

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070221\
 Data File : PP037008.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 02 Jul 2021 21:34
 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: Jul 03 02:11:51 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061721.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Jun 18 06:06:19 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...	4.961	3.953	2510021	1612343	56.790	52.056
2)	SA Decachlor...	10.995	9.248	2200222	1352908	51.290	42.304
Target Compounds							
3)	L1 AR-1016-1	6.281	5.204	908823	570681	536.543	484.096
4)	L1 AR-1016-2	6.305	5.224	1287719	789776	534.047	486.273
5)	L1 AR-1016-3	6.370	5.414	821555	435804	534.430	483.037
6)	L1 AR-1016-4	6.478	5.468	690590	333500	537.196	469.795
7)	L1 AR-1016-5	6.793	5.695	681572	440388	532.872	485.958
8)	L2 AR-1221-1	5.205	4.207	88882	57459	158.318	147.652
9)	L2 AR-1221-2	5.310	4.306	133216	82588	309.135	276.691
10)	L2 AR-1221-3	5.396	4.395	502481	312491	389.755	346.047
11)	L3 AR-1232-1	5.396	4.395	502481	312491	471.779	424.773
12)	L3 AR-1232-2	5.986	5.224	685112	789776	1245.711	1181.112
13)	L3 AR-1232-3	6.305	5.414	1287719	435804	1260.544	1201.305
14)	L3 AR-1232-4	6.478	5.512	690590	404737	1279.388	1292.502
15)	L3 AR-1232-5	6.575	5.695	538820	440388	1470.168	1236.374
16)	L4 AR-1242-1	6.281	5.204	908823	570681	708.721	641.147
17)	L4 AR-1242-2	6.305	5.224	1287719	789776	705.669	647.459
18)	L4 AR-1242-3	6.370	5.414	821555	435804	700.293	647.668
19)	L4 AR-1242-4	6.478	5.512	690590	404737	713.591	625.146
20)	L4 AR-1242-5	7.261	6.074	261651	372245	248.747	456.237 #
21)	L5 AR-1248-1	6.281	5.204	908823	570681	900.873	819.039
22)	L5 AR-1248-2	6.575	5.468	538820	333500	396.757	352.098
23)	L5 AR-1248-3	6.793	5.512	681572	404737	418.894	409.058
24)	L5 AR-1248-4	7.220	5.695	237523	440388	130.097	376.488 #
25)	L5 AR-1248-5	7.261	6.117	261651	86652	145.116	73.052 #
26)	L6 AR-1254-1	7.190	6.074	596840	372245	339.371	219.696 #
27)	L6 AR-1254-2	7.419	6.235	671995	298381	248.361	200.606
28)	L6 AR-1254-3	7.802	6.674	507429	427462	171.310	175.826
29)	L6 AR-1254-4	8.096	6.895	269769	83659	122.714	54.062 #
30)	L6 AR-1254-5	8.525	7.323	1586257	1020133	667.016	474.417 #
31)	L7 AR-1260-1	7.968	6.792	1160773	735744	534.794	456.973
32)	L7 AR-1260-2	8.234	6.991	1366492	889038	533.172	458.441
33)	L7 AR-1260-3	8.599	7.144	1028836	855613	513.268	470.455
34)	L7 AR-1260-4	8.830	7.628	1225907	707293	517.426	456.098
35)	L7 AR-1260-5	9.159	7.877	2304551	1654119	516.494	450.131
36)	L8 AR-1262-1	8.599	7.323	1028836	1020133	361.065	855.898 #
37)	L8 AR-1262-2	9.159	7.877	2304551	1654119	453.578	421.965
38)	L8 AR-1262-3	9.495f	8.165	1570658	384038	423.981	241.314 #
39)	L8 AR-1262-4	9.547f	8.226	1001403	1255257	348.659	421.742
40)	L8 AR-1262-5	10.239	8.726	789297	459703	373.590	322.589
41)	L9 AR-1268-1	9.495f	8.165	1570658	384038	261.798	82.472 #

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 Acq On : 02 Jul 2021 21:34
 Operator : DD\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

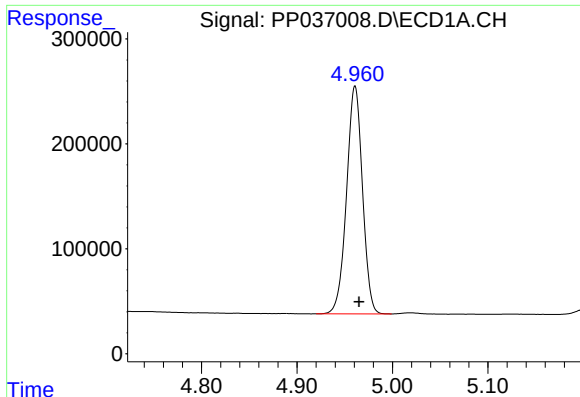
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 03 02:11:51 2021
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 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	9.547f	8.226	1001403	1255257	175.674	291.001 #
43) L9	AR-1268-3	9.795	8.437	35235	18982	7.329	5.199 #
44) L9	AR-1268-4	10.239	8.726	789297	459703	335.087	288.990
45) L9	AR-1268-5	10.656	9.006	259442	153232	16.871	12.961

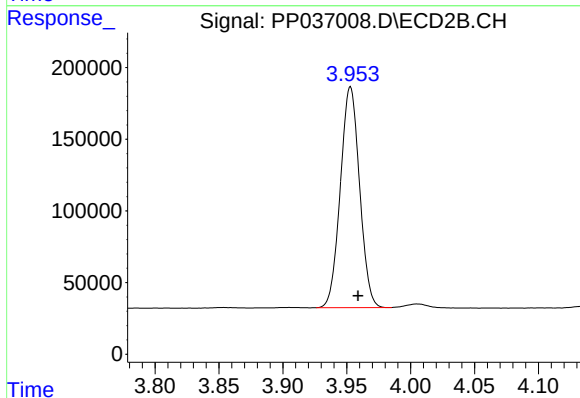
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

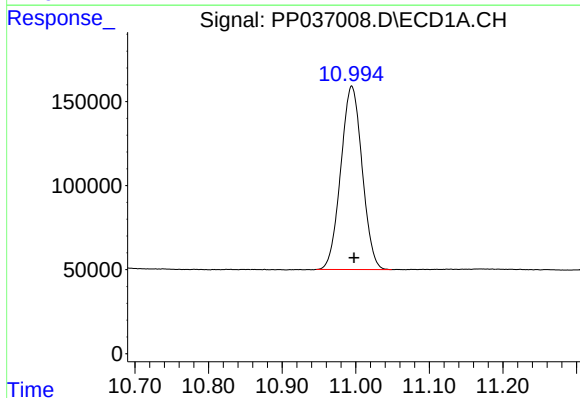
R.T.: 4.961 min
Delta R.T.: -0.004 min
Response: 2510021
Conc: 56.79 ng/ml

Instrument :
ECD_P
ClientSampleId :



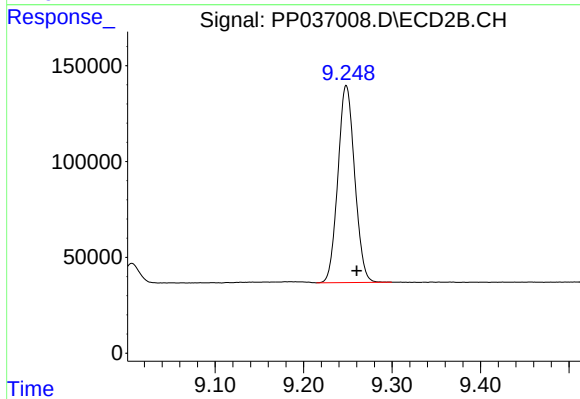
#1 Tetrachloro-m-xylene

R.T.: 3.953 min
Delta R.T.: -0.006 min
Response: 1612343
Conc: 52.06 ng/ml



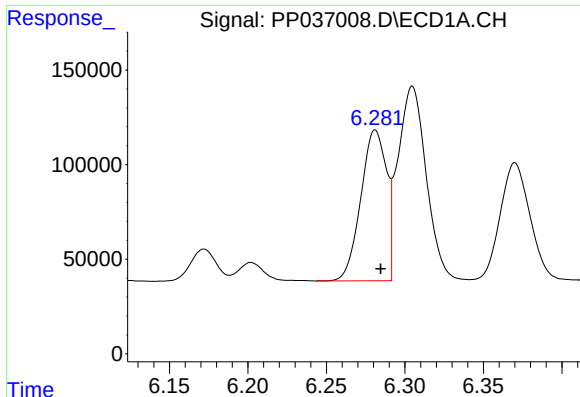
#2 Decachlorobiphenyl

R.T.: 10.995 min
Delta R.T.: -0.003 min
Response: 2200222
Conc: 51.29 ng/ml



#2 Decachlorobiphenyl

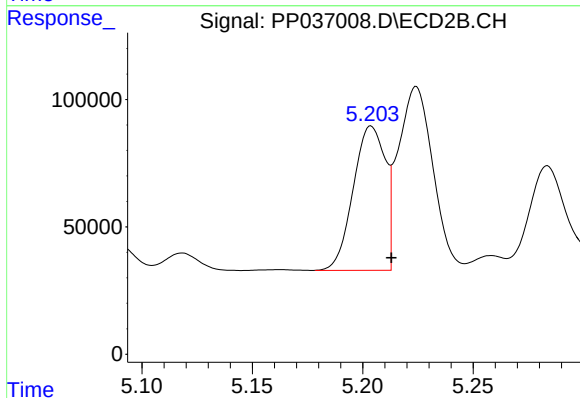
R.T.: 9.248 min
Delta R.T.: -0.012 min
Response: 1352908
Conc: 42.30 ng/ml



#3 AR-1016-1

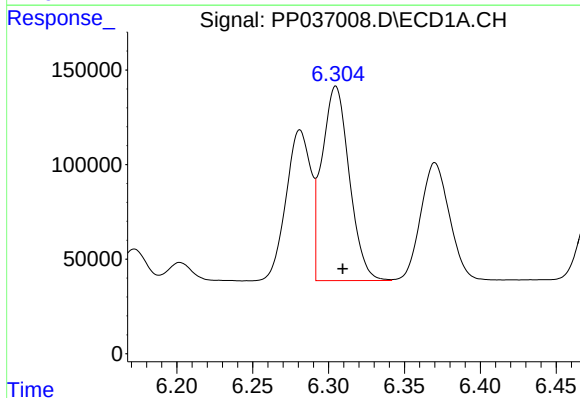
R.T.: 6.281 min
Delta R.T.: -0.004 min
Response: 908823
Conc: 536.54 ng/ml

Instrument :
ECD_P
ClientSampleId :



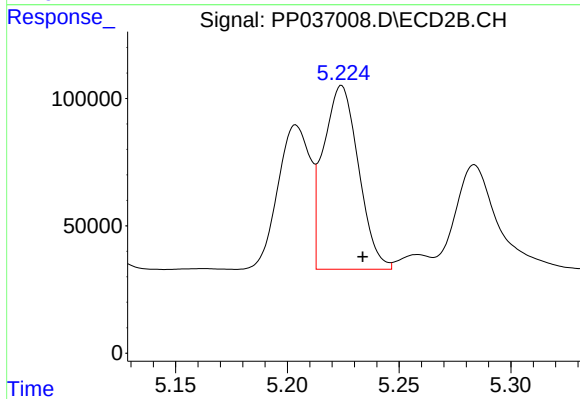
#3 AR-1016-1

R.T.: 5.204 min
Delta R.T.: -0.009 min
Response: 570681
Conc: 484.10 ng/ml



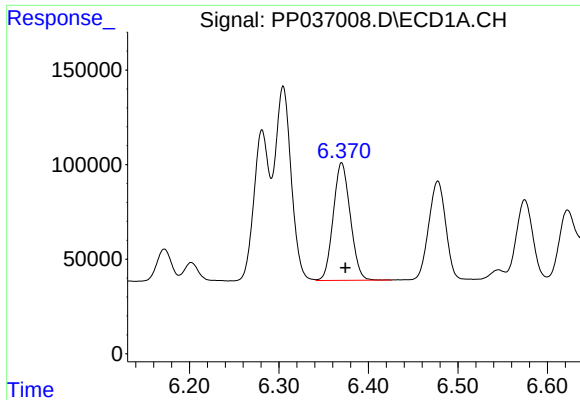
#4 AR-1016-2

R.T.: 6.305 min
Delta R.T.: -0.005 min
Response: 1287719
Conc: 534.05 ng/ml



#4 AR-1016-2

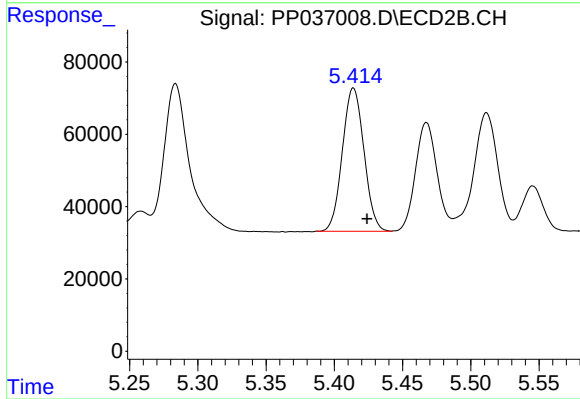
R.T.: 5.224 min
Delta R.T.: -0.009 min
Response: 789776
Conc: 486.27 ng/ml



#5 AR-1016-3

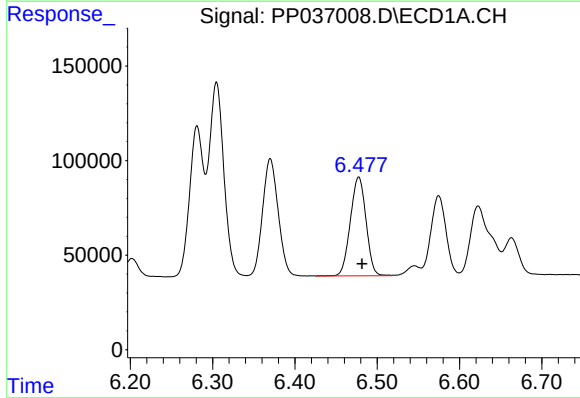
R.T.: 6.370 min
Delta R.T.: -0.004 min
Response: 821555
Conc: 534.43 ng/ml

Instrument :
ECD_P
ClientSampleId :



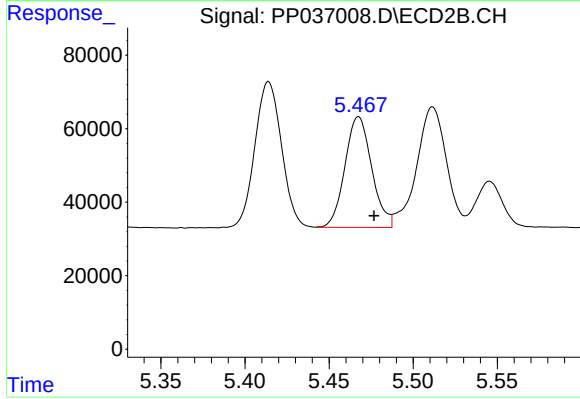
#5 AR-1016-3

R.T.: 5.414 min
Delta R.T.: -0.010 min
Response: 435804
Conc: 483.04 ng/ml



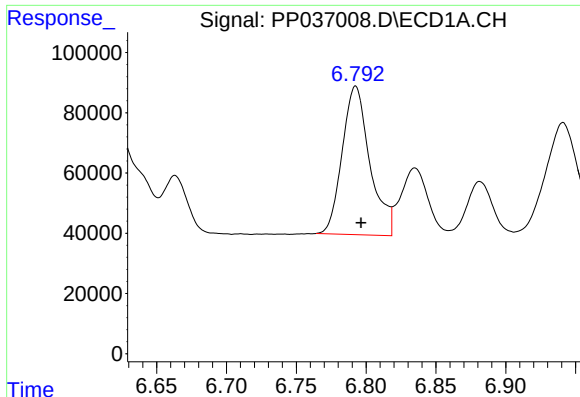
#6 AR-1016-4

R.T.: 6.478 min
Delta R.T.: -0.004 min
Response: 690590
Conc: 537.20 ng/ml



#6 AR-1016-4

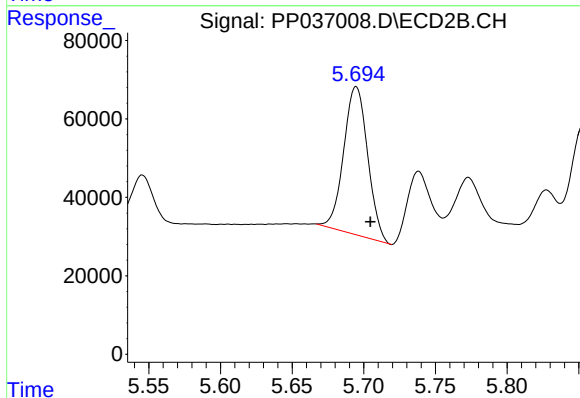
R.T.: 5.468 min
Delta R.T.: -0.009 min
Response: 333500
Conc: 469.80 ng/ml



#7 AR-1016-5

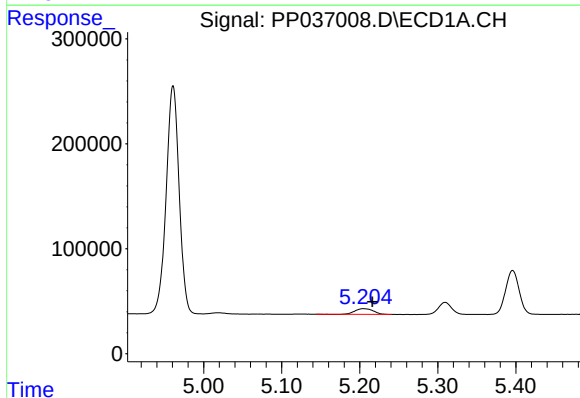
R.T.: 6.793 min
Delta R.T.: -0.004 min
Response: 681572
Conc: 532.87 ng/ml

Instrument :
ECD_P
ClientSampleId :



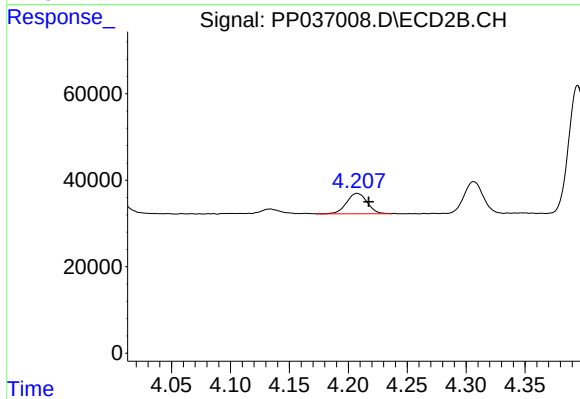
#7 AR-1016-5

R.T.: 5.695 min
Delta R.T.: -0.010 min
Response: 440388
Conc: 485.96 ng/ml



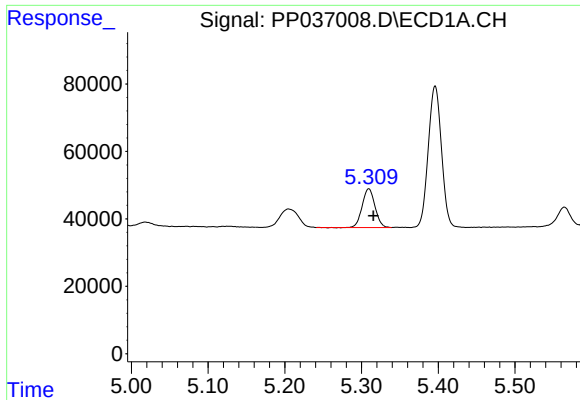
#8 AR-1221-1

R.T.: 5.205 min
Delta R.T.: -0.011 min
Response: 88882
Conc: 158.32 ng/ml



#8 AR-1221-1

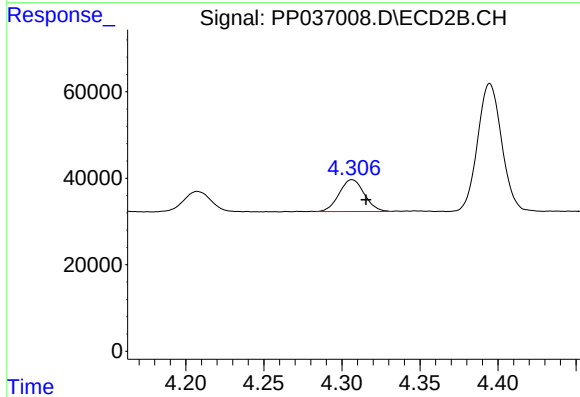
R.T.: 4.207 min
Delta R.T.: -0.010 min
Response: 57459
Conc: 147.65 ng/ml



#9 AR-1221-2

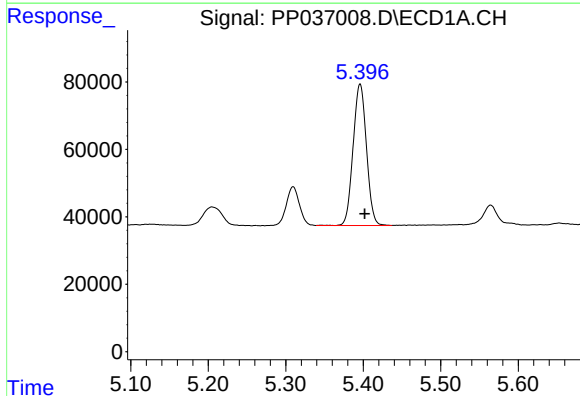
R.T.: 5.310 min
Delta R.T.: -0.006 min
Response: 133216
Conc: 309.13 ng/ml

Instrument :
ECD_P
ClientSampleId :



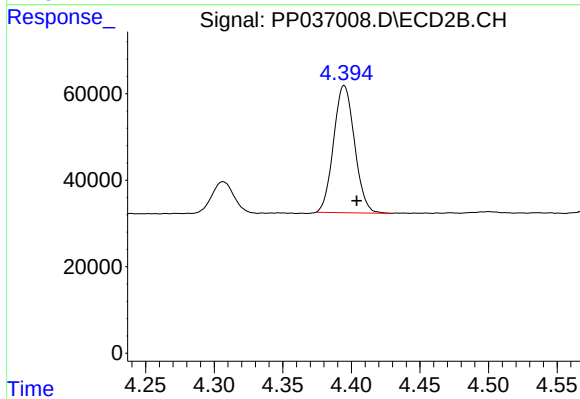
#9 AR-1221-2

R.T.: 4.306 min
Delta R.T.: -0.009 min
Response: 82588
Conc: 276.69 ng/ml



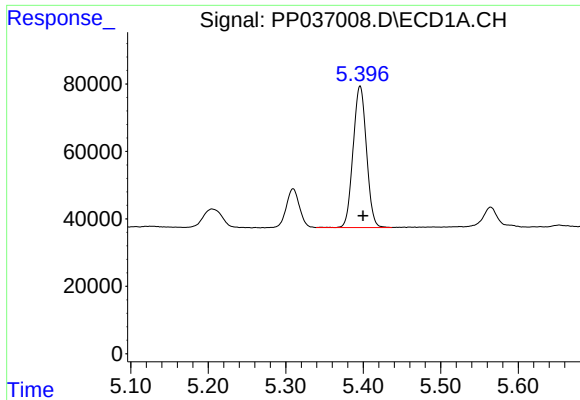
#10 AR-1221-3

R.T.: 5.396 min
Delta R.T.: -0.006 min
Response: 502481
Conc: 389.76 ng/ml



#10 AR-1221-3

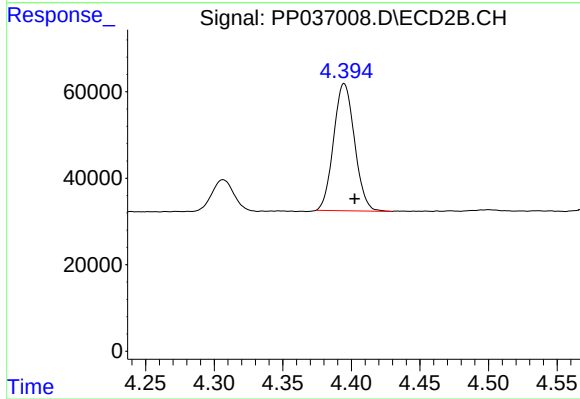
R.T.: 4.395 min
Delta R.T.: -0.009 min
Response: 312491
Conc: 346.05 ng/ml



#11 AR-1232-1

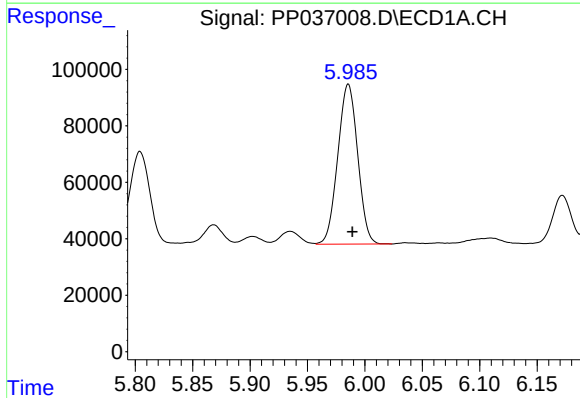
R.T.: 5.396 min
Delta R.T.: -0.004 min
Response: 502481
Conc: 471.78 ng/ml

Instrument :
ECD_P
ClientSampleId :



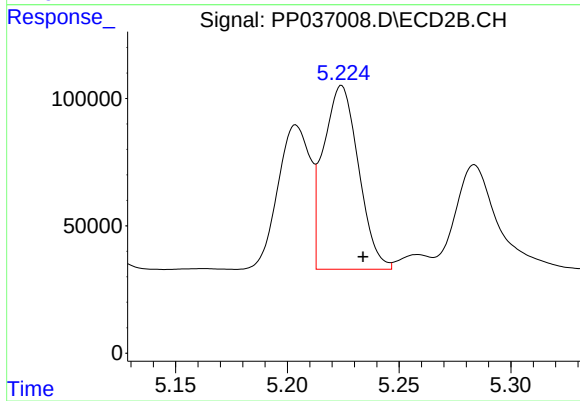
#11 AR-1232-1

R.T.: 4.395 min
Delta R.T.: -0.008 min
Response: 312491
Conc: 424.77 ng/ml



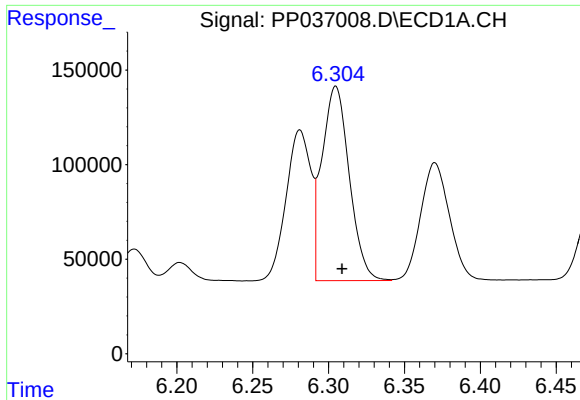
#12 AR-1232-2

R.T.: 5.986 min
Delta R.T.: -0.004 min
Response: 685112
Conc: 1245.71 ng/ml



#12 AR-1232-2

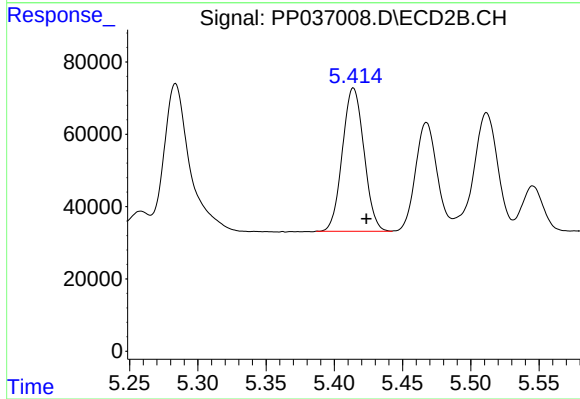
R.T.: 5.224 min
Delta R.T.: -0.010 min
Response: 789776
Conc: 1181.11 ng/ml



#13 AR-1232-3

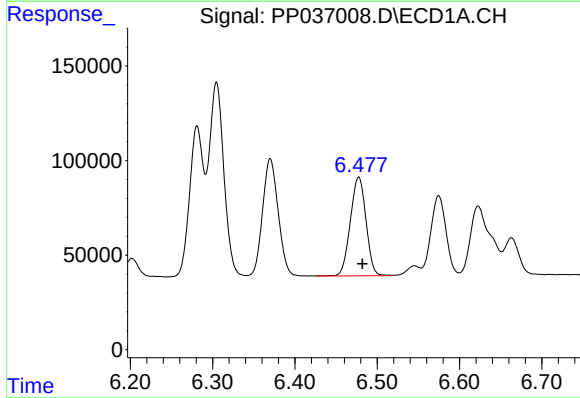
R.T.: 6.305 min
Delta R.T.: -0.004 min
Response: 1287719
Conc: 1260.54 ng/ml

Instrument :
ECD_P
ClientSampleId :



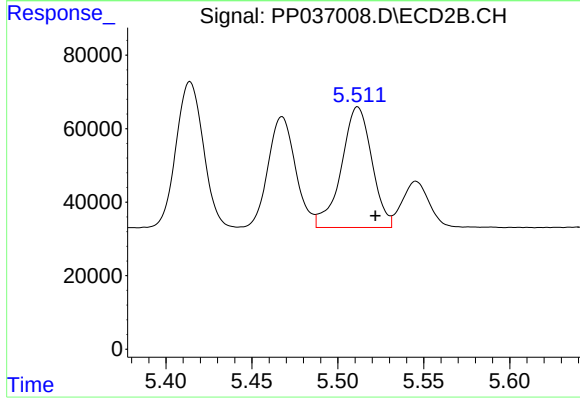
#13 AR-1232-3

R.T.: 5.414 min
Delta R.T.: -0.010 min
Response: 435804
Conc: 1201.30 ng/ml



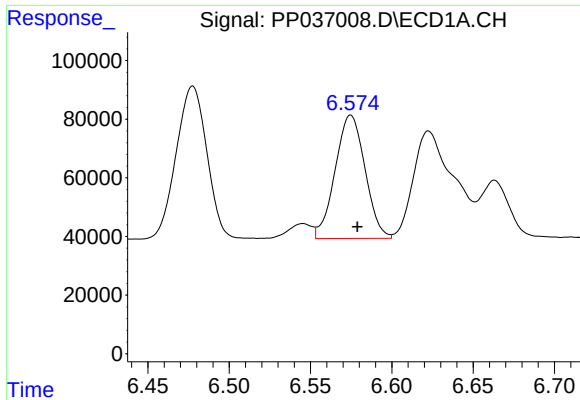
#14 AR-1232-4

R.T.: 6.478 min
Delta R.T.: -0.004 min
Response: 690590
Conc: 1279.39 ng/ml



#14 AR-1232-4

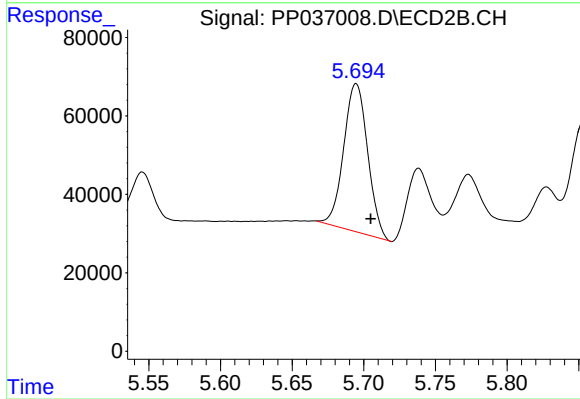
R.T.: 5.512 min
Delta R.T.: -0.010 min
Response: 404737
Conc: 1292.50 ng/ml



#15 AR-1232-5

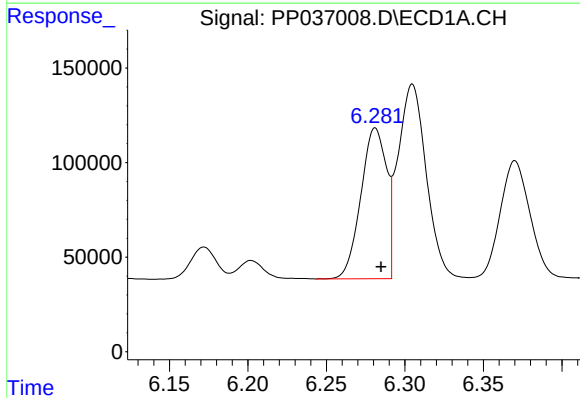
R.T.: 6.575 min
Delta R.T.: -0.004 min
Response: 538820
Conc: 1470.17 ng/ml

Instrument :
ECD_P
ClientSampleId :



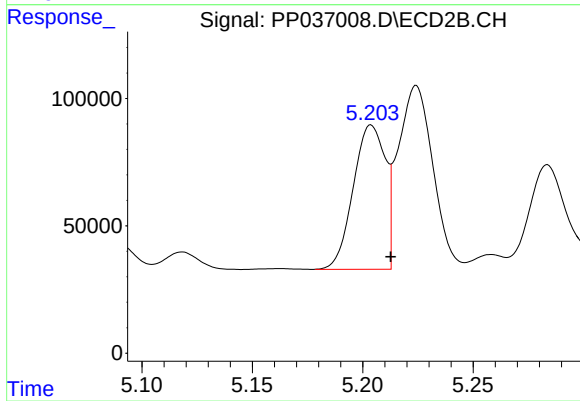
#15 AR-1232-5

R.T.: 5.695 min
Delta R.T.: -0.010 min
Response: 440388
Conc: 1236.37 ng/ml



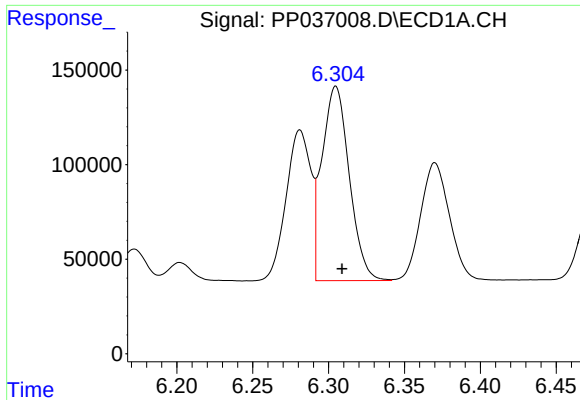
#16 AR-1242-1

R.T.: 6.281 min
Delta R.T.: -0.004 min
Response: 908823
Conc: 708.72 ng/ml



#16 AR-1242-1

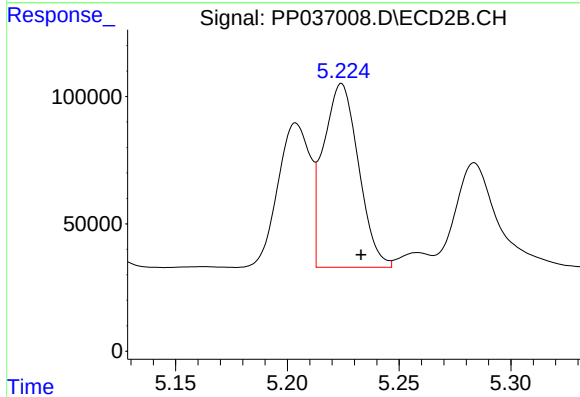
R.T.: 5.204 min
Delta R.T.: -0.009 min
Response: 570681
Conc: 641.15 ng/ml



#17 AR-1242-2

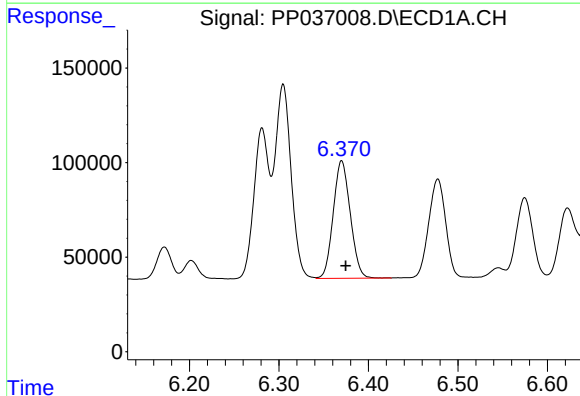
R.T.: 6.305 min
Delta R.T.: -0.004 min
Response: 1287719
Conc: 705.67 ng/ml

Instrument :
ECD_P
ClientSampleId :



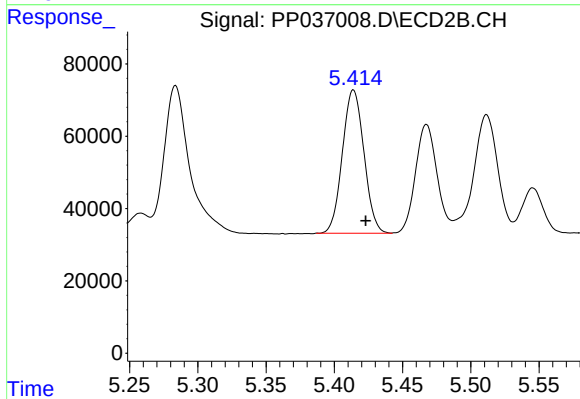
#17 AR-1242-2

R.T.: 5.224 min
Delta R.T.: -0.009 min
Response: 789776
Conc: 647.46 ng/ml



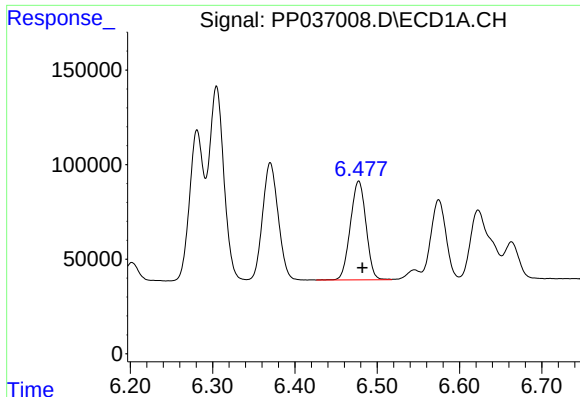
#18 AR-1242-3

R.T.: 6.370 min
Delta R.T.: -0.005 min
Response: 821555
Conc: 700.29 ng/ml



#18 AR-1242-3

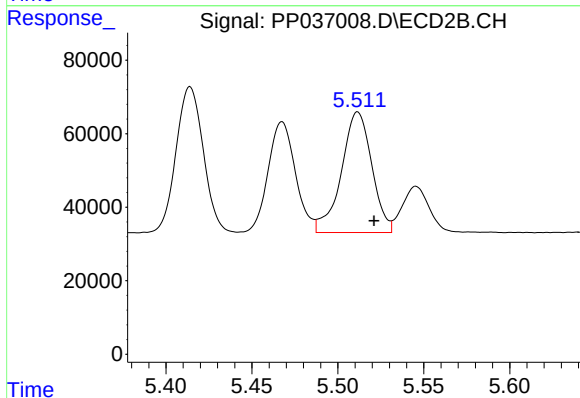
R.T.: 5.414 min
Delta R.T.: -0.009 min
Response: 435804
Conc: 647.67 ng/ml



#19 AR-1242-4

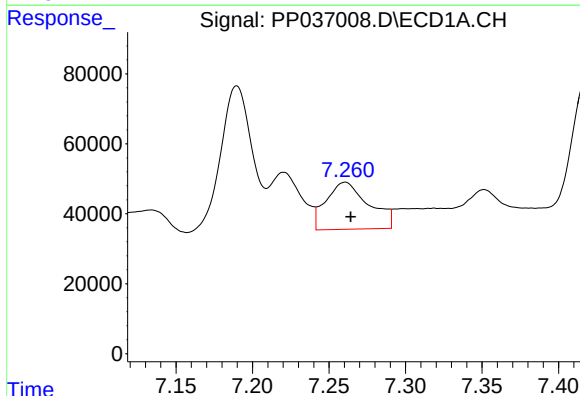
R.T.: 6.478 min
Delta R.T.: -0.004 min
Response: 690590
Conc: 713.59 ng/ml

Instrument :
ECD_P
ClientSampleId :



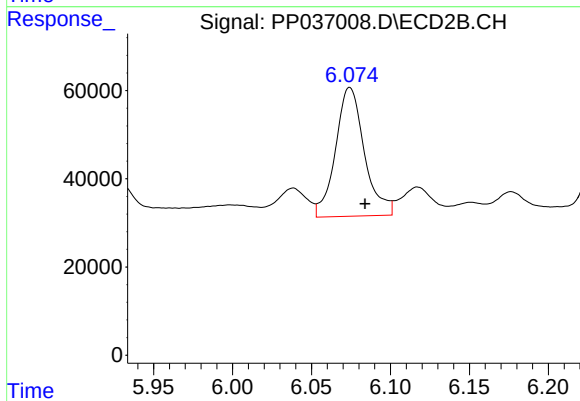
#19 AR-1242-4

R.T.: 5.512 min
Delta R.T.: -0.010 min
Response: 404737
Conc: 625.15 ng/ml



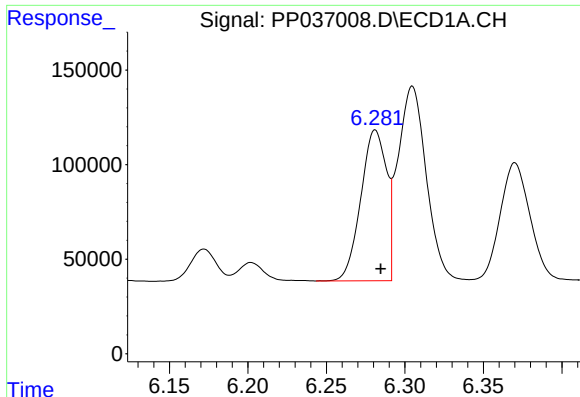
#20 AR-1242-5

R.T.: 7.261 min
Delta R.T.: -0.004 min
Response: 261651
Conc: 248.75 ng/ml



#20 AR-1242-5

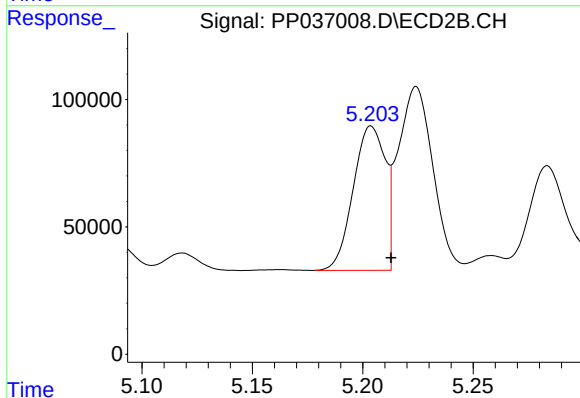
R.T.: 6.074 min
Delta R.T.: -0.010 min
Response: 372245
Conc: 456.24 ng/ml



#21 AR-1248-1

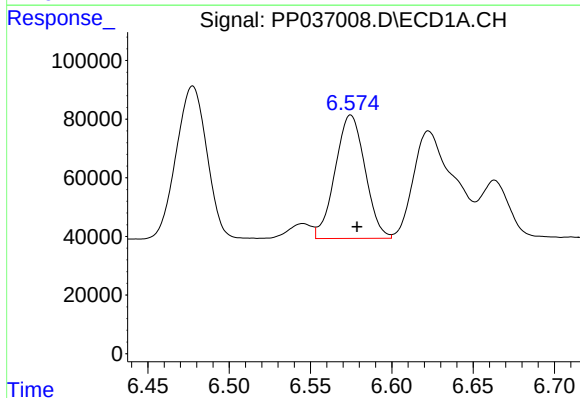
R.T.: 6.281 min
Delta R.T.: -0.003 min
Response: 908823
Conc: 900.87 ng/ml

Instrument :
ECD_P
ClientSampleId :



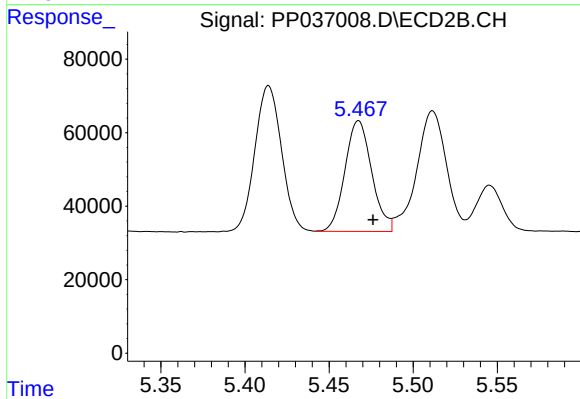
#21 AR-1248-1

R.T.: 5.204 min
Delta R.T.: -0.009 min
Response: 570681
Conc: 819.04 ng/ml



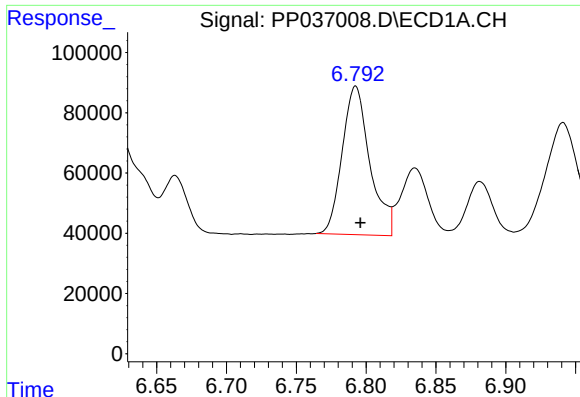
#22 AR-1248-2

R.T.: 6.575 min
Delta R.T.: -0.004 min
Response: 538820
Conc: 396.76 ng/ml



#22 AR-1248-2

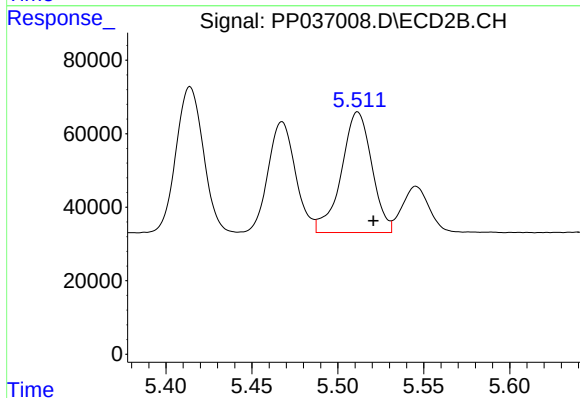
R.T.: 5.468 min
Delta R.T.: -0.009 min
Response: 333500
Conc: 352.10 ng/ml



#23 AR-1248-3

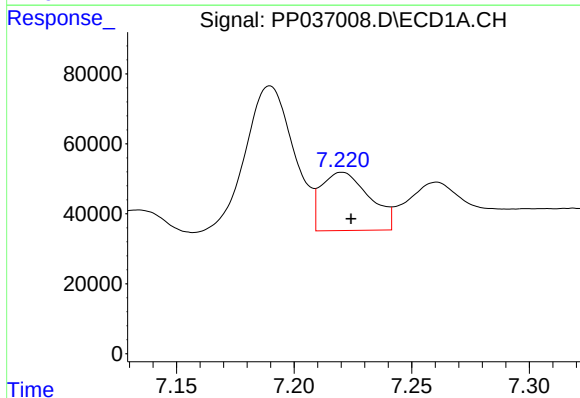
R.T.: 6.793 min
Delta R.T.: -0.003 min
Response: 681572
Conc: 418.89 ng/ml

Instrument :
ECD_P
ClientSampleId :



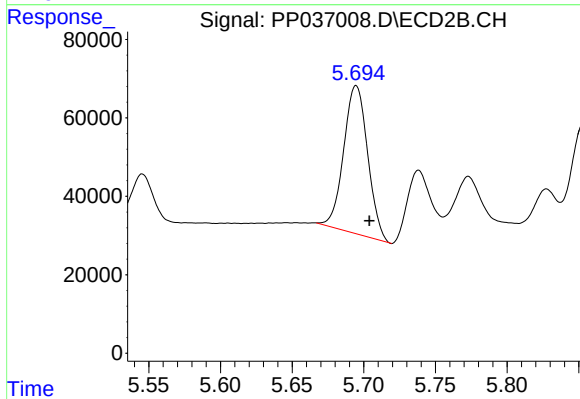
#23 AR-1248-3

R.T.: 5.512 min
Delta R.T.: -0.009 min
Response: 404737
Conc: 409.06 ng/ml



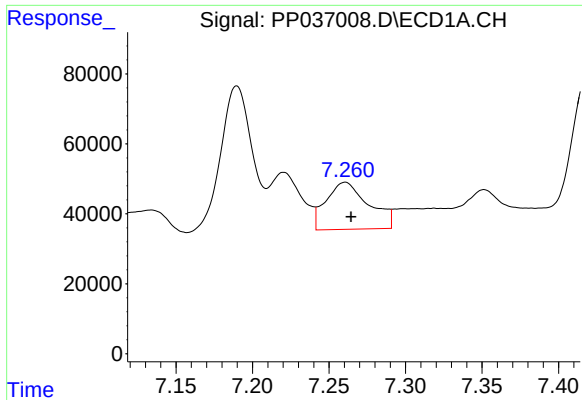
#24 AR-1248-4

R.T.: 7.220 min
Delta R.T.: -0.004 min
Response: 237523
Conc: 130.10 ng/ml



#24 AR-1248-4

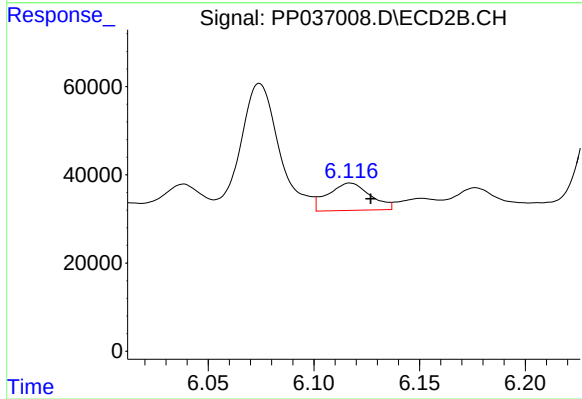
R.T.: 5.695 min
Delta R.T.: -0.009 min
Response: 440388
Conc: 376.49 ng/ml



#25 AR-1248-5

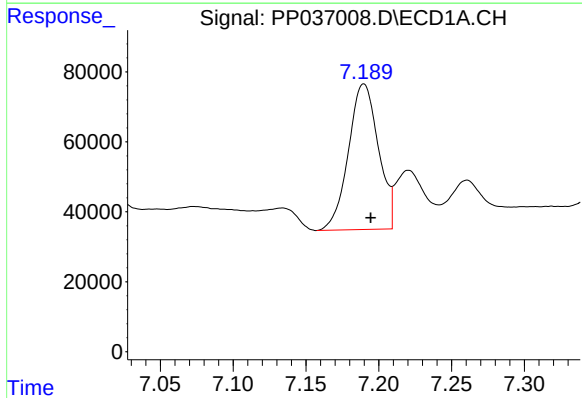
R.T.: 7.261 min
Delta R.T.: -0.004 min
Response: 261651
Conc: 145.12 ng/ml

Instrument :
ECD_P
ClientSampleId :



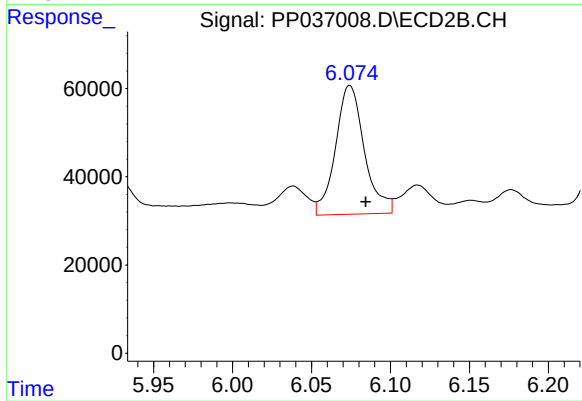
#25 AR-1248-5

R.T.: 6.117 min
Delta R.T.: -0.010 min
Response: 86652
Conc: 73.05 ng/ml



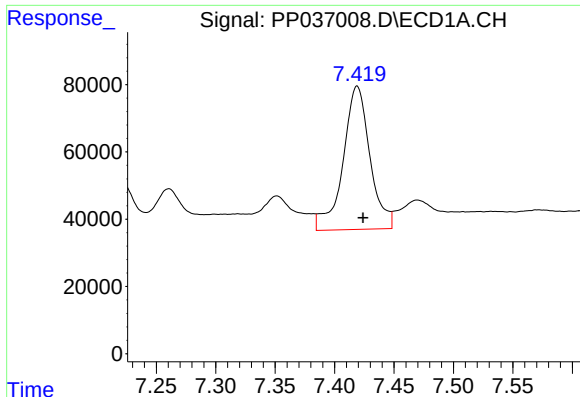
#26 AR-1254-1

R.T.: 7.190 min
Delta R.T.: -0.005 min
Response: 596840
Conc: 339.37 ng/ml



#26 AR-1254-1

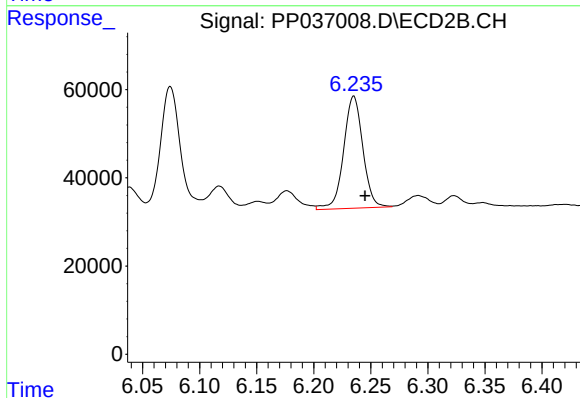
R.T.: 6.074 min
Delta R.T.: -0.010 min
Response: 372245
Conc: 219.70 ng/ml



#27 AR-1254-2

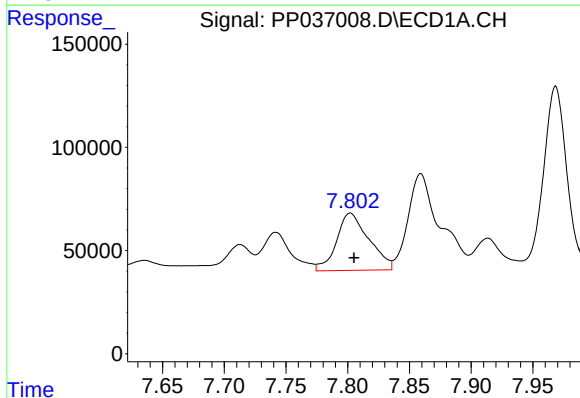
R.T.: 7.419 min
Delta R.T.: -0.005 min
Response: 671995
Conc: 248.36 ng/ml

Instrument :
ECD_P
ClientSampleId :



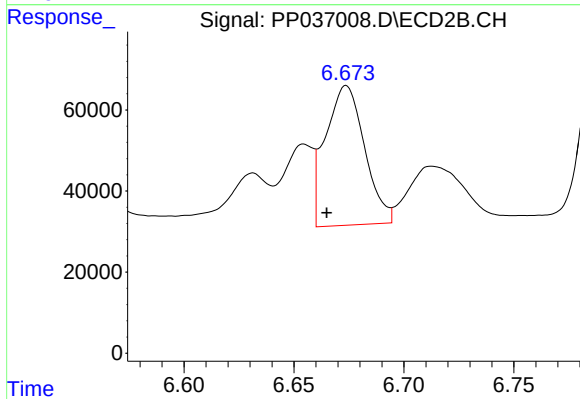
#27 AR-1254-2

R.T.: 6.235 min
Delta R.T.: -0.010 min
Response: 298381
Conc: 200.61 ng/ml



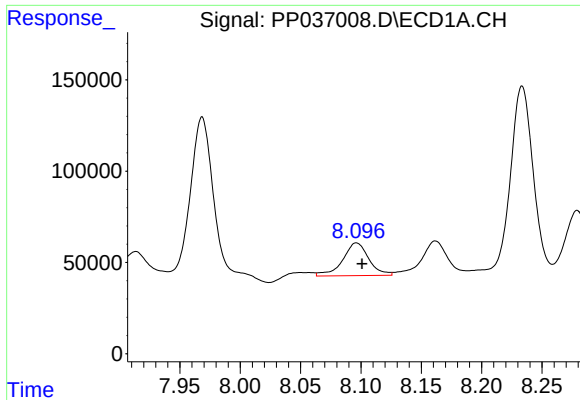
#28 AR-1254-3

R.T.: 7.802 min
Delta R.T.: -0.003 min
Response: 507429
Conc: 171.31 ng/ml



#28 AR-1254-3

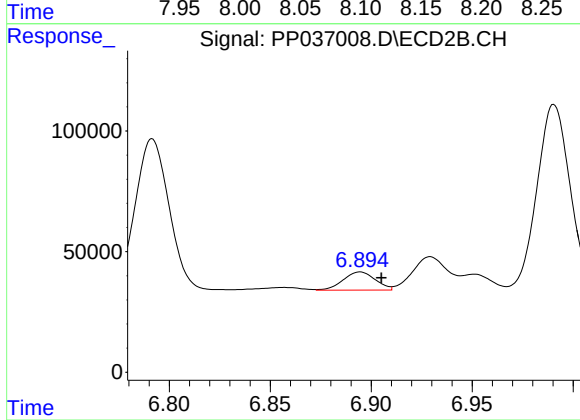
R.T.: 6.674 min
Delta R.T.: 0.009 min
Response: 427462
Conc: 175.83 ng/ml



#29 AR-1254-4

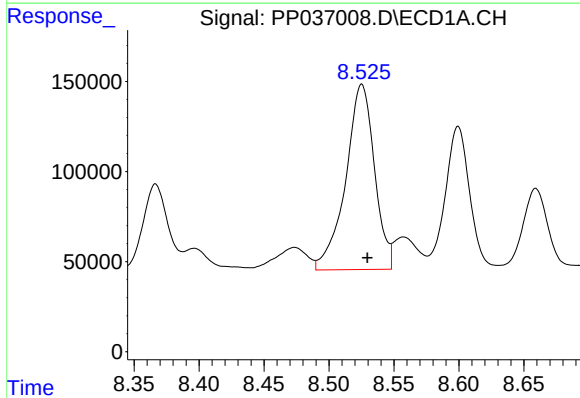
R.T.: 8.096 min
Delta R.T.: -0.005 min
Response: 269769
Conc: 122.71 ng/ml

Instrument :
ECD_P
ClientSampleId :



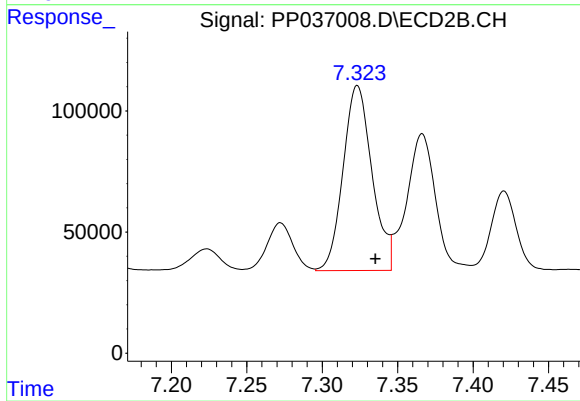
#29 AR-1254-4

R.T.: 6.895 min
Delta R.T.: -0.011 min
Response: 83659
Conc: 54.06 ng/ml



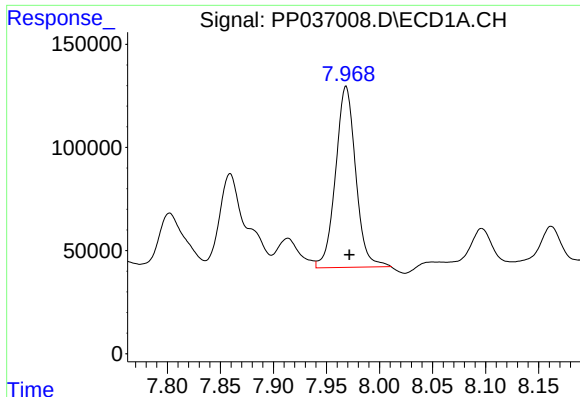
#30 AR-1254-5

R.T.: 8.525 min
Delta R.T.: -0.004 min
Response: 1586257
Conc: 667.02 ng/ml



#30 AR-1254-5

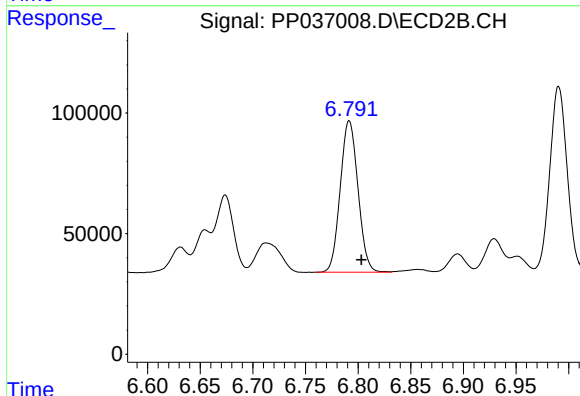
R.T.: 7.323 min
Delta R.T.: -0.012 min
Response: 1020133
Conc: 474.42 ng/ml



#31 AR-1260-1

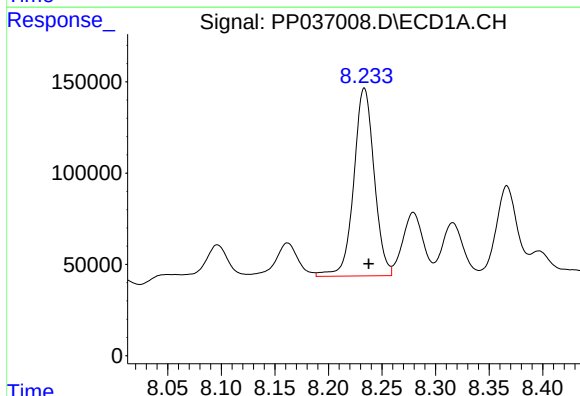
R.T.: 7.968 min
Delta R.T.: -0.003 min
Response: 1160773
Conc: 534.79 ng/ml

Instrument :
ECD_P
ClientSampleId :



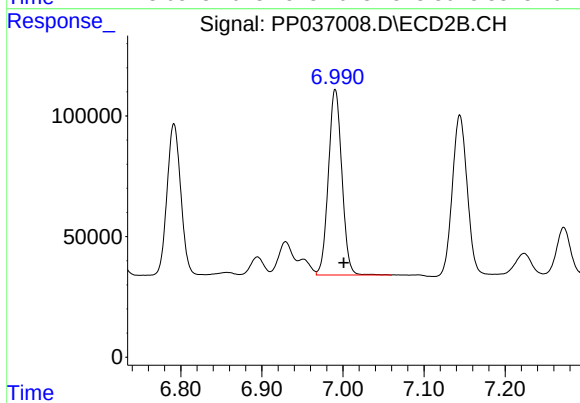
#31 AR-1260-1

R.T.: 6.792 min
Delta R.T.: -0.011 min
Response: 735744
Conc: 456.97 ng/ml



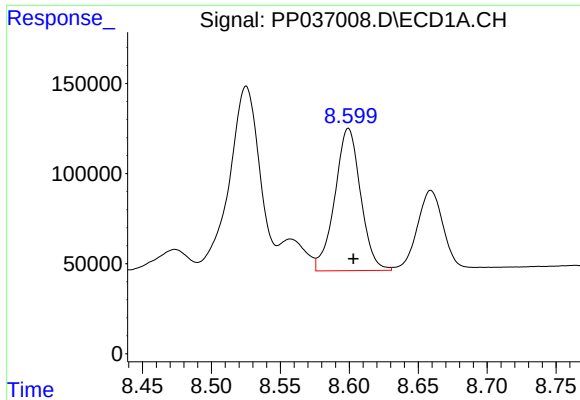
#32 AR-1260-2

R.T.: 8.234 min
Delta R.T.: -0.004 min
Response: 1366492
Conc: 533.17 ng/ml



#32 AR-1260-2

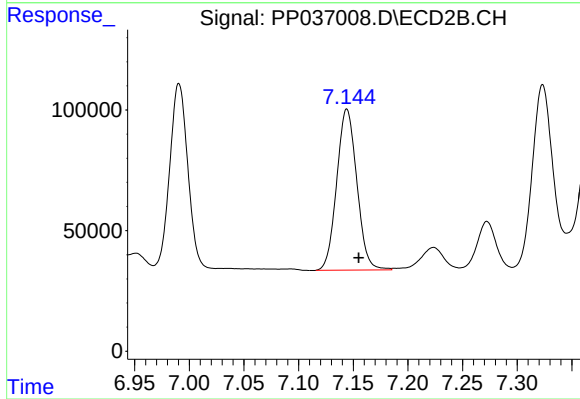
R.T.: 6.991 min
Delta R.T.: -0.011 min
Response: 889038
Conc: 458.44 ng/ml



#33 AR-1260-3

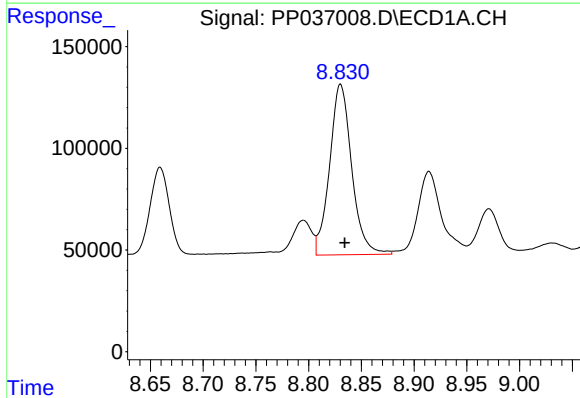
R.T.: 8.599 min
Delta R.T.: -0.004 min
Response: 1028836
Conc: 513.27 ng/ml

Instrument :
ECD_P
ClientSampleId :



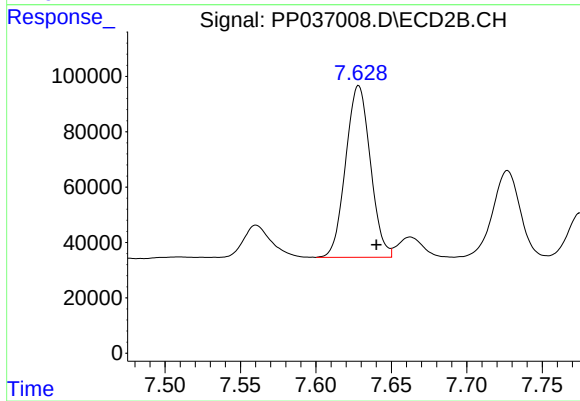
#33 AR-1260-3

R.T.: 7.144 min
Delta R.T.: -0.011 min
Response: 855613
Conc: 470.46 ng/ml



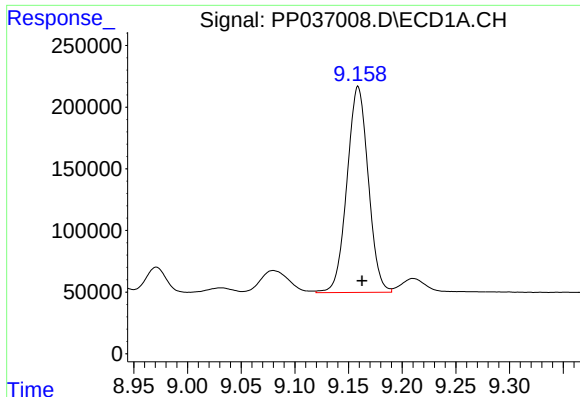
#34 AR-1260-4

R.T.: 8.830 min
Delta R.T.: -0.004 min
Response: 1225907
Conc: 517.43 ng/ml



#34 AR-1260-4

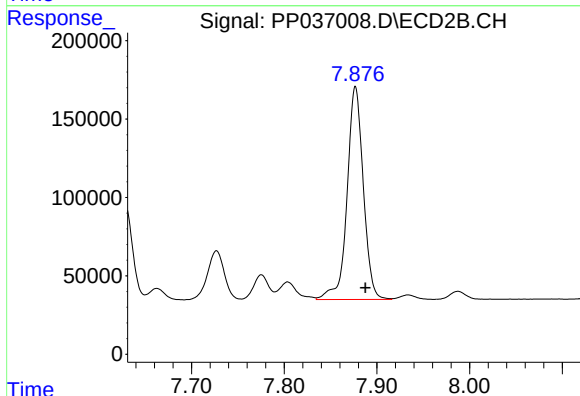
R.T.: 7.628 min
Delta R.T.: -0.012 min
Response: 707293
Conc: 456.10 ng/ml



#35 AR-1260-5

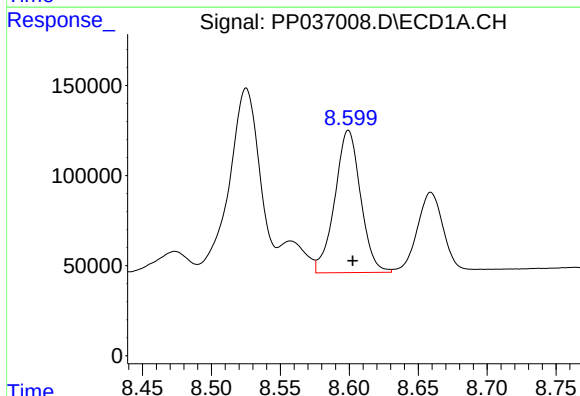
R.T.: 9.159 min
Delta R.T.: -0.004 min
Response: 2304551
Conc: 516.49 ng/ml

Instrument :
ECD_P
ClientSampleId :



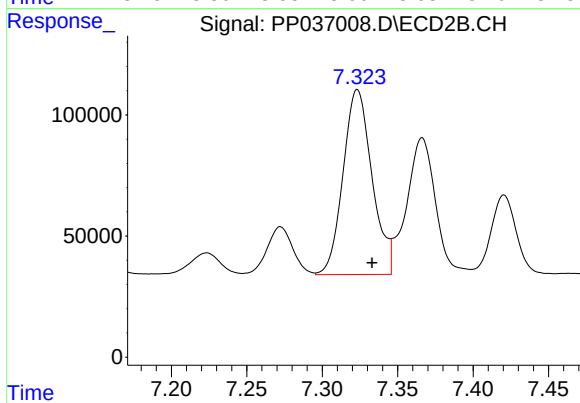
#35 AR-1260-5

R.T.: 7.877 min
Delta R.T.: -0.011 min
Response: 1654119
Conc: 450.13 ng/ml



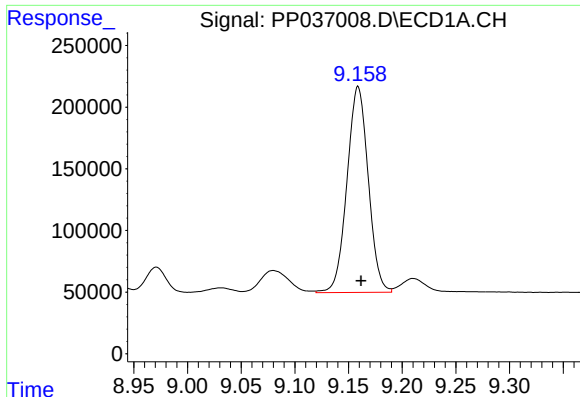
#36 AR-1262-1

R.T.: 8.599 min
Delta R.T.: -0.003 min
Response: 1028836
Conc: 361.06 ng/ml



#36 AR-1262-1

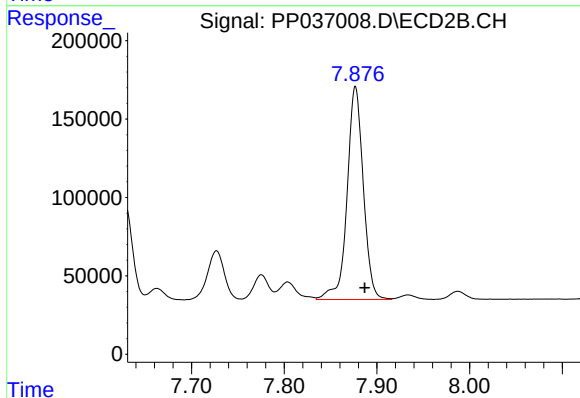
R.T.: 7.323 min
Delta R.T.: -0.010 min
Response: 1020133
Conc: 855.90 ng/ml



#37 AR-1262-2

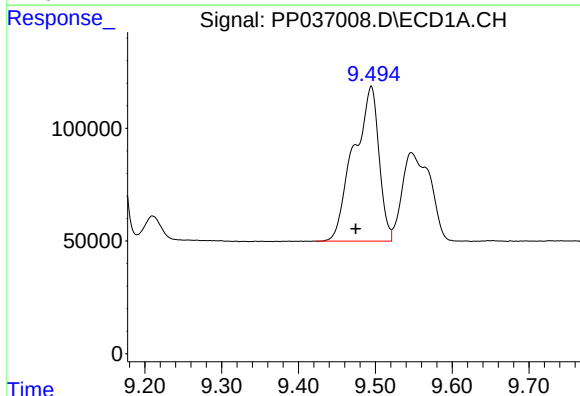
R.T.: 9.159 min
Delta R.T.: -0.003 min
Response: 2304551
Conc: 453.58 ng/ml

Instrument :
ECD_P
ClientSampleId :



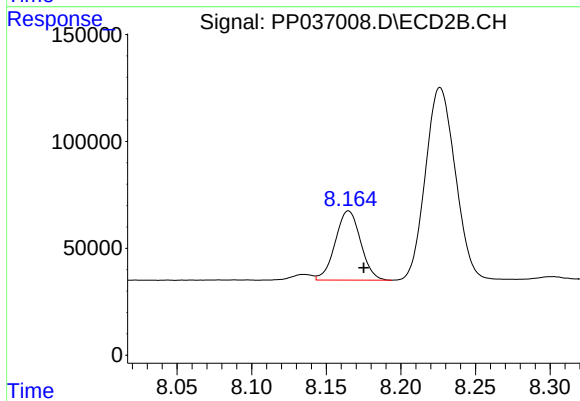
#37 AR-1262-2

R.T.: 7.877 min
Delta R.T.: -0.010 min
Response: 1654119
Conc: 421.96 ng/ml



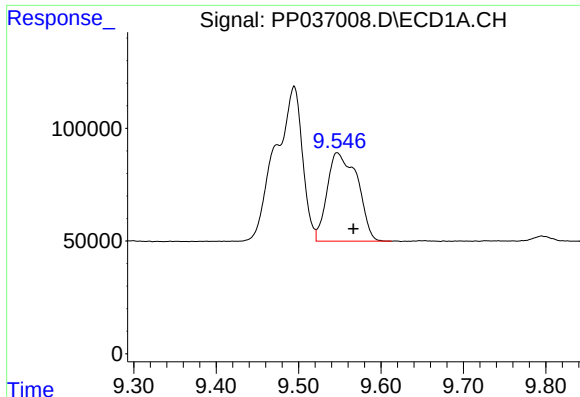
#38 AR-1262-3

R.T.: 9.495 min
Delta R.T.: 0.020 min
Response: 1570658
Conc: 423.98 ng/ml



#38 AR-1262-3

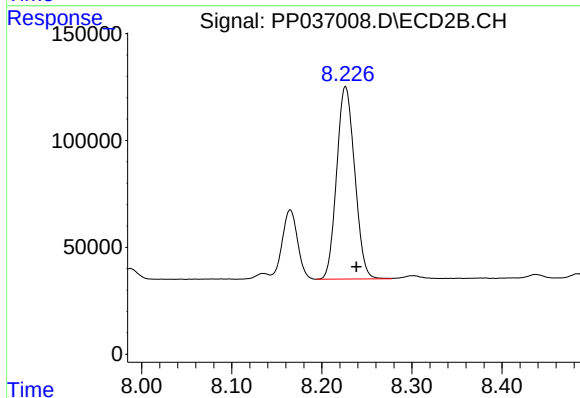
R.T.: 8.165 min
Delta R.T.: -0.010 min
Response: 384038
Conc: 241.31 ng/ml



#39 AR-1262-4

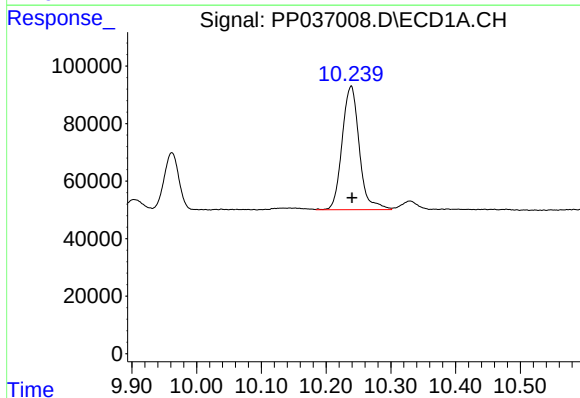
R.T.: 9.547 min
Delta R.T.: -0.020 min
Response: 1001403
Conc: 348.66 ng/ml

Instrument :
ECD_P
ClientSampleId :



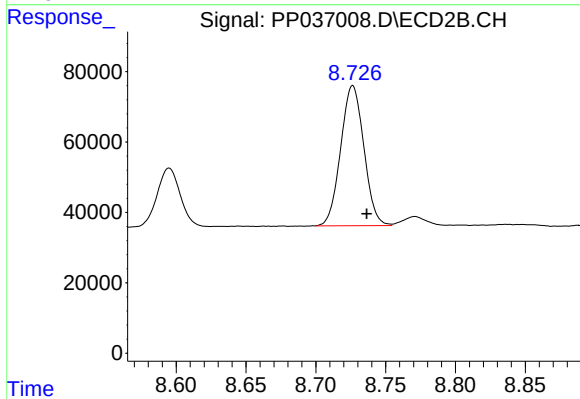
#39 AR-1262-4

R.T.: 8.226 min
Delta R.T.: -0.012 min
Response: 1255257
Conc: 421.74 ng/ml



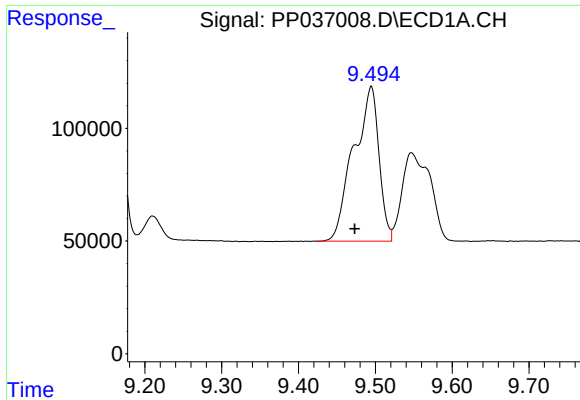
#40 AR-1262-5

R.T.: 10.239 min
Delta R.T.: -0.001 min
Response: 789297
Conc: 373.59 ng/ml



#40 AR-1262-5

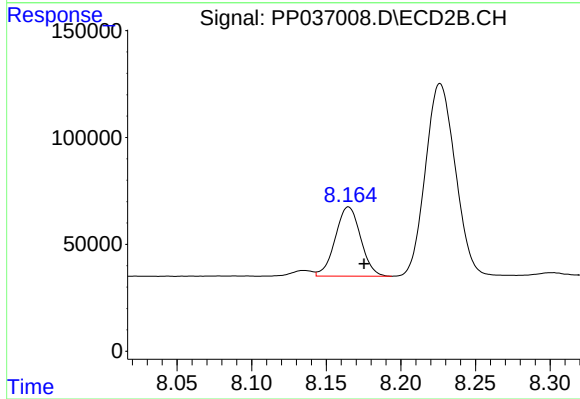
R.T.: 8.726 min
Delta R.T.: -0.010 min
Response: 459703
Conc: 322.59 ng/ml



#41 AR-1268-1

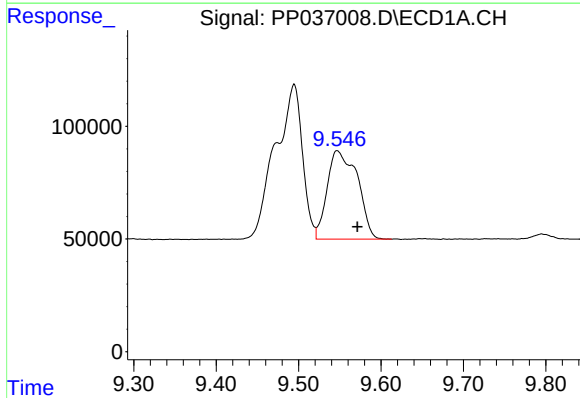
R.T.: 9.495 min
Delta R.T.: 0.021 min
Response: 1570658
Conc: 261.80 ng/ml

Instrument :
ECD_P
ClientSampleId :



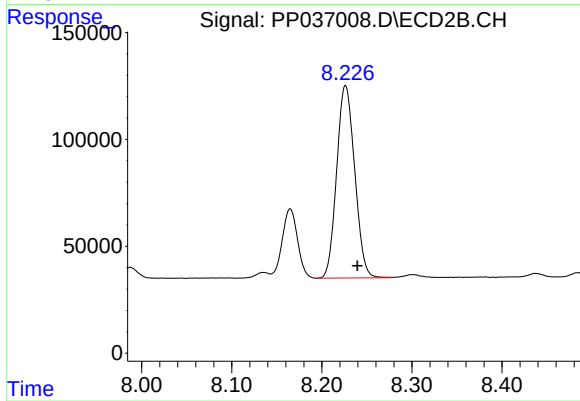
#41 AR-1268-1

R.T.: 8.165 min
Delta R.T.: -0.010 min
Response: 384038
Conc: 82.47 ng/ml



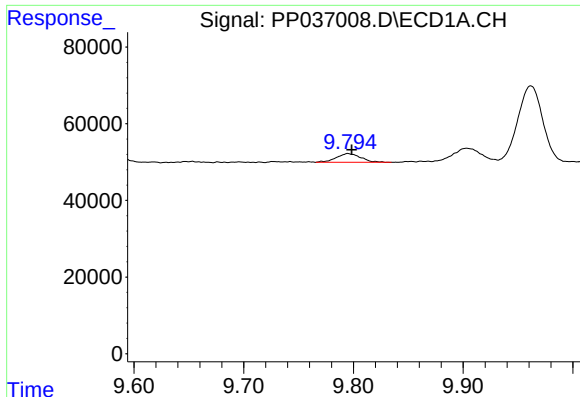
#42 AR-1268-2

R.T.: 9.547 min
Delta R.T.: -0.025 min
Response: 1001403
Conc: 175.67 ng/ml



#42 AR-1268-2

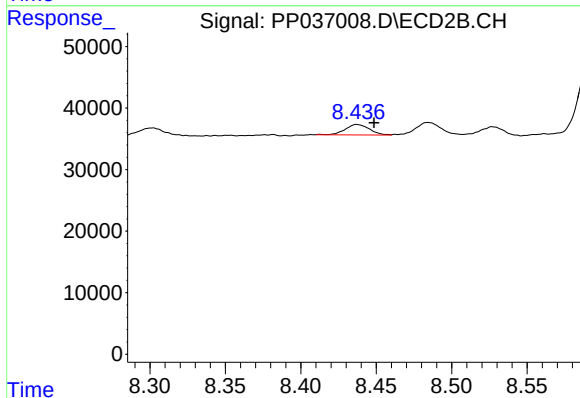
R.T.: 8.226 min
Delta R.T.: -0.013 min
Response: 1255257
Conc: 291.00 ng/ml



#43 AR-1268-3

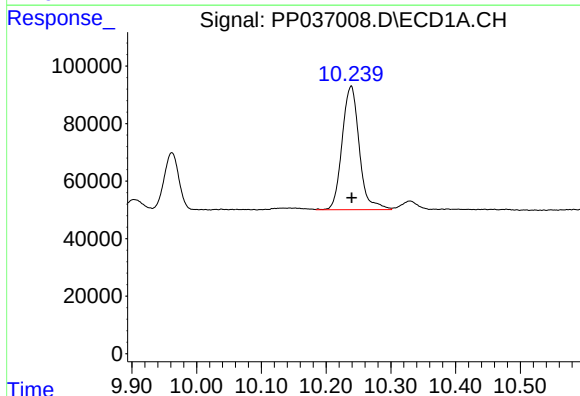
R.T.: 9.795 min
Delta R.T.: -0.003 min
Response: 35235
Conc: 7.33 ng/ml

Instrument :
ECD_P
ClientSampleId :



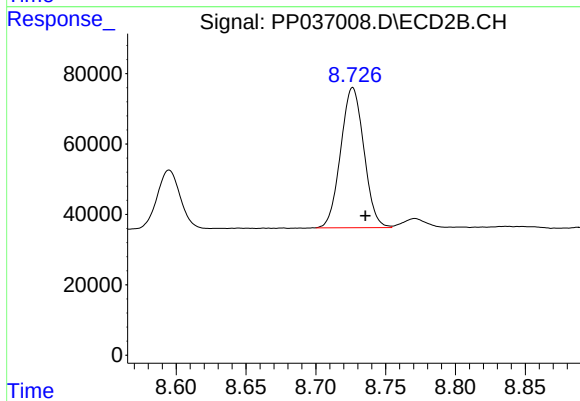
#43 AR-1268-3

R.T.: 8.437 min
Delta R.T.: -0.011 min
Response: 18982
Conc: 5.20 ng/ml



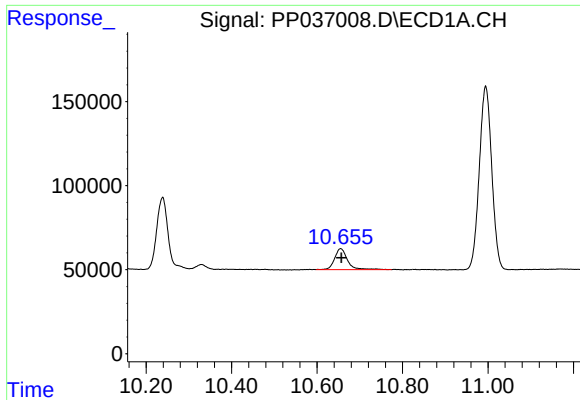
#44 AR-1268-4

R.T.: 10.239 min
Delta R.T.: 0.000 min
Response: 789297
Conc: 335.09 ng/ml



#44 AR-1268-4

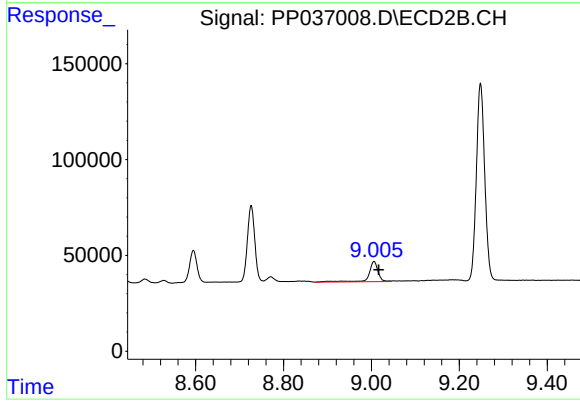
R.T.: 8.726 min
Delta R.T.: -0.009 min
Response: 459703
Conc: 288.99 ng/ml



#45 AR-1268-5

R.T.: 10.656 min
Delta R.T.: -0.002 min
Response: 259442
Conc: 16.87 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 9.006 min
Delta R.T.: -0.011 min
Response: 153232
Conc: 12.96 ng/ml