

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0091718\
 Data File : P0049046.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 17 Sep 2018 17:26
 Operator : SM/SJ
 Sample : J4773-03MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 18 00:46:41 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0091118.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 12 08:13:07 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...	4.396	3.525	4994602	6097534	30.486	33.424
2)	SA Decachlor...	10.114	8.461	3820128	2795914	17.147	15.067
Target Compounds							
3)	L1 AR-1016-1	5.106	4.188	1265598	1348989	279.197	265.706
4)	L1 AR-1016-2	5.301	4.596	3508478	1896307	739.439	244.932 #
5)	L1 AR-1016-3	5.569	4.616	2235527	3695380	309.249	357.734
6)	L1 AR-1016-4	5.653	4.670	1437584	2327568	228.650	313.070 #
7)	L1 AR-1016-5	6.046	5.036	2232692	1347125	420.027	194.181 #
8)	L2 AR-1221-1	0.000	3.735	0	199027	N.D.	98.010 #
9)	L2 AR-1221-2	4.696	3.820	155655	303579	113.693	196.403 #
10)	L2 AR-1221-3	4.770	3.895	860939	972984	190.364	204.132
11)	L3 AR-1232-1	5.499	4.375	1828170	2830120	5049.269	1428.255 #
12)	L3 AR-1232-2	5.753	4.490	1463416	1755719	762.181	2592.995 #
13)	L3 AR-1232-3	5.930	4.870	1080039	2165229	2002.540	1153.875 #
14)	L3 AR-1232-4	6.255	5.185	1909720	951054	3967.195	453.537 #
15)	L3 AR-1232-5	7.120	5.756	623270	842639	2017.758	3308.915 #
16)	L4 AR-1242-1	5.137	4.208	652236	1151945	390.223	610.186 #
17)	L4 AR-1242-2	5.889	4.786	712110	2499644	218.816	601.004 #
18)	L4 AR-1242-3	6.088	4.897	1669327	1009200	1063.887	689.563 #
19)	L4 AR-1242-4	6.129	5.259	968623	413755	805.823	328.622 #
20)	L4 AR-1242-5	6.188	5.648	3068254	2873755	706.467	849.005
21)	L5 AR-1248-1	5.843	4.830	1424650	1714953	256.111	255.696
22)	L5 AR-1248-2	6.423	5.386	2268728	1592218	372.855	125.250 #
23)	L5 AR-1248-3	6.458	5.428	1369044	447057	170.567	49.801 #
24)	L5 AR-1248-4	6.487	5.602	1161068	2324026	151.412	286.365 #
25)	L5 AR-1248-5	6.706	5.945	2501278	2569656	477.272	409.724
26)	L6 AR-1254-1	6.642	5.531	2293474	1743072	147.238	131.462
27)	L6 AR-1254-2	6.910	5.842	1318708	1657699	129.963	142.035
28)	L6 AR-1254-3	7.013	6.157	1046373	426630	58.397	28.887 #
29)	L6 AR-1254-4	7.294	6.476	964236	525788	69.737	47.049 #
30)	L6 AR-1254-5	7.559	6.571	1188620	3314800	117.745	158.351 #
31)	L7 AR-1260-1	7.172	6.060	2601022	2899192	208.026	213.713
32)	L7 AR-1260-2	7.429	6.246	2853369	2580932	205.654	152.172 #
33)	L7 AR-1260-3	7.713	6.398	3074437	2705152	204.807	168.339
34)	L7 AR-1260-4	8.013	6.867	1886641	1727747	188.545	129.859 #
35)	L7 AR-1260-5	8.331	7.107	3581048	4223060	176.042	137.369
36)	L8 AR-1262-1	7.066	5.945	1889135	2569656	287.186	342.987
37)	L8 AR-1262-2	7.846	6.663	842366	1110311	163.976	147.280
38)	L8 AR-1262-3	8.094	6.964	901948	1032670	177.367	125.674 #
39)	L8 AR-1262-4	8.727	7.390	451828	767326	41.807	62.090 #
40)	L8 AR-1262-5	9.378	7.943	874981	849012	107.038	83.560
41)	L9 AR-1268-1	7.788	6.609	1489711	1928796	291.310	254.235

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Acq On : 17 Sep 2018 17:26
Operator : SM/SJ
Sample : J4773-03MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

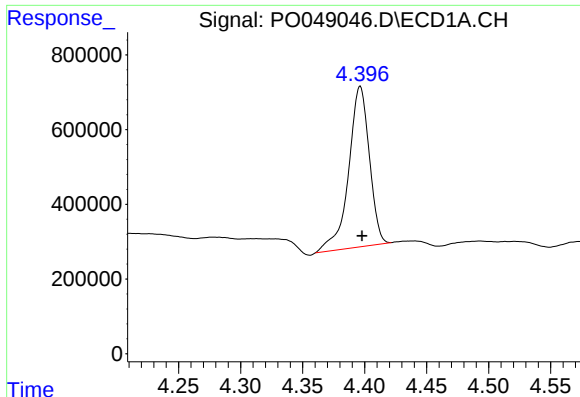
Instrument :
ECD_O
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 18 00:46:41 2018
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0091118.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Sep 12 08:13:07 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
42)	L9 AR-1268-2	8.013	7.452	1886641	2661323	308.356	80.025 #
43)	L9 AR-1268-3	8.655	7.659	2286873	79077	87.239	2.897 #
44)	L9 AR-1268-4	0.000	7.817	0	404807	N.D.	52.259 #
45)	L9 AR-1268-5	9.785	8.219	287856	291056	3.893	4.104

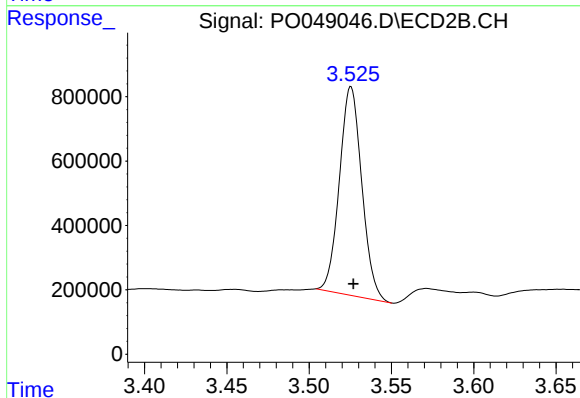
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

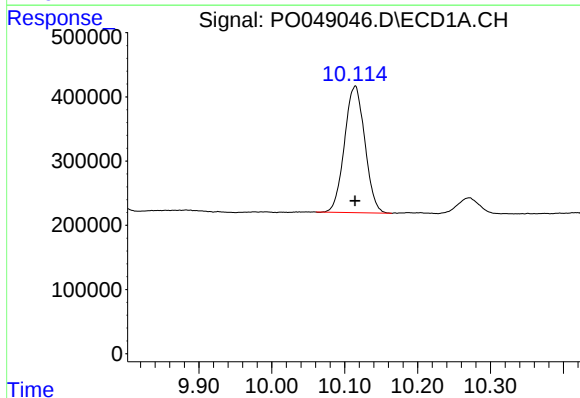
R.T.: 4.396 min
Delta R.T.: -0.002 min
Response: 4994602
Conc: 30.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



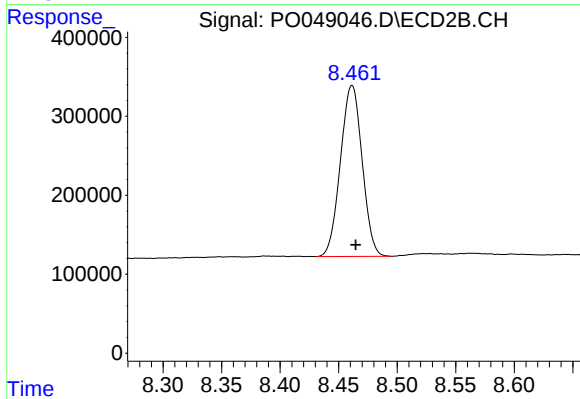
#1 Tetrachloro-m-xylene

R.T.: 3.525 min
Delta R.T.: -0.001 min
Response: 6097534
Conc: 33.42 ng/ml



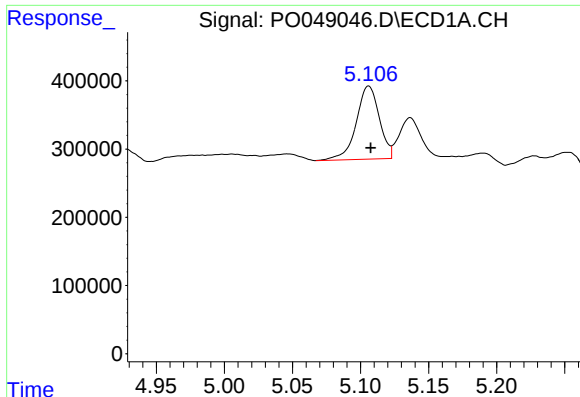
#2 Decachlorobiphenyl

R.T.: 10.114 min
Delta R.T.: 0.000 min
Response: 3820128
Conc: 17.15 ng/ml



#2 Decachlorobiphenyl

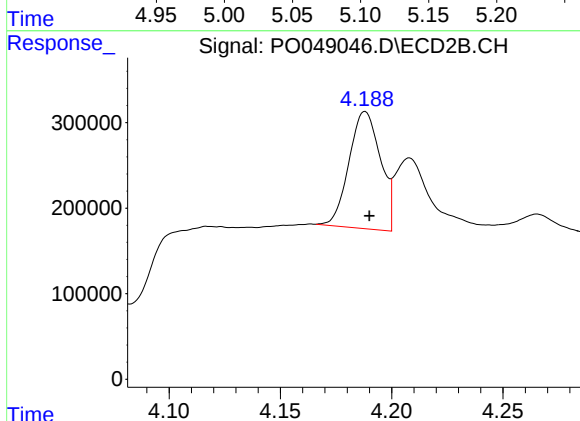
R.T.: 8.461 min
Delta R.T.: -0.003 min
Response: 2795914
Conc: 15.07 ng/ml



#3 AR-1016-1

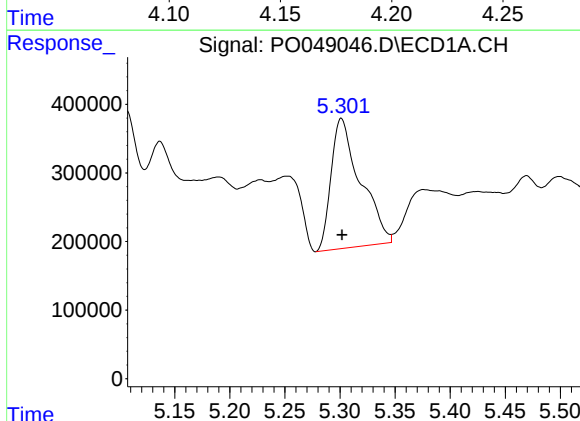
R.T.: 5.106 min
Delta R.T.: -0.002 min
Response: 1265598
Conc: 279.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



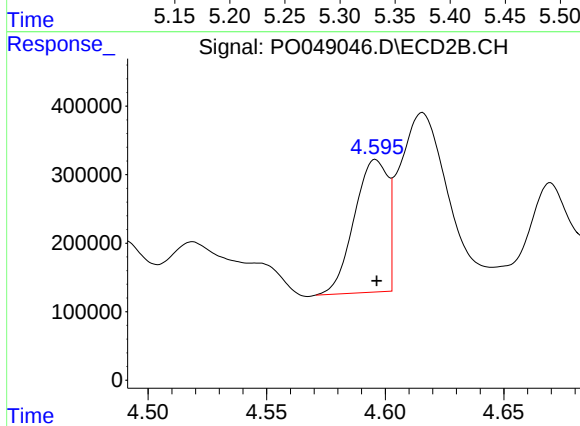
#3 AR-1016-1

R.T.: 4.188 min
Delta R.T.: -0.002 min
Response: 1348989
Conc: 265.71 ng/ml



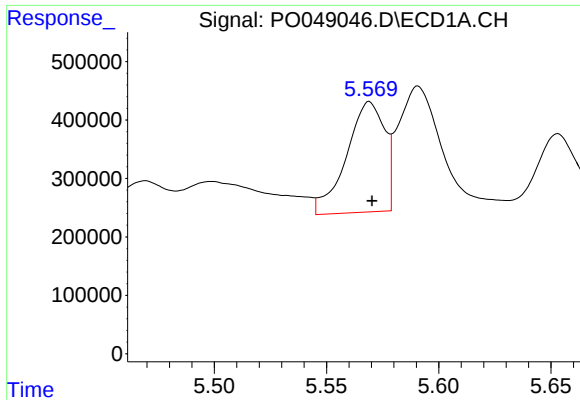
#4 AR-1016-2

R.T.: 5.301 min
Delta R.T.: 0.000 min
Response: 3508478
Conc: 739.44 ng/ml



#4 AR-1016-2

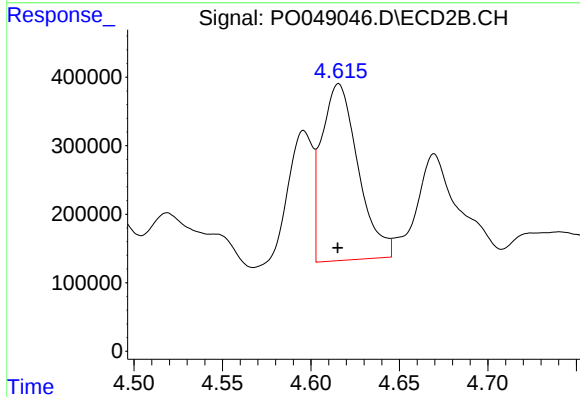
R.T.: 4.596 min
Delta R.T.: 0.000 min
Response: 1896307
Conc: 244.93 ng/ml



#5 AR-1016-3

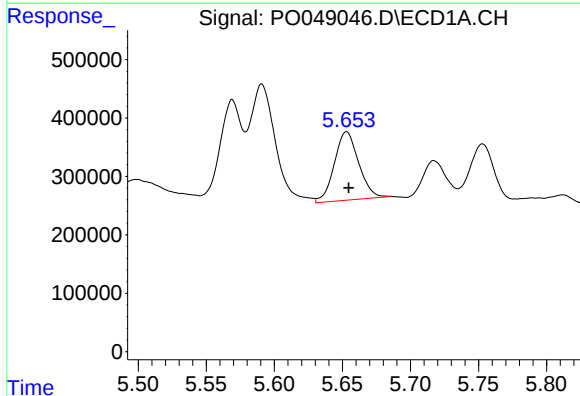
R.T.: 5.569 min
Delta R.T.: -0.001 min
Response: 2235527
Conc: 309.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



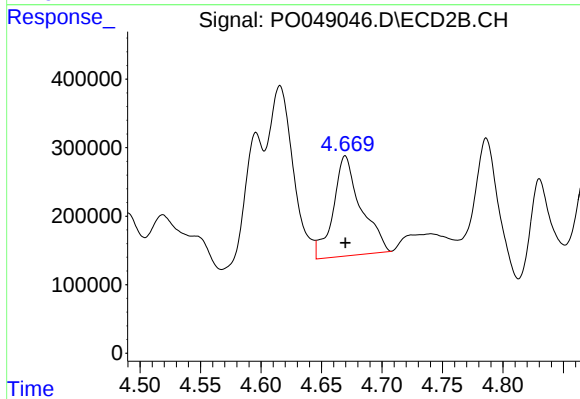
#5 AR-1016-3

R.T.: 4.616 min
Delta R.T.: 0.000 min
Response: 3695380
Conc: 357.73 ng/ml



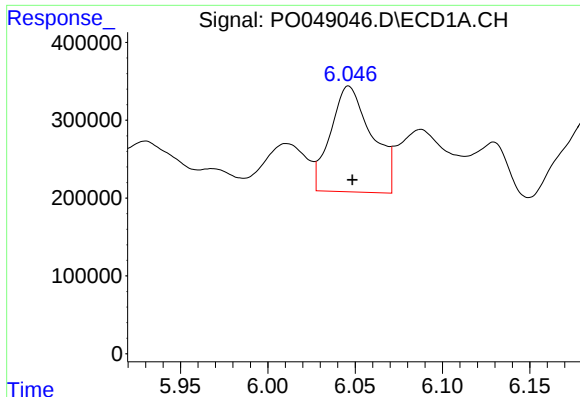
#6 AR-1016-4

R.T.: 5.653 min
Delta R.T.: -0.002 min
Response: 1437584
Conc: 228.65 ng/ml



#6 AR-1016-4

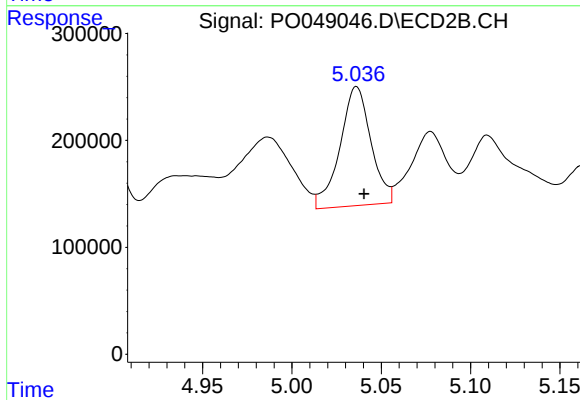
R.T.: 4.670 min
Delta R.T.: 0.000 min
Response: 2327568
Conc: 313.07 ng/ml



#7 AR-1016-5

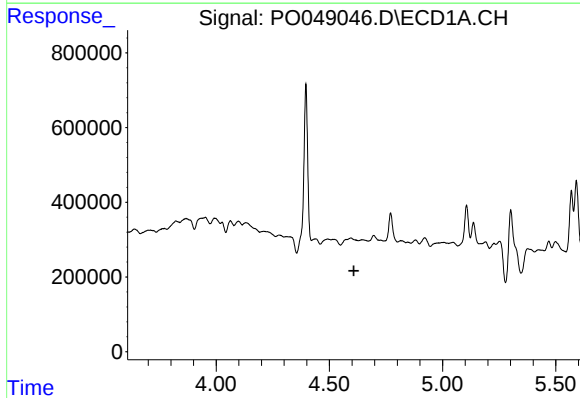
R.T.: 6.046 min
Delta R.T.: -0.002 min
Response: 2232692
Conc: 420.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



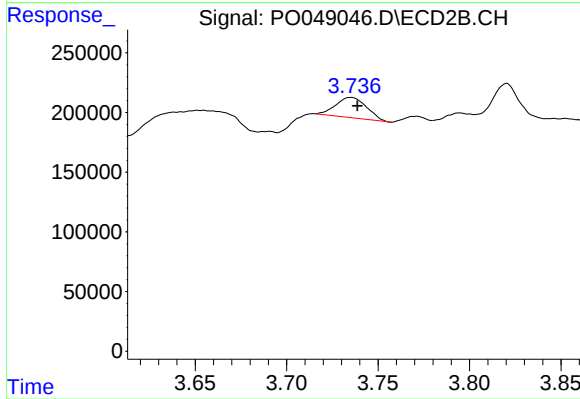
#7 AR-1016-5

R.T.: 5.036 min
Delta R.T.: -0.004 min
Response: 1347125
Conc: 194.18 ng/ml



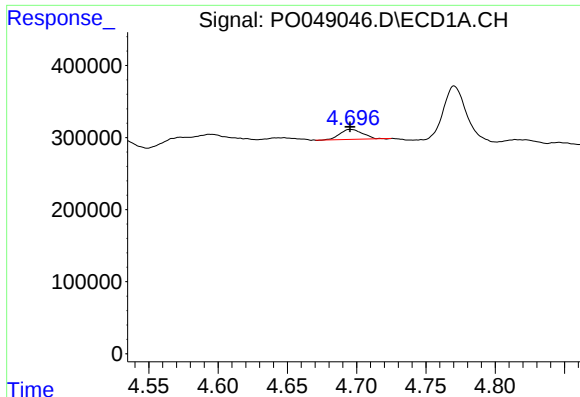
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.609 min
Response: 0
Conc: N.D.



#8 AR-1221-1

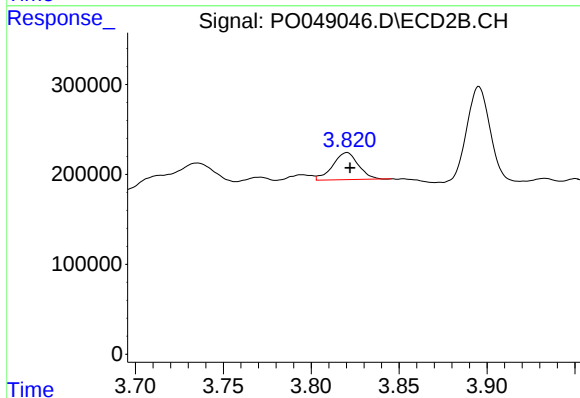
R.T.: 3.735 min
Delta R.T.: -0.003 min
Response: 199027
Conc: 98.01 ng/ml



#9 AR-1221-2

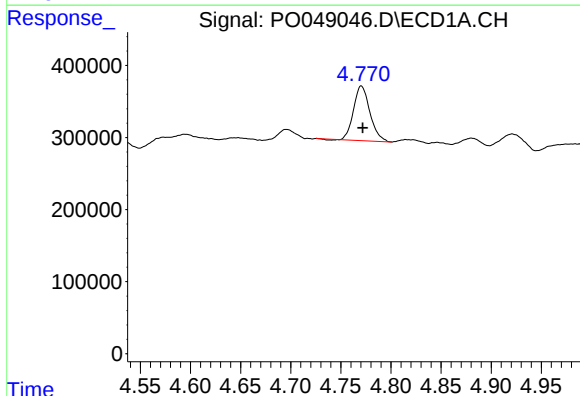
R.T.: 4.696 min
Delta R.T.: 0.000 min
Response: 155655
Conc: 113.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



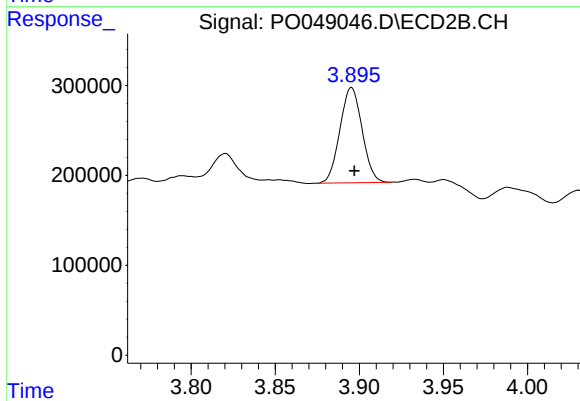
#9 AR-1221-2

R.T.: 3.820 min
Delta R.T.: -0.002 min
Response: 303579
Conc: 196.40 ng/ml



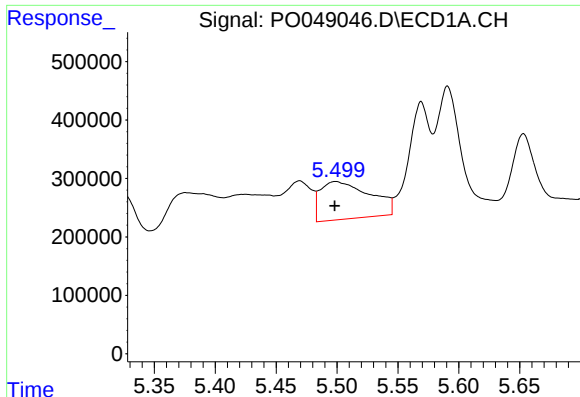
#10 AR-1221-3

R.T.: 4.770 min
Delta R.T.: -0.002 min
Response: 860939
Conc: 190.36 ng/ml



#10 AR-1221-3

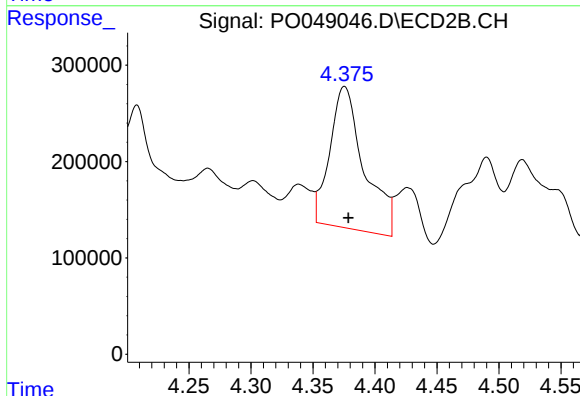
R.T.: 3.895 min
Delta R.T.: -0.002 min
Response: 972984
Conc: 204.13 ng/ml



#11 AR-1232-1

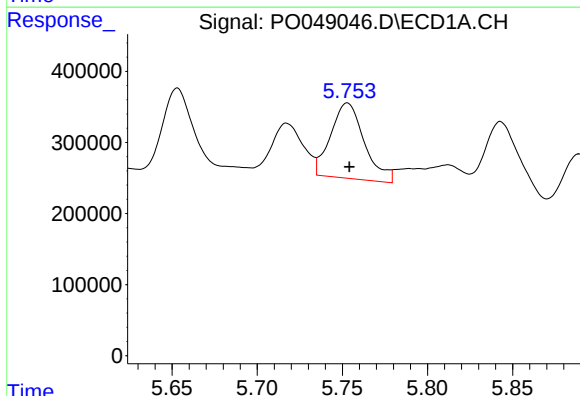
R.T.: 5.499 min
Delta R.T.: 0.000 min
Response: 1828170
Conc: 5049.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



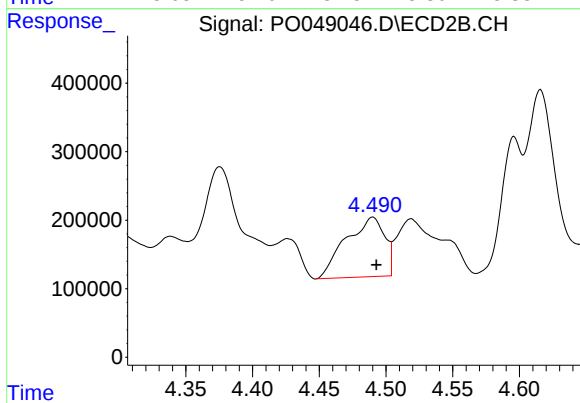
#11 AR-1232-1

R.T.: 4.375 min
Delta R.T.: -0.003 min
Response: 2830120
Conc: 1428.25 ng/ml



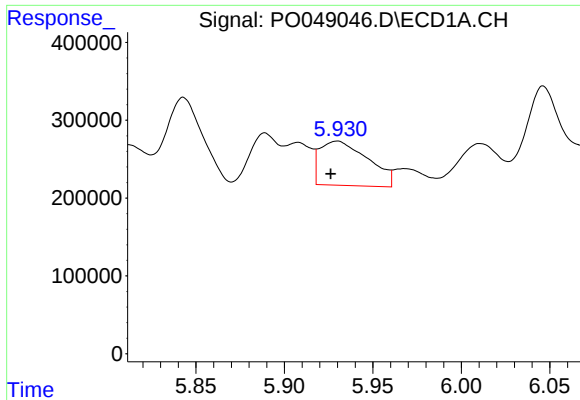
#12 AR-1232-2

R.T.: 5.753 min
Delta R.T.: -0.001 min
Response: 1463416
Conc: 762.18 ng/ml



#12 AR-1232-2

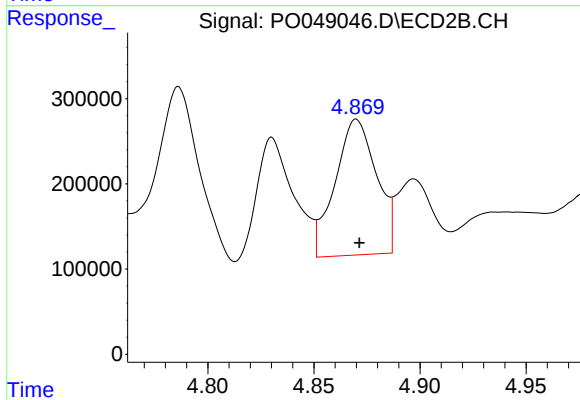
R.T.: 4.490 min
Delta R.T.: -0.003 min
Response: 1755719
Conc: 2592.99 ng/ml



#13 AR-1232-3

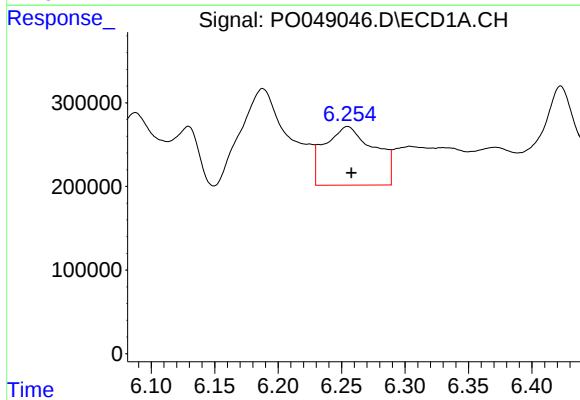
R.T.: 5.930 min
Delta R.T.: 0.004 min
Response: 1080039
Conc: 2002.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



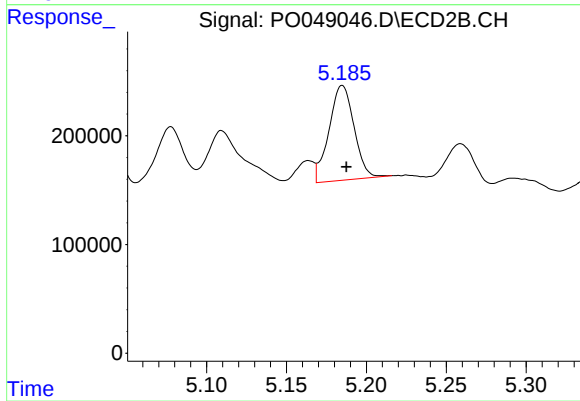
#13 AR-1232-3

R.T.: 4.870 min
Delta R.T.: -0.002 min
Response: 2165229
Conc: 1153.88 ng/ml



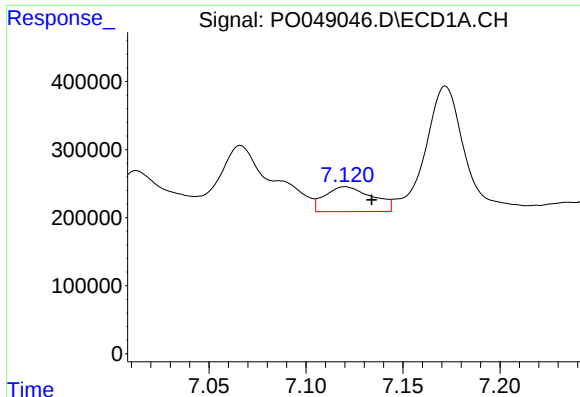
#14 AR-1232-4

R.T.: 6.255 min
Delta R.T.: -0.003 min
Response: 1909720
Conc: 3967.19 ng/ml



#14 AR-1232-4

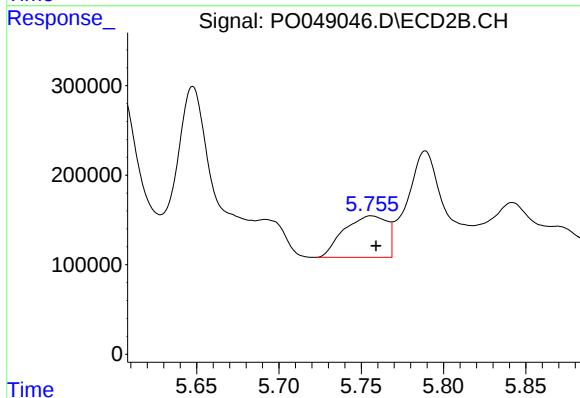
R.T.: 5.185 min
Delta R.T.: -0.003 min
Response: 951054
Conc: 453.54 ng/ml



#15 AR-1232-5

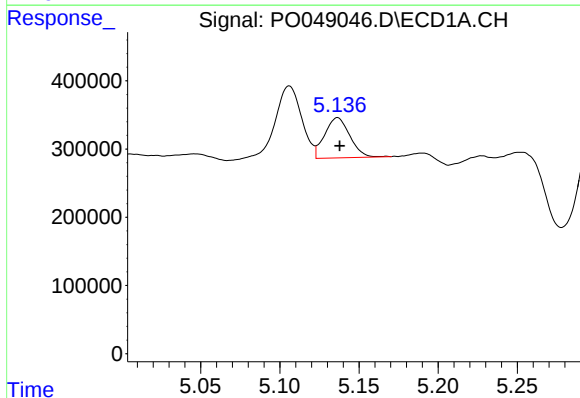
R.T.: 7.120 min
Delta R.T.: -0.014 min
Response: 623270
Conc: 2017.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



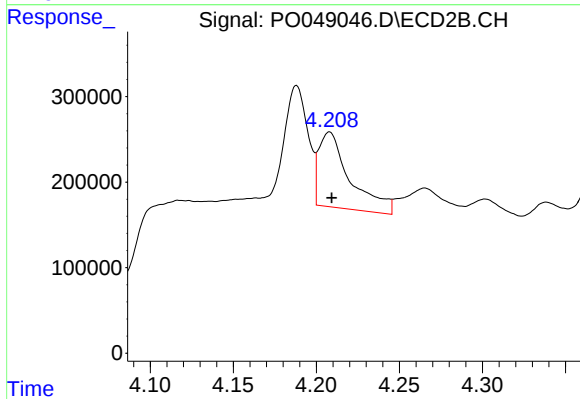
#15 AR-1232-5

R.T.: 5.756 min
Delta R.T.: -0.003 min
Response: 842639
Conc: 3308.92 ng/ml



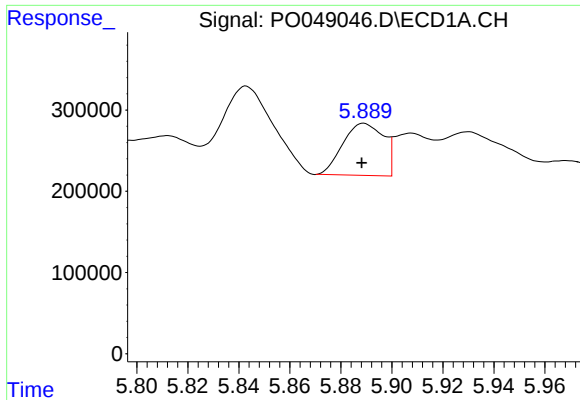
#16 AR-1242-1

R.T.: 5.137 min
Delta R.T.: -0.001 min
Response: 652236
Conc: 390.22 ng/ml



#16 AR-1242-1

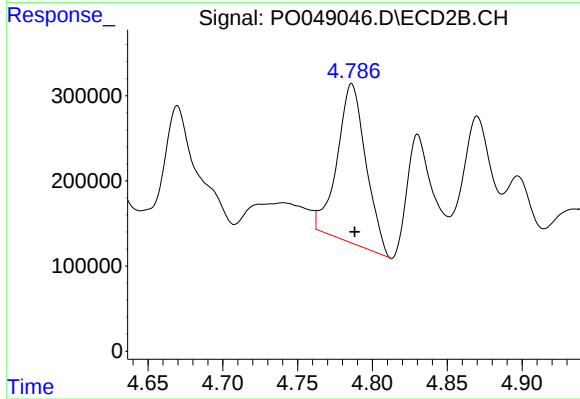
R.T.: 4.208 min
Delta R.T.: -0.001 min
Response: 1151945
Conc: 610.19 ng/ml



#17 AR-1242-2

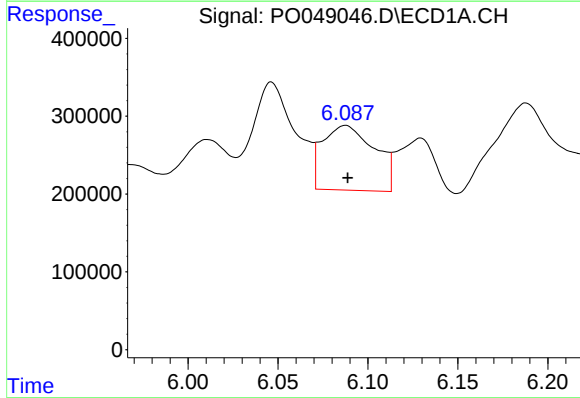
R.T.: 5.889 min
Delta R.T.: 0.000 min
Response: 712110
Conc: 218.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



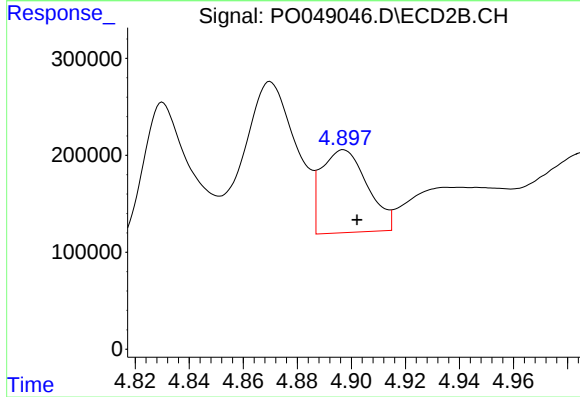
#17 AR-1242-2

R.T.: 4.786 min
Delta R.T.: -0.002 min
Response: 2499644
Conc: 601.00 ng/ml



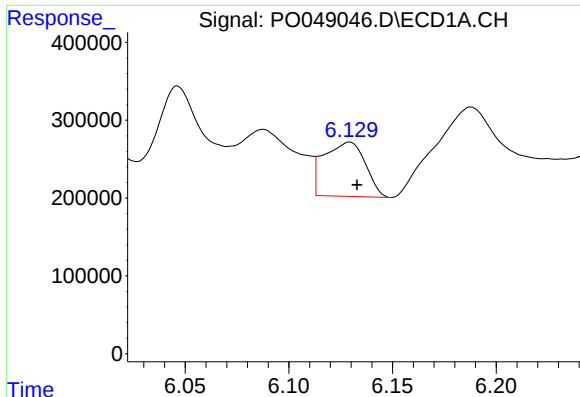
#18 AR-1242-3

R.T.: 6.088 min
Delta R.T.: -0.001 min
Response: 1669327
Conc: 1063.89 ng/ml



#18 AR-1242-3

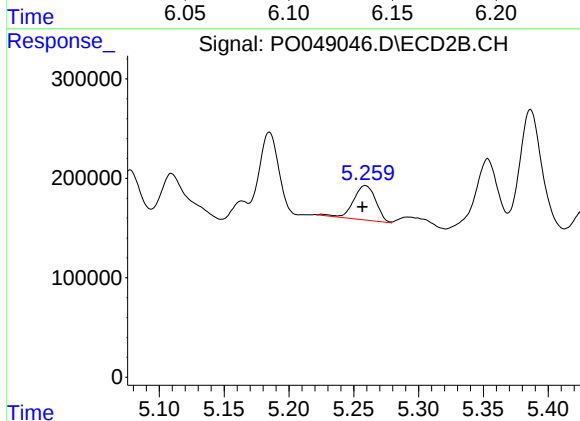
R.T.: 4.897 min
Delta R.T.: -0.005 min
Response: 1009200
Conc: 689.56 ng/ml



#19 AR-1242-4

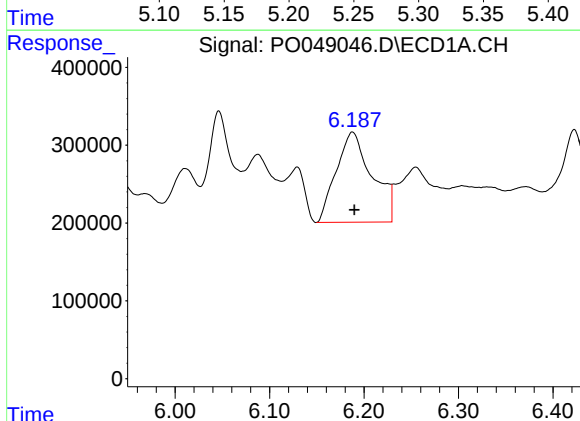
R.T.: 6.129 min
Delta R.T.: -0.004 min
Response: 968623
Conc: 805.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



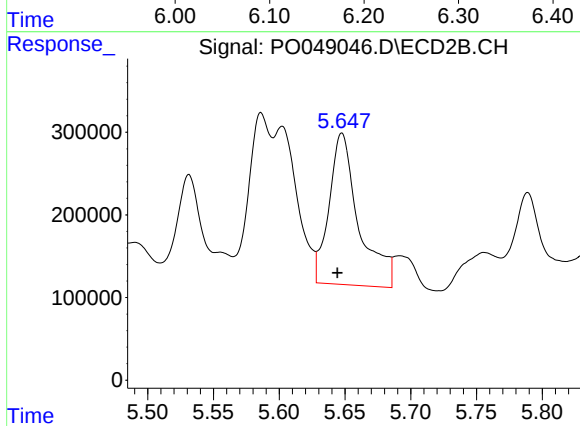
#19 AR-1242-4

R.T.: 5.259 min
Delta R.T.: 0.002 min
Response: 413755
Conc: 328.62 ng/ml



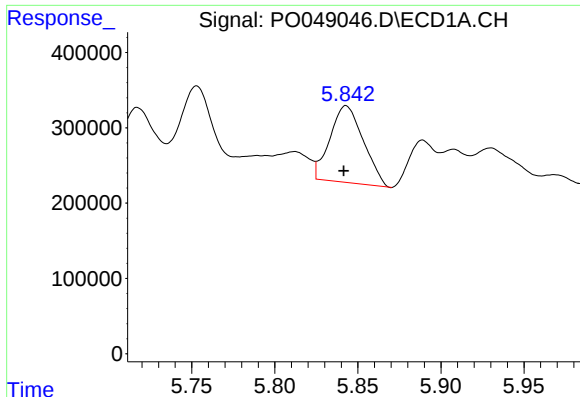
#20 AR-1242-5

R.T.: 6.188 min
Delta R.T.: -0.002 min
Response: 3068254
Conc: 706.47 ng/ml



#20 AR-1242-5

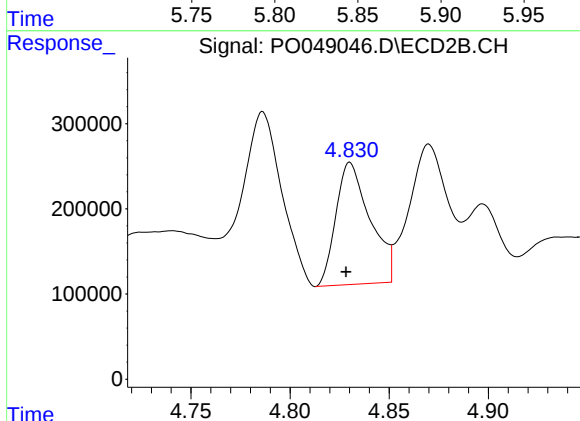
R.T.: 5.648 min
Delta R.T.: 0.003 min
Response: 2873755
Conc: 849.01 ng/ml



#21 AR-1248-1

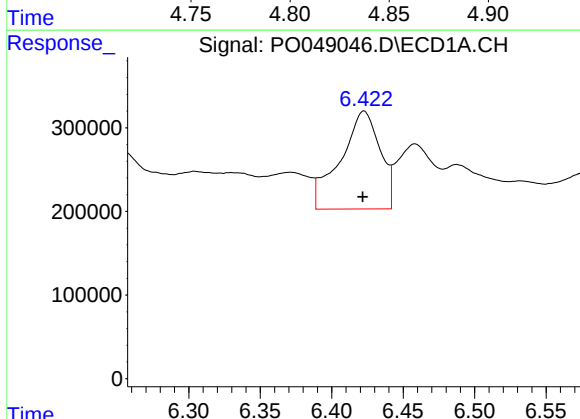
R.T.: 5.843 min
Delta R.T.: 0.001 min
Response: 1424650
Conc: 256.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



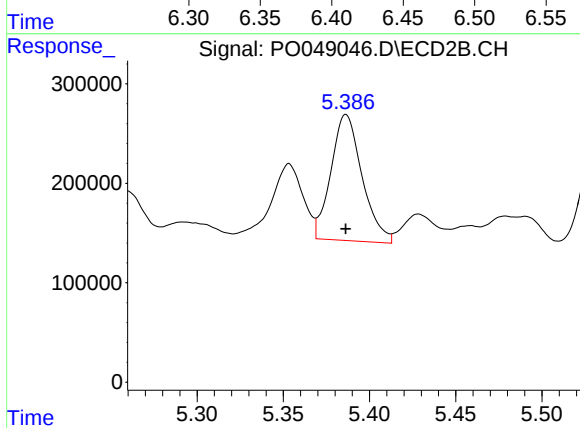
#21 AR-1248-1

R.T.: 4.830 min
Delta R.T.: 0.002 min
Response: 1714953
Conc: 255.70 ng/ml



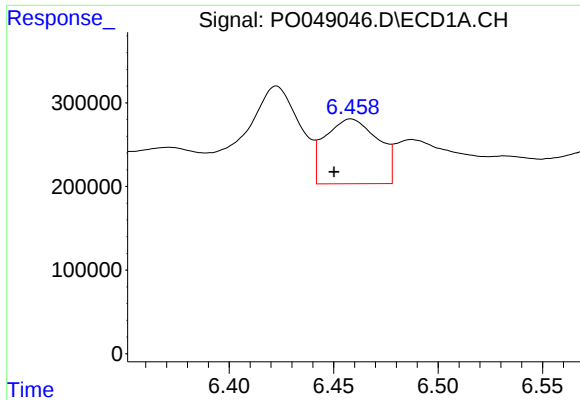
#22 AR-1248-2

R.T.: 6.423 min
Delta R.T.: 0.000 min
Response: 2268728
Conc: 372.85 ng/ml



#22 AR-1248-2

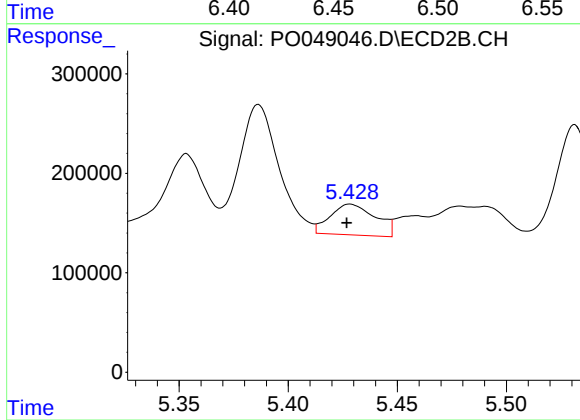
R.T.: 5.386 min
Delta R.T.: 0.000 min
Response: 1592218
Conc: 125.25 ng/ml



#23 AR-1248-3

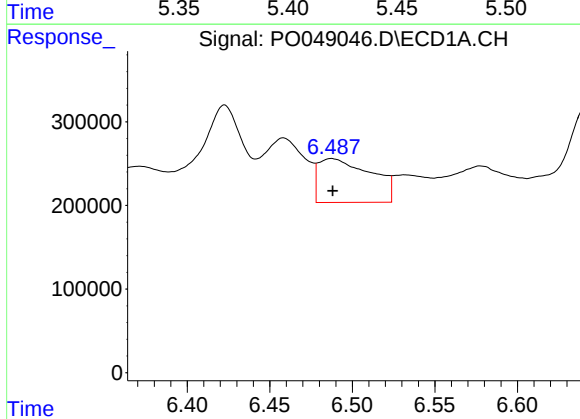
R.T.: 6.458 min
Delta R.T.: 0.008 min
Response: 1369044
Conc: 170.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



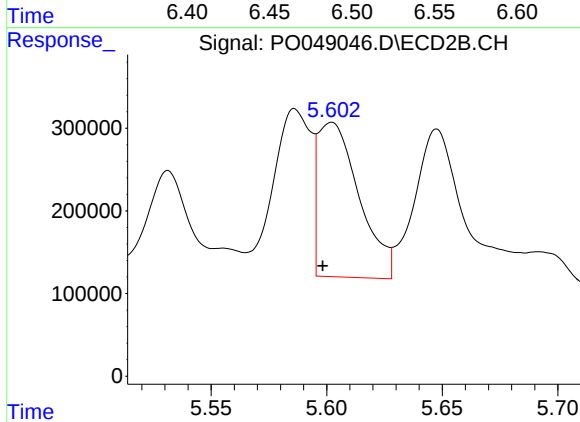
#23 AR-1248-3

R.T.: 5.428 min
Delta R.T.: 0.002 min
Response: 447057
Conc: 49.80 ng/ml



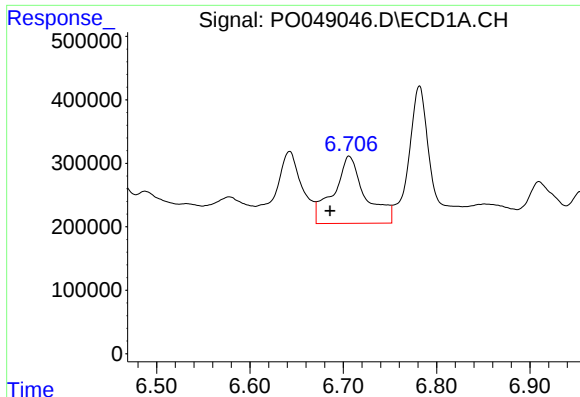
#24 AR-1248-4

R.T.: 6.487 min
Delta R.T.: 0.000 min
Response: 1161068
Conc: 151.41 ng/ml



#24 AR-1248-4

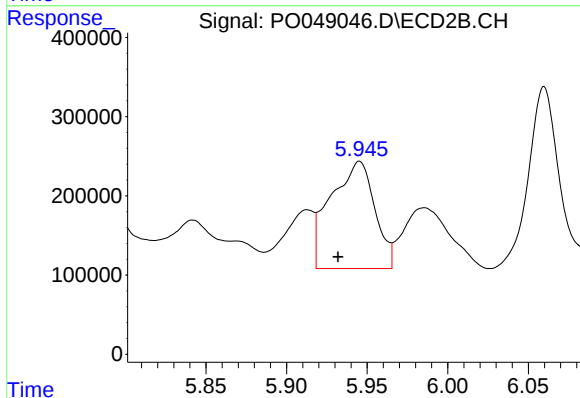
R.T.: 5.602 min
Delta R.T.: 0.004 min
Response: 2324026
Conc: 286.36 ng/ml



#25 AR-1248-5

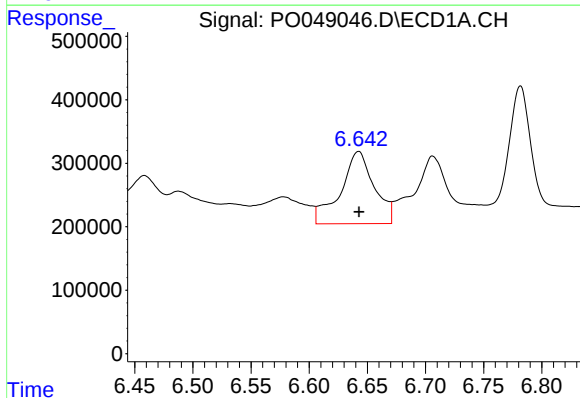
R.T.: 6.706 min
Delta R.T.: 0.020 min
Response: 2501278
Conc: 477.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



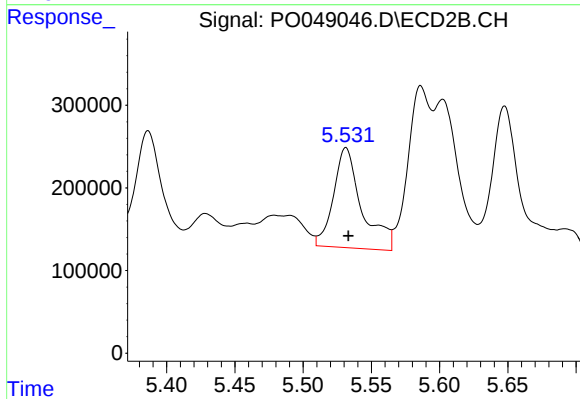
#25 AR-1248-5

R.T.: 5.945 min
Delta R.T.: 0.013 min
Response: 2569656
Conc: 409.72 ng/ml



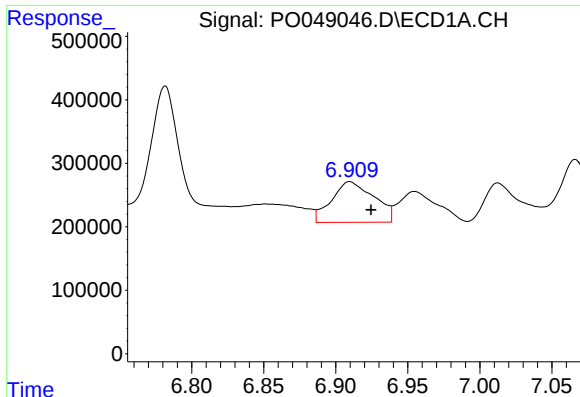
#26 AR-1254-1

R.T.: 6.642 min
Delta R.T.: 0.000 min
Response: 2293474
Conc: 147.24 ng/ml



#26 AR-1254-1

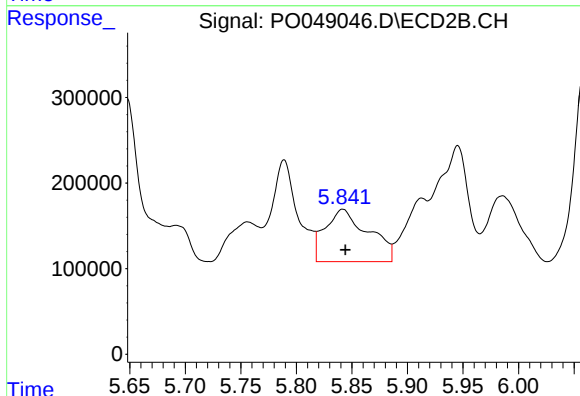
R.T.: 5.531 min
Delta R.T.: -0.002 min
Response: 1743072
Conc: 131.46 ng/ml



#27 AR-1254-2

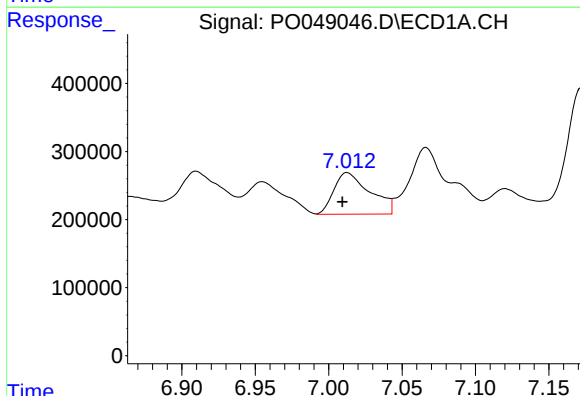
R.T.: 6.910 min
Delta R.T.: -0.015 min
Response: 1318708
Conc: 129.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



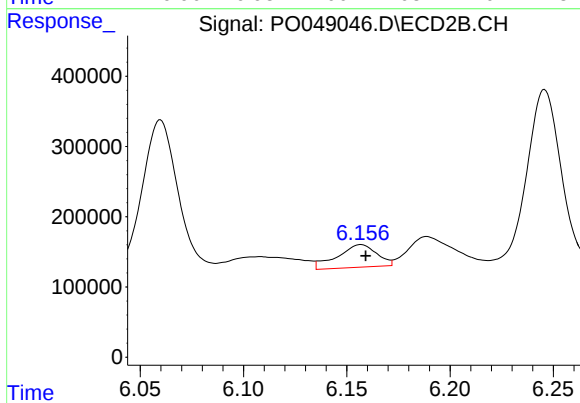
#27 AR-1254-2

R.T.: 5.842 min
Delta R.T.: -0.002 min
Response: 1657699
Conc: 142.03 ng/ml



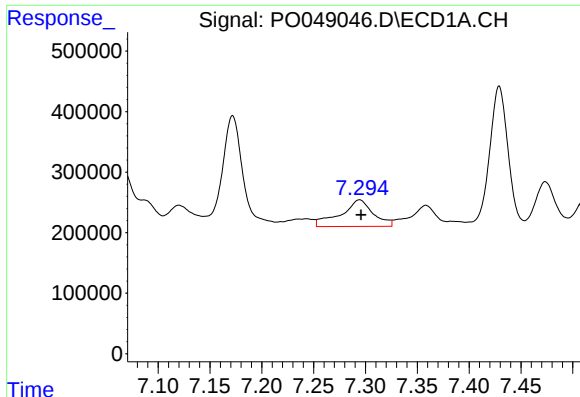
#28 AR-1254-3

R.T.: 7.013 min
Delta R.T.: 0.003 min
Response: 1046373
Conc: 58.40 ng/ml



#28 AR-1254-3

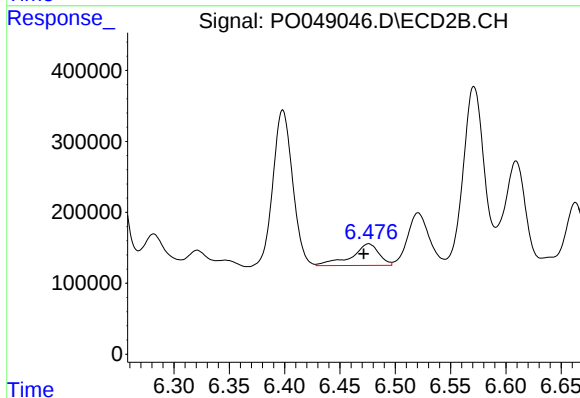
R.T.: 6.157 min
Delta R.T.: -0.002 min
Response: 426630
Conc: 28.89 ng/ml



#29 AR-1254-4

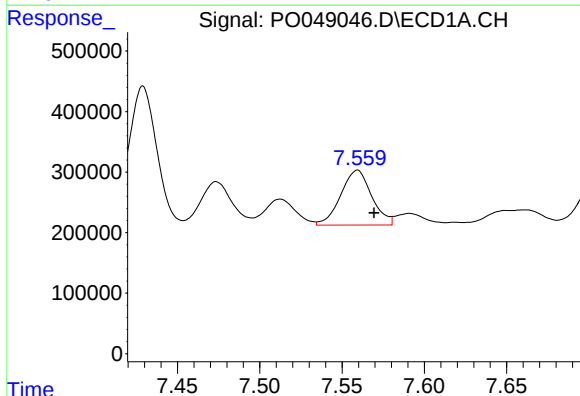
R.T.: 7.294 min
Delta R.T.: -0.002 min
Response: 964236
Conc: 69.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



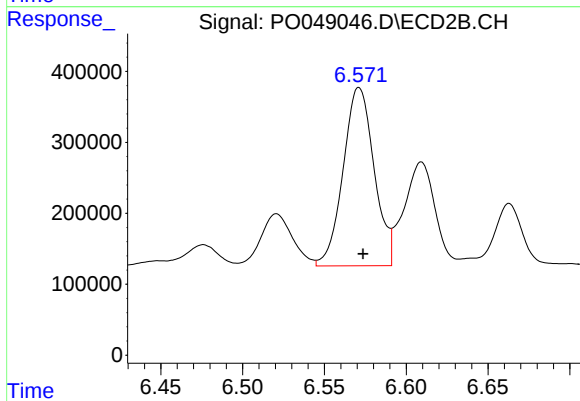
#29 AR-1254-4

R.T.: 6.476 min
Delta R.T.: 0.005 min
Response: 525788
Conc: 47.05 ng/ml



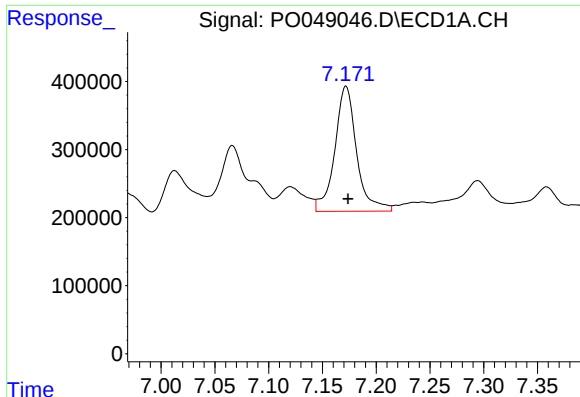
#30 AR-1254-5

R.T.: 7.559 min
Delta R.T.: -0.010 min
Response: 1188620
Conc: 117.75 ng/ml



#30 AR-1254-5

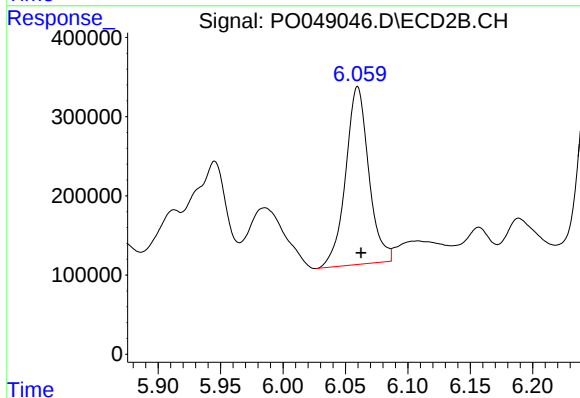
R.T.: 6.571 min
Delta R.T.: -0.002 min
Response: 3314800
Conc: 158.35 ng/ml



#31 AR-1260-1

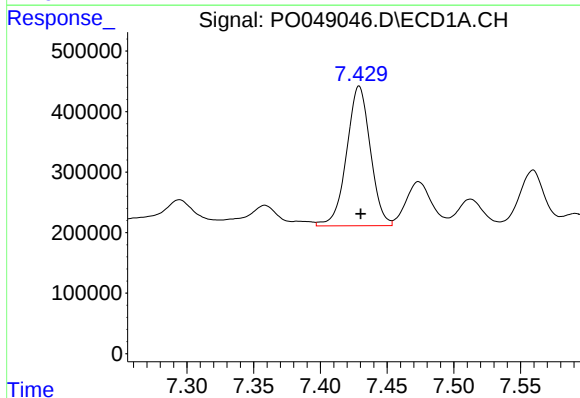
R.T.: 7.172 min
Delta R.T.: -0.002 min
Response: 2601022
Conc: 208.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



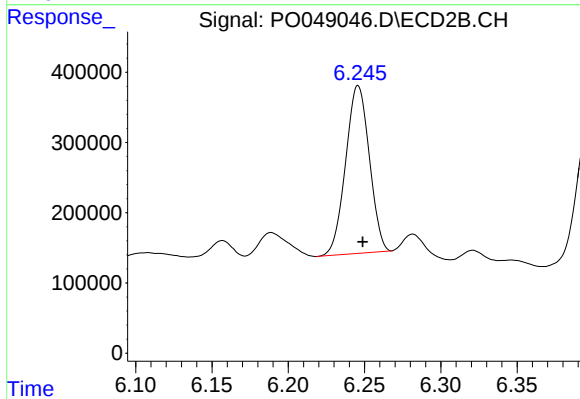
#31 AR-1260-1

R.T.: 6.060 min
Delta R.T.: -0.003 min
Response: 2899192
Conc: 213.71 ng/ml



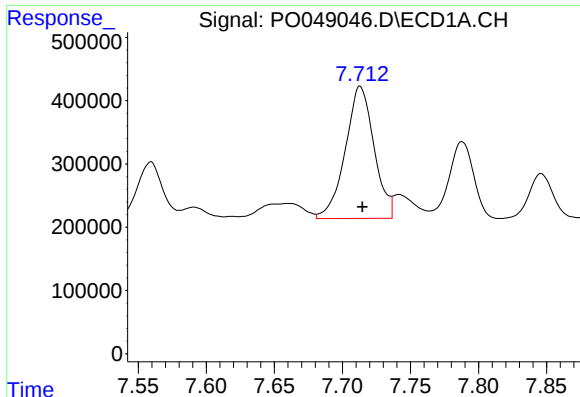
#32 AR-1260-2

R.T.: 7.429 min
Delta R.T.: -0.001 min
Response: 2853369
Conc: 205.65 ng/ml



#32 AR-1260-2

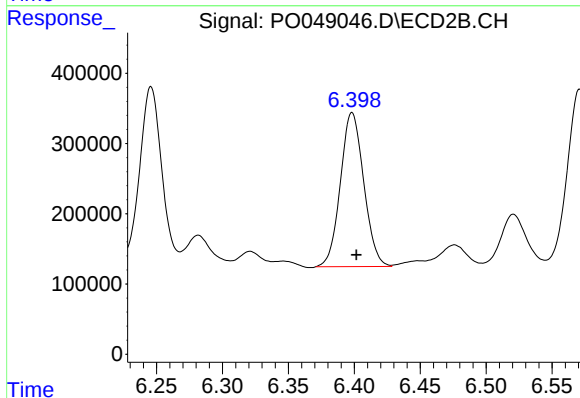
R.T.: 6.246 min
Delta R.T.: -0.003 min
Response: 2580932
Conc: 152.17 ng/ml



#33 AR-1260-3

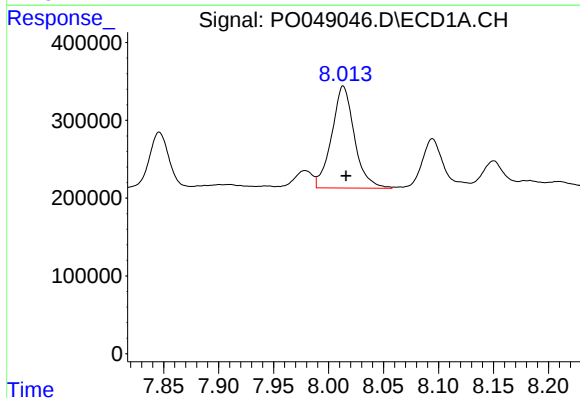
R.T.: 7.713 min
Delta R.T.: -0.002 min
Response: 3074437
Conc: 204.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



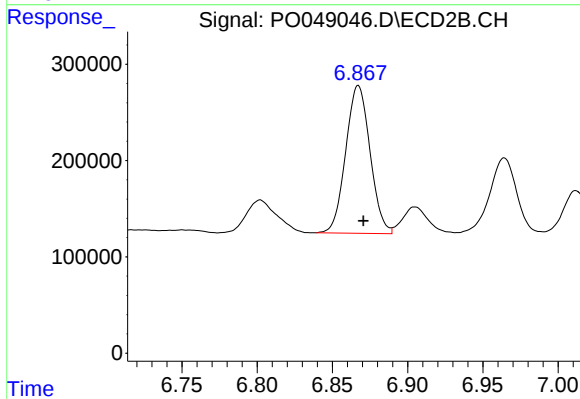
#33 AR-1260-3

R.T.: 6.398 min
Delta R.T.: -0.003 min
Response: 2705152
Conc: 168.34 ng/ml



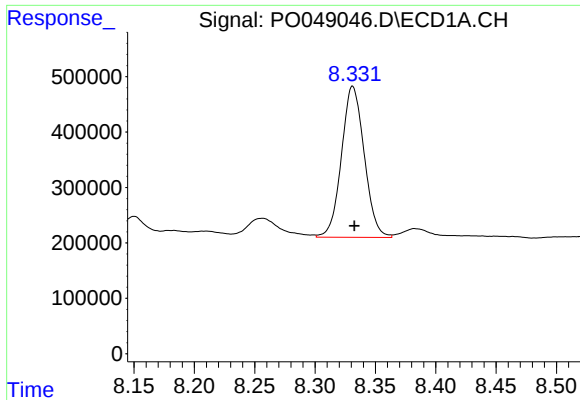
#34 AR-1260-4

R.T.: 8.013 min
Delta R.T.: -0.002 min
Response: 1886641
Conc: 188.55 ng/ml



#34 AR-1260-4

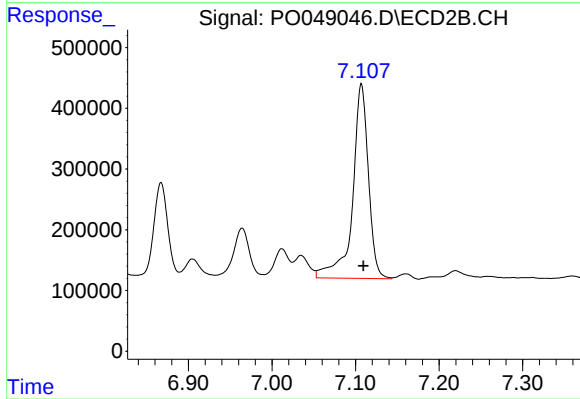
R.T.: 6.867 min
Delta R.T.: -0.003 min
Response: 1727747
Conc: 129.86 ng/ml



#35 AR-1260-5

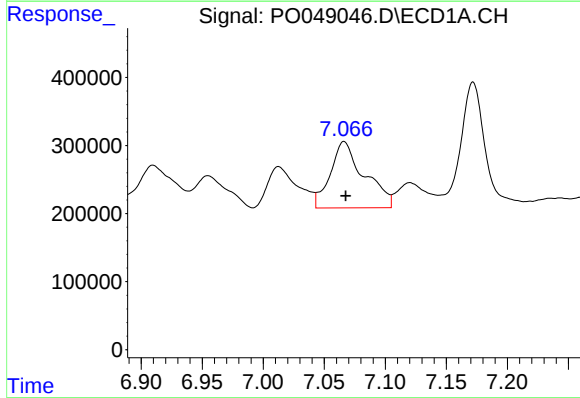
R.T.: 8.331 min
Delta R.T.: -0.001 min
Response: 3581048
Conc: 176.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



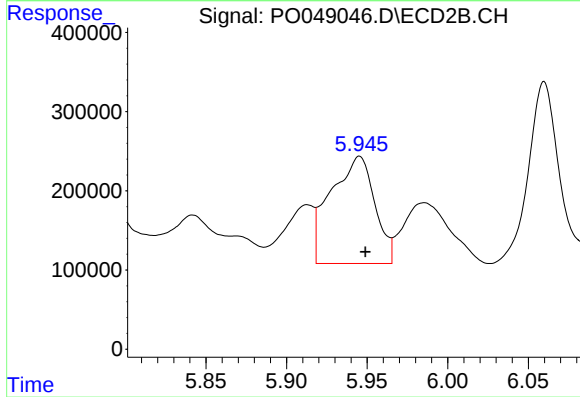
#35 AR-1260-5

R.T.: 7.107 min
Delta R.T.: -0.002 min
Response: 4223060
Conc: 137.37 ng/ml



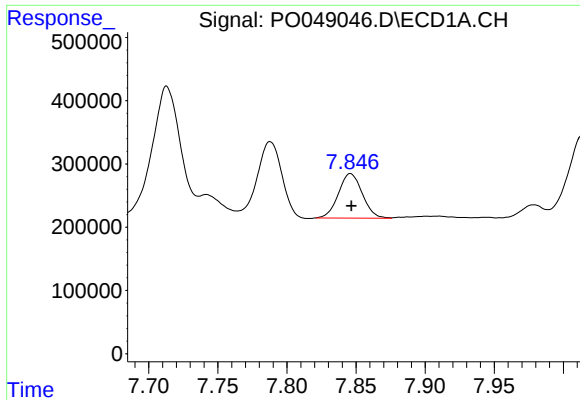
#36 AR-1262-1

R.T.: 7.066 min
Delta R.T.: -0.001 min
Response: 1889135
Conc: 287.19 ng/ml



#36 AR-1262-1

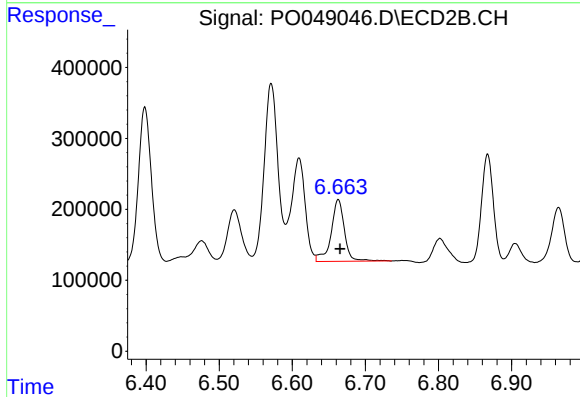
R.T.: 5.945 min
Delta R.T.: -0.004 min
Response: 2569656
Conc: 342.99 ng/ml



#37 AR-1262-2

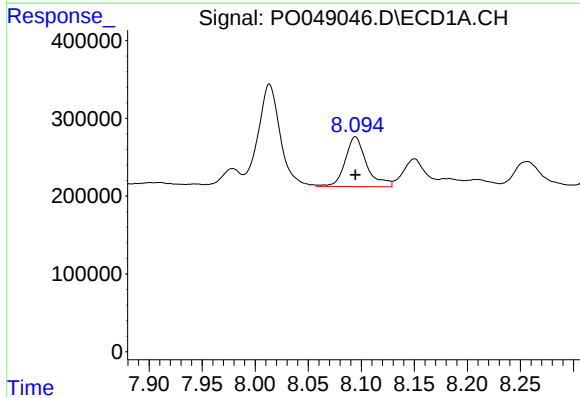
R.T.: 7.846 min
Delta R.T.: 0.000 min
Response: 842366
Conc: 163.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



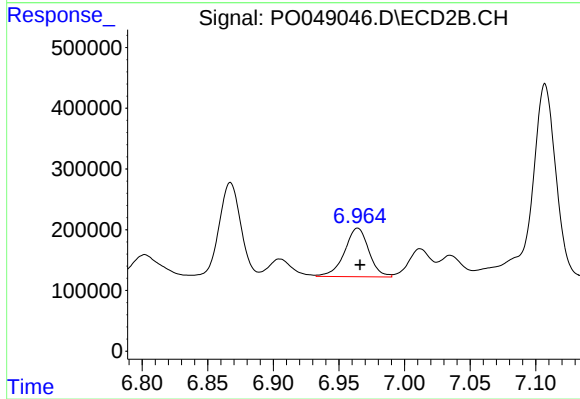
#37 AR-1262-2

R.T.: 6.663 min
Delta R.T.: -0.002 min
Response: 1110311
Conc: 147.28 ng/ml



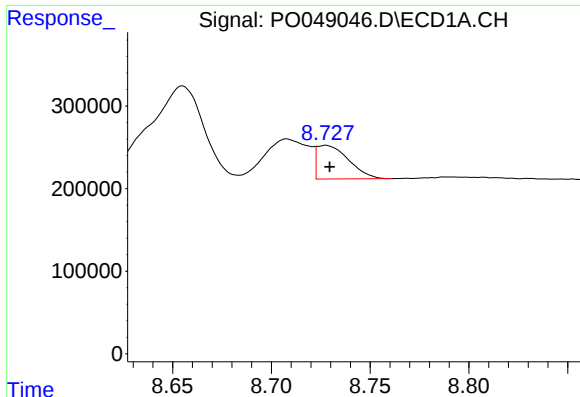
#38 AR-1262-3

R.T.: 8.094 min
Delta R.T.: 0.000 min
Response: 901948
Conc: 177.37 ng/ml



#38 AR-1262-3

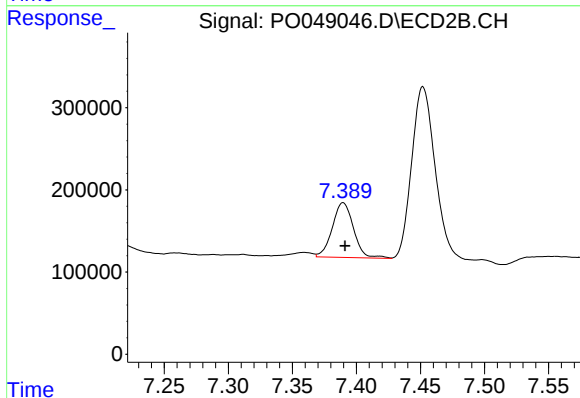
R.T.: 6.964 min
Delta R.T.: -0.002 min
Response: 1032670
Conc: 125.67 ng/ml



#39 AR-1262-4

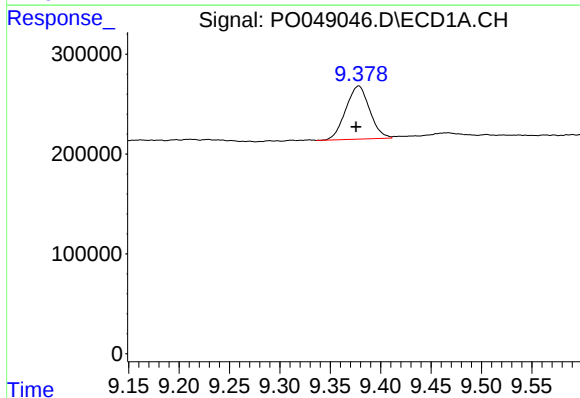
R.T.: 8.727 min
Delta R.T.: -0.002 min
Response: 451828
Conc: 41.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



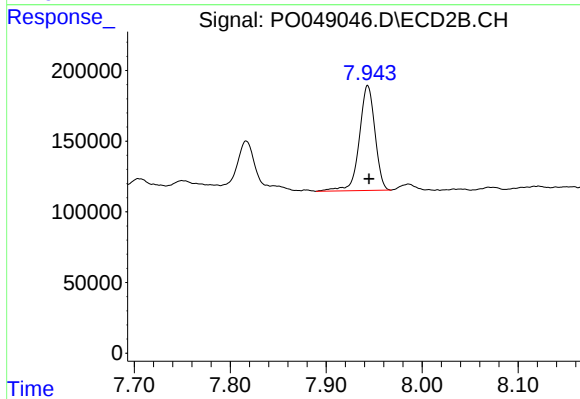
#39 AR-1262-4

R.T.: 7.390 min
Delta R.T.: -0.002 min
Response: 767326
Conc: 62.09 ng/ml



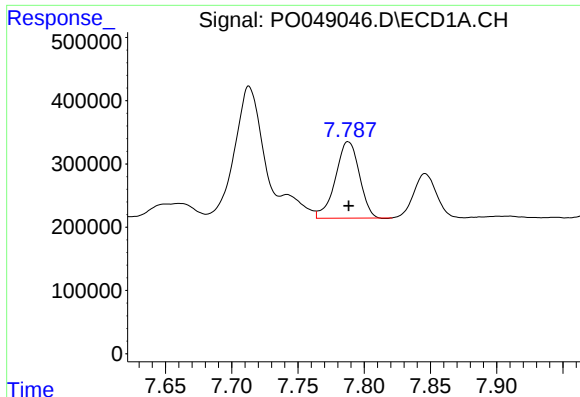
#40 AR-1262-5

R.T.: 9.378 min
Delta R.T.: 0.002 min
Response: 874981
Conc: 107.04 ng/ml



#40 AR-1262-5

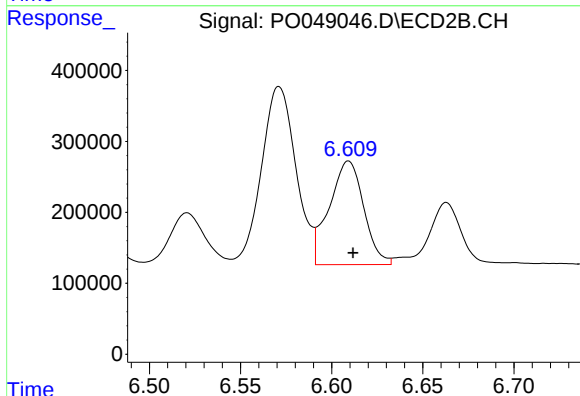
R.T.: 7.943 min
Delta R.T.: -0.001 min
Response: 849012
Conc: 83.56 ng/ml



#41 AR-1268-1

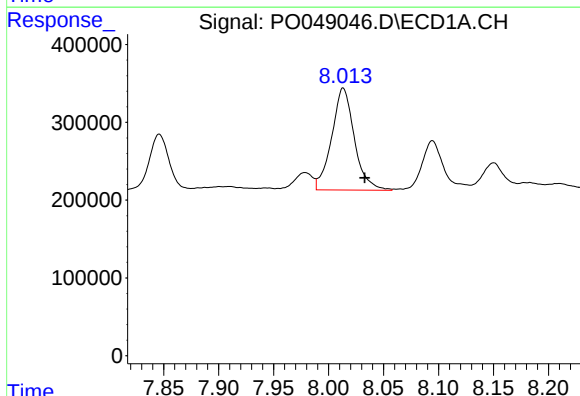
R.T.: 7.788 min
Delta R.T.: 0.000 min
Response: 1489711
Conc: 291.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



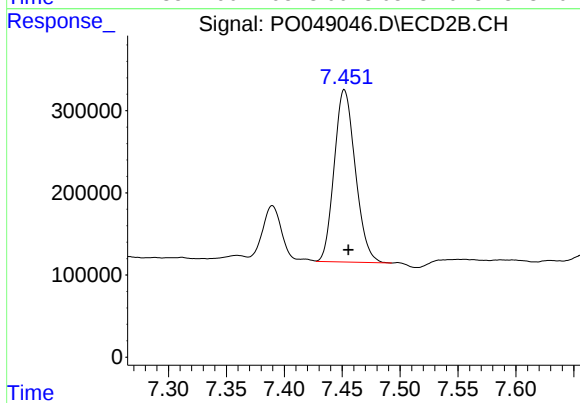
#41 AR-1268-1

R.T.: 6.609 min
Delta R.T.: -0.003 min
Response: 1928796
Conc: 254.24 ng/ml



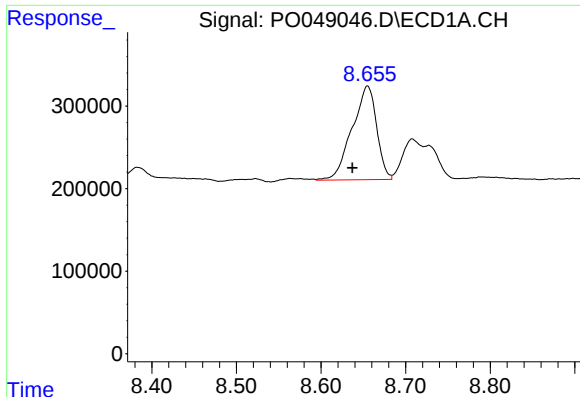
#42 AR-1268-2

R.T.: 8.013 min
Delta R.T.: -0.019 min
Response: 1886641
Conc: 308.36 ng/ml



#42 AR-1268-2

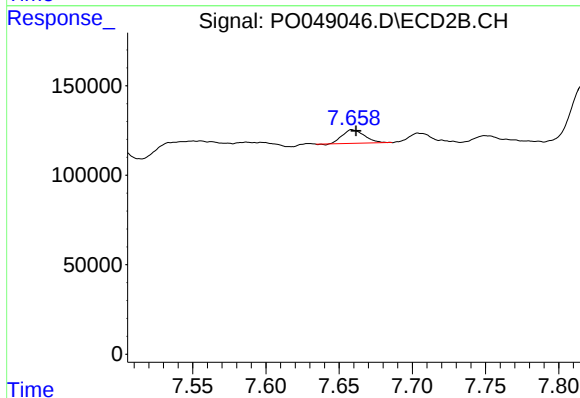
R.T.: 7.452 min
Delta R.T.: -0.003 min
Response: 2661323
Conc: 80.02 ng/ml



#43 AR-1268-3

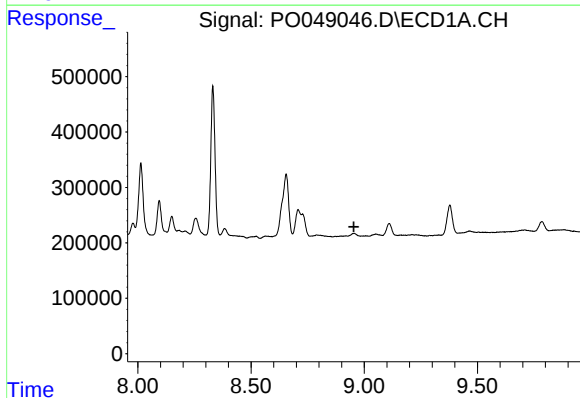
R.T.: 8.655 min
Delta R.T.: 0.018 min
Response: 2286873
Conc: 87.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



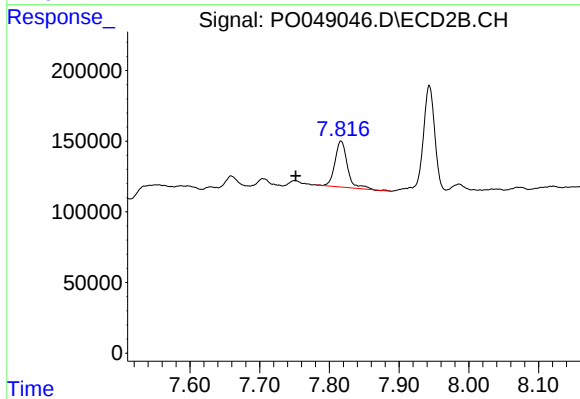
#43 AR-1268-3

R.T.: 7.659 min
Delta R.T.: -0.002 min
Response: 79077
Conc: 2.90 ng/ml



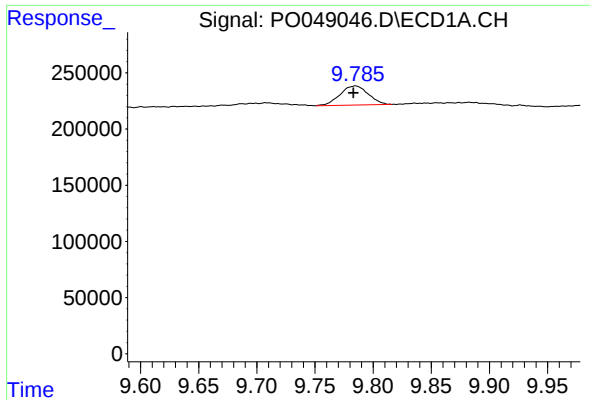
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 8.954 min
Response: 0
Conc: N.D.



#44 AR-1268-4

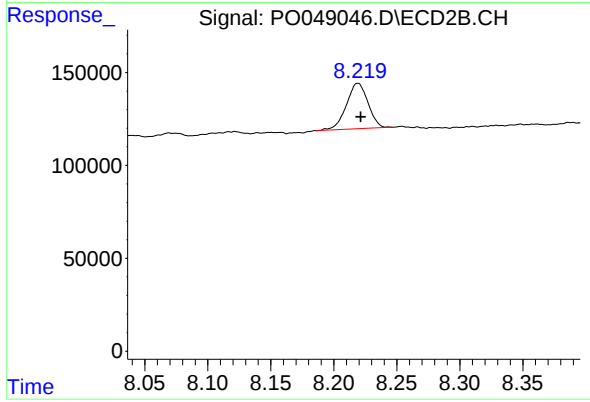
R.T.: 7.817 min
Delta R.T.: 0.065 min
Response: 404807
Conc: 52.26 ng/ml



#45 AR-1268-5

R.T.: 9.785 min
Delta R.T.: 0.002 min
Response: 287856
Conc: 3.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.219 min
Delta R.T.: -0.002 min
Response: 291056
Conc: 4.10 ng/ml