

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042221\
 Data File : PP035188.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 23 Apr 2021 3:04
 Operator : DD\AJ
 Sample : AR1660CCC500
 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: Apr 23 04:52:45 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042121.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Apr 21 17:37:28 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...	4.838	4.249	3540270	2241729	43.447	43.531
2)	SA Decachlor...	10.745	9.537	2866441	1112493	45.360	46.822
Target Compounds							
3)	L1 AR-1016-1	6.149	5.499	940028	501611	457.380	474.503
4)	L1 AR-1016-2	6.173	5.519	1474900	875442	447.993	474.305
5)	L1 AR-1016-3	6.239	5.712	971894	424807	445.698	473.203
6)	L1 AR-1016-4	6.345	5.758	775751	352175	447.880	420.864
7)	L1 AR-1016-5	6.656	5.989	749696	442951	423.487	436.694
8)	L2 AR-1221-1	5.083	4.504	94208	65356	114.543	132.947
9)	L2 AR-1221-2	5.185	4.604	152129	93144	241.363	245.021
10)	L2 AR-1221-3	5.272	4.693	541253	336596	296.699	291.147
11)	L3 AR-1232-1	5.272	4.693	541253	336596	381.014	383.657
12)	L3 AR-1232-2	5.855	5.519	818892	875442	1016.670	1174.792
13)	L3 AR-1232-3	6.173	5.712	1474900	424807	1166.415	1236.185
14)	L3 AR-1232-4	6.345	5.804	775751	430954	1218.396	1208.802
15)	L3 AR-1232-5	6.441	5.989	612955	442951	1246.060	1183.877
16)	L4 AR-1242-1	6.149	5.499	940028	501611	619.933	645.611
17)	L4 AR-1242-2	6.173	5.519	1474900	875442	601.756	658.773
18)	L4 AR-1242-3	6.239	5.712	971894	424807	587.835	643.242
19)	L4 AR-1242-4	6.345	5.804	775751	430954	596.711	552.544
20)	L4 AR-1242-5	7.124	6.364	123794	326729	113.978	439.611 #
21)	L5 AR-1248-1	6.149	5.499	940028	501611	785.031	813.091
22)	L5 AR-1248-2	6.441	5.758	612955	352175	314.905	329.326
23)	L5 AR-1248-3	6.656	5.804	749696	430954	332.335	391.254
24)	L5 AR-1248-4	7.084	5.989	144593	442951	76.394	351.529 #
25)	L5 AR-1248-5	7.124	6.409	123794	44530	64.193	53.981
26)	L6 AR-1254-1	7.053	6.364	577604	326729	224.054	193.016
27)	L6 AR-1254-2	7.281	6.520	600312	306359	158.641	205.043 #
28)	L6 AR-1254-3	7.661	6.955	363975	552330	97.557	259.742 #
29)	L6 AR-1254-4	7.955	7.177	293440	50618	140.106	56.484 #
30)	L6 AR-1254-5	8.383	7.601	2014819	952978	692.576	536.157
31)	L7 AR-1260-1	7.828	7.074	1505953	750838	447.172	429.159
32)	L7 AR-1260-2	8.093	7.268	1660984	857925	487.889	481.272
33)	L7 AR-1260-3	8.457	7.423	1095792	799741	436.569	443.532
34)	L7 AR-1260-4	8.686	7.902	1339681	575261	456.411	451.931
35)	L7 AR-1260-5	9.004	8.146	2546044	1226932	517.526	504.647
36)	L8 AR-1262-1	8.457	7.601	1095792	952978	292.812	1124.822 #
37)	L8 AR-1262-2	9.004	8.146	2546044	1226932	438.387	458.236
38)	L8 AR-1262-3	9.325f	8.429	1670515	301508	388.716	242.245 #
39)	L8 AR-1262-4	9.376f	8.493	1008492	940988	280.108	439.656 #
40)	L8 AR-1262-5	10.033	8.989	657701	299368	310.508	348.834
41)	L9 AR-1268-1	9.325f	8.429	1670515	301508	201.618	85.298 #

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 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

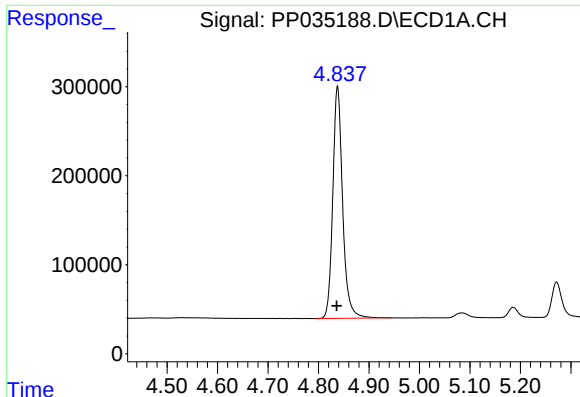
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
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 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	9.376f	8.493	1008492	940988	126.233	278.218 #
43) L9	AR-1268-3	9.611	8.698	95519	33736	12.527	10.882
44) L9	AR-1268-4	10.033	8.989	657701	299368	275.141	283.921
45) L9	AR-1268-5	10.428	9.283	290016	123495	13.080	15.879

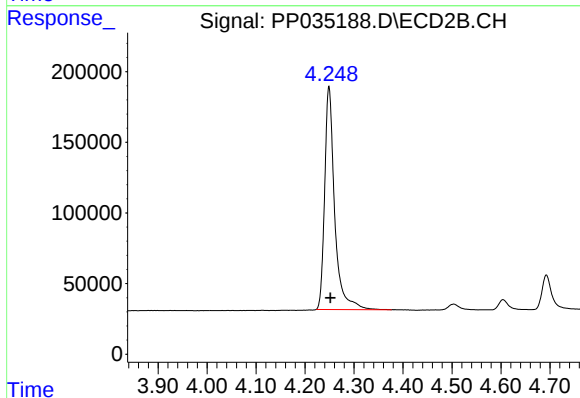
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

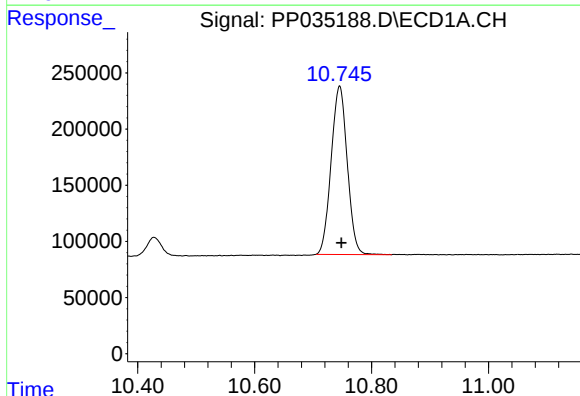
R.T.: 4.838 min
Delta R.T.: 0.002 min
Response: 3540270
Conc: 43.45 ng/ml

Instrument :
ECD_P
ClientSampleId :



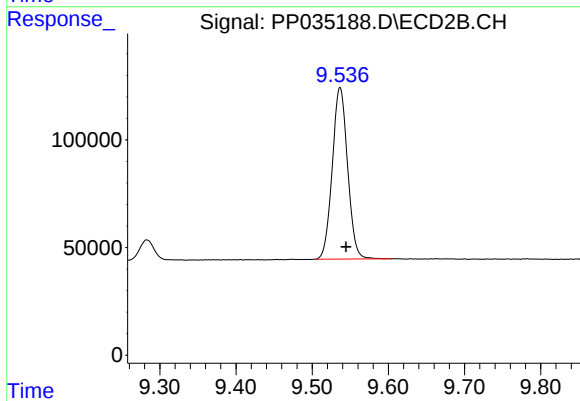
#1 Tetrachloro-m-xylene

R.T.: 4.249 min
Delta R.T.: -0.003 min
Response: 2241729
Conc: 43.53 ng/ml



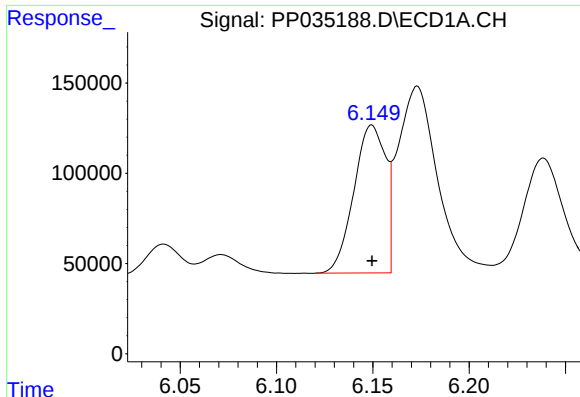
#2 Decachlorobiphenyl

R.T.: 10.745 min
Delta R.T.: -0.003 min
Response: 2866441
Conc: 45.36 ng/ml



#2 Decachlorobiphenyl

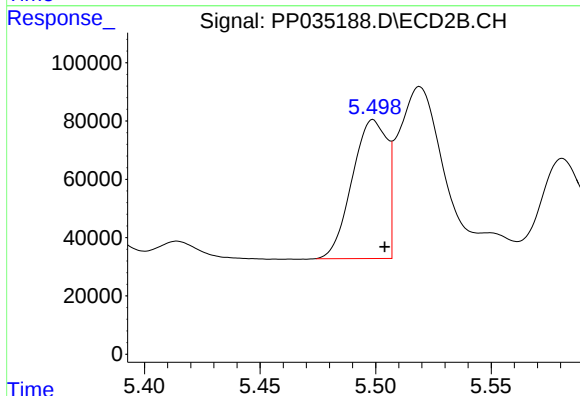
R.T.: 9.537 min
Delta R.T.: -0.008 min
Response: 1112493
Conc: 46.82 ng/ml



#3 AR-1016-1

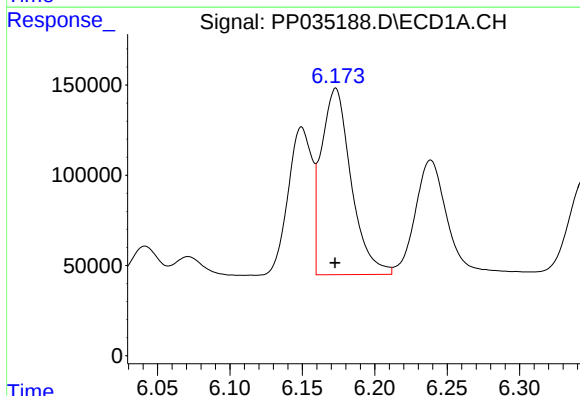
R.T.: 6.149 min
Delta R.T.: 0.000 min
Response: 940028
Conc: 457.38 ng/ml

Instrument :
ECD_P
ClientSampleId :



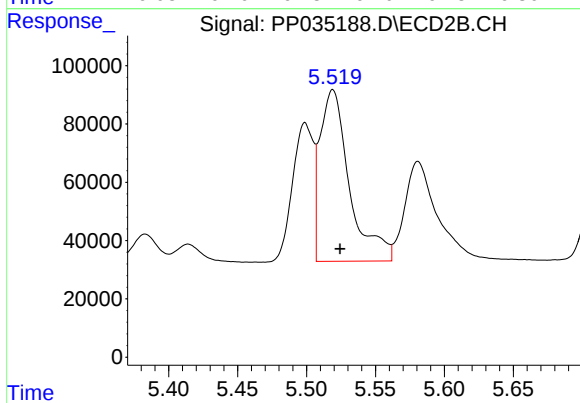
#3 AR-1016-1

R.T.: 5.499 min
Delta R.T.: -0.005 min
Response: 501611
Conc: 474.50 ng/ml



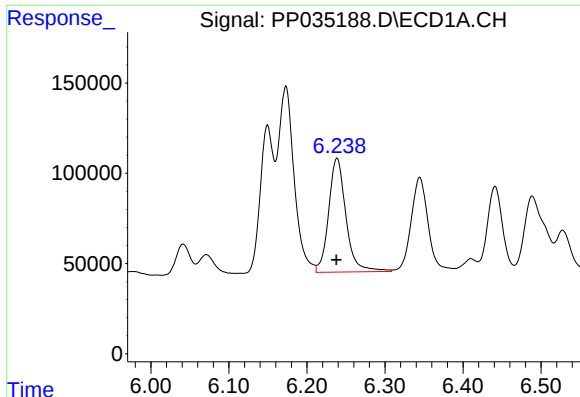
#4 AR-1016-2

R.T.: 6.173 min
Delta R.T.: 0.000 min
Response: 1474900
Conc: 447.99 ng/ml



#4 AR-1016-2

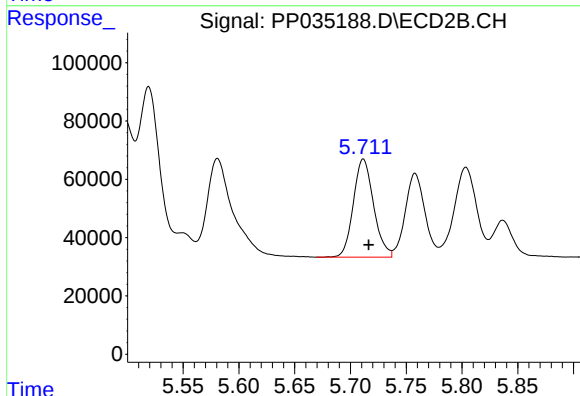
R.T.: 5.519 min
Delta R.T.: -0.005 min
Response: 875442
Conc: 474.31 ng/ml



#5 AR-1016-3

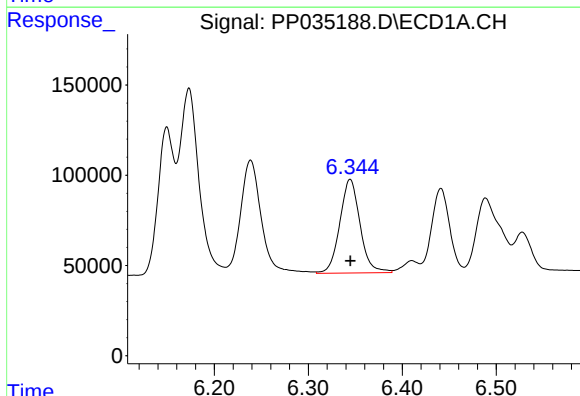
R.T.: 6.239 min
Delta R.T.: 0.000 min
Response: 971894
Conc: 445.70 ng/ml

Instrument :
ECD_P
ClientSampleId :



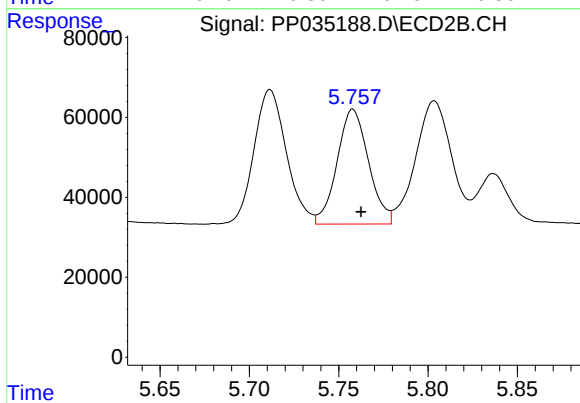
#5 AR-1016-3

R.T.: 5.712 min
Delta R.T.: -0.005 min
Response: 424807
Conc: 473.20 ng/ml



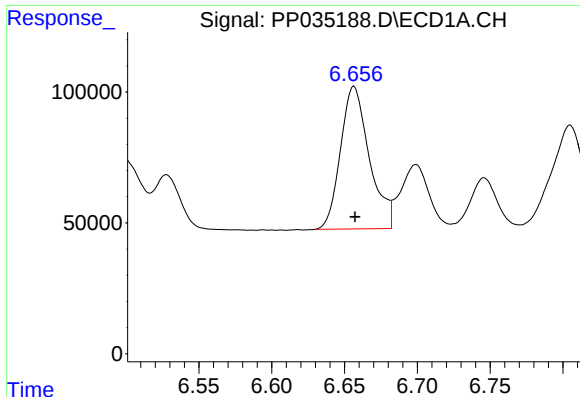
#6 AR-1016-4

R.T.: 6.345 min
Delta R.T.: 0.000 min
Response: 775751
Conc: 447.88 ng/ml



#6 AR-1016-4

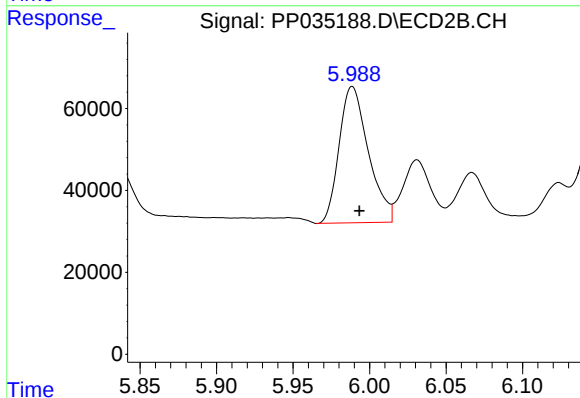
R.T.: 5.758 min
Delta R.T.: -0.004 min
Response: 352175
Conc: 420.86 ng/ml



#7 AR-1016-5

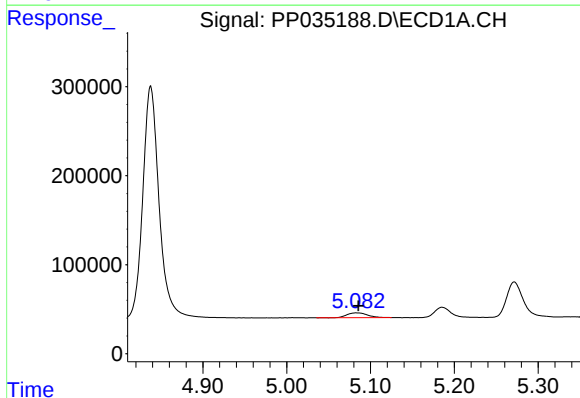
R.T.: 6.656 min
Delta R.T.: 0.000 min
Response: 749696
Conc: 423.49 ng/ml

Instrument :
ECD_P
ClientSampleId :



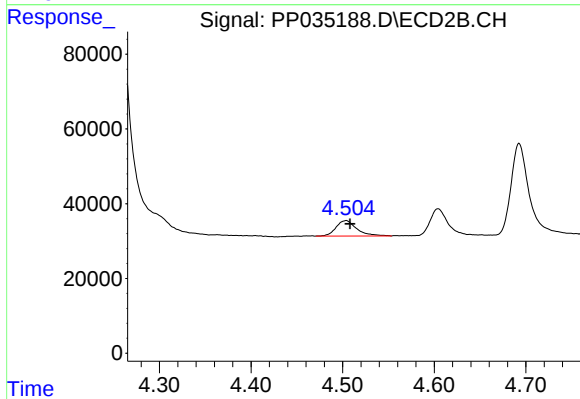
#7 AR-1016-5

R.T.: 5.989 min
Delta R.T.: -0.005 min
Response: 442951
Conc: 436.69 ng/ml



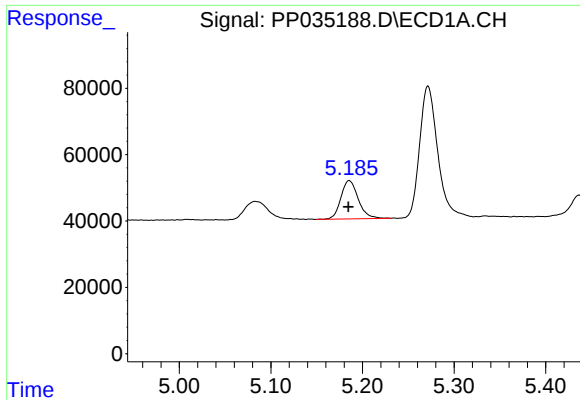
#8 AR-1221-1

R.T.: 5.083 min
Delta R.T.: -0.003 min
Response: 94208
Conc: 114.54 ng/ml



#8 AR-1221-1

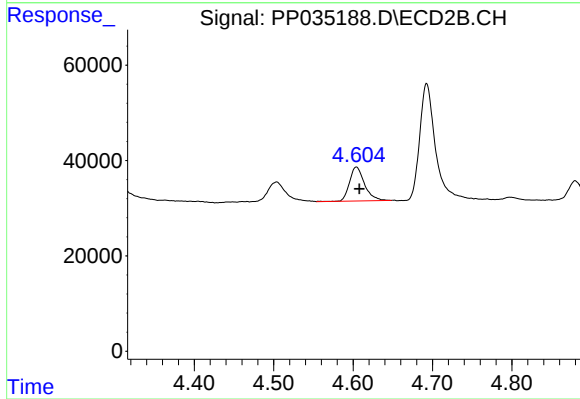
R.T.: 4.504 min
Delta R.T.: -0.004 min
Response: 65356
Conc: 132.95 ng/ml



#9 AR-1221-2

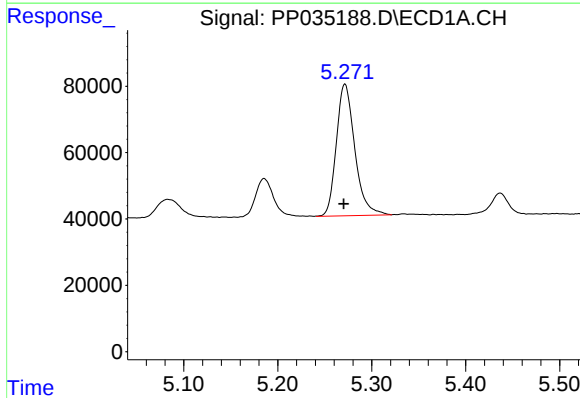
R.T.: 5.185 min
Delta R.T.: 0.000 min
Response: 152129
Conc: 241.36 ng/ml

Instrument :
ECD_P
ClientSampleId :



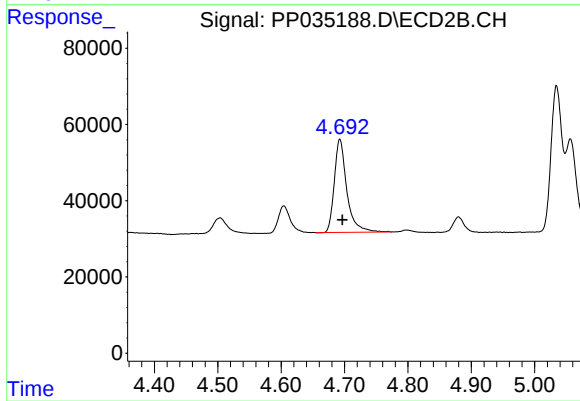
#9 AR-1221-2

R.T.: 4.604 min
Delta R.T.: -0.004 min
Response: 93144
Conc: 245.02 ng/ml



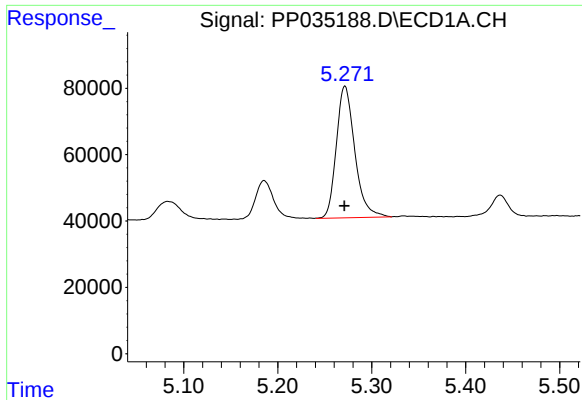
#10 AR-1221-3

R.T.: 5.272 min
Delta R.T.: 0.001 min
Response: 541253
Conc: 296.70 ng/ml



#10 AR-1221-3

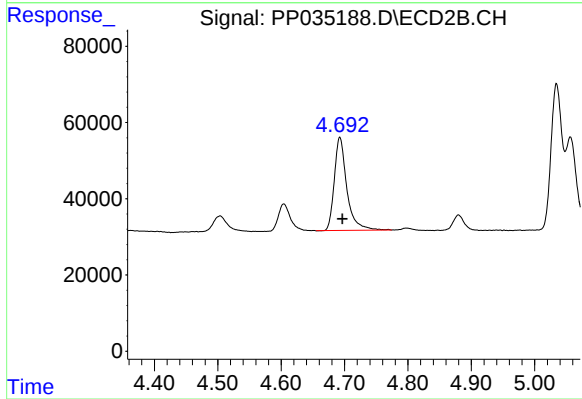
R.T.: 4.693 min
Delta R.T.: -0.004 min
Response: 336596
Conc: 291.15 ng/ml



#11 AR-1232-1

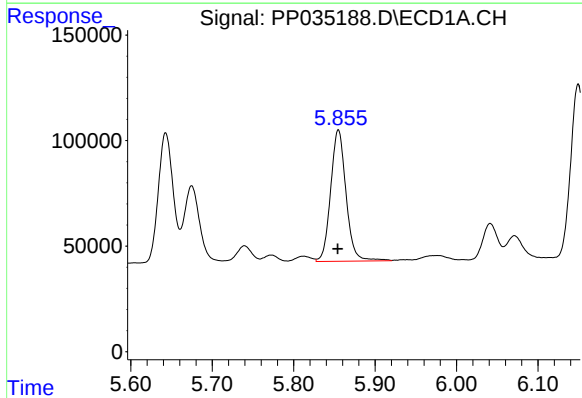
R.T.: 5.272 min
Delta R.T.: 0.000 min
Response: 541253
Conc: 381.01 ng/ml

Instrument :
ECD_P
ClientSampleId :



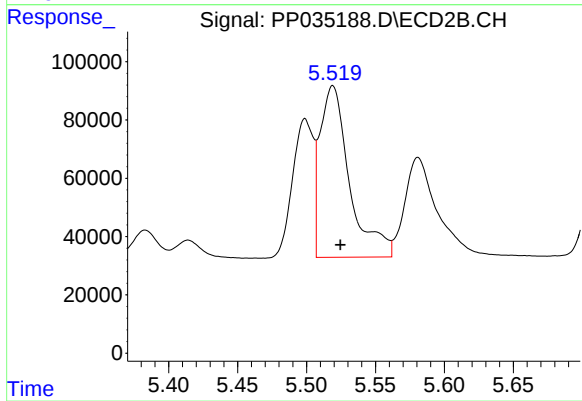
#11 AR-1232-1

R.T.: 4.693 min
Delta R.T.: -0.004 min
Response: 336596
Conc: 383.66 ng/ml



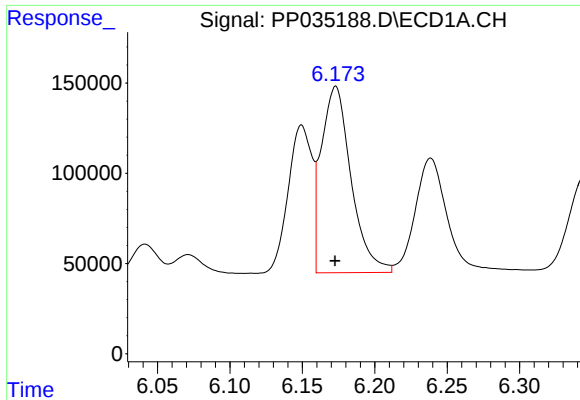
#12 AR-1232-2

R.T.: 5.855 min
Delta R.T.: 0.000 min
Response: 818892
Conc: 1016.67 ng/ml



#12 AR-1232-2

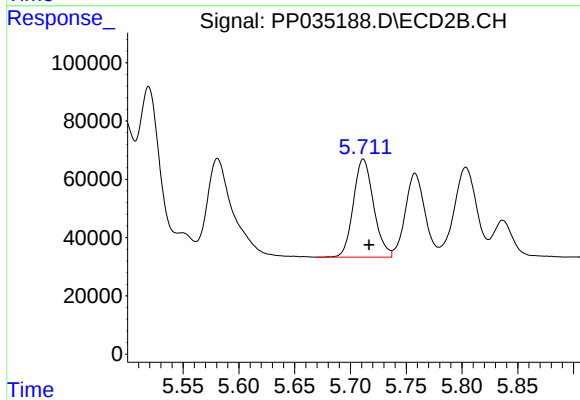
R.T.: 5.519 min
Delta R.T.: -0.005 min
Response: 875442
Conc: 1174.79 ng/ml



#13 AR-1232-3

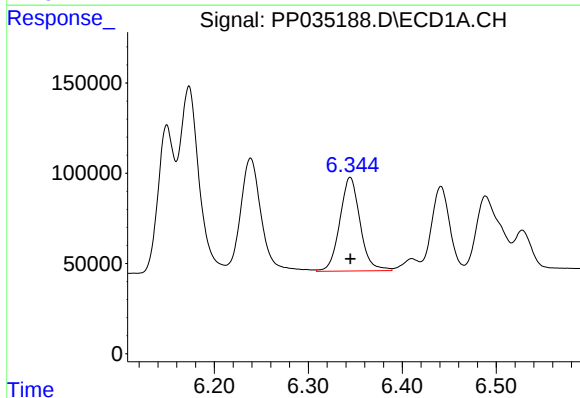
R.T.: 6.173 min
Delta R.T.: 0.000 min
Response: 1474900
Conc: 1166.41 ng/ml

Instrument :
ECD_P
ClientSampleId :



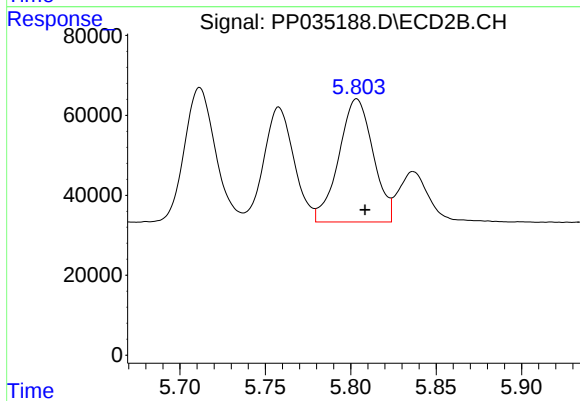
#13 AR-1232-3

R.T.: 5.712 min
Delta R.T.: -0.005 min
Response: 424807
Conc: 1236.19 ng/ml



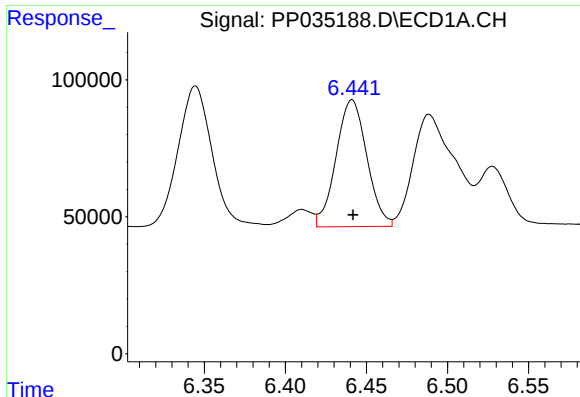
#14 AR-1232-4

R.T.: 6.345 min
Delta R.T.: 0.000 min
Response: 775751
Conc: 1218.40 ng/ml



#14 AR-1232-4

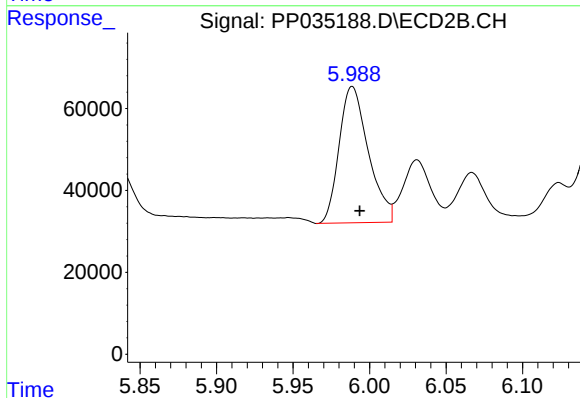
R.T.: 5.804 min
Delta R.T.: -0.005 min
Response: 430954
Conc: 1208.80 ng/ml



#15 AR-1232-5

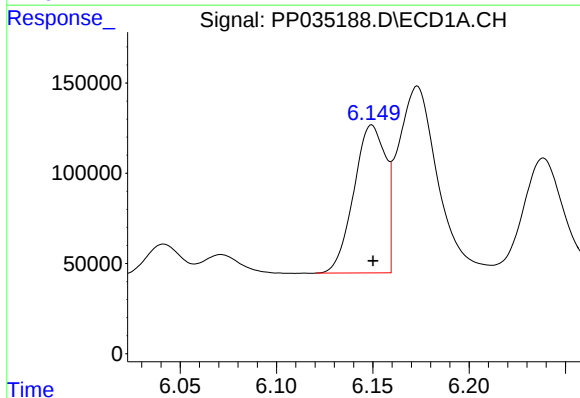
R.T.: 6.441 min
Delta R.T.: 0.000 min
Response: 612955
Conc: 1246.06 ng/ml

Instrument :
ECD_P
ClientSampleId :



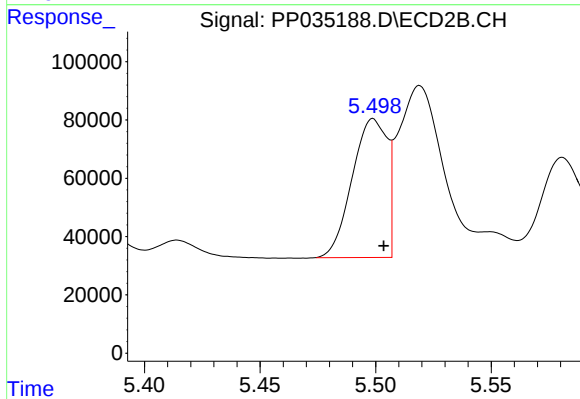
#15 AR-1232-5

R.T.: 5.989 min
Delta R.T.: -0.005 min
Response: 442951
Conc: 1183.88 ng/ml



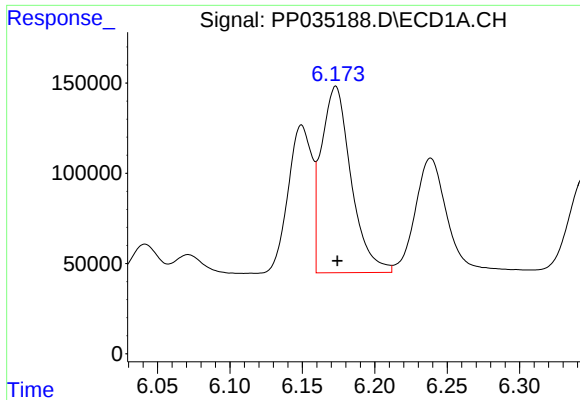
#16 AR-1242-1

R.T.: 6.149 min
Delta R.T.: 0.000 min
Response: 940028
Conc: 619.93 ng/ml



#16 AR-1242-1

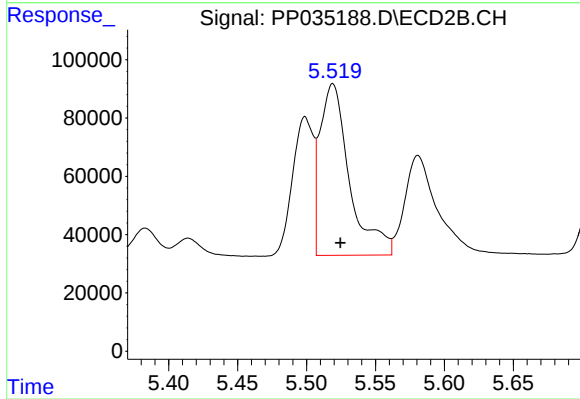
R.T.: 5.499 min
Delta R.T.: -0.005 min
Response: 501611
Conc: 645.61 ng/ml



#17 AR-1242-2

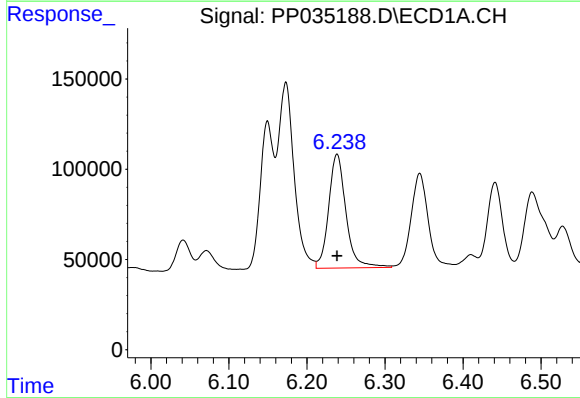
R.T.: 6.173 min
Delta R.T.: -0.001 min
Response: 1474900
Conc: 601.76 ng/ml

Instrument :
ECD_P
ClientSampleId :



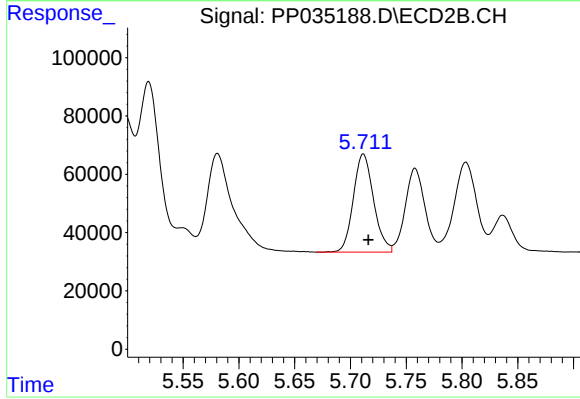
#17 AR-1242-2

R.T.: 5.519 min
Delta R.T.: -0.005 min
Response: 875442
Conc: 658.77 ng/ml



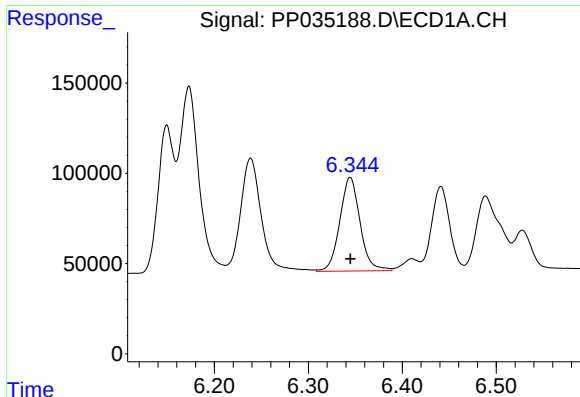
#18 AR-1242-3

R.T.: 6.239 min
Delta R.T.: 0.000 min
Response: 971894
Conc: 587.83 ng/ml



#18 AR-1242-3

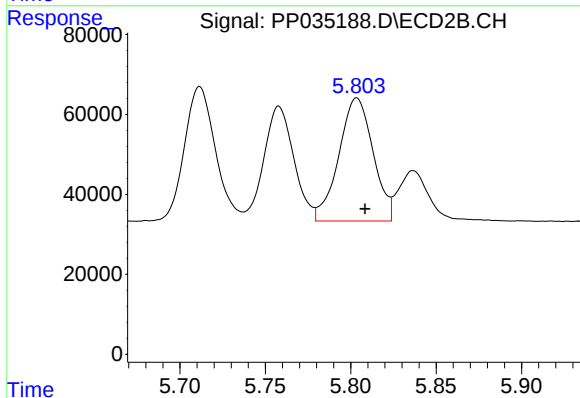
R.T.: 5.712 min
Delta R.T.: -0.005 min
Response: 424807
Conc: 643.24 ng/ml



#19 AR-1242-4

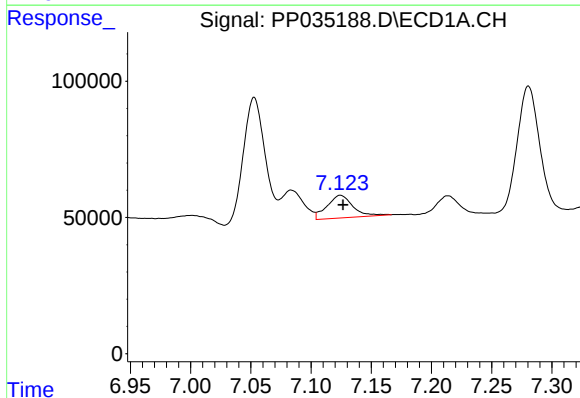
R.T.: 6.345 min
Delta R.T.: 0.000 min
Response: 775751
Conc: 596.71 ng/ml

Instrument :
ECD_P
ClientSampleId :



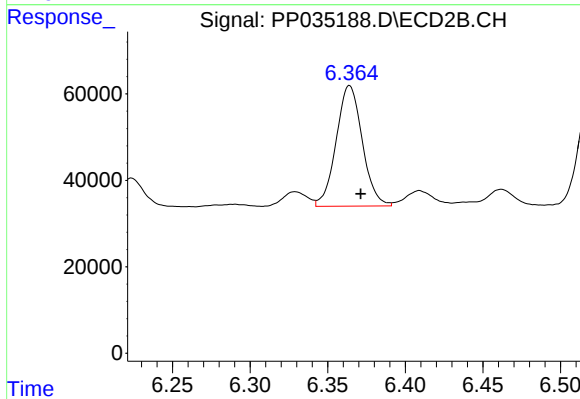
#19 AR-1242-4

R.T.: 5.804 min
Delta R.T.: -0.005 min
Response: 430954
Conc: 552.54 ng/ml



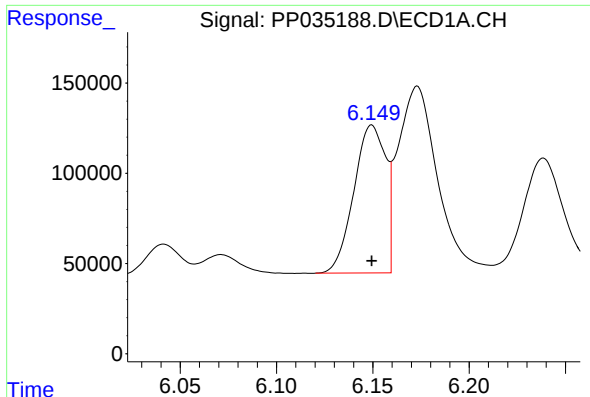
#20 AR-1242-5

R.T.: 7.124 min
Delta R.T.: -0.002 min
Response: 123794
Conc: 113.98 ng/ml



#20 AR-1242-5

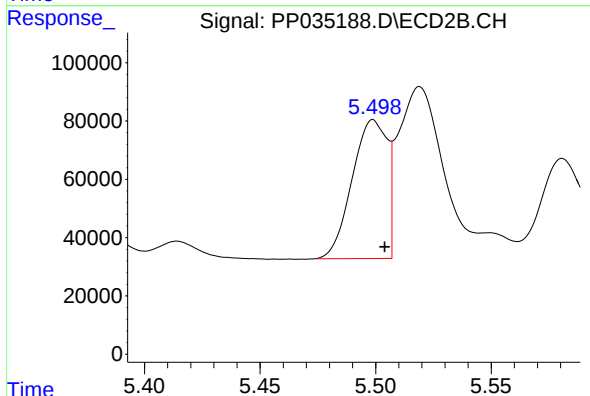
R.T.: 6.364 min
Delta R.T.: -0.007 min
Response: 326729
Conc: 439.61 ng/ml



#21 AR-1248-1

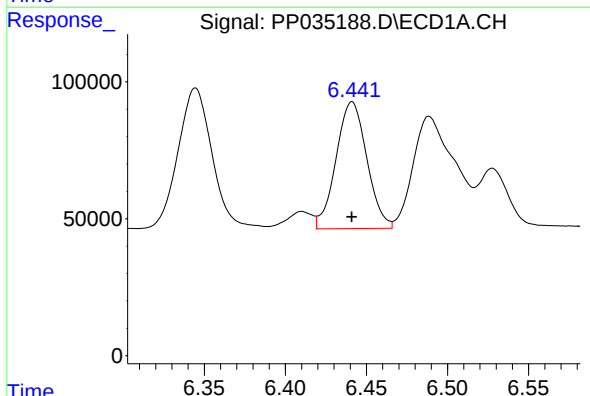
R.T.: 6.149 min
Delta R.T.: 0.000 min
Response: 940028
Conc: 785.03 ng/ml

Instrument :
ECD_P
ClientSampleId :



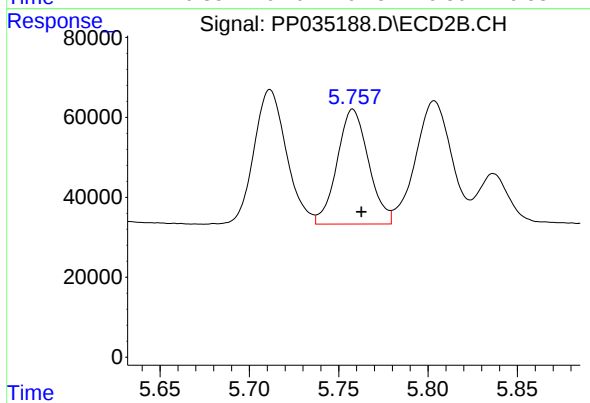
#21 AR-1248-1

R.T.: 5.499 min
Delta R.T.: -0.005 min
Response: 501611
Conc: 813.09 ng/ml



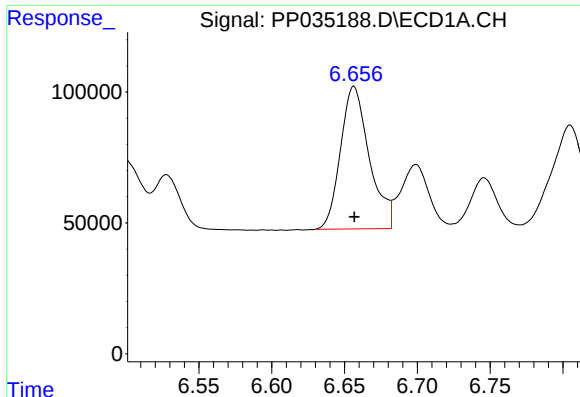
#22 AR-1248-2

R.T.: 6.441 min
Delta R.T.: 0.000 min
Response: 612955
Conc: 314.91 ng/ml



#22 AR-1248-2

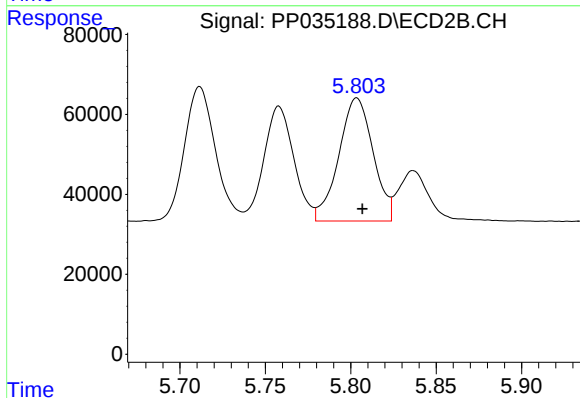
R.T.: 5.758 min
Delta R.T.: -0.005 min
Response: 352175
Conc: 329.33 ng/ml



#23 AR-1248-3

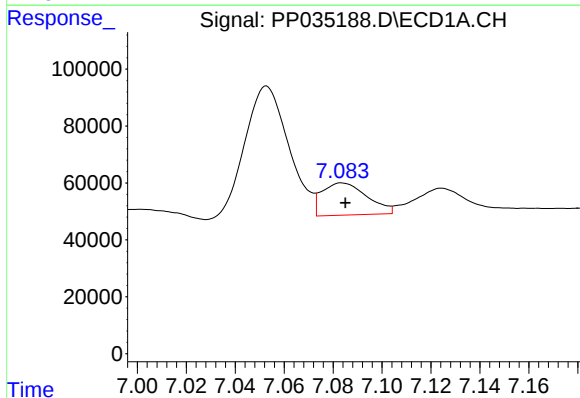
R.T.: 6.656 min
Delta R.T.: 0.000 min
Response: 749696
Conc: 332.33 ng/ml

Instrument :
ECD_P
ClientSampleId :



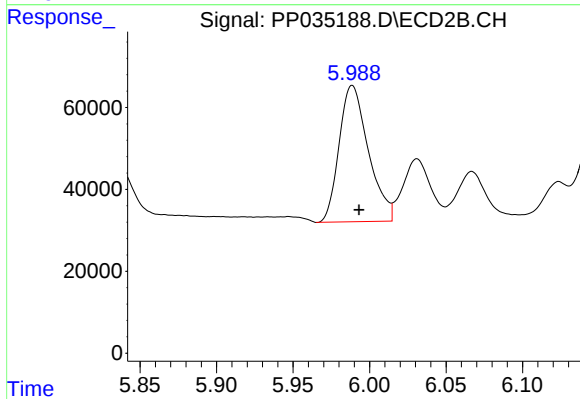
#23 AR-1248-3

R.T.: 5.804 min
Delta R.T.: -0.003 min
Response: 430954
Conc: 391.25 ng/ml



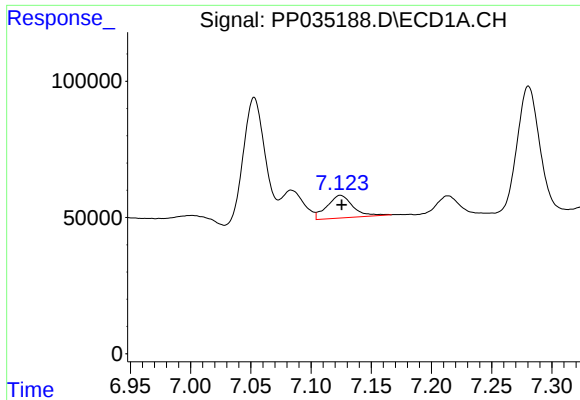
#24 AR-1248-4

R.T.: 7.084 min
Delta R.T.: -0.001 min
Response: 144593
Conc: 76.39 ng/ml



#24 AR-1248-4

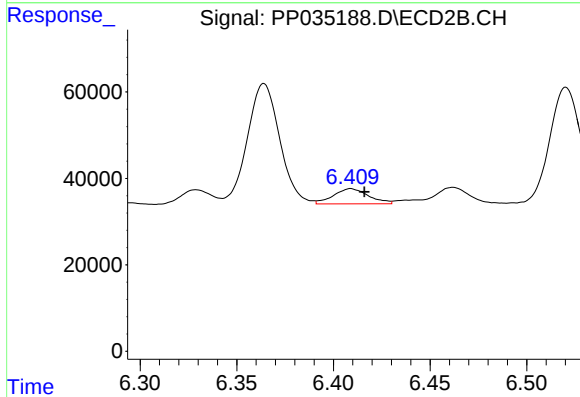
R.T.: 5.989 min
Delta R.T.: -0.004 min
Response: 442951
Conc: 351.53 ng/ml



#25 AR-1248-5

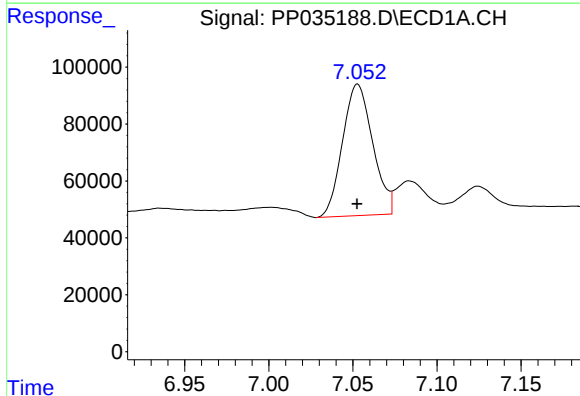
R.T.: 7.124 min
Delta R.T.: -0.001 min
Response: 123794
Conc: 64.19 ng/ml

Instrument :
ECD_P
ClientSampleId :



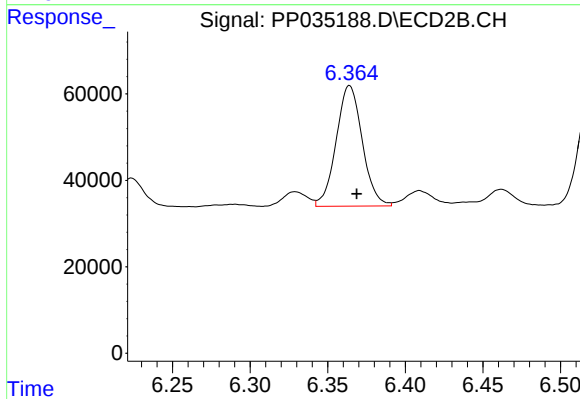
#25 AR-1248-5

R.T.: 6.409 min
Delta R.T.: -0.007 min
Response: 44530
Conc: 53.98 ng/ml



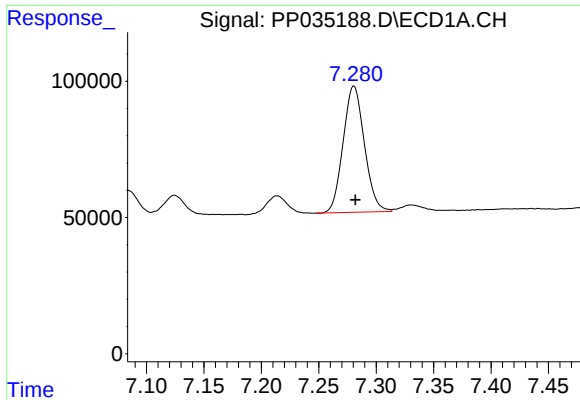
#26 AR-1254-1

R.T.: 7.053 min
Delta R.T.: 0.000 min
Response: 577604
Conc: 224.05 ng/ml



#26 AR-1254-1

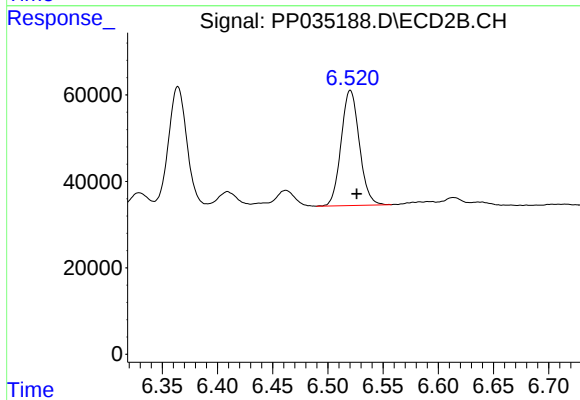
R.T.: 6.364 min
Delta R.T.: -0.005 min
Response: 326729
Conc: 193.02 ng/ml



#27 AR-1254-2

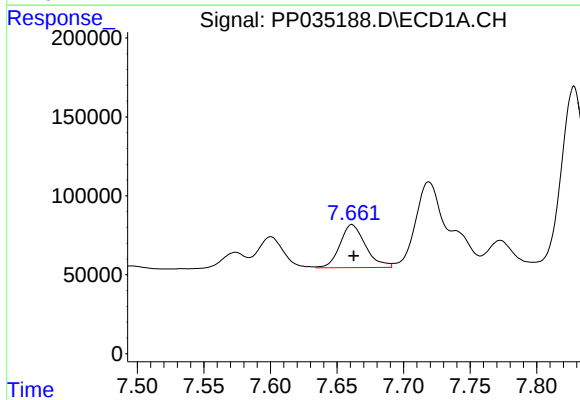
R.T.: 7.281 min
Delta R.T.: -0.001 min
Response: 600312
Conc: 158.64 ng/ml

Instrument :
ECD_P
ClientSampleId :



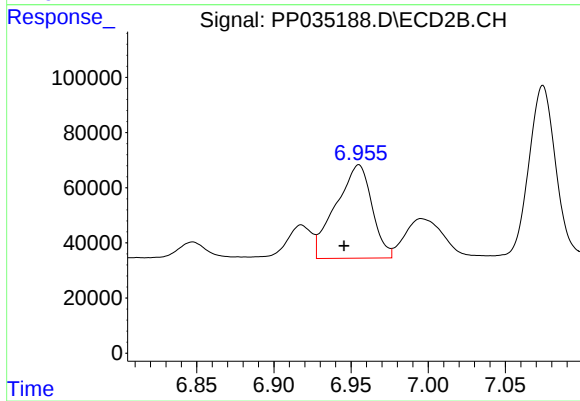
#27 AR-1254-2

R.T.: 6.520 min
Delta R.T.: -0.006 min
Response: 306359
Conc: 205.04 ng/ml



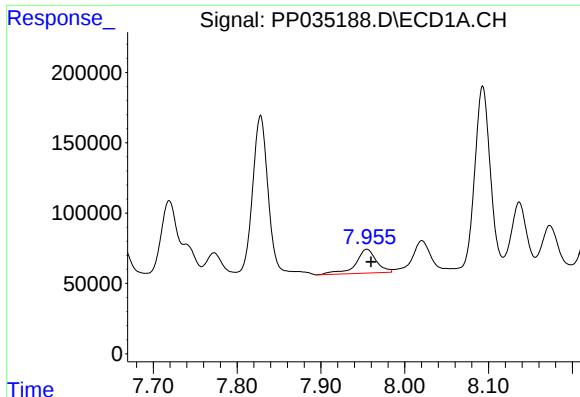
#28 AR-1254-3

R.T.: 7.661 min
Delta R.T.: -0.001 min
Response: 363975
Conc: 97.56 ng/ml



#28 AR-1254-3

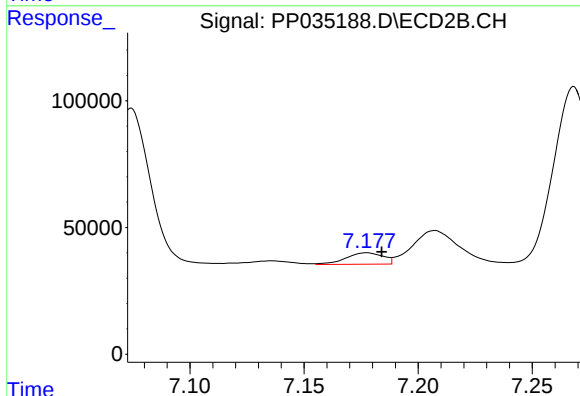
R.T.: 6.955 min
Delta R.T.: 0.009 min
Response: 552330
Conc: 259.74 ng/ml



#29 AR-1254-4

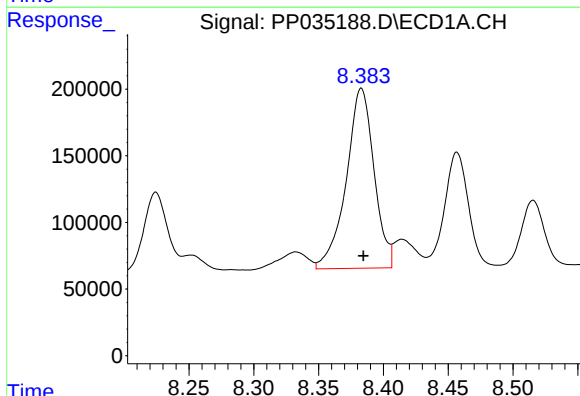
R.T.: 7.955 min
Delta R.T.: -0.005 min
Response: 293440
Conc: 140.11 ng/ml

Instrument :
ECD_P
ClientSampleId :



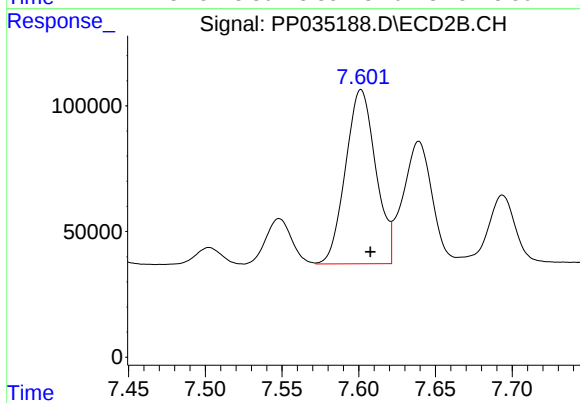
#29 AR-1254-4

R.T.: 7.177 min
Delta R.T.: -0.007 min
Response: 50618
Conc: 56.48 ng/ml



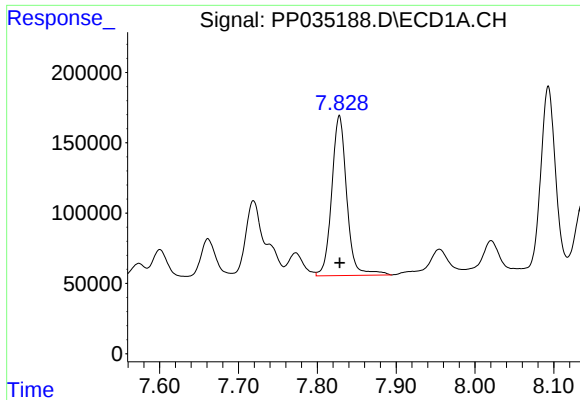
#30 AR-1254-5

R.T.: 8.383 min
Delta R.T.: -0.002 min
Response: 2014819
Conc: 692.58 ng/ml



#30 AR-1254-5

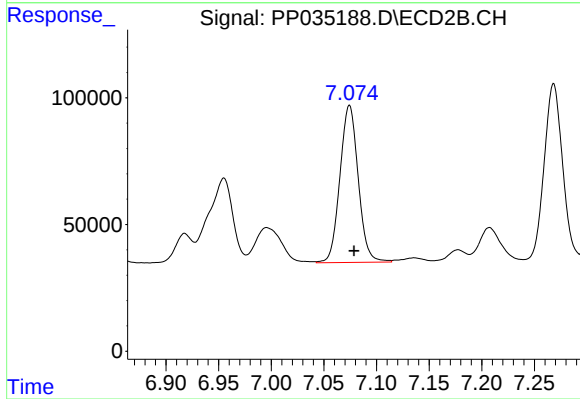
R.T.: 7.601 min
Delta R.T.: -0.006 min
Response: 952978
Conc: 536.16 ng/ml



#31 AR-1260-1

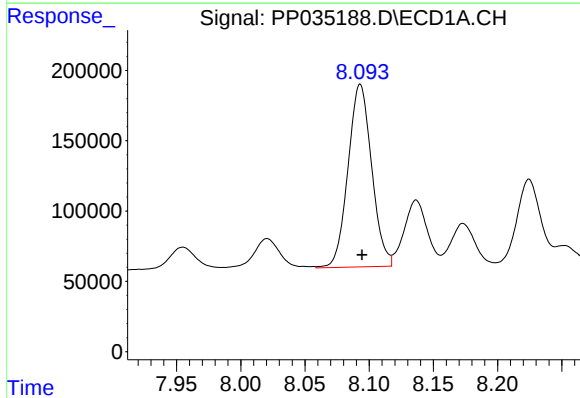
R.T.: 7.828 min
Delta R.T.: 0.000 min
Response: 1505953
Conc: 447.17 ng/ml

Instrument :
ECD_P
ClientSampleId :



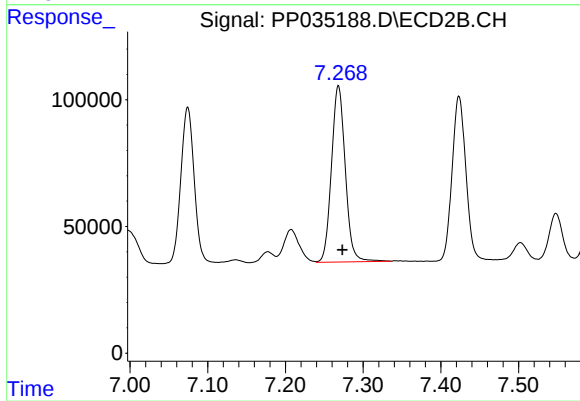
#31 AR-1260-1

R.T.: 7.074 min
Delta R.T.: -0.004 min
Response: 750838
Conc: 429.16 ng/ml



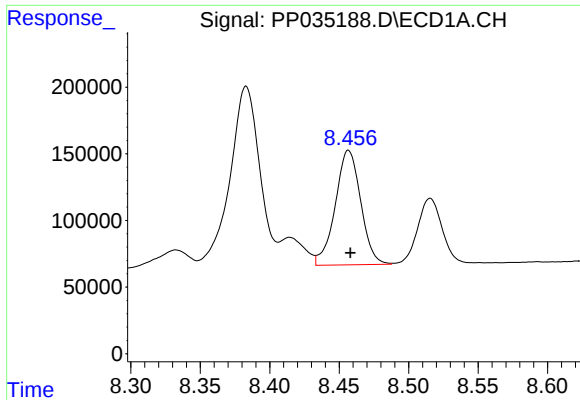
#32 AR-1260-2

R.T.: 8.093 min
Delta R.T.: -0.002 min
Response: 1660984
Conc: 487.89 ng/ml



#32 AR-1260-2

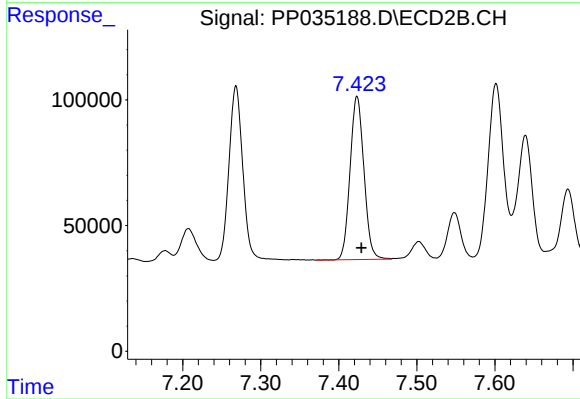
R.T.: 7.268 min
Delta R.T.: -0.005 min
Response: 857925
Conc: 481.27 ng/ml



#33 AR-1260-3

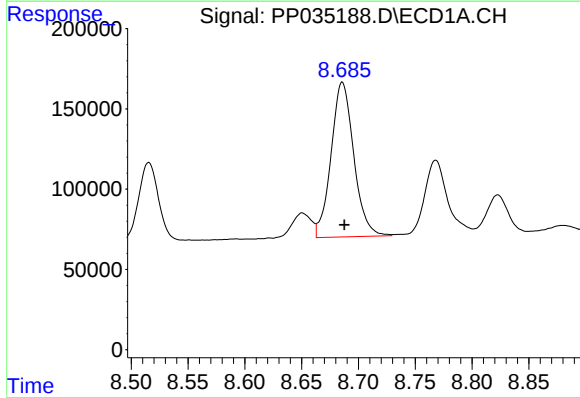
R.T.: 8.457 min
Delta R.T.: -0.001 min
Response: 1095792
Conc: 436.57 ng/ml

Instrument :
ECD_P
ClientSampleId :



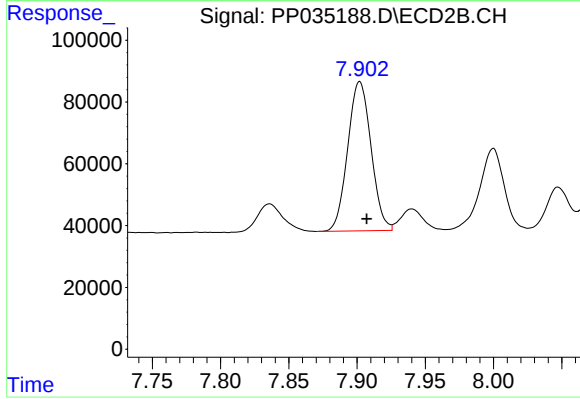
#33 AR-1260-3

R.T.: 7.423 min
Delta R.T.: -0.006 min
Response: 799741
Conc: 443.53 ng/ml



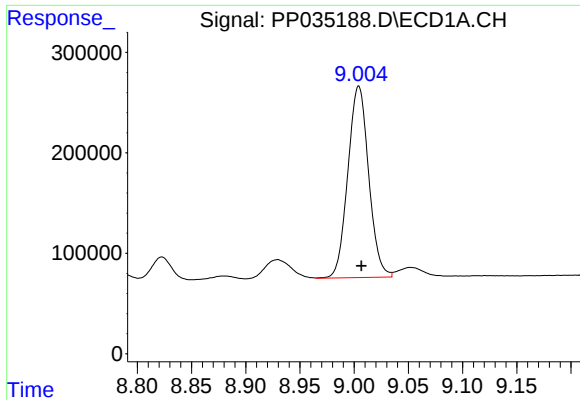
#34 AR-1260-4

R.T.: 8.686 min
Delta R.T.: -0.002 min
Response: 1339681
Conc: 456.41 ng/ml



#34 AR-1260-4

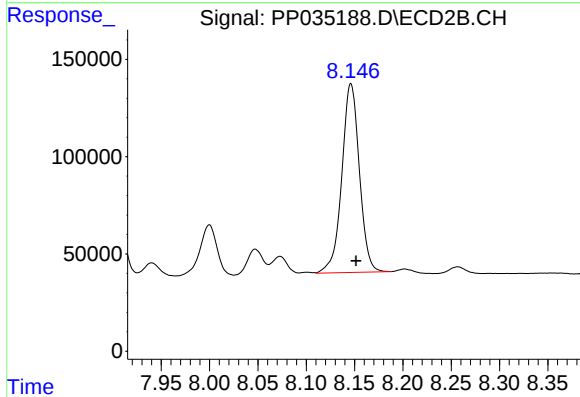
R.T.: 7.902 min
Delta R.T.: -0.005 min
Response: 575261
Conc: 451.93 ng/ml



#35 AR-1260-5

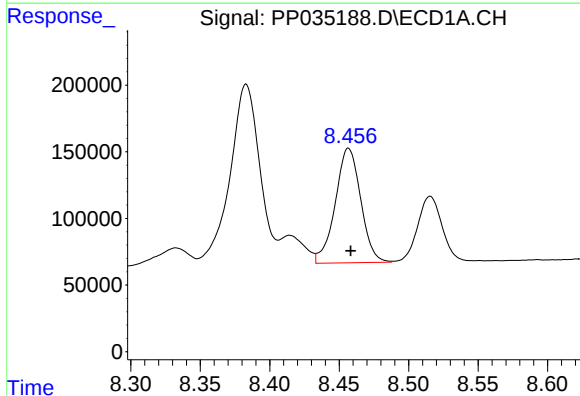
R.T.: 9.004 min
Delta R.T.: -0.003 min
Response: 2546044
Conc: 517.53 ng/ml

Instrument :
ECD_P
ClientSampleId :



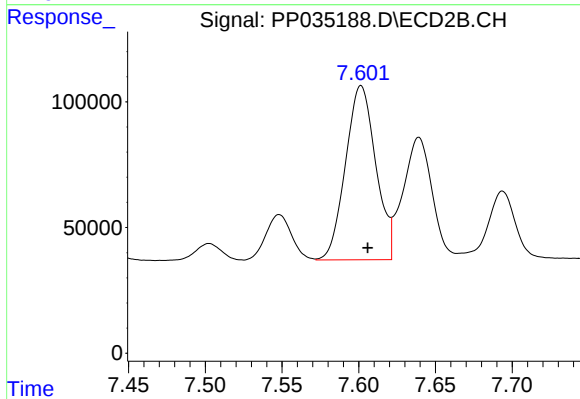
#35 AR-1260-5

R.T.: 8.146 min
Delta R.T.: -0.005 min
Response: 1226932
Conc: 504.65 ng/ml



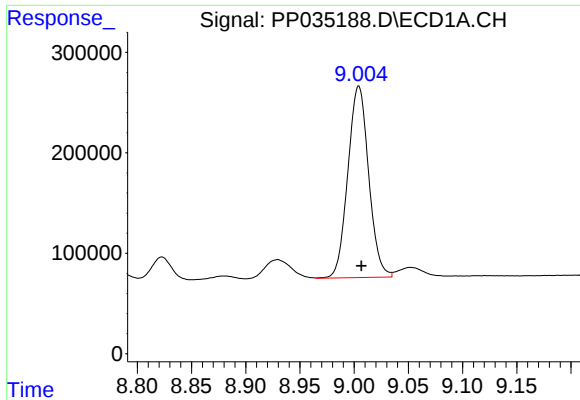
#36 AR-1262-1

R.T.: 8.457 min
Delta R.T.: -0.002 min
Response: 1095792
Conc: 292.81 ng/ml



#36 AR-1262-1

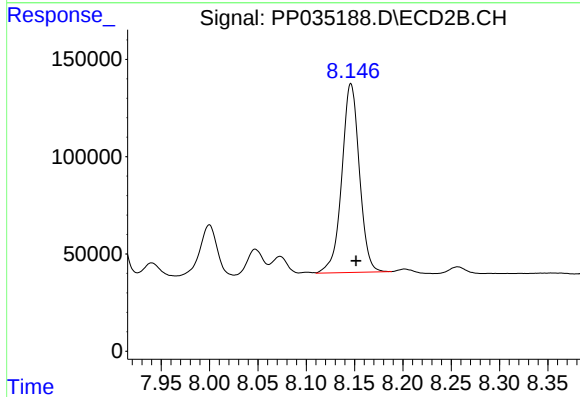
R.T.: 7.601 min
Delta R.T.: -0.004 min
Response: 952978
Conc: 1124.82 ng/ml



#37 AR-1262-2

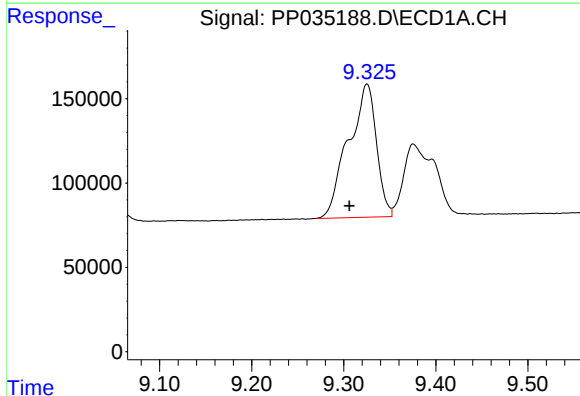
R.T.: 9.004 min
Delta R.T.: -0.003 min
Response: 2546044
Conc: 438.39 ng/ml

Instrument :
ECD_P
ClientSampleId :



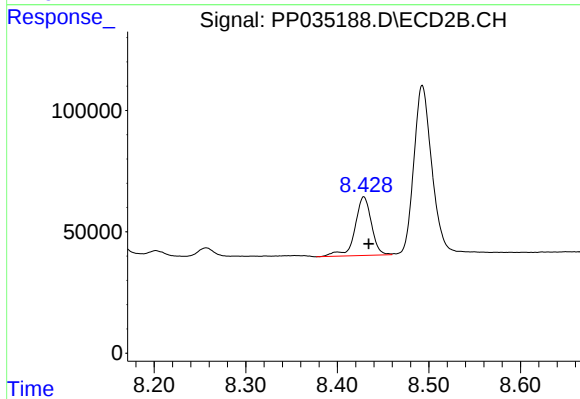
#37 AR-1262-2

R.T.: 8.146 min
Delta R.T.: -0.005 min
Response: 1226932
Conc: 458.24 ng/ml



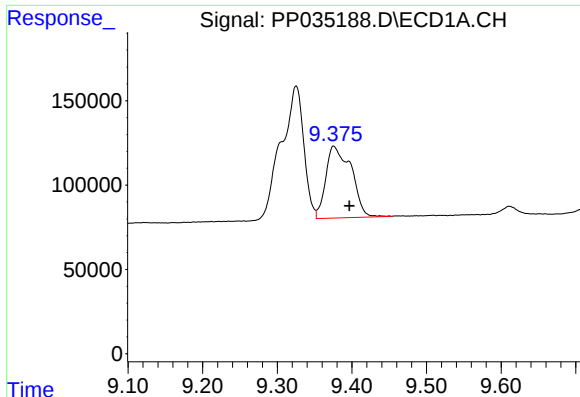
#38 AR-1262-3

R.T.: 9.325 min
Delta R.T.: 0.019 min
Response: 1670515
Conc: 388.72 ng/ml



#38 AR-1262-3

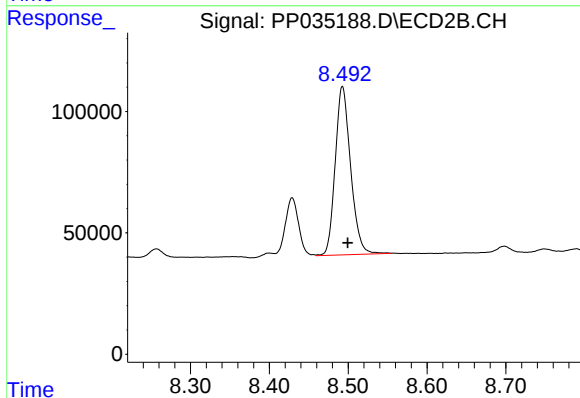
R.T.: 8.429 min
Delta R.T.: -0.005 min
Response: 301508
Conc: 242.24 ng/ml



#39 AR-1262-4

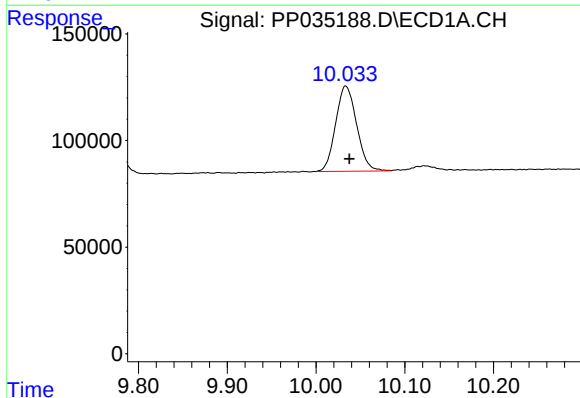
R.T.: 9.376 min
Delta R.T.: -0.021 min
Response: 1008492
Conc: 280.11 ng/ml

Instrument :
ECD_P
ClientSampleId :



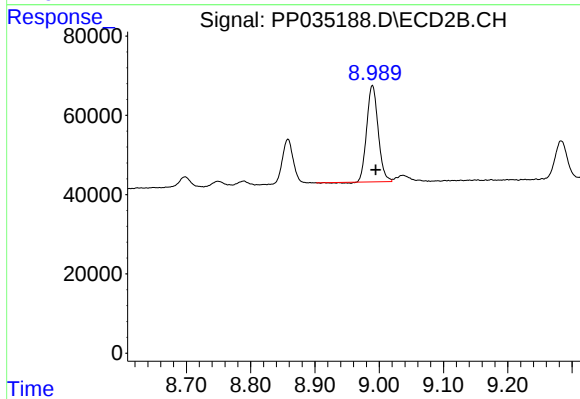
#39 AR-1262-4

R.T.: 8.493 min
Delta R.T.: -0.006 min
Response: 940988
Conc: 439.66 ng/ml



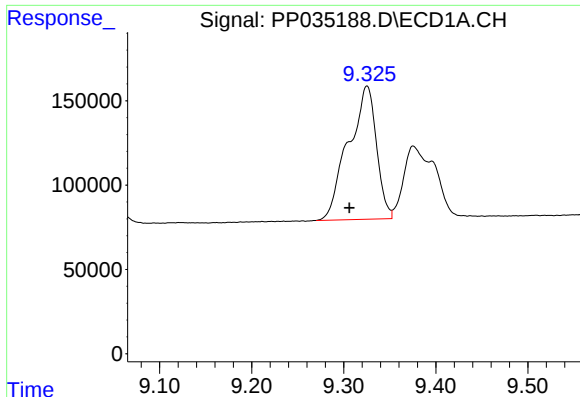
#40 AR-1262-5

R.T.: 10.033 min
Delta R.T.: -0.004 min
Response: 657701
Conc: 310.51 ng/ml



#40 AR-1262-5

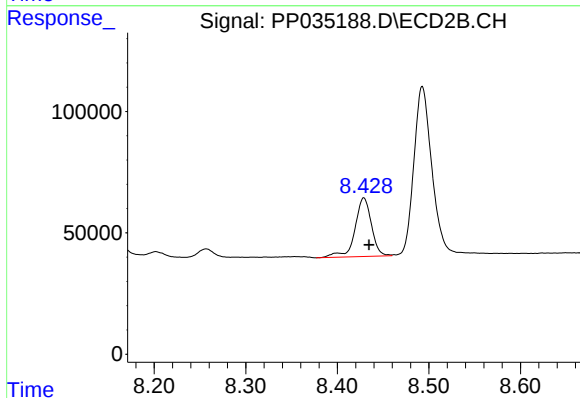
R.T.: 8.989 min
Delta R.T.: -0.005 min
Response: 299368
Conc: 348.83 ng/ml



#41 AR-1268-1

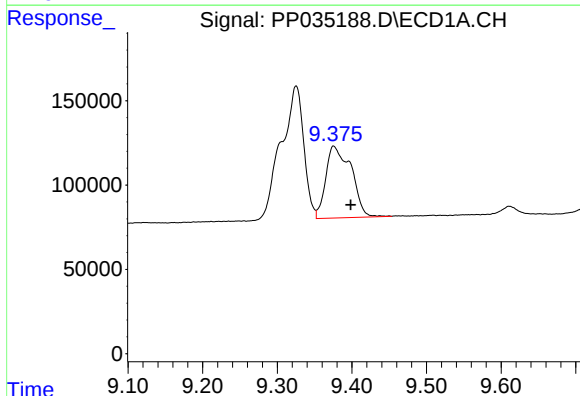
R.T.: 9.325 min
Delta R.T.: 0.019 min
Response: 1670515
Conc: 201.62 ng/ml

Instrument :
ECD_P
ClientSampleId :



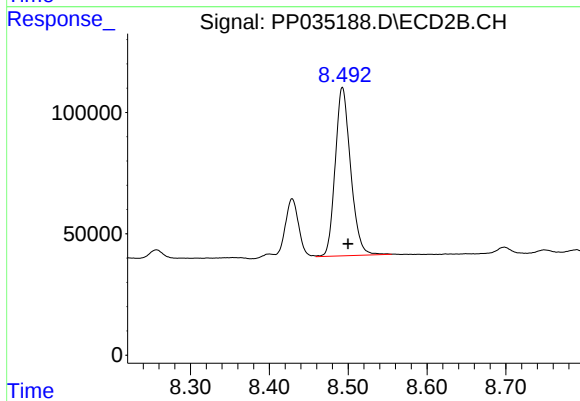
#41 AR-1268-1

R.T.: 8.429 min
Delta R.T.: -0.006 min
Response: 301508
Conc: 85.30 ng/ml



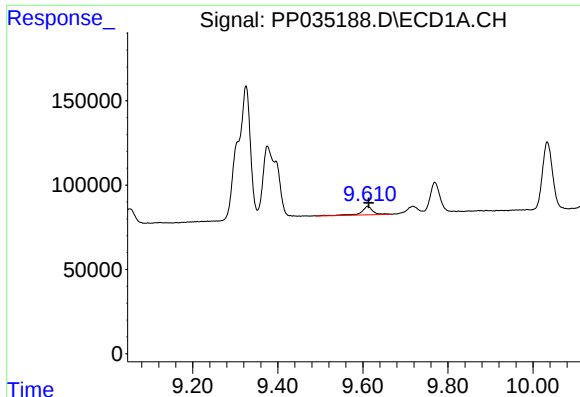
#42 AR-1268-2

R.T.: 9.376 min
Delta R.T.: -0.023 min
Response: 1008492
Conc: 126.23 ng/ml



#42 AR-1268-2

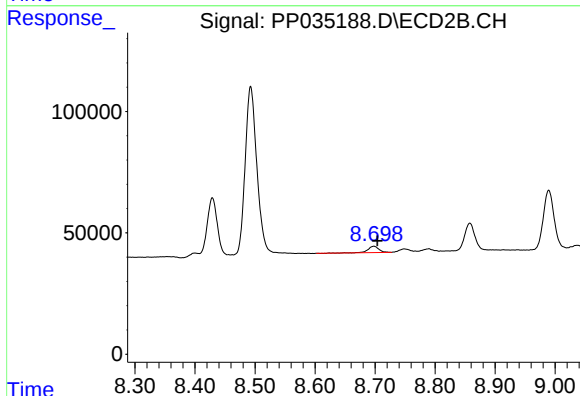
R.T.: 8.493 min
Delta R.T.: -0.007 min
Response: 940988
Conc: 278.22 ng/ml



#43 AR-1268-3

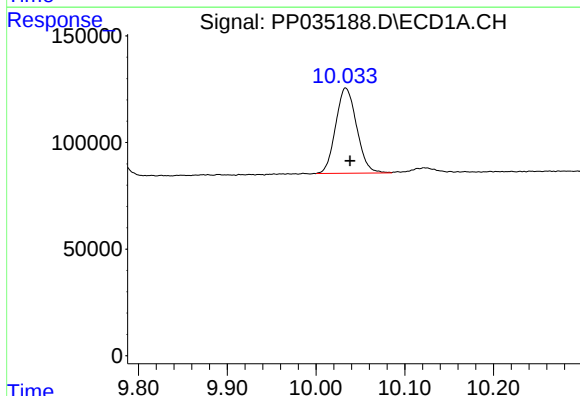
R.T.: 9.611 min
Delta R.T.: -0.003 min
Response: 95519
Conc: 12.53 ng/ml

Instrument :
ECD_P
ClientSampleId :



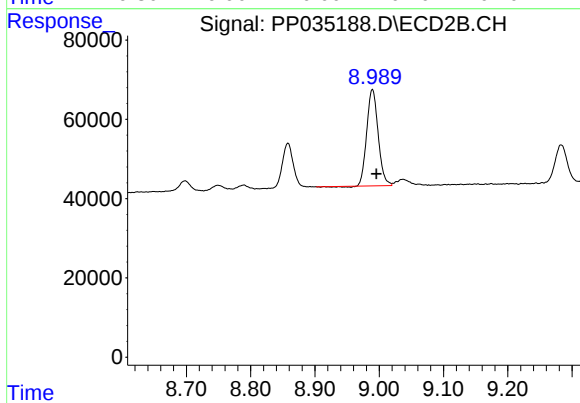
#43 AR-1268-3

R.T.: 8.698 min
Delta R.T.: -0.006 min
Response: 33736
Conc: 10.88 ng/ml



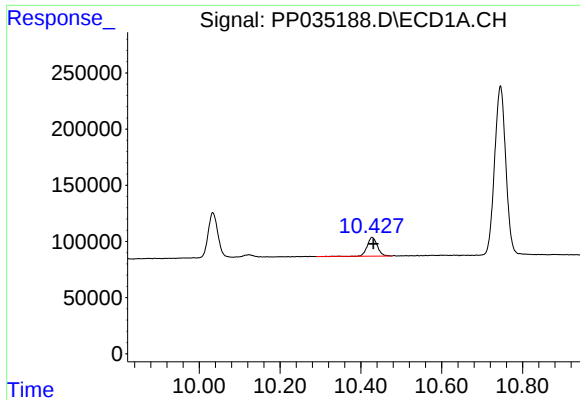
#44 AR-1268-4

R.T.: 10.033 min
Delta R.T.: -0.005 min
Response: 657701
Conc: 275.14 ng/ml



#44 AR-1268-4

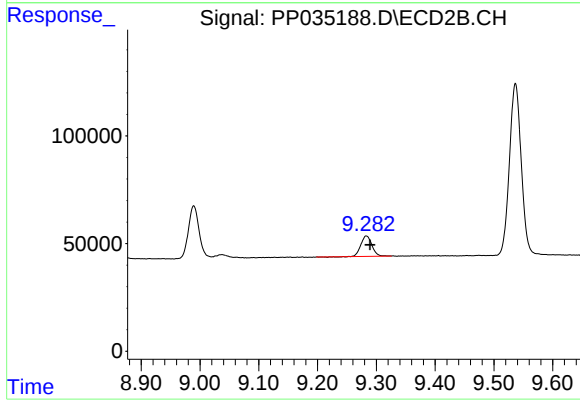
R.T.: 8.989 min
Delta R.T.: -0.006 min
Response: 299368
Conc: 283.92 ng/ml



#45 AR-1268-5

R.T.: 10.428 min
Delta R.T.: -0.003 min
Response: 290016
Conc: 13.08 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 9.283 min
Delta R.T.: -0.007 min
Response: 123495
Conc: 15.88 ng/ml