4	7.284	6.312	2138865	2537330	334.899	439.931 #
30) L6 AR-1254-5	7.558	6.627	1965792	2143625	413.987	539.938 #
31) L7 AR-1260-1	7.162	6.230	523219	1952949	87.123	329.461 #
32) L7 AR-1260-2	7.416	6.400	1148389	618622	157.140	88.079 #
33) L7 AR-1260-3	7.702	6.729	1293582	1415759	150.857	188.577 #
34) L7 AR-1260-4	8.315	7.298	128600	58049	10.623	4.978 #
35) L7 AR-1260-5	8.638	7.611	76076	90654	10.313	10.932
36) L8 AR-1262-1	7.162	6.400	523219	618622	97.215	100.243
37) L8 AR-1262-2	7.416	6.555	1148389	552986	178.405	90.343 #
38) L8 AR-1262-3	7.763	6.798	156551	154187	18.971	18.945

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\P0072418\
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 Acq On : 24 Jul 2018 16:45
 Operator : SM/SJ
 Sample : J4086-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

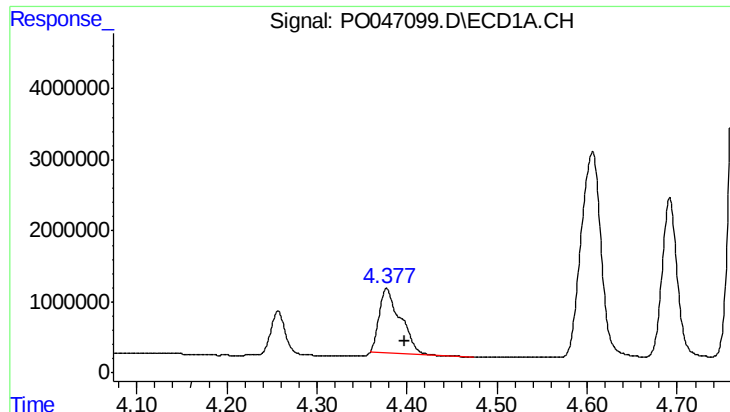
Instrument :
 ECD_O
 ClientSampleId :
 1525

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 25 01:42:27 2018
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Volume Inj. : 2 µl
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 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
39) L8	AR-1262-4	7.989	7.026	377224	64215	47.220	9.047 #
40) L8	AR-1262-5	8.315	7.298	128600	58049	8.632	4.147 #
41) L9	AR-1268-1	8.638	7.587	76076	-64875	4.857	N.D. #
42) L9	AR-1268-2	8.685	7.611	140790	90654	10.047	7.223 #
45) L9	AR-1268-5	9.759	8.393	28615	39707	0.782	1.323 #

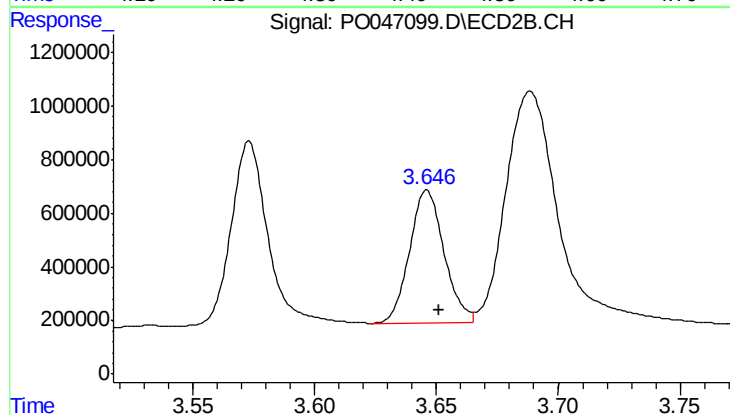
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

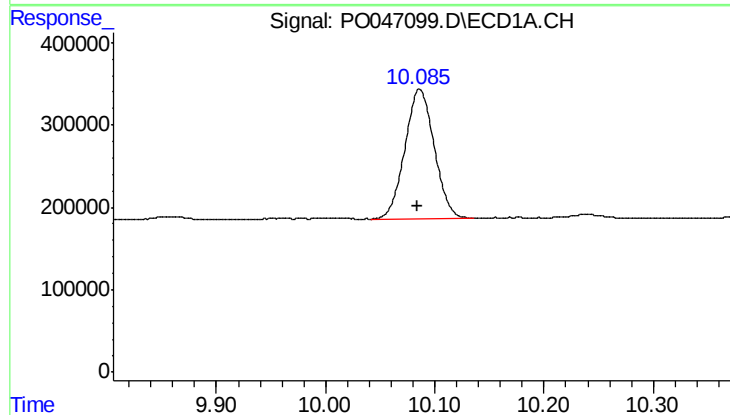
R.T.: 4.377 min
Delta R.T.: -0.020 min
Response: 14425851
Conc: 86.04 ng/ml

Instrument :
ECD_O
ClientSampleId :
1525



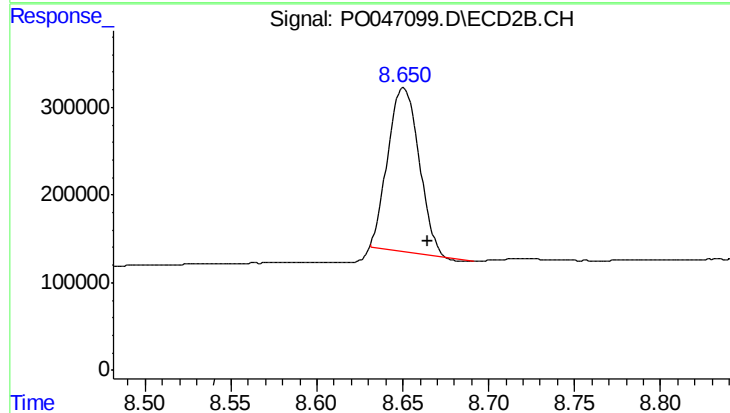
#1 Tetrachloro-m-xylene

R.T.: 3.646 min
Delta R.T.: -0.005 min
Response: 4873036
Conc: 25.41 ng/ml



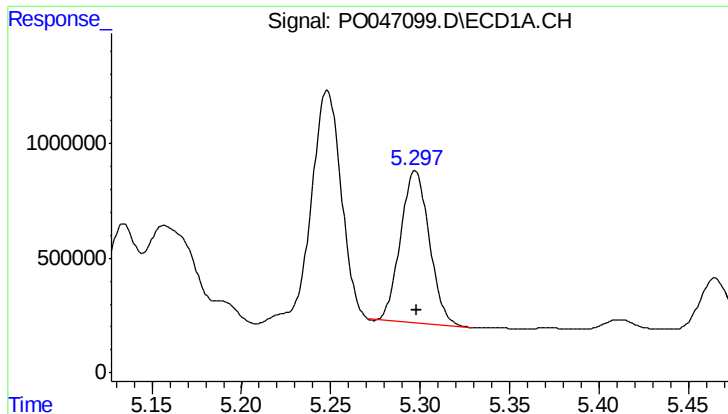
#2 Decachlorobiphenyl

R.T.: 10.086 min
Delta R.T.: 0.002 min
Response: 2932442
Conc: 26.79 ng/ml



#2 Decachlorobiphenyl

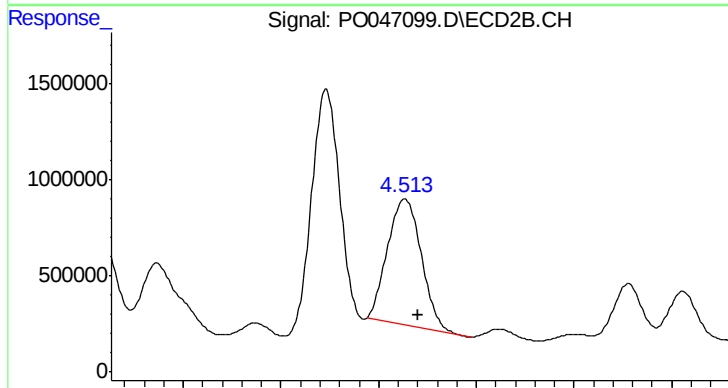
R.T.: 8.650 min
Delta R.T.: -0.014 min
Response: 2353540
Conc: 25.63 ng/ml



#3 AR-1016-1

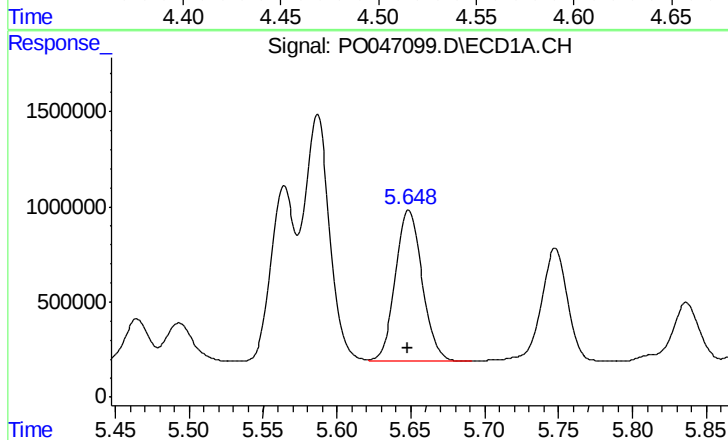
R.T.: 5.297 min
Delta R.T.: 0.000 min
Response: 7354687
Conc: 2261.08 ng/ml

Instrument :
ECD_O
ClientSampleId :
1525



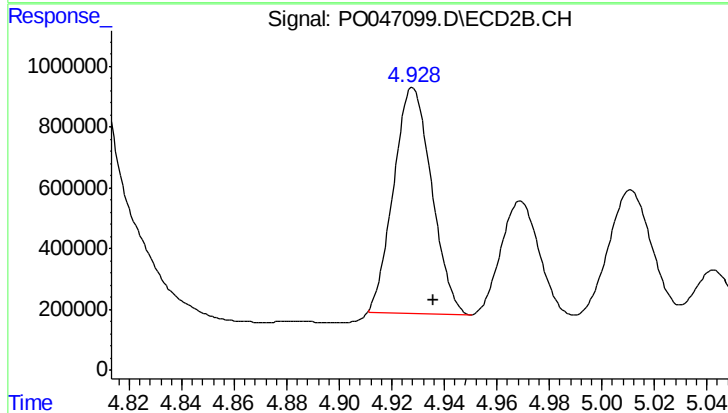
#3 AR-1016-1

R.T.: 4.513 min
Delta R.T.: -0.006 min
Response: 7856076
Conc: 2312.42 ng/ml



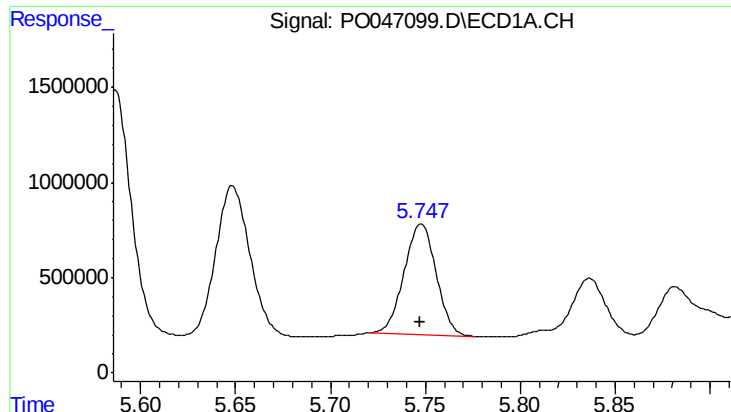
#4 AR-1016-2

R.T.: 5.649 min
Delta R.T.: 0.000 min
Response: 9956556
Conc: 2545.29 ng/ml



#4 AR-1016-2

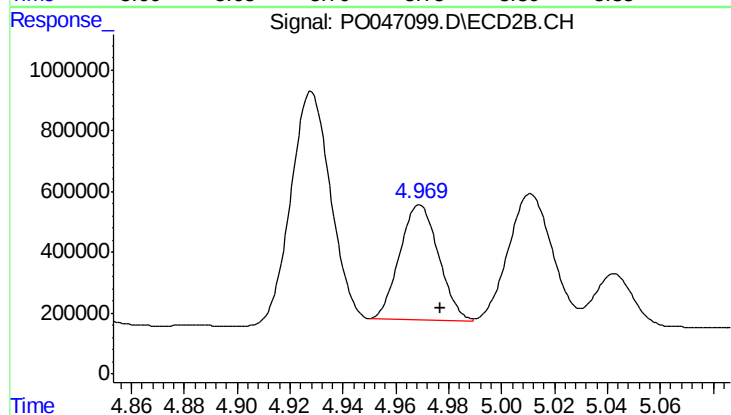
R.T.: 4.928 min
Delta R.T.: -0.007 min
Response: 7481926
Conc: 2325.64 ng/ml



#5 AR-1016-3

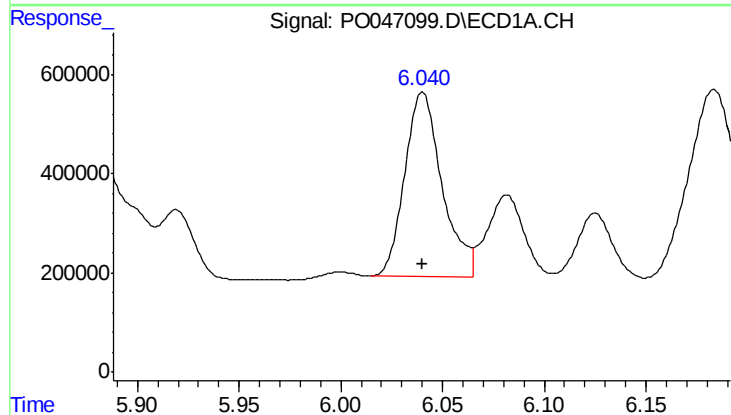
R.T.: 5.748 min
Delta R.T.: 0.000 min
Response: 6789510
Conc: 2108.88 ng/ml

Instrument :
ECD_O
ClientSampleId :
1525



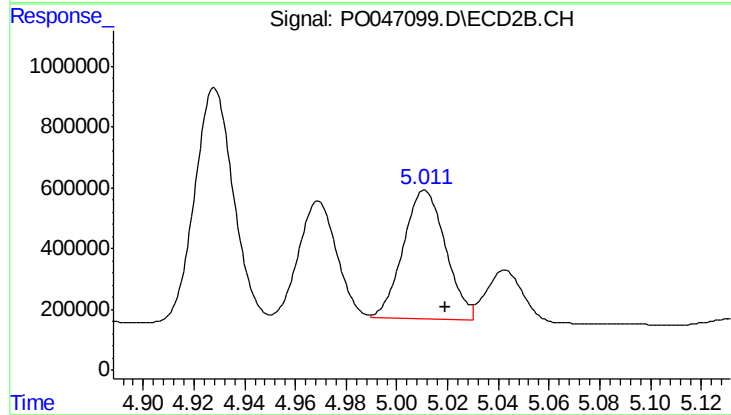
#5 AR-1016-3

R.T.: 4.969 min
Delta R.T.: -0.008 min
Response: 3878649
Conc: 1477.41 ng/ml



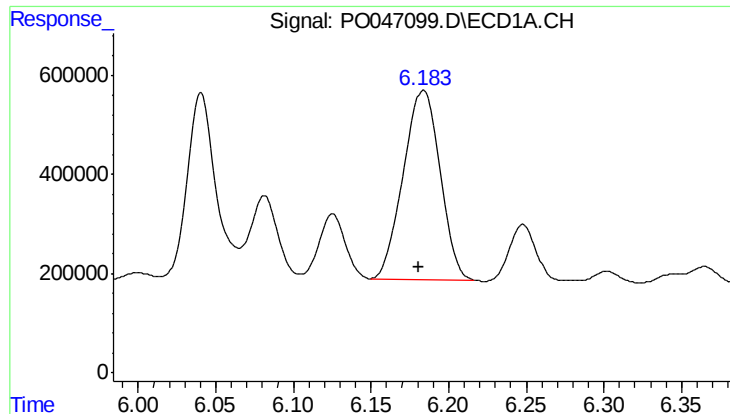
#6 AR-1016-4

R.T.: 6.040 min
Delta R.T.: 0.000 min
Response: 4757513
Conc: 1507.78 ng/ml



#6 AR-1016-4

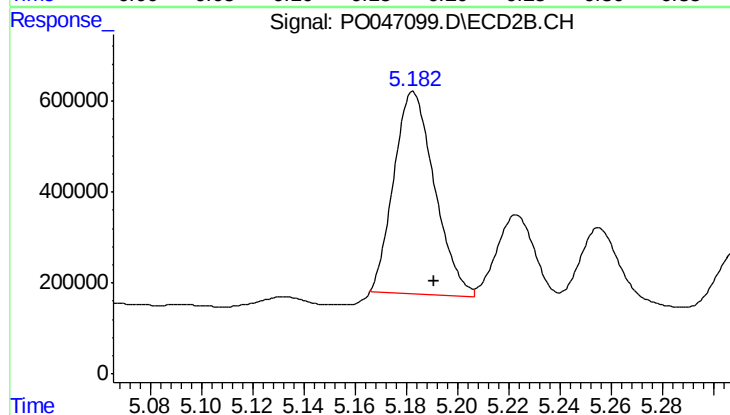
R.T.: 5.011 min
Delta R.T.: -0.008 min
Response: 4946149
Conc: 1589.98 ng/ml



#7 AR-1016-5

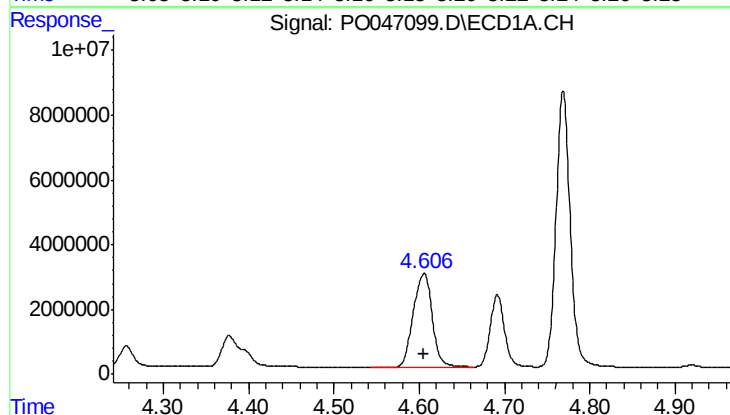
R.T.: 6.184 min
Delta R.T.: 0.003 min
Response: 6172656
Conc: 1868.89 ng/ml

Instrument :
ECD_O
ClientSampleId :
1525



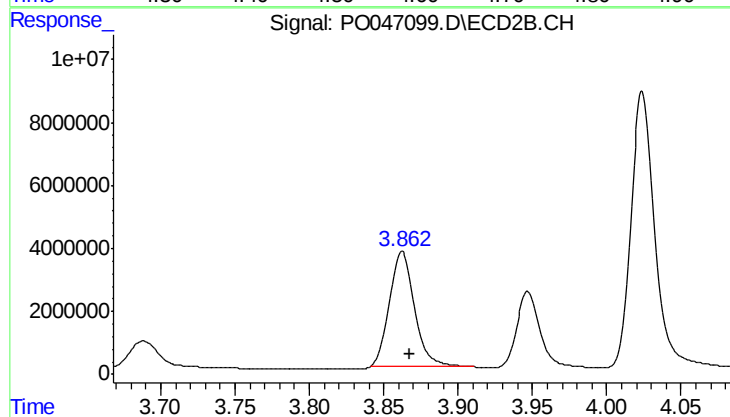
#7 AR-1016-5

R.T.: 5.183 min
Delta R.T.: -0.008 min
Response: 4899734
Conc: 1418.88 ng/ml



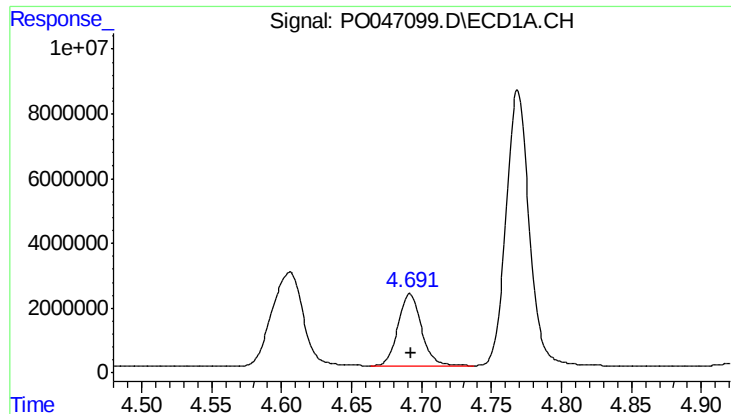
#8 AR-1221-1

R.T.: 4.606 min
Delta R.T.: 0.000 min
Response: 44598560
Conc: 27485.95 ng/ml



#8 AR-1221-1

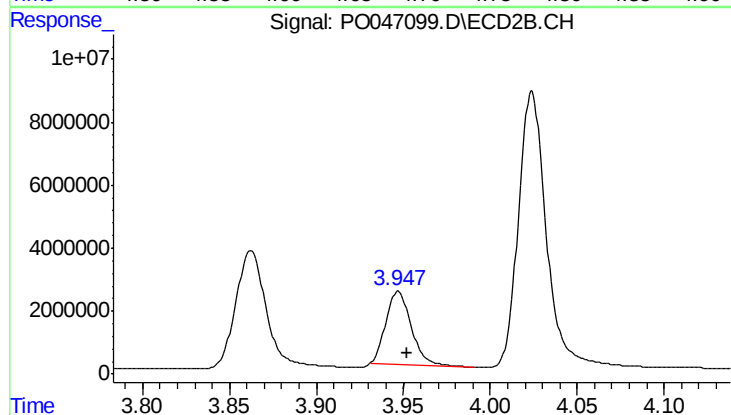
R.T.: 3.862 min
Delta R.T.: -0.005 min
Response: 43788183
Conc: 26284.37 ng/ml



#9 AR-1221-2

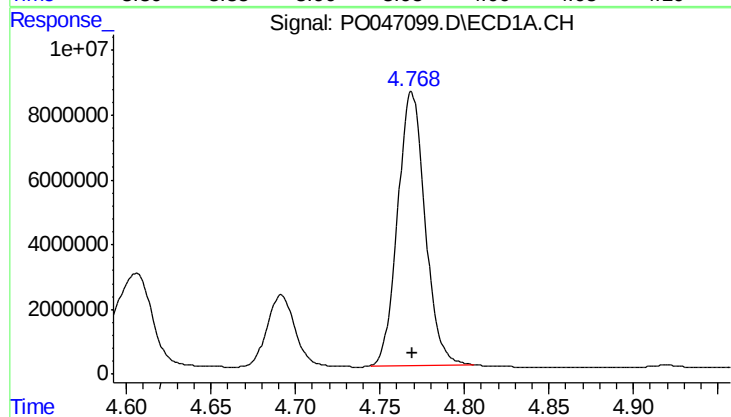
R.T.: 4.692 min
Delta R.T.: 0.000 min
Response: 25647709
Conc: 21586.39 ng/ml

Instrument :
ECD_O
ClientSampleId :
1525



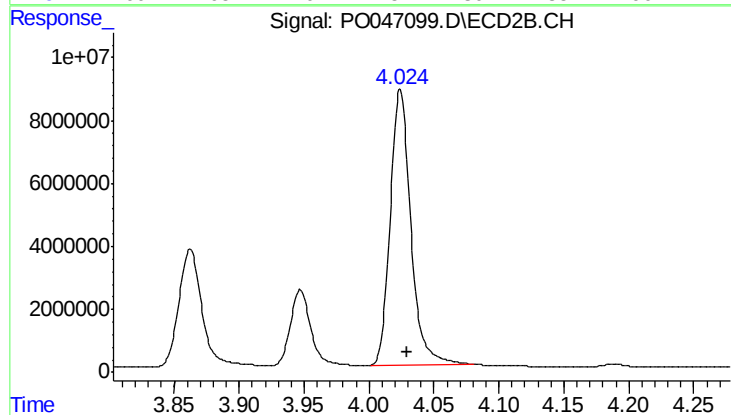
#9 AR-1221-2

R.T.: 3.947 min
Delta R.T.: -0.005 min
Response: 23653224
Conc: 19740.88 ng/ml



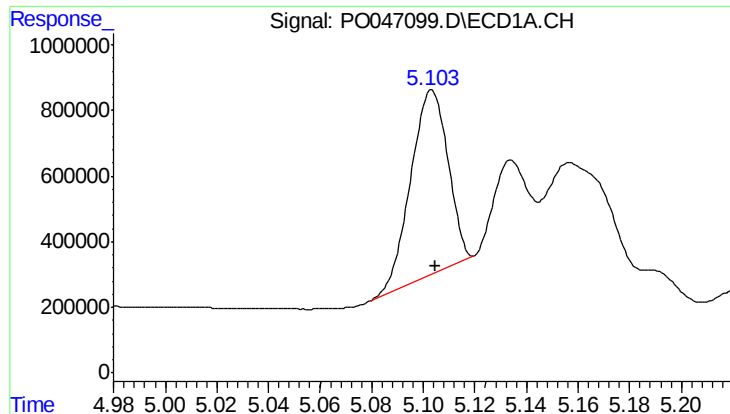
#10 AR-1221-3

R.T.: 4.769 min
Delta R.T.: 0.000 min
Response: 95550942
Conc: 25774.03 ng/ml



#10 AR-1221-3

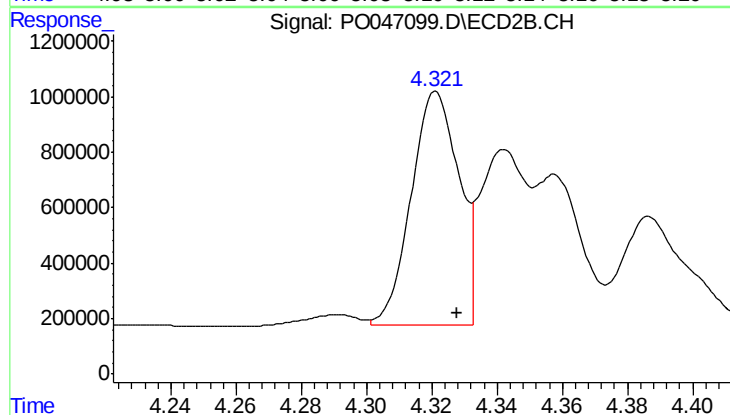
R.T.: 4.024 min
Delta R.T.: -0.005 min
Response: 96905273
Conc: 24547.98 ng/ml



#11 AR-1232-1

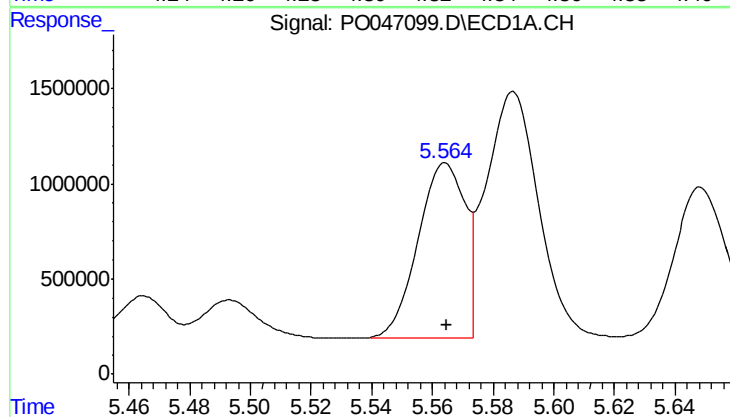
R.T.: 5.103 min
Delta R.T.: -0.001 min
Response: 5650717
Conc: 3772.94 ng/ml

Instrument :
ECD_O
ClientSampleId :
1525



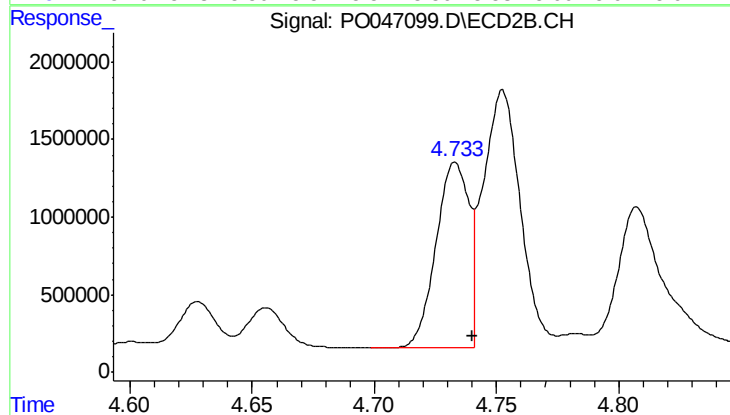
#11 AR-1232-1

R.T.: 4.321 min
Delta R.T.: -0.006 min
Response: 8568955
Conc: 5451.73 ng/ml



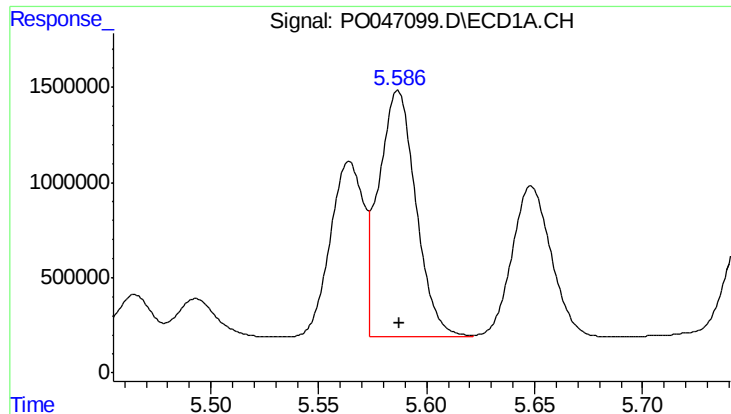
#12 AR-1232-2

R.T.: 5.564 min
Delta R.T.: 0.000 min
Response: 9835887
Conc: 4827.20 ng/ml



#12 AR-1232-2

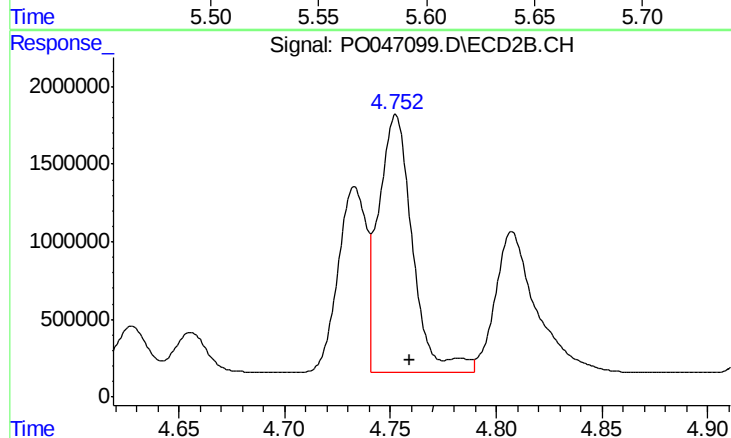
R.T.: 4.733 min
Delta R.T.: -0.007 min
Response: 11081673
Conc: 5557.50 ng/ml



#13 AR-1232-3

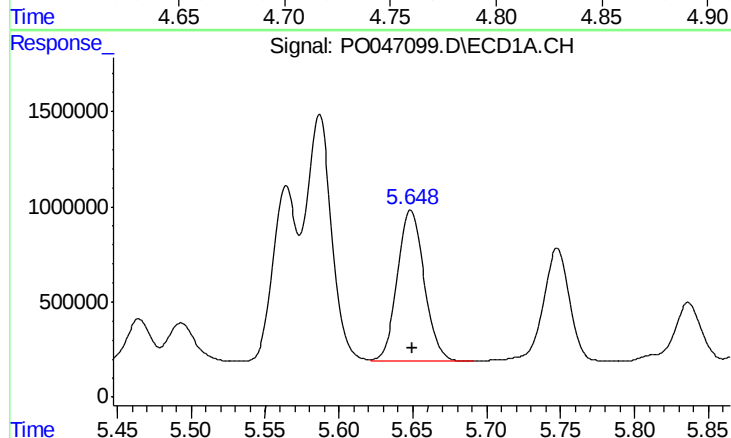
R.T.: 5.587 min
Delta R.T.: 0.000 min
Response: 15484578
Conc: 5324.72 ng/ml

Instrument :
ECD_O
ClientSampleId :
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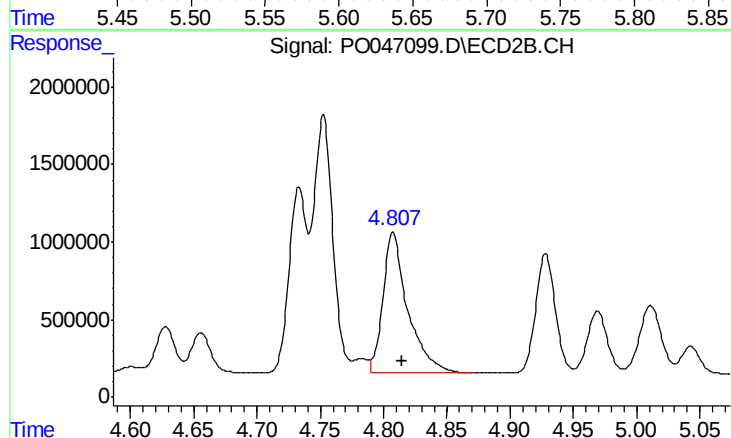
#13 AR-1232-3

R.T.: 4.752 min
Delta R.T.: -0.007 min
Response: 18614800
Conc: 6021.84 ng/ml



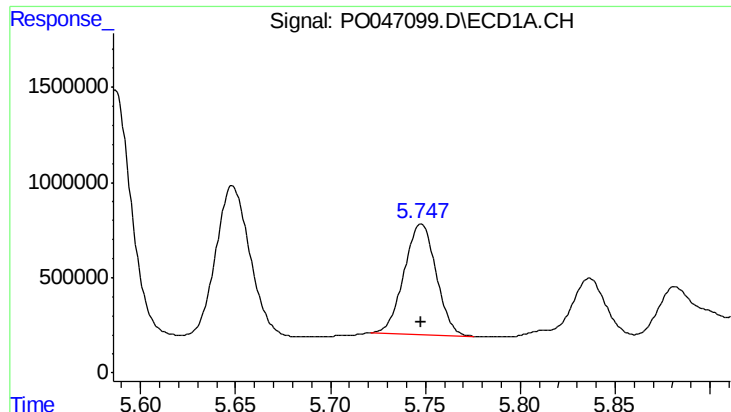
#14 AR-1232-4

R.T.: 5.649 min
Delta R.T.: -0.001 min
Response: 9956556
Conc: 5580.16 ng/ml



#14 AR-1232-4

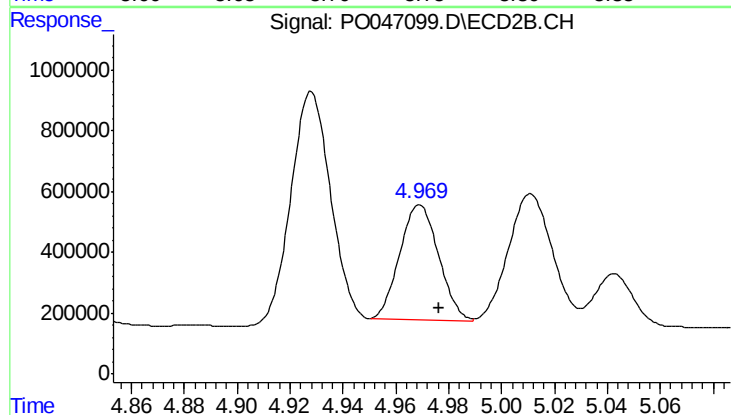
R.T.: 4.808 min
Delta R.T.: -0.007 min
Response: 12377595
Conc: 6789.01 ng/ml



#15 AR-1232-5

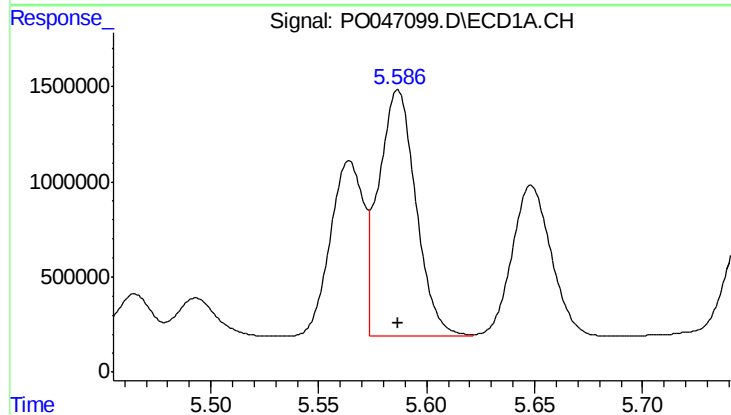
R.T.: 5.748 min
Delta R.T.: 0.000 min
Response: 6789510
Conc: 4792.39 ng/ml

Instrument :
ECD_O
ClientSampleId :
1525



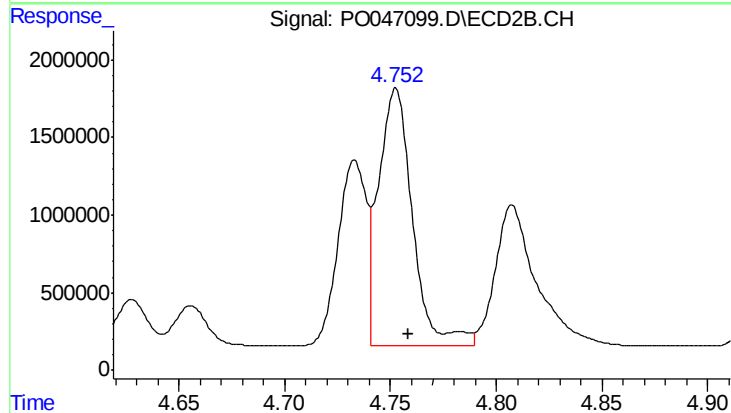
#15 AR-1232-5

R.T.: 4.969 min
Delta R.T.: -0.007 min
Response: 3878649
Conc: 3859.03 ng/ml



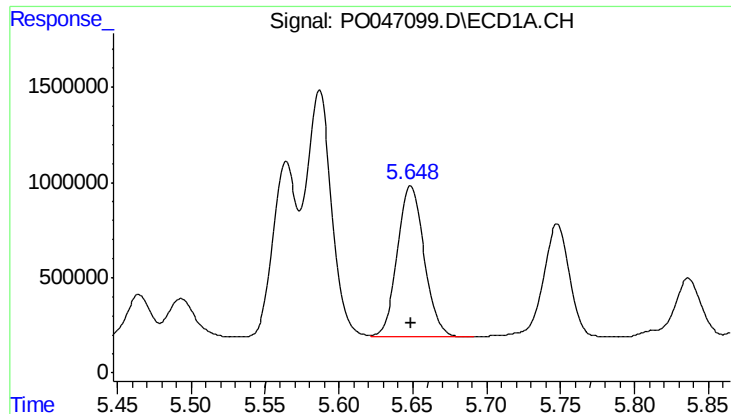
#16 AR-1242-1

R.T.: 5.587 min
Delta R.T.: 0.000 min
Response: 15484578
Conc: 2671.45 ng/ml



#16 AR-1242-1

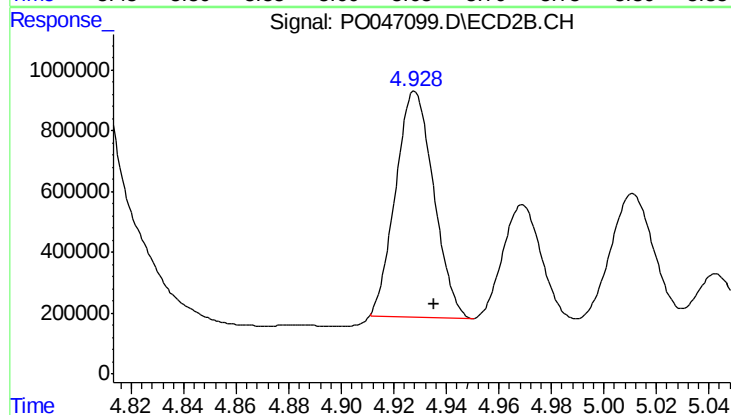
R.T.: 4.752 min
Delta R.T.: -0.006 min
Response: 18614800
Conc: 3235.45 ng/ml



#17 AR-1242-2

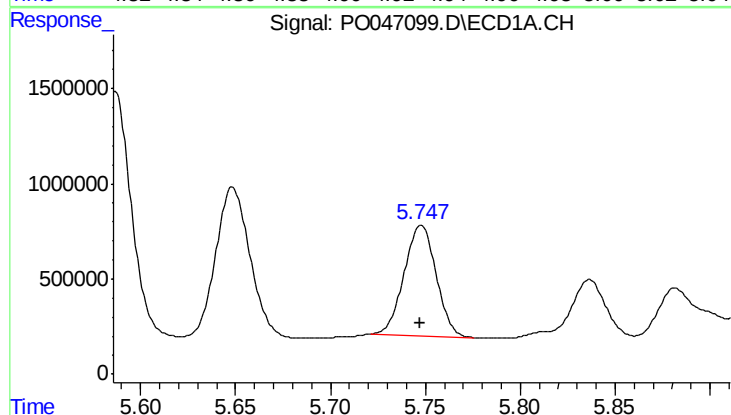
R.T.: 5.649 min
Delta R.T.: 0.000 min
Response: 9956556
Conc: 2806.66 ng/ml

Instrument :
ECD_O
ClientSampleId :
1525



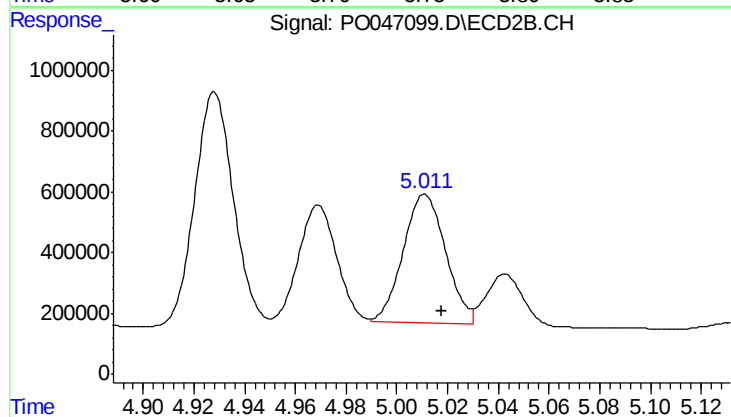
#17 AR-1242-2

R.T.: 4.928 min
Delta R.T.: -0.007 min
Response: 7481926
Conc: 2600.70 ng/ml



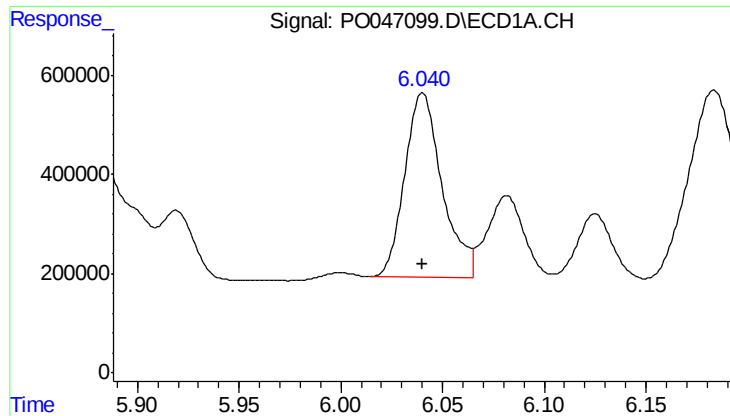
#18 AR-1242-3

R.T.: 5.748 min
Delta R.T.: 0.000 min
Response: 6789510
Conc: 2392.73 ng/ml



#18 AR-1242-3

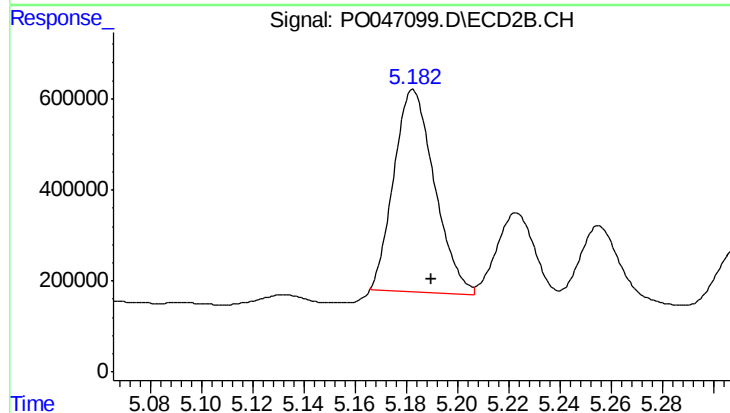
R.T.: 5.011 min
Delta R.T.: -0.006 min
Response: 4946149
Conc: 1731.44 ng/ml



#19 AR-1242-4

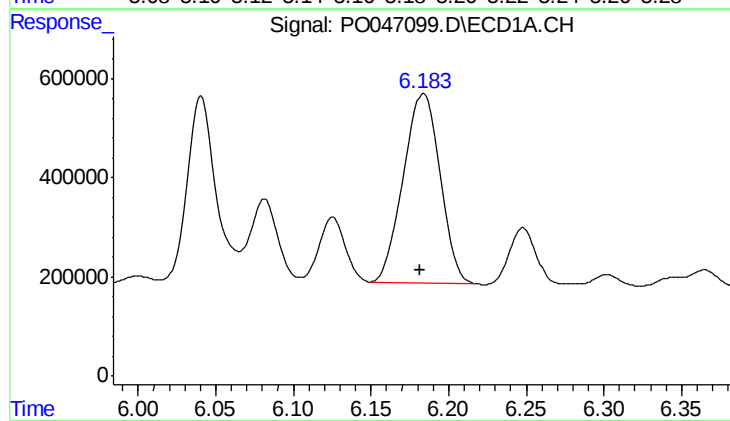
R.T.: 6.040 min
Delta R.T.: 0.000 min
Response: 4757513
Conc: 1654.32 ng/ml

Instrument :
ECD_O
ClientSampleId :
1525



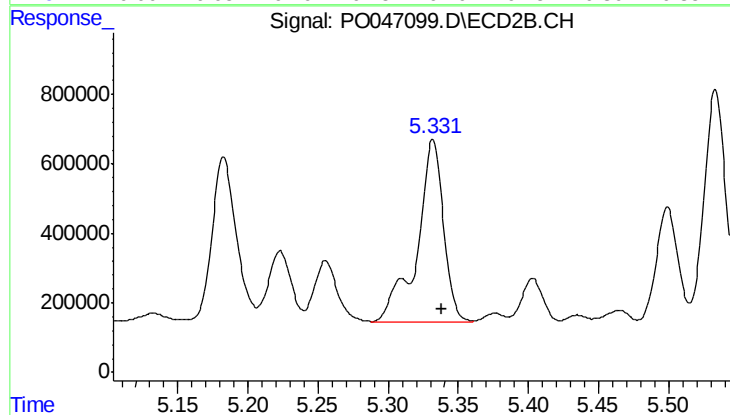
#19 AR-1242-4

R.T.: 5.183 min
Delta R.T.: -0.007 min
Response: 4899734
Conc: 1603.69 ng/ml



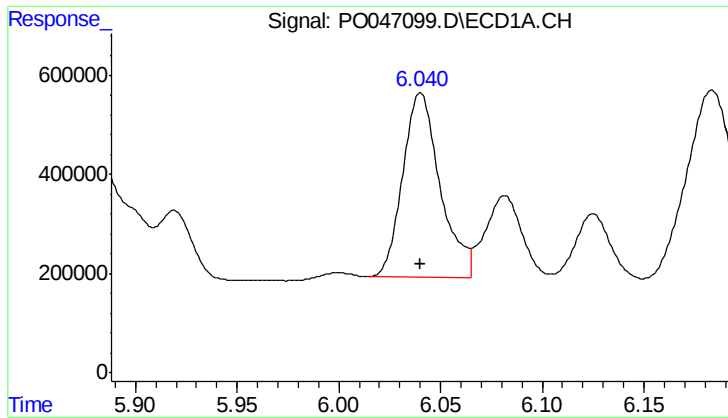
#20 AR-1242-5

R.T.: 6.184 min
Delta R.T.: 0.002 min
Response: 6172656
Conc: 1992.65 ng/ml



#20 AR-1242-5

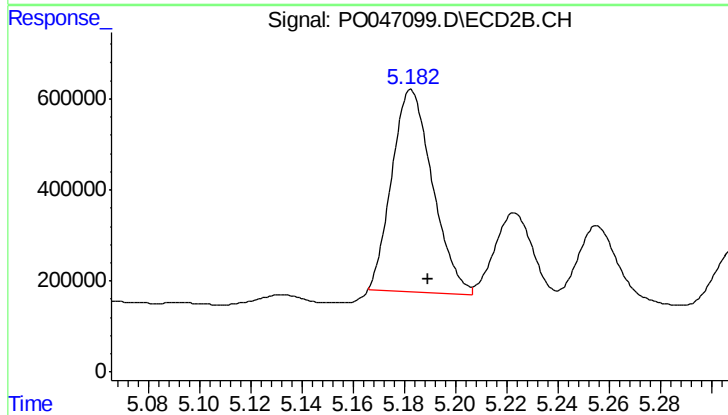
R.T.: 5.332 min
Delta R.T.: -0.007 min
Response: 6893943
Conc: 2133.96 ng/ml



#21 AR-1248-1

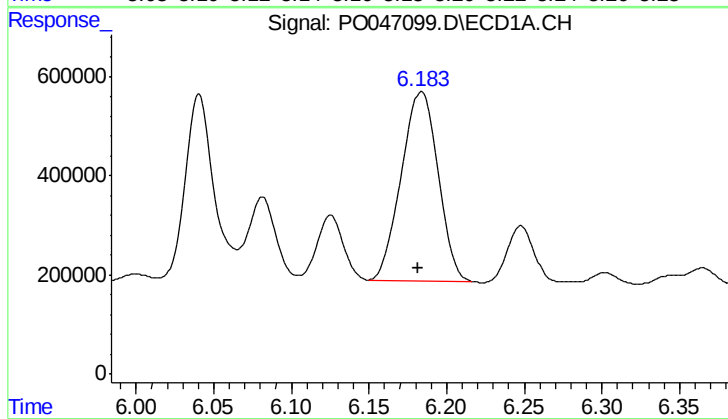
R.T.: 6.040 min
Delta R.T.: 0.000 min
Response: 4757513
Conc: 1017.47 ng/ml

Instrument :
ECD_O
ClientSampleId :
1525



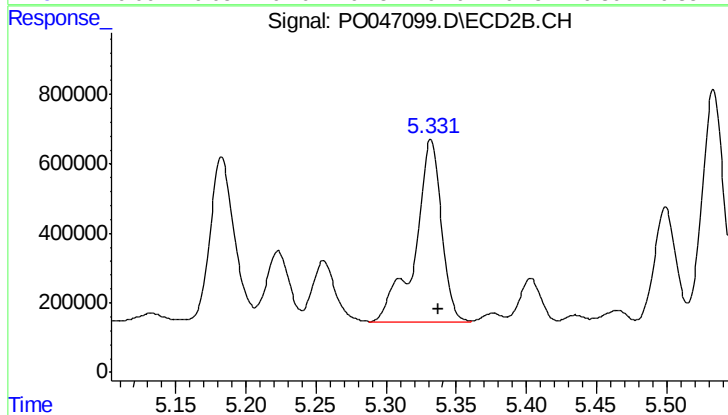
#21 AR-1248-1

R.T.: 5.183 min
Delta R.T.: -0.006 min
Response: 4899734
Conc: 977.42 ng/ml



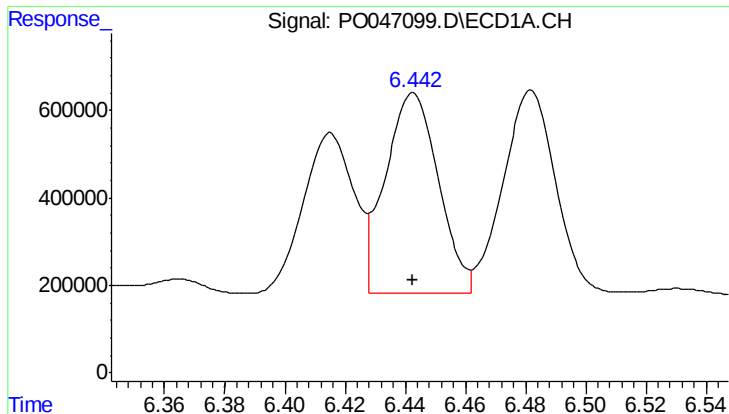
#22 AR-1248-2

R.T.: 6.184 min
Delta R.T.: 0.002 min
Response: 6172656
Conc: 1557.42 ng/ml



#22 AR-1248-2

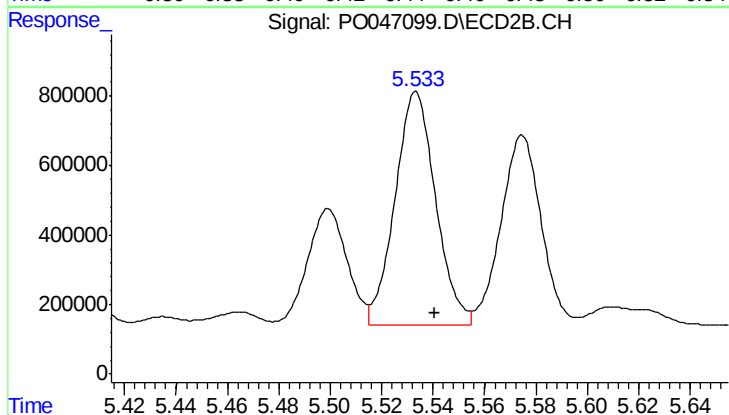
R.T.: 5.332 min
Delta R.T.: -0.006 min
Response: 6893943
Conc: 1645.04 ng/ml



#23 AR-1248-3

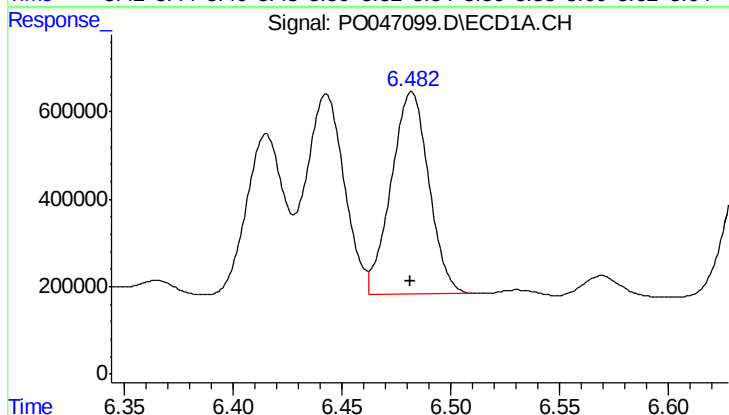
R.T.: 6.443 min
Delta R.T.: 0.000 min
Response: 5584568
Conc: 1100.01 ng/ml

Instrument :
ECD_O
ClientSampleId :
1525



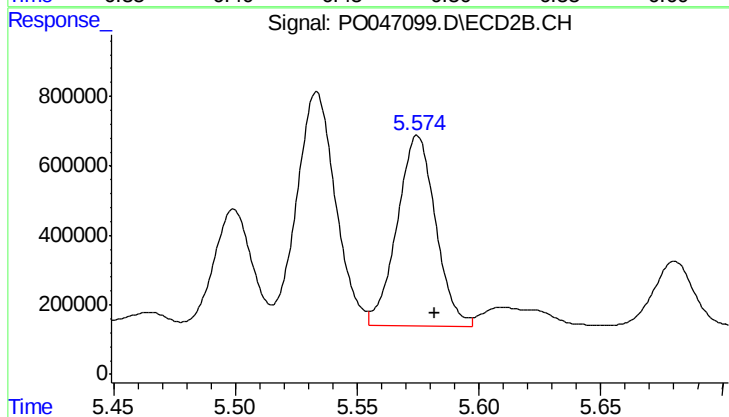
#23 AR-1248-3

R.T.: 5.533 min
Delta R.T.: -0.007 min
Response: 7442329
Conc: 1160.95 ng/ml



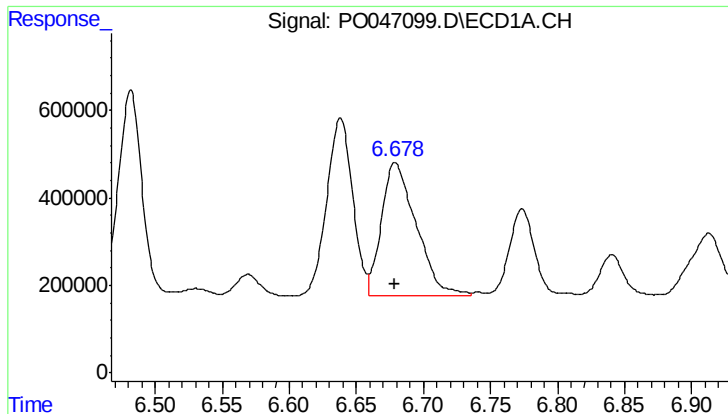
#24 AR-1248-4

R.T.: 6.482 min
Delta R.T.: 0.000 min
Response: 5557652
Conc: 1163.51 ng/ml



#24 AR-1248-4

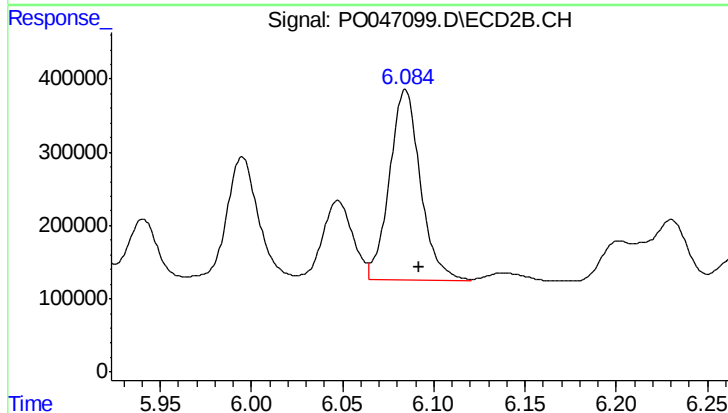
R.T.: 5.575 min
Delta R.T.: -0.007 min
Response: 6042421
Conc: 1350.07 ng/ml



#25 AR-1248-5

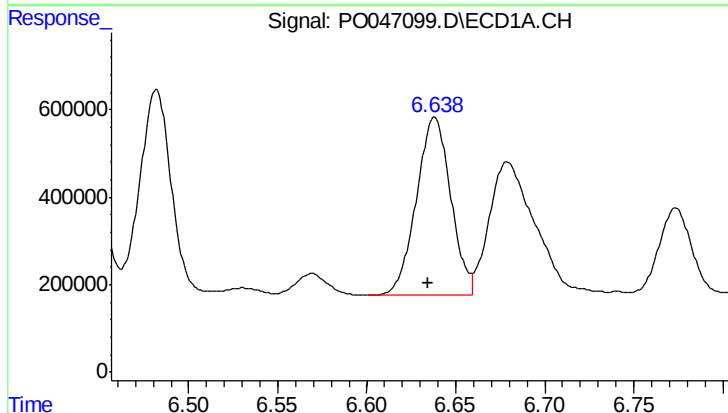
R.T.: 6.679 min
Delta R.T.: 0.000 min
Response: 5527298
Conc: 1725.92 ng/ml

Instrument :
ECD_O
ClientSampleId :
1525



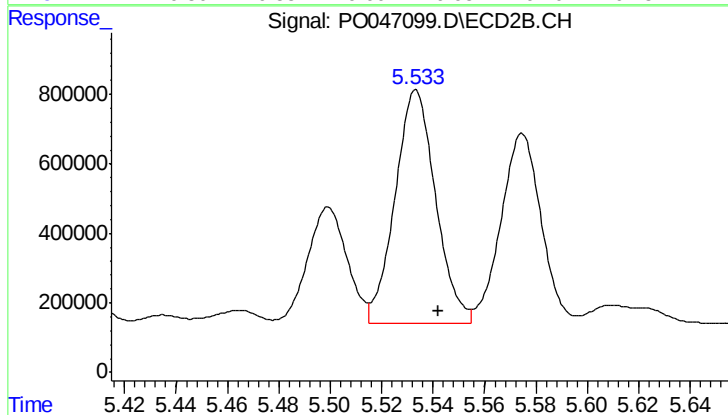
#25 AR-1248-5

R.T.: 6.084 min
Delta R.T.: -0.008 min
Response: 3057149
Conc: 1104.79 ng/ml



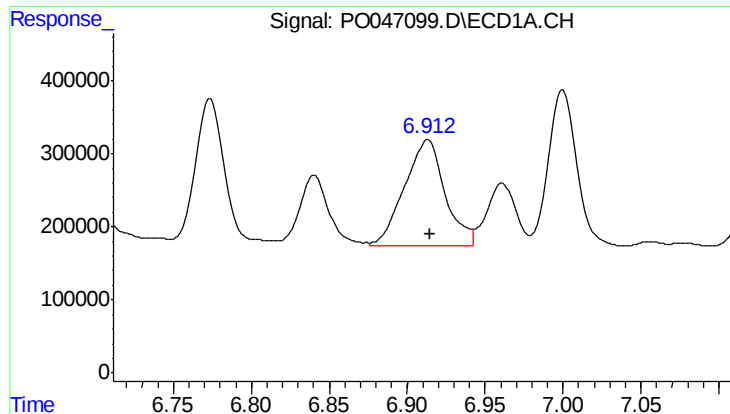
#26 AR-1254-1

R.T.: 6.638 min
Delta R.T.: 0.004 min
Response: 5463672
Conc: 664.49 ng/ml



#26 AR-1254-1

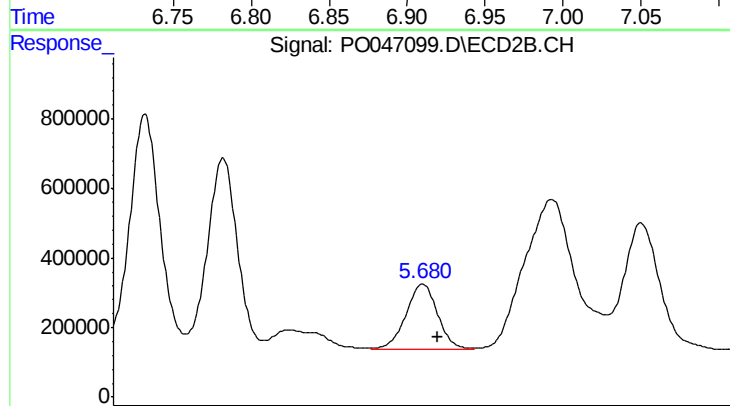
R.T.: 5.533 min
Delta R.T.: -0.008 min
Response: 7442329
Conc: 1041.82 ng/ml



#27 AR-1254-2

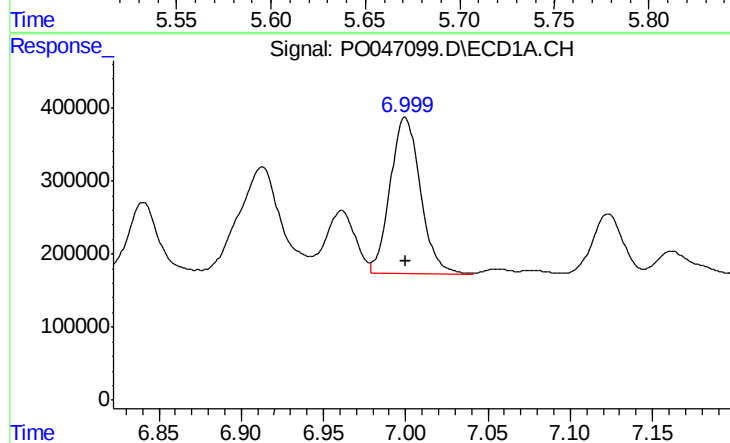
R.T.: 6.913 min
Delta R.T.: -0.002 min
Response: 2610302
Conc: 531.59 ng/ml

Instrument :
ECD_O
ClientSampleId :
1525



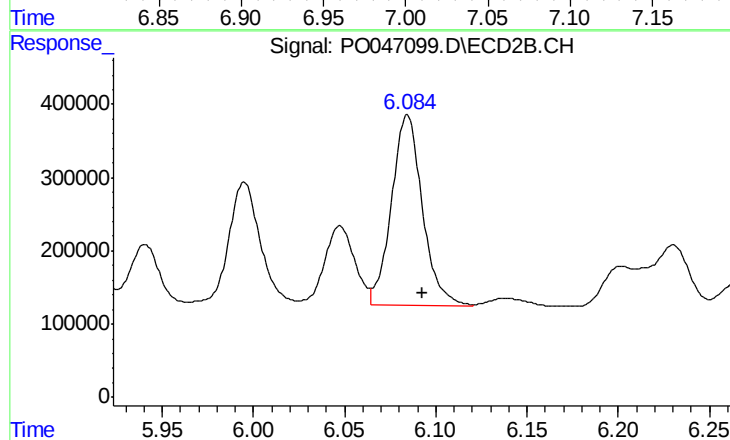
#27 AR-1254-2

R.T.: 5.680 min
Delta R.T.: -0.008 min
Response: 2228151
Conc: 367.86 ng/ml



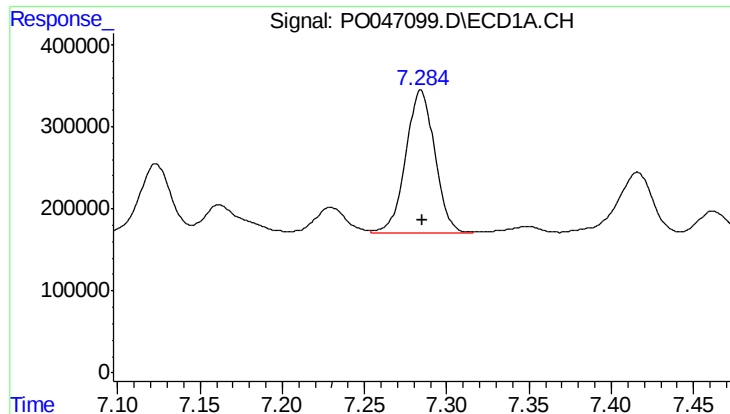
#28 AR-1254-3

R.T.: 7.000 min
Delta R.T.: 0.000 min
Response: 2753176
Conc: 320.34 ng/ml



#28 AR-1254-3

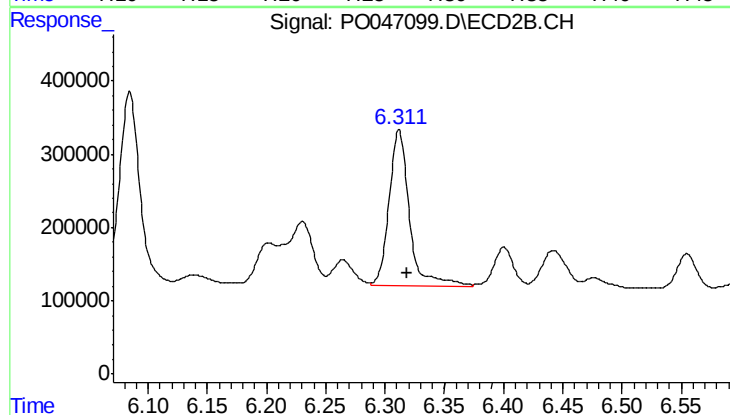
R.T.: 6.084 min
Delta R.T.: -0.008 min
Response: 3057149
Conc: 324.70 ng/ml



#29 AR-1254-4

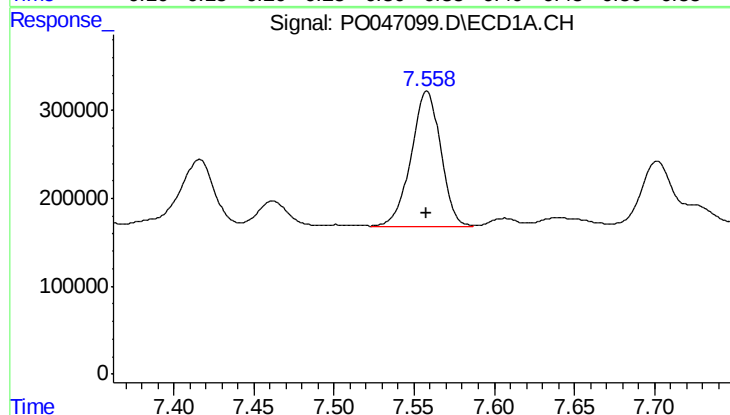
R.T.: 7.284 min
Delta R.T.: 0.000 min
Response: 2138865
Conc: 334.90 ng/ml

Instrument :
ECD_O
ClientSampleId :
1525



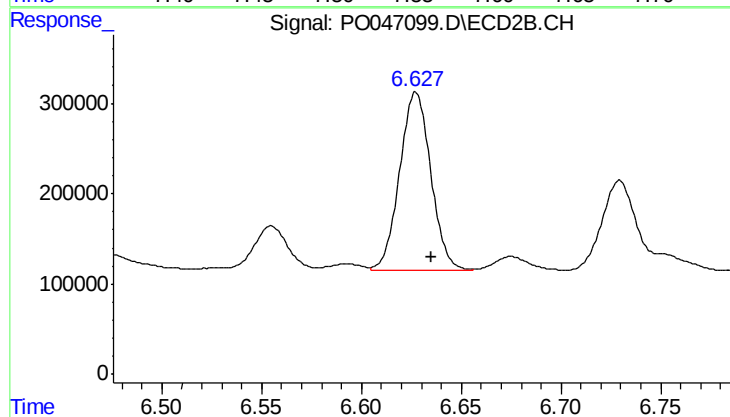
#29 AR-1254-4

R.T.: 6.312 min
Delta R.T.: -0.007 min
Response: 2537330
Conc: 439.93 ng/ml



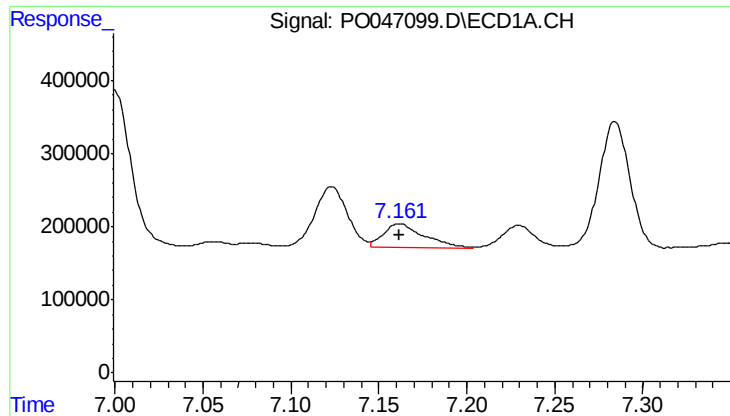
#30 AR-1254-5

R.T.: 7.558 min
Delta R.T.: 0.000 min
Response: 1965792
Conc: 413.99 ng/ml



#30 AR-1254-5

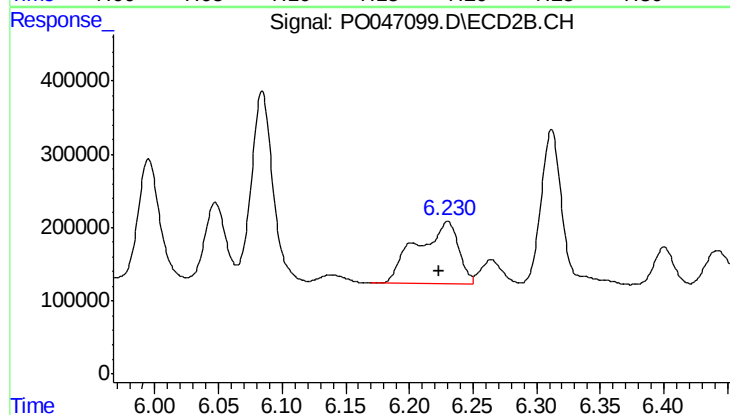
R.T.: 6.627 min
Delta R.T.: -0.008 min
Response: 2143625
Conc: 539.94 ng/ml



#31 AR-1260-1

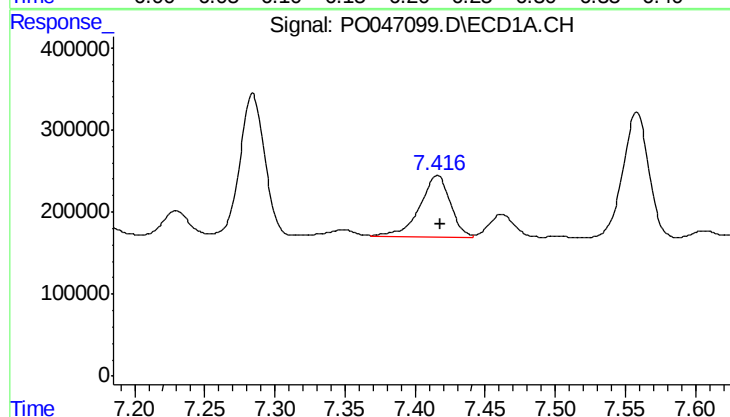
R.T.: 7.162 min
Delta R.T.: 0.000 min
Response: 523219
Conc: 87.12 ng/ml

Instrument :
ECD_O
ClientSampleId :
1525



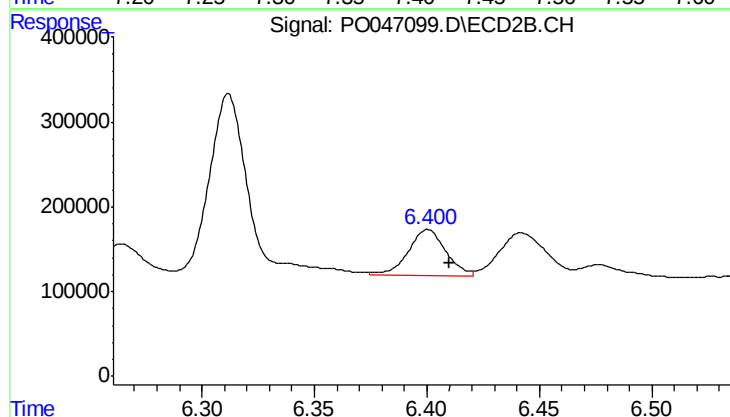
#31 AR-1260-1

R.T.: 6.230 min
Delta R.T.: 0.007 min
Response: 1952949
Conc: 329.46 ng/ml



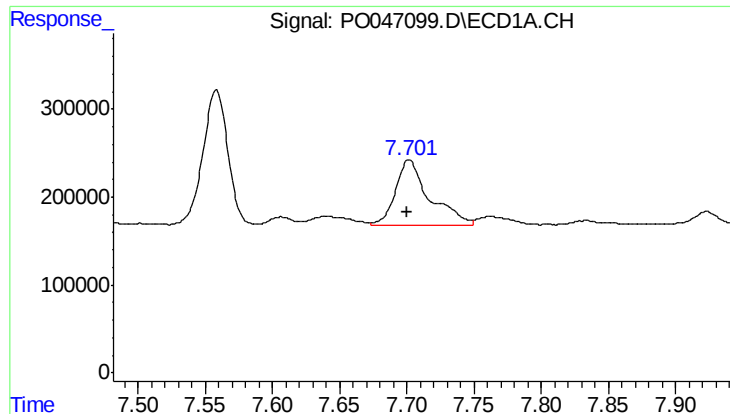
#32 AR-1260-2

R.T.: 7.416 min
Delta R.T.: -0.002 min
Response: 1148389
Conc: 157.14 ng/ml



#32 AR-1260-2

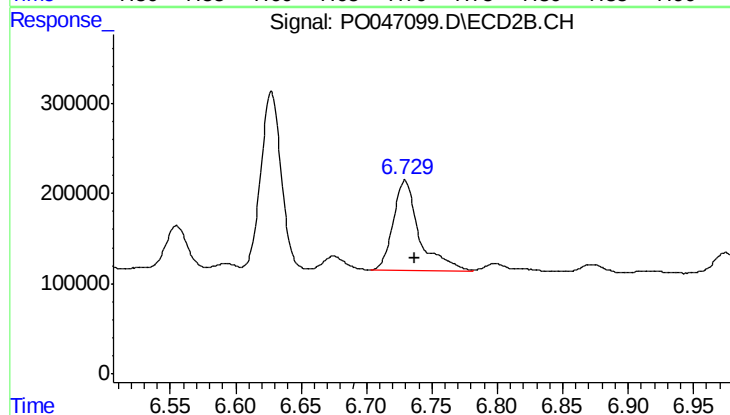
R.T.: 6.400 min
Delta R.T.: -0.009 min
Response: 618622
Conc: 88.08 ng/ml



#33 AR-1260-3

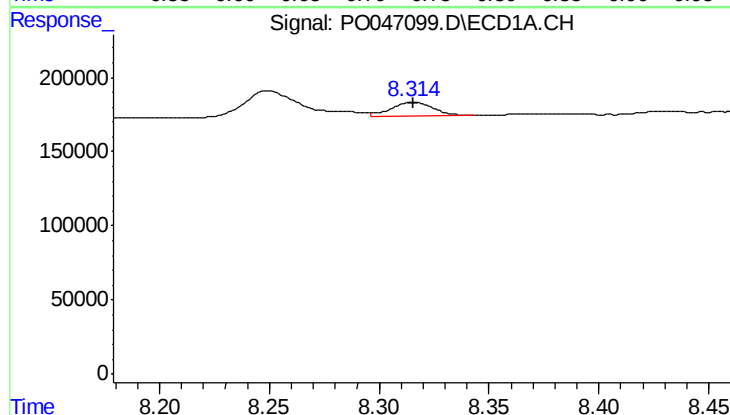
R.T.: 7.702 min
Delta R.T.: 0.001 min
Response: 1293582
Conc: 150.86 ng/ml

Instrument :
ECD_O
ClientSampleId :
1525



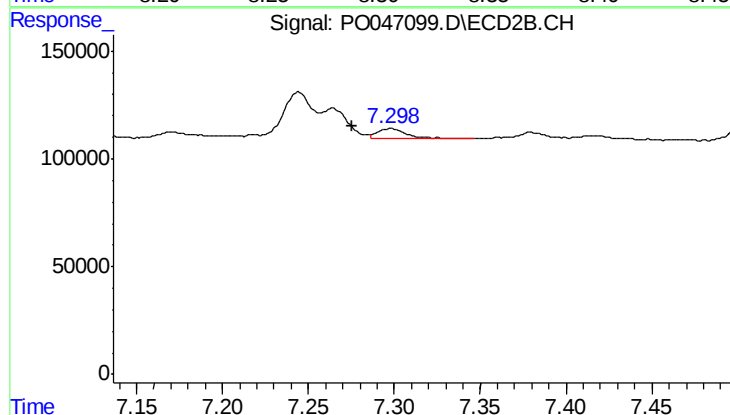
#33 AR-1260-3

R.T.: 6.729 min
Delta R.T.: -0.008 min
Response: 1415759
Conc: 188.58 ng/ml



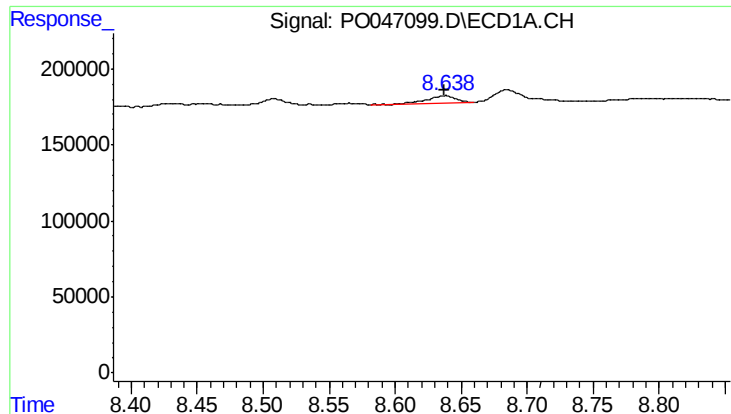
#34 AR-1260-4

R.T.: 8.315 min
Delta R.T.: 0.000 min
Response: 128600
Conc: 10.62 ng/ml



#34 AR-1260-4

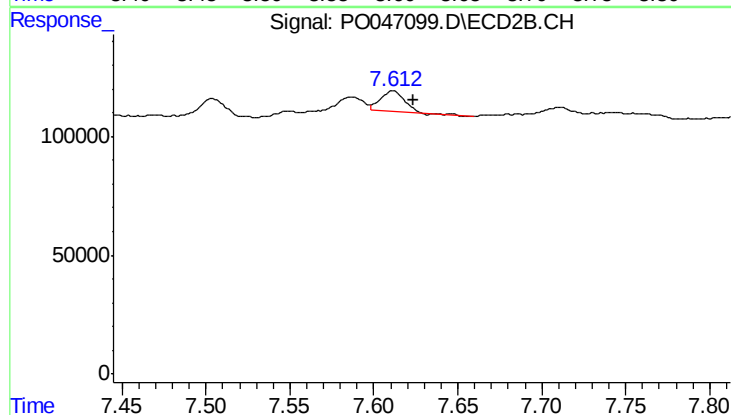
R.T.: 7.298 min
Delta R.T.: 0.022 min
Response: 58049
Conc: 4.98 ng/ml



#35 AR-1260-5

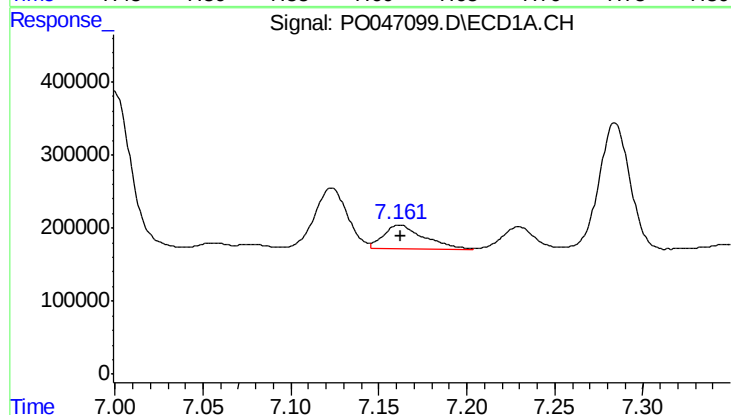
R.T.: 8.638 min
Delta R.T.: 0.000 min
Response: 76076
Conc: 10.31 ng/ml

Instrument :
ECD_O
ClientSampleId :
1525



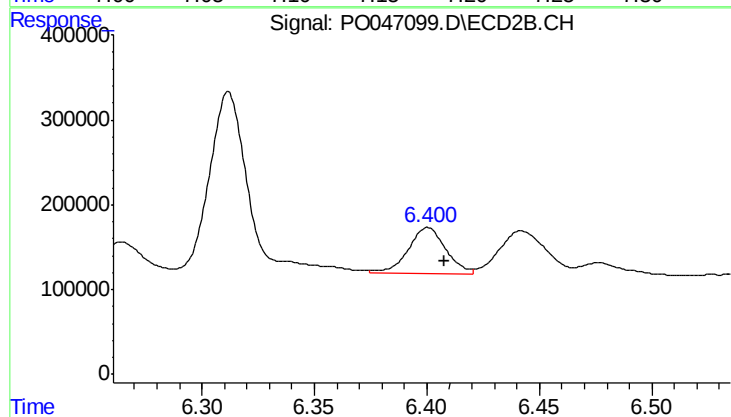
#35 AR-1260-5

R.T.: 7.611 min
Delta R.T.: -0.012 min
Response: 90654
Conc: 10.93 ng/ml



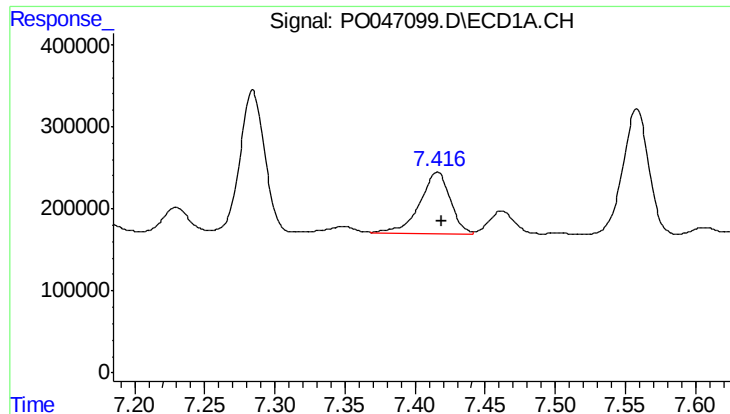
#36 AR-1262-1

R.T.: 7.162 min
Delta R.T.: 0.000 min
Response: 523219
Conc: 97.21 ng/ml



#36 AR-1262-1

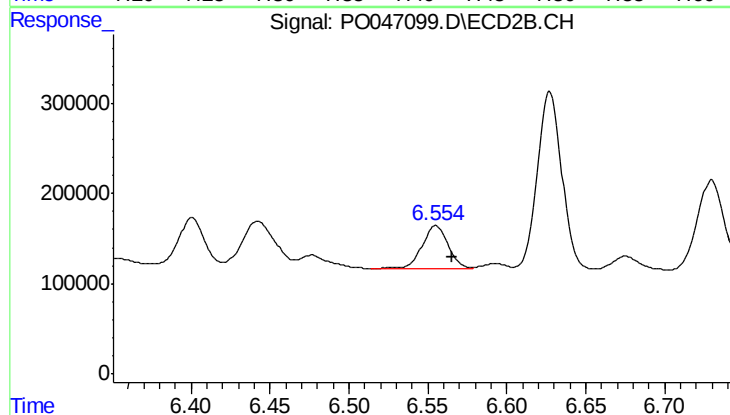
R.T.: 6.400 min
Delta R.T.: -0.007 min
Response: 618622
Conc: 100.24 ng/ml



#37 AR-1262-2

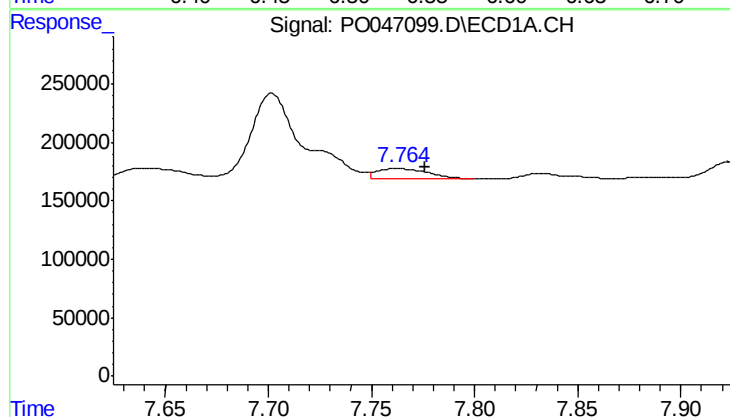
R.T.: 7.416 min
Delta R.T.: -0.003 min
Response: 1148389
Conc: 178.41 ng/ml

Instrument :
ECD_O
ClientSampleId :
1525



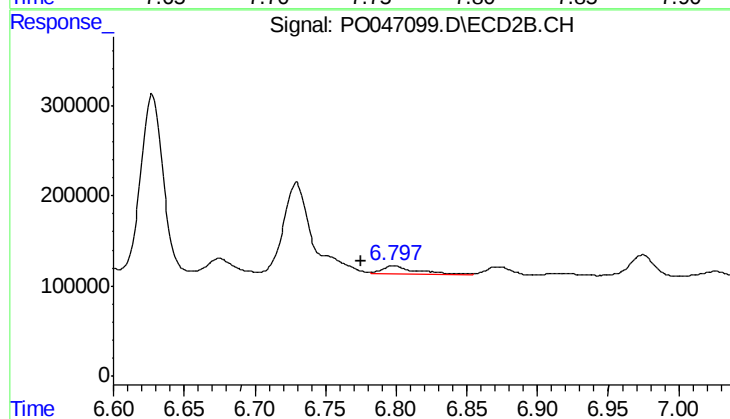
#37 AR-1262-2

R.T.: 6.555 min
Delta R.T.: -0.010 min
Response: 552986
Conc: 90.34 ng/ml



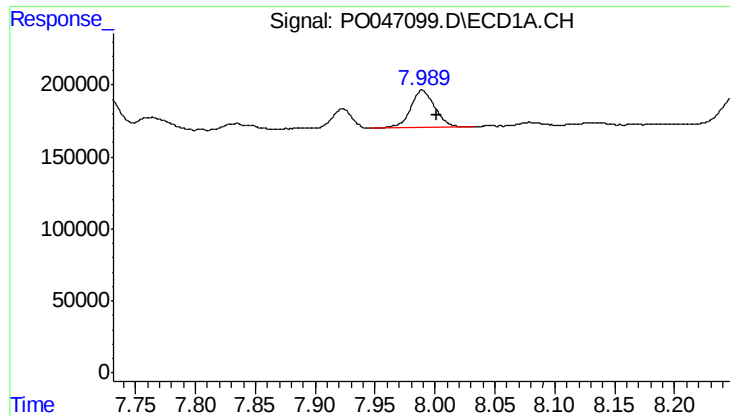
#38 AR-1262-3

R.T.: 7.763 min
Delta R.T.: -0.013 min
Response: 156551
Conc: 18.97 ng/ml



#38 AR-1262-3

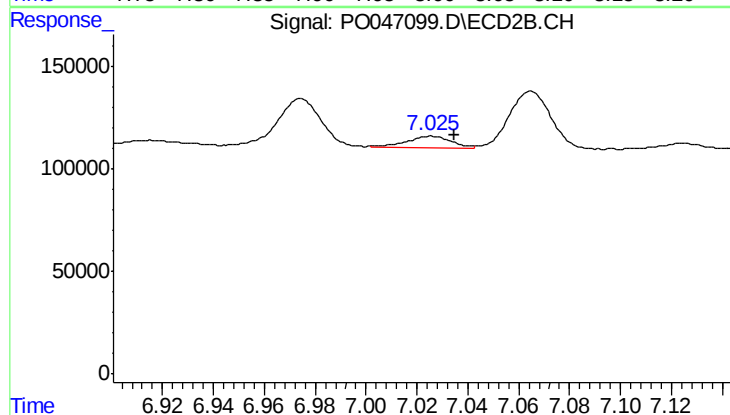
R.T.: 6.798 min
Delta R.T.: 0.023 min
Response: 154187
Conc: 18.94 ng/ml



#39 AR-1262-4

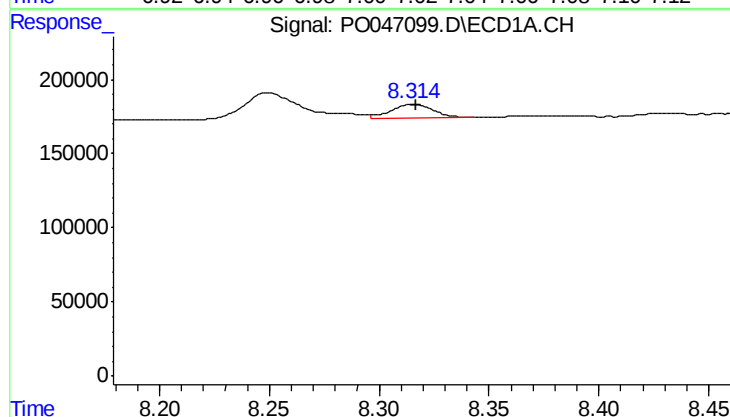
R.T.: 7.989 min
Delta R.T.: -0.012 min
Response: 377224
Conc: 47.22 ng/ml

Instrument :
ECD_O
ClientSampleId :
1525



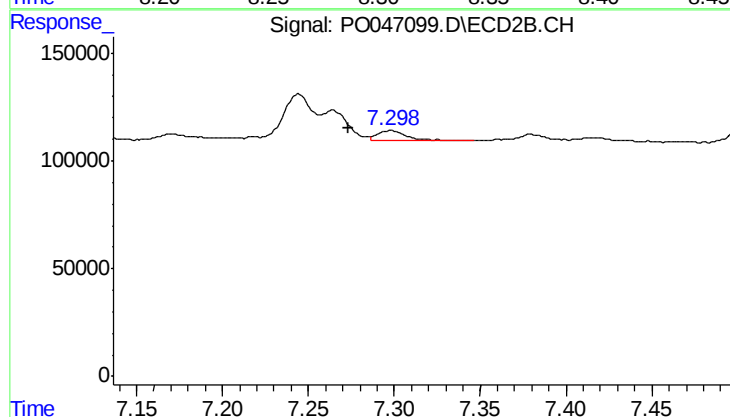
#39 AR-1262-4

R.T.: 7.026 min
Delta R.T.: -0.009 min
Response: 64215
Conc: 9.05 ng/ml



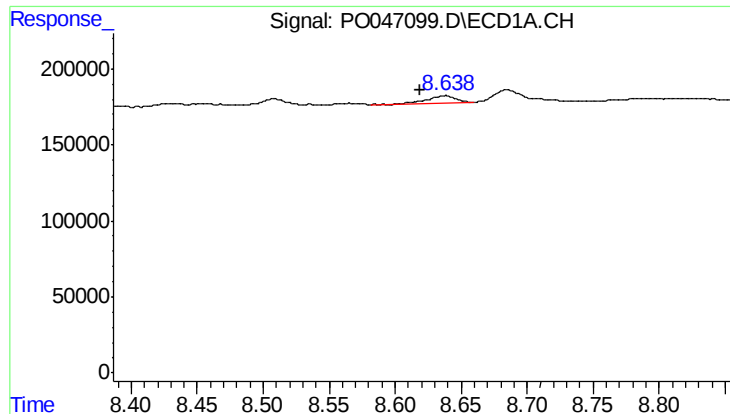
#40 AR-1262-5

R.T.: 8.315 min
Delta R.T.: -0.001 min
Response: 128600
Conc: 8.63 ng/ml



#40 AR-1262-5

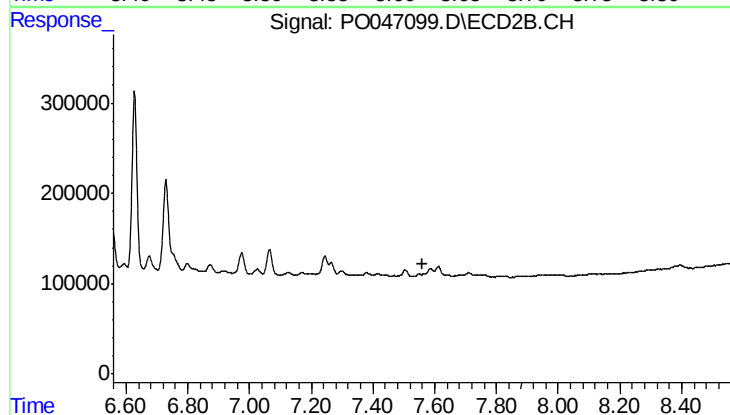
R.T.: 7.298 min
Delta R.T.: 0.024 min
Response: 58049
Conc: 4.15 ng/ml



#41 AR-1268-1

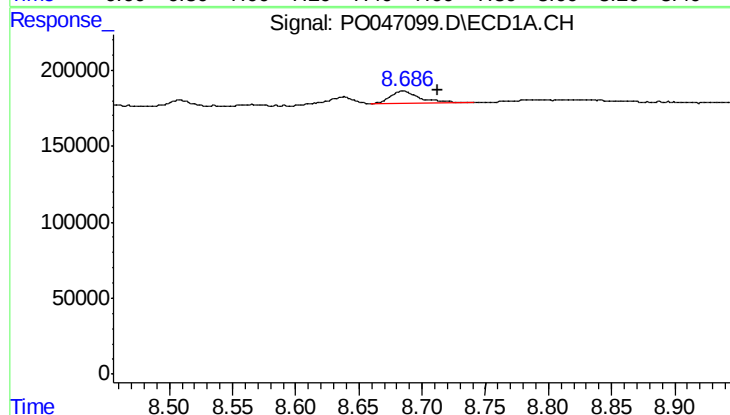
R.T.: 8.638 min
Delta R.T.: 0.019 min
Response: 76076
Conc: 4.86 ng/ml

Instrument :
ECD_O
ClientSampleId :
1525



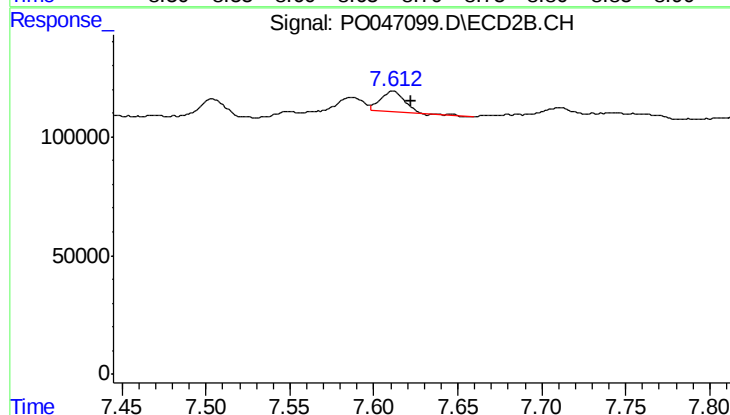
#41 AR-1268-1

R.T.: 7.587 min
Delta R.T.: 0.028 min
Response: -64875
Conc: N.D.



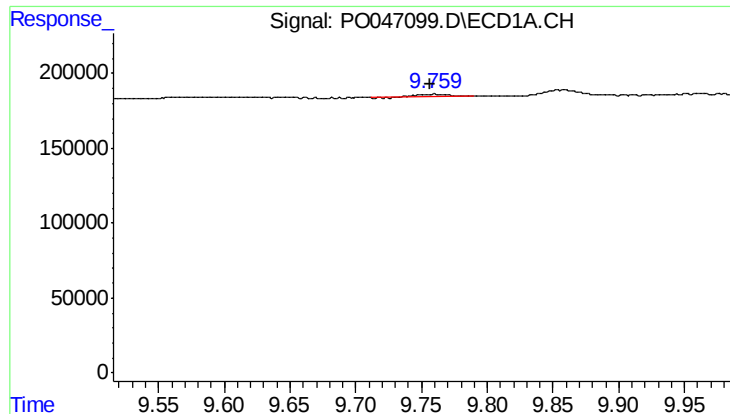
#42 AR-1268-2

R.T.: 8.685 min
Delta R.T.: -0.028 min
Response: 140790
Conc: 10.05 ng/ml



#42 AR-1268-2

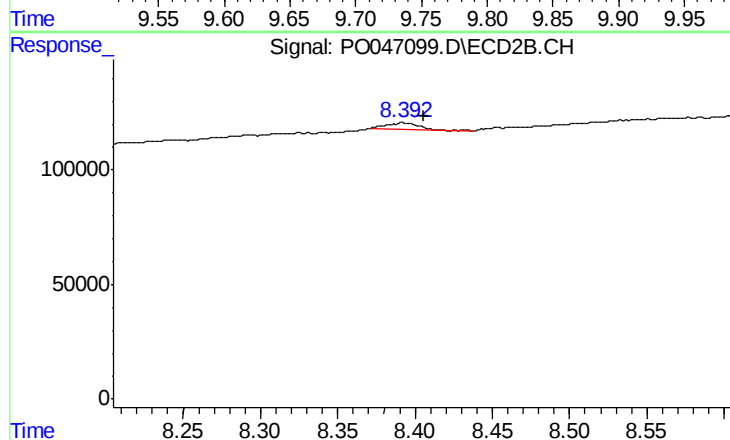
R.T.: 7.611 min
Delta R.T.: -0.011 min
Response: 90654
Conc: 7.22 ng/ml



#45 AR-1268-5

R.T.: 9.759 min
Delta R.T.: 0.002 min
Response: 28615
Conc: 0.78 ng/ml

Instrument :
ECD_O
ClientSampleId :
1525



#45 AR-1268-5

R.T.: 8.393 min
Delta R.T.: -0.012 min
Response: 39707
Conc: 1.32 ng/ml