

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO120921\
 Data File : PO083515.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 09 Dec 2021 15:03
 Operator : AJ\MA
 Sample : M4966-29MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 10 01:22:03 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO120621.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Dec 07 13:18:47 2021
 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...	4.940	3.945	2036926	648504	21.350	20.848
2)	SA Decachlor...	11.019	9.246	1440778	607666	20.168	18.627
Target Compounds							
3)	L1 AR-1016-1	6.273	5.200	1453681	601318	458.431	449.388
4)	L1 AR-1016-2	6.297	5.221	2022803	823764	454.073	450.054
5)	L1 AR-1016-3	6.363	5.411	1204297	451023	444.964	453.812
6)	L1 AR-1016-4	6.472	5.464	1016904	376753	456.234	450.745
7)	L1 AR-1016-5	6.788	5.692	975060	466357	435.738	462.093
8)	L2 AR-1221-1	5.194	4.201	209841	55049	208.672	141.968 #
9)	L2 AR-1221-2	5.294	4.301	175602	79255	243.796	275.307
10)	L2 AR-1221-3	5.383	4.390	782773	307983	340.599	331.586
11)	L3 AR-1232-1	5.383	4.390	782773	307983	406.320	389.614
12)	L3 AR-1232-2	5.976	5.221	1096853	823764	1111.860	1060.102
13)	L3 AR-1232-3	6.297	5.411	2022803	451023	1122.665	1100.795
14)	L3 AR-1232-4	6.472	5.508	1016904	439309	1139.164	1237.663
15)	L3 AR-1232-5	6.570	5.692	807514	466357	1291.924	1243.306
16)	L4 AR-1242-1	6.273	5.200	1453681	601318	649.287	627.340
17)	L4 AR-1242-2	6.297	5.221	2022803	823764	642.814	630.954
18)	L4 AR-1242-3	6.363	5.411	1204297	451023	626.441	635.862
19)	L4 AR-1242-4	6.472	5.508	1016904	439309	632.950	683.836
20)	L4 AR-1242-5	7.260	6.072	127393	389335	73.058	413.438 #
21)	L5 AR-1248-1	6.273	5.200	1453681	601318	839.927	825.337
22)	L5 AR-1248-2	6.570	5.464	807514	376753	346.230	365.369
23)	L5 AR-1248-3	6.788	5.508	975060	439309	358.481	457.992 #
24)	L5 AR-1248-4	7.221	5.692	145758	466357	48.209	405.207 #
25)	L5 AR-1248-5	7.260	6.115	127393	58583	44.534	45.035
26)	L6 AR-1254-1	7.189	6.072	721177	389335	225.684	196.799
27)	L6 AR-1254-2	7.419	6.233	777114	365549	168.570	210.739 #
28)	L6 AR-1254-3	7.804	6.672f	397044	644025	79.593	248.235 #
29)	L6 AR-1254-4	8.101	6.894	237881	77703	66.734	41.121 #
30)	L6 AR-1254-5	8.533	7.323	2307335	1213500	643.312	497.106
31)	L7 AR-1260-1	7.972	6.790	1654964	877291	479.672	453.713
32)	L7 AR-1260-2	8.239	6.990	1946747	1118568	466.409	457.691
33)	L7 AR-1260-3	8.606	7.143	1231704	975532	392.882	425.841
34)	L7 AR-1260-4	8.839	7.627	1493703	713412	426.607	392.388
35)	L7 AR-1260-5	9.170	7.876	2913761	1846495	419.573	393.017
36)	L8 AR-1262-1	8.606	7.323	1231704	1213500	296.474	950.490 #
37)	L8 AR-1262-2	9.170	7.876	2913761	1846495	401.118	393.804
38)	L8 AR-1262-3	9.508f	8.163	1863920	380819	558.851	201.019 #
39)	L8 AR-1262-4	9.561f	8.225	1042671	1247417	535.847	370.813 #
40)	L8 AR-1262-5	10.259	8.726	685322	375952	249.462	241.506
41)	L9 AR-1268-1	9.508f	8.163	1863920	380819	211.253	68.075 #

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 ALS Vial : 11 Sample Multiplier: 1

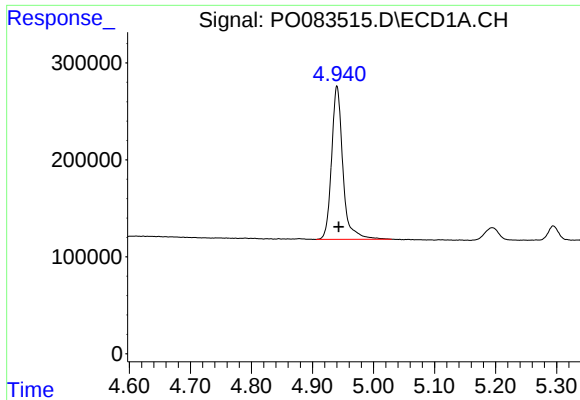
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 10 01:22:03 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO120621.M
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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	9.561f	8.225	1042671	1247417	126.213	255.516 #
43) L9	AR-1268-3	9.807	8.436	54101	24284	7.725	5.768 #
44) L9	AR-1268-4	10.259	8.726	685322	375952	233.096	217.988
45) L9	AR-1268-5	10.679	9.004	272965	112274	11.515	9.173

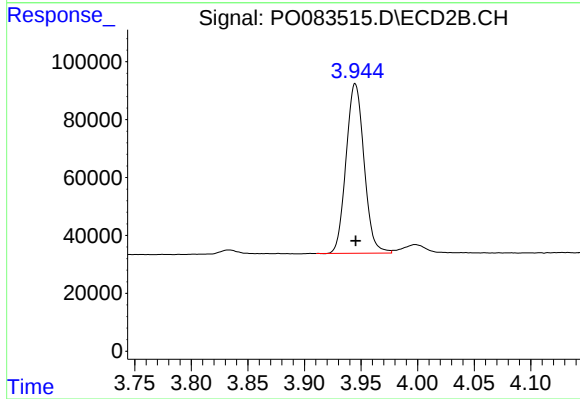
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

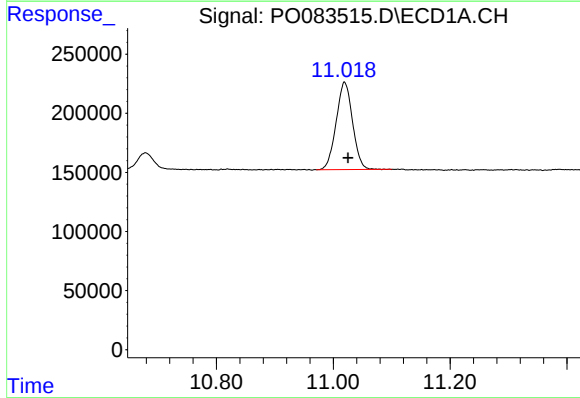
R.T.: 4.940 min
Delta R.T.: -0.003 min
Response: 2036926
Conc: 21.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



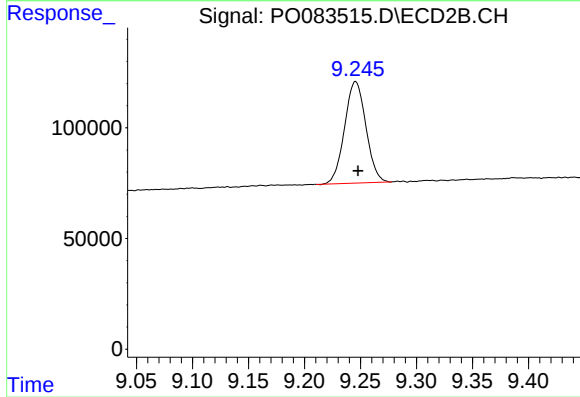
#1 Tetrachloro-m-xylene

R.T.: 3.945 min
Delta R.T.: 0.000 min
Response: 648504
Conc: 20.85 ng/ml



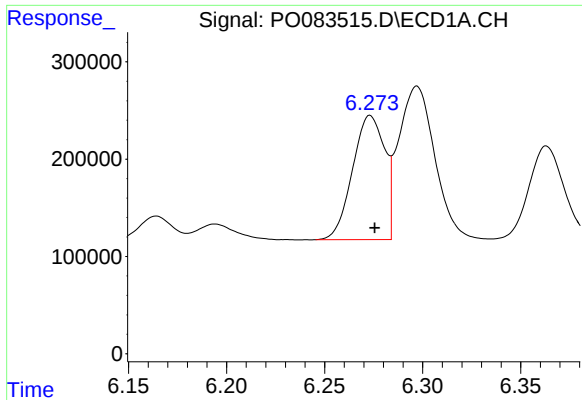
#2 Decachlorobiphenyl

R.T.: 11.019 min
Delta R.T.: -0.006 min
Response: 1440778
Conc: 20.17 ng/ml



#2 Decachlorobiphenyl

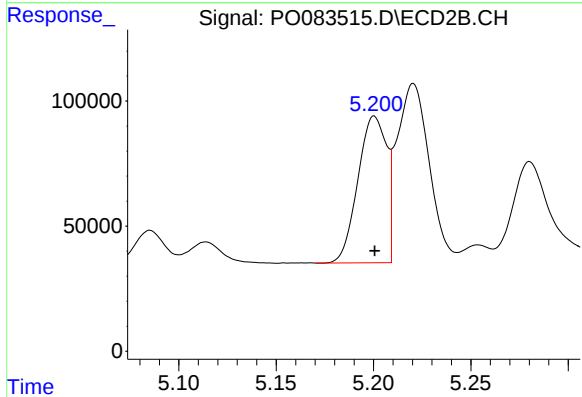
R.T.: 9.246 min
Delta R.T.: -0.002 min
Response: 607666
Conc: 18.63 ng/ml



#3 AR-1016-1

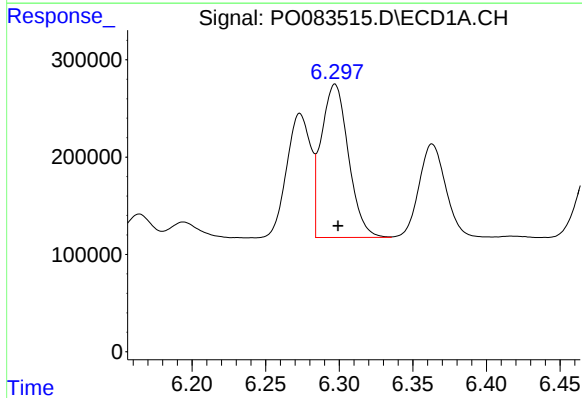
R.T.: 6.273 min
Delta R.T.: -0.002 min
Response: 1453681
Conc: 458.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



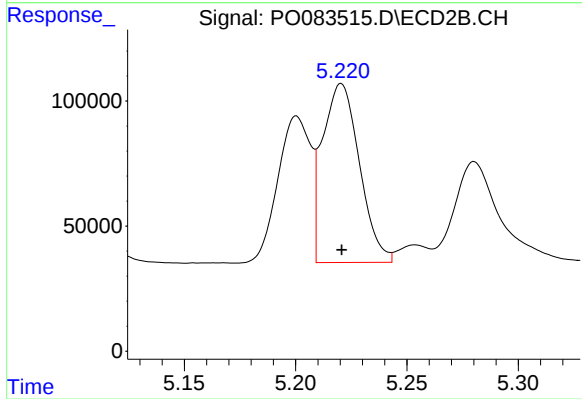
#3 AR-1016-1

R.T.: 5.200 min
Delta R.T.: 0.000 min
Response: 601318
Conc: 449.39 ng/ml



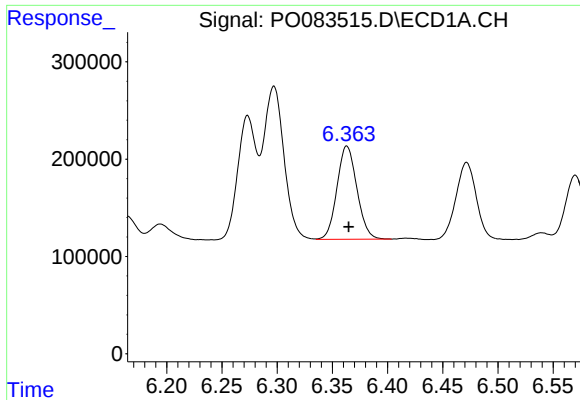
#4 AR-1016-2

R.T.: 6.297 min
Delta R.T.: -0.002 min
Response: 2022803
Conc: 454.07 ng/ml



#4 AR-1016-2

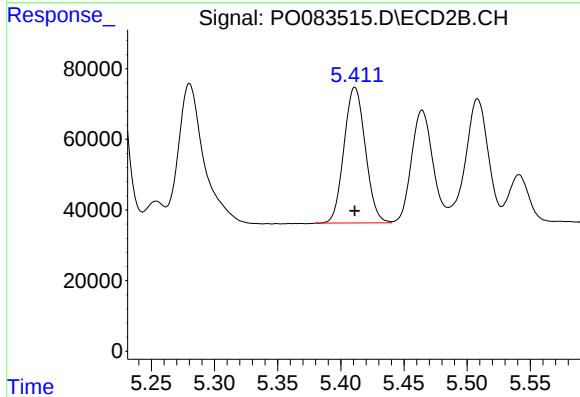
R.T.: 5.221 min
Delta R.T.: 0.000 min
Response: 823764
Conc: 450.05 ng/ml



#5 AR-1016-3

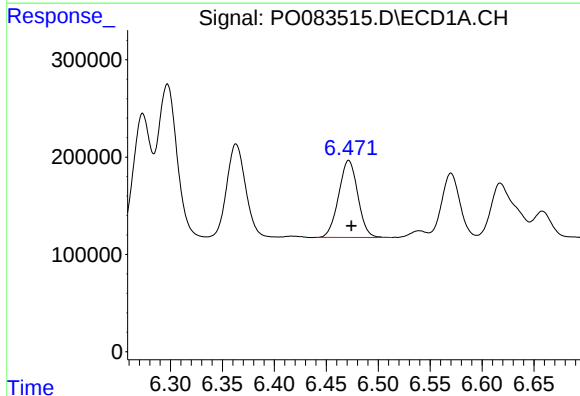
R.T.: 6.363 min
Delta R.T.: -0.002 min
Response: 1204297
Conc: 444.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



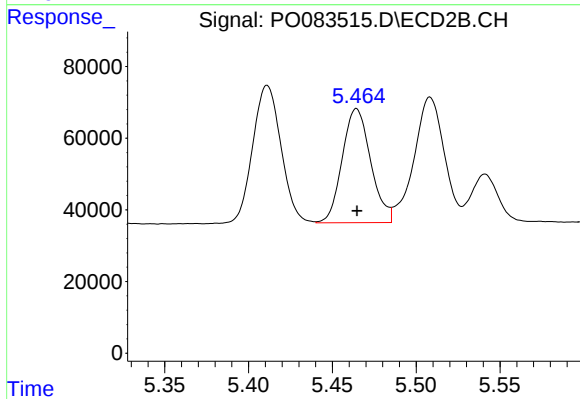
#5 AR-1016-3

R.T.: 5.411 min
Delta R.T.: 0.000 min
Response: 451023
Conc: 453.81 ng/ml



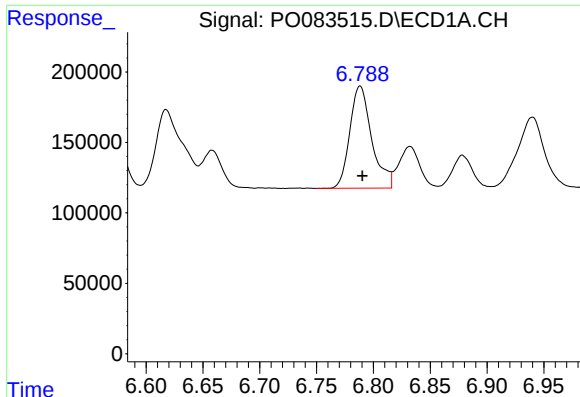
#6 AR-1016-4

R.T.: 6.472 min
Delta R.T.: -0.003 min
Response: 1016904
Conc: 456.23 ng/ml



#6 AR-1016-4

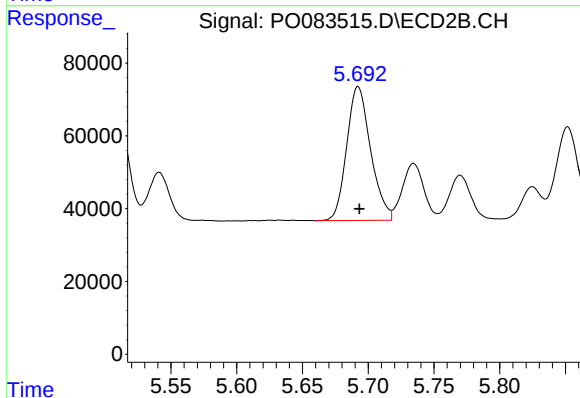
R.T.: 5.464 min
Delta R.T.: 0.000 min
Response: 376753
Conc: 450.75 ng/ml



#7 AR-1016-5

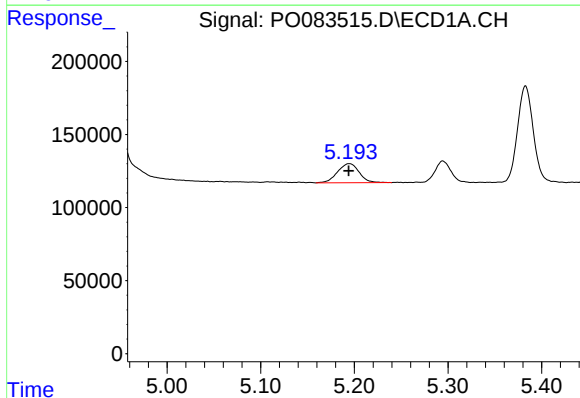
R.T.: 6.788 min
Delta R.T.: -0.002 min
Response: 975060
Conc: 435.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



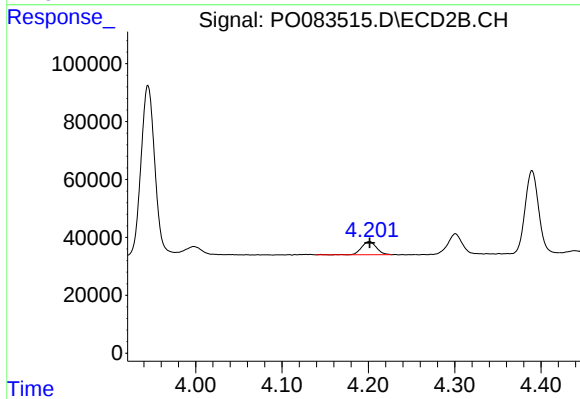
#7 AR-1016-5

R.T.: 5.692 min
Delta R.T.: 0.000 min
Response: 466357
Conc: 462.09 ng/ml



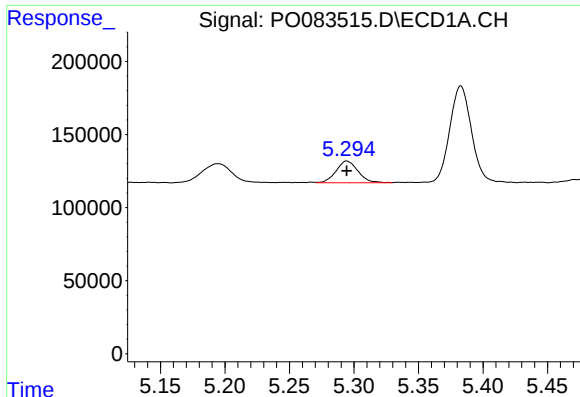
#8 AR-1221-1

R.T.: 5.194 min
Delta R.T.: 0.000 min
Response: 209841
Conc: 208.67 ng/ml



#8 AR-1221-1

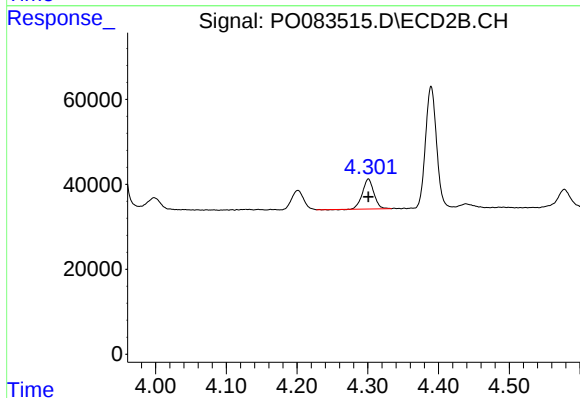
R.T.: 4.201 min
Delta R.T.: 0.000 min
Response: 55049
Conc: 141.97 ng/ml



#9 AR-1221-2

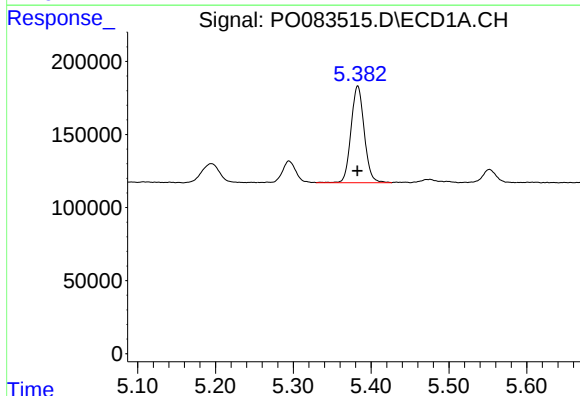
R.T.: 5.294 min
Delta R.T.: 0.000 min
Response: 175602
Conc: 243.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



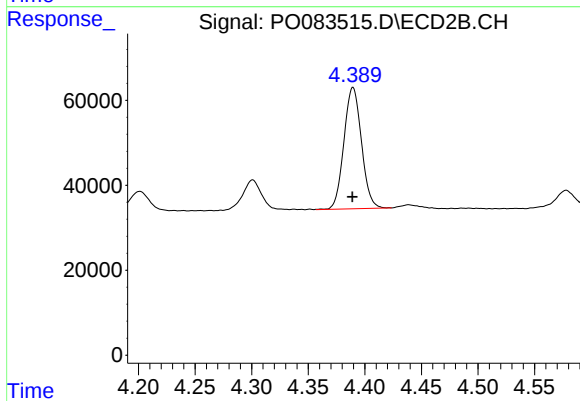
#9 AR-1221-2

R.T.: 4.301 min
Delta R.T.: 0.000 min
Response: 79255
Conc: 275.31 ng/ml



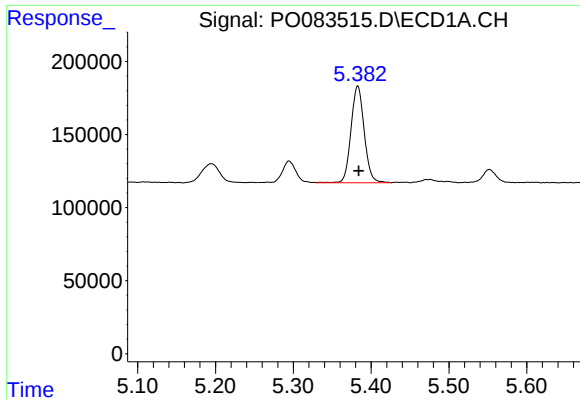
#10 AR-1221-3

R.T.: 5.383 min
Delta R.T.: 0.000 min
Response: 782773
Conc: 340.60 ng/ml



#10 AR-1221-3

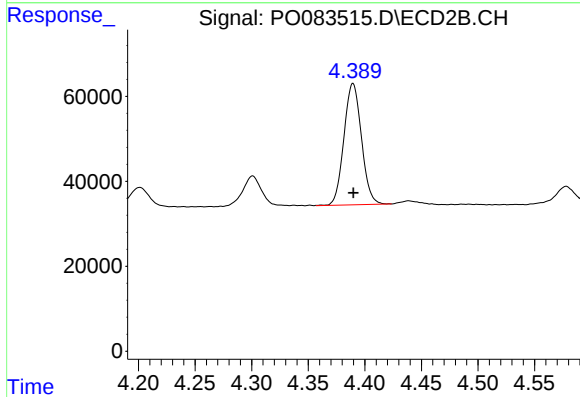
R.T.: 4.390 min
Delta R.T.: 0.000 min
Response: 307983
Conc: 331.59 ng/ml



#11 AR-1232-1

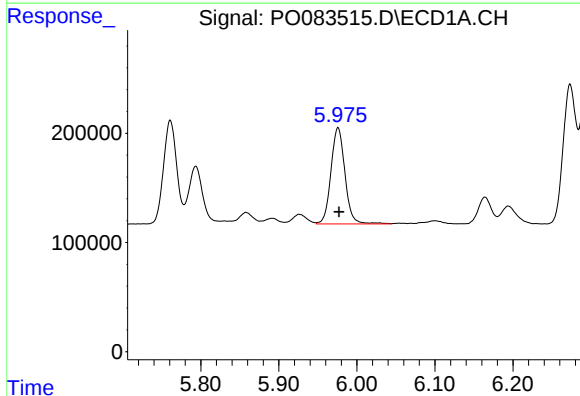
R.T.: 5.383 min
Delta R.T.: -0.001 min
Response: 782773
Conc: 406.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



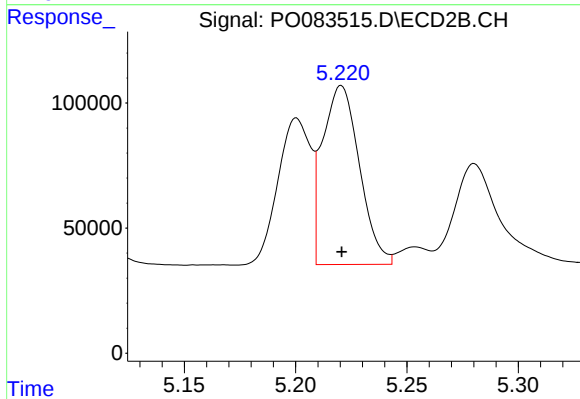
#11 AR-1232-1

R.T.: 4.390 min
Delta R.T.: 0.000 min
Response: 307983
Conc: 389.61 ng/ml



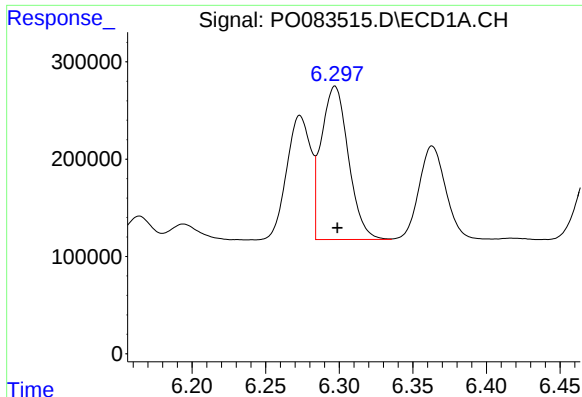
#12 AR-1232-2

R.T.: 5.976 min
Delta R.T.: -0.002 min
Response: 1096853
Conc: 1111.86 ng/ml



#12 AR-1232-2

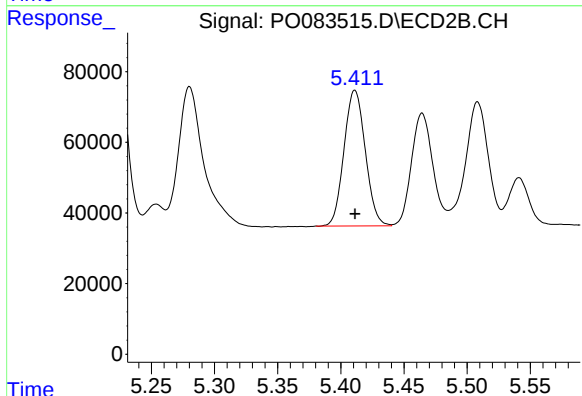
R.T.: 5.221 min
Delta R.T.: 0.000 min
Response: 823764
Conc: 1060.10 ng/ml



#13 AR-1232-3

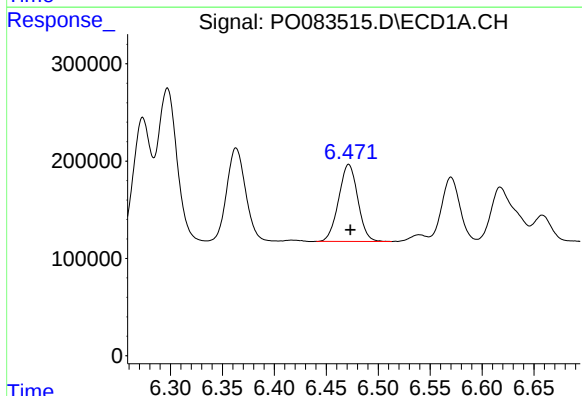
R.T.: 6.297 min
Delta R.T.: -0.002 min
Response: 2022803
Conc: 1122.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



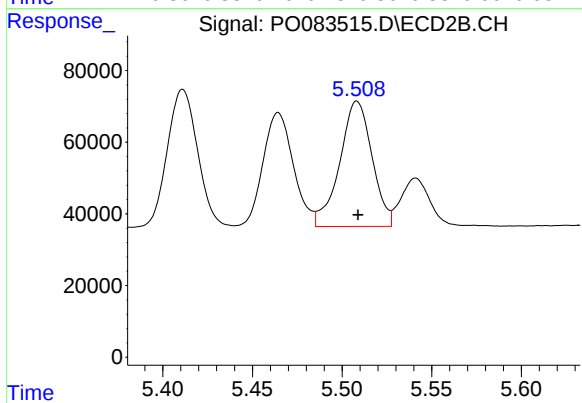
#13 AR-1232-3

R.T.: 5.411 min
Delta R.T.: 0.000 min
Response: 451023
Conc: 1100.79 ng/ml



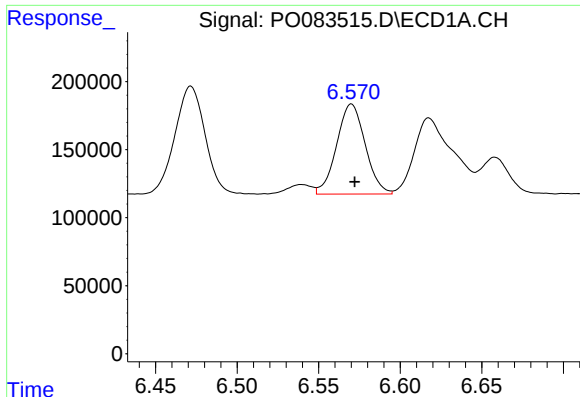
#14 AR-1232-4

R.T.: 6.472 min
Delta R.T.: -0.002 min
Response: 1016904
Conc: 1139.16 ng/ml



#14 AR-1232-4

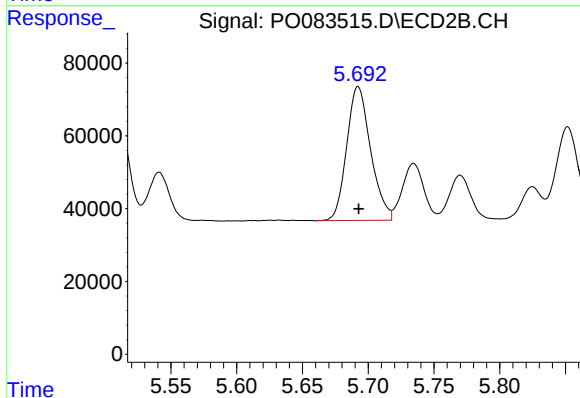
R.T.: 5.508 min
Delta R.T.: 0.000 min
Response: 439309
Conc: 1237.66 ng/ml



#15 AR-1232-5

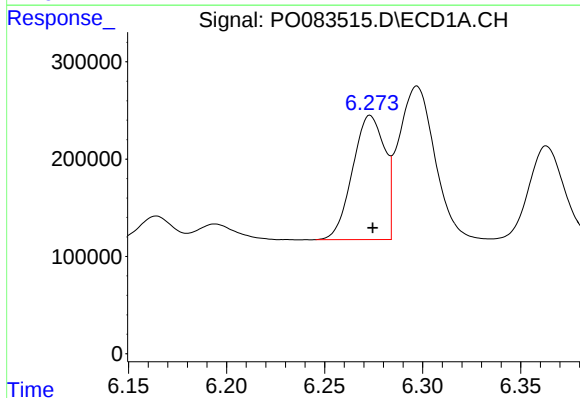
R.T.: 6.570 min
Delta R.T.: -0.002 min
Response: 807514
Conc: 1291.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



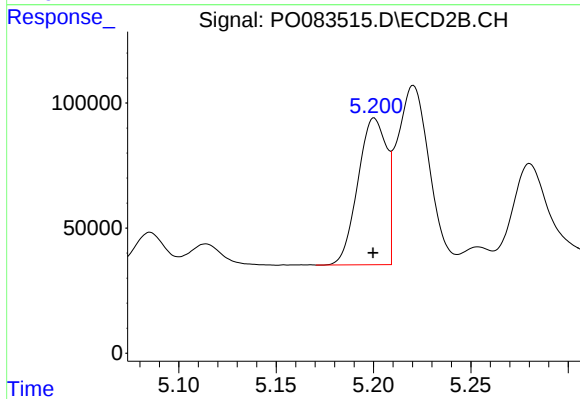
#15 AR-1232-5

R.T.: 5.692 min
Delta R.T.: 0.000 min
Response: 466357
Conc: 1243.31 ng/ml



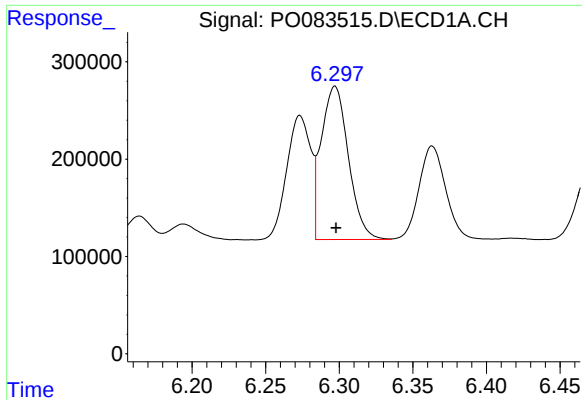
#16 AR-1242-1

R.T.: 6.273 min
Delta R.T.: -0.001 min
Response: 1453681
Conc: 649.29 ng/ml



#16 AR-1242-1

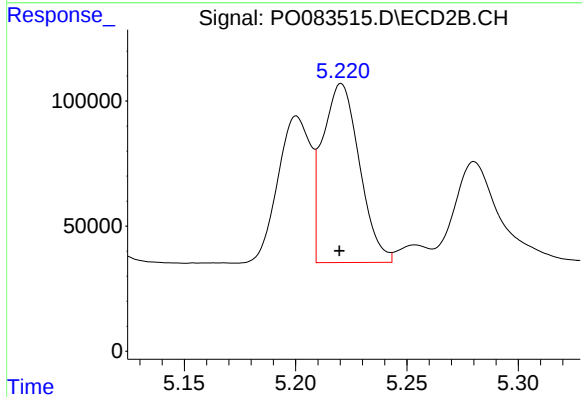
R.T.: 5.200 min
Delta R.T.: 0.000 min
Response: 601318
Conc: 627.34 ng/ml



#17 AR-1242-2

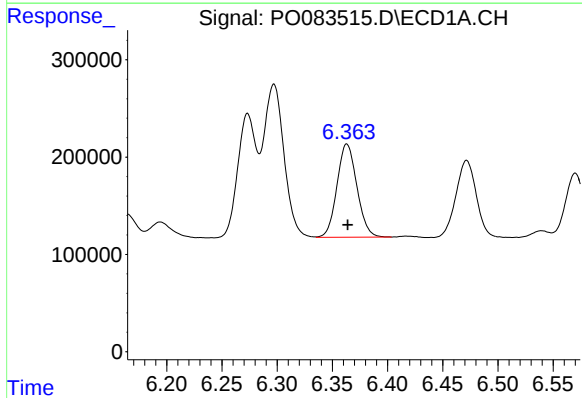
R.T.: 6.297 min
Delta R.T.: 0.000 min
Response: 2022803
Conc: 642.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



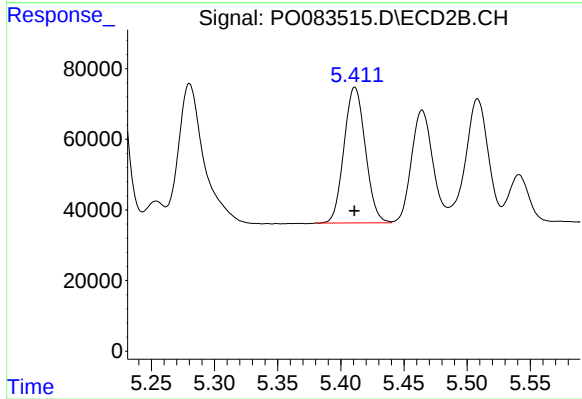
#17 AR-1242-2

R.T.: 5.221 min
Delta R.T.: 0.000 min
Response: 823764
Conc: 630.95 ng/ml



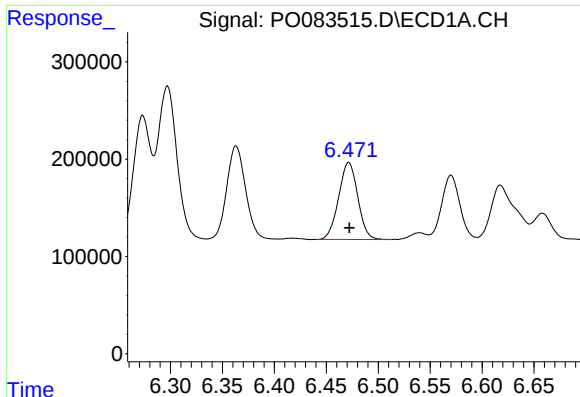
#18 AR-1242-3

R.T.: 6.363 min
Delta R.T.: 0.000 min
Response: 1204297
Conc: 626.44 ng/ml



#18 AR-1242-3

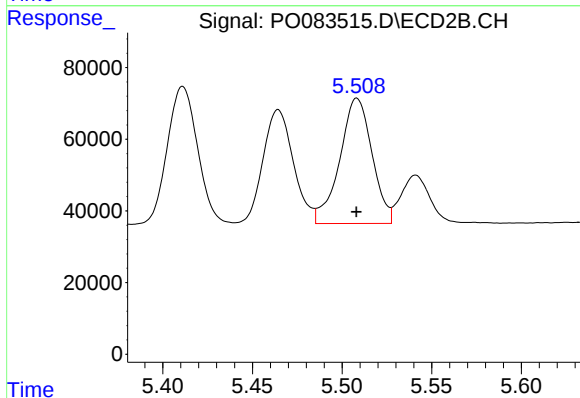
R.T.: 5.411 min
Delta R.T.: 0.000 min
Response: 451023
Conc: 635.86 ng/ml



#19 AR-1242-4

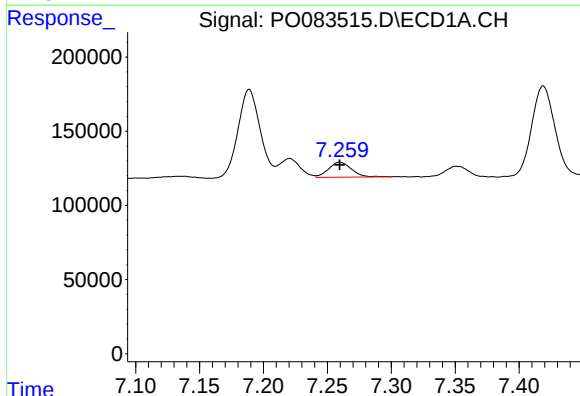
R.T.: 6.472 min
Delta R.T.: 0.000 min
Response: 1016904
Conc: 632.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



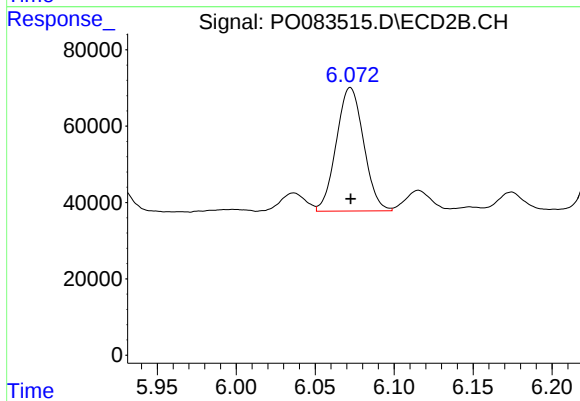
#19 AR-1242-4

R.T.: 5.508 min
Delta R.T.: 0.000 min
Response: 439309
Conc: 683.84 ng/ml



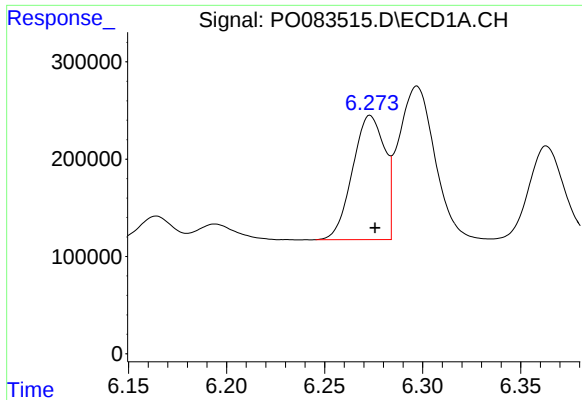
#20 AR-1242-5

R.T.: 7.260 min
Delta R.T.: 0.000 min
Response: 127393
Conc: 73.06 ng/ml



#20 AR-1242-5

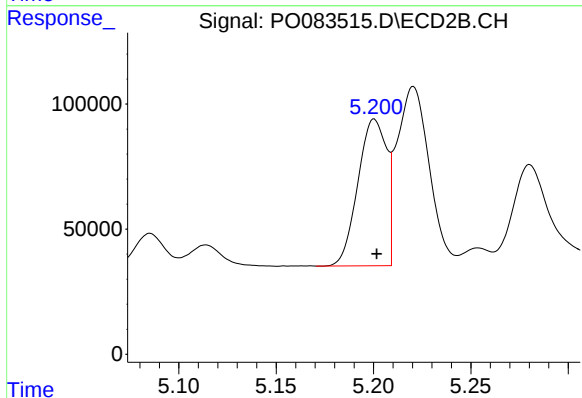
R.T.: 6.072 min
Delta R.T.: 0.000 min
Response: 389335
Conc: 413.44 ng/ml



#21 AR-1248-1

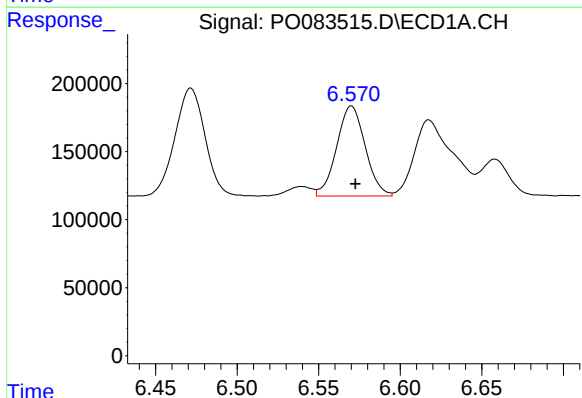
R.T.: 6.273 min
Delta R.T.: -0.003 min
Response: 1453681
Conc: 839.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



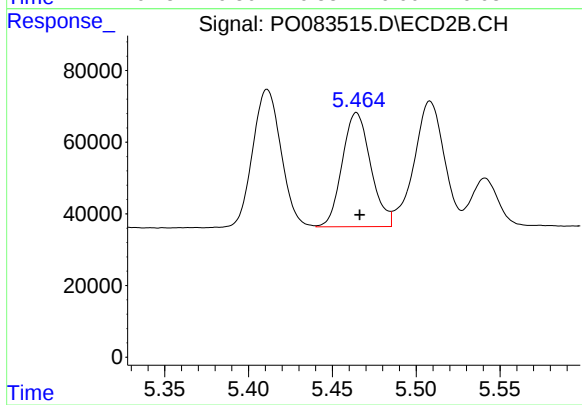
#21 AR-1248-1

R.T.: 5.200 min
Delta R.T.: -0.001 min
Response: 601318
Conc: 825.34 ng/ml



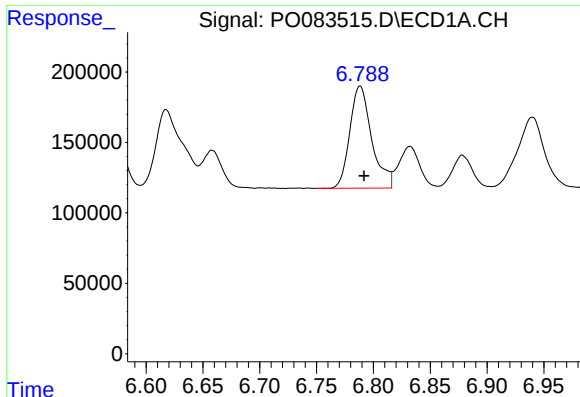
#22 AR-1248-2

R.T.: 6.570 min
Delta R.T.: -0.003 min
Response: 807514
Conc: 346.23 ng/ml



#22 AR-1248-2

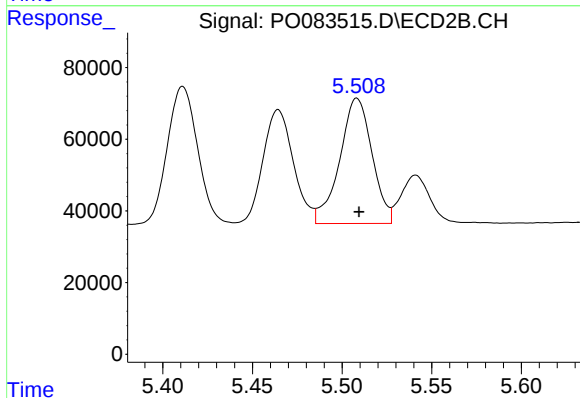
R.T.: 5.464 min
Delta R.T.: -0.002 min
Response: 376753
Conc: 365.37 ng/ml



#23 AR-1248-3

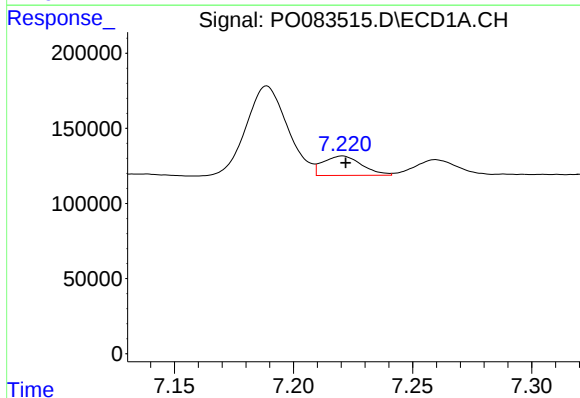
R.T.: 6.788 min
Delta R.T.: -0.003 min
Response: 975060
Conc: 358.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



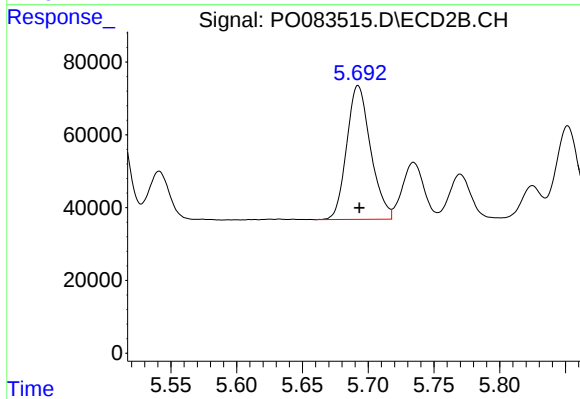
#23 AR-1248-3

R.T.: 5.508 min
Delta R.T.: -0.001 min
Response: 439309
Conc: 457.99 ng/ml



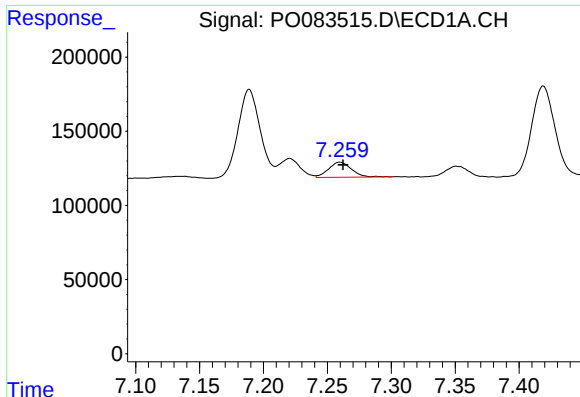
#24 AR-1248-4

R.T.: 7.221 min
Delta R.T.: -0.001 min
Response: 145758
Conc: 48.21 ng/ml



#24 AR-1248-4

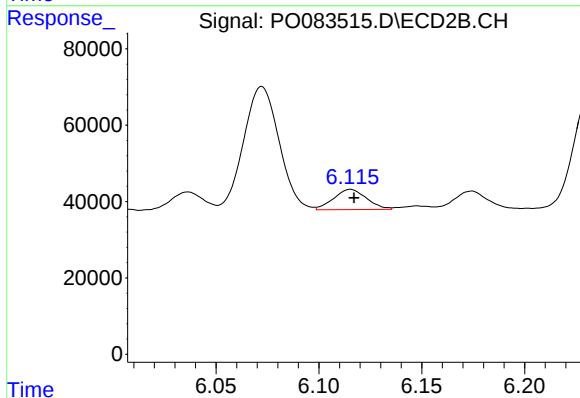
R.T.: 5.692 min
Delta R.T.: 0.000 min
Response: 466357
Conc: 405.21 ng/ml



#25 AR-1248-5

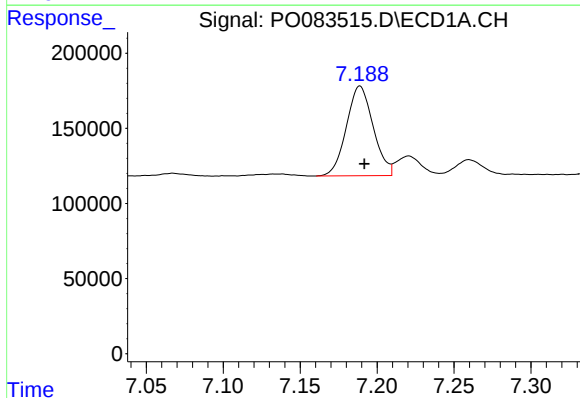
R.T.: 7.260 min
Delta R.T.: -0.003 min
Response: 127393
Conc: 44.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



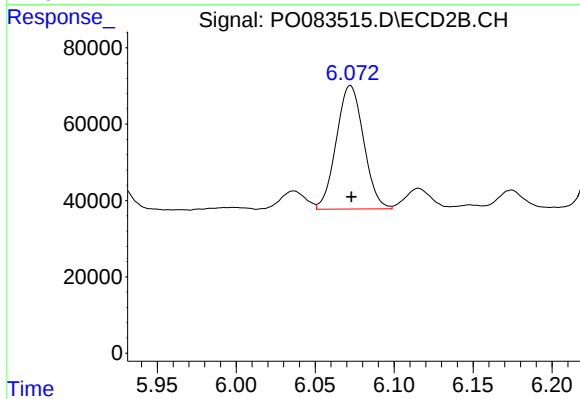
#25 AR-1248-5

R.T.: 6.115 min
Delta R.T.: -0.002 min
Response: 58583
Conc: 45.04 ng/ml



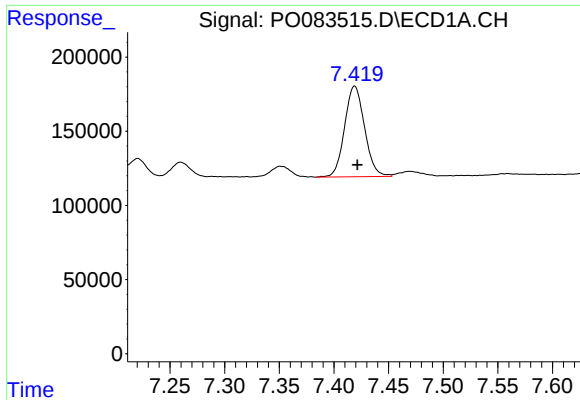
#26 AR-1254-1

R.T.: 7.189 min
Delta R.T.: -0.003 min
Response: 721177
Conc: 225.68 ng/ml



#26 AR-1254-1

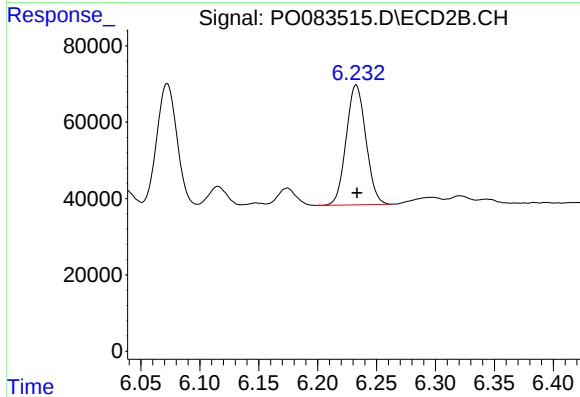
R.T.: 6.072 min
Delta R.T.: 0.000 min
Response: 389335
Conc: 196.80 ng/ml



#27 AR-1254-2

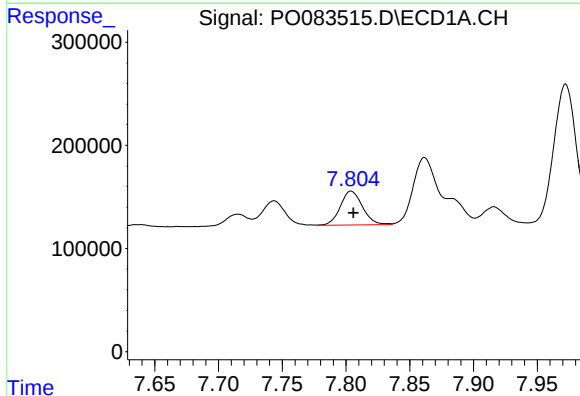
R.T.: 7.419 min
Delta R.T.: -0.002 min
Response: 777114
Conc: 168.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



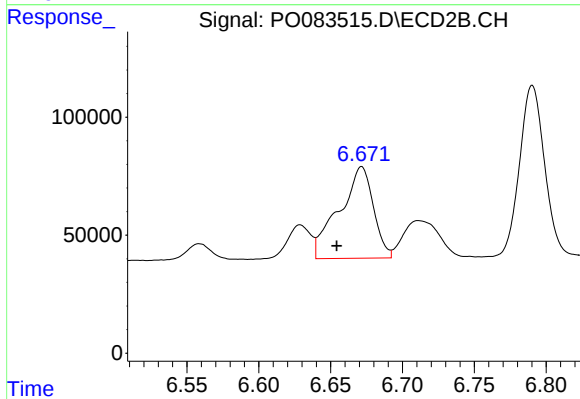
#27 AR-1254-2

R.T.: 6.233 min
Delta R.T.: 0.000 min
Response: 365549
Conc: 210.74 ng/ml



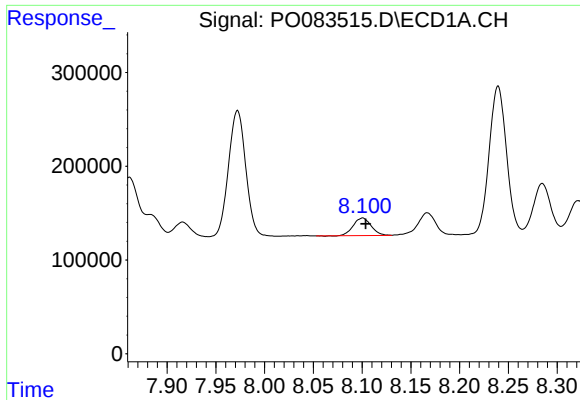
#28 AR-1254-3

R.T.: 7.804 min
Delta R.T.: -0.002 min
Response: 397044
Conc: 79.59 ng/ml



#28 AR-1254-3

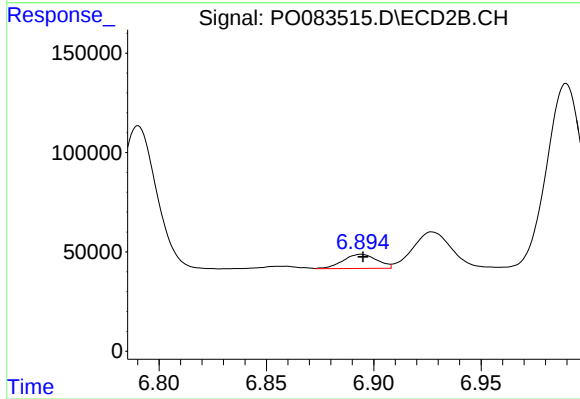
R.T.: 6.672 min
Delta R.T.: 0.017 min
Response: 644025
Conc: 248.23 ng/ml



#29 AR-1254-4

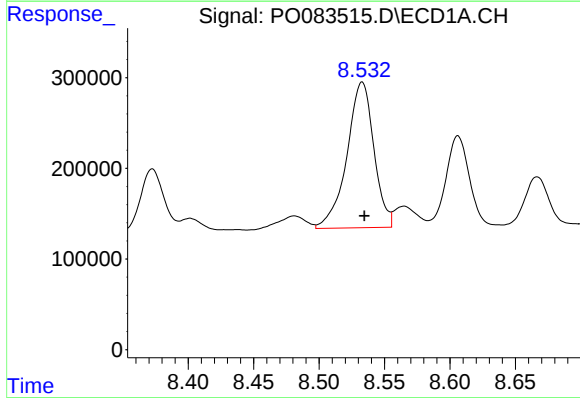
R.T.: 8.101 min
Delta R.T.: -0.003 min
Response: 237881
Conc: 66.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



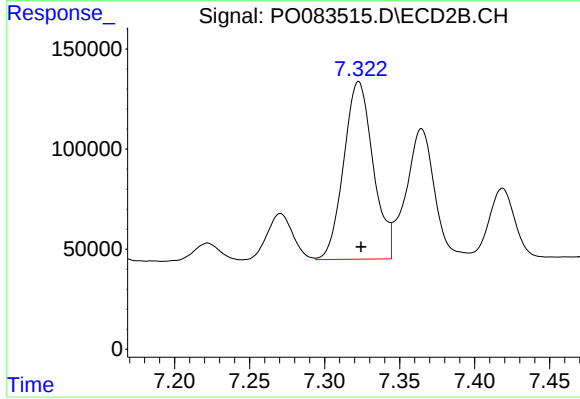
#29 AR-1254-4

R.T.: 6.894 min
Delta R.T.: 0.000 min
Response: 77703
Conc: 41.12 ng/ml



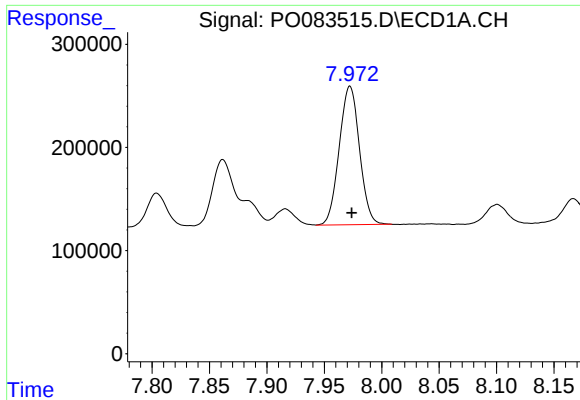
#30 AR-1254-5

R.T.: 8.533 min
Delta R.T.: -0.002 min
Response: 2307335
Conc: 643.31 ng/ml



#30 AR-1254-5

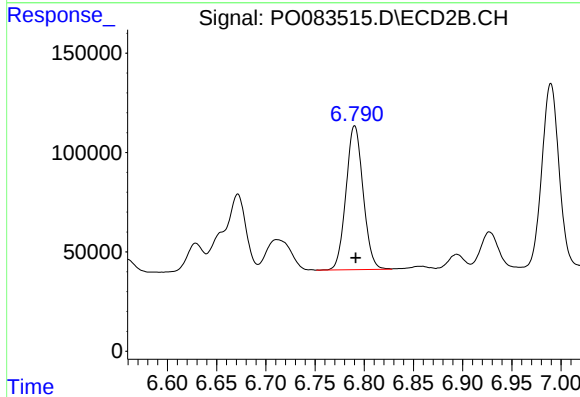
R.T.: 7.323 min
Delta R.T.: -0.001 min
Response: 1213500
Conc: 497.11 ng/ml



#31 AR-1260-1

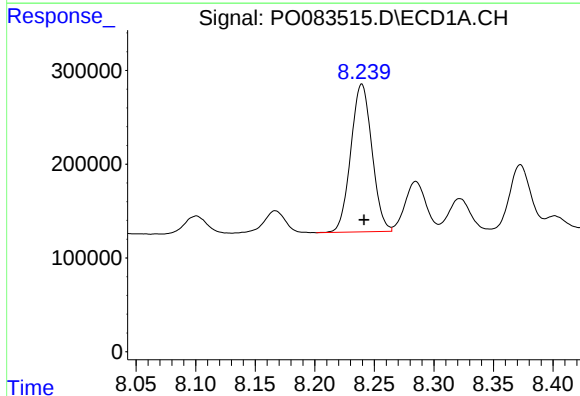
R.T.: 7.972 min
Delta R.T.: -0.002 min
Response: 1654964
Conc: 479.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



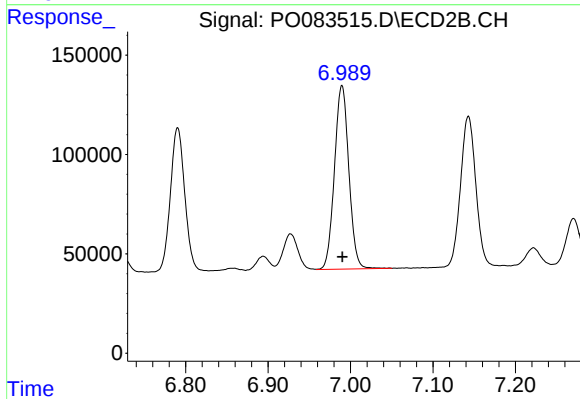
#31 AR-1260-1

R.T.: 6.790 min
Delta R.T.: -0.001 min
Response: 877291
Conc: 453.71 ng/ml



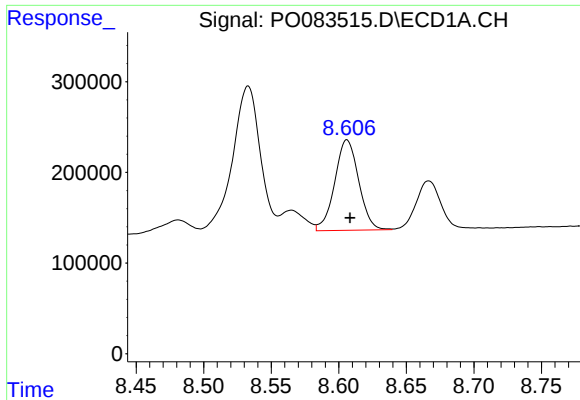
#32 AR-1260-2

R.T.: 8.239 min
Delta R.T.: -0.002 min
Response: 1946747
Conc: 466.41 ng/ml



#32 AR-1260-2

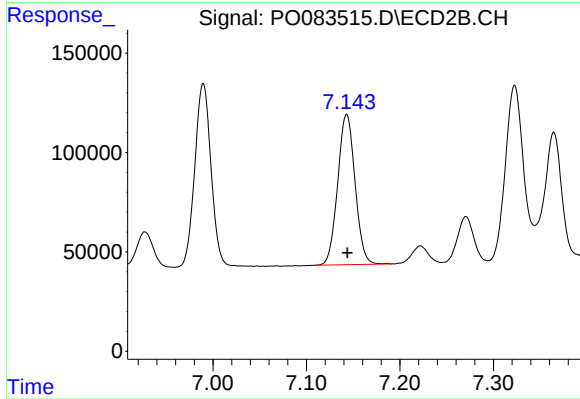
R.T.: 6.990 min
Delta R.T.: 0.000 min
Response: 1118568
Conc: 457.69 ng/ml



#33 AR-1260-3

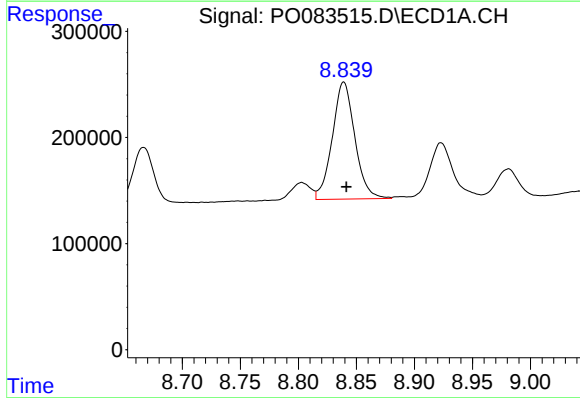
R.T.: 8.606 min
Delta R.T.: -0.002 min
Response: 1231704
Conc: 392.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



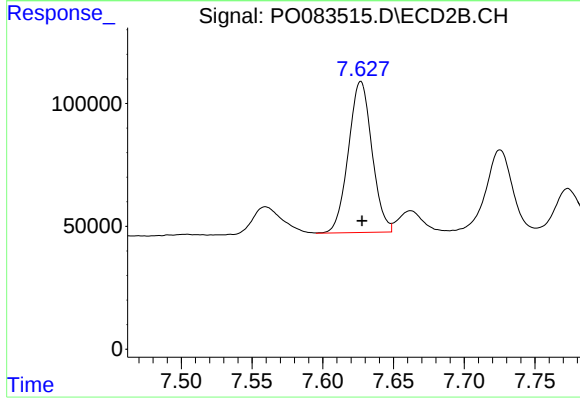
#33 AR-1260-3

R.T.: 7.143 min
Delta R.T.: 0.000 min
Response: 975532
Conc: 425.84 ng/ml



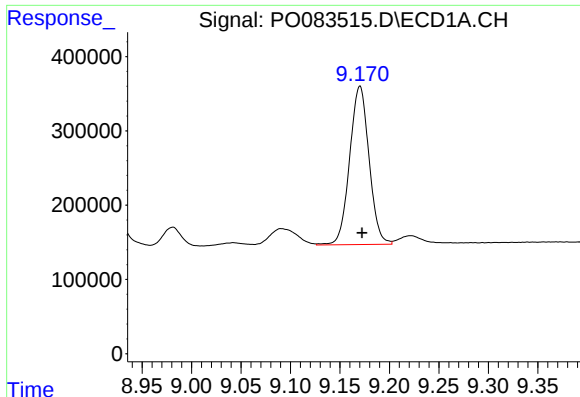
#34 AR-1260-4

R.T.: 8.839 min
Delta R.T.: -0.002 min
Response: 1493703
Conc: 426.61 ng/ml



#34 AR-1260-4

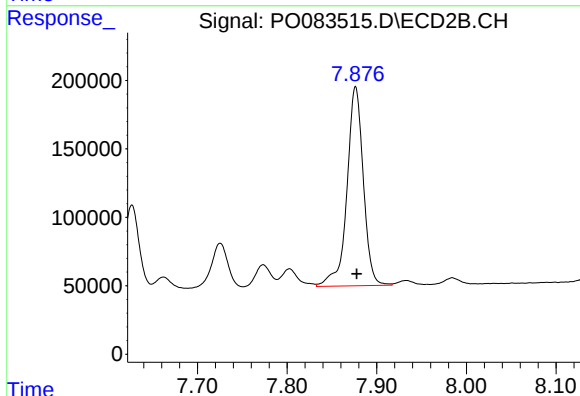
R.T.: 7.627 min
Delta R.T.: -0.001 min
Response: 713412
Conc: 392.39 ng/ml



#35 AR-1260-5

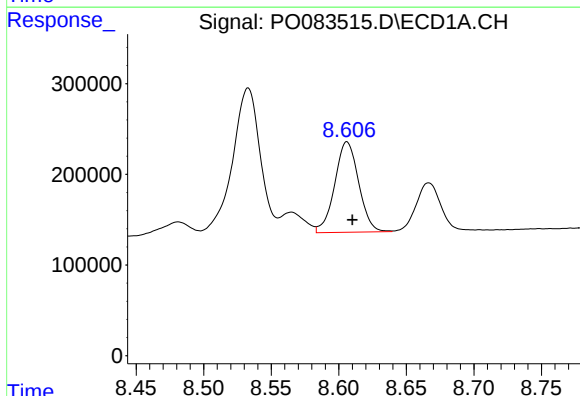
R.T.: 9.170 min
Delta R.T.: -0.002 min
Response: 2913761
Conc: 419.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



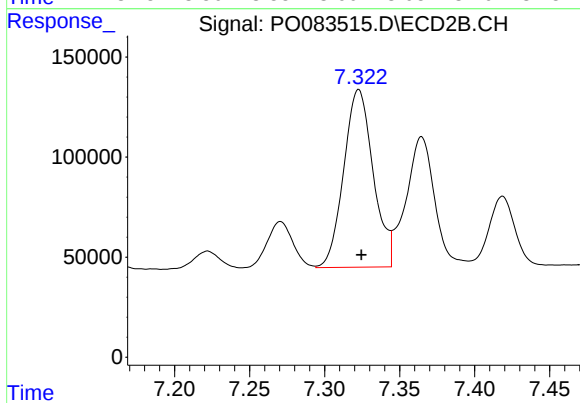
#35 AR-1260-5

R.T.: 7.876 min
Delta R.T.: -0.001 min
Response: 1846495
Conc: 393.02 ng/ml



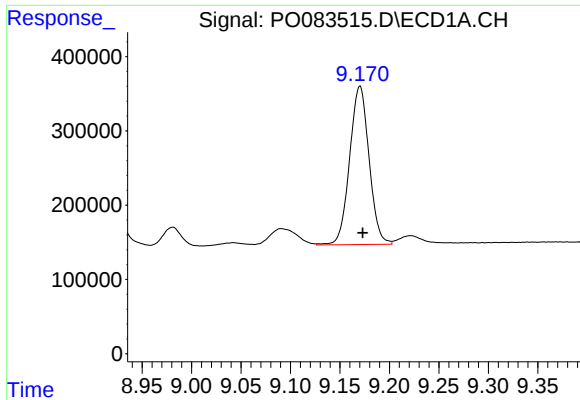
#36 AR-1262-1

R.T.: 8.606 min
Delta R.T.: -0.004 min
Response: 1231704
Conc: 296.47 ng/ml



#36 AR-1262-1

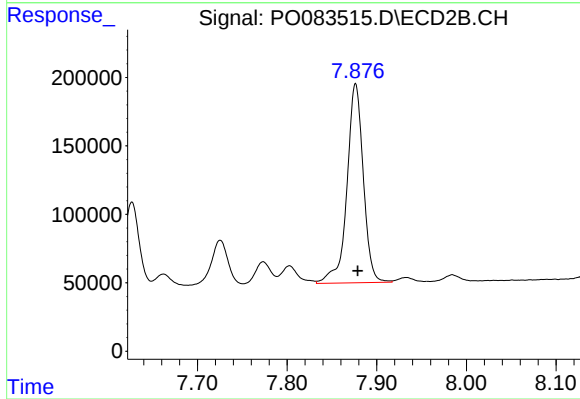
R.T.: 7.323 min
Delta R.T.: -0.002 min
Response: 1213500
Conc: 950.49 ng/ml



#37 AR-1262-2

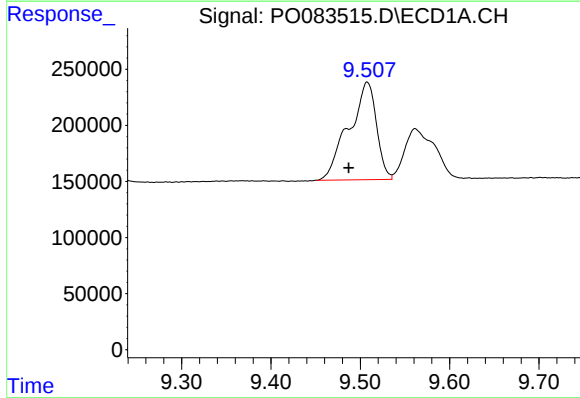
R.T.: 9.170 min
Delta R.T.: -0.003 min
Response: 2913761
Conc: 401.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



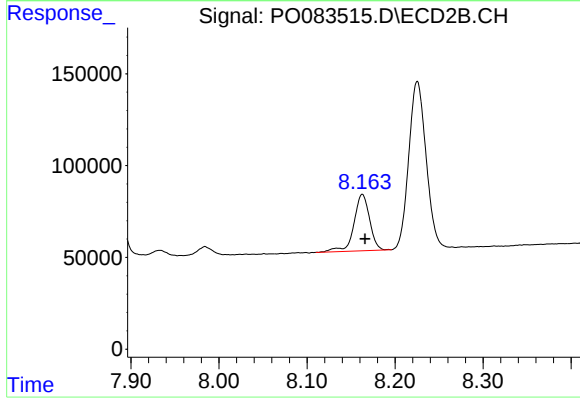
#37 AR-1262-2

R.T.: 7.876 min
Delta R.T.: -0.003 min
Response: 1846495
Conc: 393.80 ng/ml



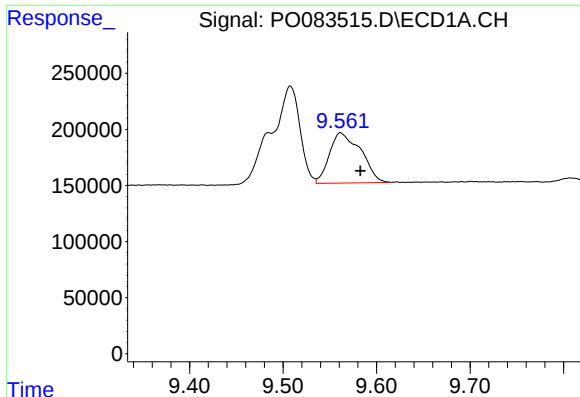
#38 AR-1262-3

R.T.: 9.508 min
Delta R.T.: 0.021 min
Response: 1863920
Conc: 558.85 ng/ml



#38 AR-1262-3

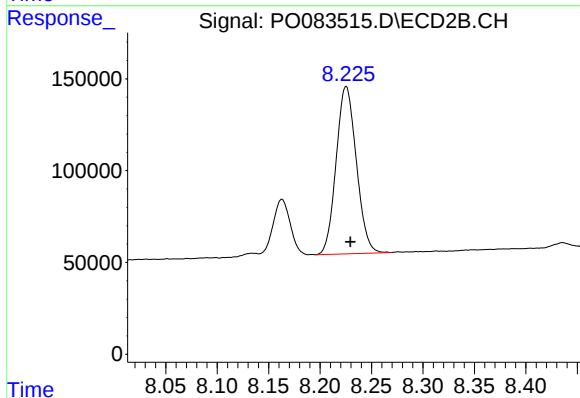
R.T.: 8.163 min
Delta R.T.: -0.003 min
Response: 380819
Conc: 201.02 ng/ml



#39 AR-1262-4

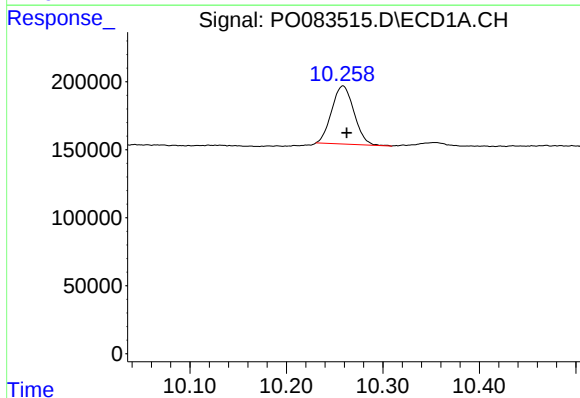
R.T.: 9.561 min
Delta R.T.: -0.021 min
Response: 1042671
Conc: 535.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



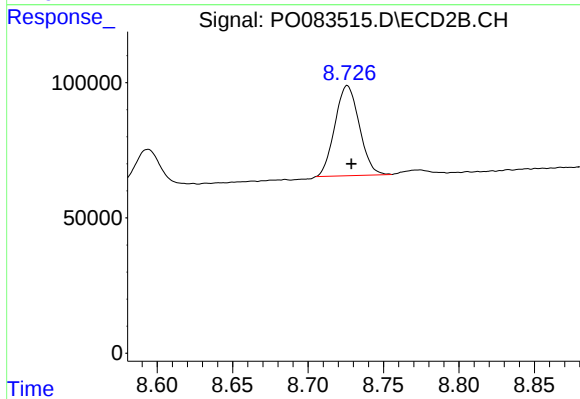
#39 AR-1262-4

R.T.: 8.225 min
Delta R.T.: -0.004 min
Response: 1247417
Conc: 370.81 ng/ml



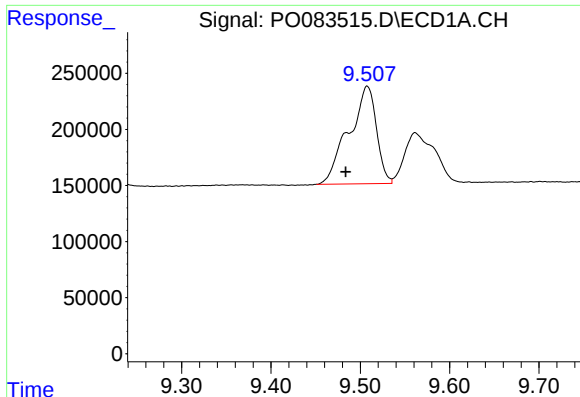
#40 AR-1262-5

R.T.: 10.259 min
Delta R.T.: -0.004 min
Response: 685322
Conc: 249.46 ng/ml



#40 AR-1262-5

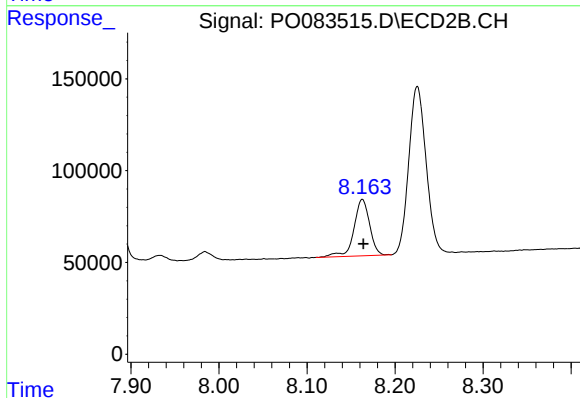
R.T.: 8.726 min
Delta R.T.: -0.003 min
Response: 375952
Conc: 241.51 ng/ml



#41 AR-1268-1

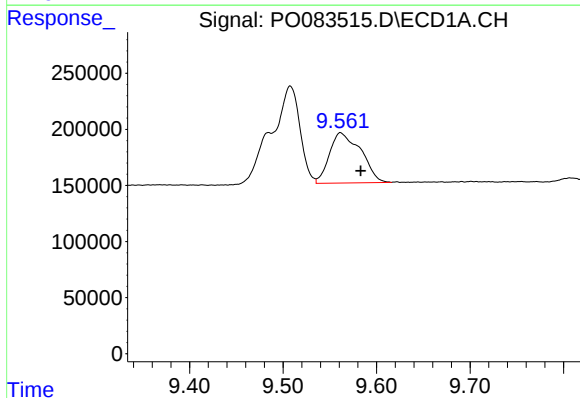
R.T.: 9.508 min
Delta R.T.: 0.024 min
Response: 1863920
Conc: 211.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



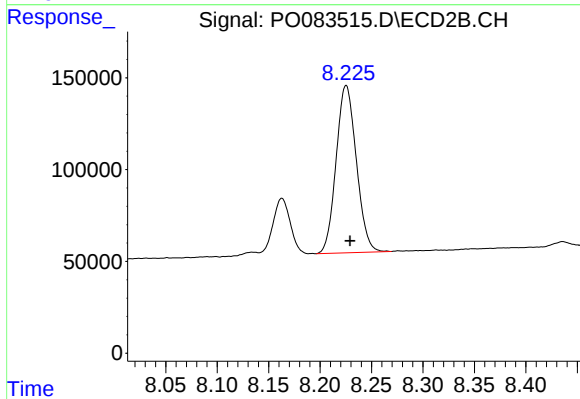
#41 AR-1268-1

R.T.: 8.163 min
Delta R.T.: -0.001 min
Response: 380819
Conc: 68.07 ng/ml



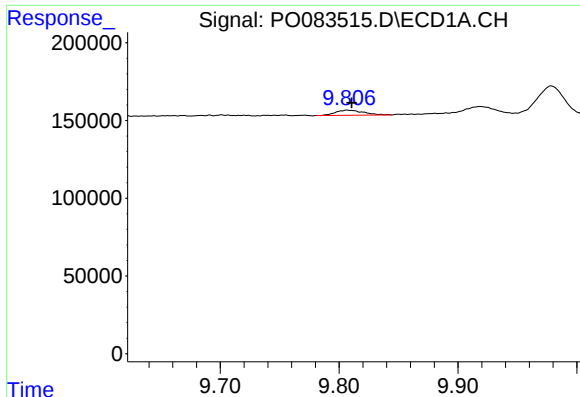
#42 AR-1268-2

R.T.: 9.561 min
Delta R.T.: -0.022 min
Response: 1042671
Conc: 126.21 ng/ml



#42 AR-1268-2

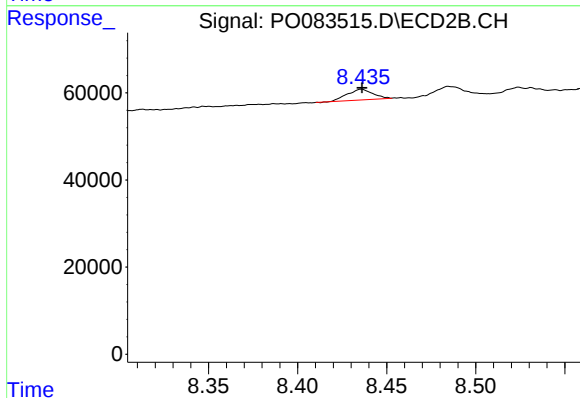
R.T.: 8.225 min
Delta R.T.: -0.004 min
Response: 1247417
Conc: 255.52 ng/ml



#43 AR-1268-3

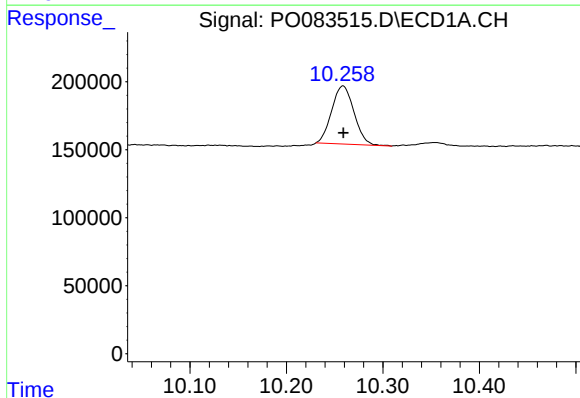
R.T.: 9.807 min
Delta R.T.: -0.003 min
Response: 54101
Conc: 7.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



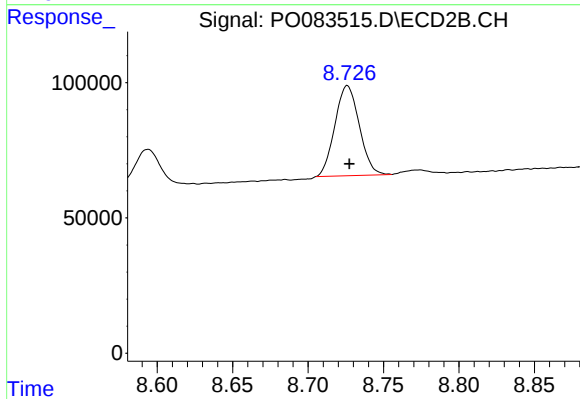
#43 AR-1268-3

R.T.: 8.436 min
Delta R.T.: 0.000 min
Response: 24284
Conc: 5.77 ng/ml



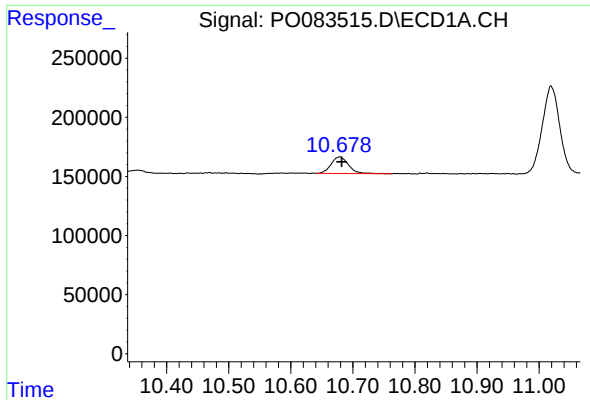
#44 AR-1268-4

R.T.: 10.259 min
Delta R.T.: 0.000 min
Response: 685322
Conc: 233.10 ng/ml



#44 AR-1268-4

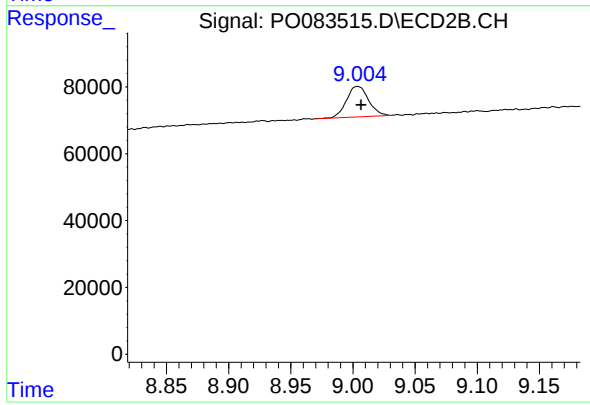
R.T.: 8.726 min
Delta R.T.: -0.001 min
Response: 375952
Conc: 217.99 ng/ml



#45 AR-1268-5

R.T.: 10.679 min
Delta R.T.: -0.003 min
Response: 272965
Conc: 11.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 9.004 min
Delta R.T.: -0.003 min
Response: 112274
Conc: 9.17 ng/ml