

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070921\
 Data File : PP037166.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 09 Jul 2021 13:40
 Operator : DD\AJ
 Sample : PB137590BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 09 17:29:09 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...	4.958	3.948	1048453	587710	23.069	21.477
2)	SA Decachlor...	10.991	9.244	1069871	604063	23.240	21.702
Target Compounds							
3)	L1 AR-1016-1	6.279	5.200	817252	482815	470.304	467.210
4)	L1 AR-1016-2	6.303	5.220	1164223	658223	465.672	459.733
5)	L1 AR-1016-3	6.369	5.410	736854	363956	462.647	465.833
6)	L1 AR-1016-4	6.476	5.463	618918	272174	469.379	450.926
7)	L1 AR-1016-5	6.791	5.691	594442	353817	469.911	458.197
8)	L2 AR-1221-1	5.207	4.203	139604	47291	263.219	154.843 #
9)	L2 AR-1221-2	5.306	4.303	108647	63308	268.176	268.921
10)	L2 AR-1221-3	5.394	4.391	454687	262390	373.172	352.778
11)	L3 AR-1232-1	5.394	4.391	454687	262390	409.218	386.455
12)	L3 AR-1232-2	5.984	5.220	608575	658223	1020.631	1051.623
13)	L3 AR-1232-3	6.303	5.410	1164223	363956	1063.940	1096.210
14)	L3 AR-1232-4	6.476	5.508	618918	334652	1066.044	1213.781
15)	L3 AR-1232-5	6.573	5.691	474785	353817	1234.532	1190.218
16)	L4 AR-1242-1	6.279	5.200	817252	482815	641.139	640.594
17)	L4 AR-1242-2	6.303	5.220	1164223	658223	642.111	639.691
18)	L4 AR-1242-3	6.369	5.410	736854	363956	640.651	639.173
19)	L4 AR-1242-4	6.476	5.508	618918	334652	646.523	649.335
20)	L4 AR-1242-5	7.259	6.070	83403	279118	80.199	410.059 #
21)	L5 AR-1248-1	6.279	5.200	817252	482815	778.652	765.077
22)	L5 AR-1248-2	6.573	5.463	474785	272174	319.817	331.810
23)	L5 AR-1248-3	6.791	5.508	594442	334652	359.874	391.052
24)	L5 AR-1248-4	7.219	5.691	89556	353817	47.382	347.672 #
25)	L5 AR-1248-5	7.259	6.113	83403	45006	44.563	42.429
26)	L6 AR-1254-1	7.188	6.070	438986	279118	244.357	188.012
27)	L6 AR-1254-2	7.417	6.231	499500	267985	179.568	206.301
28)	L6 AR-1254-3	7.799	6.652	295149	138443	95.734	64.874 #
29)	L6 AR-1254-4	8.093	6.891	187231	56885	82.428	41.928 #
30)	L6 AR-1254-5	8.524	7.319	1593150	987221	636.650	526.619
31)	L7 AR-1260-1	7.966	6.788	1065692	670637	484.090	485.331
32)	L7 AR-1260-2	8.232	6.987	1290379	807801	463.869	480.853
33)	L7 AR-1260-3	8.597	7.140	843670	769821	417.415	449.293
34)	L7 AR-1260-4	8.828	7.625	1077005	565918	437.840	416.261
35)	L7 AR-1260-5	9.156	7.873	1961970	1336032	425.184	414.219
36)	L8 AR-1262-1	8.597	7.319	843670	987221	289.672	950.722 #
37)	L8 AR-1262-2	9.156	7.873	1961970	1336032	373.585	384.067
38)	L8 AR-1262-3	9.492f	8.161	1382678	327390	360.860	232.529 #
39)	L8 AR-1262-4	9.544f	8.221	783270	1008957	266.561	378.881 #
40)	L8 AR-1262-5	10.235	8.723	560425	317416	263.566	251.120
41)	L9 AR-1268-1	9.492f	8.161	1382678	327390	227.684	82.154 #

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 ALS Vial : 14 Sample Multiplier: 1

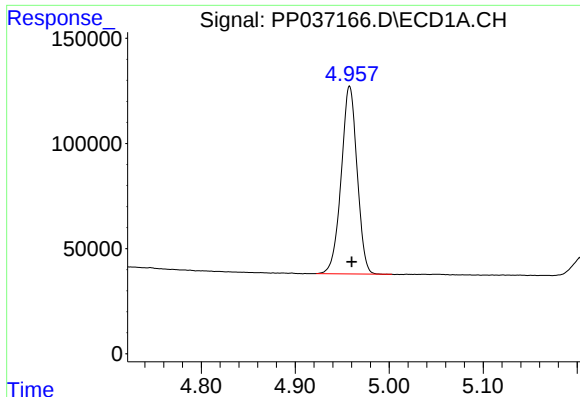
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 09 17:29:09 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	9.544f	8.221	783270	1008957	136.279	272.606 #
43) L9	AR-1268-3	9.792	8.434	41814	23661	8.528	7.532
44) L9	AR-1268-4	10.235	8.723	560425	317416	244.972	231.608
45) L9	AR-1268-5	10.651	9.001	203048	104277	12.824	10.131

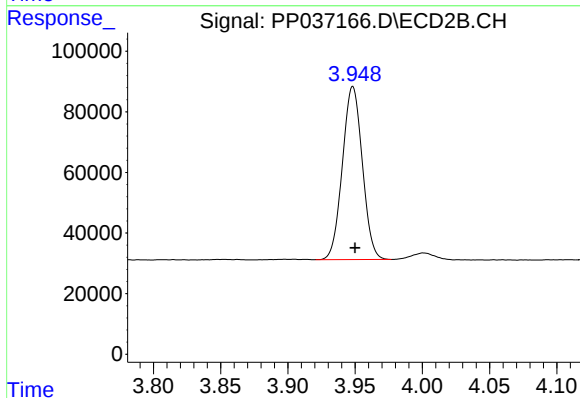
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

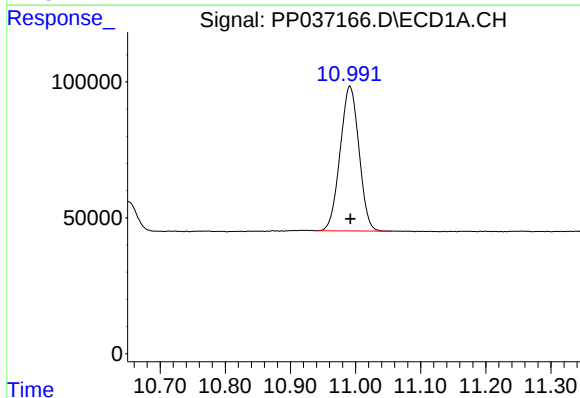
R.T.: 4.958 min
Delta R.T.: -0.002 min
Response: 1048453
Conc: 23.07 ng/ml

Instrument :
ECD_P
ClientSampleId :



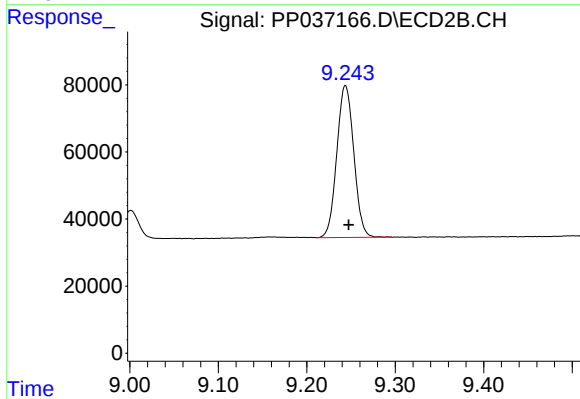
#1 Tetrachloro-m-xylene

R.T.: 3.948 min
Delta R.T.: -0.002 min
Response: 587710
Conc: 21.48 ng/ml



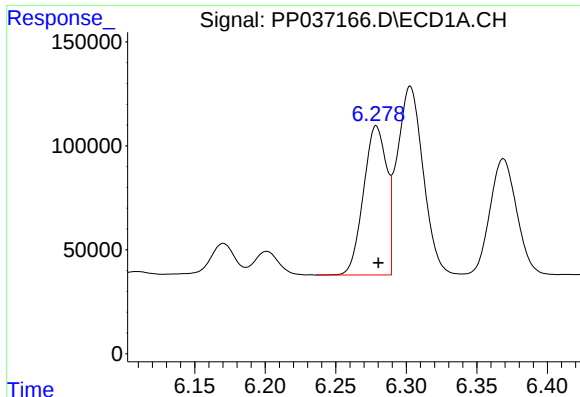
#2 Decachlorobiphenyl

R.T.: 10.991 min
Delta R.T.: 0.000 min
Response: 1069871
Conc: 23.24 ng/ml



#2 Decachlorobiphenyl

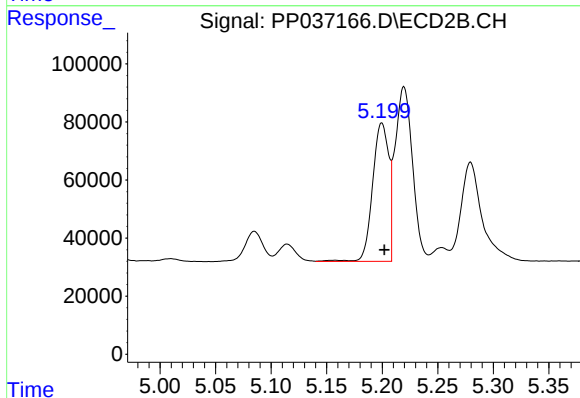
R.T.: 9.244 min
Delta R.T.: -0.004 min
Response: 604063
Conc: 21.70 ng/ml



#3 AR-1016-1

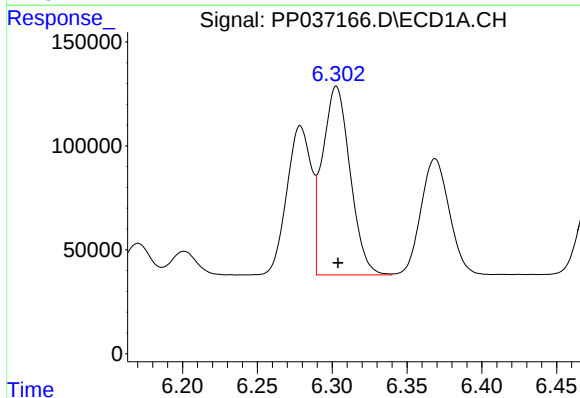
R.T.: 6.279 min
Delta R.T.: -0.002 min
Response: 817252
Conc: 470.30 ng/ml

Instrument :
ECD_P
ClientSampleId :



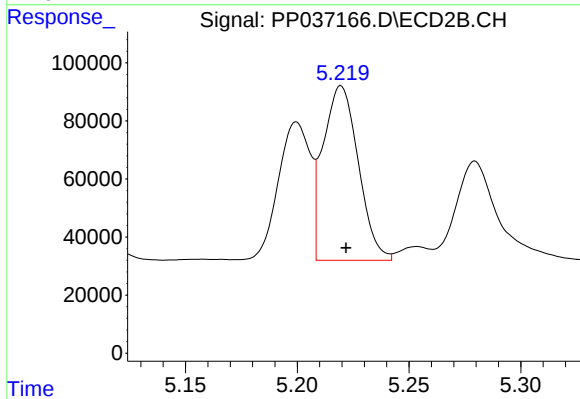
#3 AR-1016-1

R.T.: 5.200 min
Delta R.T.: -0.002 min
Response: 482815
Conc: 467.21 ng/ml



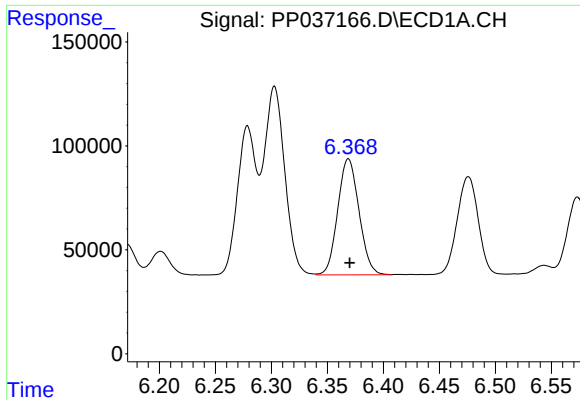
#4 AR-1016-2

R.T.: 6.303 min
Delta R.T.: -0.001 min
Response: 1164223
Conc: 465.67 ng/ml



#4 AR-1016-2

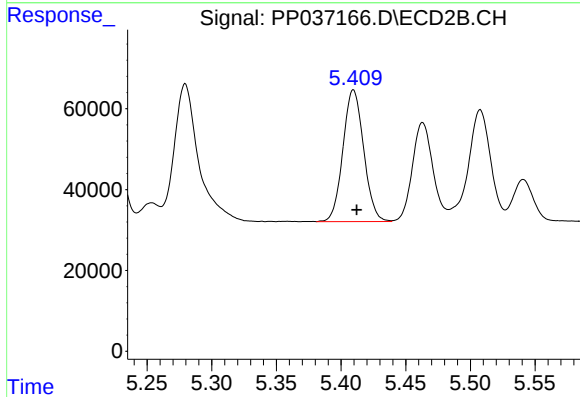
R.T.: 5.220 min
Delta R.T.: -0.002 min
Response: 658223
Conc: 459.73 ng/ml



#5 AR-1016-3

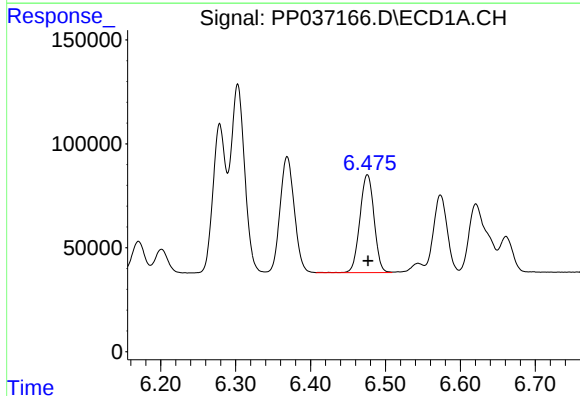
R.T.: 6.369 min
Delta R.T.: -0.001 min
Response: 736854
Conc: 462.65 ng/ml

Instrument :
ECD_P
ClientSampleId :



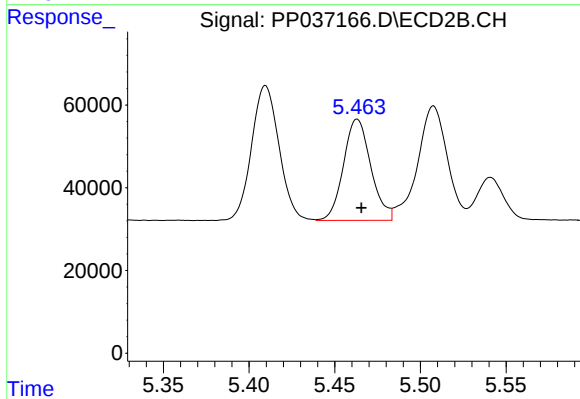
#5 AR-1016-3

R.T.: 5.410 min
Delta R.T.: -0.003 min
Response: 363956
Conc: 465.83 ng/ml



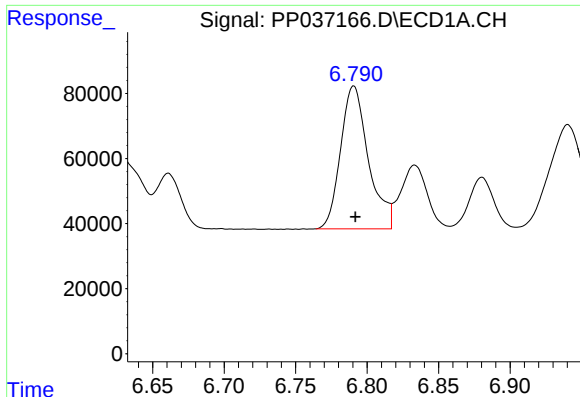
#6 AR-1016-4

R.T.: 6.476 min
Delta R.T.: 0.000 min
Response: 618918
Conc: 469.38 ng/ml



#6 AR-1016-4

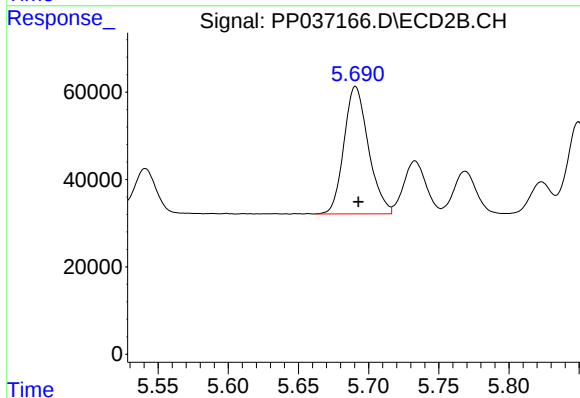
R.T.: 5.463 min
Delta R.T.: -0.003 min
Response: 272174
Conc: 450.93 ng/ml



#7 AR-1016-5

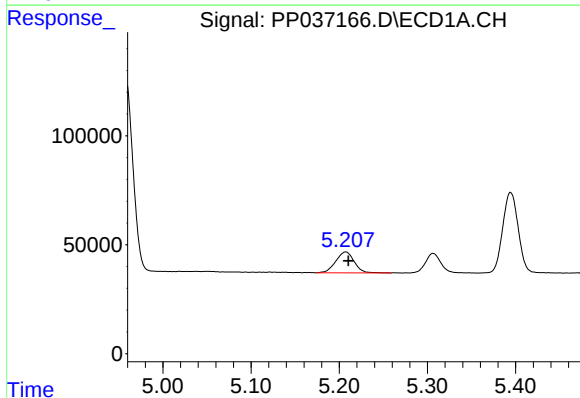
R.T.: 6.791 min
Delta R.T.: -0.001 min
Response: 594442
Conc: 469.91 ng/ml

Instrument :
ECD_P
ClientSampleId :



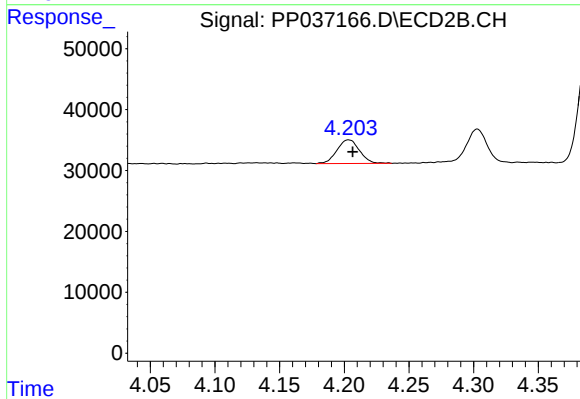
#7 AR-1016-5

R.T.: 5.691 min
Delta R.T.: -0.002 min
Response: 353817
Conc: 458.20 ng/ml



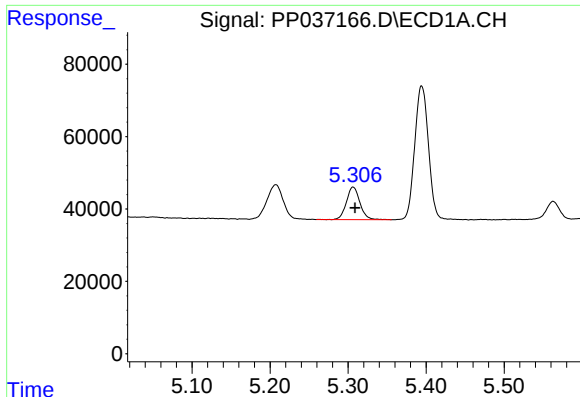
#8 AR-1221-1

R.T.: 5.207 min
Delta R.T.: -0.003 min
Response: 139604
Conc: 263.22 ng/ml



#8 AR-1221-1

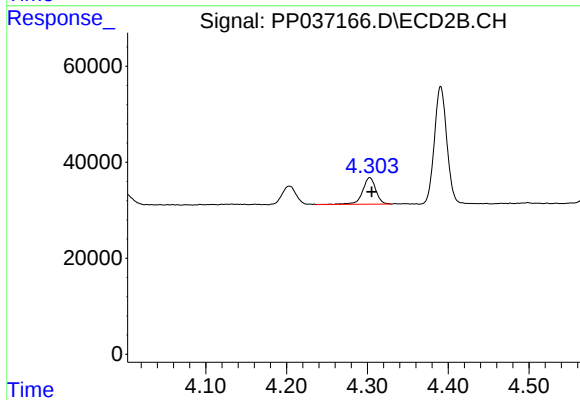
R.T.: 4.203 min
Delta R.T.: -0.003 min
Response: 47291
Conc: 154.84 ng/ml



#9 AR-1221-2

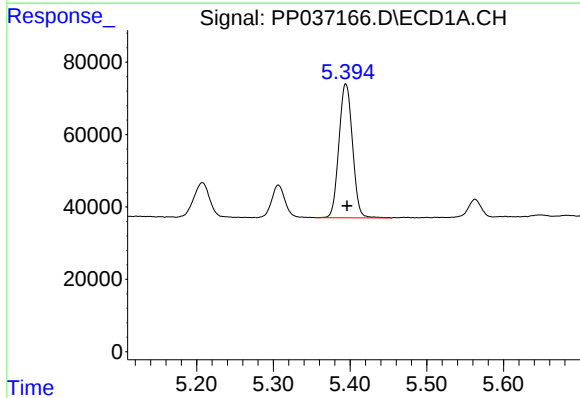
R.T.: 5.306 min
Delta R.T.: -0.002 min
Response: 108647
Conc: 268.18 ng/ml

Instrument :
ECD_P
ClientSampleId :



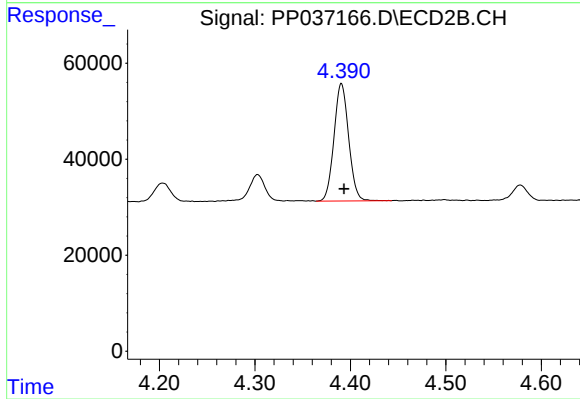
#9 AR-1221-2

R.T.: 4.303 min
Delta R.T.: -0.002 min
Response: 63308
Conc: 268.92 ng/ml



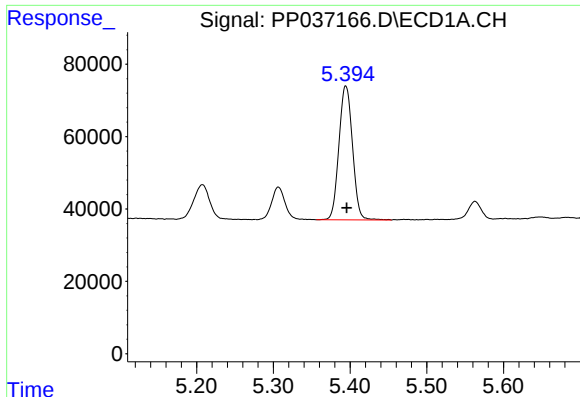
#10 AR-1221-3

R.T.: 5.394 min
Delta R.T.: -0.002 min
Response: 454687
Conc: 373.17 ng/ml



#10 AR-1221-3

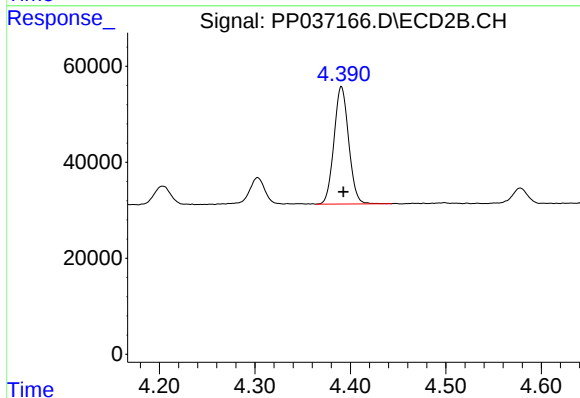
R.T.: 4.391 min
Delta R.T.: -0.003 min
Response: 262390
Conc: 352.78 ng/ml



#11 AR-1232-1

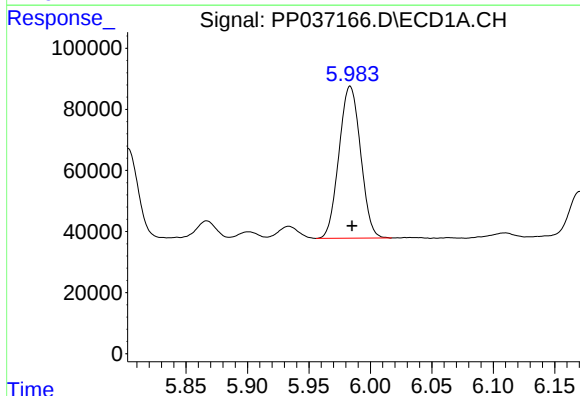
R.T.: 5.394 min
Delta R.T.: -0.001 min
Response: 454687
Conc: 409.22 ng/ml

Instrument :
ECD_P
ClientSampleId :



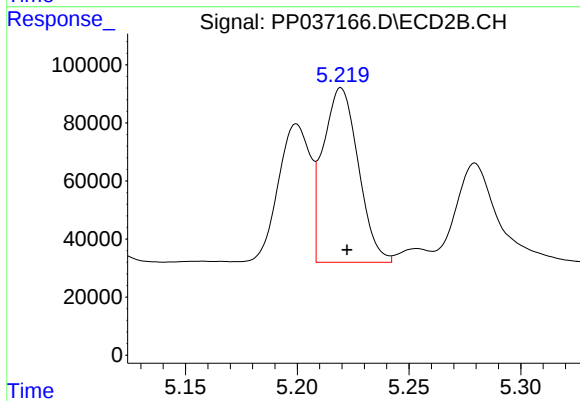
#11 AR-1232-1

R.T.: 4.391 min
Delta R.T.: -0.002 min
Response: 262390
Conc: 386.45 ng/ml



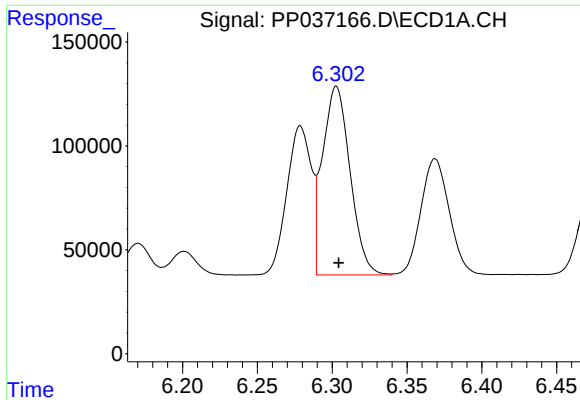
#12 AR-1232-2

R.T.: 5.984 min
Delta R.T.: -0.001 min
Response: 608575
Conc: 1020.63 ng/ml



#12 AR-1232-2

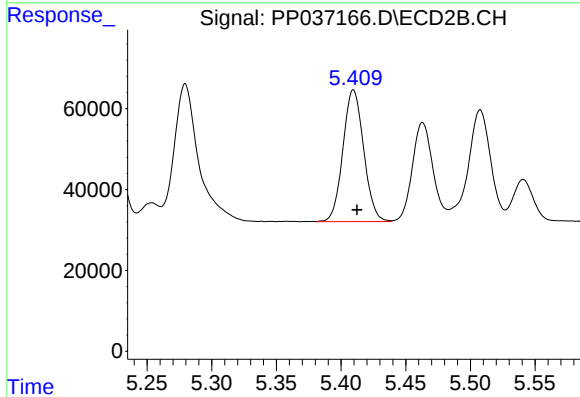
R.T.: 5.220 min
Delta R.T.: -0.003 min
Response: 658223
Conc: 1051.62 ng/ml



#13 AR-1232-3

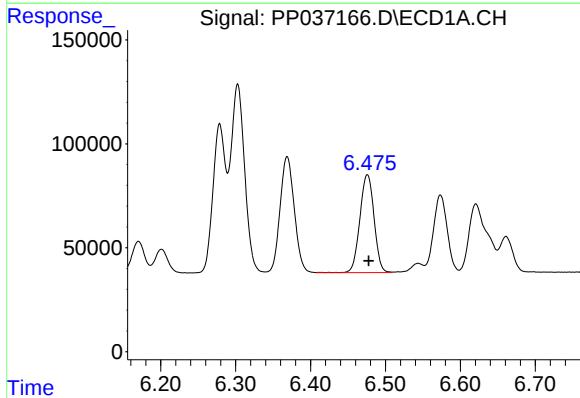
R.T.: 6.303 min
Delta R.T.: -0.002 min
Response: 1164223
Conc: 1063.94 ng/ml

Instrument :
ECD_P
ClientSampleId :



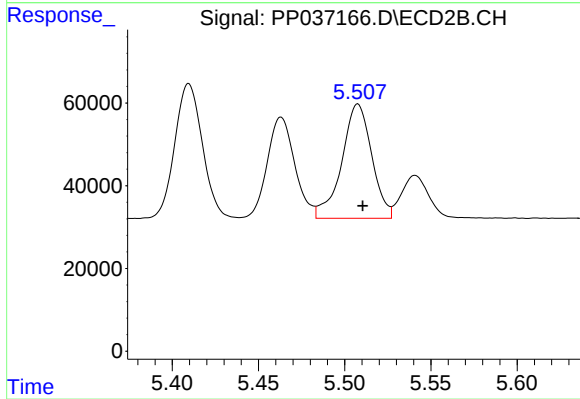
#13 AR-1232-3

R.T.: 5.410 min
Delta R.T.: -0.003 min
Response: 363956
Conc: 1096.21 ng/ml



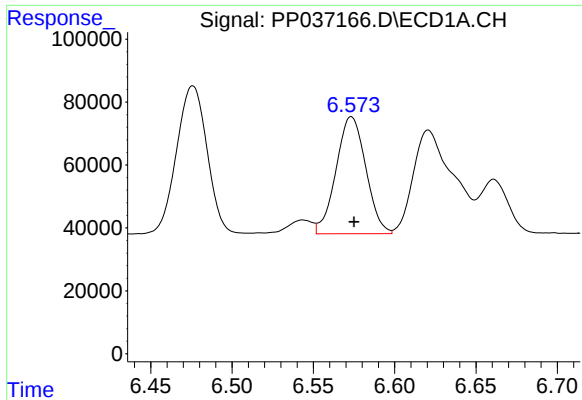
#14 AR-1232-4

R.T.: 6.476 min
Delta R.T.: -0.002 min
Response: 618918
Conc: 1066.04 ng/ml



#14 AR-1232-4

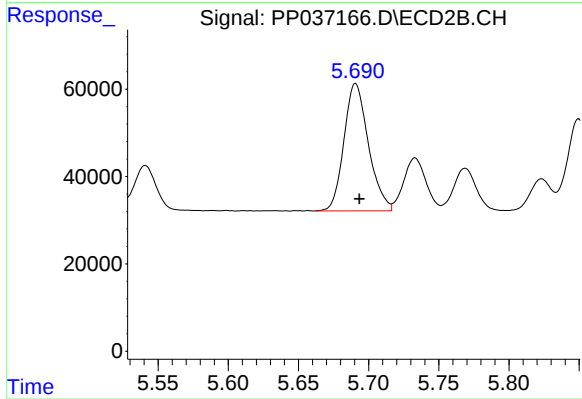
R.T.: 5.508 min
Delta R.T.: -0.003 min
Response: 334652
Conc: 1213.78 ng/ml



#15 AR-1232-5

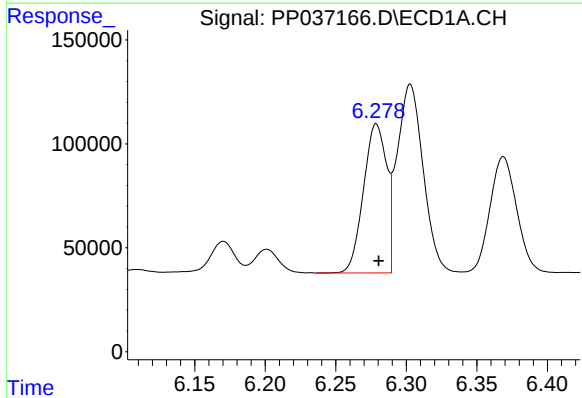
R.T.: 6.573 min
Delta R.T.: -0.002 min
Response: 474785
Conc: 1234.53 ng/ml

Instrument :
ECD_P
ClientSampleId :



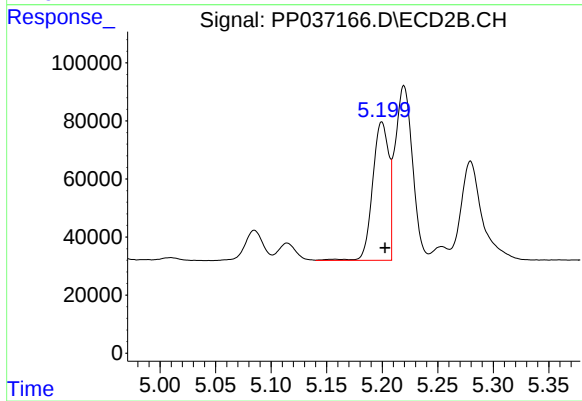
#15 AR-1232-5

R.T.: 5.691 min
Delta R.T.: -0.003 min
Response: 353817
Conc: 1190.22 ng/ml



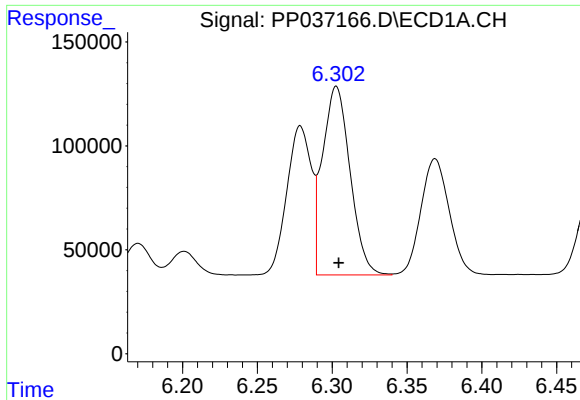
#16 AR-1242-1

R.T.: 6.279 min
Delta R.T.: -0.002 min
Response: 817252
Conc: 641.14 ng/ml



#16 AR-1242-1

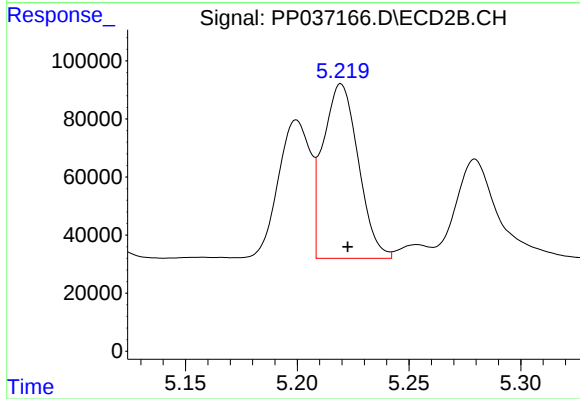
R.T.: 5.200 min
Delta R.T.: -0.003 min
Response: 482815
Conc: 640.59 ng/ml



#17 AR-1242-2

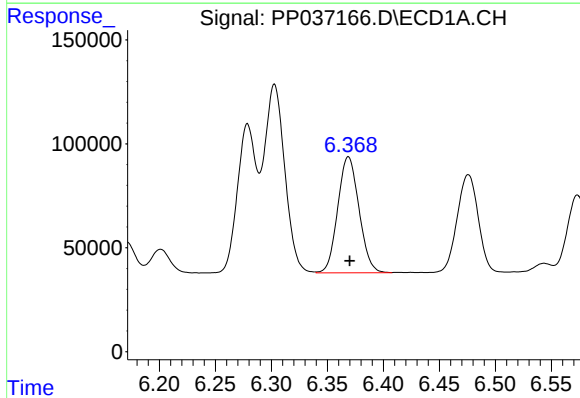
R.T.: 6.303 min
Delta R.T.: -0.002 min
Response: 1164223
Conc: 642.11 ng/ml

Instrument :
ECD_P
ClientSampleId :



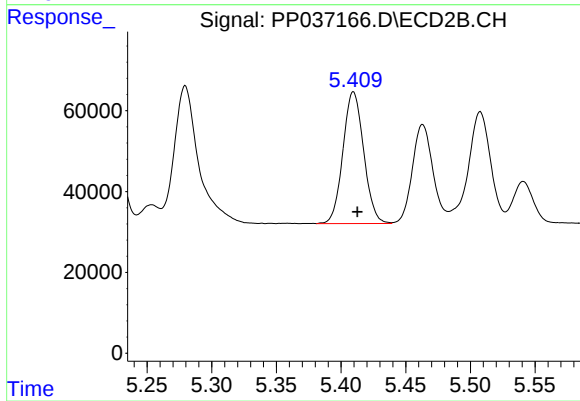
#17 AR-1242-2

R.T.: 5.220 min
Delta R.T.: -0.003 min
Response: 658223
Conc: 639.69 ng/ml



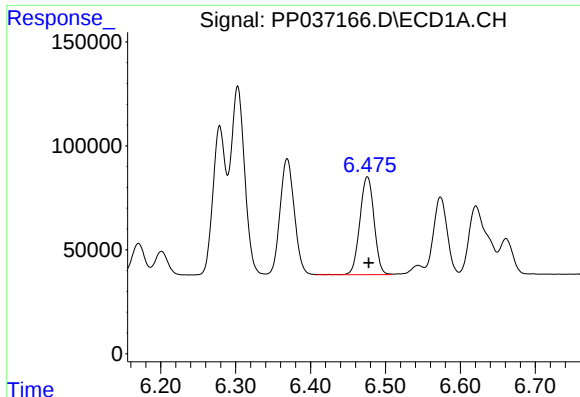
#18 AR-1242-3

R.T.: 6.369 min
Delta R.T.: -0.001 min
Response: 736854
Conc: 640.65 ng/ml



#18 AR-1242-3

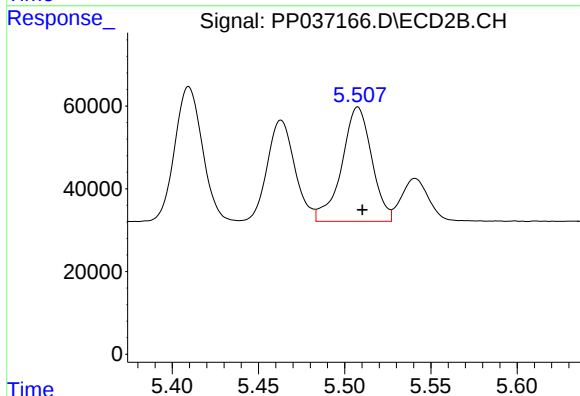
R.T.: 5.410 min
Delta R.T.: -0.003 min
Response: 363956
Conc: 639.17 ng/ml



#19 AR-1242-4

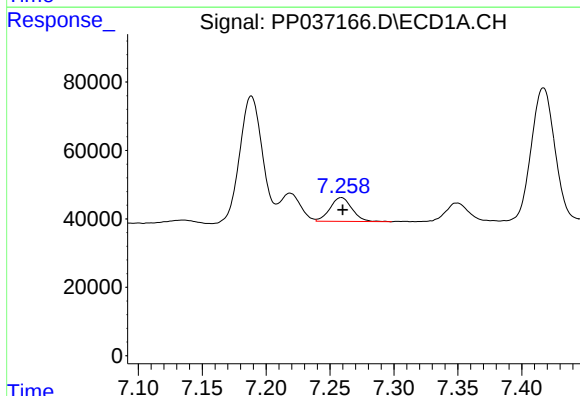
R.T.: 6.476 min
Delta R.T.: -0.002 min
Response: 618918
Conc: 646.52 ng/ml

Instrument :
ECD_P
ClientSampleId :



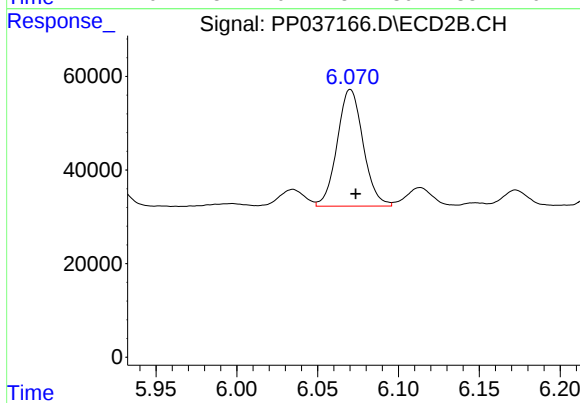
#19 AR-1242-4

R.T.: 5.508 min
Delta R.T.: -0.003 min
Response: 334652
Conc: 649.33 ng/ml



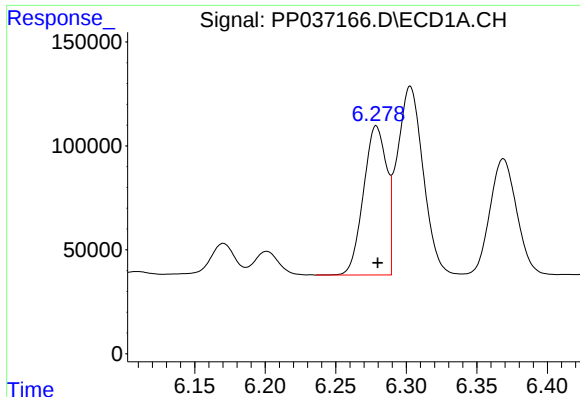
#20 AR-1242-5

R.T.: 7.259 min
Delta R.T.: -0.001 min
Response: 83403
Conc: 80.20 ng/ml



#20 AR-1242-5

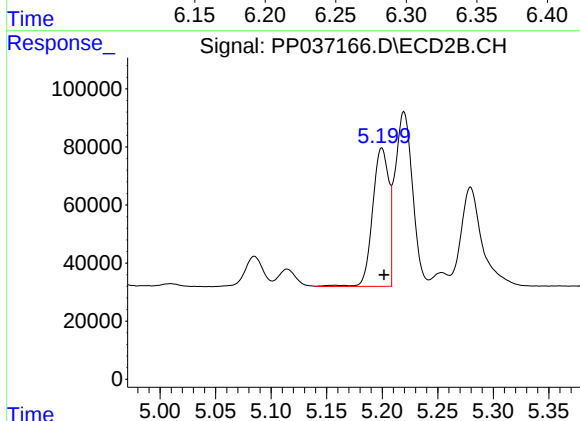
R.T.: 6.070 min
Delta R.T.: -0.003 min
Response: 279118
Conc: 410.06 ng/ml



#21 AR-1248-1

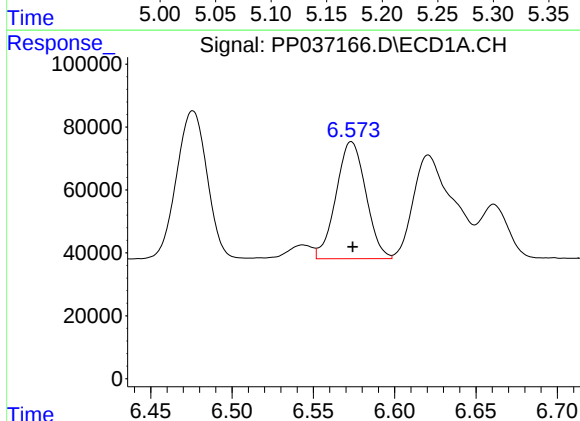
R.T.: 6.279 min
Delta R.T.: -0.001 min
Response: 817252
Conc: 778.65 ng/ml

Instrument :
ECD_P
ClientSampleId :



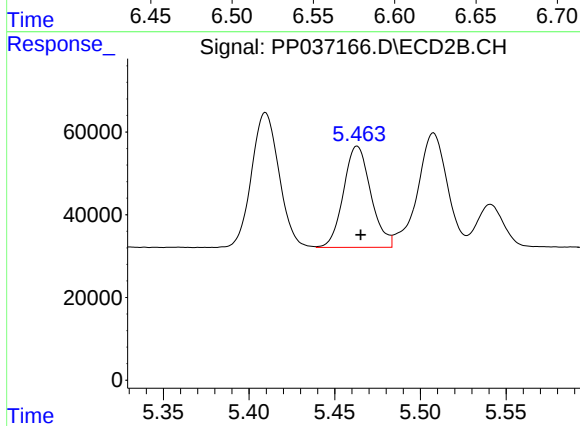
#21 AR-1248-1

R.T.: 5.200 min
Delta R.T.: -0.002 min
Response: 482815
Conc: 765.08 ng/ml



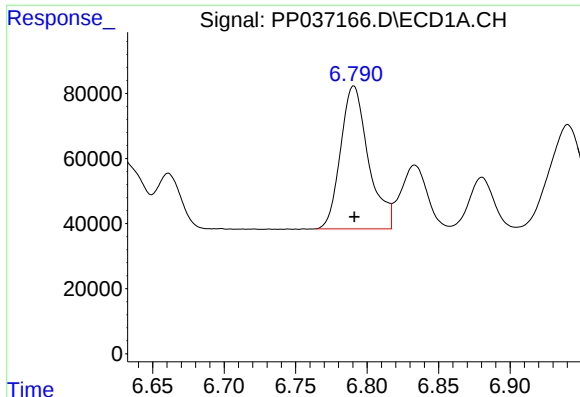
#22 AR-1248-2

R.T.: 6.573 min
Delta R.T.: 0.000 min
Response: 474785
Conc: 319.82 ng/ml



#22 AR-1248-2

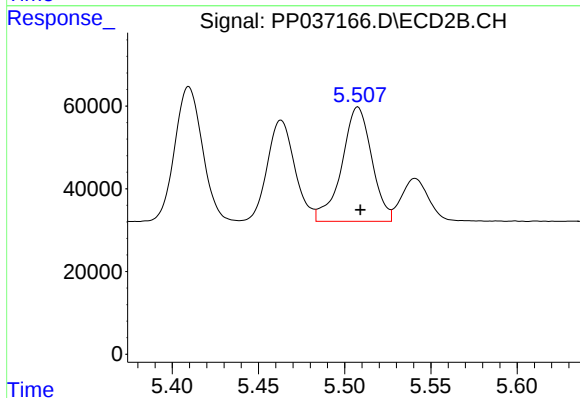
R.T.: 5.463 min
Delta R.T.: -0.002 min
Response: 272174
Conc: 331.81 ng/ml



#23 AR-1248-3

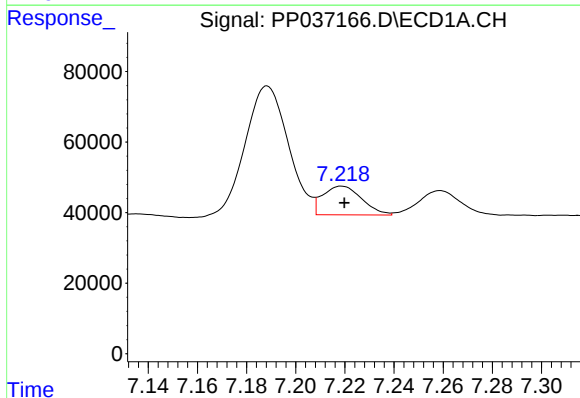
R.T.: 6.791 min
Delta R.T.: 0.000 min
Response: 594442
Conc: 359.87 ng/ml

Instrument :
ECD_P
ClientSampleId :



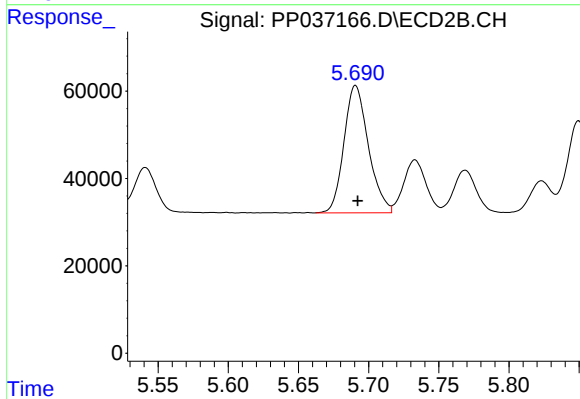
#23 AR-1248-3

R.T.: 5.508 min
Delta R.T.: -0.001 min
Response: 334652
Conc: 391.05 ng/ml



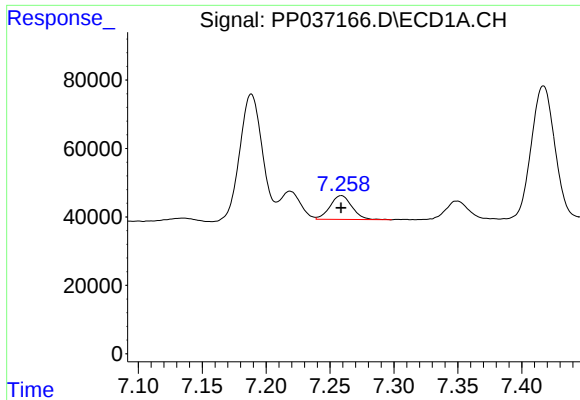
#24 AR-1248-4

R.T.: 7.219 min
Delta R.T.: -0.001 min
Response: 89556
Conc: 47.38 ng/ml



#24 AR-1248-4

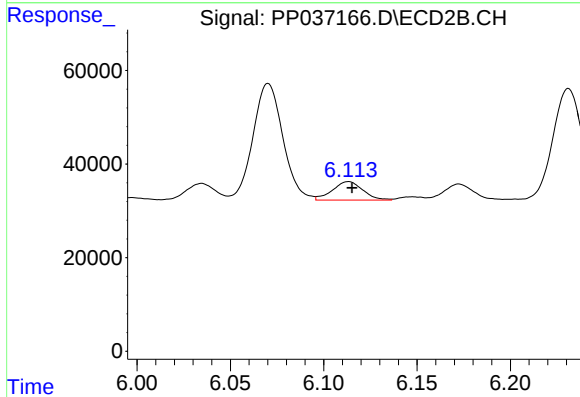
R.T.: 5.691 min
Delta R.T.: -0.002 min
Response: 353817
Conc: 347.67 ng/ml



#25 AR-1248-5

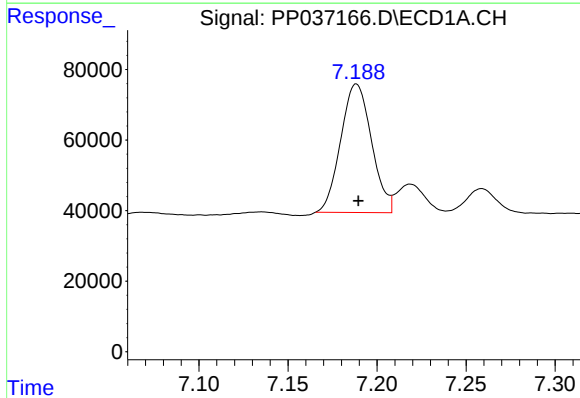
R.T.: 7.259 min
Delta R.T.: 0.000 min
Response: 83403
Conc: 44.56 ng/ml

Instrument :
ECD_P
ClientSampleId :



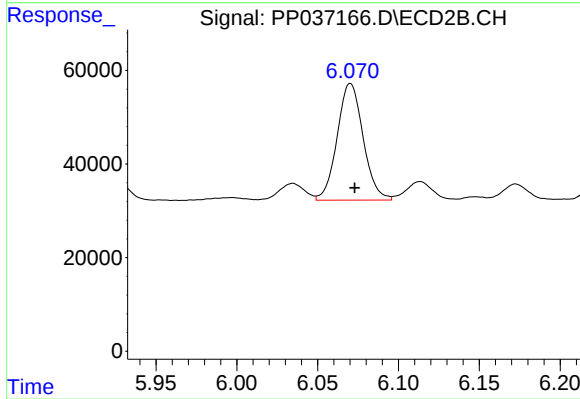
#25 AR-1248-5

R.T.: 6.113 min
Delta R.T.: -0.002 min
Response: 45006
Conc: 42.43 ng/ml



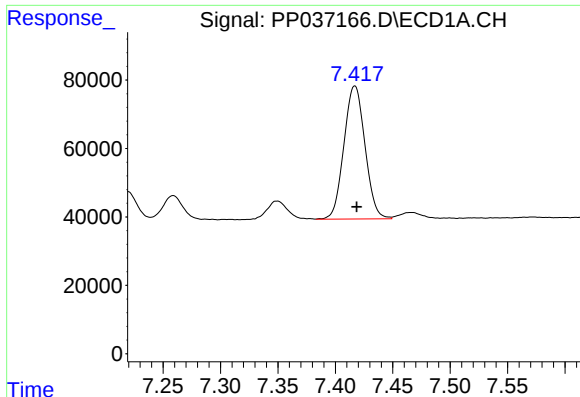
#26 AR-1254-1

R.T.: 7.188 min
Delta R.T.: -0.001 min
Response: 438986
Conc: 244.36 ng/ml



#26 AR-1254-1

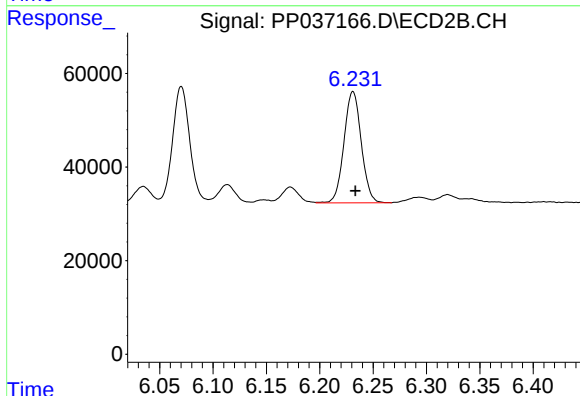
R.T.: 6.070 min
Delta R.T.: -0.003 min
Response: 279118
Conc: 188.01 ng/ml



#27 AR-1254-2

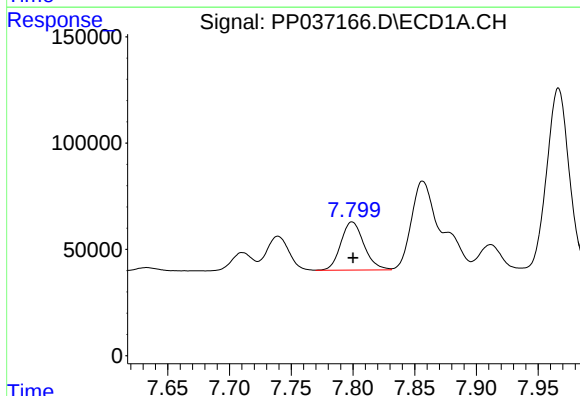
R.T.: 7.417 min
Delta R.T.: -0.002 min
Response: 499500
Conc: 179.57 ng/ml

Instrument :
ECD_P
ClientSampleId :



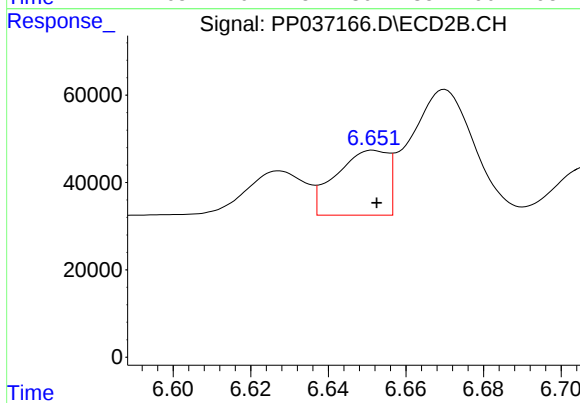
#27 AR-1254-2

R.T.: 6.231 min
Delta R.T.: -0.002 min
Response: 267985
Conc: 206.30 ng/ml



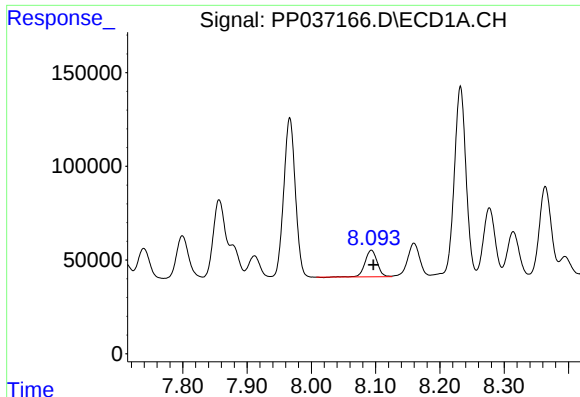
#28 AR-1254-3

R.T.: 7.799 min
Delta R.T.: 0.000 min
Response: 295149
Conc: 95.73 ng/ml



#28 AR-1254-3

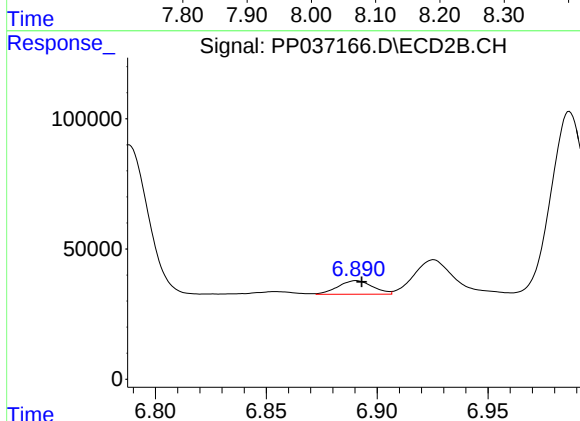
R.T.: 6.652 min
Delta R.T.: 0.000 min
Response: 138443
Conc: 64.87 ng/ml



#29 AR-1254-4

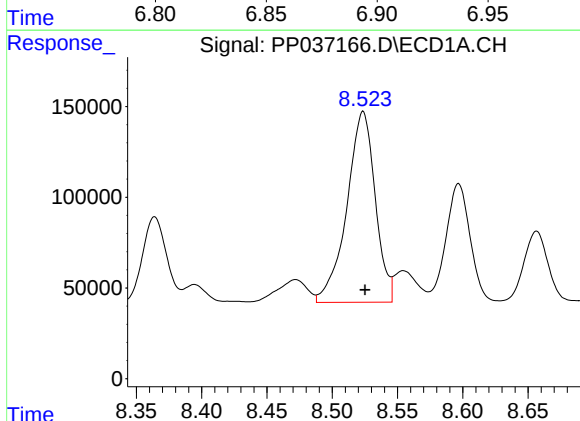
R.T.: 8.093 min
Delta R.T.: -0.003 min
Response: 187231
Conc: 82.43 ng/ml

Instrument :
ECD_P
ClientSampleId :



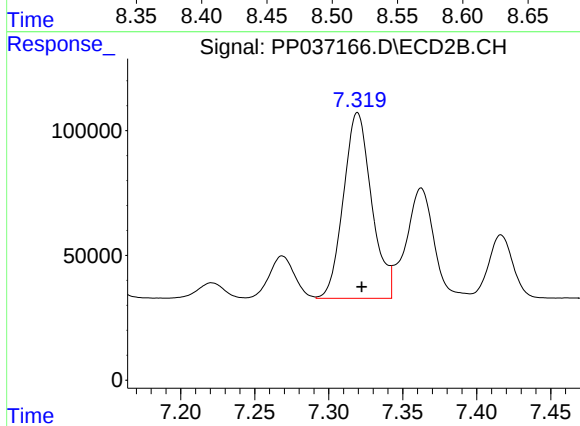
#29 AR-1254-4

R.T.: 6.891 min
Delta R.T.: -0.002 min
Response: 56885
Conc: 41.93 ng/ml



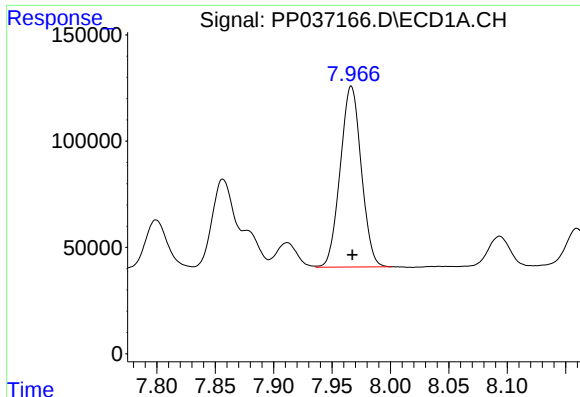
#30 AR-1254-5

R.T.: 8.524 min
Delta R.T.: -0.002 min
Response: 1593150
Conc: 636.65 ng/ml



#30 AR-1254-5

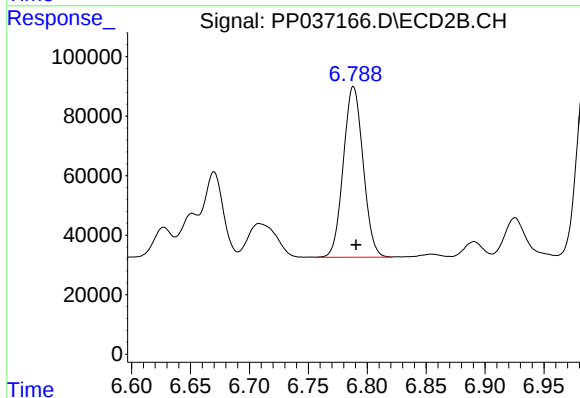
R.T.: 7.319 min
Delta R.T.: -0.003 min
Response: 987221
Conc: 526.62 ng/ml



#31 AR-1260-1

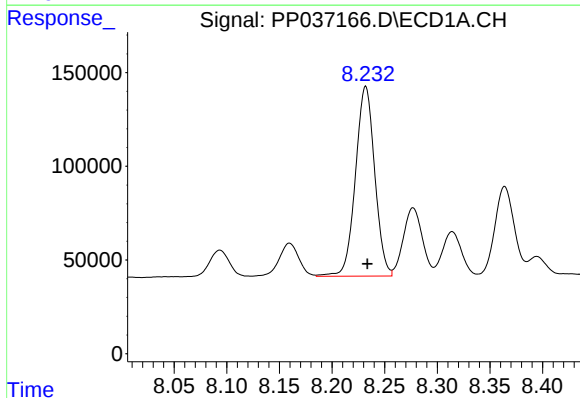
R.T.: 7.966 min
Delta R.T.: -0.001 min
Response: 1065692
Conc: 484.09 ng/ml

Instrument :
ECD_P
ClientSampleId :



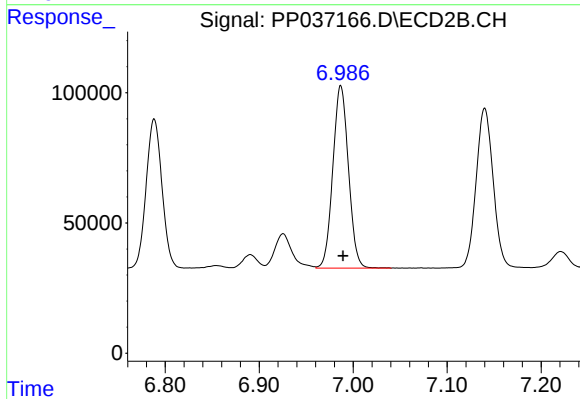
#31 AR-1260-1

R.T.: 6.788 min
Delta R.T.: -0.002 min
Response: 670637
Conc: 485.33 ng/ml



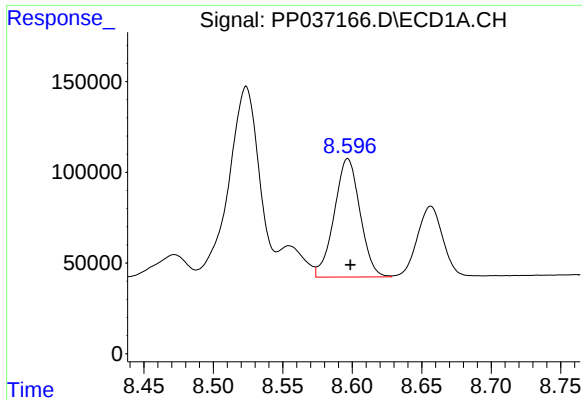
#32 AR-1260-2

R.T.: 8.232 min
Delta R.T.: -0.002 min
Response: 1290379
Conc: 463.87 ng/ml



#32 AR-1260-2

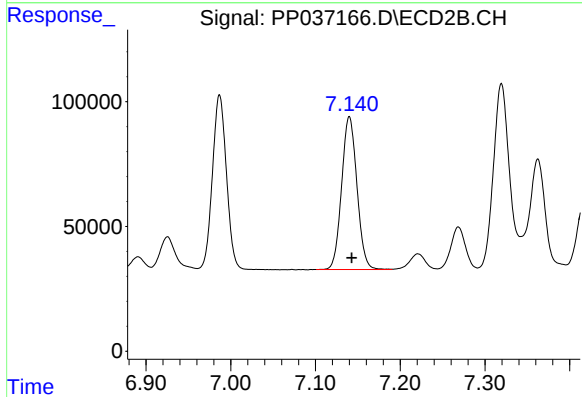
R.T.: 6.987 min
Delta R.T.: -0.002 min
Response: 807801
Conc: 480.85 ng/ml



#33 AR-1260-3

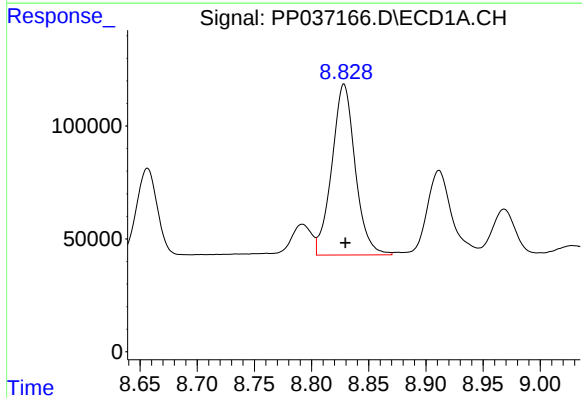
R.T.: 8.597 min
Delta R.T.: -0.002 min
Response: 843670
Conc: 417.41 ng/ml

Instrument :
ECD_P
ClientSampleId :



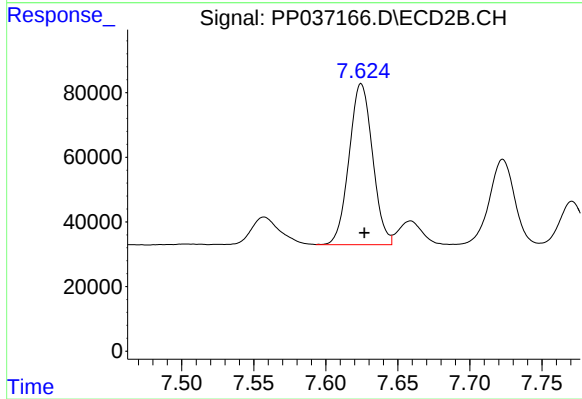
#33 AR-1260-3

R.T.: 7.140 min
Delta R.T.: -0.003 min
Response: 769821
Conc: 449.29 ng/ml



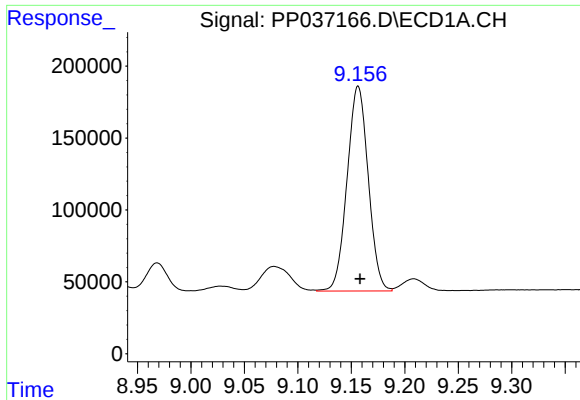
#34 AR-1260-4

R.T.: 8.828 min
Delta R.T.: -0.001 min
Response: 1077005
Conc: 437.84 ng/ml



#34 AR-1260-4

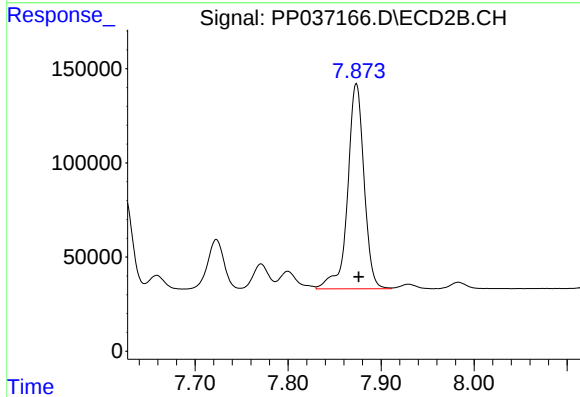
R.T.: 7.625 min
Delta R.T.: -0.002 min
Response: 565918
Conc: 416.26 ng/ml



#35 AR-1260-5

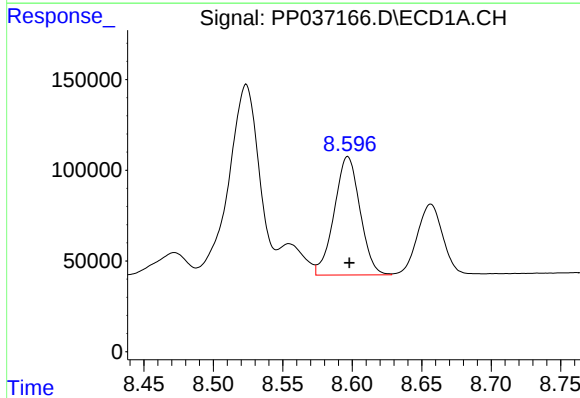
R.T.: 9.156 min
Delta R.T.: -0.002 min
Response: 1961970
Conc: 425.18 ng/ml

Instrument :
ECD_P
ClientSampleId :



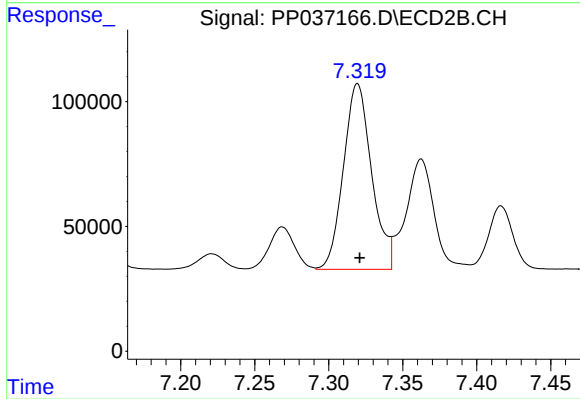
#35 AR-1260-5

R.T.: 7.873 min
Delta R.T.: -0.002 min
Response: 1336032
Conc: 414.22 ng/ml



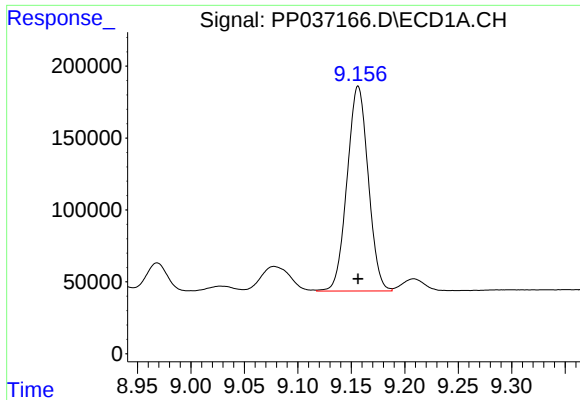
#36 AR-1262-1

R.T.: 8.597 min
Delta R.T.: -0.001 min
Response: 843670
Conc: 289.67 ng/ml



#36 AR-1262-1

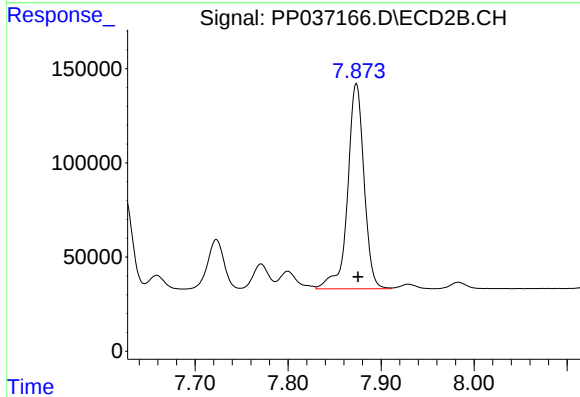
R.T.: 7.319 min
Delta R.T.: -0.001 min
Response: 987221
Conc: 950.72 ng/ml



#37 AR-1262-2

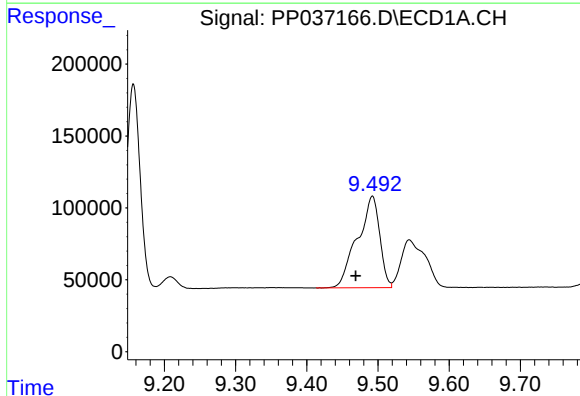
R.T.: 9.156 min
Delta R.T.: 0.000 min
Response: 1961970
Conc: 373.59 ng/ml

Instrument :
ECD_P
ClientSampleId :



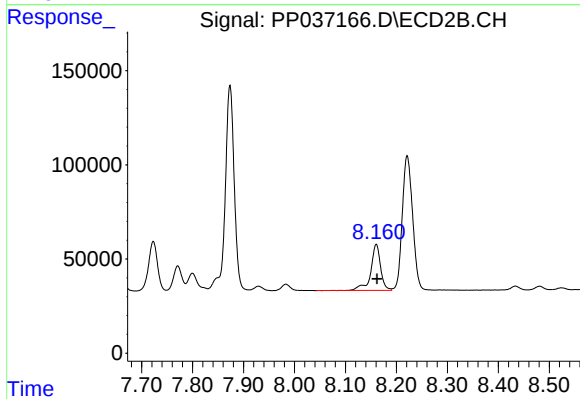
#37 AR-1262-2

R.T.: 7.873 min
Delta R.T.: -0.002 min
Response: 1336032
Conc: 384.07 ng/ml



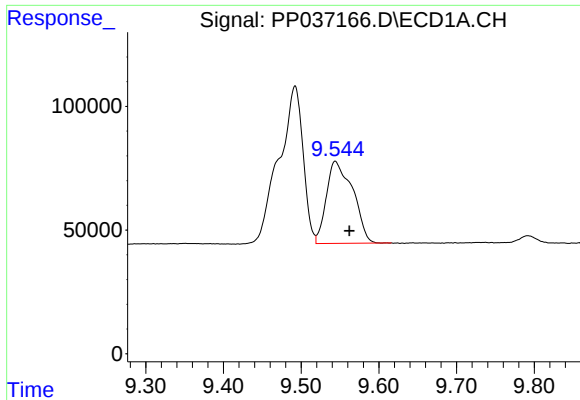
#38 AR-1262-3

R.T.: 9.492 min
Delta R.T.: 0.023 min
Response: 1382678
Conc: 360.86 ng/ml



#38 AR-1262-3

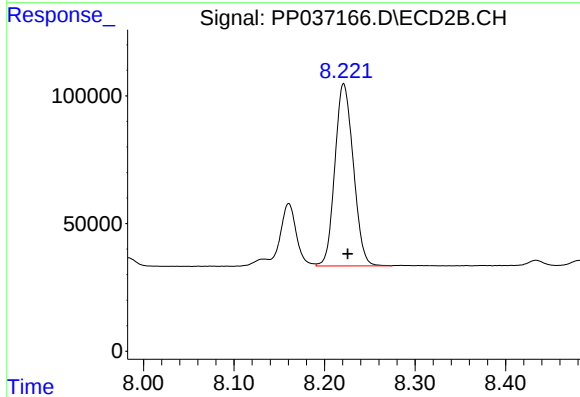
R.T.: 8.161 min
Delta R.T.: -0.001 min
Response: 327390
Conc: 232.53 ng/ml



#39 AR-1262-4

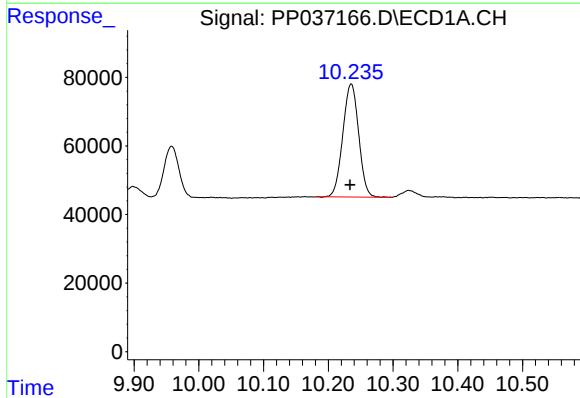
R.T.: 9.544 min
Delta R.T.: -0.018 min
Response: 783270
Conc: 266.56 ng/ml

Instrument :
ECD_P
ClientSampleId :



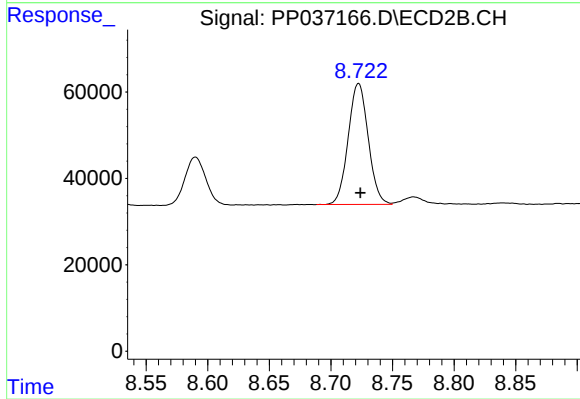
#39 AR-1262-4

R.T.: 8.221 min
Delta R.T.: -0.004 min
Response: 1008957
Conc: 378.88 ng/ml



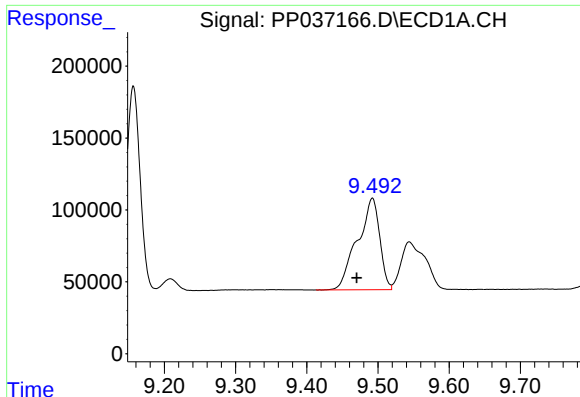
#40 AR-1262-5

R.T.: 10.235 min
Delta R.T.: 0.001 min
Response: 560425
Conc: 263.57 ng/ml



#40 AR-1262-5

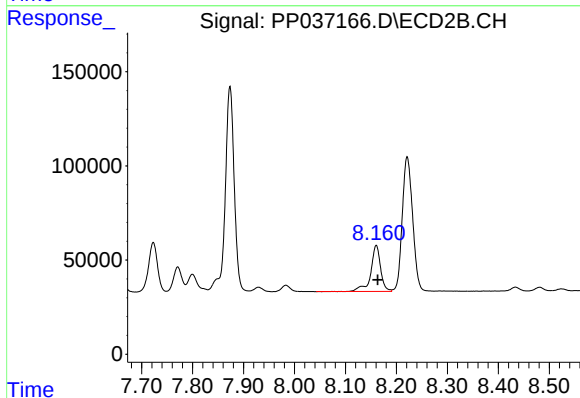
R.T.: 8.723 min
Delta R.T.: -0.001 min
Response: 317416
Conc: 251.12 ng/ml



#41 AR-1268-1

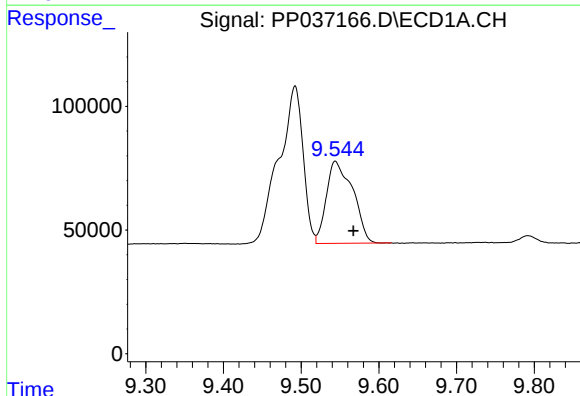
R.T.: 9.492 min
Delta R.T.: 0.022 min
Response: 1382678
Conc: 227.68 ng/ml

Instrument :
ECD_P
ClientSampleId :



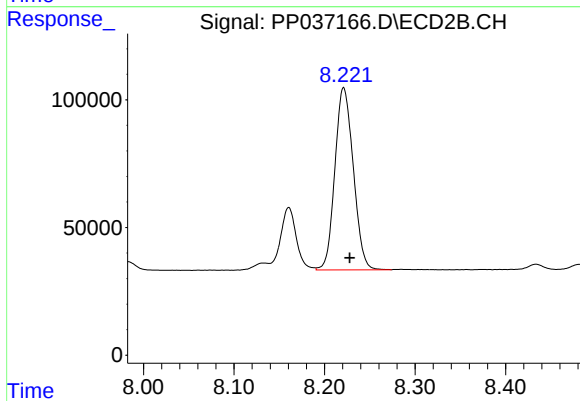
#41 AR-1268-1

R.T.: 8.161 min
Delta R.T.: -0.003 min
Response: 327390
Conc: 82.15 ng/ml



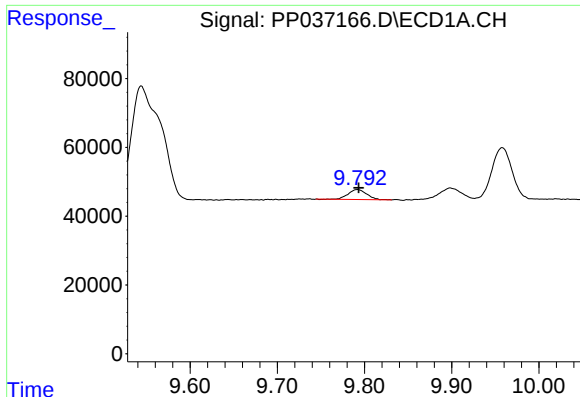
#42 AR-1268-2

R.T.: 9.544 min
Delta R.T.: -0.023 min
Response: 783270
Conc: 136.28 ng/ml



#42 AR-1268-2

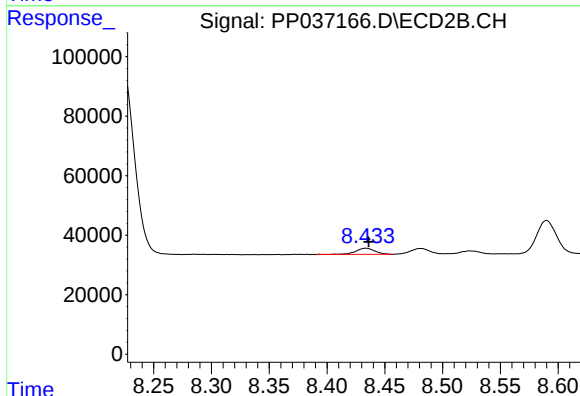
R.T.: 8.221 min
Delta R.T.: -0.007 min
Response: 1008957
Conc: 272.61 ng/ml



#43 AR-1268-3

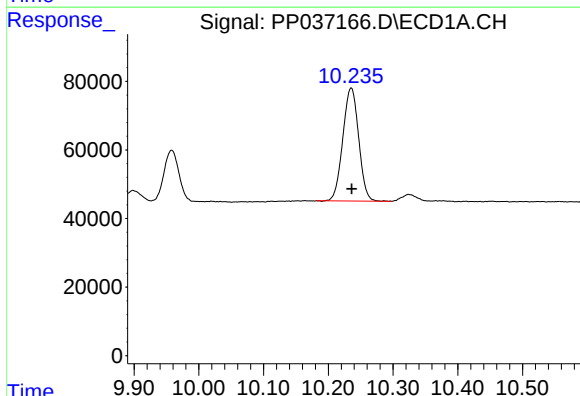
R.T.: 9.792 min
Delta R.T.: -0.002 min
Response: 41814
Conc: 8.53 ng/ml

Instrument :
ECD_P
ClientSampleId :



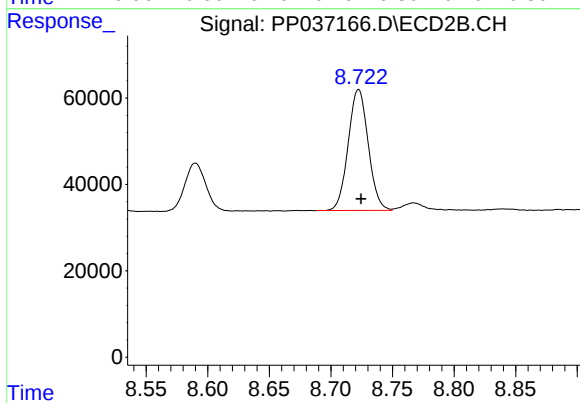
#43 AR-1268-3

R.T.: 8.434 min
Delta R.T.: -0.002 min
Response: 23661
Conc: 7.53 ng/ml



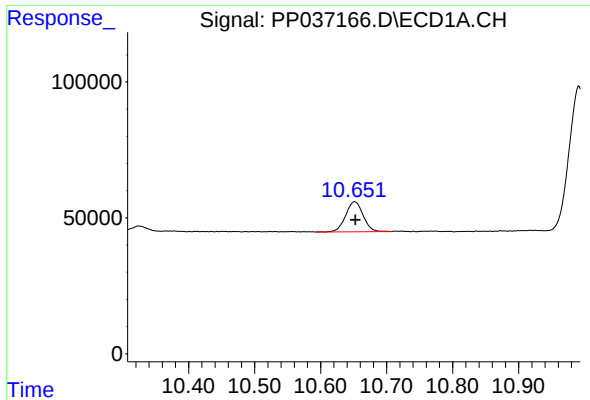
#44 AR-1268-4

R.T.: 10.235 min
Delta R.T.: 0.000 min
Response: 560425
Conc: 244.97 ng/ml



#44 AR-1268-4

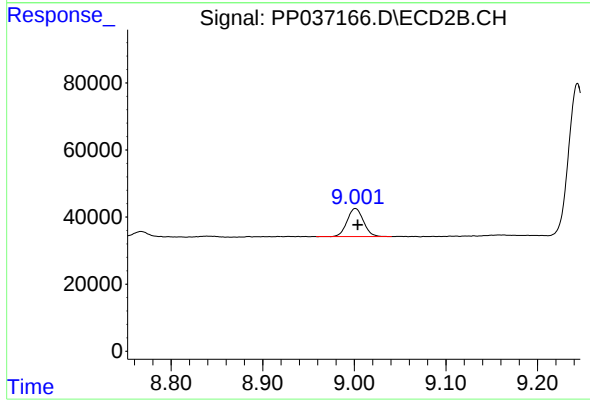
R.T.: 8.723 min
Delta R.T.: -0.002 min
Response: 317416
Conc: 231.61 ng/ml



#45 AR-1268-5

R.T.: 10.651 min
Delta R.T.: -0.001 min
Response: 203048
Conc: 12.82 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 9.001 min
Delta R.T.: -0.003 min
Response: 104277
Conc: 10.13 ng/ml