

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP072021\
 Data File : PP037444.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 20 Jul 2021 19:49
 Operator : DD\AJ
 Sample : M3096-01MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 21 02:13:27 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	1135739	646805	24.989	23.637
2)	SA Decachlor...	10.989	9.241	917031	501264	19.920	18.008
Target Compounds							
3)	L1 AR-1016-1	6.278	5.198	885772	528088	509.735	511.020
4)	L1 AR-1016-2	6.302	5.218	1285901	740061	514.342	516.892
5)	L1 AR-1016-3	6.368	5.408	812949	401938	510.424	514.445
6)	L1 AR-1016-4	6.475	5.462	689190	297928	522.673	493.594
7)	L1 AR-1016-5	6.790	5.689	636080	387500	502.827	501.817
8)	L2 AR-1221-1	5.206	4.203	117145	54908	220.874	179.781
9)	L2 AR-1221-2	5.307	4.302	118715	72177	293.027	306.598
10)	L2 AR-1221-3	5.394	4.390	521036	309752	427.626	416.454
11)	L3 AR-1232-1	5.394	4.390	521036	309752	468.932	456.210
12)	L3 AR-1232-2	5.984	5.218	727703	740061	1220.419	1182.372
13)	L3 AR-1232-3	6.302	5.408	1285901	401938	1175.137	1210.607
14)	L3 AR-1232-4	6.475	5.506	689190	364818	1187.084	1323.193
15)	L3 AR-1232-5	6.572	5.689	517129	387500	1344.634	1303.526
16)	L4 AR-1242-1	6.278	5.198	885772	528088	694.894	700.663
17)	L4 AR-1242-2	6.302	5.218	1285901	740061	709.221	719.224
18)	L4 AR-1242-3	6.368	5.408	812949	401938	706.811	705.875
19)	L4 AR-1242-4	6.475	5.506	689190	364818	719.930	707.866
20)	L4 AR-1242-5	7.258	6.068	110380	309307	106.139	454.410 #
21)	L5 AR-1248-1	6.278	5.198	885772	528088	843.935	836.818
22)	L5 AR-1248-2	6.572	5.462	517129	297928	348.340	363.207
23)	L5 AR-1248-3	6.790	5.506	636080	364818	385.082	426.302
24)	L5 AR-1248-4	7.218	5.689	134117	387500	70.958	380.770 #
25)	L5 AR-1248-5	7.258	6.111	110380	46024	58.976	43.389 #
26)	L6 AR-1254-1	7.188	6.068	539644	309307	300.387	208.347 #
27)	L6 AR-1254-2	7.416	6.229	604398	294576	217.278	226.771
28)	L6 AR-1254-3	7.799	6.649	340481	169044	110.438	79.214 #
29)	L6 AR-1254-4	8.093	6.888	250875	71555	110.448	52.741 #
30)	L6 AR-1254-5	8.522	7.318	1767819	1087962	706.451	580.358
31)	L7 AR-1260-1	7.965	6.786	1177282	742496	534.779	537.335
32)	L7 AR-1260-2	8.231	6.985	1445722	903649	519.712	537.907
33)	L7 AR-1260-3	8.597	7.138	909021	819590	449.748	478.340
34)	L7 AR-1260-4	8.827	7.622	1166806	588665	474.347	432.992
35)	L7 AR-1260-5	9.155	7.871	2114211	1379777	458.177	427.781
36)	L8 AR-1262-1	8.597	7.318	909021	1087962	312.110	1047.739 #
37)	L8 AR-1262-2	9.155	7.871	2114211	1379777	402.574	396.642
38)	L8 AR-1262-3	9.491f	8.158	1428668	266717	372.863	189.436 #
39)	L8 AR-1262-4	9.543f	8.219	817852	1018145	278.330	382.331 #
40)	L8 AR-1262-5	10.233	8.720	555293	307559	261.153	243.322
41)	L9 AR-1268-1	9.491f	8.158	1428668	266717	235.258	66.929 #

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 Acq On : 20 Jul 2021 19:49
 Operator : DD\AJ
 Sample : M3096-01MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

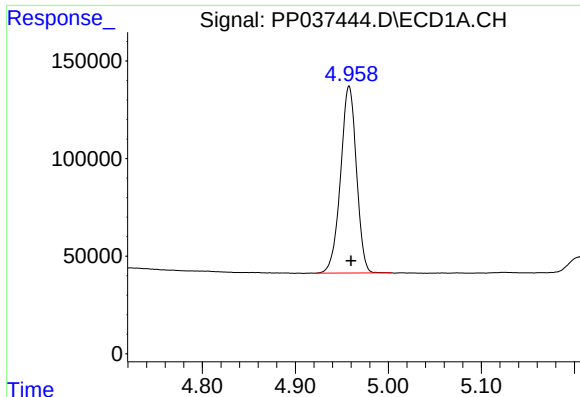
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 21 02:13:27 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	9.543f	8.219	817852	1018145	142.295	275.089 #
43) L9	AR-1268-3	9.792	8.430	50101	22296	10.218	7.098 #
44) L9	AR-1268-4	10.233	8.720	555293	307559	242.729	224.416
45) L9	AR-1268-5	10.649	8.999	188286	92999	11.892	9.036

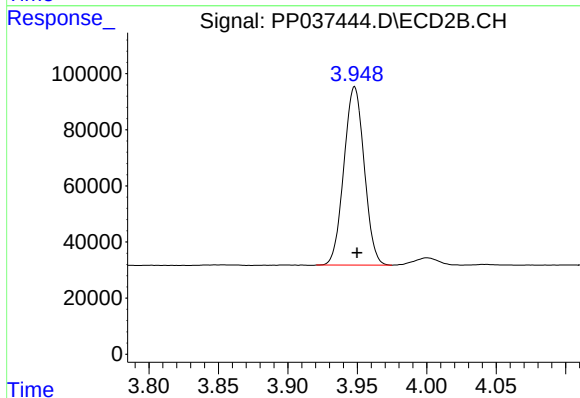
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

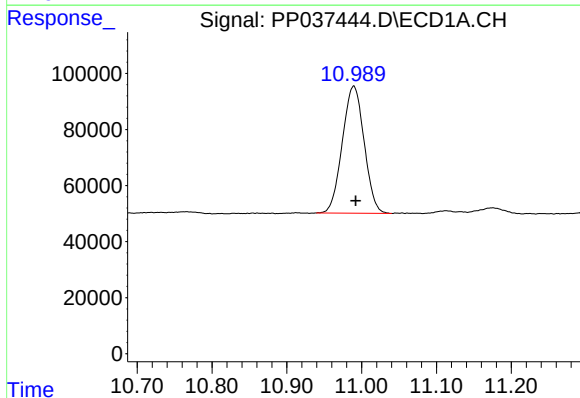
R.T.: 4.958 min
Delta R.T.: -0.002 min
Response: 1135739
Conc: 24.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



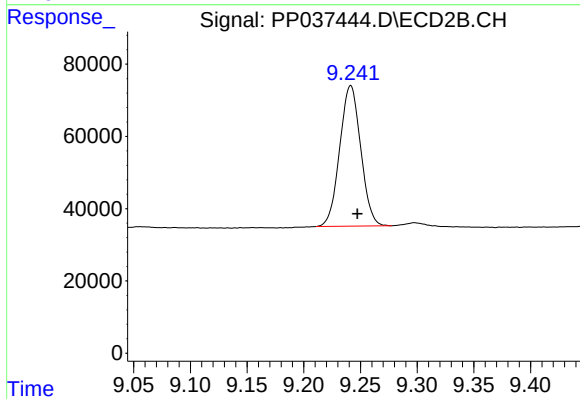
#1 Tetrachloro-m-xylene

R.T.: 3.948 min
Delta R.T.: -0.002 min
Response: 646805
Conc: 23.64 ng/ml



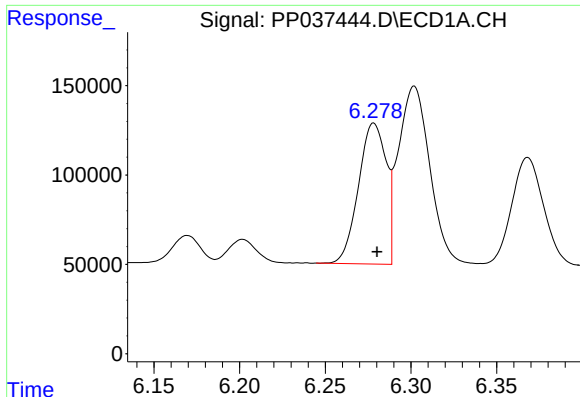
#2 Decachlorobiphenyl

R.T.: 10.989 min
Delta R.T.: -0.003 min
Response: 917031
Conc: 19.92 ng/ml



#2 Decachlorobiphenyl

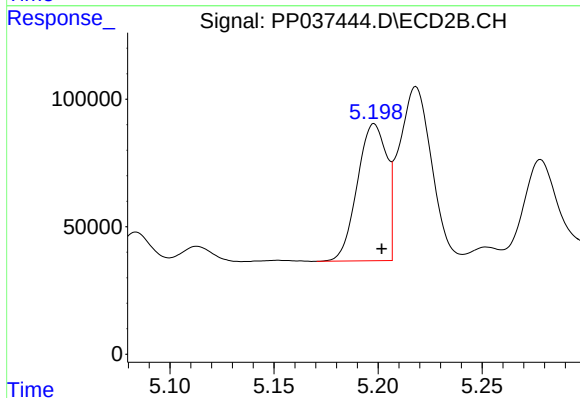
R.T.: 9.241 min
Delta R.T.: -0.006 min
Response: 501264
Conc: 18.01 ng/ml



#3 AR-1016-1

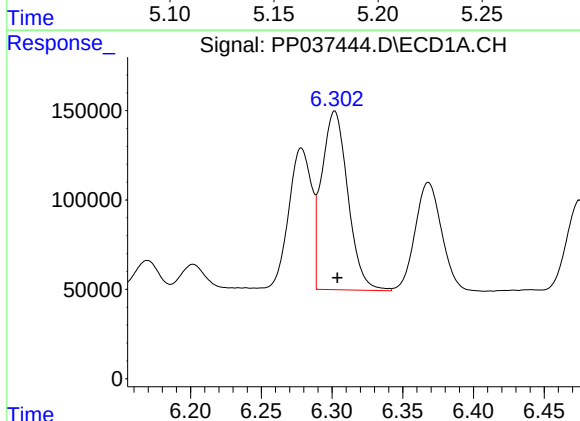
R.T.: 6.278 min
Delta R.T.: -0.002 min
Response: 885772
Conc: 509.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



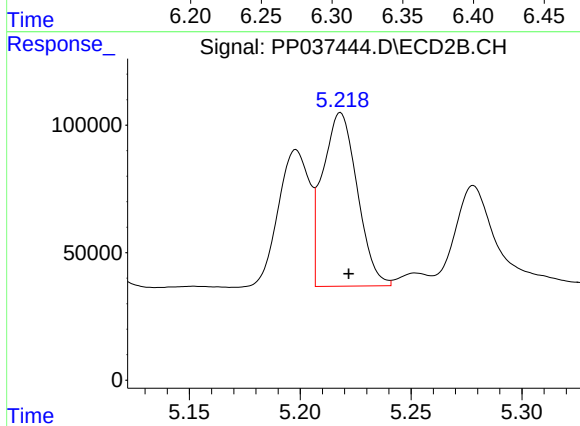
#3 AR-1016-1

R.T.: 5.198 min
Delta R.T.: -0.004 min
Response: 528088
Conc: 511.02 ng/ml



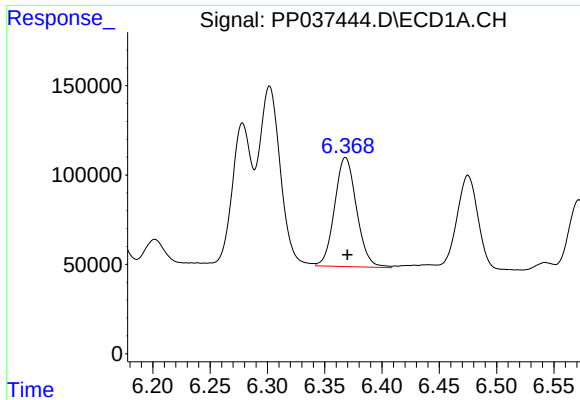
#4 AR-1016-2

R.T.: 6.302 min
Delta R.T.: -0.002 min
Response: 1285901
Conc: 514.34 ng/ml



#4 AR-1016-2

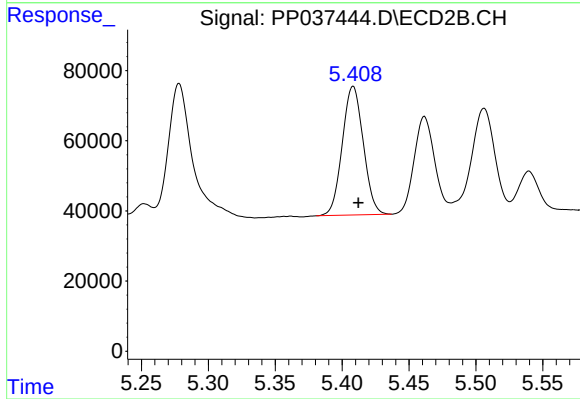
R.T.: 5.218 min
Delta R.T.: -0.004 min
Response: 740061
Conc: 516.89 ng/ml



#5 AR-1016-3

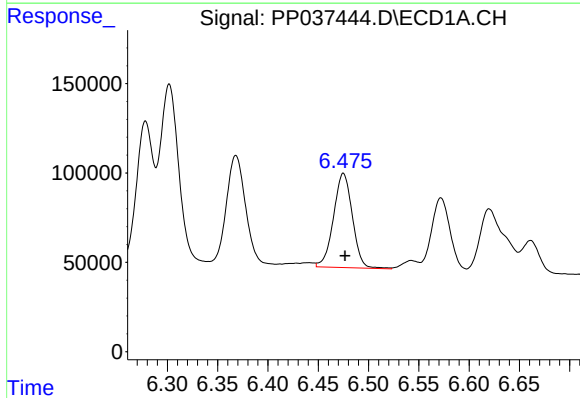
R.T.: 6.368 min
Delta R.T.: -0.002 min
Response: 812949
Conc: 510.42 ng/ml

Instrument :
ECD_O
ClientSampleId :



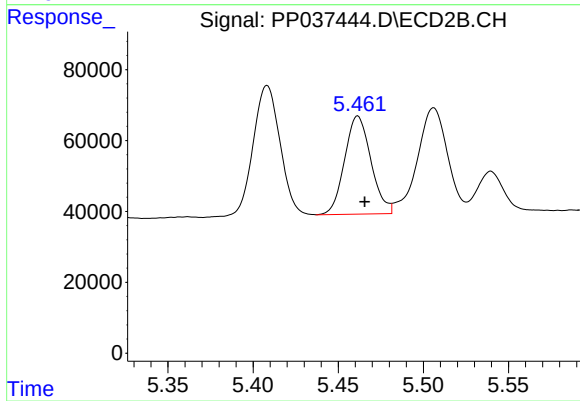
#5 AR-1016-3

R.T.: 5.408 min
Delta R.T.: -0.004 min
Response: 401938
Conc: 514.45 ng/ml



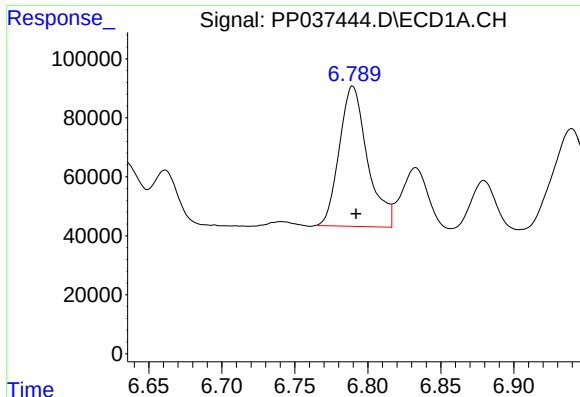
#6 AR-1016-4

R.T.: 6.475 min
Delta R.T.: -0.002 min
Response: 689190
Conc: 522.67 ng/ml



#6 AR-1016-4

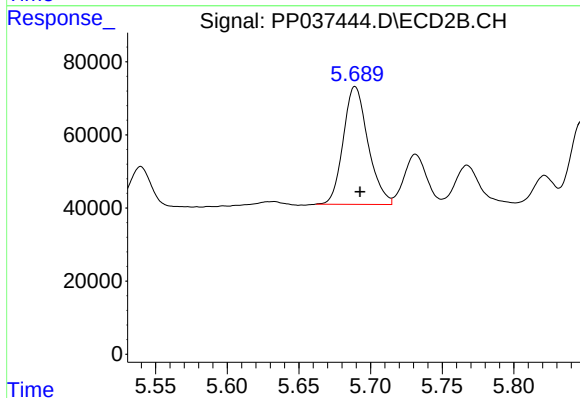
R.T.: 5.462 min
Delta R.T.: -0.004 min
Response: 297928
Conc: 493.59 ng/ml



#7 AR-1016-5

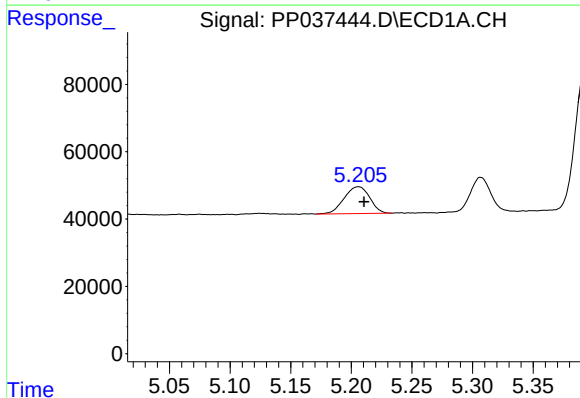
R.T.: 6.790 min
Delta R.T.: -0.002 min
Response: 636080
Conc: 502.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



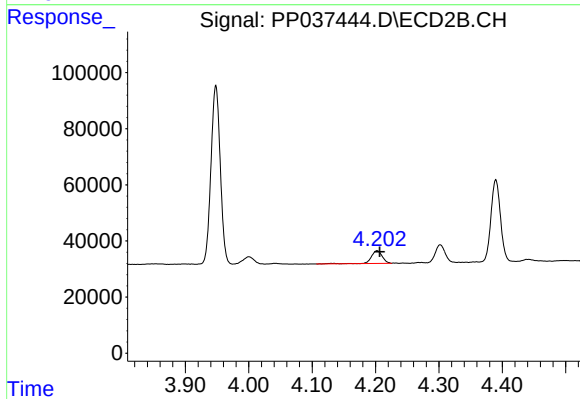
#7 AR-1016-5

R.T.: 5.689 min
Delta R.T.: -0.003 min
Response: 387500
Conc: 501.82 ng/ml



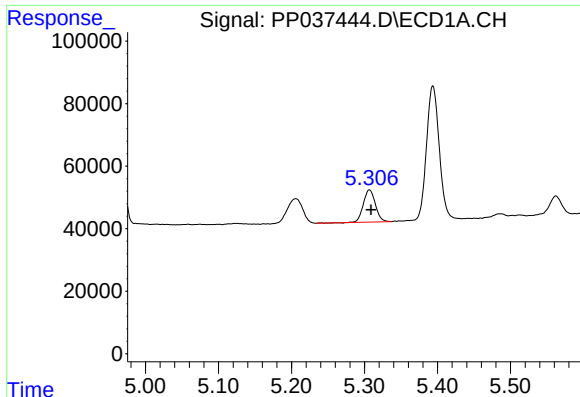
#8 AR-1221-1

R.T.: 5.206 min
Delta R.T.: -0.004 min
Response: 117145
Conc: 220.87 ng/ml



#8 AR-1221-1

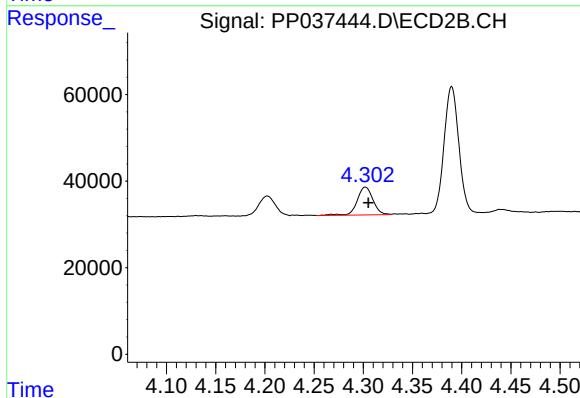
R.T.: 4.203 min
Delta R.T.: -0.004 min
Response: 54908
Conc: 179.78 ng/ml



#9 AR-1221-2

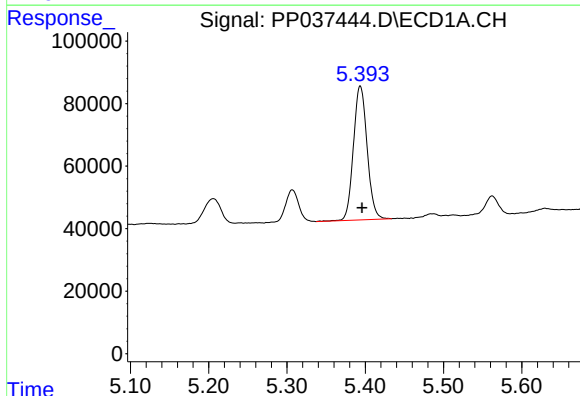
R.T.: 5.307 min
Delta R.T.: -0.002 min
Response: 118715
Conc: 293.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



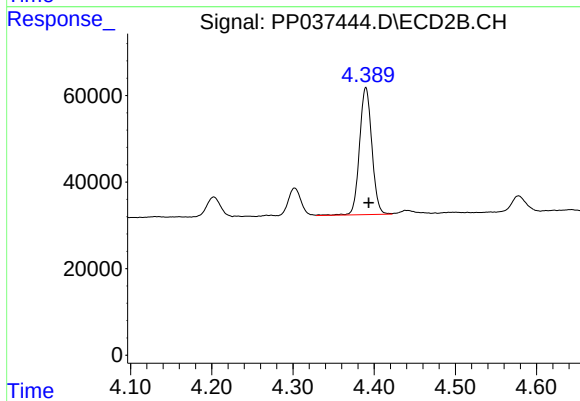
#9 AR-1221-2

R.T.: 4.302 min
Delta R.T.: -0.003 min
Response: 72177
Conc: 306.60 ng/ml



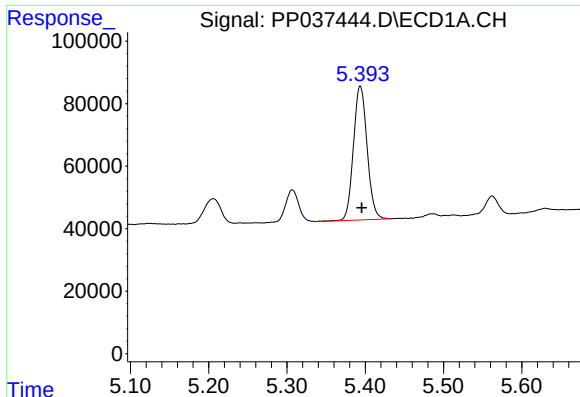
#10 AR-1221-3

R.T.: 5.394 min
Delta R.T.: -0.002 min
Response: 521036
Conc: 427.63 ng/ml



#10 AR-1221-3

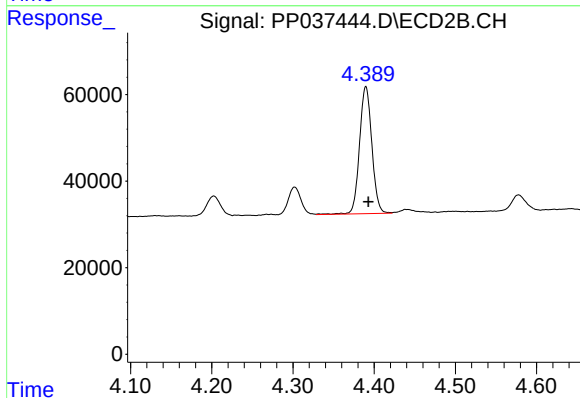
R.T.: 4.390 min
Delta R.T.: -0.003 min
Response: 309752
Conc: 416.45 ng/ml



#11 AR-1232-1

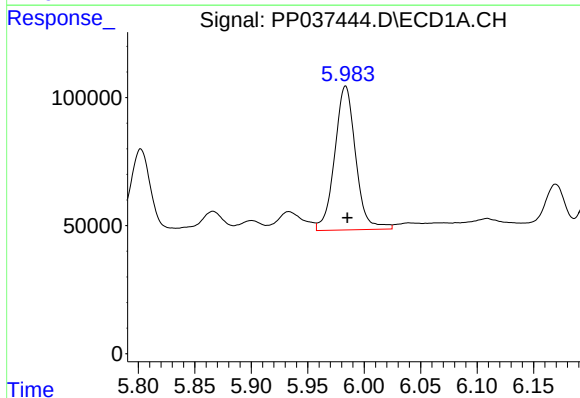
R.T.: 5.394 min
Delta R.T.: -0.002 min
Response: 521036
Conc: 468.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



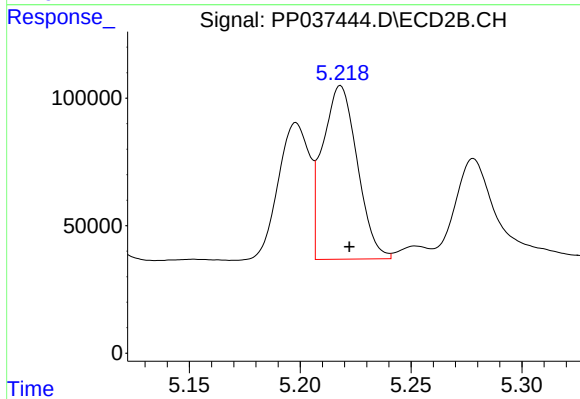
#11 AR-1232-1

R.T.: 4.390 min
Delta R.T.: -0.003 min
Response: 309752
Conc: 456.21 ng/ml



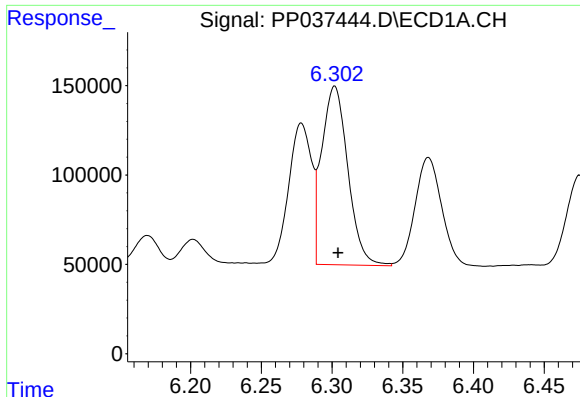
#12 AR-1232-2

R.T.: 5.984 min
Delta R.T.: -0.002 min
Response: 727703
Conc: 1220.42 ng/ml



#12 AR-1232-2

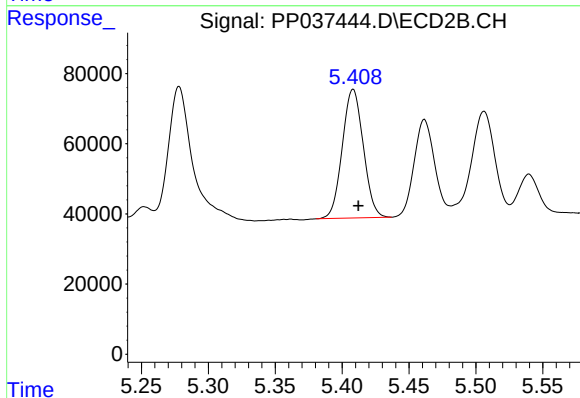
R.T.: 5.218 min
Delta R.T.: -0.004 min
Response: 740061
Conc: 1182.37 ng/ml



#13 AR-1232-3

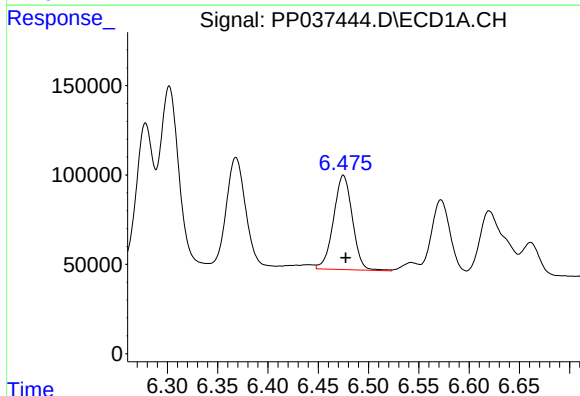
R.T.: 6.302 min
Delta R.T.: -0.002 min
Response: 1285901
Conc: 1175.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



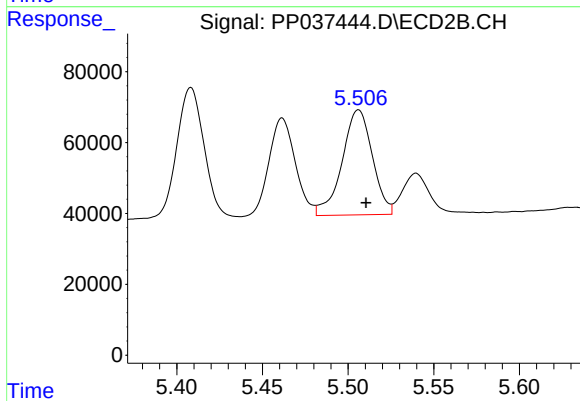
#13 AR-1232-3

R.T.: 5.408 min
Delta R.T.: -0.004 min
Response: 401938
Conc: 1210.61 ng/ml



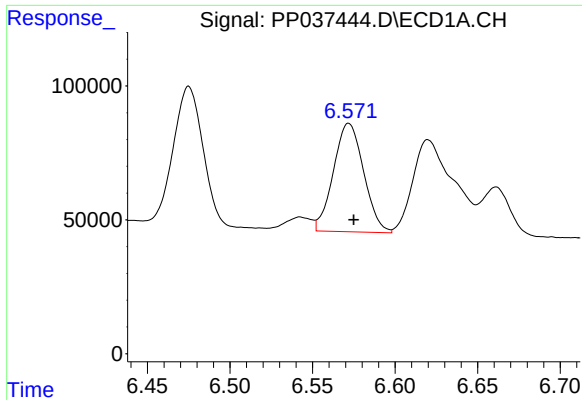
#14 AR-1232-4

R.T.: 6.475 min
Delta R.T.: -0.003 min
Response: 689190
Conc: 1187.08 ng/ml



#14 AR-1232-4

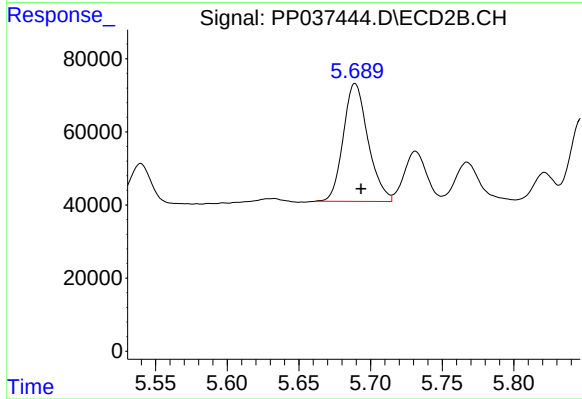
R.T.: 5.506 min
Delta R.T.: -0.004 min
Response: 364818
Conc: 1323.19 ng/ml



#15 AR-1232-5

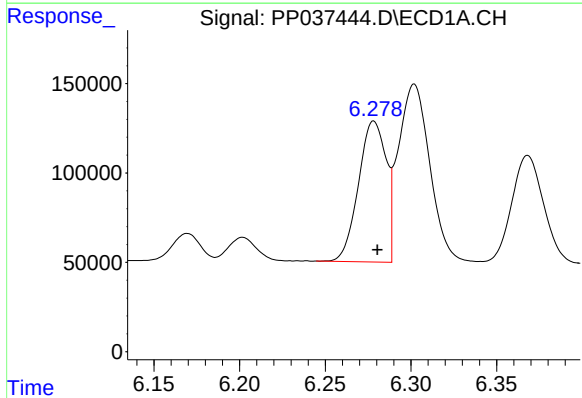
R.T.: 6.572 min
Delta R.T.: -0.003 min
Response: 517129
Conc: 1344.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



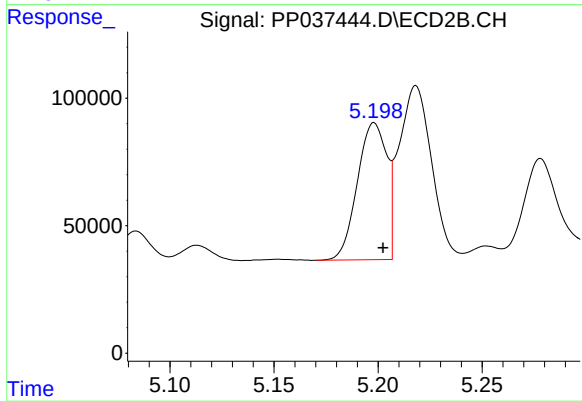
#15 AR-1232-5

R.T.: 5.689 min
Delta R.T.: -0.004 min
Response: 387500
Conc: 1303.53 ng/ml



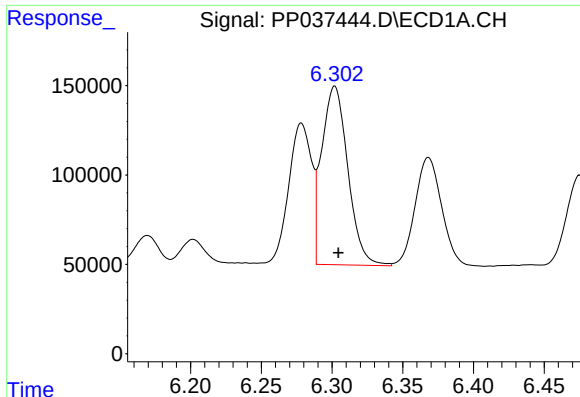
#16 AR-1242-1

R.T.: 6.278 min
Delta R.T.: -0.002 min
Response: 885772
Conc: 694.89 ng/ml



#16 AR-1242-1

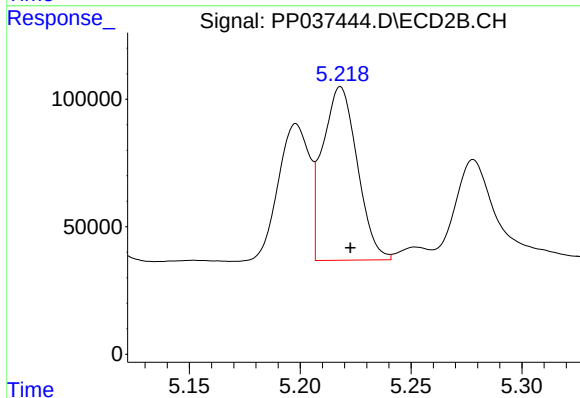
R.T.: 5.198 min
Delta R.T.: -0.004 min
Response: 528088
Conc: 700.66 ng/ml



#17 AR-1242-2

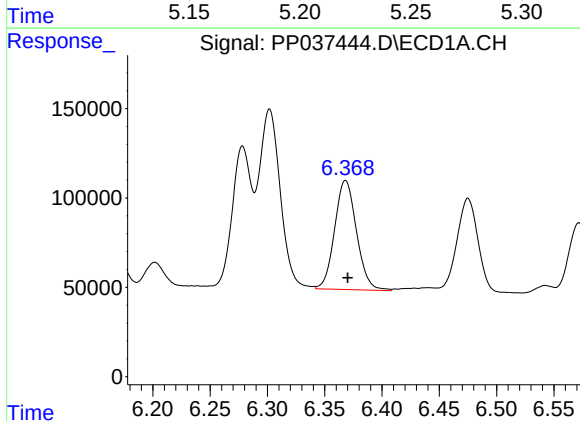
R.T.: 6.302 min
Delta R.T.: -0.003 min
Response: 1285901
Conc: 709.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



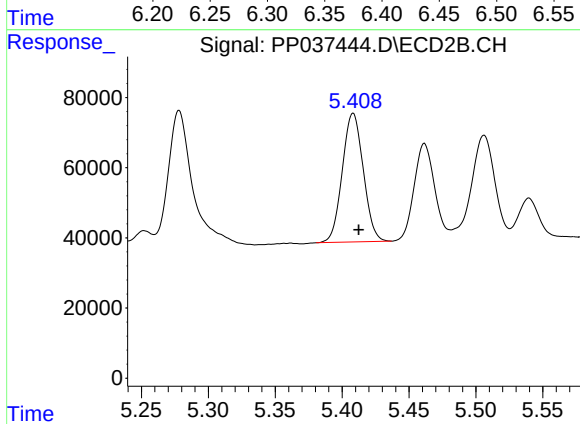
#17 AR-1242-2

R.T.: 5.218 min
Delta R.T.: -0.004 min
Response: 740061
Conc: 719.22 ng/ml



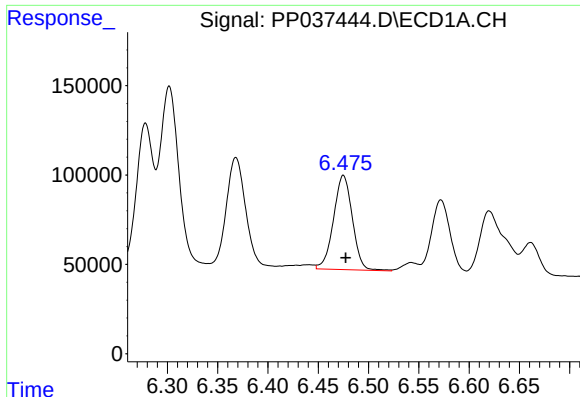
#18 AR-1242-3

R.T.: 6.368 min
Delta R.T.: -0.002 min
Response: 812949
Conc: 706.81 ng/ml



#18 AR-1242-3

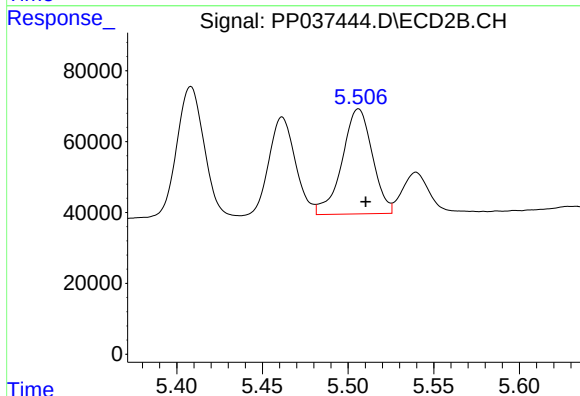
R.T.: 5.408 min
Delta R.T.: -0.004 min
Response: 401938
Conc: 705.87 ng/ml



#19 AR-1242-4

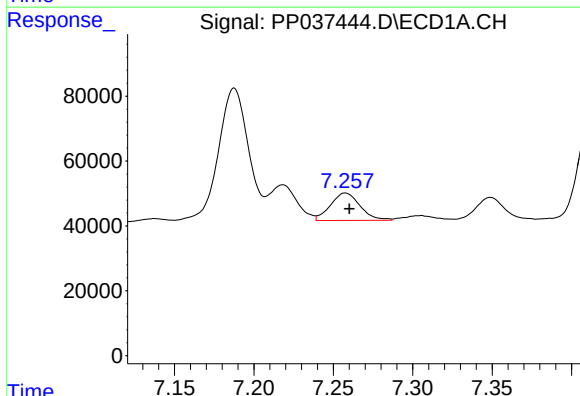
R.T.: 6.475 min
Delta R.T.: -0.003 min
Response: 689190
Conc: 719.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



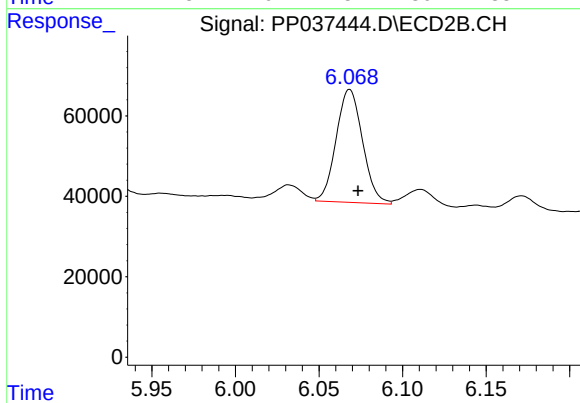
#19 AR-1242-4

R.T.: 5.506 min
Delta R.T.: -0.004 min
Response: 364818
Conc: 707.87 ng/ml



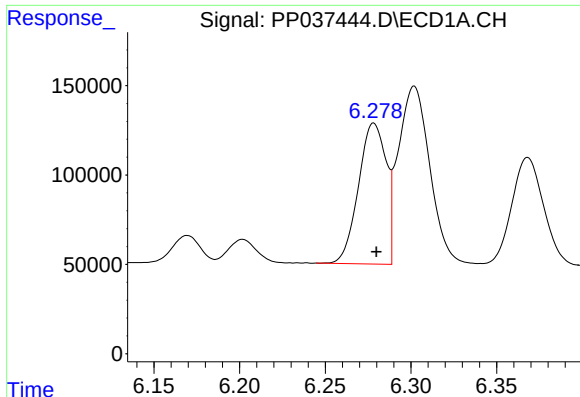
#20 AR-1242-5

R.T.: 7.258 min
Delta R.T.: -0.002 min
Response: 110380
Conc: 106.14 ng/ml



#20 AR-1242-5

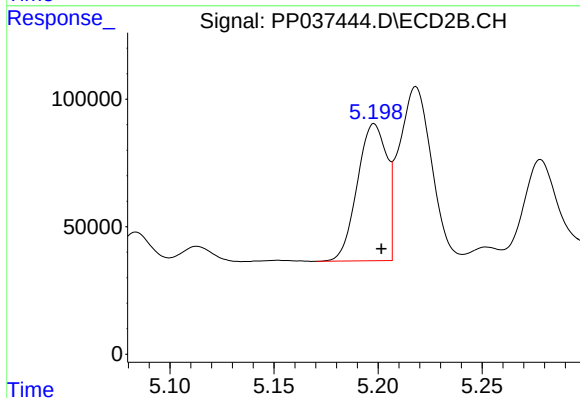
R.T.: 6.068 min
Delta R.T.: -0.005 min
Response: 309307
Conc: 454.41 ng/ml



#21 AR-1248-1

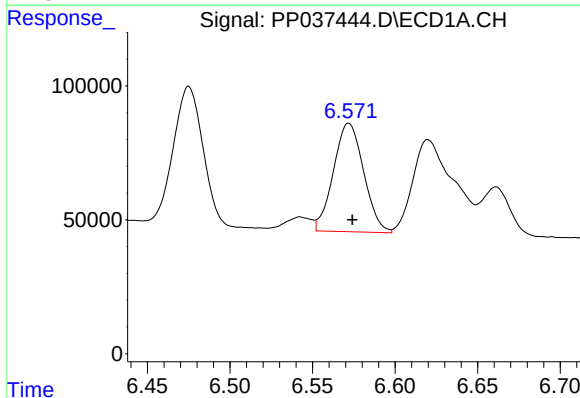
R.T.: 6.278 min
Delta R.T.: -0.002 min
Response: 885772
Conc: 843.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



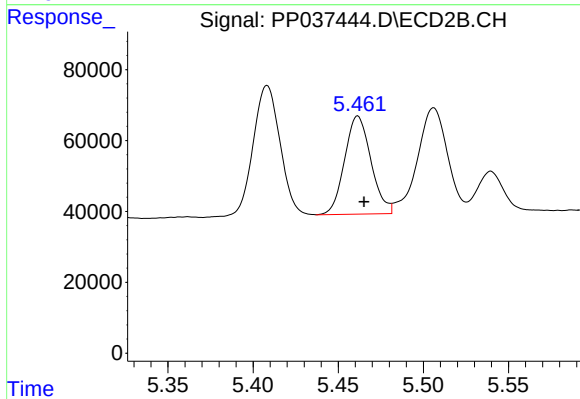
#21 AR-1248-1

R.T.: 5.198 min
Delta R.T.: -0.004 min
Response: 528088
Conc: 836.82 ng/ml



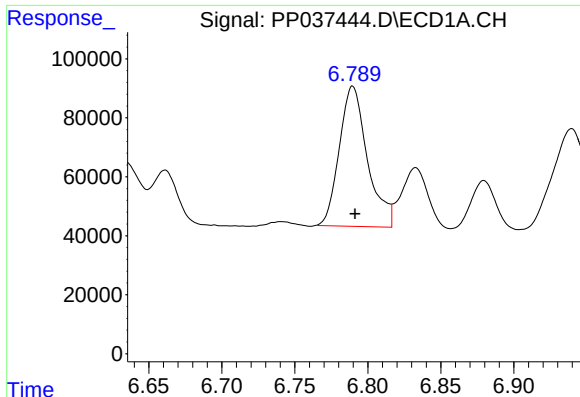
#22 AR-1248-2

R.T.: 6.572 min
Delta R.T.: -0.002 min
Response: 517129
Conc: 348.34 ng/ml



#22 AR-1248-2

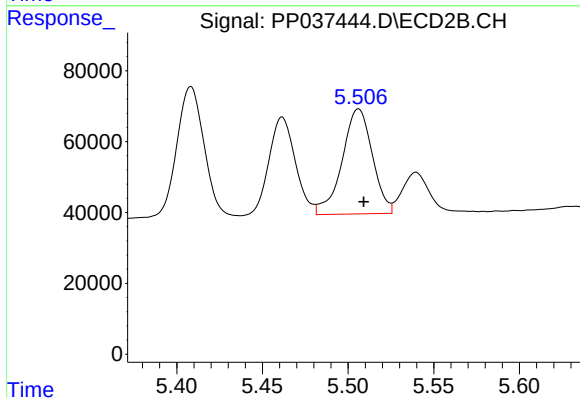
R.T.: 5.462 min
Delta R.T.: -0.004 min
Response: 297928
Conc: 363.21 ng/ml



#23 AR-1248-3

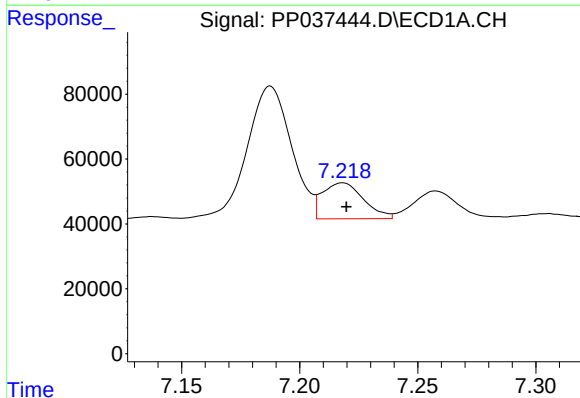
R.T.: 6.790 min
Delta R.T.: -0.002 min
Response: 636080
Conc: 385.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



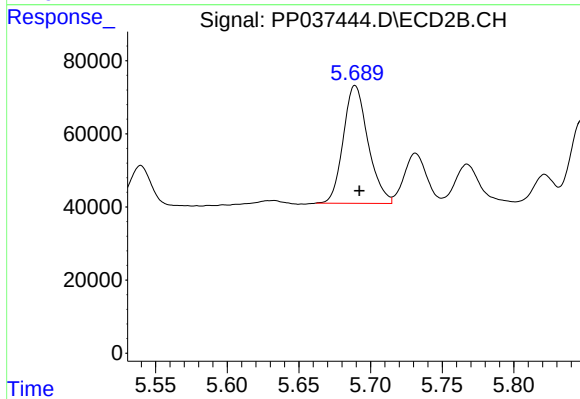
#23 AR-1248-3

R.T.: 5.506 min
Delta R.T.: -0.003 min
Response: 364818
Conc: 426.30 ng/ml



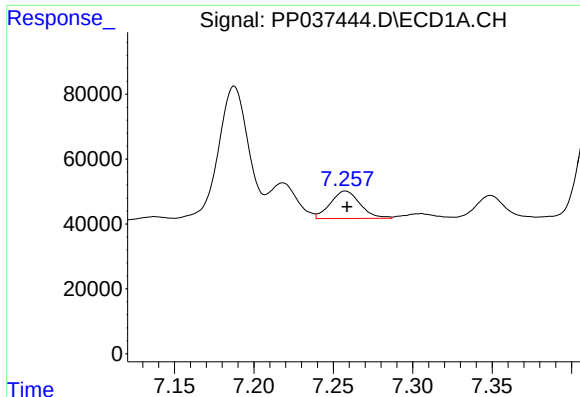
#24 AR-1248-4

R.T.: 7.218 min
Delta R.T.: -0.002 min
Response: 134117
Conc: 70.96 ng/ml



#24 AR-1248-4

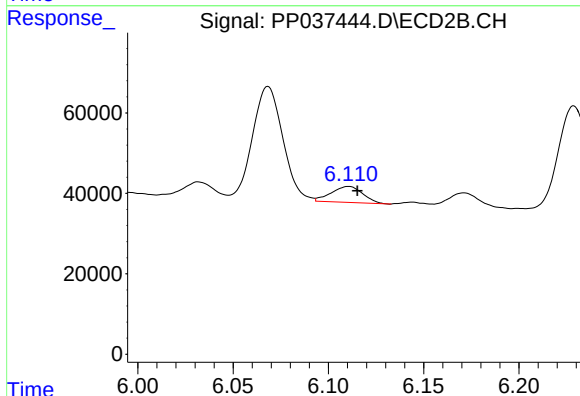
R.T.: 5.689 min
Delta R.T.: -0.003 min
Response: 387500
Conc: 380.77 ng/ml



#25 AR-1248-5

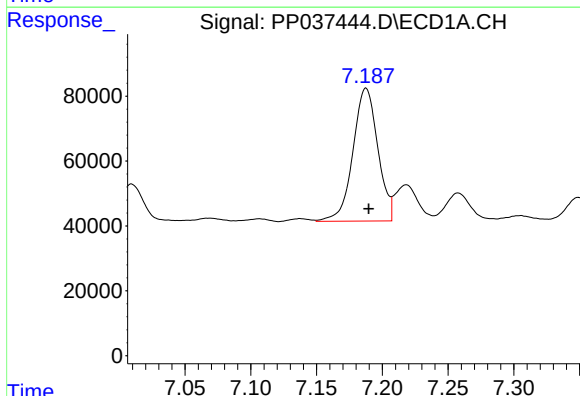
R.T.: 7.258 min
Delta R.T.: -0.001 min
Response: 110380
Conc: 58.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



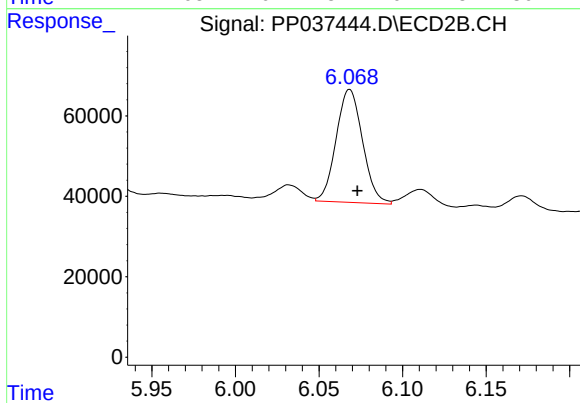
#25 AR-1248-5

R.T.: 6.111 min
Delta R.T.: -0.004 min
Response: 46024
Conc: 43.39 ng/ml



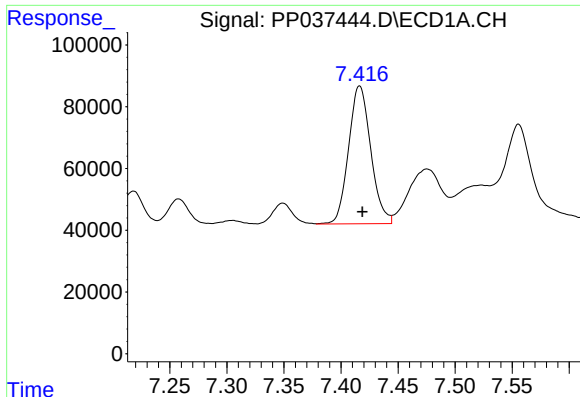
#26 AR-1254-1

R.T.: 7.188 min
Delta R.T.: -0.002 min
Response: 539644
Conc: 300.39 ng/ml



#26 AR-1254-1

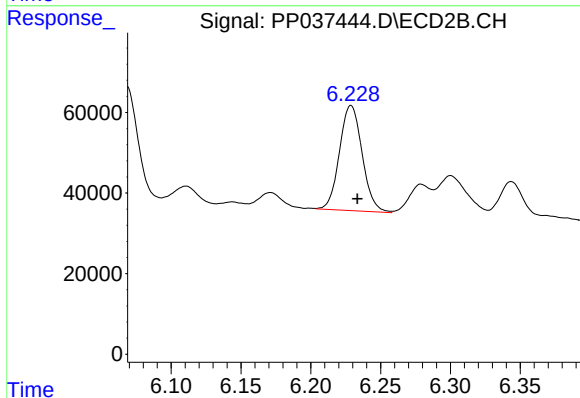
R.T.: 6.068 min
Delta R.T.: -0.005 min
Response: 309307
Conc: 208.35 ng/ml



#27 AR-1254-2

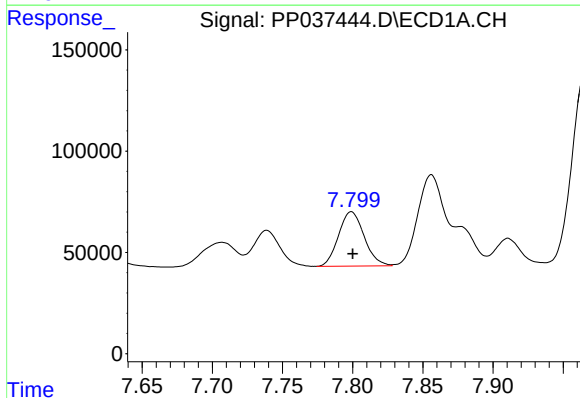
R.T.: 7.416 min
Delta R.T.: -0.002 min
Response: 604398
Conc: 217.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



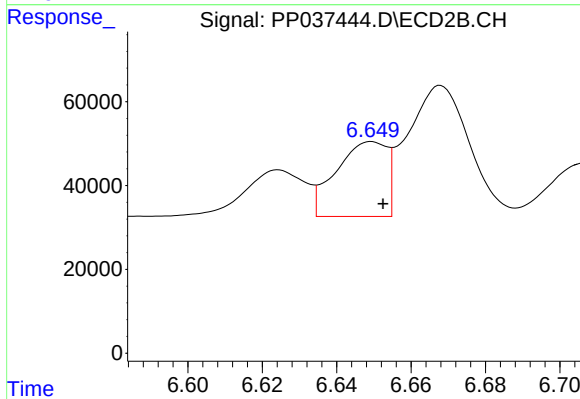
#27 AR-1254-2

R.T.: 6.229 min
Delta R.T.: -0.005 min
Response: 294576
Conc: 226.77 ng/ml



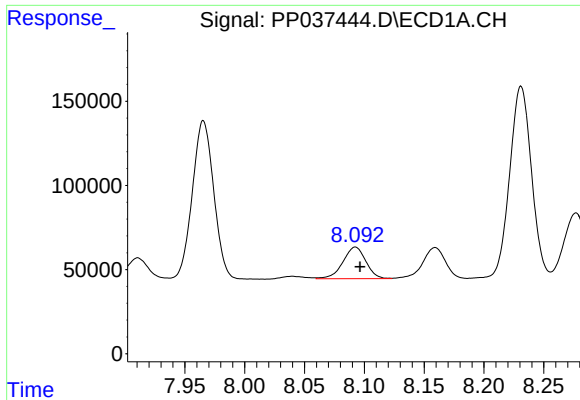
#28 AR-1254-3

R.T.: 7.799 min
Delta R.T.: 0.000 min
Response: 340481
Conc: 110.44 ng/ml



#28 AR-1254-3

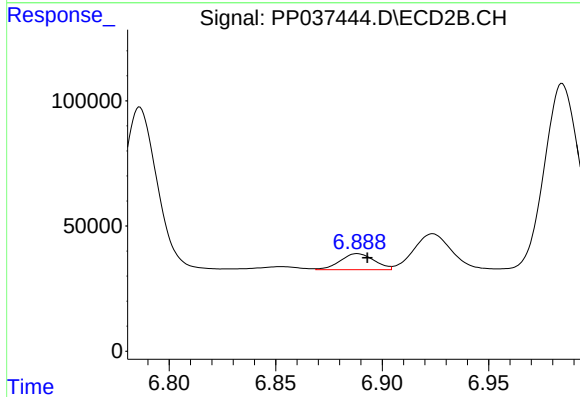
R.T.: 6.649 min
Delta R.T.: -0.003 min
Response: 169044
Conc: 79.21 ng/ml



#29 AR-1254-4

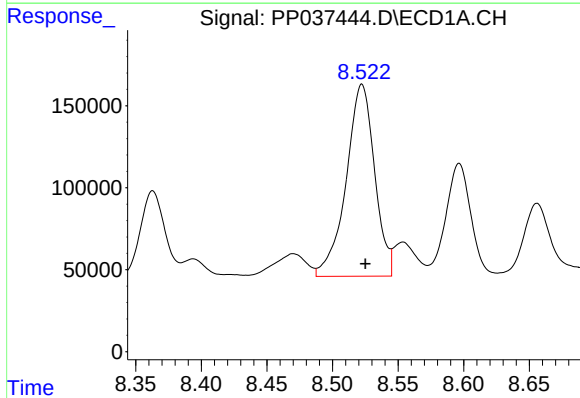
R.T.: 8.093 min
Delta R.T.: -0.004 min
Response: 250875
Conc: 110.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



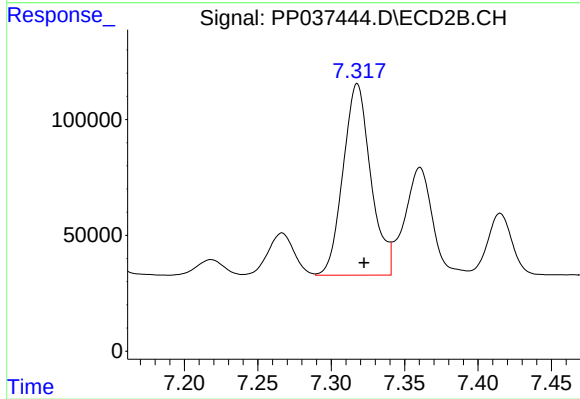
#29 AR-1254-4

R.T.: 6.888 min
Delta R.T.: -0.005 min
Response: 71555
Conc: 52.74 ng/ml



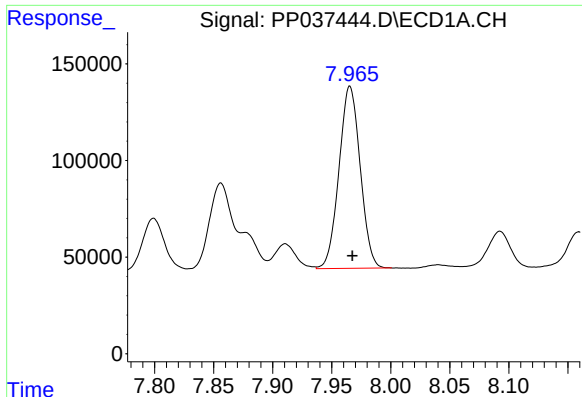
#30 AR-1254-5

R.T.: 8.522 min
Delta R.T.: -0.003 min
Response: 1767819
Conc: 706.45 ng/ml



#30 AR-1254-5

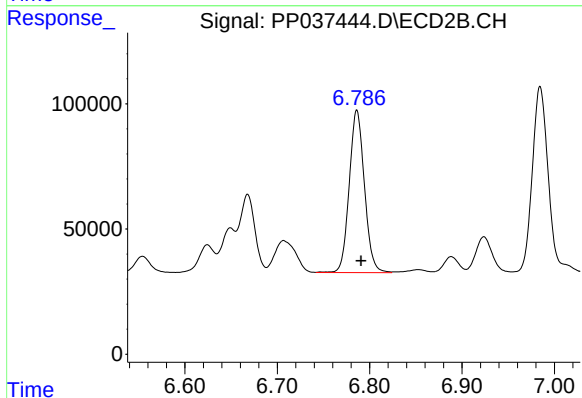
R.T.: 7.318 min
Delta R.T.: -0.005 min
Response: 1087962
Conc: 580.36 ng/ml



#31 AR-1260-1

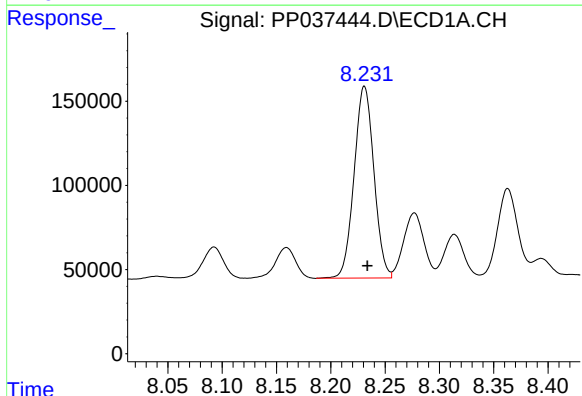
R.T.: 7.965 min
Delta R.T.: -0.002 min
Response: 1177282
Conc: 534.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



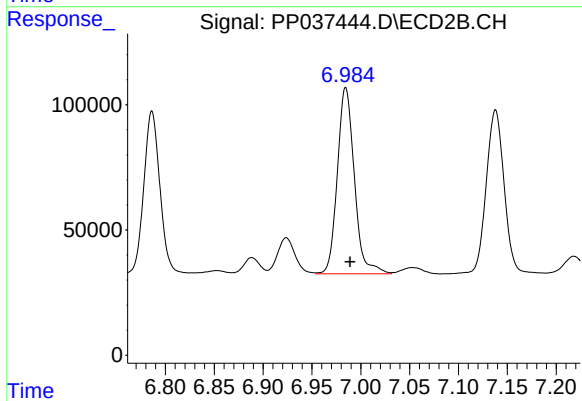
#31 AR-1260-1

R.T.: 6.786 min
Delta R.T.: -0.004 min
Response: 742496
Conc: 537.33 ng/ml



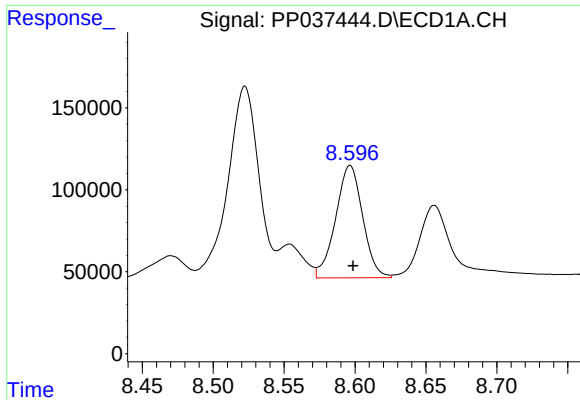
#32 AR-1260-2

R.T.: 8.231 min
Delta R.T.: -0.003 min
Response: 1445722
Conc: 519.71 ng/ml



#32 AR-1260-2

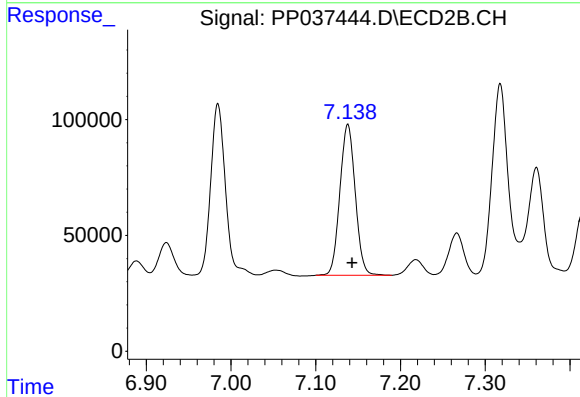
R.T.: 6.985 min
Delta R.T.: -0.005 min
Response: 903649
Conc: 537.91 ng/ml



#33 AR-1260-3

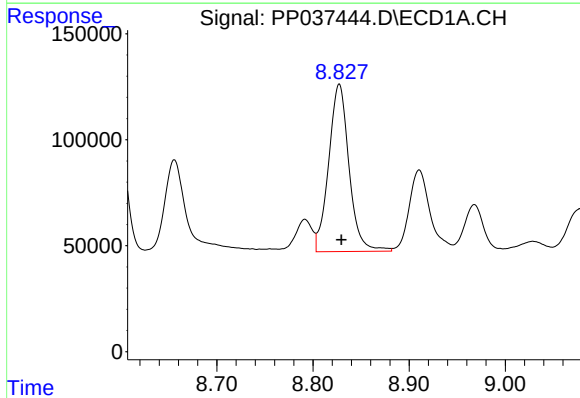
R.T.: 8.597 min
Delta R.T.: -0.002 min
Response: 909021
Conc: 449.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



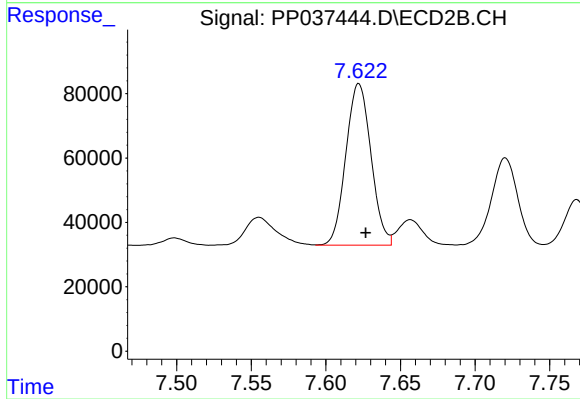
#33 AR-1260-3

R.T.: 7.138 min
Delta R.T.: -0.005 min
Response: 819590
Conc: 478.34 ng/ml



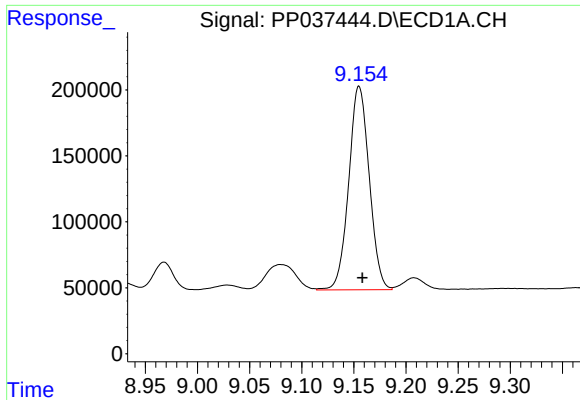
#34 AR-1260-4

R.T.: 8.827 min
Delta R.T.: -0.002 min
Response: 1166806
Conc: 474.35 ng/ml



#34 AR-1260-4

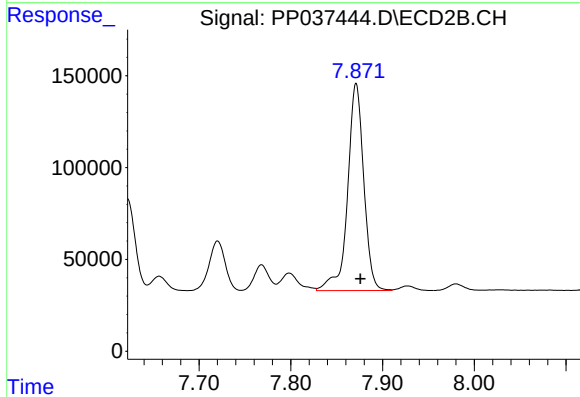
R.T.: 7.622 min
Delta R.T.: -0.005 min
Response: 588665
Conc: 432.99 ng/ml



#35 AR-1260-5

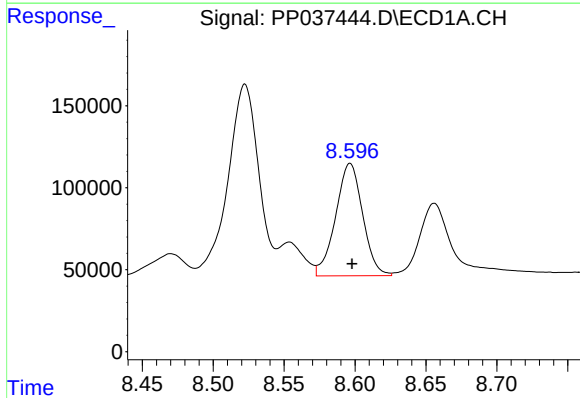
R.T.: 9.155 min
Delta R.T.: -0.003 min
Response: 2114211
Conc: 458.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



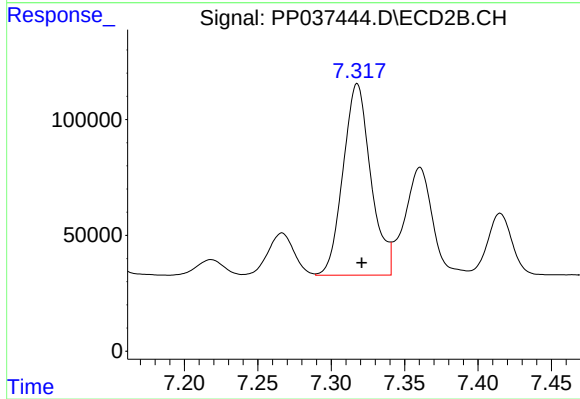
#35 AR-1260-5

R.T.: 7.871 min
Delta R.T.: -0.005 min
Response: 1379777
Conc: 427.78 ng/ml



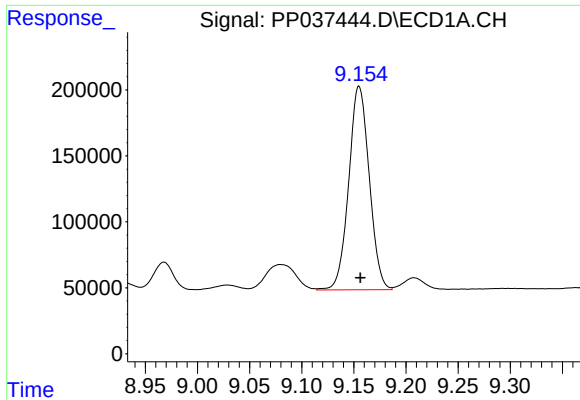
#36 AR-1262-1

R.T.: 8.597 min
Delta R.T.: -0.001 min
Response: 909021
Conc: 312.11 ng/ml



#36 AR-1262-1

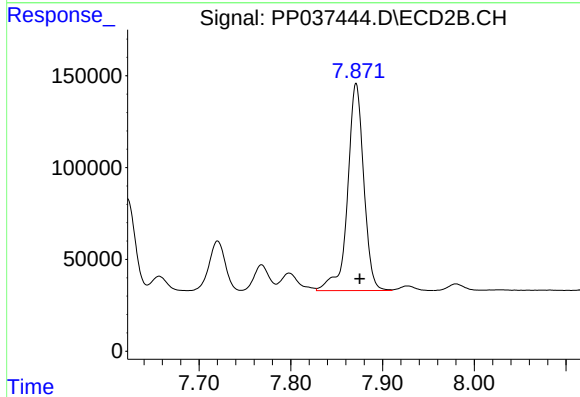
R.T.: 7.318 min
Delta R.T.: -0.003 min
Response: 1087962
Conc: 1047.74 ng/ml



#37 AR-1262-2

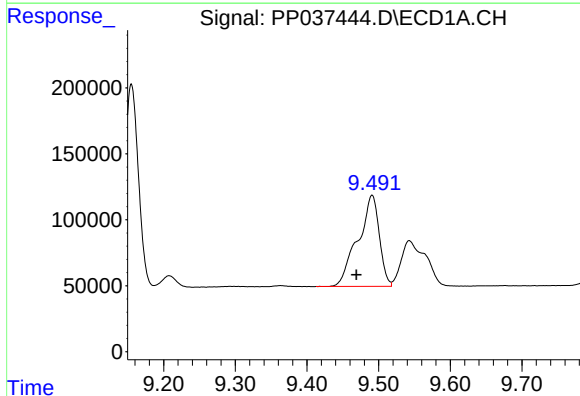
R.T.: 9.155 min
Delta R.T.: -0.001 min
Response: 2114211
Conc: 402.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



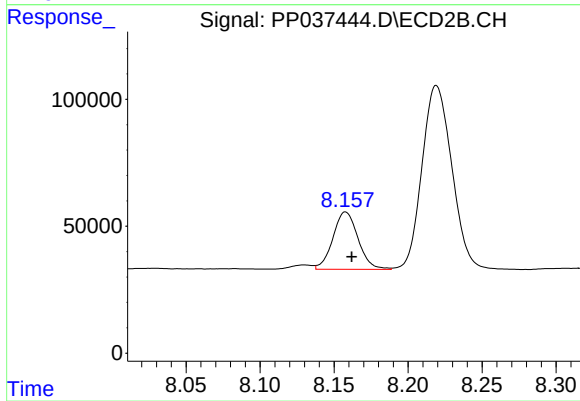
#37 AR-1262-2

R.T.: 7.871 min
Delta R.T.: -0.004 min
Response: 1379777
Conc: 396.64 ng/ml



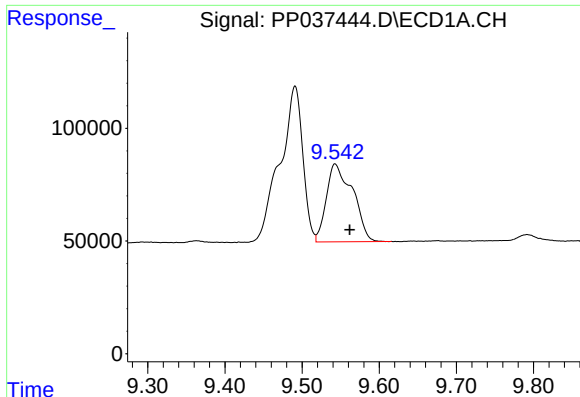
#38 AR-1262-3

R.T.: 9.491 min
Delta R.T.: 0.022 min
Response: 1428668
Conc: 372.86 ng/ml



#38 AR-1262-3

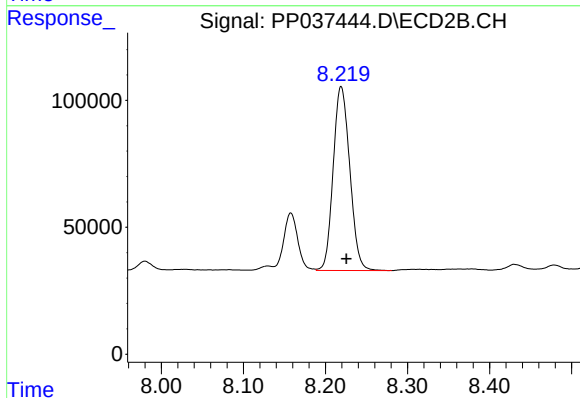
R.T.: 8.158 min
Delta R.T.: -0.004 min
Response: 266717
Conc: 189.44 ng/ml



#39 AR-1262-4

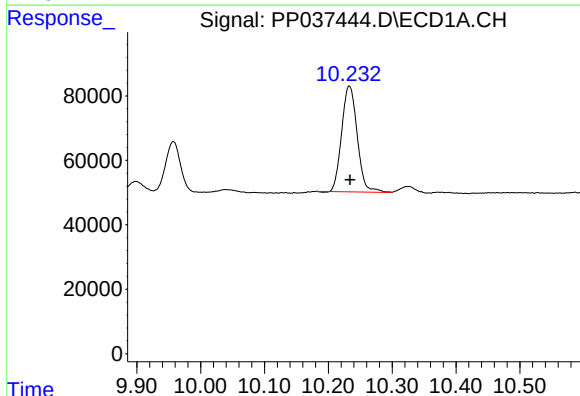
R.T.: 9.543 min
Delta R.T.: -0.019 min
Response: 817852
Conc: 278.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



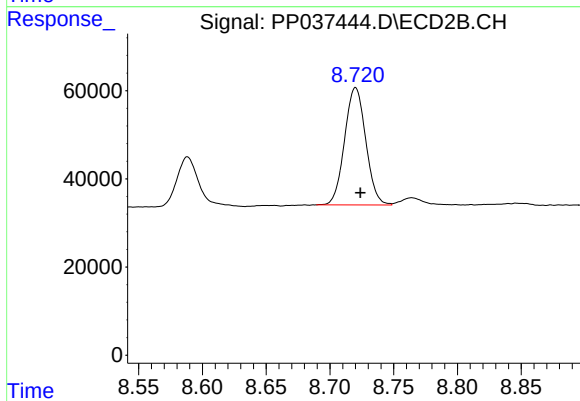
#39 AR-1262-4

R.T.: 8.219 min
Delta R.T.: -0.006 min
Response: 1018145
Conc: 382.33 ng/ml



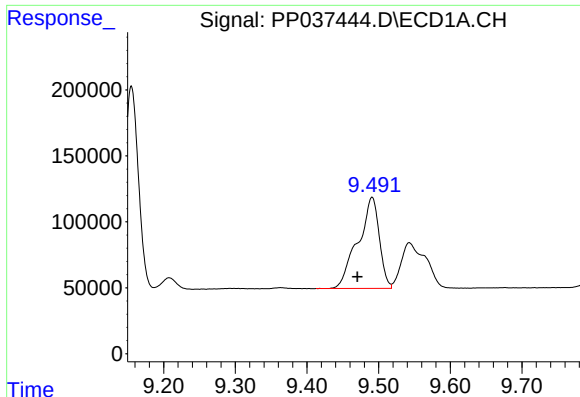
#40 AR-1262-5

R.T.: 10.233 min
Delta R.T.: -0.001 min
Response: 555293
Conc: 261.15 ng/ml



#40 AR-1262-5

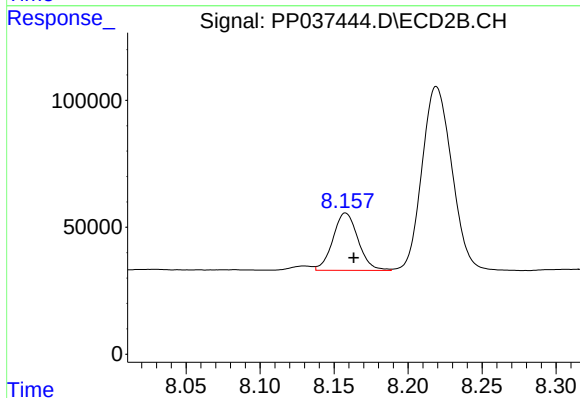
R.T.: 8.720 min
Delta R.T.: -0.004 min
Response: 307559
Conc: 243.32 ng/ml



#41 AR-1268-1

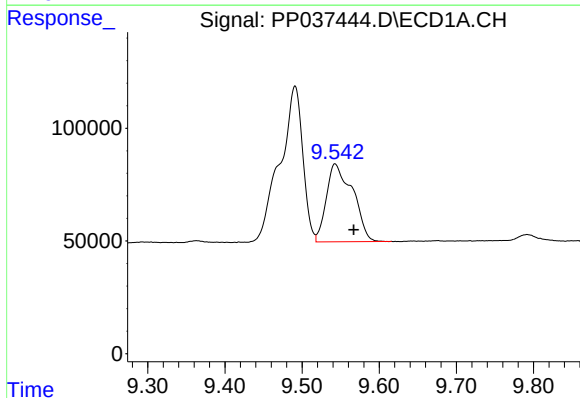
R.T.: 9.491 min
Delta R.T.: 0.021 min
Response: 1428668
Conc: 235.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



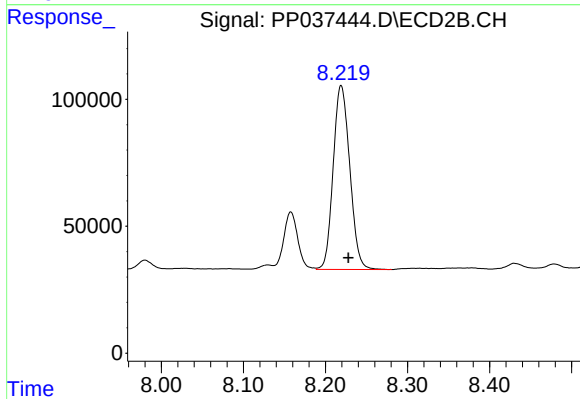
#41 AR-1268-1

R.T.: 8.158 min
Delta R.T.: -0.006 min
Response: 266717
Conc: 66.93 ng/ml



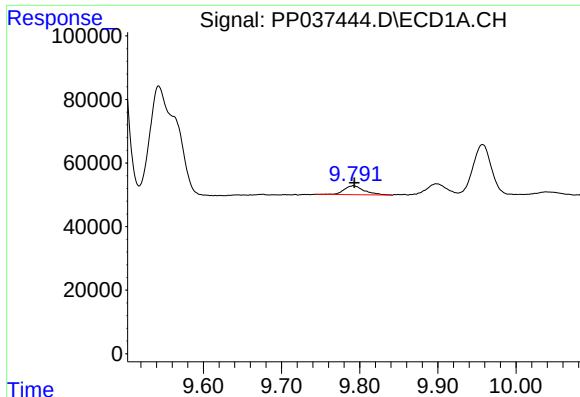
#42 AR-1268-2

R.T.: 9.543 min
Delta R.T.: -0.024 min
Response: 817852
Conc: 142.30 ng/ml



#42 AR-1268-2

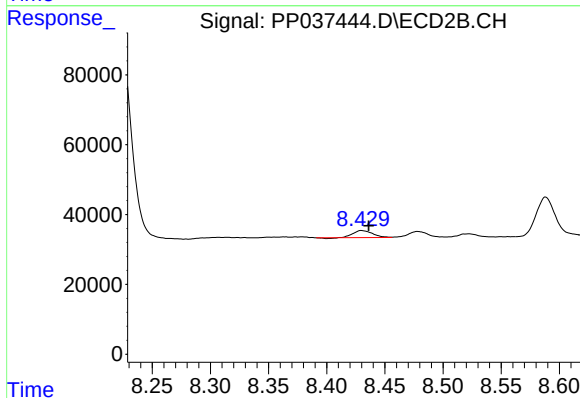
R.T.: 8.219 min
Delta R.T.: -0.009 min
Response: 1018145
Conc: 275.09 ng/ml



#43 AR-1268-3

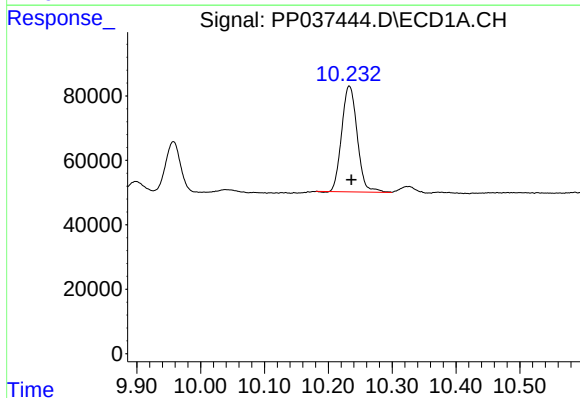
R.T.: 9.792 min
Delta R.T.: -0.002 min
Response: 50101
Conc: 10.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



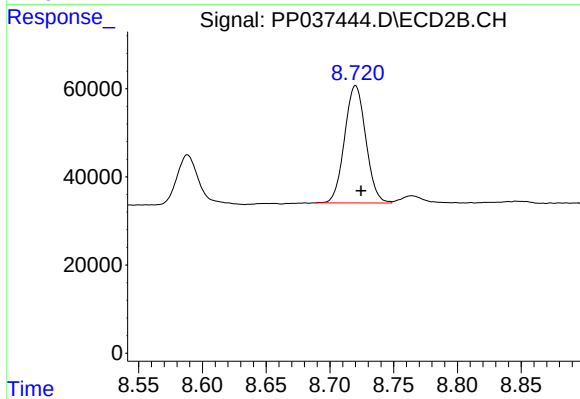
#43 AR-1268-3

R.T.: 8.430 min
Delta R.T.: -0.006 min
Response: 22296
Conc: 7.10 ng/ml



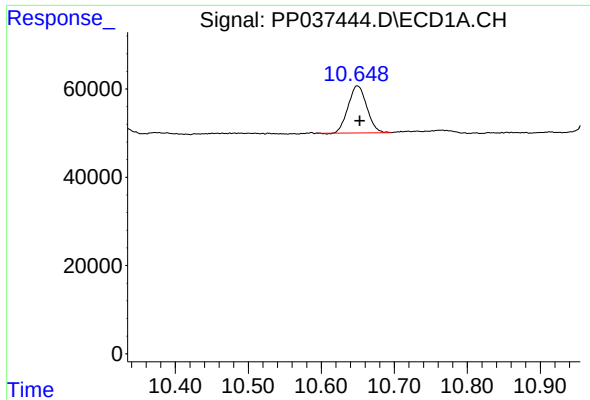
#44 AR-1268-4

R.T.: 10.233 min
Delta R.T.: -0.003 min
Response: 555293
Conc: 242.73 ng/ml



#44 AR-1268-4

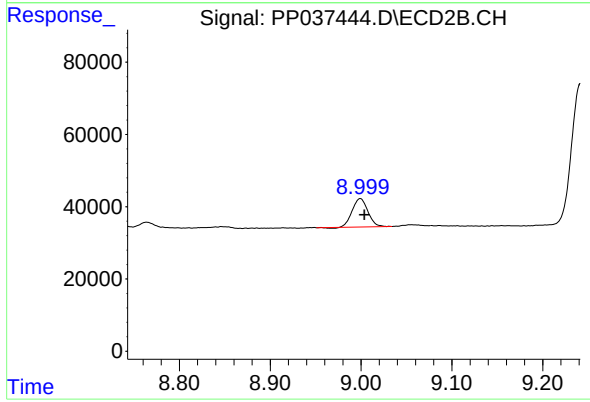
R.T.: 8.720 min
Delta R.T.: -0.004 min
Response: 307559
Conc: 224.42 ng/ml



#45 AR-1268-5

R.T.: 10.649 min
Delta R.T.: -0.003 min
Response: 188286
Conc: 11.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.999 min
Delta R.T.: -0.005 min
Response: 92999
Conc: 9.04 ng/ml