

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0091018\
 Data File : P0048906.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 10 Sep 2018 23:02
 Operator : SM/SJ
 Sample : J4836-03MS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 11 00:57:24 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0090418.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Sep 06 03:44:31 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...	4.400	3.530	3486107	6429992	28.893	41.137 #
2)	SA Decachlor...	0.000	8.465	0	2606567	N.D.	17.630 #
Target Compounds							
3)	L1 AR-1016-1	5.139	4.192	305632	1678655	94.128	387.350 #
4)	L1 AR-1016-2	5.303	4.598	1917128	2456529	557.430	381.497 #
5)	L1 AR-1016-3	5.593	4.617	2972989	3392274	588.805	401.751 #
6)	L1 AR-1016-4	5.729	4.672	50466	2066861	10.965	351.830 #
7)	L1 AR-1016-5	6.089	5.042	407545	1695030	105.007	327.870 #
8)	L2 AR-1221-1	4.696	3.740	159584	186509	102.778	87.123
9)	L2 AR-1221-2	4.696	3.824	159584	294573	133.443	181.730 #
10)	L2 AR-1221-3	0.000	3.899	0	1099660	N.D.	223.299 #
11)	L3 AR-1232-1	5.656	4.380	1733560	1729594	624.911	897.108 #
12)	L3 AR-1232-2	5.843	4.495	357502	516323	240.801	777.152 #
13)	L3 AR-1232-3	6.011	4.873	587454	1722196	1366.807	988.907 #
14)	L3 AR-1232-4	6.256	5.189	282319	1276642	712.648	690.375
15)	L3 AR-1232-5	7.173	5.760	1827429	212852	7774.375	849.540 #
16)	L4 AR-1242-1	5.197	4.212	197366	939853	132.433	478.873 #
17)	L4 AR-1242-2	5.927	4.790	393328	1947242	136.928	481.328 #
18)	L4 AR-1242-3	6.133	4.904	310133	618640	216.701	432.083 #
19)	L4 AR-1242-4	6.189	5.260	892264	444837	808.483	367.533 #
20)	L4 AR-1242-5	6.256	5.652	282319	3768460	74.269	1218.765 #
21)	L5 AR-1248-1	5.889	4.832	1019792	1339288	204.210	252.224
22)	L5 AR-1248-2	6.491	5.392	274629	2485173	52.476	258.788 #
23)	L5 AR-1248-3	6.491	5.430	274629	397853	40.345	58.459 #
24)	L5 AR-1248-4	6.579	5.608	348355	1853577	52.909	305.105 #
25)	L5 AR-1248-5	6.706	5.950	2535004	1898107	557.522	407.828 #
26)	L6 AR-1254-1	6.706	5.535	2535004	1487983	223.752	146.640 #
27)	L6 AR-1254-2	6.954	5.846	321015	287160	43.708	32.553 #
28)	L6 AR-1254-3	7.067	6.162	1104561	231973	86.733	21.046 #
29)	L6 AR-1254-4	7.360	6.481	579822	279565	59.805	34.419 #
30)	L6 AR-1254-5	7.647	6.575	1000703	3318093	129.478	218.930 #
31)	L7 AR-1260-1	7.173	6.064	1827429	2586212	221.806	248.430
32)	L7 AR-1260-2	7.474	6.250	991427	2999312	100.893	239.512 #
33)	L7 AR-1260-3	7.743	6.403	520279	2732950	43.603	230.350 #
34)	L7 AR-1260-4	8.094	6.871	1140018	1806665	132.823	190.958 #
35)	L7 AR-1260-5	8.384	7.110	183637	3944726	11.061	181.660 #
36)	L8 AR-1262-1	7.120	5.950	200215	1898107	41.005	344.826 #
37)	L8 AR-1262-2	7.846	6.667	1276842	1010045	293.865	186.519 #
38)	L8 AR-1262-3	8.149	6.968	594884	988538	122.450	165.718 #
39)	L8 AR-1262-4	0.000	7.393	0	728965	N.D.	82.121 #
40)	L8 AR-1262-5	0.000	7.946	0	790913	N.D.	104.566 #
41)	L9 AR-1268-1	7.846	6.614	1276842	1989979	298.948	364.646

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 Acq On : 10 Sep 2018 23:02
 Operator : SM/SJ
 Sample : J4836-03MS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

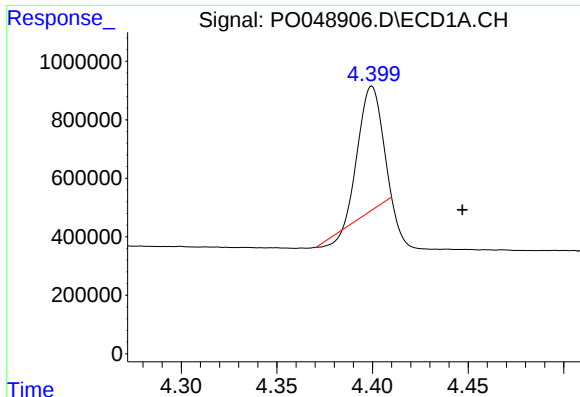
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 11 00:57:24 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0090418.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	8.094	7.455	1140018	2741820	208.980	115.324 #
43) L9	AR-1268-3	8.708	0.000	1050830	0	47.533	N.D. #
44) L9	AR-1268-4	0.000	7.820	0	377663	N.D.	67.237 #
45) L9	AR-1268-5	0.000	8.224	0	258347	N.D.	4.738 #

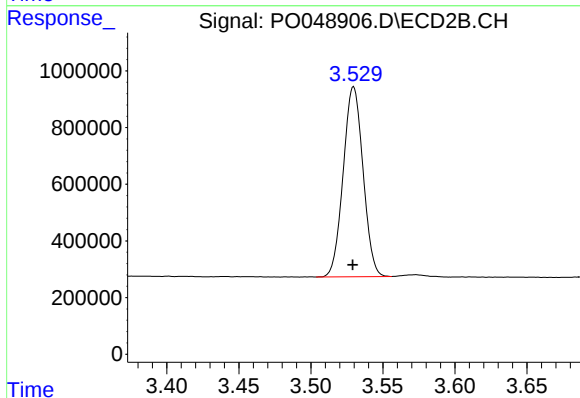
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

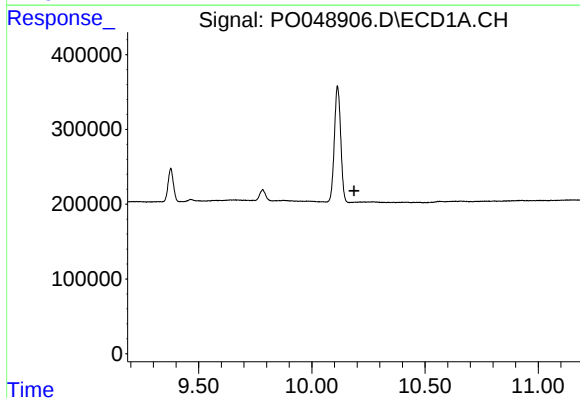
R.T.: 4.400 min
Delta R.T.: -0.047 min
Response: 3486107
Conc: 28.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



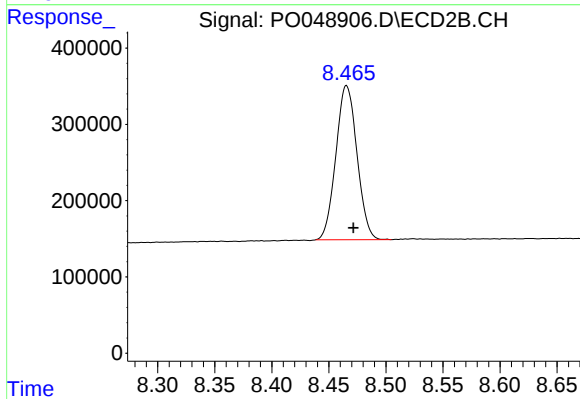
#1 Tetrachloro-m-xylene

R.T.: 3.530 min
Delta R.T.: 0.000 min
Response: 6429992
Conc: 41.14 ng/ml



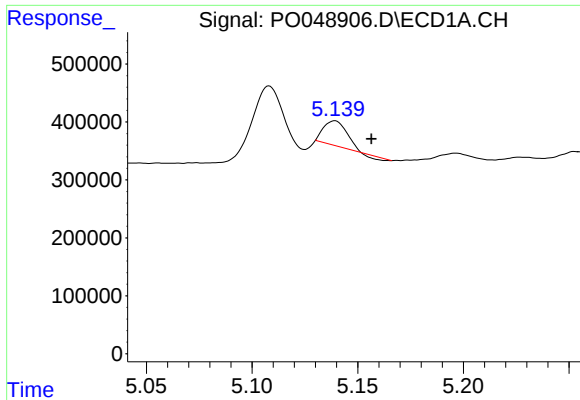
#2 Decachlorobiphenyl

R.T.: 0.000 min
Exp R.T. : 10.186 min
Response: 0
Conc: N.D.



#2 Decachlorobiphenyl

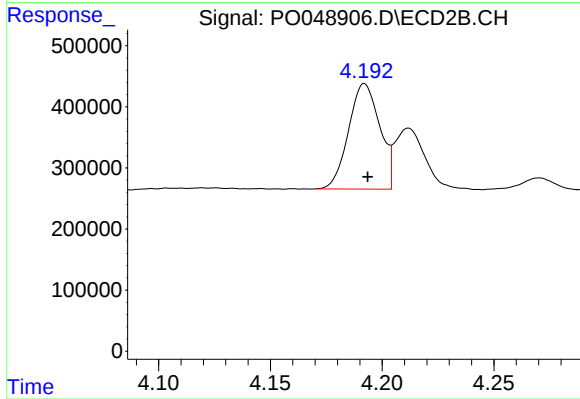
R.T.: 8.465 min
Delta R.T.: -0.006 min
Response: 2606567
Conc: 17.63 ng/ml



#3 AR-1016-1

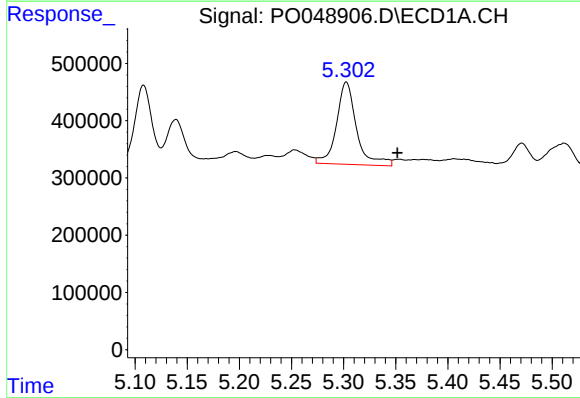
R.T.: 5.139 min
Delta R.T.: -0.017 min
Response: 305632
Conc: 94.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



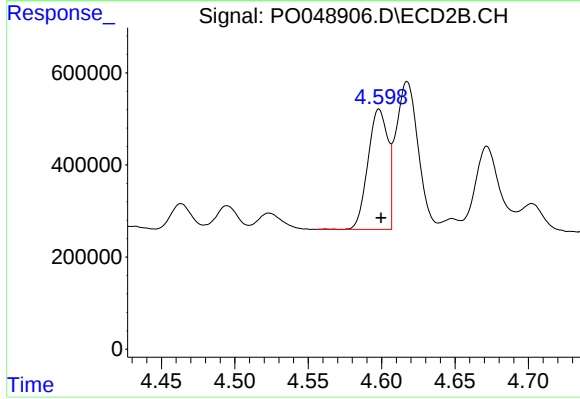
#3 AR-1016-1

R.T.: 4.192 min
Delta R.T.: -0.001 min
Response: 1678655
Conc: 387.35 ng/ml



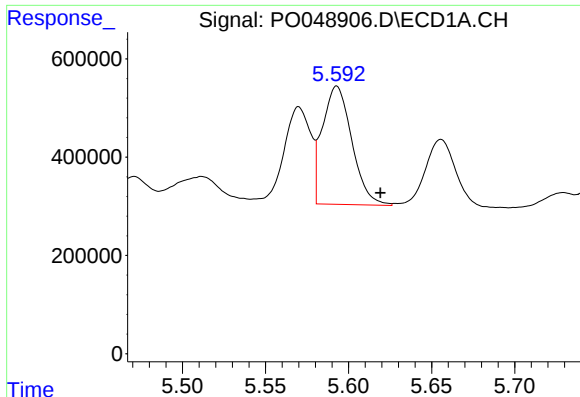
#4 AR-1016-2

R.T.: 5.303 min
Delta R.T.: -0.049 min
Response: 1917128
Conc: 557.43 ng/ml



#4 AR-1016-2

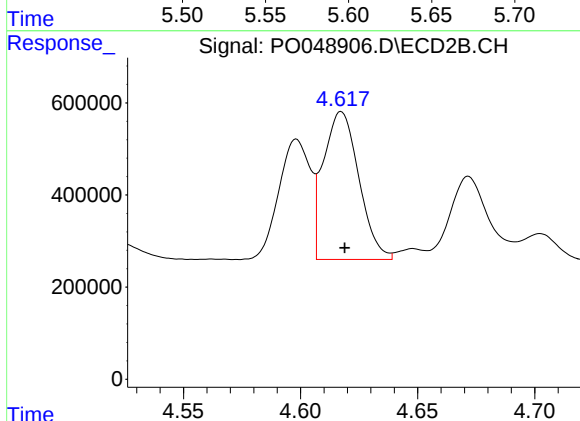
R.T.: 4.598 min
Delta R.T.: -0.001 min
Response: 2456529
Conc: 381.50 ng/ml



#5 AR-1016-3

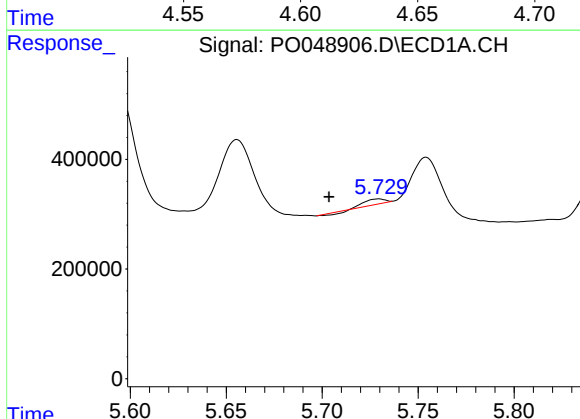
R.T.: 5.593 min
Delta R.T.: -0.026 min
Response: 2972989
Conc: 588.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



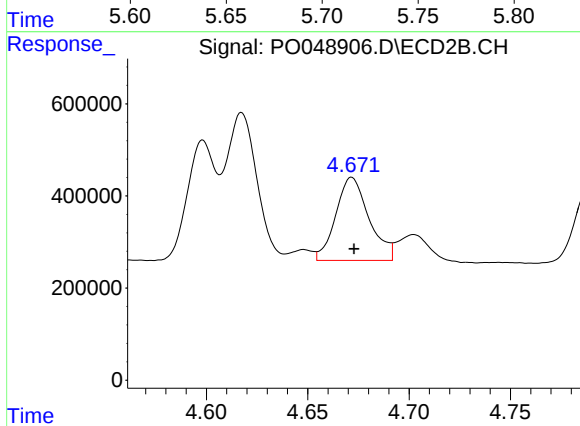
#5 AR-1016-3

R.T.: 4.617 min
Delta R.T.: -0.001 min
Response: 3392274
Conc: 401.75 ng/ml



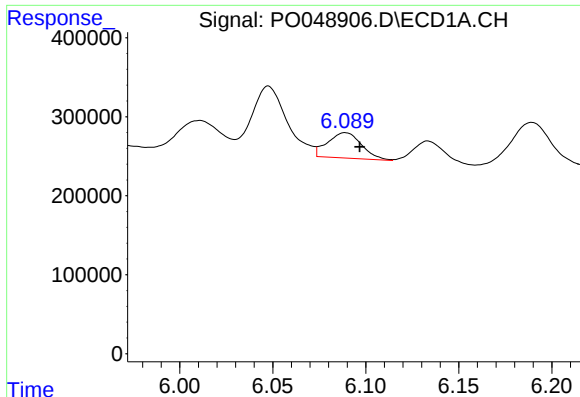
#6 AR-1016-4

R.T.: 5.729 min
Delta R.T.: 0.026 min
Response: 50466
Conc: 10.96 ng/ml



#6 AR-1016-4

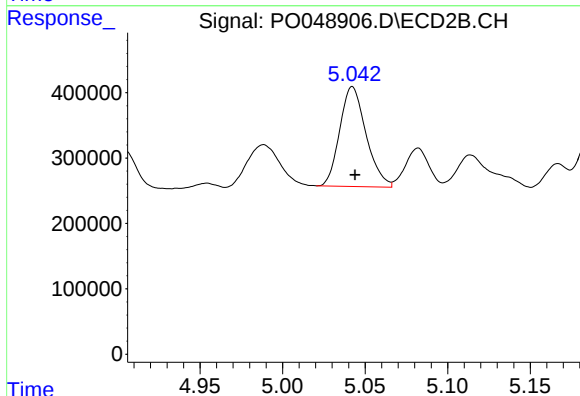
R.T.: 4.672 min
Delta R.T.: -0.001 min
Response: 2066861
Conc: 351.83 ng/ml



#7 AR-1016-5

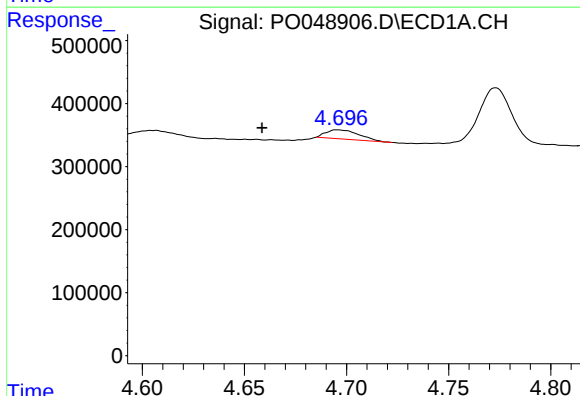
R.T.: 6.089 min
Delta R.T.: -0.008 min
Response: 407545
Conc: 105.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



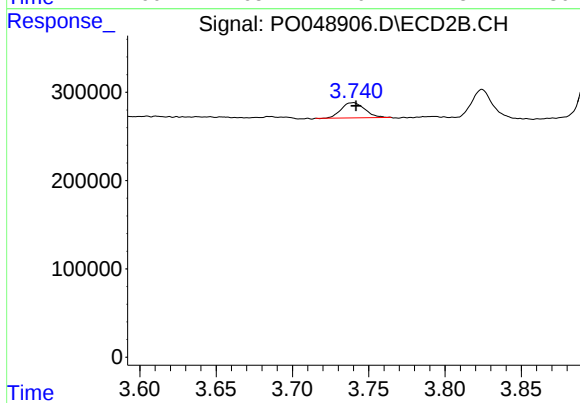
#7 AR-1016-5

R.T.: 5.042 min
Delta R.T.: -0.002 min
Response: 1695030
Conc: 327.87 ng/ml



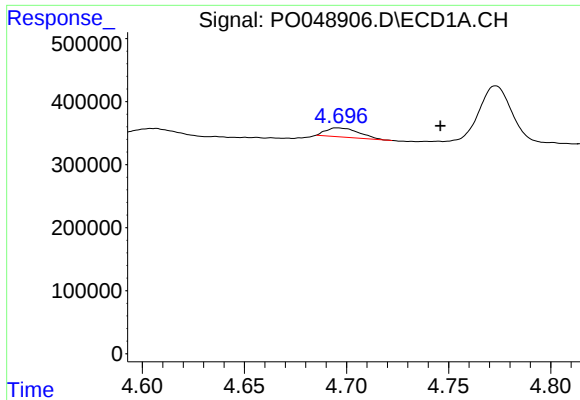
#8 AR-1221-1

R.T.: 4.696 min
Delta R.T.: 0.037 min
Response: 159584
Conc: 102.78 ng/ml



#8 AR-1221-1

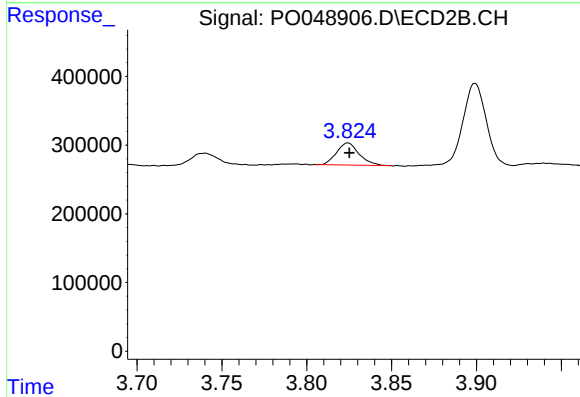
R.T.: 3.740 min
Delta R.T.: -0.002 min
Response: 186509
Conc: 87.12 ng/ml



#9 AR-1221-2

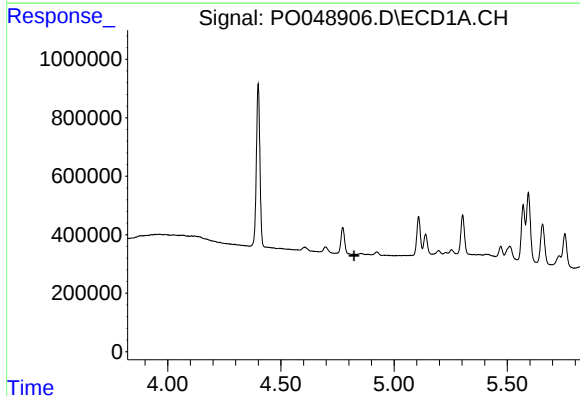
R.T.: 4.696 min
Delta R.T.: -0.050 min
Response: 159584
Conc: 133.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



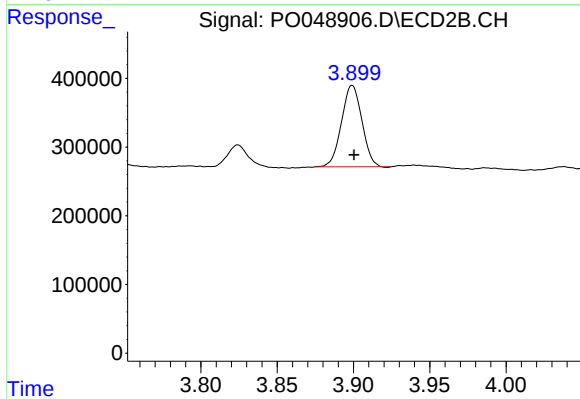
#9 AR-1221-2

R.T.: 3.824 min
Delta R.T.: 0.000 min
Response: 294573
Conc: 181.73 ng/ml



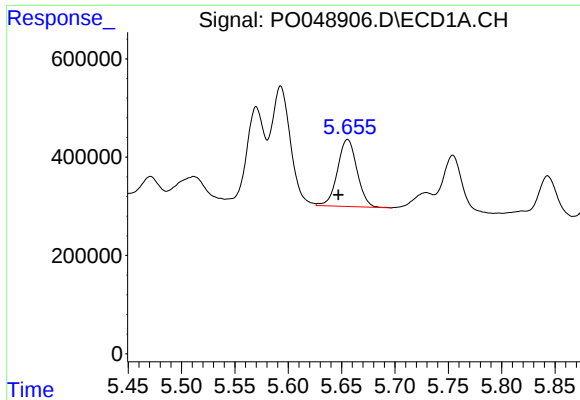
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.823 min
Response: 0
Conc: N.D.



#10 AR-1221-3

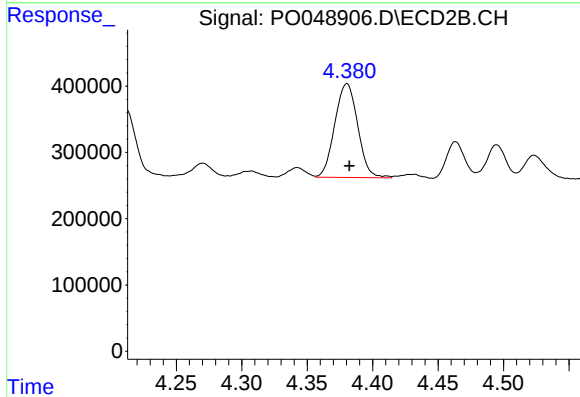
R.T.: 3.899 min
Delta R.T.: -0.001 min
Response: 1099660
Conc: 223.30 ng/ml



#11 AR-1232-1

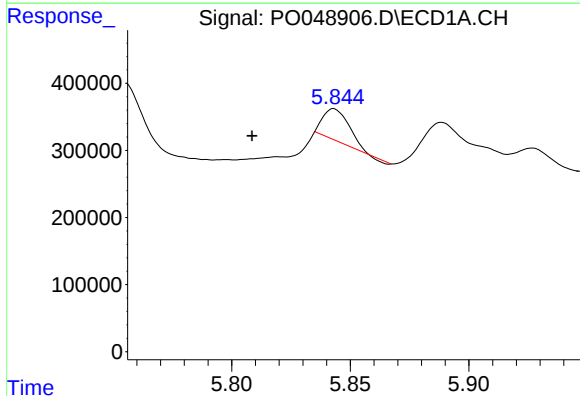
R.T.: 5.656 min
Delta R.T.: 0.008 min
Response: 1733560
Conc: 624.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



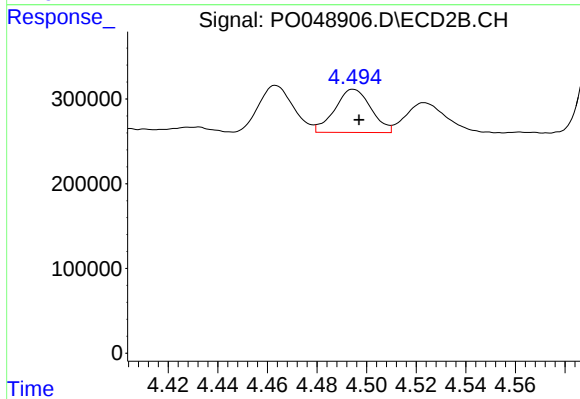
#11 AR-1232-1

R.T.: 4.380 min
Delta R.T.: -0.002 min
Response: 1729594
Conc: 897.11 ng/ml



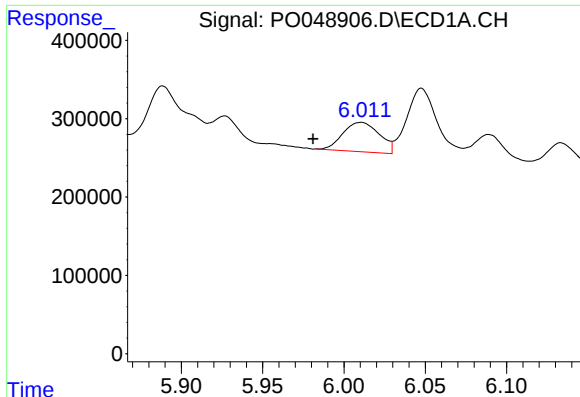
#12 AR-1232-2

R.T.: 5.843 min
Delta R.T.: 0.035 min
Response: 357502
Conc: 240.80 ng/ml



#12 AR-1232-2

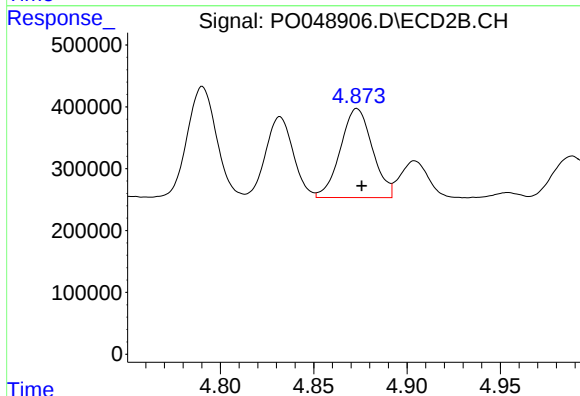
R.T.: 4.495 min
Delta R.T.: -0.002 min
Response: 516323
Conc: 777.15 ng/ml



#13 AR-1232-3

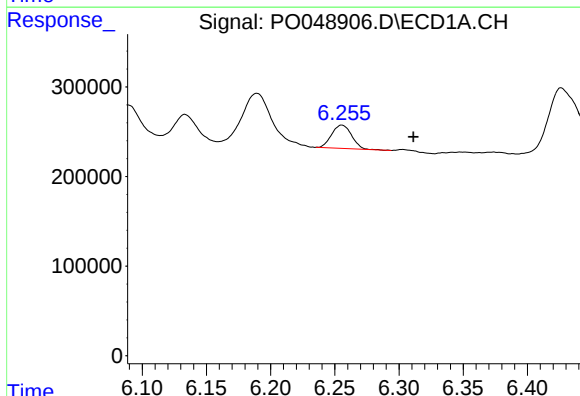
R.T.: 6.011 min
Delta R.T.: 0.030 min
Response: 587454
Conc: 1366.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



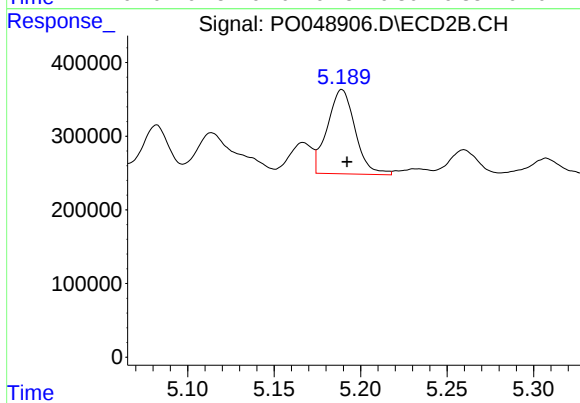
#13 AR-1232-3

R.T.: 4.873 min
Delta R.T.: -0.002 min
Response: 1722196
Conc: 988.91 ng/ml



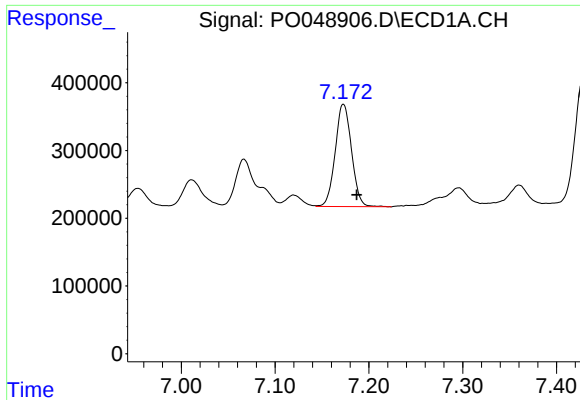
#14 AR-1232-4

R.T.: 6.256 min
Delta R.T.: -0.056 min
Response: 282319
Conc: 712.65 ng/ml



#14 AR-1232-4

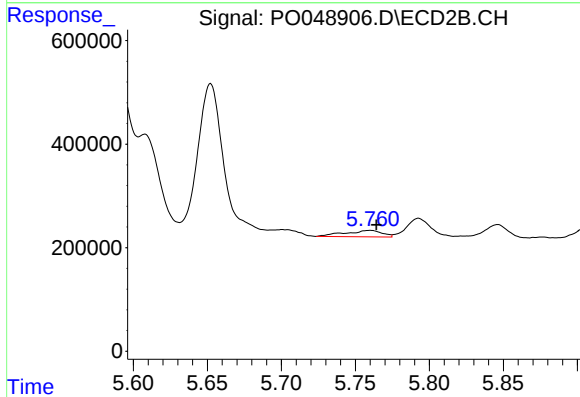
R.T.: 5.189 min
Delta R.T.: -0.003 min
Response: 1276642
Conc: 690.37 ng/ml



#15 AR-1232-5

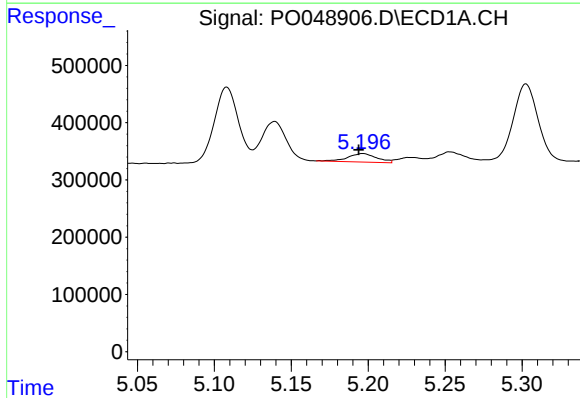
R.T.: 7.173 min
Delta R.T.: -0.014 min
Response: 1827429
Conc: 7774.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



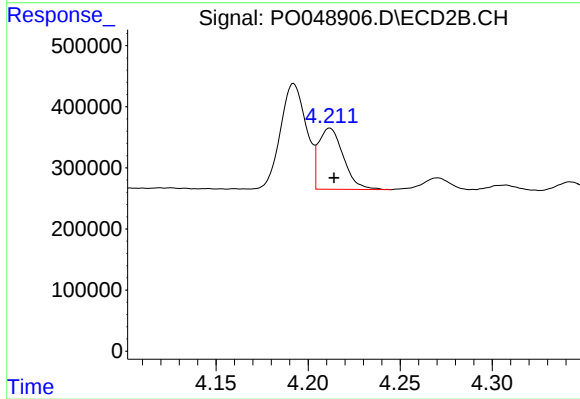
#15 AR-1232-5

R.T.: 5.760 min
Delta R.T.: -0.004 min
Response: 212852
Conc: 849.54 ng/ml



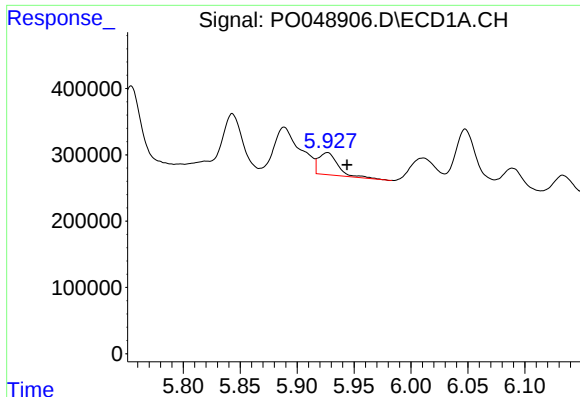
#16 AR-1242-1

R.T.: 5.197 min
Delta R.T.: 0.003 min
Response: 197366
Conc: 132.43 ng/ml



#16 AR-1242-1

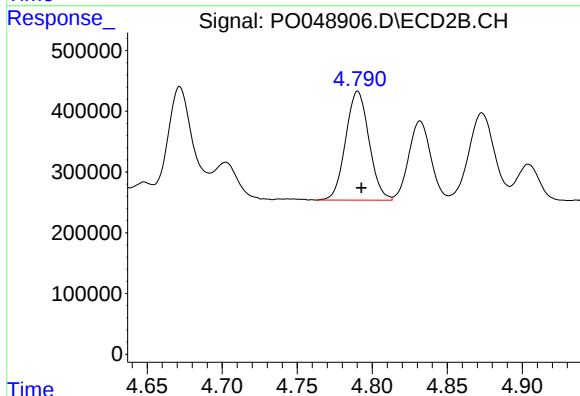
R.T.: 4.212 min
Delta R.T.: -0.002 min
Response: 939853
Conc: 478.87 ng/ml



#17 AR-1242-2

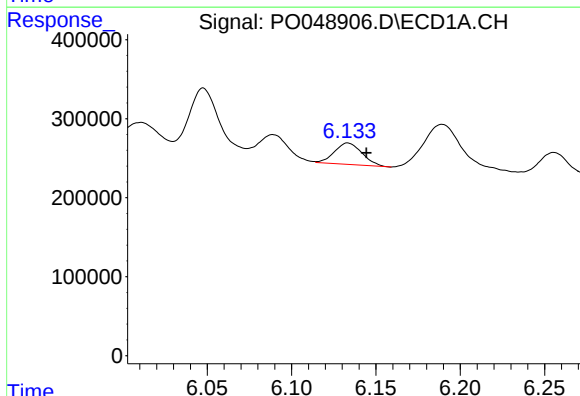
R.T.: 5.927 min
Delta R.T.: -0.017 min
Response: 393328
Conc: 136.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



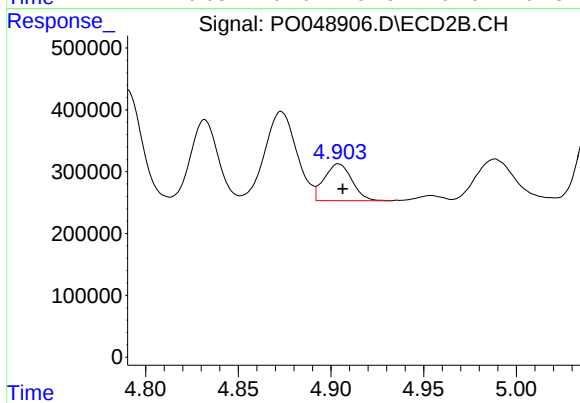
#17 AR-1242-2

R.T.: 4.790 min
Delta R.T.: -0.002 min
Response: 1947242
Conc: 481.33 ng/ml



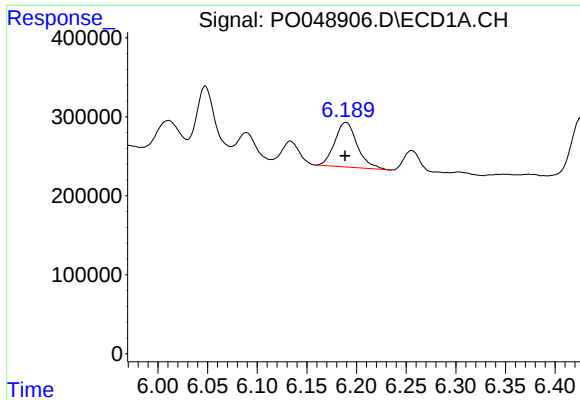
#18 AR-1242-3

R.T.: 6.133 min
Delta R.T.: -0.011 min
Response: 310133
Conc: 216.70 ng/ml



#18 AR-1242-3

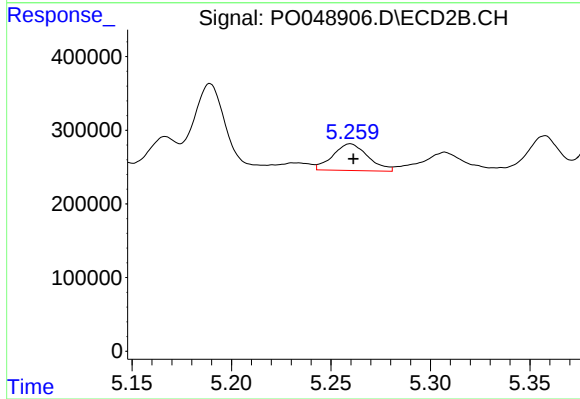
R.T.: 4.904 min
Delta R.T.: -0.002 min
Response: 618640
Conc: 432.08 ng/ml



#19 AR-1242-4

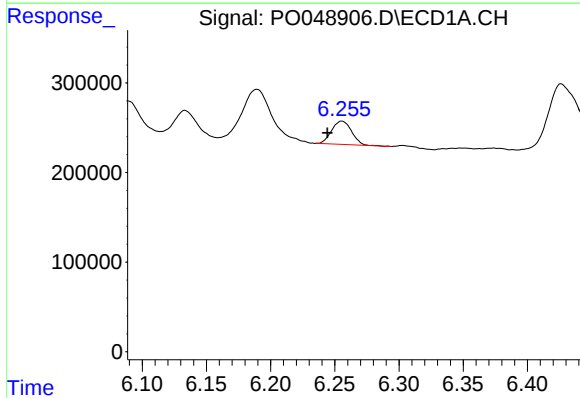
R.T.: 6.189 min
Delta R.T.: 0.000 min
Response: 892264
Conc: 808.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



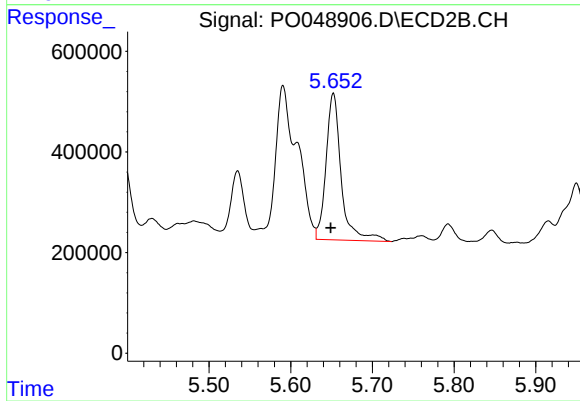
#19 AR-1242-4

R.T.: 5.260 min
Delta R.T.: -0.002 min
Response: 444837
Conc: 367.53 ng/ml



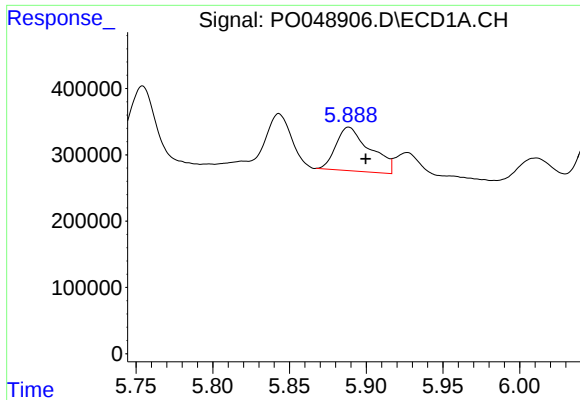
#20 AR-1242-5

R.T.: 6.256 min
Delta R.T.: 0.011 min
Response: 282319
Conc: 74.27 ng/ml



#20 AR-1242-5

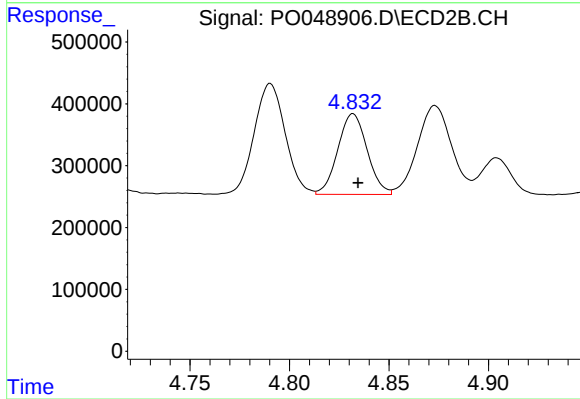
R.T.: 5.652 min
Delta R.T.: 0.003 min
Response: 3768460
Conc: 1218.77 ng/ml



#21 AR-1248-1

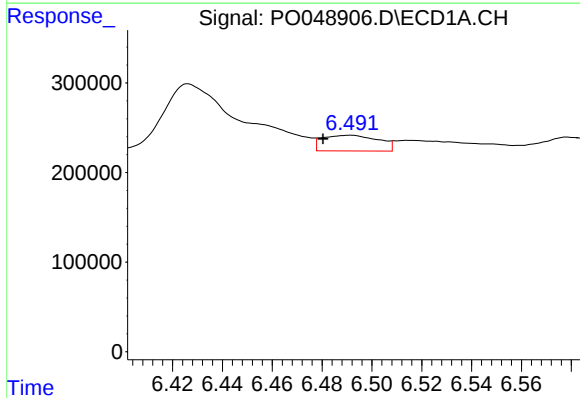
R.T.: 5.889 min
Delta R.T.: -0.011 min
Response: 1019792
Conc: 204.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



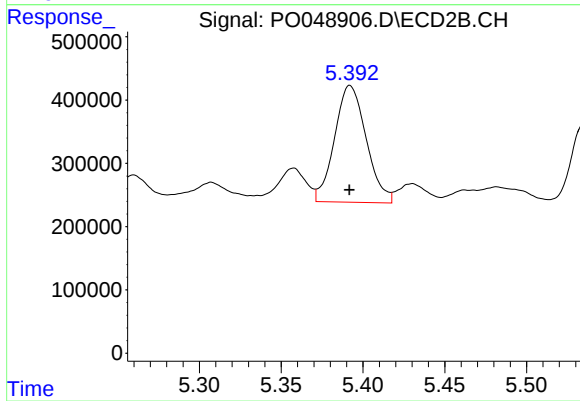
#21 AR-1248-1

R.T.: 4.832 min
Delta R.T.: -0.003 min
Response: 1339288
Conc: 252.22 ng/ml



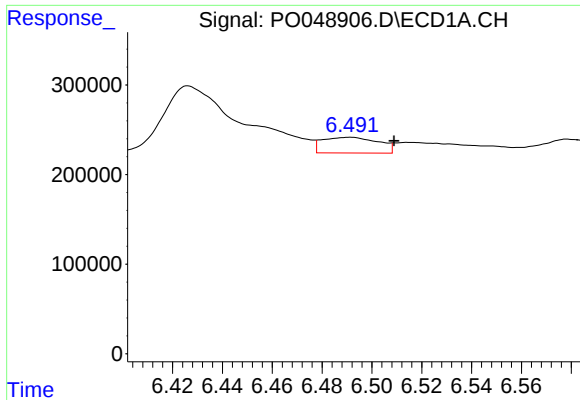
#22 AR-1248-2

R.T.: 6.491 min
Delta R.T.: 0.011 min
Response: 274629
Conc: 52.48 ng/ml



#22 AR-1248-2

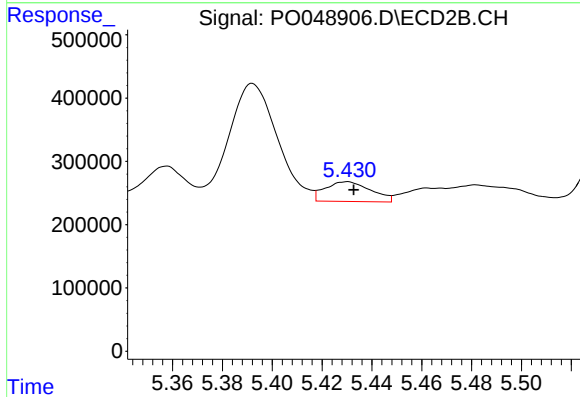
R.T.: 5.392 min
Delta R.T.: 0.000 min
Response: 2485173
Conc: 258.79 ng/ml



#23 AR-1248-3

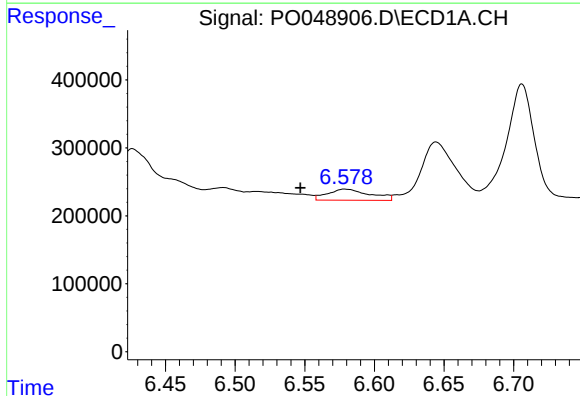
R.T.: 6.491 min
Delta R.T.: -0.018 min
Response: 274629
Conc: 40.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



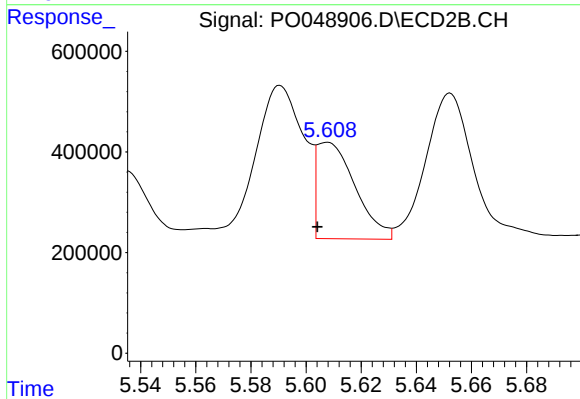
#23 AR-1248-3

R.T.: 5.430 min
Delta R.T.: -0.003 min
Response: 397853
Conc: 58.46 ng/ml



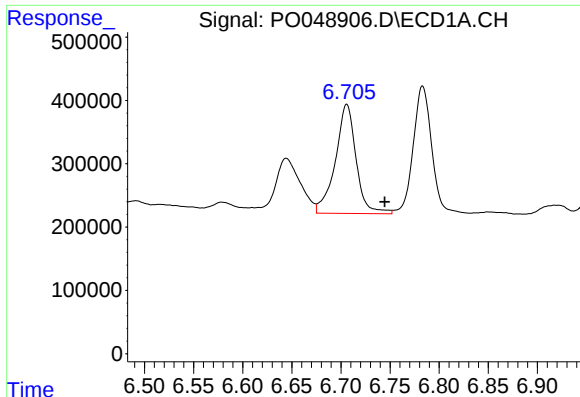
#24 AR-1248-4

R.T.: 6.579 min
Delta R.T.: 0.032 min
Response: 348355
Conc: 52.91 ng/ml



#24 AR-1248-4

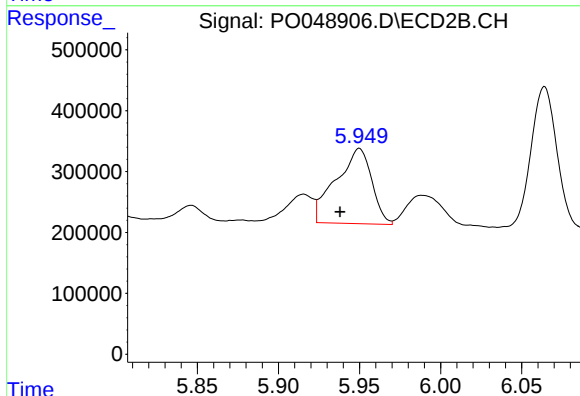
R.T.: 5.608 min
Delta R.T.: 0.003 min
Response: 1853577
Conc: 305.10 ng/ml



#25 AR-1248-5

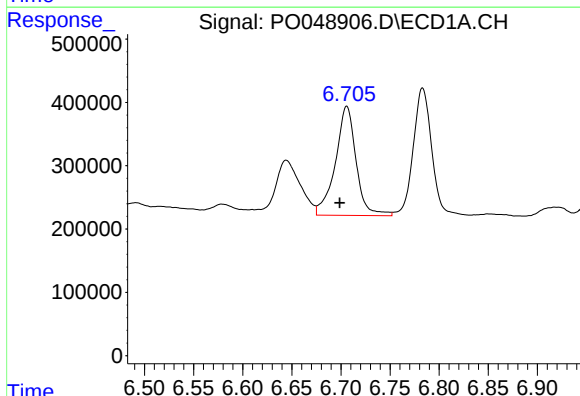
R.T.: 6.706 min
Delta R.T.: -0.039 min
Response: 2535004
Conc: 557.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



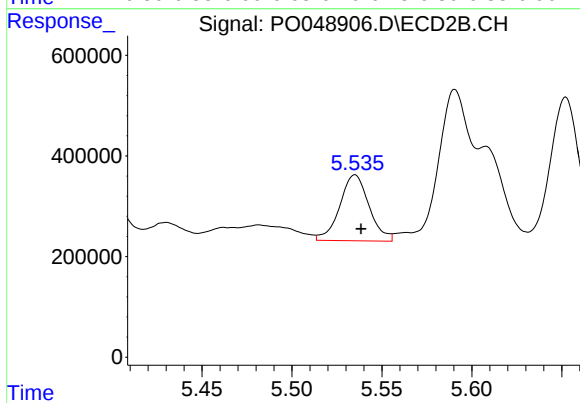
#25 AR-1248-5

R.T.: 5.950 min
Delta R.T.: 0.012 min
Response: 1898107
Conc: 407.83 ng/ml



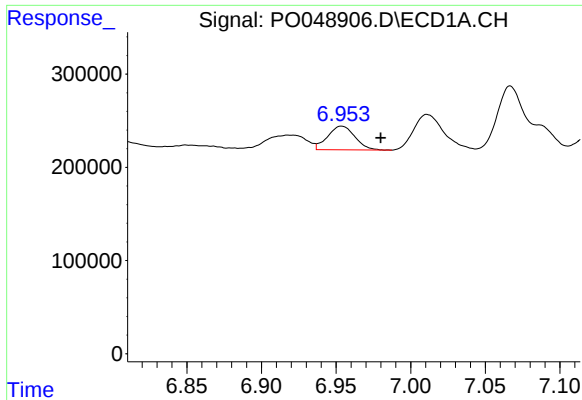
#26 AR-1254-1

R.T.: 6.706 min
Delta R.T.: 0.007 min
Response: 2535004
Conc: 223.75 ng/ml



#26 AR-1254-1

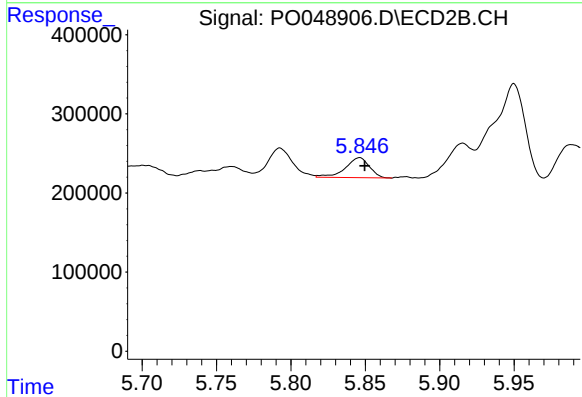
R.T.: 5.535 min
Delta R.T.: -0.003 min
Response: 1487983
Conc: 146.64 ng/ml



#27 AR-1254-2

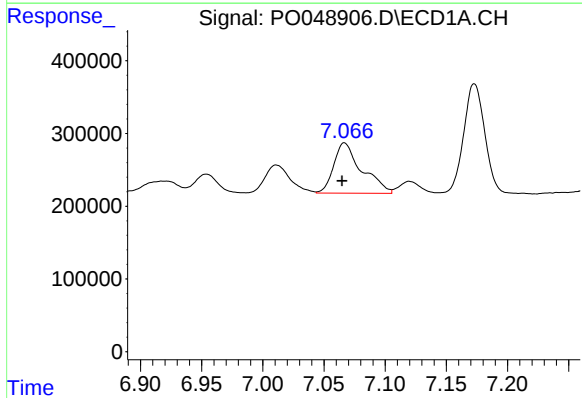
R.T.: 6.954 min
Delta R.T.: -0.026 min
Response: 321015
Conc: 43.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



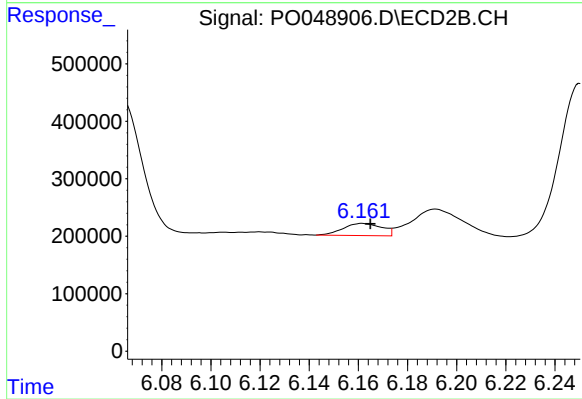
#27 AR-1254-2

R.T.: 5.846 min
Delta R.T.: -0.003 min
Response: 287160
Conc: 32.55 ng/ml



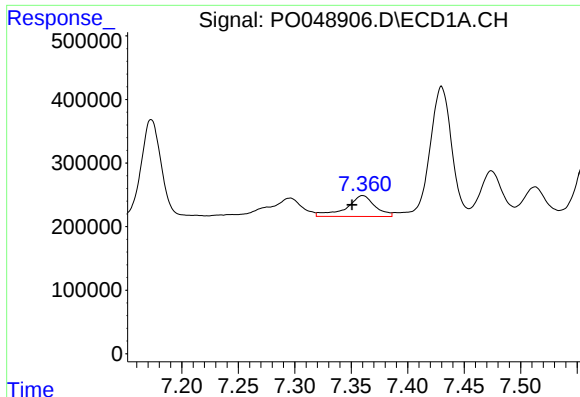
#28 AR-1254-3

R.T.: 7.067 min
Delta R.T.: 0.002 min
Response: 1104561
Conc: 86.73 ng/ml



#28 AR-1254-3

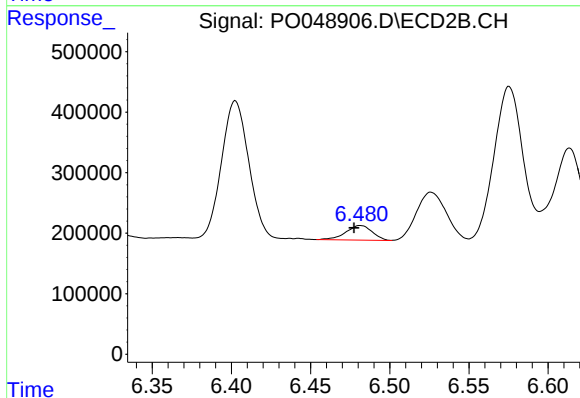
R.T.: 6.162 min
Delta R.T.: -0.003 min
Response: 231973
Conc: 21.05 ng/ml



#29 AR-1254-4

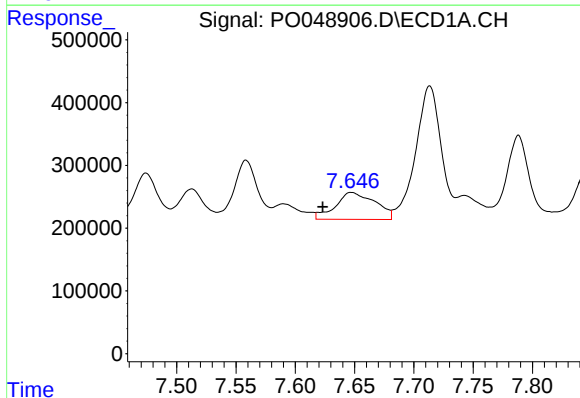
R.T.: 7.360 min
Delta R.T.: 0.010 min
Response: 579822
Conc: 59.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



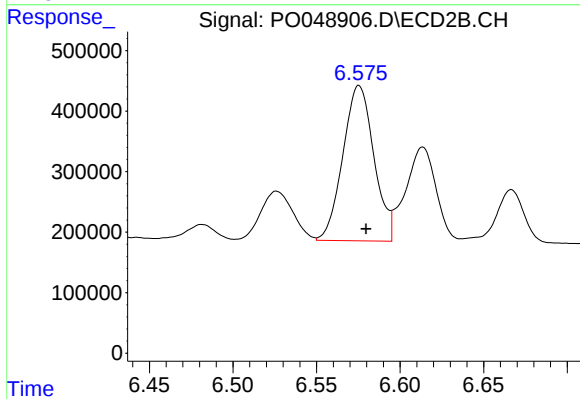
#29 AR-1254-4

R.T.: 6.481 min
Delta R.T.: 0.004 min
Response: 279565
Conc: 34.42 ng/ml



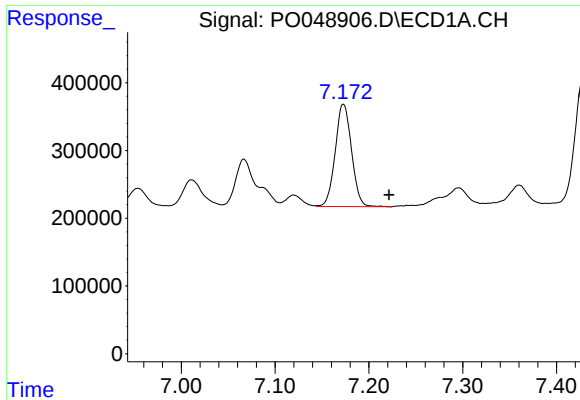
#30 AR-1254-5

R.T.: 7.647 min
Delta R.T.: 0.024 min
Response: 1000703
Conc: 129.48 ng/ml



#30 AR-1254-5

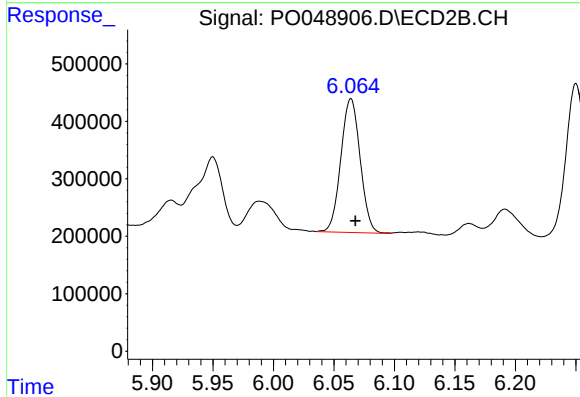
R.T.: 6.575 min
Delta R.T.: -0.004 min
Response: 3318093
Conc: 218.93 ng/ml



#31 AR-1260-1

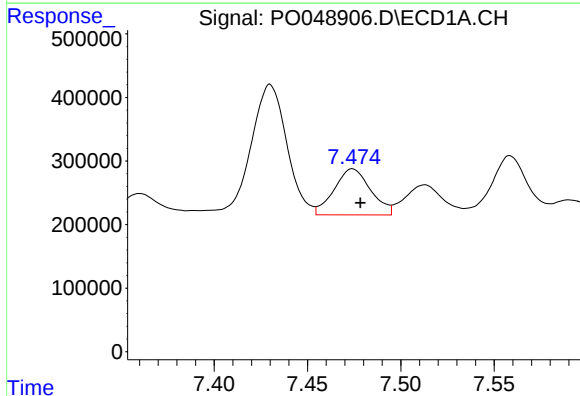
R.T.: 7.173 min
Delta R.T.: -0.049 min
Response: 1827429
Conc: 221.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



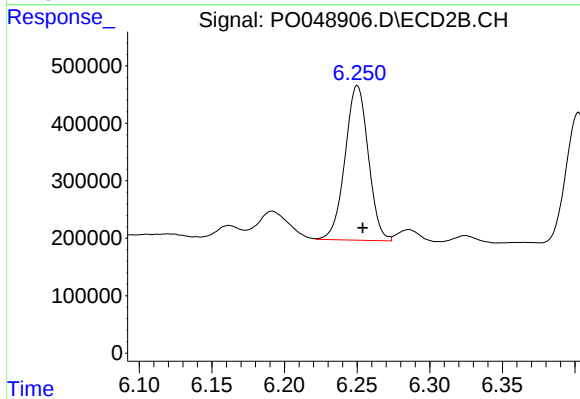
#31 AR-1260-1

R.T.: 6.064 min
Delta R.T.: -0.004 min
Response: 2586212
Conc: 248.43 ng/ml



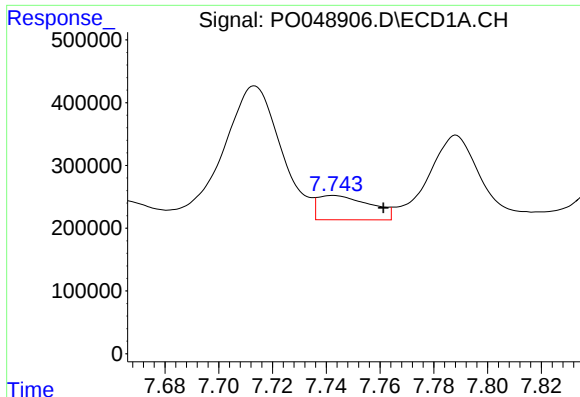
#32 AR-1260-2

R.T.: 7.474 min
Delta R.T.: -0.004 min
Response: 991427
Conc: 100.89 ng/ml



#32 AR-1260-2

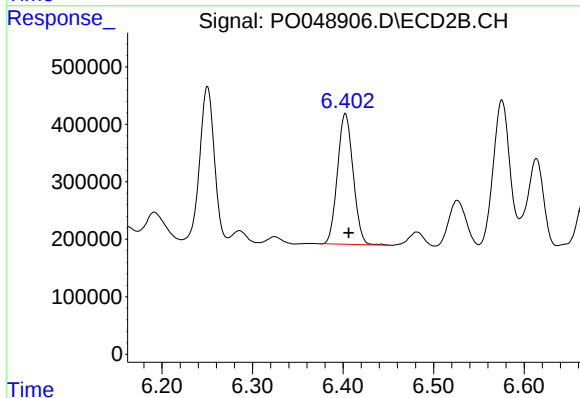
R.T.: 6.250 min
Delta R.T.: -0.004 min
Response: 2999312
Conc: 239.51 ng/ml



#33 AR-1260-3

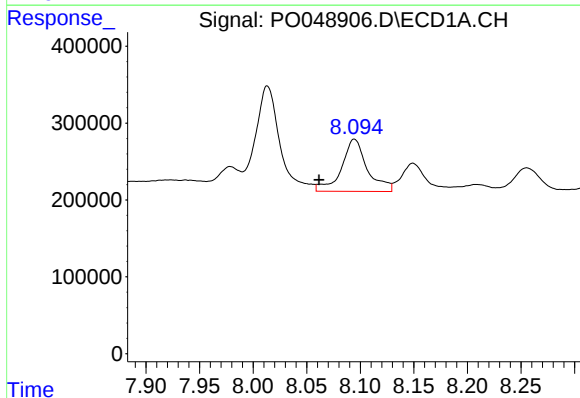
R.T.: 7.743 min
Delta R.T.: -0.019 min
Response: 520279
Conc: 43.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



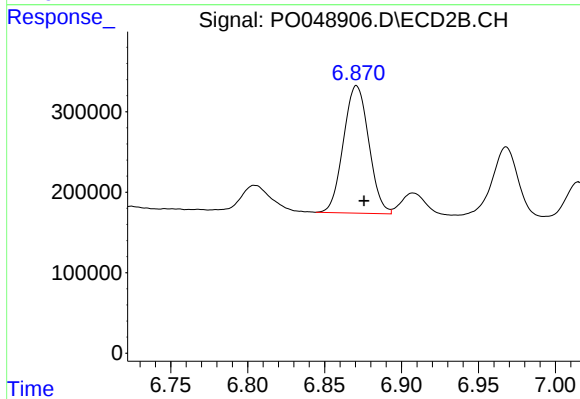
#33 AR-1260-3

R.T.: 6.403 min
Delta R.T.: -0.004 min
Response: 2732950
Conc: 230.35 ng/ml



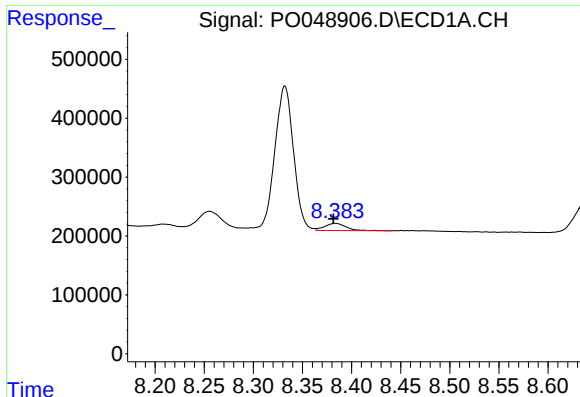
#34 AR-1260-4

R.T.: 8.094 min
Delta R.T.: 0.033 min
Response: 1140018
Conc: 132.82 ng/ml



#34 AR-1260-4

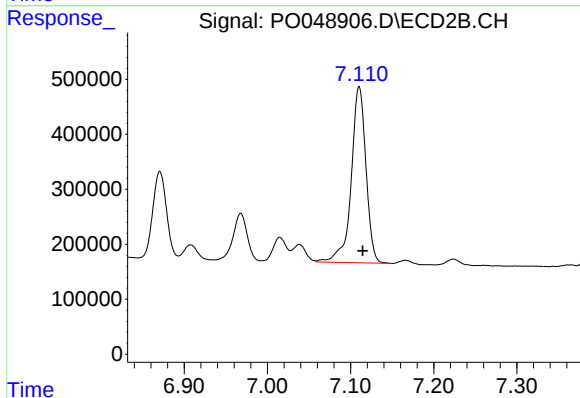
R.T.: 6.871 min
Delta R.T.: -0.005 min
Response: 1806665
Conc: 190.96 ng/ml



#35 AR-1260-5

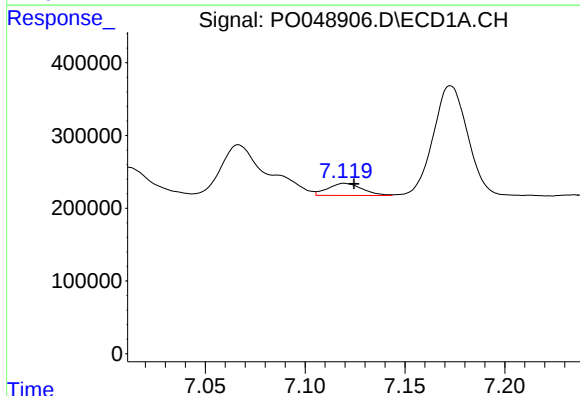
R.T.: 8.384 min
Delta R.T.: 0.002 min
Response: 183637
Conc: 11.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



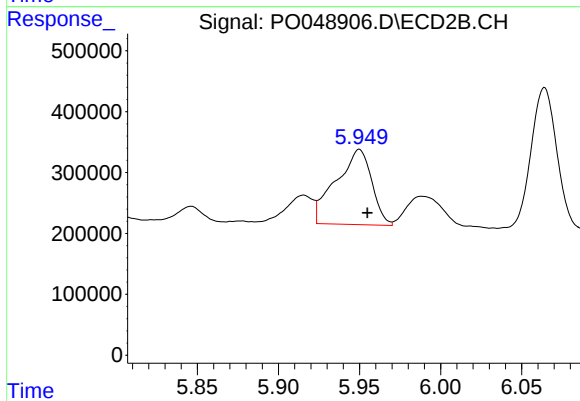
#35 AR-1260-5

R.T.: 7.110 min
Delta R.T.: -0.004 min
Response: 3944726
Conc: 181.66 ng/ml



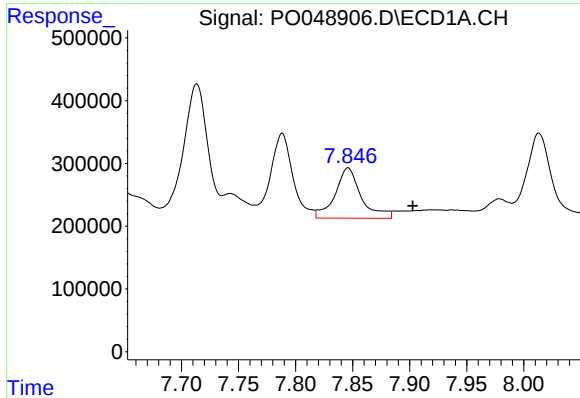
#36 AR-1262-1

R.T.: 7.120 min
Delta R.T.: -0.005 min
Response: 200215
Conc: 41.01 ng/ml



#36 AR-1262-1

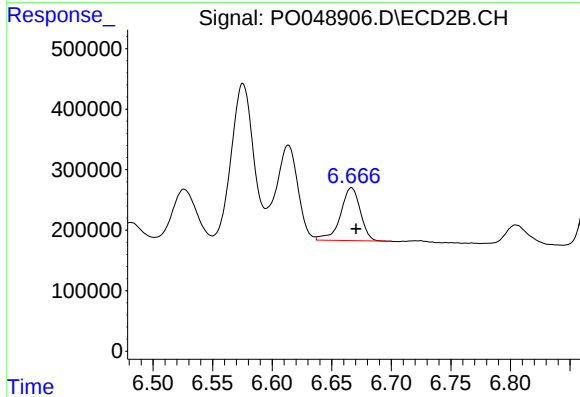
R.T.: 5.950 min
Delta R.T.: -0.005 min
Response: 1898107
Conc: 344.83 ng/ml



#37 AR-1262-2

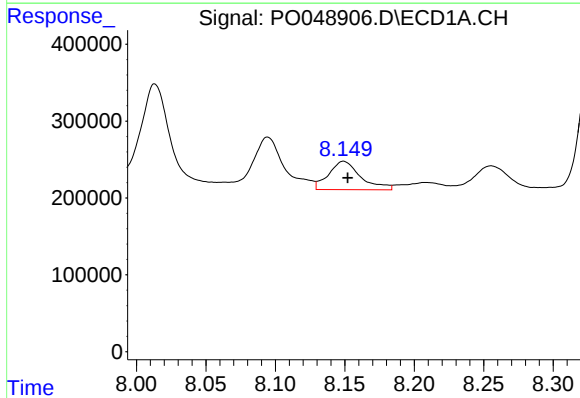
R.T.: 7.846 min
Delta R.T.: -0.057 min
Response: 1276842
Conc: 293.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



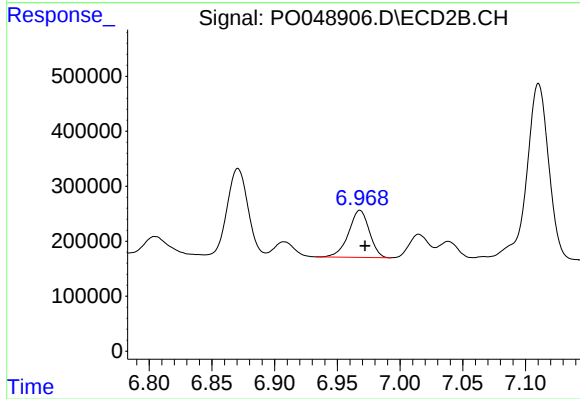
#37 AR-1262-2

R.T.: 6.667 min
Delta R.T.: -0.004 min
Response: 1010045
Conc: 186.52 ng/ml



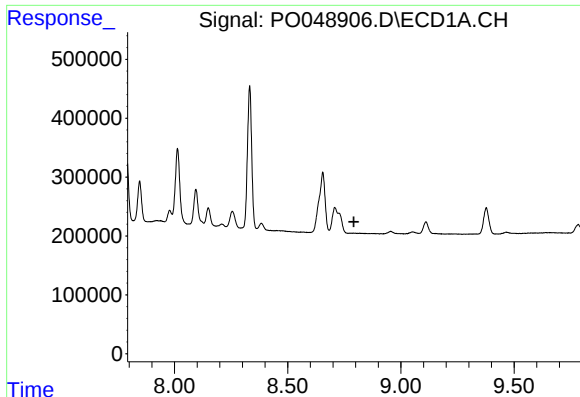
#38 AR-1262-3

R.T.: 8.149 min
Delta R.T.: -0.003 min
Response: 594884
Conc: 122.45 ng/ml



#38 AR-1262-3

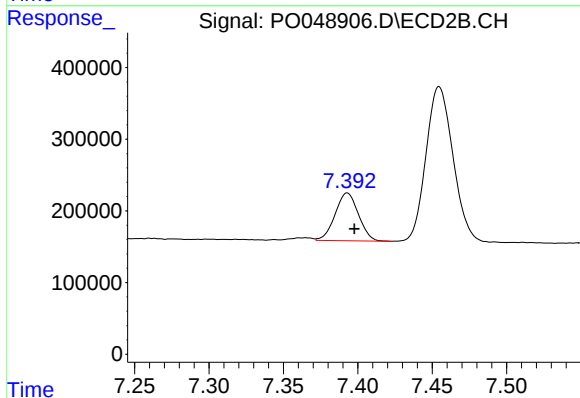
R.T.: 6.968 min
Delta R.T.: -0.004 min
Response: 988538
Conc: 165.72 ng/ml



#39 AR-1262-4

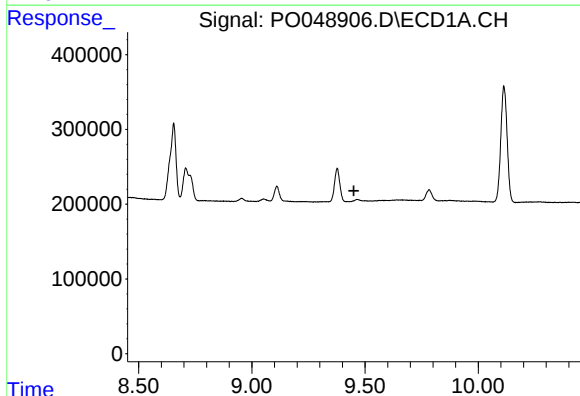
R.T.: 0.000 min
Exp R.T.: 8.792 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



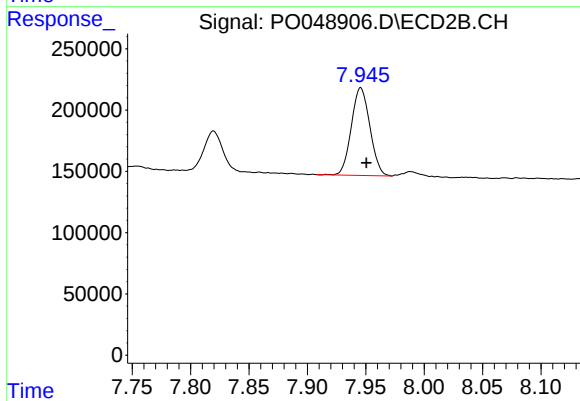
#39 AR-1262-4

R.T.: 7.393 min
Delta R.T.: -0.005 min
Response: 728965
Conc: 82.12 ng/ml



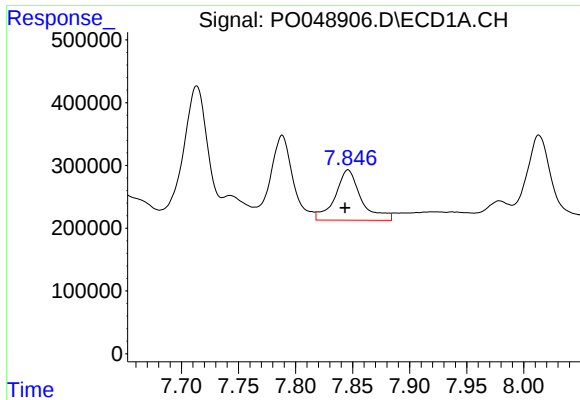
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T.: 9.450 min
Response: 0
Conc: N.D.



#40 AR-1262-5

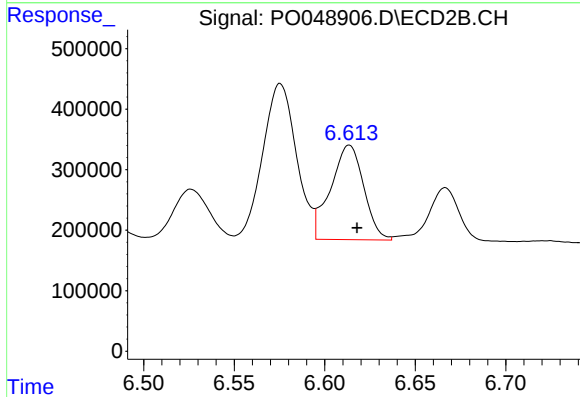
R.T.: 7.946 min
Delta R.T.: -0.005 min
Response: 790913
Conc: 104.57 ng/ml



#41 AR-1268-1

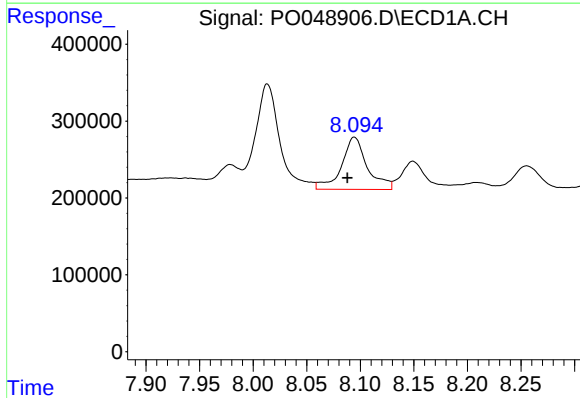
R.T.: 7.846 min
Delta R.T.: 0.003 min
Response: 1276842
Conc: 298.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



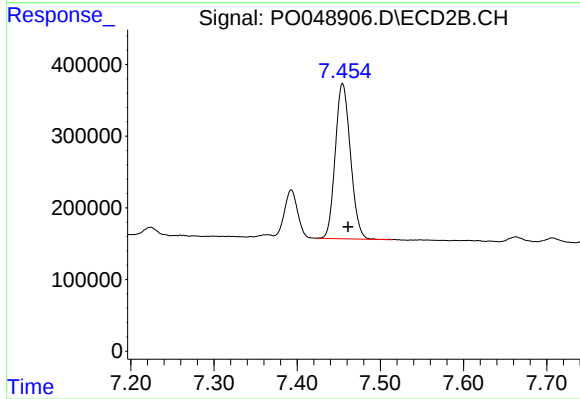
#41 AR-1268-1

R.T.: 6.614 min
Delta R.T.: -0.004 min
Response: 1989979
Conc: 364.65 ng/ml



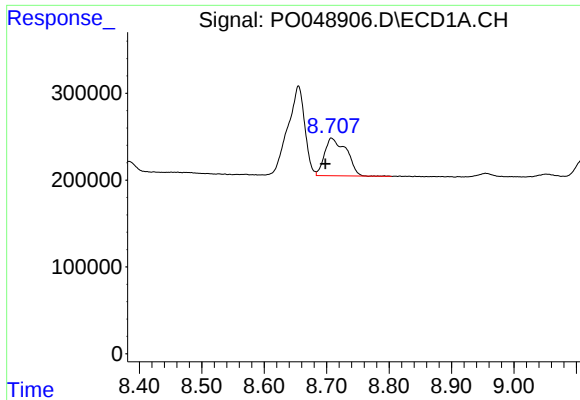
#42 AR-1268-2

R.T.: 8.094 min
Delta R.T.: 0.006 min
Response: 1140018
Conc: 208.98 ng/ml



#42 AR-1268-2

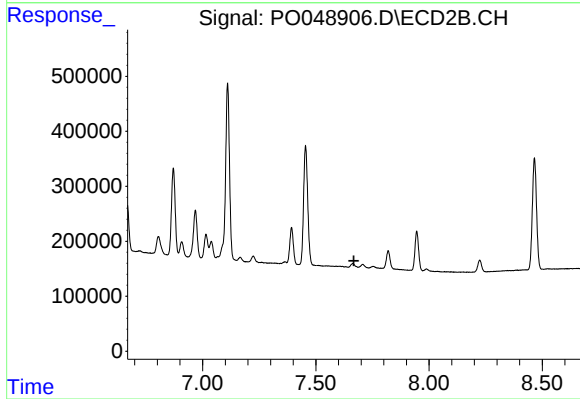
R.T.: 7.455 min
Delta R.T.: -0.006 min
Response: 2741820
Conc: 115.32 ng/ml



#43 AR-1268-3

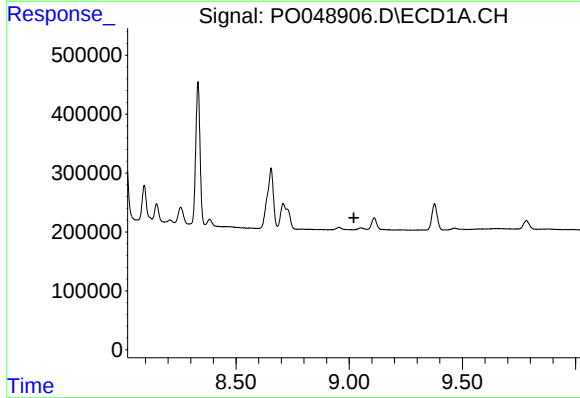
R.T.: 8.708 min
Delta R.T.: 0.010 min
Response: 1050830
Conc: 47.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



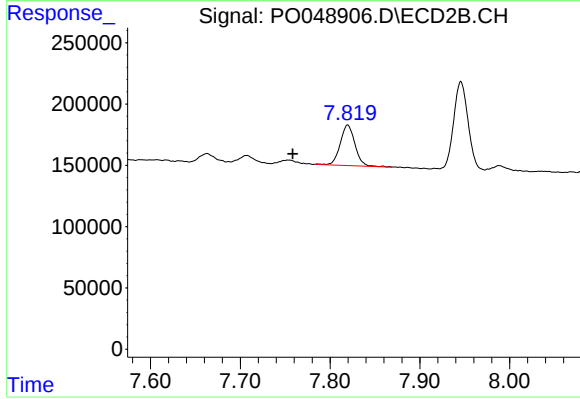
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 7.668 min
Response: 0
Conc: N.D.



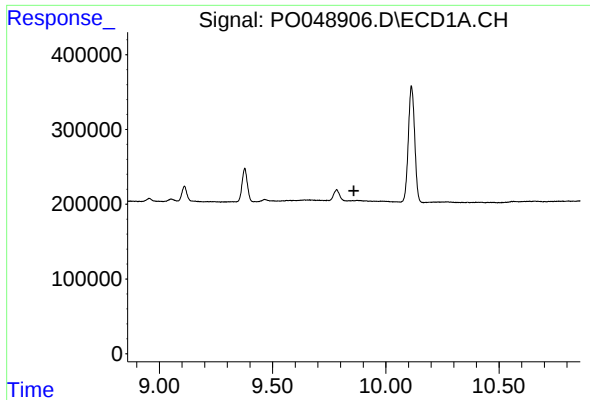
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 9.021 min
Response: 0
Conc: N.D.



#44 AR-1268-4

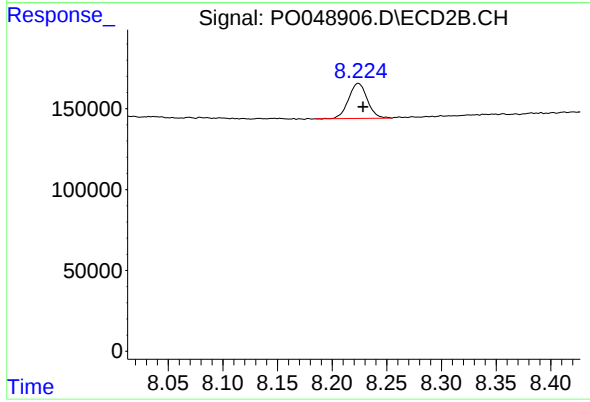
R.T.: 7.820 min
Delta R.T.: 0.061 min
Response: 377663
Conc: 67.24 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 9.859 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.224 min
Delta R.T.: -0.004 min
Response: 258347
Conc: 4.74 ng/ml