

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP072921\
 Data File : PP037778.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 29 Jul 2021 9:34
 Operator : DD\AJ
 Sample : AR160CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 30 02:03:08 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070621.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jul 07 08:32:32 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...	4.954	3.944	2375488	1371150	52.267	50.107
2)	SA Decachlor...	10.980	9.233	2154995	1181770	46.812	42.456
Target Compounds							
3)	L1 AR-1016-1	6.273	5.192	875882	490553	504.043	474.697
4)	L1 AR-1016-2	6.298	5.212	1253307	683257	501.304	477.218
5)	L1 AR-1016-3	6.363	5.402	786633	373211	493.902	477.678
6)	L1 AR-1016-4	6.470	5.456	660609	285678	500.998	473.299
7)	L1 AR-1016-5	6.784	5.683	632834	367813	500.260	476.322
8)	L2 AR-1221-1	5.198	4.197	84808	48772	159.902	159.689
9)	L2 AR-1221-2	5.302	4.297	131727	70582	325.145	299.821
10)	L2 AR-1221-3	5.390	4.384	487009	277825	399.699	373.530
11)	L3 AR-1232-1	5.390	4.384	487009	277825	438.308	409.188
12)	L3 AR-1232-2	5.978	5.212	642755	683257	1077.953	1091.618
13)	L3 AR-1232-3	6.298	5.402	1253307	373211	1145.350	1124.085
14)	L3 AR-1232-4	6.470	5.500	660609	382552	1137.855	1387.514
15)	L3 AR-1232-5	6.568	5.683	513681	367813	1335.669	1237.300
16)	L4 AR-1242-1	6.273	5.212	875882	683257	687.134	906.539 #
17)	L4 AR-1242-2	6.298	5.212	1253307	683257	691.243	664.020
18)	L4 AR-1242-3	6.363	5.402	786633	373211	683.931	655.426
19)	L4 AR-1242-4	6.470	5.500	660609	382552	690.074	742.276
20)	L4 AR-1242-5	7.253	6.062	107372	262035	103.246	384.962 #
21)	L5 AR-1248-1	6.273	5.192	875882	490553	834.512	777.338
22)	L5 AR-1248-2	6.568	5.456	513681	285678	346.018	348.273
23)	L5 AR-1248-3	6.784	5.500	632834	382552	383.117	447.025
24)	L5 AR-1248-4	7.213	5.683	130950	367813	69.282	361.425 #
25)	L5 AR-1248-5	7.253	6.105	107372	45861	57.369	43.235
26)	L6 AR-1254-1	7.182	6.062	431500	262035	240.190	176.505 #
27)	L6 AR-1254-2	7.411	6.223	472514	236222	169.867	181.848
28)	L6 AR-1254-3	7.793	6.662	287791	314150	93.347	147.210 #
29)	L6 AR-1254-4	8.088	6.882	200415	70069	88.232	51.646 #
30)	L6 AR-1254-5	8.517	7.311	1423229	855937	568.747	456.588
31)	L7 AR-1260-1	7.960	6.779	989313	624174	449.395	451.707
32)	L7 AR-1260-2	8.226	6.979	1187180	748606	426.771	445.617
33)	L7 AR-1260-3	8.590	7.132	944609	702463	467.356	409.980
34)	L7 AR-1260-4	8.822	7.615	1107124	601152	450.084	442.177
35)	L7 AR-1260-5	9.150	7.865	2131488	1413253	461.921	438.160
36)	L8 AR-1262-1	8.590	7.311	944609	855937	324.329	824.292 #
37)	L8 AR-1262-2	9.150	7.865	2131488	1413253	405.864	406.265
38)	L8 AR-1262-3	9.463	8.151	479723	327573	125.201	232.659 #
39)	L8 AR-1262-4	9.538f	8.214	937991	1058306	319.216	397.412
40)	L8 AR-1262-5	10.226	8.714	718409	398649	337.866	315.387
41)	L9 AR-1268-1	9.463	8.151	479723	327573	78.996	82.200

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 Acq On : 29 Jul 2021 9:34
 Operator : DD\AJ
 Sample : AR160CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

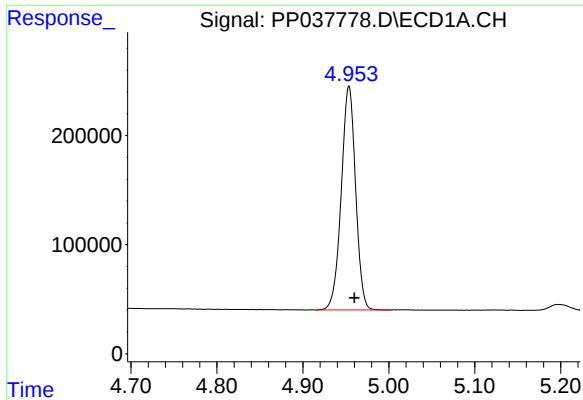
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 30 02:03:08 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070621.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	9.538f	8.214	937991	1058306	163.198	285.940 #
43) L9	AR-1268-3	9.786	8.424	35313	17860	7.202	5.686
44) L9	AR-1268-4	10.226	8.714	718409	398649	314.030	290.882
45) L9	AR-1268-5	10.642	8.991	216745	109133	13.689	10.603

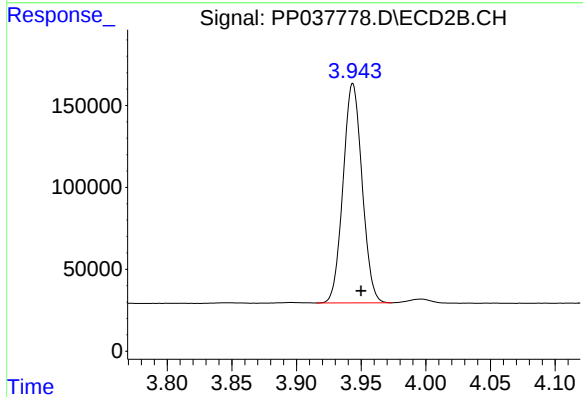
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

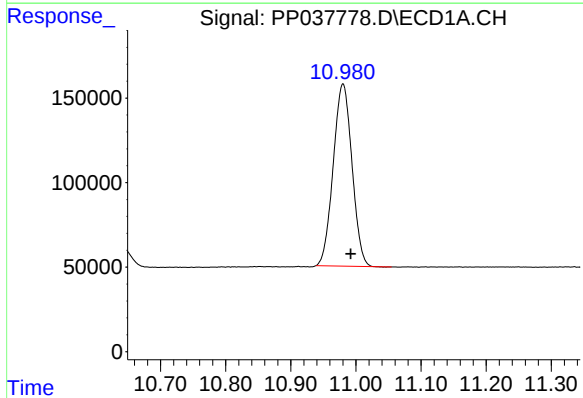
R.T.: 4.954 min
Delta R.T.: -0.006 min
Response: 2375488
Conc: 52.27 ng/ml

Instrument :
ECD_P
ClientSampleId :



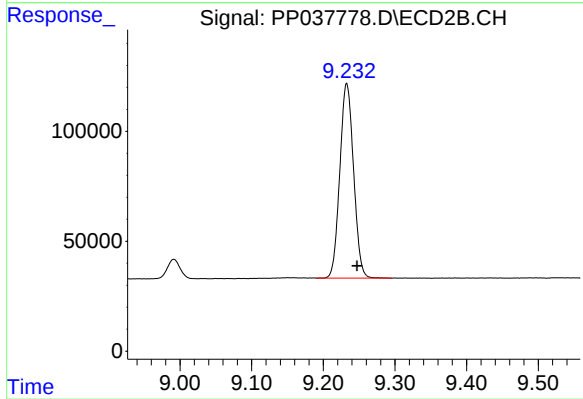
#1 Tetrachloro-m-xylene

R.T.: 3.944 min
Delta R.T.: -0.006 min
Response: 1371150
Conc: 50.11 ng/ml



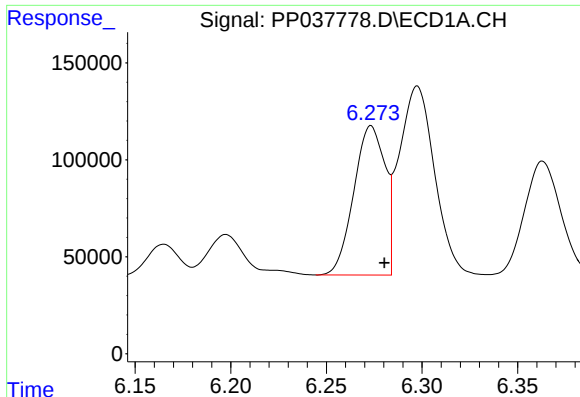
#2 Decachlorobiphenyl

R.T.: 10.980 min
Delta R.T.: -0.012 min
Response: 2154995
Conc: 46.81 ng/ml



#2 Decachlorobiphenyl

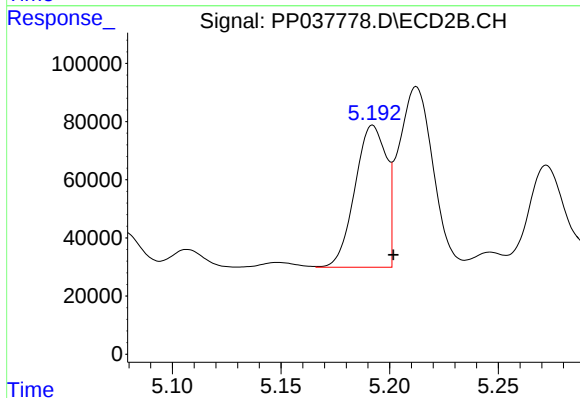
R.T.: 9.233 min
Delta R.T.: -0.015 min
Response: 1181770
Conc: 42.46 ng/ml



#3 AR-1016-1

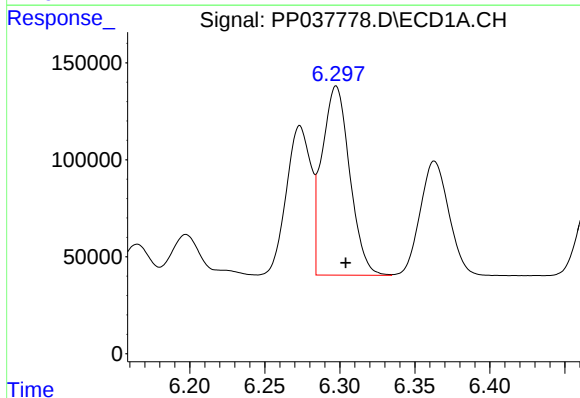
R.T.: 6.273 min
Delta R.T.: -0.007 min
Response: 875882
Conc: 504.04 ng/ml

Instrument :
ECD_P
ClientSampleId :



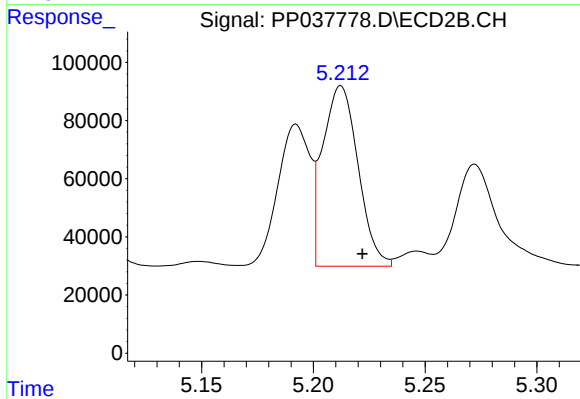
#3 AR-1016-1

R.T.: 5.192 min
Delta R.T.: -0.010 min
Response: 490553
Conc: 474.70 ng/ml



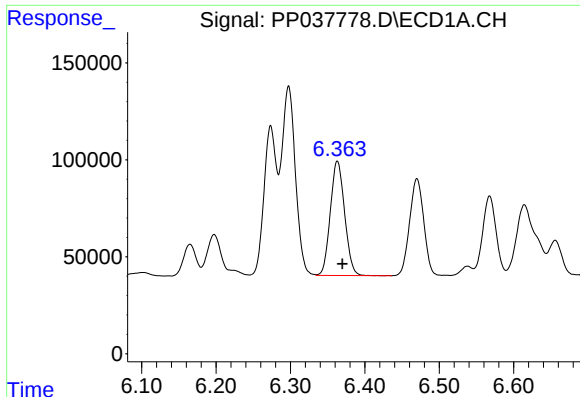
#4 AR-1016-2

R.T.: 6.298 min
Delta R.T.: -0.006 min
Response: 1253307
Conc: 501.30 ng/ml



#4 AR-1016-2

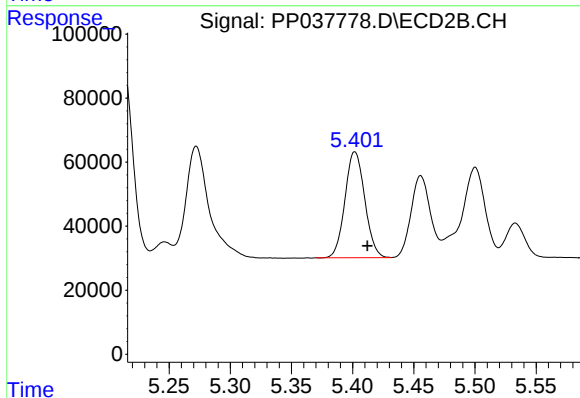
R.T.: 5.212 min
Delta R.T.: -0.010 min
Response: 683257
Conc: 477.22 ng/ml



#5 AR-1016-3

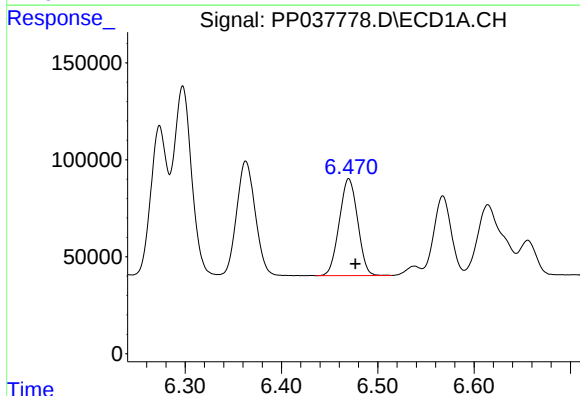
R.T.: 6.363 min
Delta R.T.: -0.007 min
Response: 786633
Conc: 493.90 ng/ml

Instrument :
ECD_P
ClientSampleId :



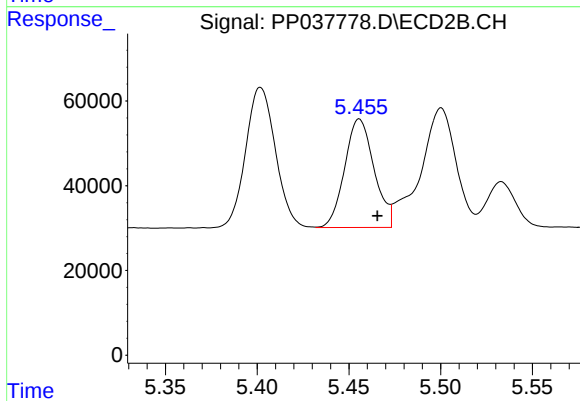
#5 AR-1016-3

R.T.: 5.402 min
Delta R.T.: -0.010 min
Response: 373211
Conc: 477.68 ng/ml



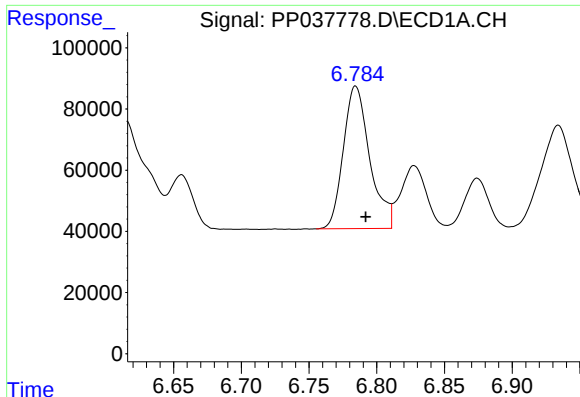
#6 AR-1016-4

R.T.: 6.470 min
Delta R.T.: -0.007 min
Response: 660609
Conc: 501.00 ng/ml



#6 AR-1016-4

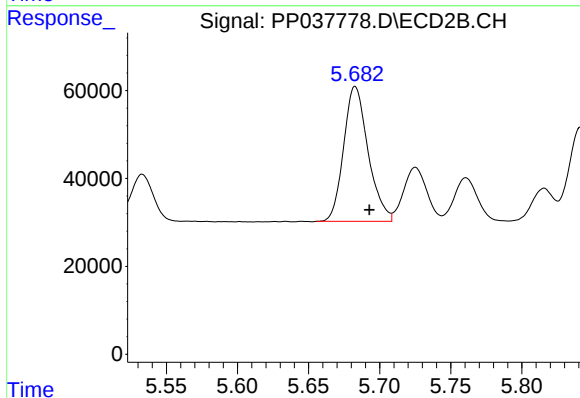
R.T.: 5.456 min
Delta R.T.: -0.010 min
Response: 285678
Conc: 473.30 ng/ml



#7 AR-1016-5

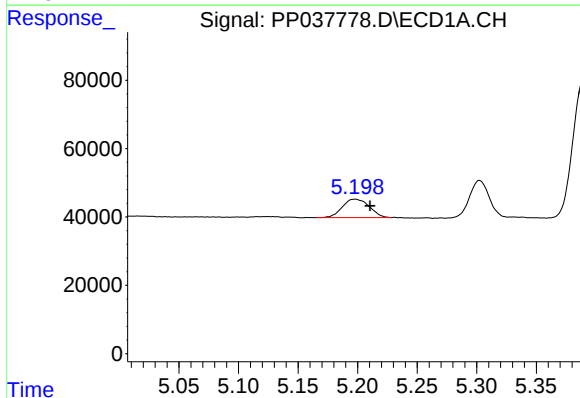
R.T.: 6.784 min
Delta R.T.: -0.007 min
Response: 632834
Conc: 500.26 ng/ml

Instrument :
ECD_P
ClientSampleId :



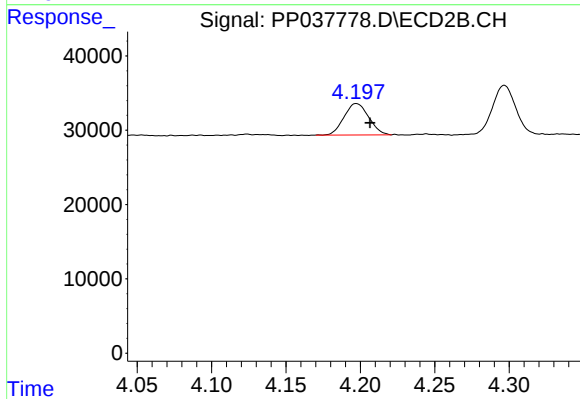
#7 AR-1016-5

R.T.: 5.683 min
Delta R.T.: -0.010 min
Response: 367813
Conc: 476.32 ng/ml



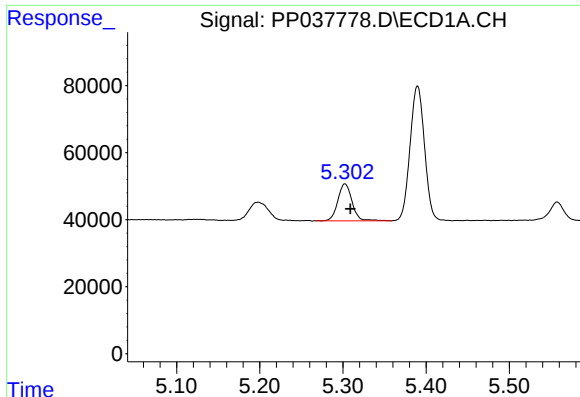
#8 AR-1221-1

R.T.: 5.198 min
Delta R.T.: -0.012 min
Response: 84808
Conc: 159.90 ng/ml



#8 AR-1221-1

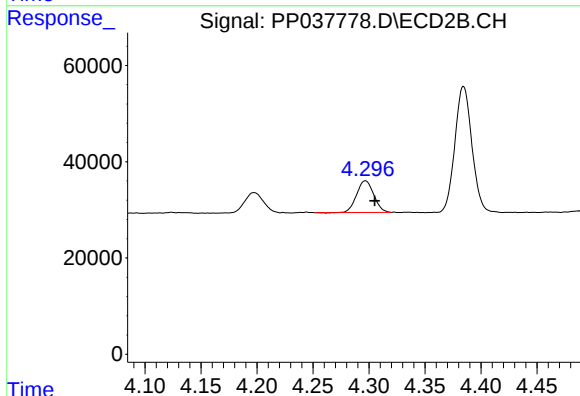
R.T.: 4.197 min
Delta R.T.: -0.009 min
Response: 48772
Conc: 159.69 ng/ml



#9 AR-1221-2

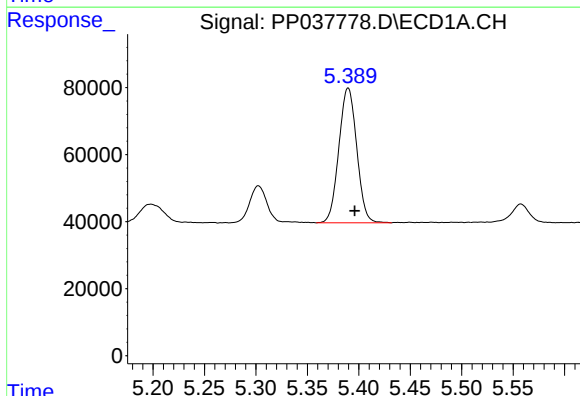
R.T.: 5.302 min
Delta R.T.: -0.006 min
Response: 131727
Conc: 325.14 ng/ml

Instrument :
ECD_P
ClientSampleId :



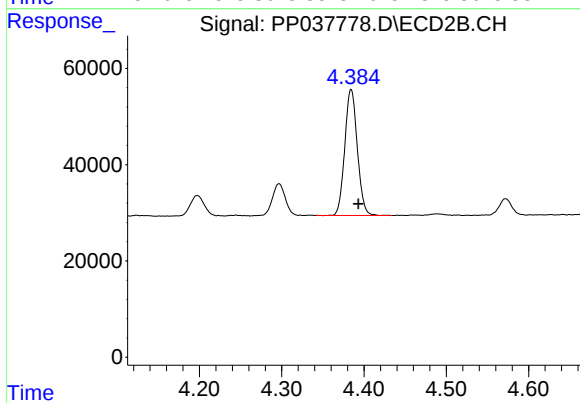
#9 AR-1221-2

R.T.: 4.297 min
Delta R.T.: -0.008 min
Response: 70582
Conc: 299.82 ng/ml



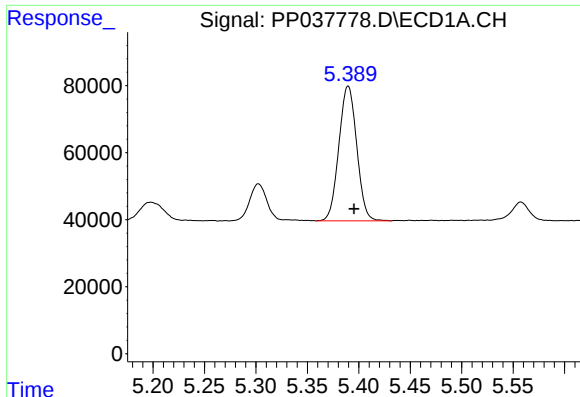
#10 AR-1221-3

R.T.: 5.390 min
Delta R.T.: -0.006 min
Response: 487009
Conc: 399.70 ng/ml



#10 AR-1221-3

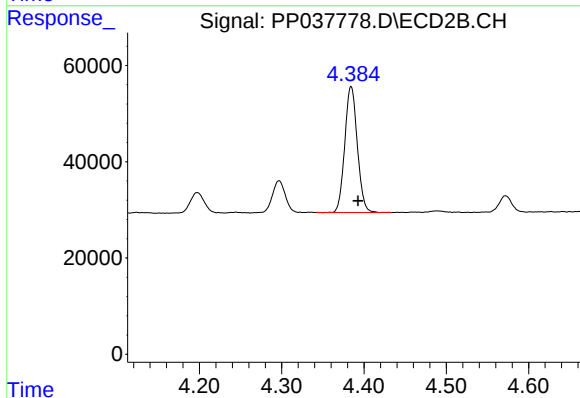
R.T.: 4.384 min
Delta R.T.: -0.009 min
Response: 277825
Conc: 373.53 ng/ml



#11 AR-1232-1

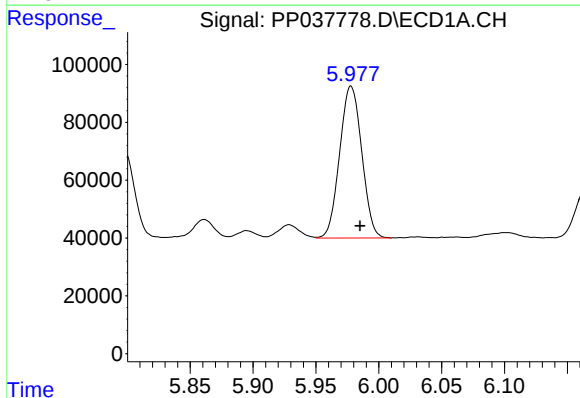
R.T.: 5.390 min
Delta R.T.: -0.006 min
Response: 487009
Conc: 438.31 ng/ml

Instrument :
ECD_P
ClientSampleId :



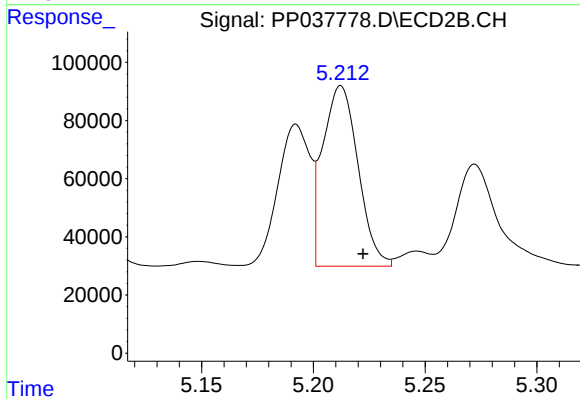
#11 AR-1232-1

R.T.: 4.384 min
Delta R.T.: -0.008 min
Response: 277825
Conc: 409.19 ng/ml



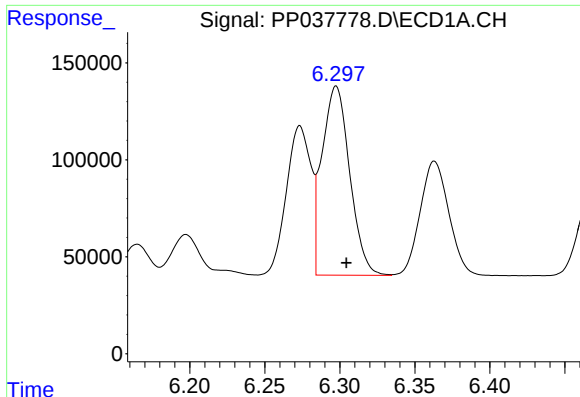
#12 AR-1232-2

R.T.: 5.978 min
Delta R.T.: -0.007 min
Response: 642755
Conc: 1077.95 ng/ml



#12 AR-1232-2

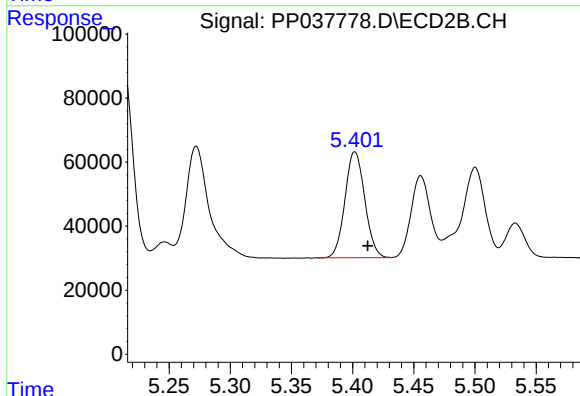
R.T.: 5.212 min
Delta R.T.: -0.010 min
Response: 683257
Conc: 1091.62 ng/ml



#13 AR-1232-3

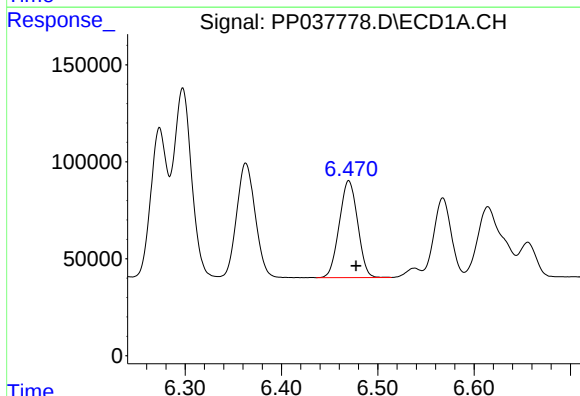
R.T.: 6.298 min
Delta R.T.: -0.007 min
Response: 1253307
Conc: 1145.35 ng/ml

Instrument :
ECD_P
ClientSampleId :



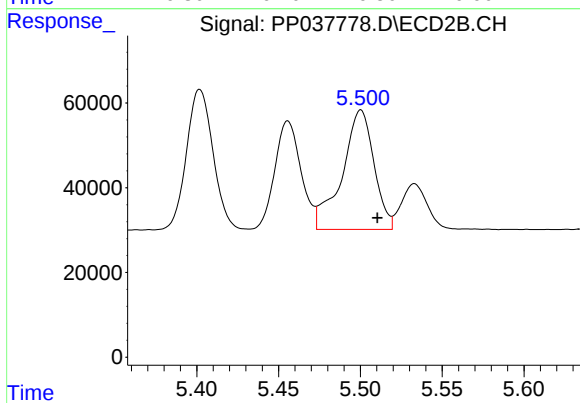
#13 AR-1232-3

R.T.: 5.402 min
Delta R.T.: -0.010 min
Response: 373211
Conc: 1124.09 ng/ml



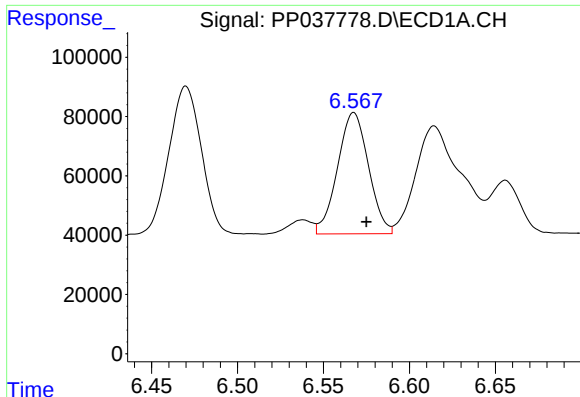
#14 AR-1232-4

R.T.: 6.470 min
Delta R.T.: -0.008 min
Response: 660609
Conc: 1137.85 ng/ml



#14 AR-1232-4

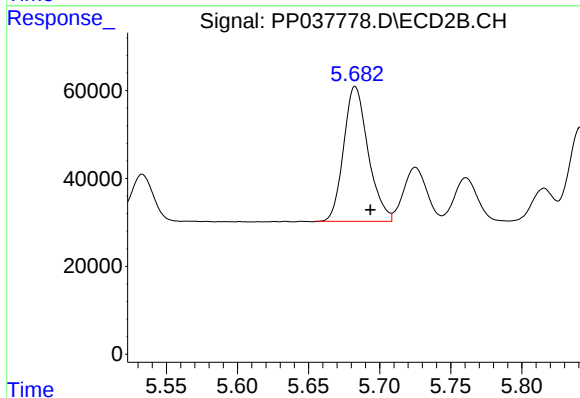
R.T.: 5.500 min
Delta R.T.: -0.010 min
Response: 382552
Conc: 1387.51 ng/ml



#15 AR-1232-5

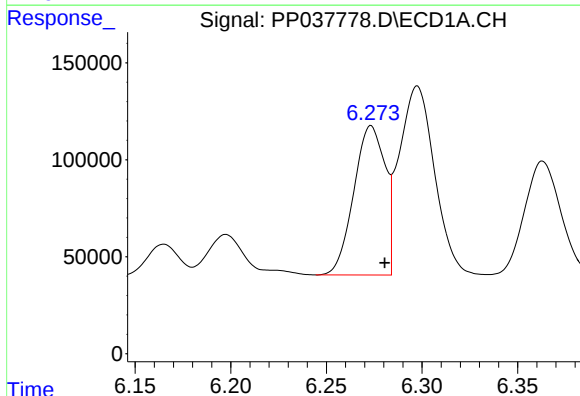
R.T.: 6.568 min
Delta R.T.: -0.007 min
Response: 513681
Conc: 1335.67 ng/ml

Instrument :
ECD_P
ClientSampleId :



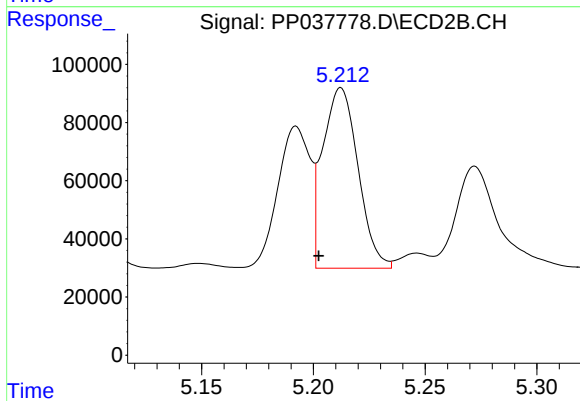
#15 AR-1232-5

R.T.: 5.683 min
Delta R.T.: -0.011 min
Response: 367813
Conc: 1237.30 ng/ml



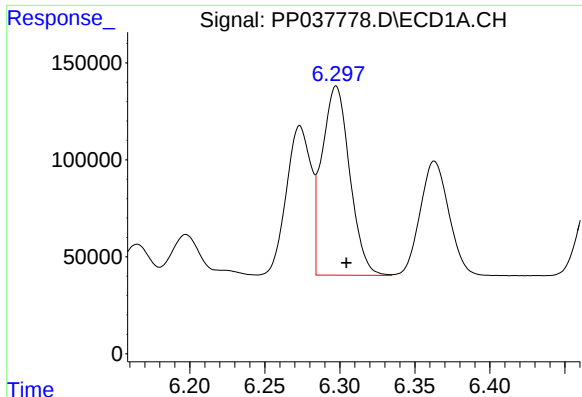
#16 AR-1242-1

R.T.: 6.273 min
Delta R.T.: -0.007 min
Response: 875882
Conc: 687.13 ng/ml



#16 AR-1242-1

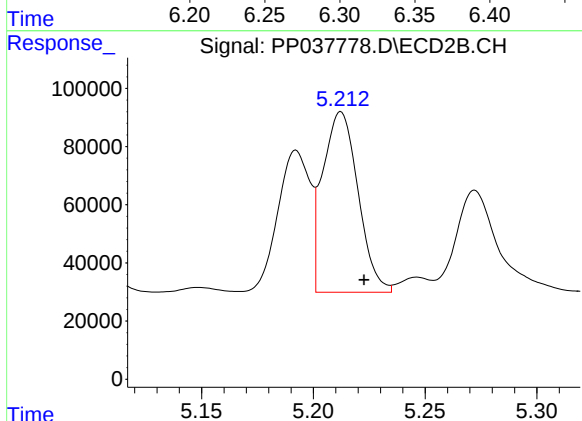
R.T.: 5.212 min
Delta R.T.: 0.010 min
Response: 683257
Conc: 906.54 ng/ml



#17 AR-1242-2

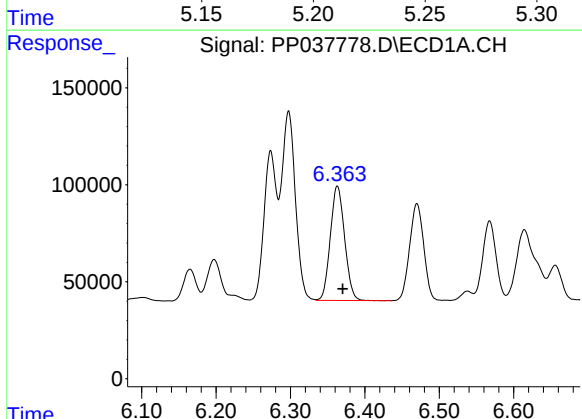
R.T.: 6.298 min
Delta R.T.: -0.007 min
Response: 1253307
Conc: 691.24 ng/ml

Instrument :
ECD_P
ClientSampleId :



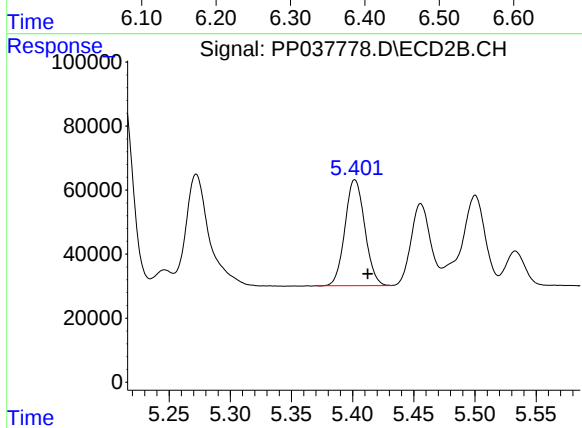
#17 AR-1242-2

R.T.: 5.212 min
Delta R.T.: -0.010 min
Response: 683257
Conc: 664.02 ng/ml



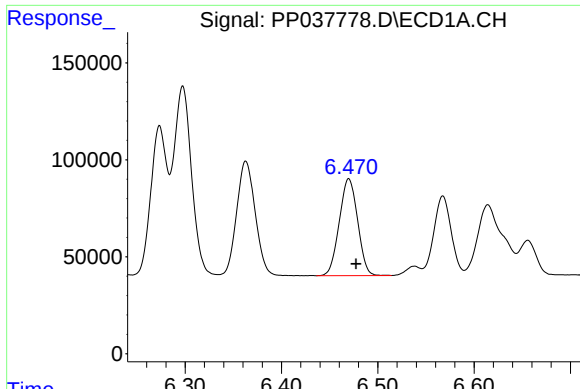
#18 AR-1242-3

R.T.: 6.363 min
Delta R.T.: -0.007 min
Response: 786633
Conc: 683.93 ng/ml



#18 AR-1242-3

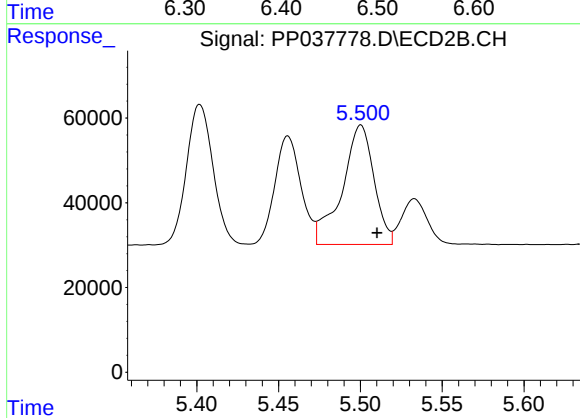
R.T.: 5.402 min
Delta R.T.: -0.011 min
Response: 373211
Conc: 655.43 ng/ml



#19 AR-1242-4

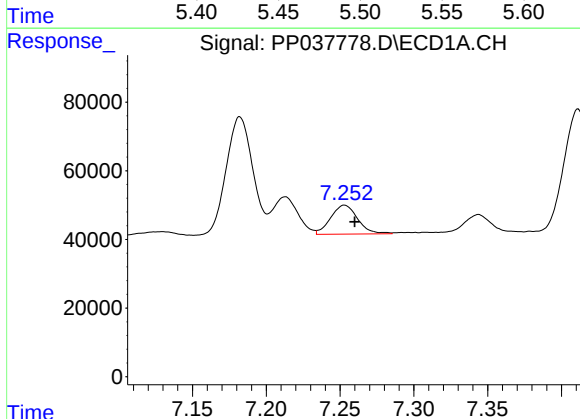
R.T.: 6.470 min
Delta R.T.: -0.008 min
Response: 660609
Conc: 690.07 ng/ml

Instrument :
ECD_P
ClientSampleId :



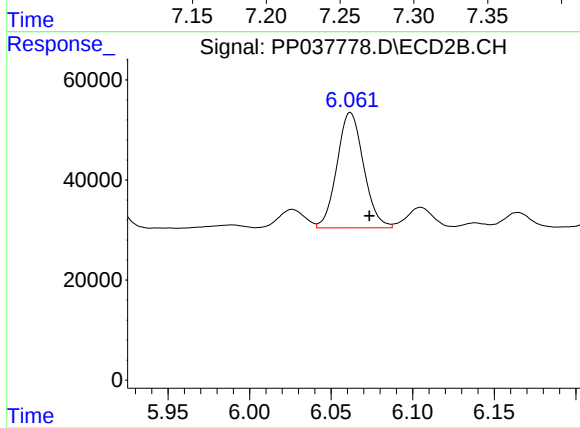
#19 AR-1242-4

R.T.: 5.500 min
Delta R.T.: -0.010 min
Response: 382552
Conc: 742.28 ng/ml



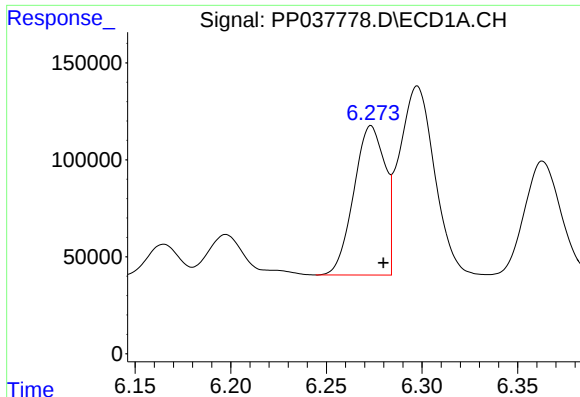
#20 AR-1242-5

R.T.: 7.253 min
Delta R.T.: -0.007 min
Response: 107372
Conc: 103.25 ng/ml



#20 AR-1242-5

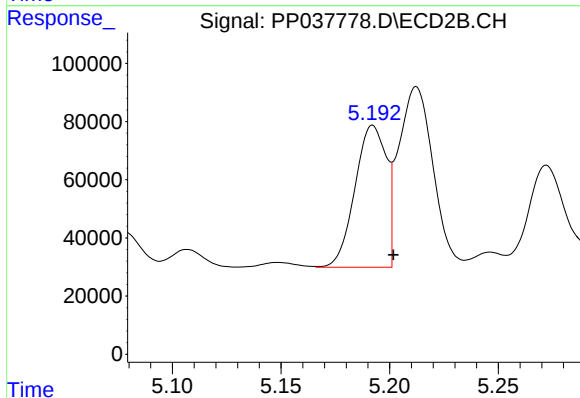
R.T.: 6.062 min
Delta R.T.: -0.012 min
Response: 262035
Conc: 384.96 ng/ml



#21 AR-1248-1

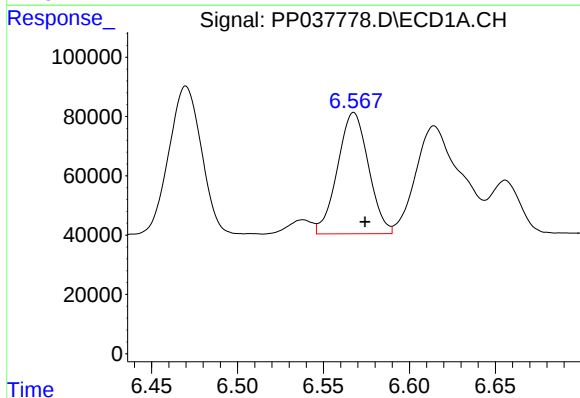
R.T.: 6.273 min
Delta R.T.: -0.006 min
Response: 875882
Conc: 834.51 ng/ml

Instrument :
ECD_P
ClientSampleId :



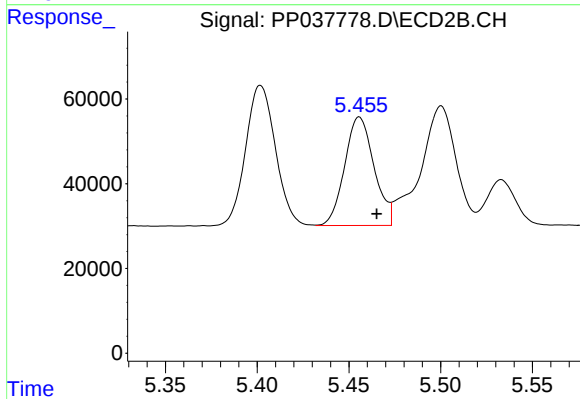
#21 AR-1248-1

R.T.: 5.192 min
Delta R.T.: -0.009 min
Response: 490553
Conc: 777.34 ng/ml



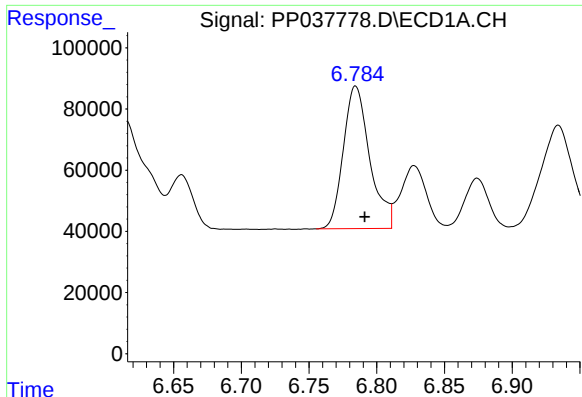
#22 AR-1248-2

R.T.: 6.568 min
Delta R.T.: -0.006 min
Response: 513681
Conc: 346.02 ng/ml



#22 AR-1248-2

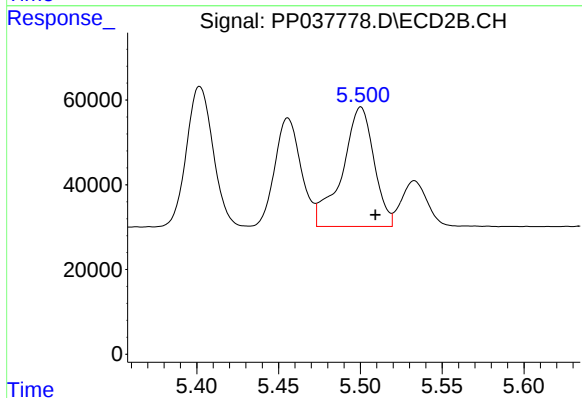
R.T.: 5.456 min
Delta R.T.: -0.009 min
Response: 285678
Conc: 348.27 ng/ml



#23 AR-1248-3

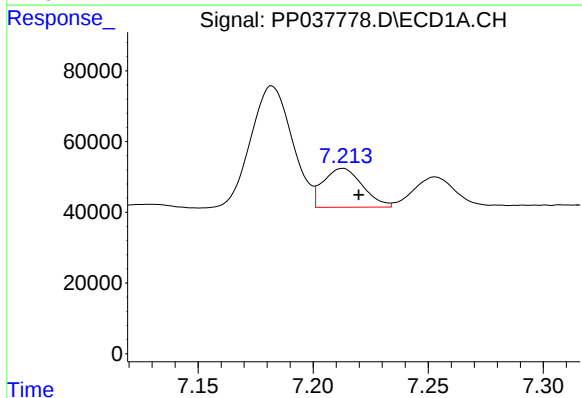
R.T.: 6.784 min
Delta R.T.: -0.007 min
Response: 632834
Conc: 383.12 ng/ml

Instrument :
ECD_P
ClientSampleId :



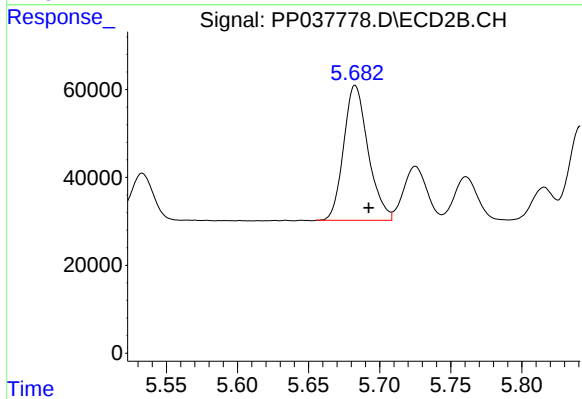
#23 AR-1248-3

R.T.: 5.500 min
Delta R.T.: -0.009 min
Response: 382552
Conc: 447.02 ng/ml



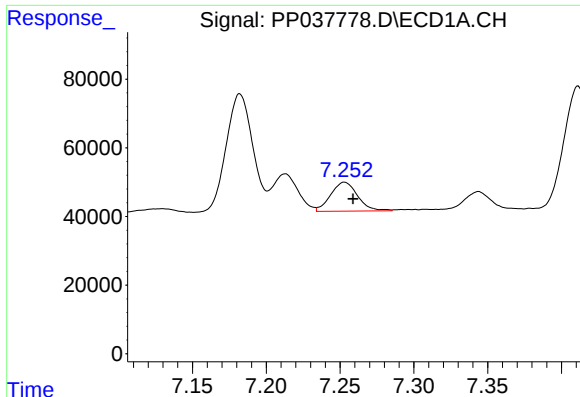
#24 AR-1248-4

R.T.: 7.213 min
Delta R.T.: -0.007 min
Response: 130950
Conc: 69.28 ng/ml



#24 AR-1248-4

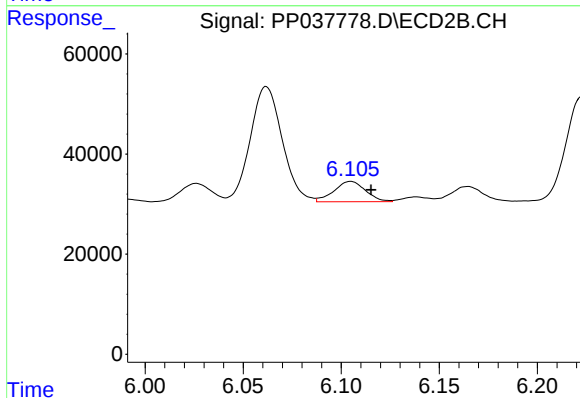
R.T.: 5.683 min
Delta R.T.: -0.009 min
Response: 367813
Conc: 361.43 ng/ml



#25 AR-1248-5

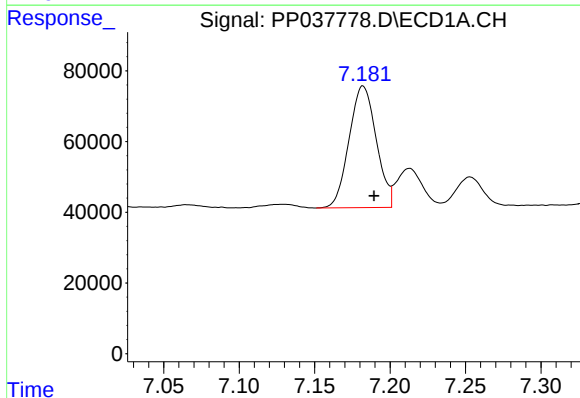
R.T.: 7.253 min
Delta R.T.: -0.006 min
Response: 107372
Conc: 57.37 ng/ml

Instrument :
ECD_P
ClientSampleId :



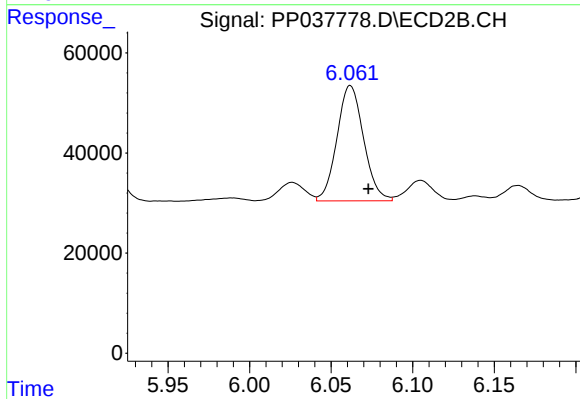
#25 AR-1248-5

R.T.: 6.105 min
Delta R.T.: -0.010 min
Response: 45861
Conc: 43.24 ng/ml



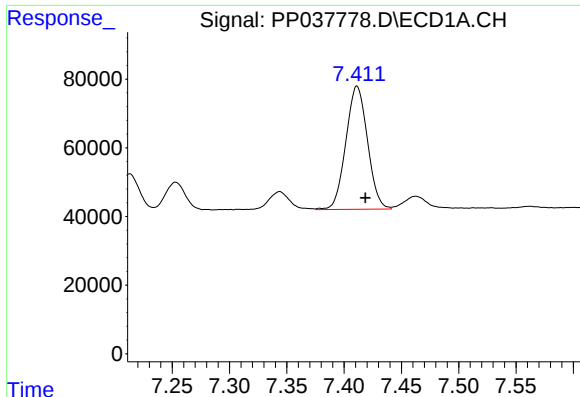
#26 AR-1254-1

R.T.: 7.182 min
Delta R.T.: -0.007 min
Response: 431500
Conc: 240.19 ng/ml



#26 AR-1254-1

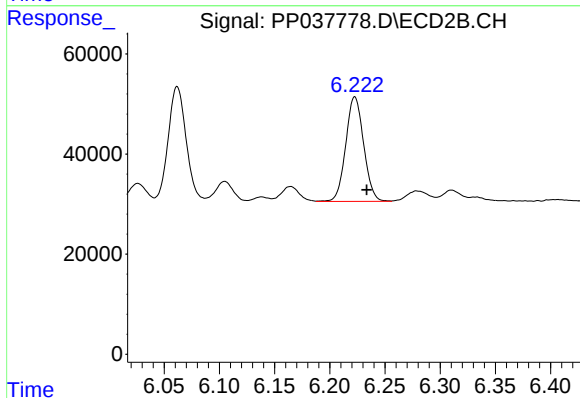
R.T.: 6.062 min
Delta R.T.: -0.011 min
Response: 262035
Conc: 176.51 ng/ml



#27 AR-1254-2

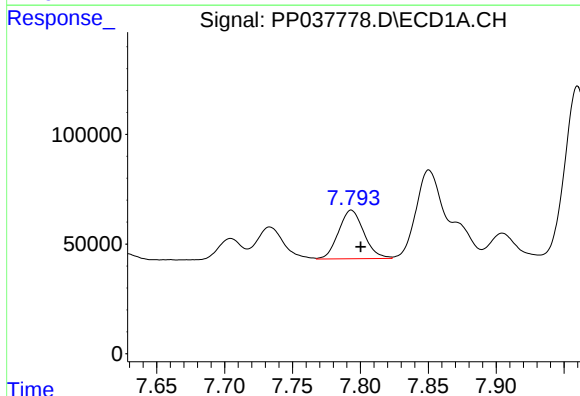
R.T.: 7.411 min
Delta R.T.: -0.007 min
Response: 472514
Conc: 169.87 ng/ml

Instrument :
ECD_P
ClientSampleId :



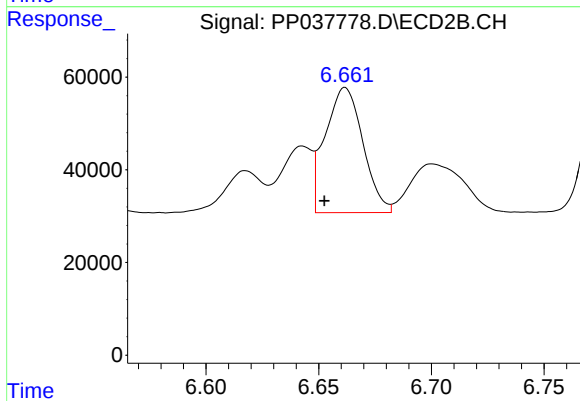
#27 AR-1254-2

R.T.: 6.223 min
Delta R.T.: -0.011 min
Response: 236222
Conc: 181.85 ng/ml



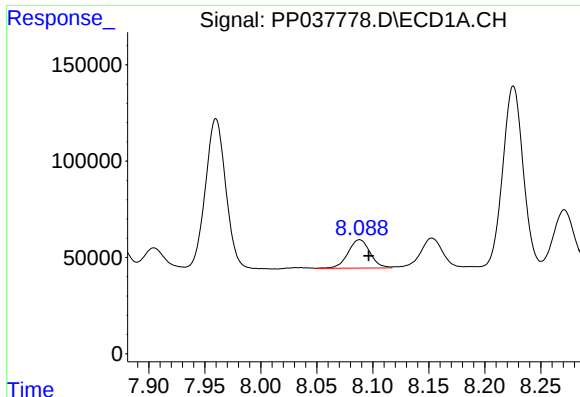
#28 AR-1254-3

R.T.: 7.793 min
Delta R.T.: -0.007 min
Response: 287791
Conc: 93.35 ng/ml



#28 AR-1254-3

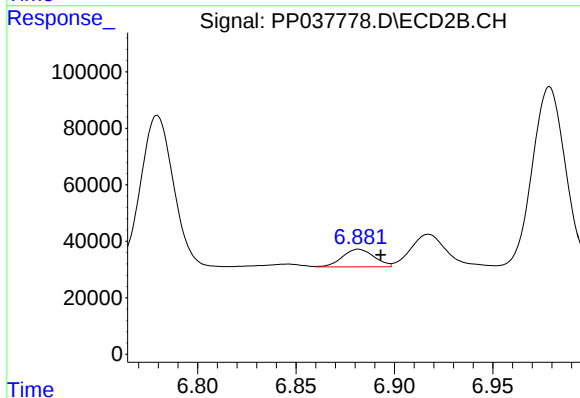
R.T.: 6.662 min
Delta R.T.: 0.009 min
Response: 314150
Conc: 147.21 ng/ml



#29 AR-1254-4

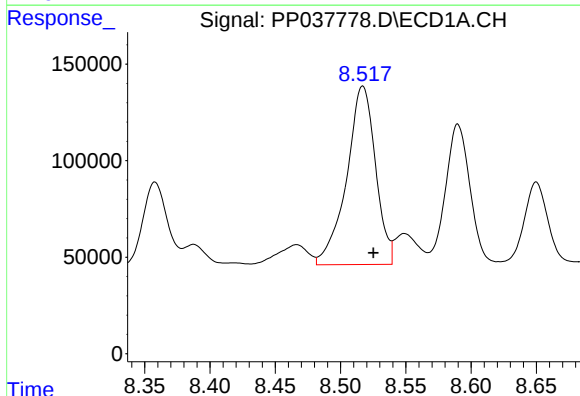
R.T.: 8.088 min
Delta R.T.: -0.008 min
Response: 200415
Conc: 88.23 ng/ml

Instrument :
ECD_P
ClientSampleId :



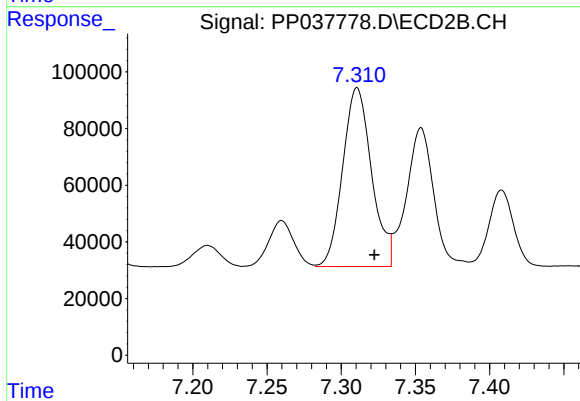
#29 AR-1254-4

R.T.: 6.882 min
Delta R.T.: -0.011 min
Response: 70069
Conc: 51.65 ng/ml



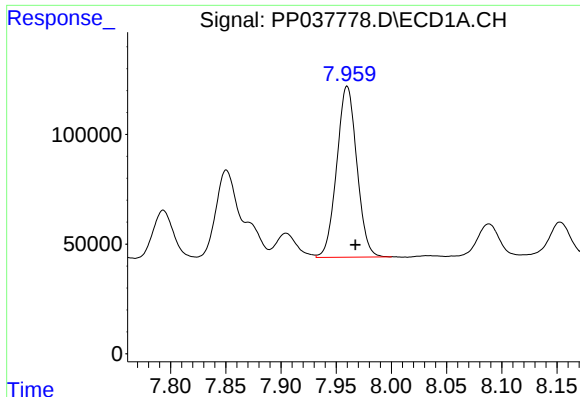
#30 AR-1254-5

R.T.: 8.517 min
Delta R.T.: -0.008 min
Response: 1423229
Conc: 568.75 ng/ml



#30 AR-1254-5

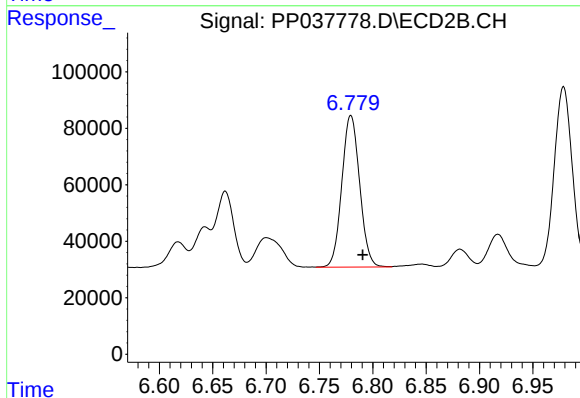
R.T.: 7.311 min
Delta R.T.: -0.012 min
Response: 855937
Conc: 456.59 ng/ml



#31 AR-1260-1

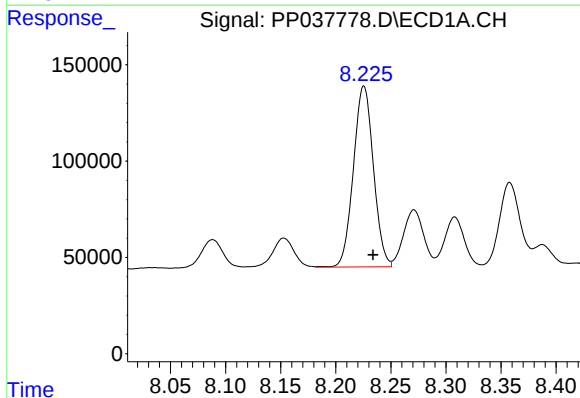
R.T.: 7.960 min
Delta R.T.: -0.008 min
Response: 989313
Conc: 449.39 ng/ml

Instrument :
ECD_P
ClientSampleId :



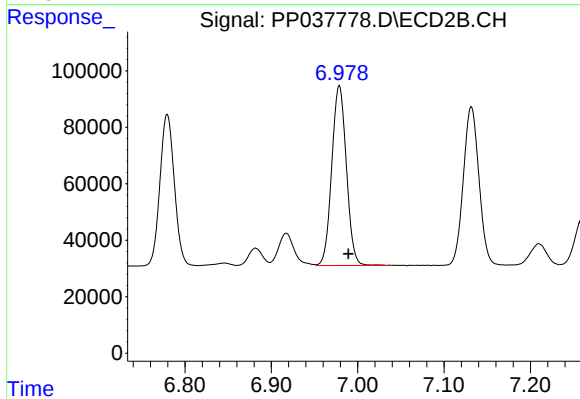
#31 AR-1260-1

R.T.: 6.779 min
Delta R.T.: -0.011 min
Response: 624174
Conc: 451.71 ng/ml



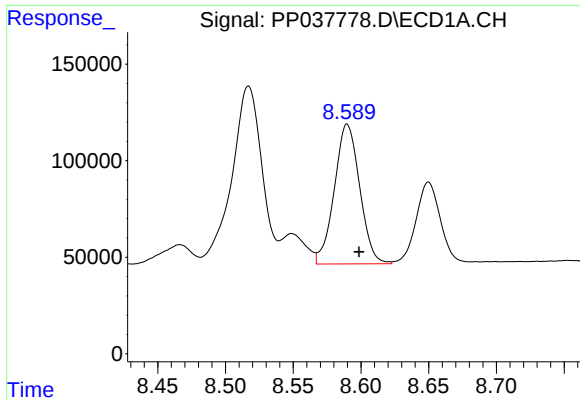
#32 AR-1260-2

R.T.: 8.226 min
Delta R.T.: -0.008 min
Response: 1187180
Conc: 426.77 ng/ml



#32 AR-1260-2

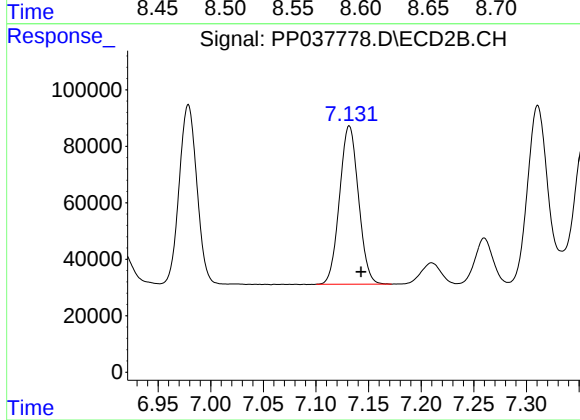
R.T.: 6.979 min
Delta R.T.: -0.010 min
Response: 748606
Conc: 445.62 ng/ml



#33 AR-1260-3

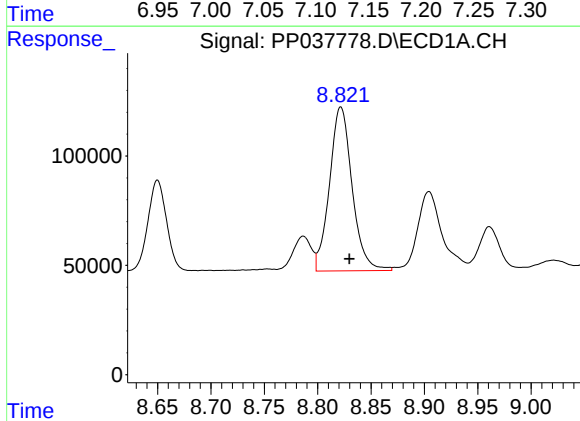
R.T.: 8.590 min
Delta R.T.: -0.009 min
Response: 944609
Conc: 467.36 ng/ml

Instrument :
ECD_P
ClientSampleId :



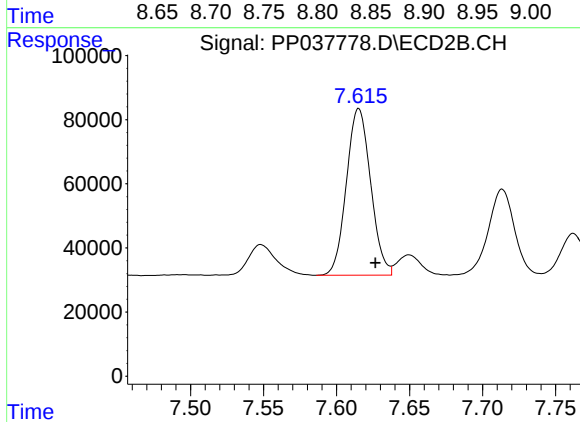
#33 AR-1260-3

R.T.: 7.132 min
Delta R.T.: -0.011 min
Response: 702463
Conc: 409.98 ng/ml



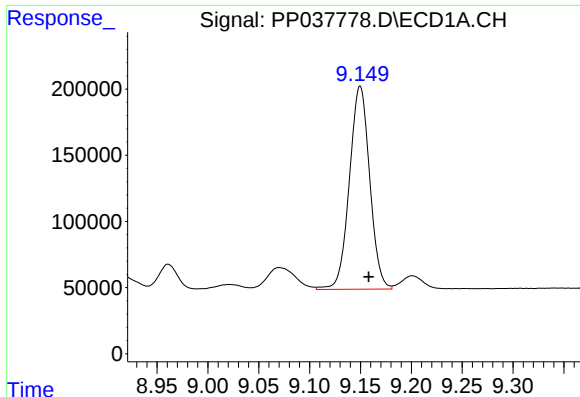
#34 AR-1260-4

R.T.: 8.822 min
Delta R.T.: -0.008 min
Response: 1107124
Conc: 450.08 ng/ml



#34 AR-1260-4

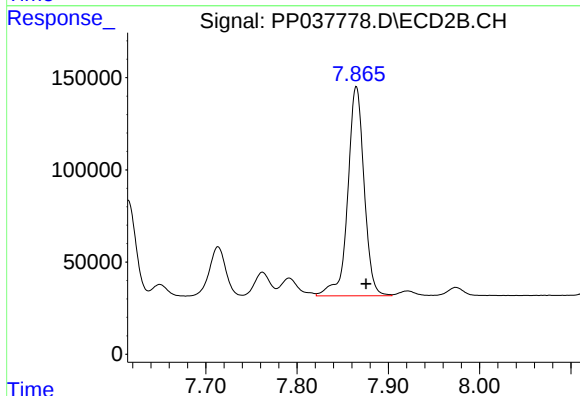
R.T.: 7.615 min
Delta R.T.: -0.011 min
Response: 601152
Conc: 442.18 ng/ml



#35 AR-1260-5

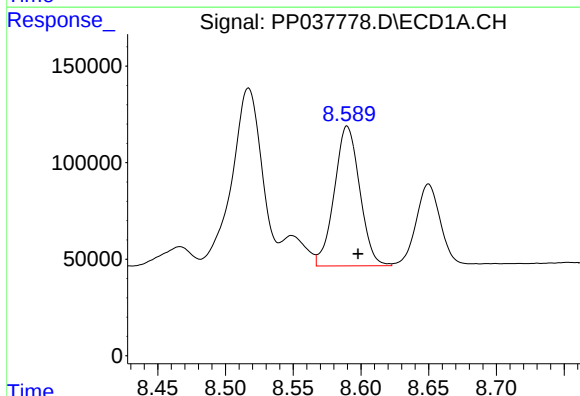
R.T.: 9.150 min
Delta R.T.: -0.008 min
Response: 2131488
Conc: 461.92 ng/ml

Instrument :
ECD_P
ClientSampleId :



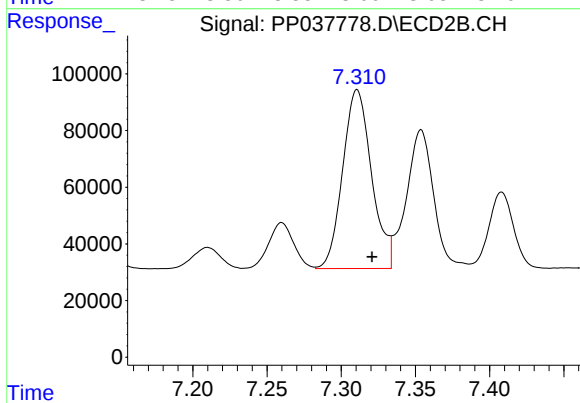
#35 AR-1260-5

R.T.: 7.865 min
Delta R.T.: -0.011 min
Response: 1413253
Conc: 438.16 ng/ml



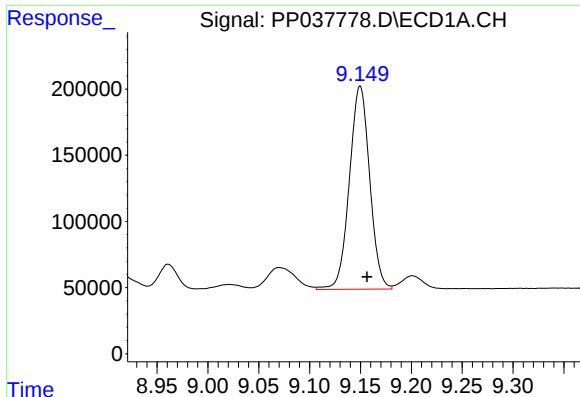
#36 AR-1262-1

R.T.: 8.590 min
Delta R.T.: -0.008 min
Response: 944609
Conc: 324.33 ng/ml



#36 AR-1262-1

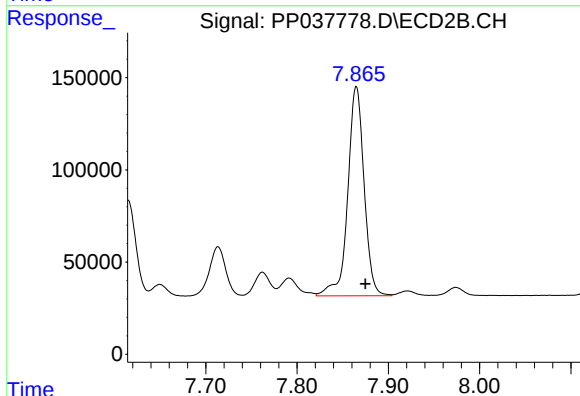
R.T.: 7.311 min
Delta R.T.: -0.010 min
Response: 855937
Conc: 824.29 ng/ml



#37 AR-1262-2

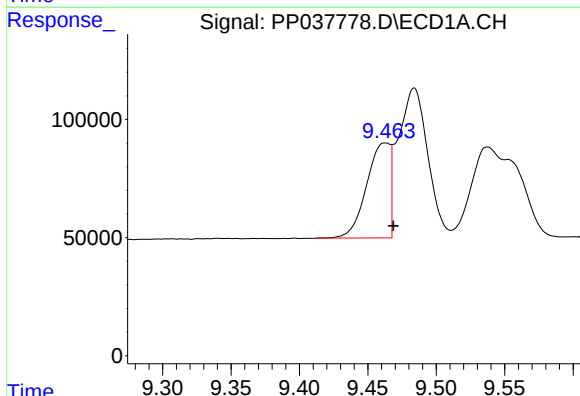
R.T.: 9.150 min
Delta R.T.: -0.007 min
Response: 2131488
Conc: 405.86 ng/ml

Instrument :
ECD_P
ClientSampleId :



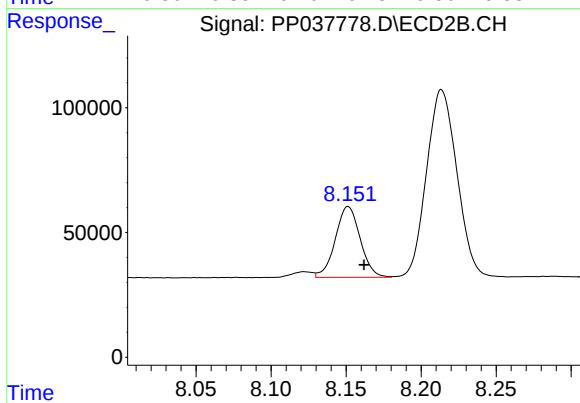
#37 AR-1262-2

R.T.: 7.865 min
Delta R.T.: -0.010 min
Response: 1413253
Conc: 406.26 ng/ml



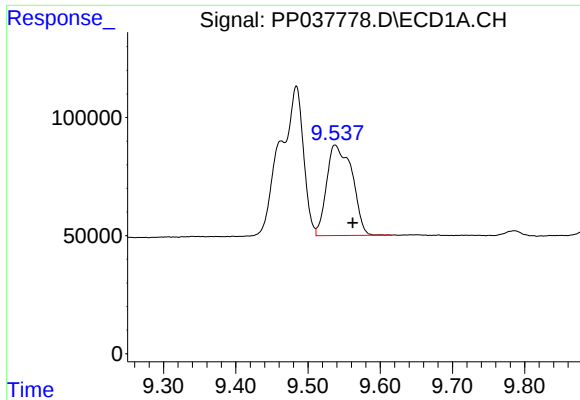
#38 AR-1262-3

R.T.: 9.463 min
Delta R.T.: -0.006 min
Response: 479723
Conc: 125.20 ng/ml



#38 AR-1262-3

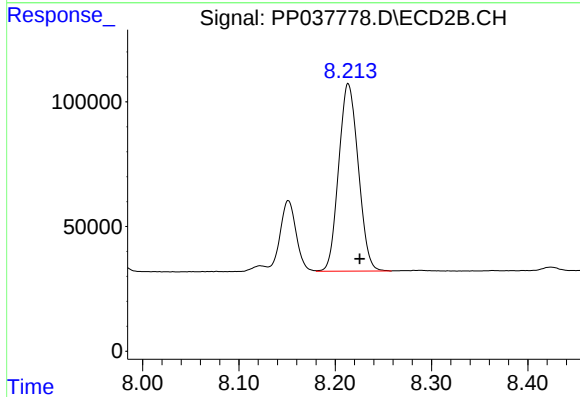
R.T.: 8.151 min
Delta R.T.: -0.011 min
Response: 327573
Conc: 232.66 ng/ml



#39 AR-1262-4

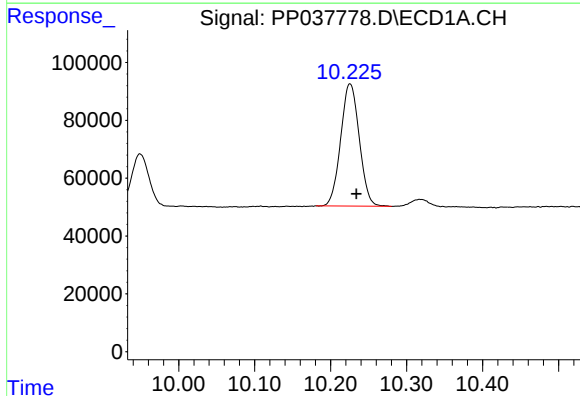
R.T.: 9.538 min
Delta R.T.: -0.024 min
Response: 937991
Conc: 319.22 ng/ml

Instrument :
ECD_P
ClientSampleId :



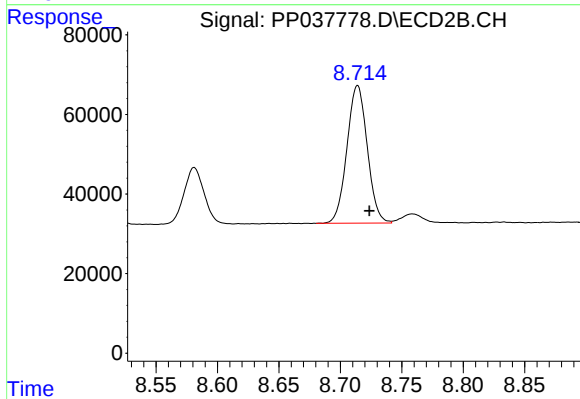
#39 AR-1262-4

R.T.: 8.214 min
Delta R.T.: -0.012 min
Response: 1058306
Conc: 397.41 ng/ml



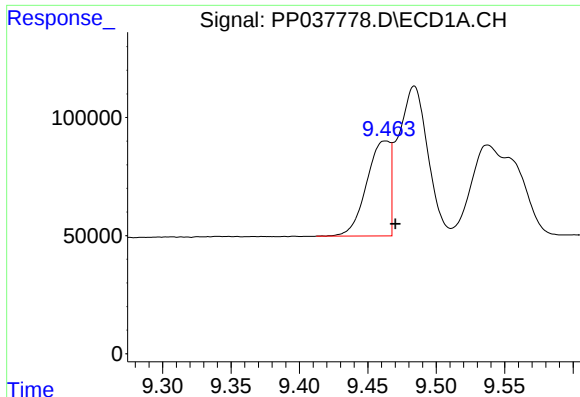
#40 AR-1262-5

R.T.: 10.226 min
Delta R.T.: -0.008 min
Response: 718409
Conc: 337.87 ng/ml



#40 AR-1262-5

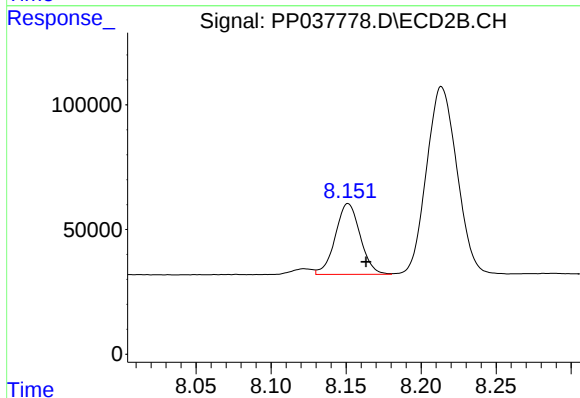
R.T.: 8.714 min
Delta R.T.: -0.010 min
Response: 398649
Conc: 315.39 ng/ml



#41 AR-1268-1

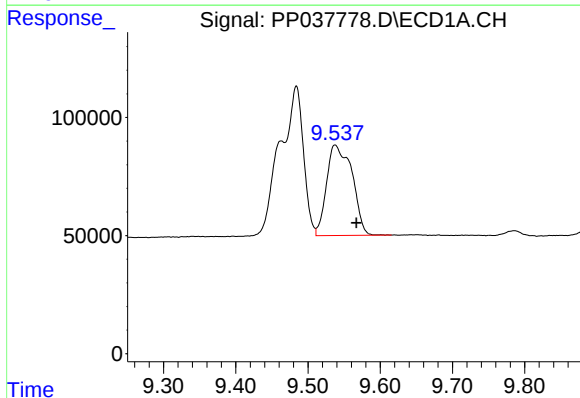
R.T.: 9.463 min
Delta R.T.: -0.007 min
Response: 479723
Conc: 79.00 ng/ml

Instrument :
ECD_P
ClientSampleId :



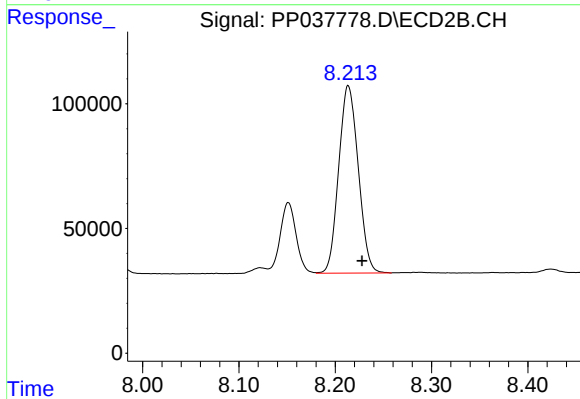
#41 AR-1268-1

R.T.: 8.151 min
Delta R.T.: -0.012 min
Response: 327573
Conc: 82.20 ng/ml



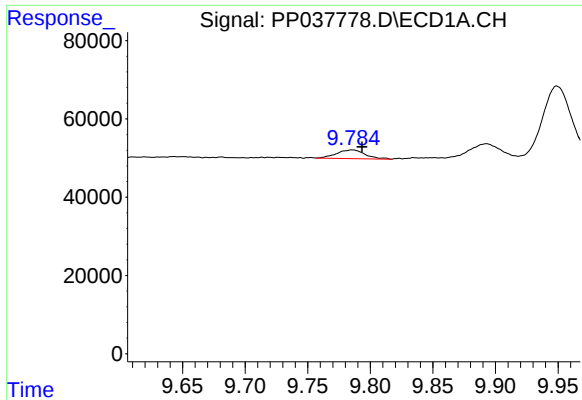
#42 AR-1268-2

R.T.: 9.538 min
Delta R.T.: -0.030 min
Response: 937991
Conc: 163.20 ng/ml



#42 AR-1268-2

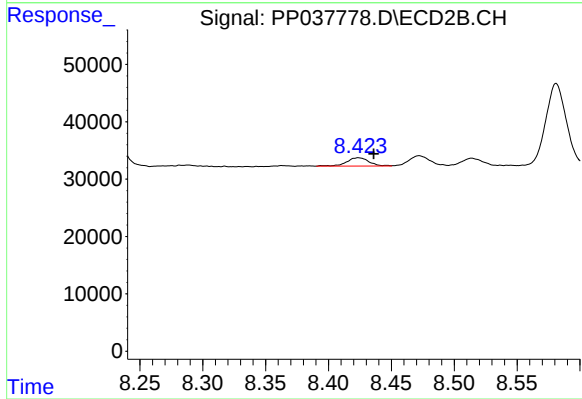
R.T.: 8.214 min
Delta R.T.: -0.014 min
Response: 1058306
Conc: 285.94 ng/ml



#43 AR-1268-3

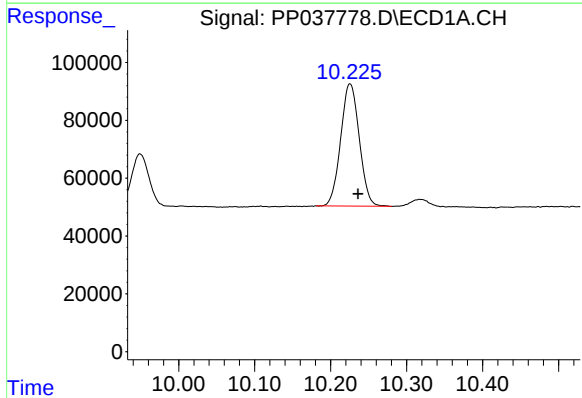
R.T.: 9.786 min
Delta R.T.: -0.008 min
Response: 35313
Conc: 7.20 ng/ml

Instrument :
ECD_P
ClientSampleId :



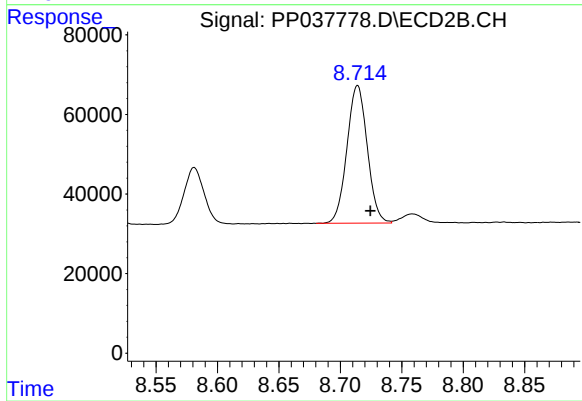
#43 AR-1268-3

R.T.: 8.424 min
Delta R.T.: -0.012 min
Response: 17860
Conc: 5.69 ng/ml



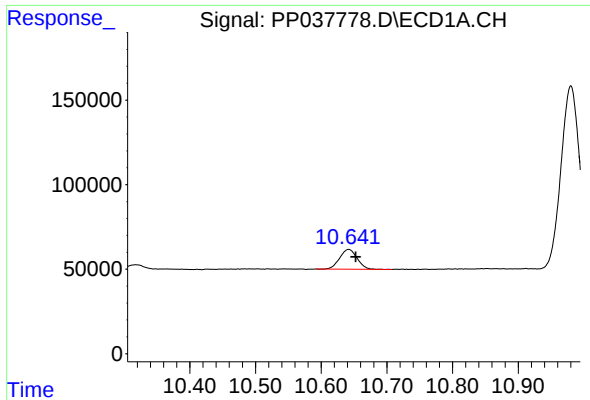
#44 AR-1268-4

R.T.: 10.226 min
Delta R.T.: -0.011 min
Response: 718409
Conc: 314.03 ng/ml



#44 AR-1268-4

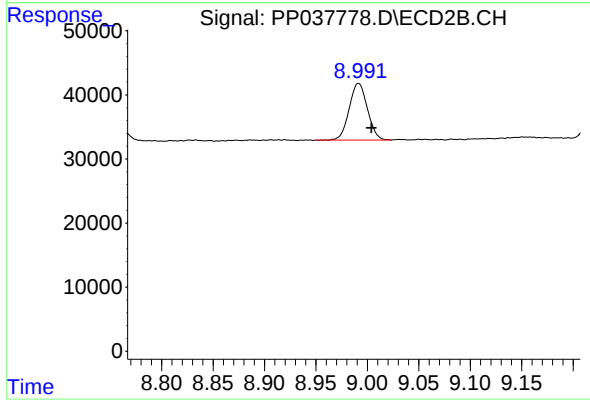
R.T.: 8.714 min
Delta R.T.: -0.011 min
Response: 398649
Conc: 290.88 ng/ml



#45 AR-1268-5

R.T.: 10.642 min
Delta R.T.: -0.011 min
Response: 216745
Conc: 13.69 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.991 min
Delta R.T.: -0.012 min
Response: 109133
Conc: 10.60 ng/ml