

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0032420\
 Data File : P0067438.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 24 Mar 2020 18:11
 Operator : DD\AJ
 Sample : L2013-07
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 24 18:28:02 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0031920.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Mar 19 16:36:53 2020
 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...	4.941	3.950	598046	920472	28.138	26.330
2)	SA Decachlor...	10.925	9.243	1273231	1162813	44.312	29.811 #
Target Compounds							
3)	L1 AR-1016-1	6.259	5.207	182990	355721	202.226	232.544
4)	L1 AR-1016-2	6.284	5.227	419606	608782	336.781	301.761
5)	L1 AR-1016-3	6.350	5.419	196664	507755	251.068	454.963 #
6)	L1 AR-1016-4	6.455	5.471	270190	2835315	424.791	3048.503 #
7)	L1 AR-1016-5	6.771	5.698	1167296	1904626	1806.592	1606.179
8)	L2 AR-1221-1	0.000	4.199	0	36359	N.D.	86.186 #
9)	L2 AR-1221-2	0.000	4.304	0	65888	N.D.	206.284 #
10)	L2 AR-1221-3	0.000	4.396	0	76372	N.D.	77.472 #
11)	L3 AR-1232-1	0.000	4.396	0	76372	N.D.	105.529 #
12)	L3 AR-1232-2	5.965	5.227	219047	608782	939.430	829.783
13)	L3 AR-1232-3	6.284	5.419	419606	507755	997.036	1299.385 #
14)	L3 AR-1232-4	6.455	5.514	270190	1354341	1247.251	3791.687 #
15)	L3 AR-1232-5	6.554	5.698	1916196	1904626	11893.238	4846.159 #
16)	L4 AR-1242-1	6.259	5.207	182990	355721	267.885	304.754
17)	L4 AR-1242-2	6.284	5.227	419606	608782	451.688	397.556
18)	L4 AR-1242-3	6.350	5.419	196664	507755	331.920	601.820 #
19)	L4 AR-1242-4	6.455	5.514	270190	1354341	565.493	1601.756 #
20)	L4 AR-1242-5	7.240	6.079	1981643	7950245	3639.255	7434.416 #
21)	L5 AR-1248-1	6.259	5.207	182990	355721	404.974	448.757
22)	L5 AR-1248-2	6.554	5.471	1916196	2835315	3178.381	2748.075
23)	L5 AR-1248-3	6.771	5.514	1167296	1354341	1653.091	1286.802
24)	L5 AR-1248-4	7.199	5.698	1776280	1904626	2138.739	1506.026 #
25)	L5 AR-1248-5	7.240	6.121	1981643	1372053	2501.531	1093.778 #
26)	L6 AR-1254-1	7.168	6.079	4149358	7950245	4932.275	4083.221
27)	L6 AR-1254-2	7.397	6.238	6366585	6357507	4747.756	3688.382
28)	L6 AR-1254-3	7.778	6.658	7687391	12918661	5304.613	4606.114
29)	L6 AR-1254-4	8.072	6.897	4534858	5935312	4011.462	3225.498
30)	L6 AR-1254-5	8.499	7.325	6497425	10814064	5269.042	4358.312
31)	L7 AR-1260-1	7.943	6.796	3231283	5981405	2663.491	2791.413
32)	L7 AR-1260-2	8.207	6.992	6872902	5378899	4589.836	2035.584 #
33)	L7 AR-1260-3	8.571	7.145	1448283	5079594	1256.269	2081.429 #
34)	L7 AR-1260-4	8.796	7.630	2892279	1513665	2153.580	713.118 #
35)	L7 AR-1260-5	9.125	7.877	2784028	3944385	979.744	791.195
36)	L8 AR-1262-1	8.571	7.325	1448283	10814064	994.580	7526.049 #
37)	L8 AR-1262-2	9.125	7.877	2784028	3944385	1007.409	854.487
38)	L8 AR-1262-3	9.454	8.164	1920099	1575663	987.801	789.198
39)	L8 AR-1262-4	9.507	8.226	955797	3536076	652.818	1007.711 #
40)	L8 AR-1262-5	10.185	8.723	694121	1000707	635.782	589.058
41)	L9 AR-1268-1	9.454	8.164	1920099	1575663	586.776	296.926 #

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 Operator : DD\AJ
 Sample : L2013-07
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

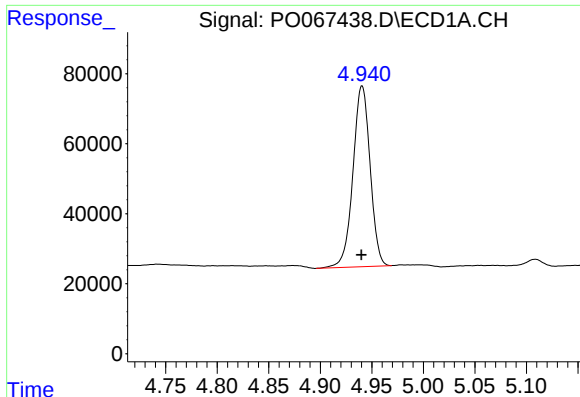
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 24 18:28:02 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0031920.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	9.507	8.226	955797	3536076	313.017	743.429 #
43) L9	AR-1268-3	9.751	8.437	241267	184187	94.969	47.023 #
44) L9	AR-1268-4	10.185	8.723	694121	1000707	571.894	535.099
45) L9	AR-1268-5	10.593	9.001	599826	690705	67.177	57.200

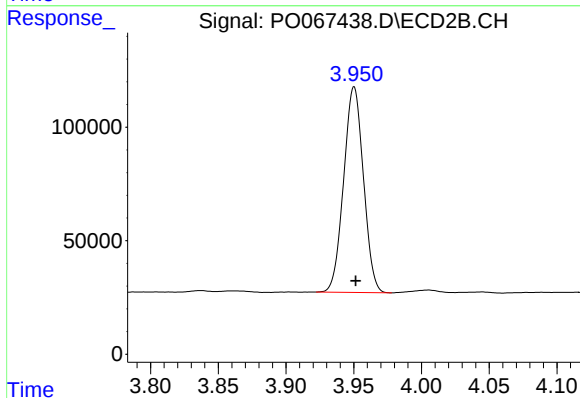
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

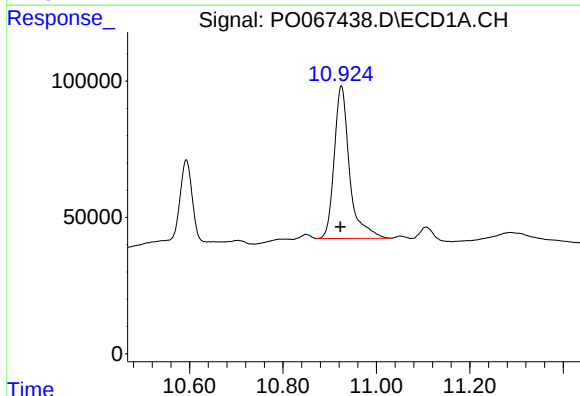
R.T.: 4.941 min
Delta R.T.: 0.000 min
Response: 598046
Conc: 28.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



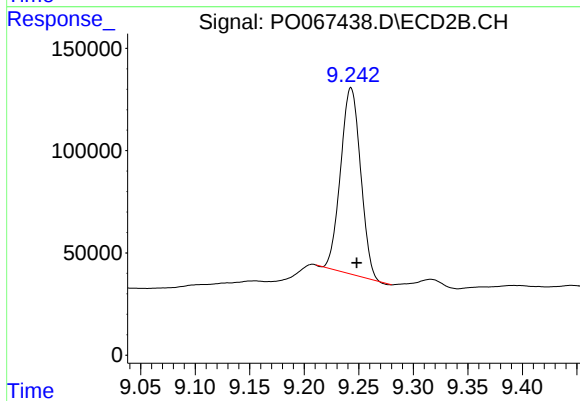
#1 Tetrachloro-m-xylene

R.T.: 3.950 min
Delta R.T.: -0.001 min
Response: 920472
Conc: 26.33 ng/ml



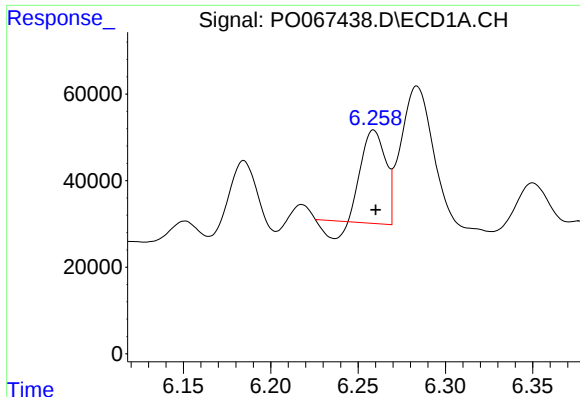
#2 Decachlorobiphenyl

R.T.: 10.925 min
Delta R.T.: 0.002 min
Response: 1273231
Conc: 44.31 ng/ml



#2 Decachlorobiphenyl

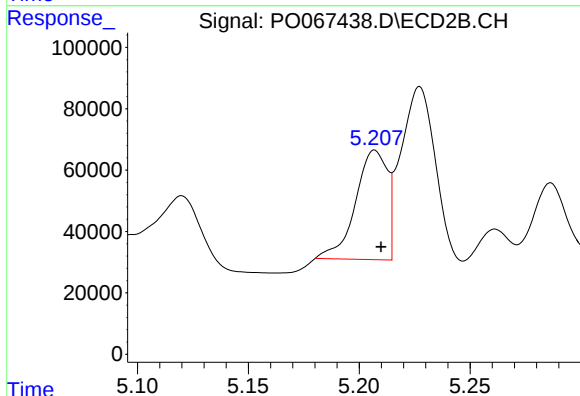
R.T.: 9.243 min
Delta R.T.: -0.005 min
Response: 1162813
Conc: 29.81 ng/ml



#3 AR-1016-1

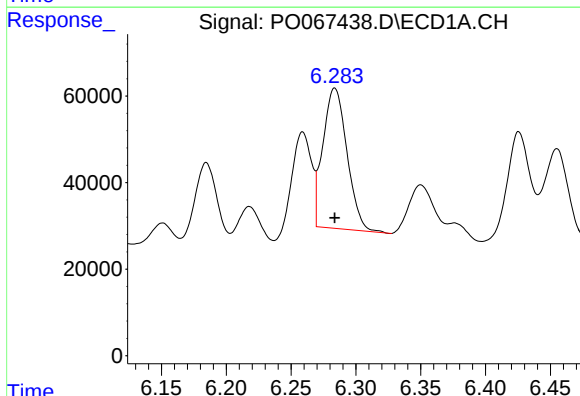
R.T.: 6.259 min
Delta R.T.: -0.001 min
Response: 182990
Conc: 202.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



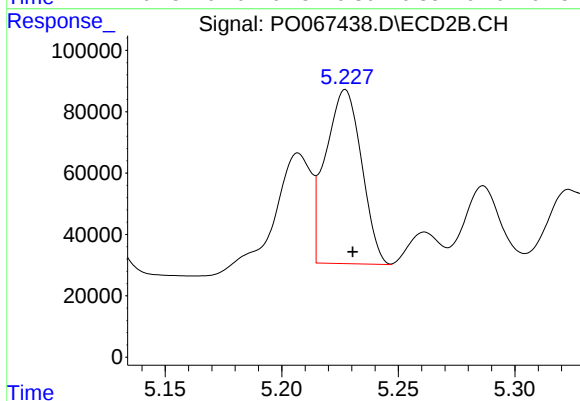
#3 AR-1016-1

R.T.: 5.207 min
Delta R.T.: -0.003 min
Response: 355721
Conc: 232.54 ng/ml



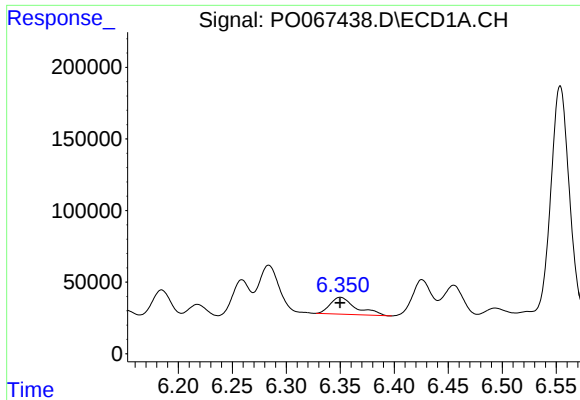
#4 AR-1016-2

R.T.: 6.284 min
Delta R.T.: 0.000 min
Response: 419606
Conc: 336.78 ng/ml



#4 AR-1016-2

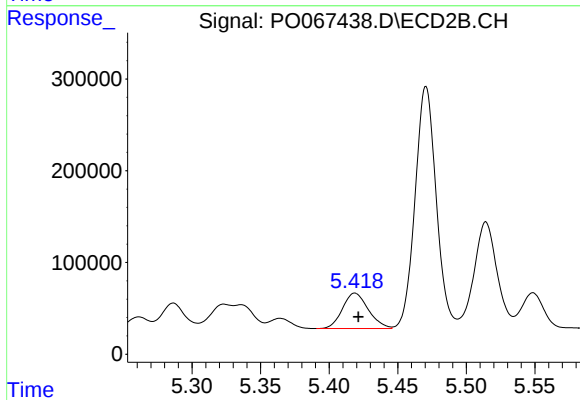
R.T.: 5.227 min
Delta R.T.: -0.003 min
Response: 608782
Conc: 301.76 ng/ml



#5 AR-1016-3

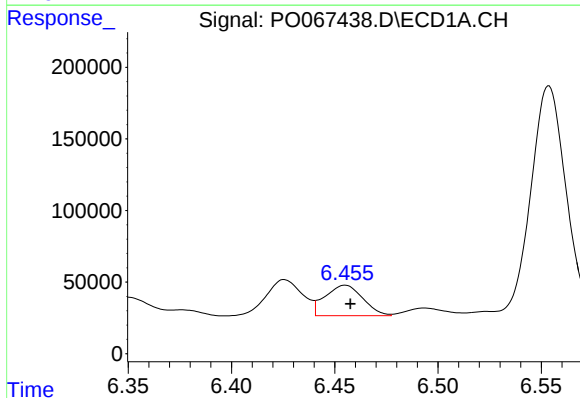
R.T.: 6.350 min
Delta R.T.: 0.000 min
Response: 196664
Conc: 251.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



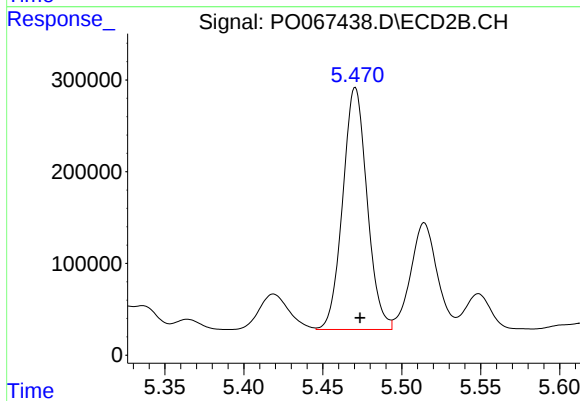
#5 AR-1016-3

R.T.: 5.419 min
Delta R.T.: -0.003 min
Response: 507755
Conc: 454.96 ng/ml



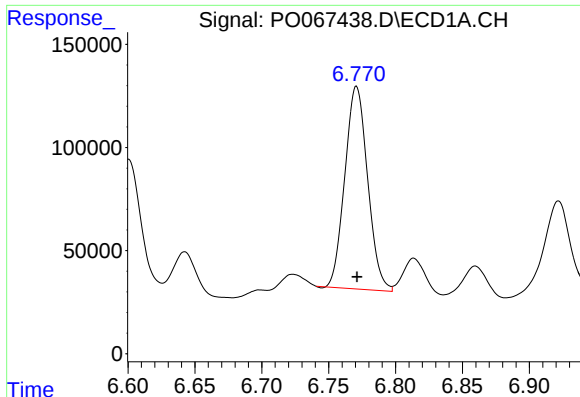
#6 AR-1016-4

R.T.: 6.455 min
Delta R.T.: -0.002 min
Response: 270190
Conc: 424.79 ng/ml



#6 AR-1016-4

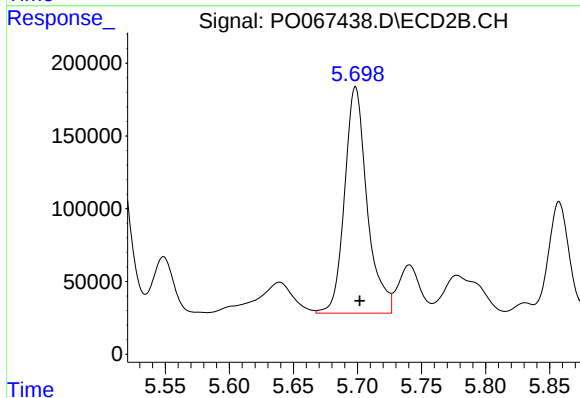
R.T.: 5.471 min
Delta R.T.: -0.003 min
Response: 2835315
Conc: 3048.50 ng/ml



#7 AR-1016-5

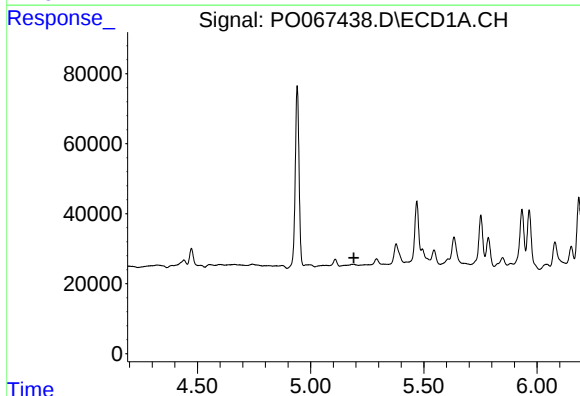
R.T.: 6.771 min
Delta R.T.: 0.000 min
Response: 1167296
Conc: 1806.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



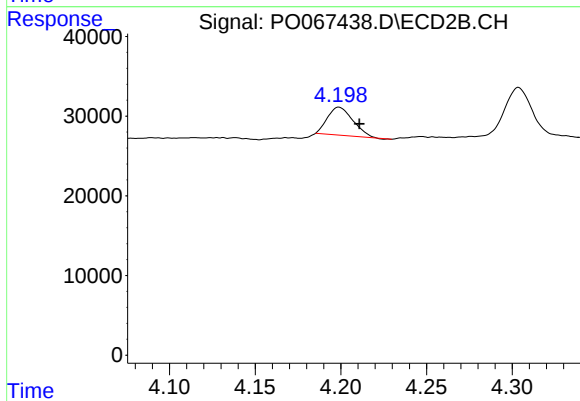
#7 AR-1016-5

R.T.: 5.698 min
Delta R.T.: -0.003 min
Response: 1904626
Conc: 1606.18 ng/ml



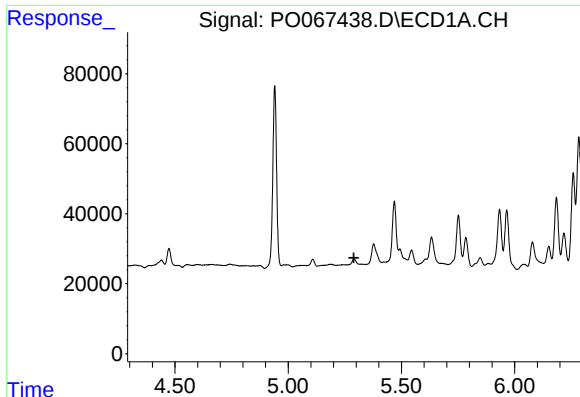
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 5.191 min
Response: 0
Conc: N.D.



#8 AR-1221-1

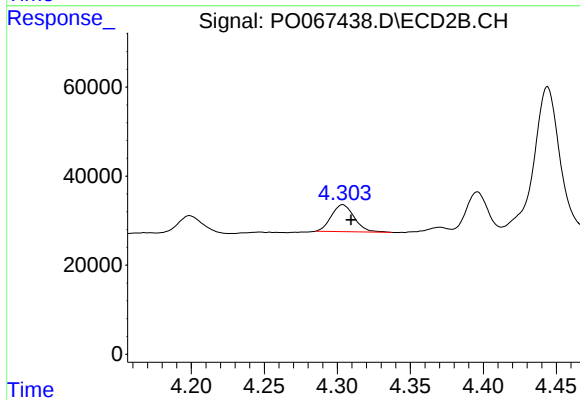
R.T.: 4.199 min
Delta R.T.: -0.012 min
Response: 36359
Conc: 86.19 ng/ml



#9 AR-1221-2

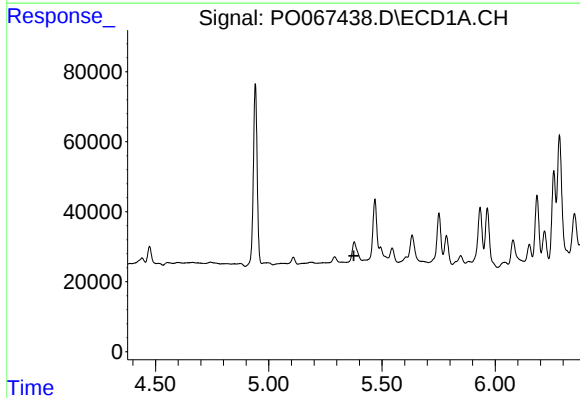
R.T.: 0.000 min
Exp R.T.: 5.290 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



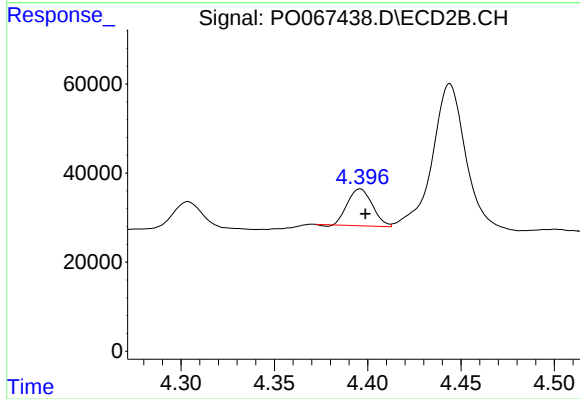
#9 AR-1221-2

R.T.: 4.304 min
Delta R.T.: -0.006 min
Response: 65888
Conc: 206.28 ng/ml



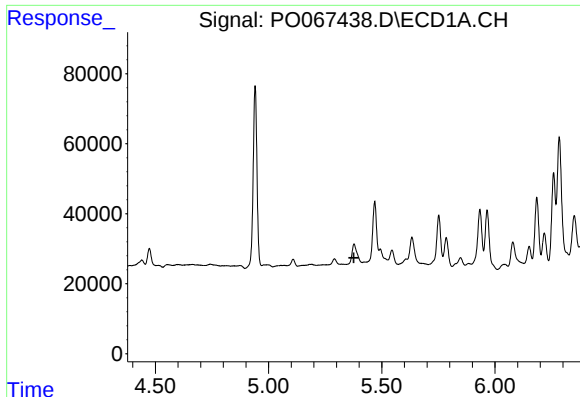
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T.: 5.376 min
Response: 0
Conc: N.D.



#10 AR-1221-3

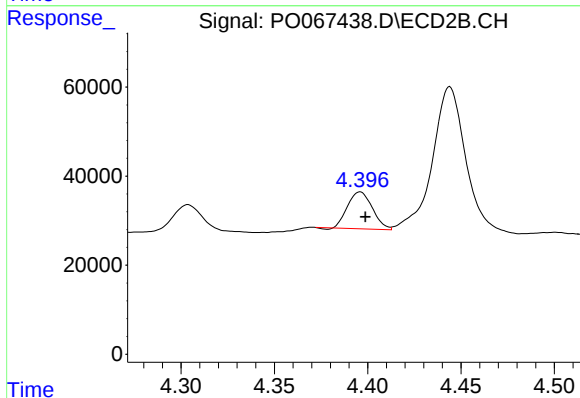
R.T.: 4.396 min
Delta R.T.: -0.003 min
Response: 76372
Conc: 77.47 ng/ml



#11 AR-1232-1

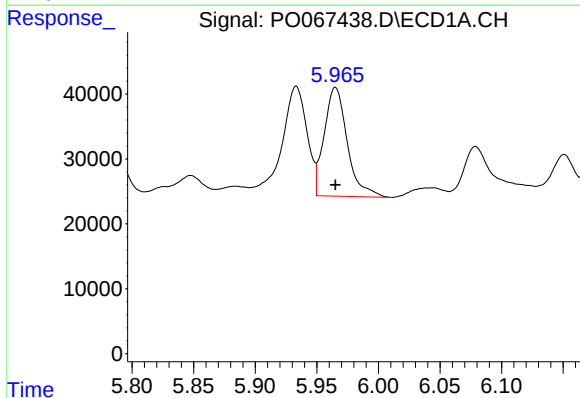
R.T.: 0.000 min
Exp R.T.: 5.377 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



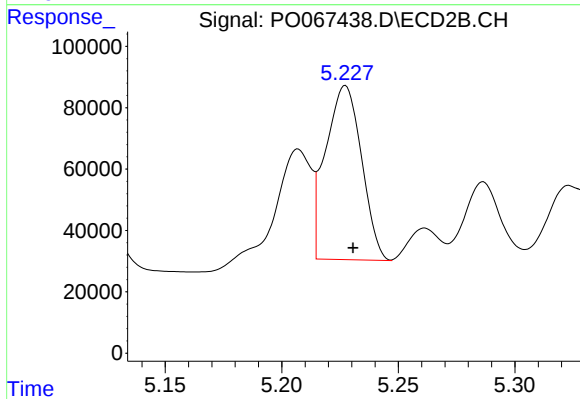
#11 AR-1232-1

R.T.: 4.396 min
Delta R.T.: -0.003 min
Response: 76372
Conc: 105.53 ng/ml



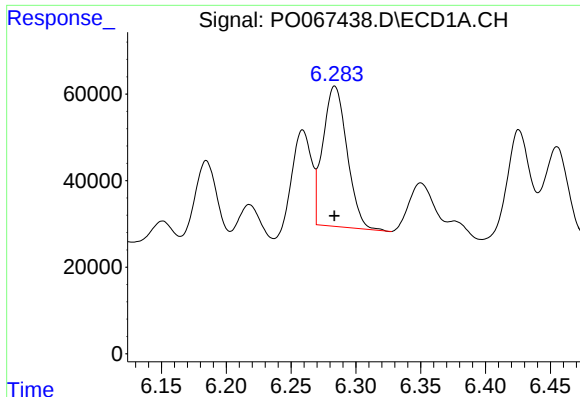
#12 AR-1232-2

R.T.: 5.965 min
Delta R.T.: 0.000 min
Response: 219047
Conc: 939.43 ng/ml



#12 AR-1232-2

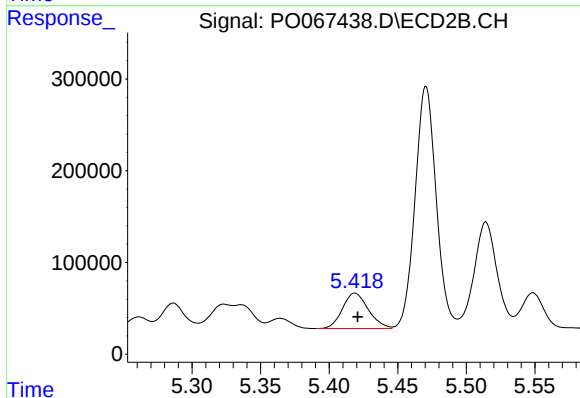
R.T.: 5.227 min
Delta R.T.: -0.003 min
Response: 608782
Conc: 829.78 ng/ml



#13 AR-1232-3

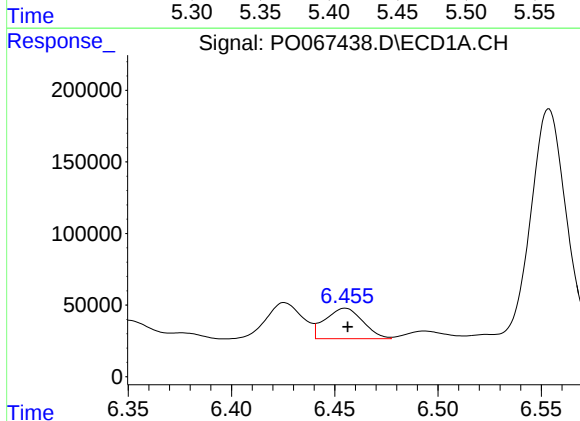
R.T.: 6.284 min
Delta R.T.: 0.000 min
Response: 419606
Conc: 997.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



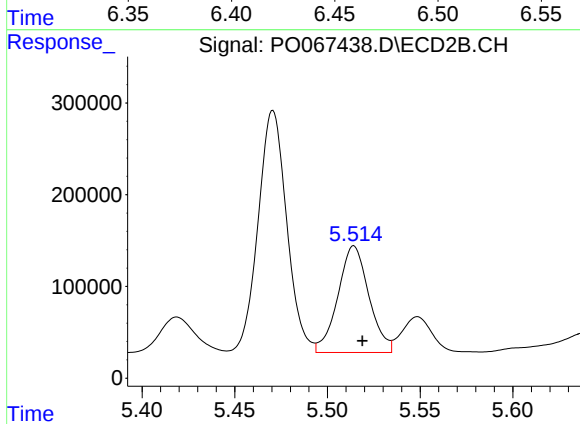
#13 AR-1232-3

R.T.: 5.419 min
Delta R.T.: -0.002 min
Response: 507755
Conc: 1299.38 ng/ml



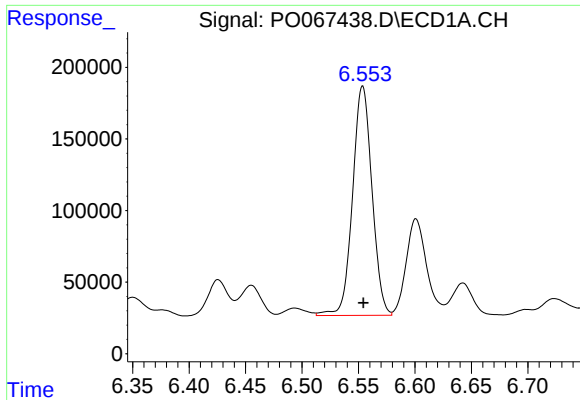
#14 AR-1232-4

R.T.: 6.455 min
Delta R.T.: -0.001 min
Response: 270190
Conc: 1247.25 ng/ml



#14 AR-1232-4

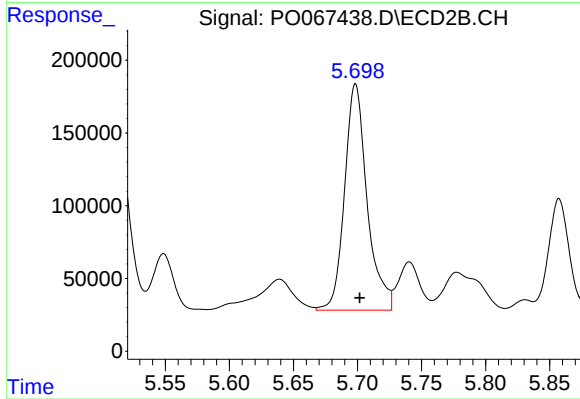
R.T.: 5.514 min
Delta R.T.: -0.005 min
Response: 1354341
Conc: 3791.69 ng/ml



#15 AR-1232-5

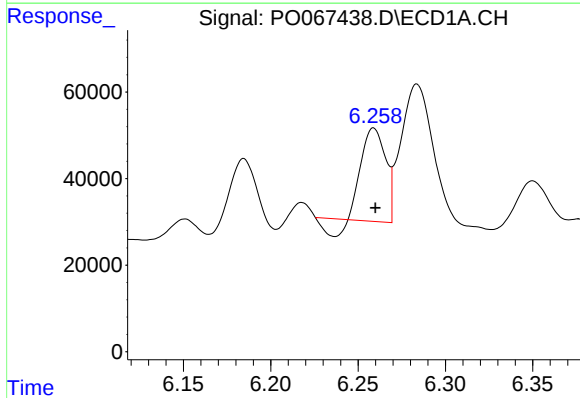
R.T.: 6.554 min
Delta R.T.: 0.000 min
Response: 1916196
Conc: 11893.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



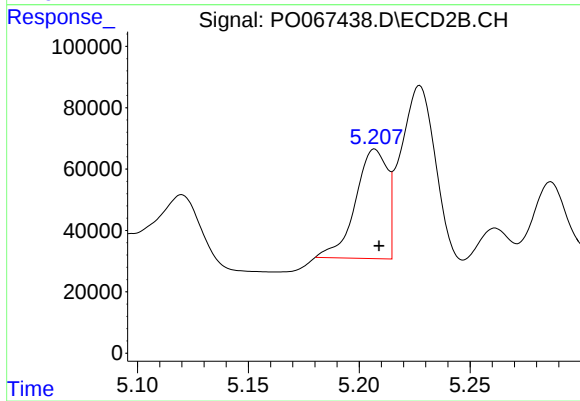
#15 AR-1232-5

R.T.: 5.698 min
Delta R.T.: -0.003 min
Response: 1904626
Conc: 4846.16 ng/ml



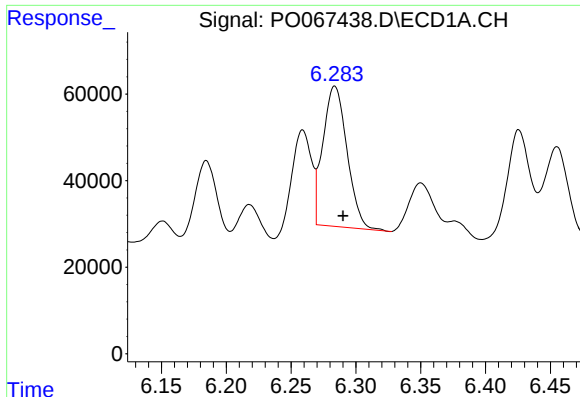
#16 AR-1242-1

R.T.: 6.259 min
Delta R.T.: -0.001 min
Response: 182990
Conc: 267.88 ng/ml



#16 AR-1242-1

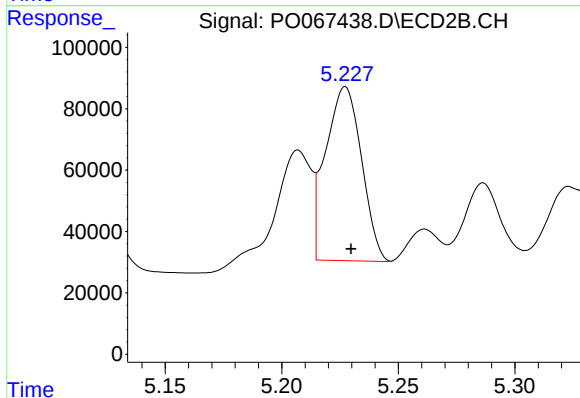
R.T.: 5.207 min
Delta R.T.: -0.002 min
Response: 355721
Conc: 304.75 ng/ml



#17 AR-1242-2

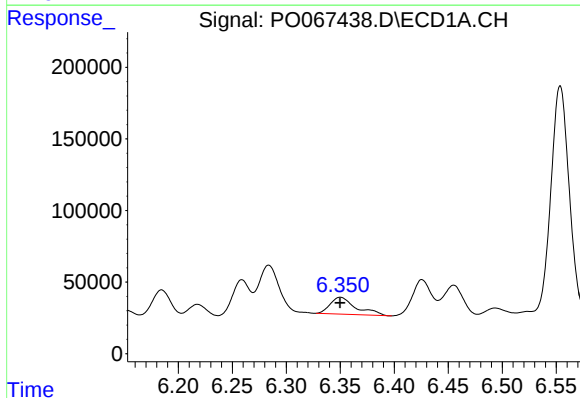
R.T.: 6.284 min
Delta R.T.: -0.006 min
Response: 419606
Conc: 451.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



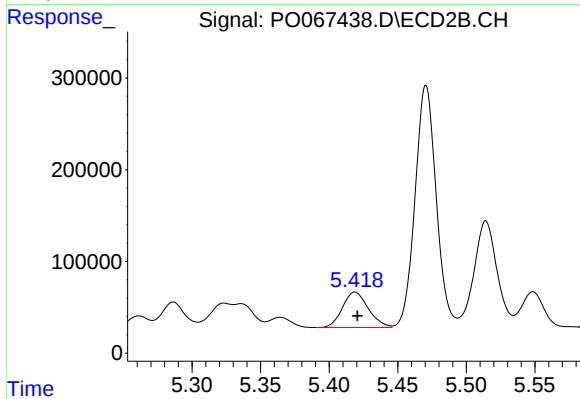
#17 AR-1242-2

R.T.: 5.227 min
Delta R.T.: -0.003 min
Response: 608782
Conc: 397.56 ng/ml



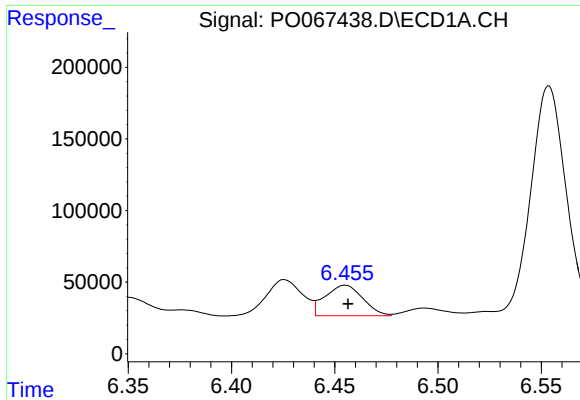
#18 AR-1242-3

R.T.: 6.350 min
Delta R.T.: 0.000 min
Response: 196664
Conc: 331.92 ng/ml



#18 AR-1242-3

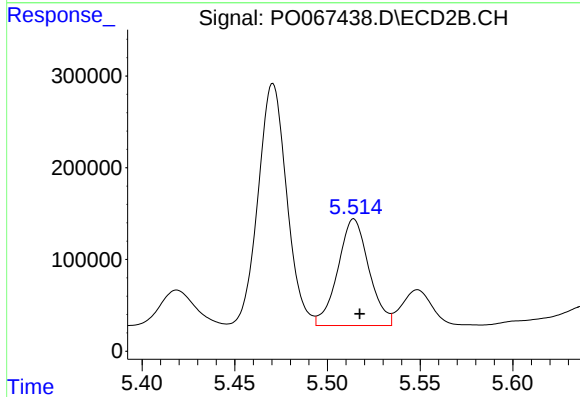
R.T.: 5.419 min
Delta R.T.: -0.002 min
Response: 507755
Conc: 601.82 ng/ml



#19 AR-1242-4

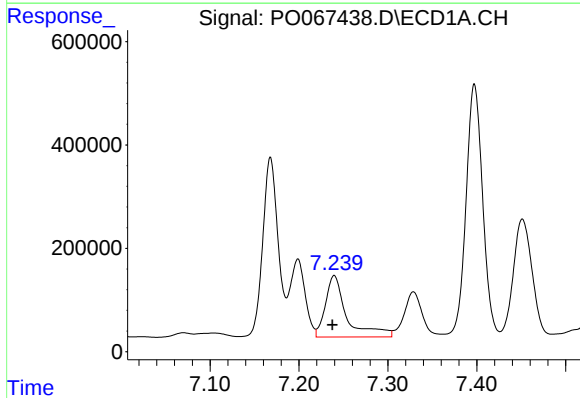
R.T.: 6.455 min
Delta R.T.: -0.001 min
Response: 270190
Conc: 565.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



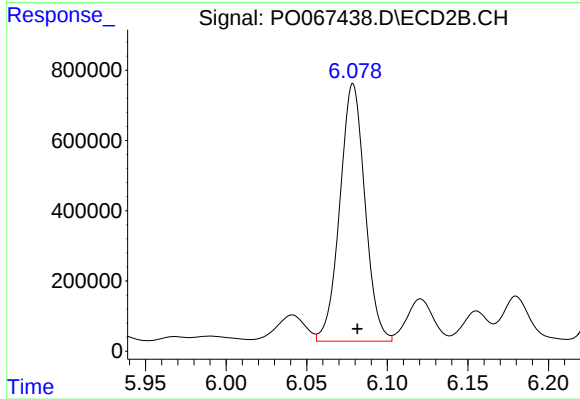
#19 AR-1242-4

R.T.: 5.514 min
Delta R.T.: -0.003 min
Response: 1354341
Conc: 1601.76 ng/ml



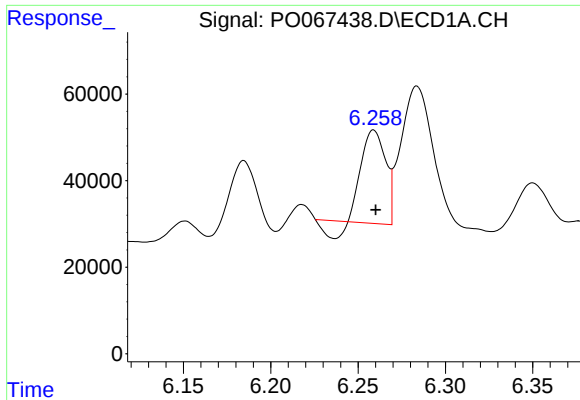
#20 AR-1242-5

R.T.: 7.240 min
Delta R.T.: 0.002 min
Response: 1981643
Conc: 3639.26 ng/ml



#20 AR-1242-5

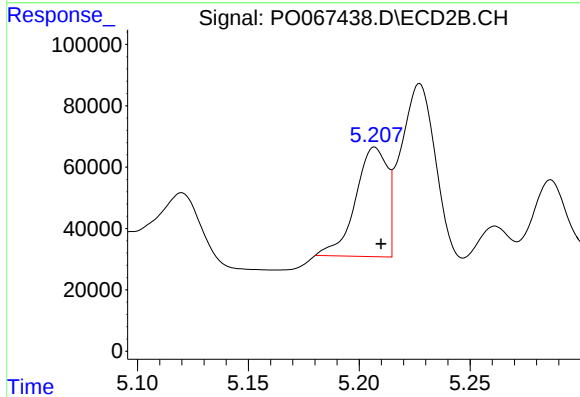
R.T.: 6.079 min
Delta R.T.: -0.003 min
Response: 7950245
Conc: 7434.42 ng/ml



#21 AR-1248-1

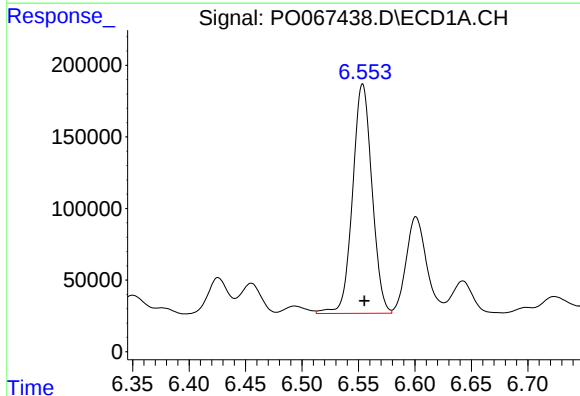
R.T.: 6.259 min
Delta R.T.: -0.001 min
Response: 182990
Conc: 404.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



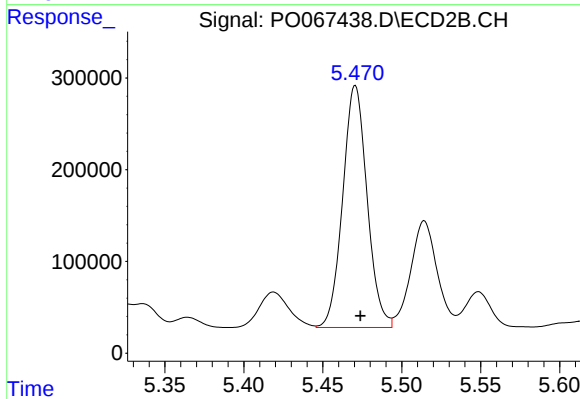
#21 AR-1248-1

R.T.: 5.207 min
Delta R.T.: -0.003 min
Response: 355721
Conc: 448.76 ng/ml



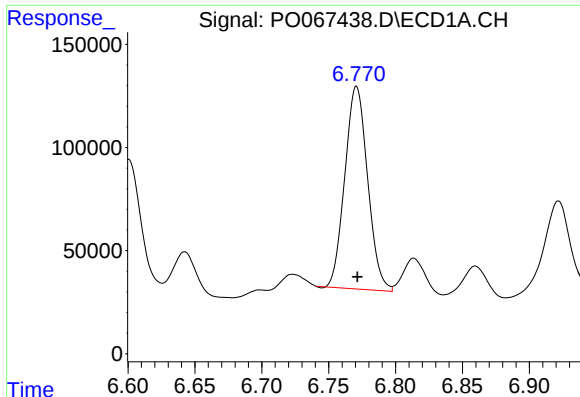
#22 AR-1248-2

R.T.: 6.554 min
Delta R.T.: -0.001 min
Response: 1916196
Conc: 3178.38 ng/ml



#22 AR-1248-2

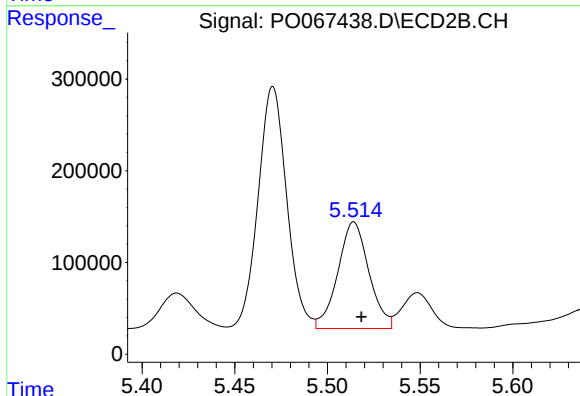
R.T.: 5.471 min
Delta R.T.: -0.003 min
Response: 2835315
Conc: 2748.08 ng/ml



#23 AR-1248-3

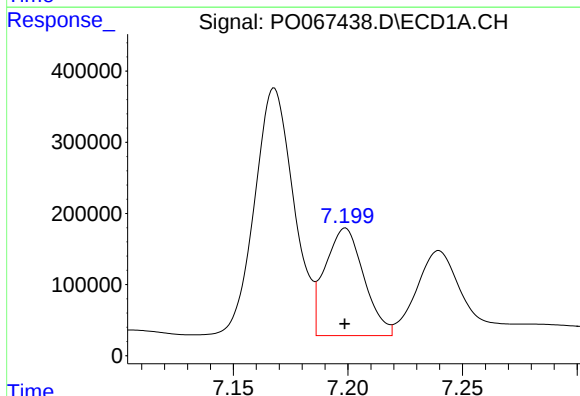
R.T.: 6.771 min
Delta R.T.: 0.000 min
Response: 1167296
Conc: 1653.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



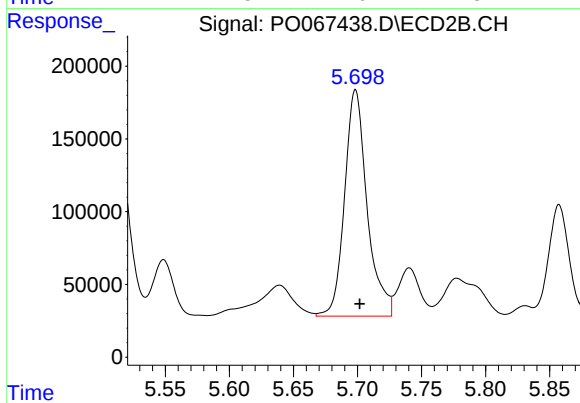
#23 AR-1248-3

R.T.: 5.514 min
Delta R.T.: -0.004 min
Response: 1354341
Conc: 1286.80 ng/ml



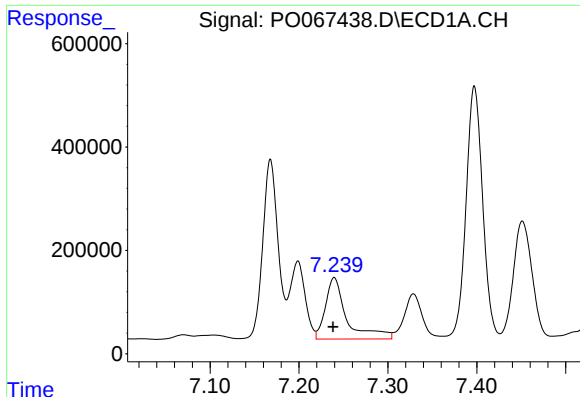
#24 AR-1248-4

R.T.: 7.199 min
Delta R.T.: 0.000 min
Response: 1776280
Conc: 2138.74 ng/ml



#24 AR-1248-4

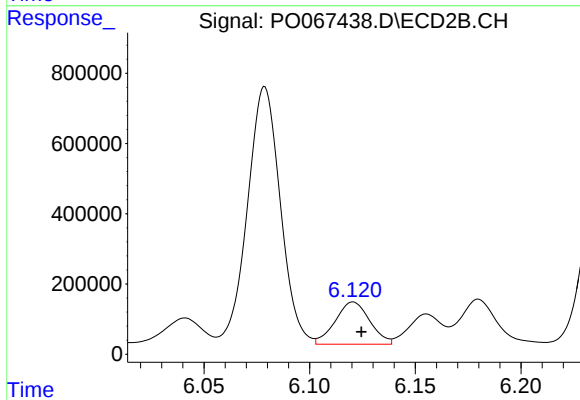
R.T.: 5.698 min
Delta R.T.: -0.003 min
Response: 1904626
Conc: 1506.03 ng/ml



#25 AR-1248-5

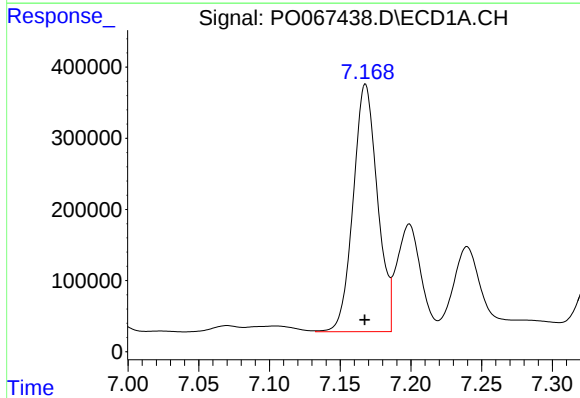
R.T.: 7.240 min
Delta R.T.: 0.001 min
Response: 1981643
Conc: 2501.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



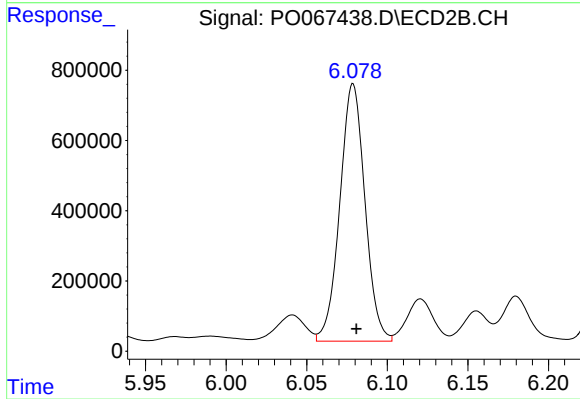
#25 AR-1248-5

R.T.: 6.121 min
Delta R.T.: -0.004 min
Response: 1372053
Conc: 1093.78 ng/ml



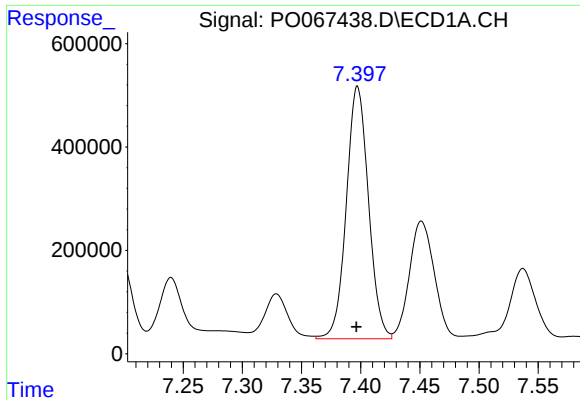
#26 AR-1254-1

R.T.: 7.168 min
Delta R.T.: 0.000 min
Response: 4149358
Conc: 4932.28 ng/ml



#26 AR-1254-1

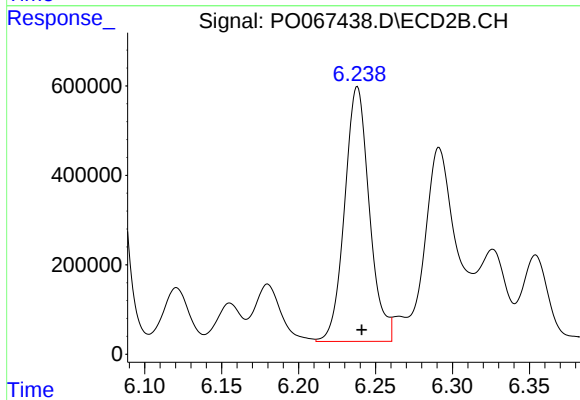
R.T.: 6.079 min
Delta R.T.: -0.002 min
Response: 7950245
Conc: 4083.22 ng/ml



#27 AR-1254-2

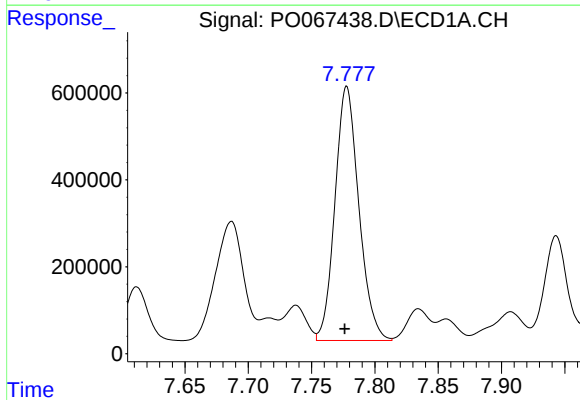
R.T.: 7.397 min
Delta R.T.: 0.000 min
Response: 6366585
Conc: 4747.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



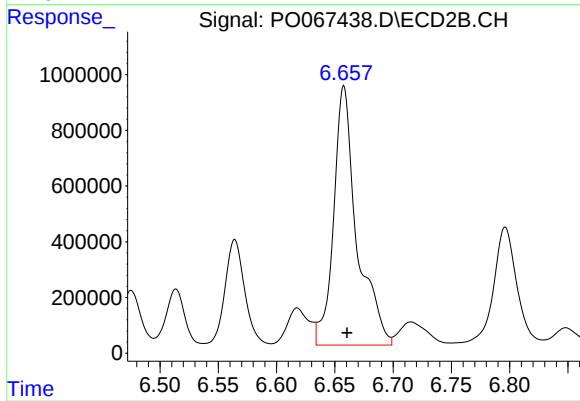
#27 AR-1254-2

R.T.: 6.238 min
Delta R.T.: -0.003 min
Response: 6357507
Conc: 3688.38 ng/ml



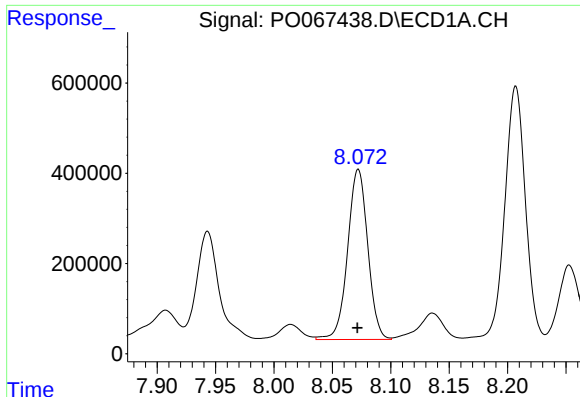
#28 AR-1254-3

R.T.: 7.778 min
Delta R.T.: 0.002 min
Response: 7687391
Conc: 5304.61 ng/ml



#28 AR-1254-3

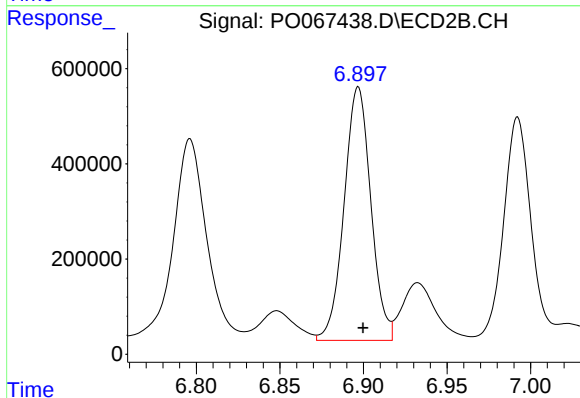
R.T.: 6.658 min
Delta R.T.: -0.003 min
Response: 12918661
Conc: 4606.11 ng/ml



#29 AR-1254-4

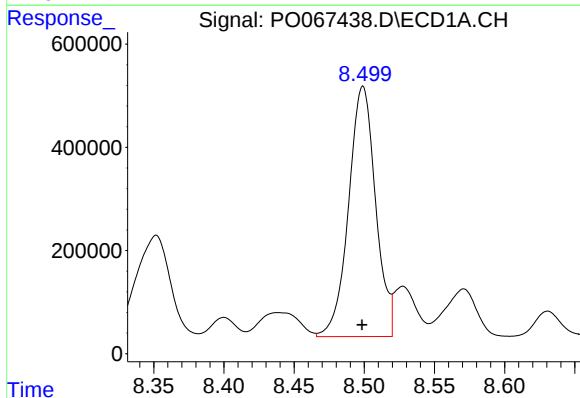
R.T.: 8.072 min
Delta R.T.: 0.000 min
Response: 4534858
Conc: 4011.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



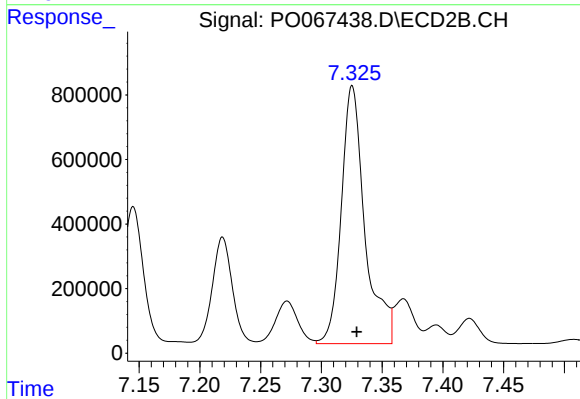
#29 AR-1254-4

R.T.: 6.897 min
Delta R.T.: -0.003 min
Response: 5935312
Conc: 3225.50 ng/ml



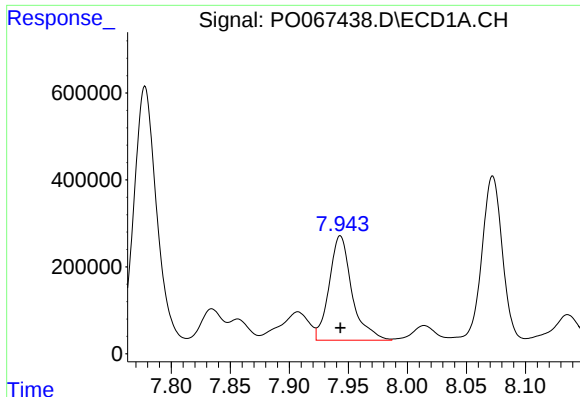
#30 AR-1254-5

R.T.: 8.499 min
Delta R.T.: 0.000 min
Response: 6497425
Conc: 5269.04 ng/ml



#30 AR-1254-5

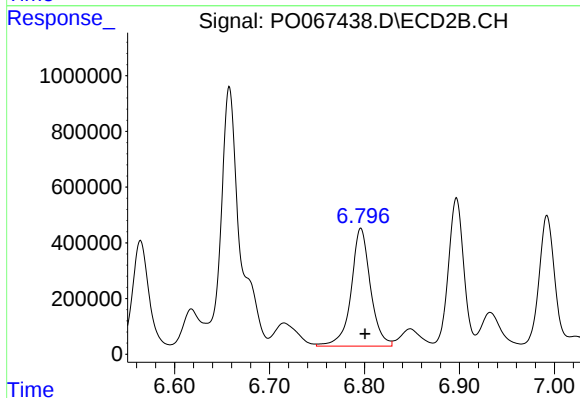
R.T.: 7.325 min
Delta R.T.: -0.004 min
Response: 10814064
Conc: 4358.31 ng/ml



#31 AR-1260-1

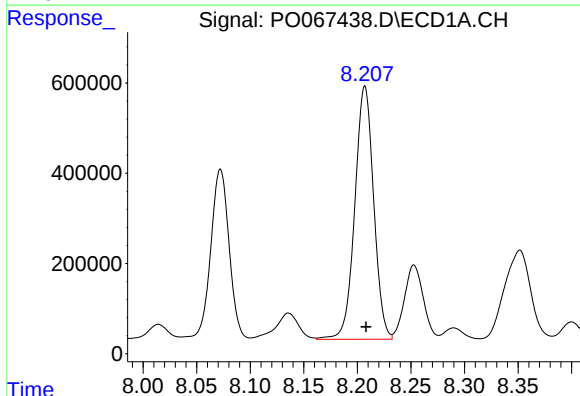
R.T.: 7.943 min
Delta R.T.: 0.000 min
Response: 3231283
Conc: 2663.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



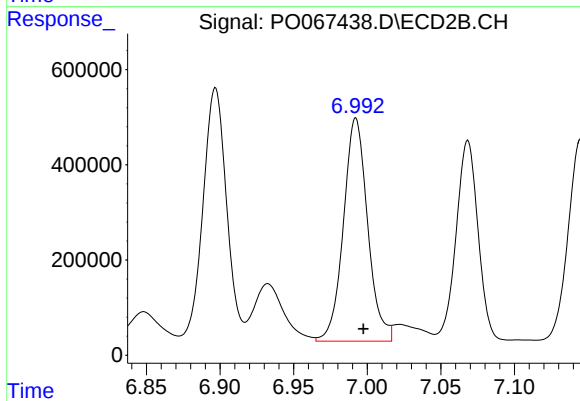
#31 AR-1260-1

R.T.: 6.796 min
Delta R.T.: -0.004 min
Response: 5981405
Conc: 2791.41 ng/ml



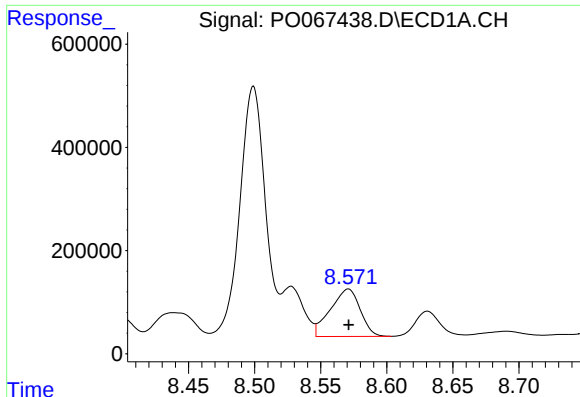
#32 AR-1260-2

R.T.: 8.207 min
Delta R.T.: -0.001 min
Response: 6872902
Conc: 4589.84 ng/ml



#32 AR-1260-2

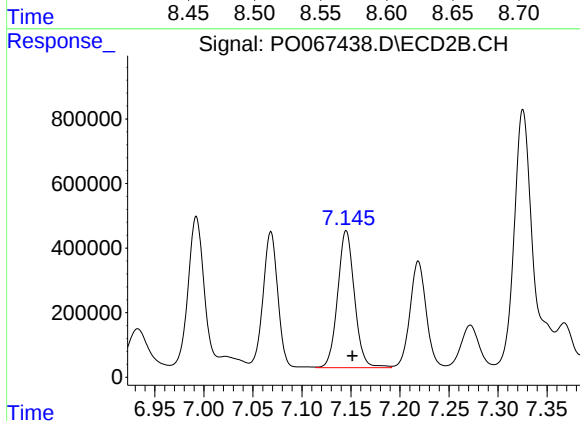
R.T.: 6.992 min
Delta R.T.: -0.005 min
Response: 5378899
Conc: 2035.58 ng/ml



#33 AR-1260-3

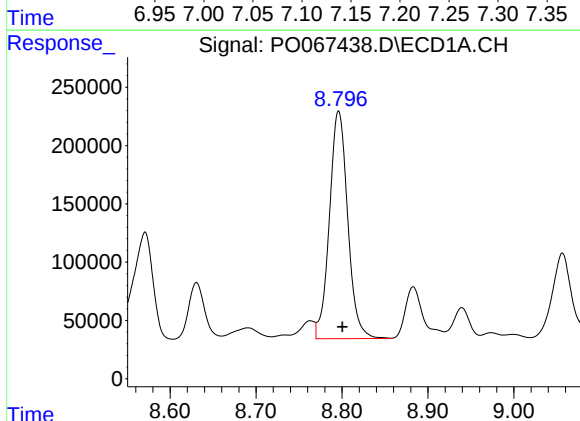
R.T.: 8.571 min
Delta R.T.: 0.000 min
Response: 1448283
Conc: 1256.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



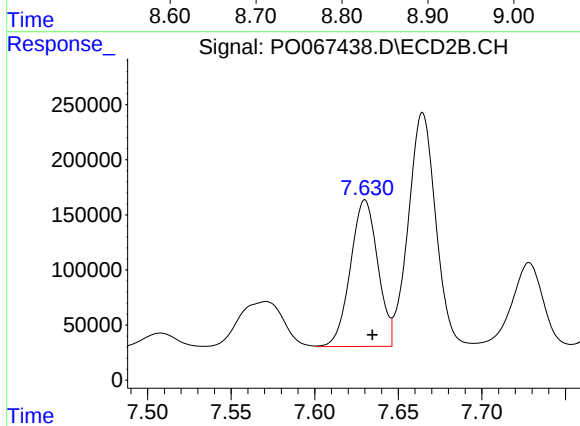
#33 AR-1260-3

R.T.: 7.145 min
Delta R.T.: -0.006 min
Response: 5079594
Conc: 2081.43 ng/ml



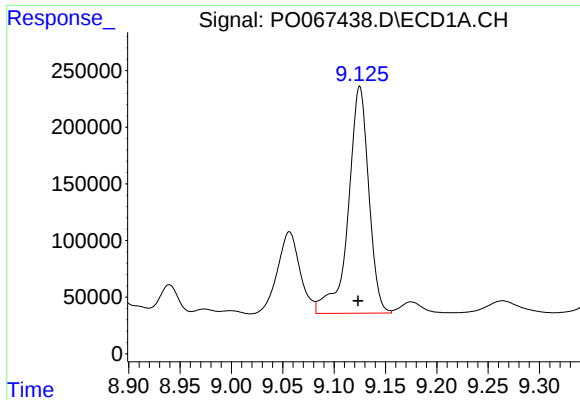
#34 AR-1260-4

R.T.: 8.796 min
Delta R.T.: -0.005 min
Response: 2892279
Conc: 2153.58 ng/ml



#34 AR-1260-4

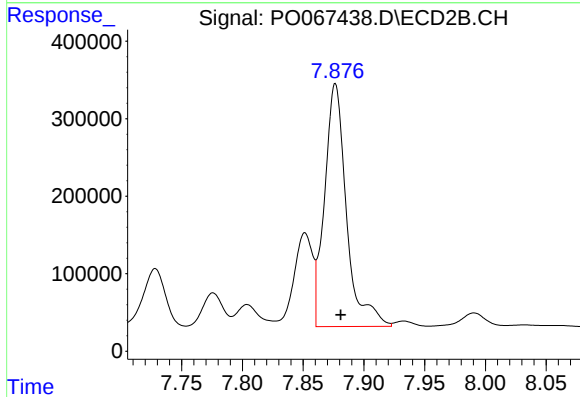
R.T.: 7.630 min
Delta R.T.: -0.004 min
Response: 1513665
Conc: 713.12 ng/ml



#35 AR-1260-5

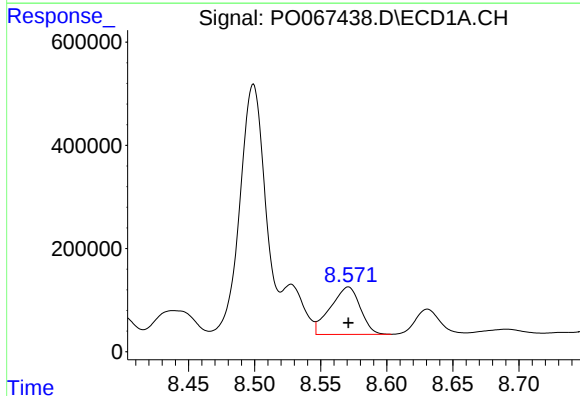
R.T.: 9.125 min
Delta R.T.: 0.002 min
Response: 2784028
Conc: 979.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



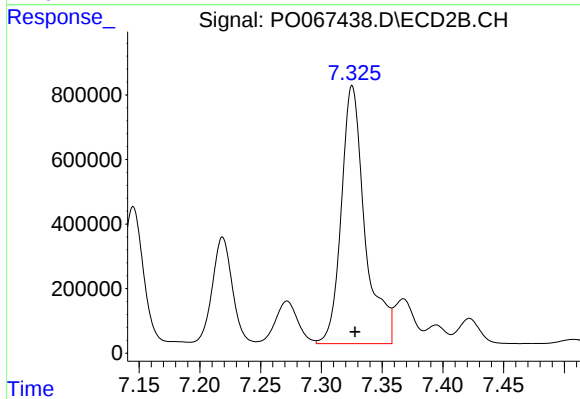
#35 AR-1260-5

R.T.: 7.877 min
Delta R.T.: -0.004 min
Response: 3944385
Conc: 791.19 ng/ml



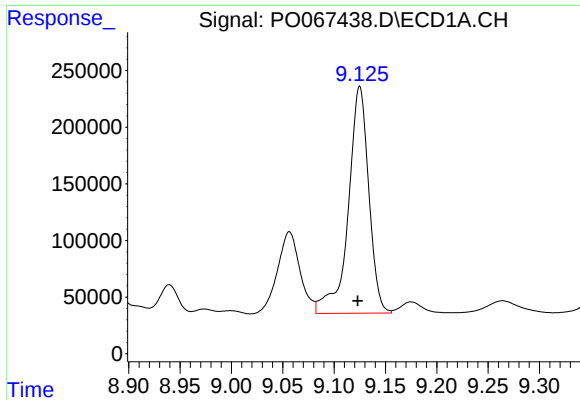
#36 AR-1262-1

R.T.: 8.571 min
Delta R.T.: 0.000 min
Response: 1448283
Conc: 994.58 ng/ml



#36 AR-1262-1

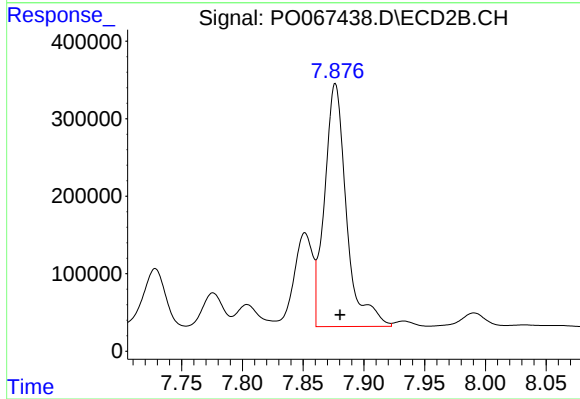
R.T.: 7.325 min
Delta R.T.: -0.002 min
Response: 10814064
Conc: 7526.05 ng/ml



#37 AR-1262-2

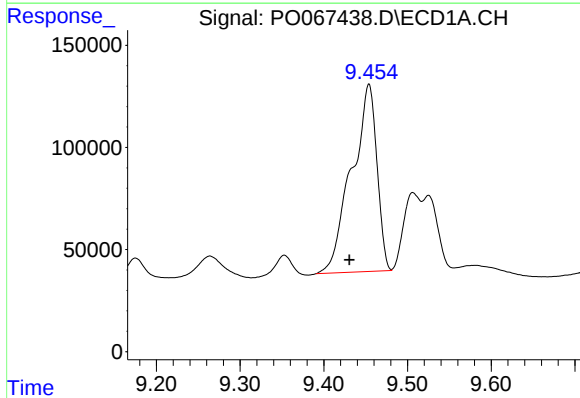
R.T.: 9.125 min
Delta R.T.: 0.002 min
Response: 2784028
Conc: 1007.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



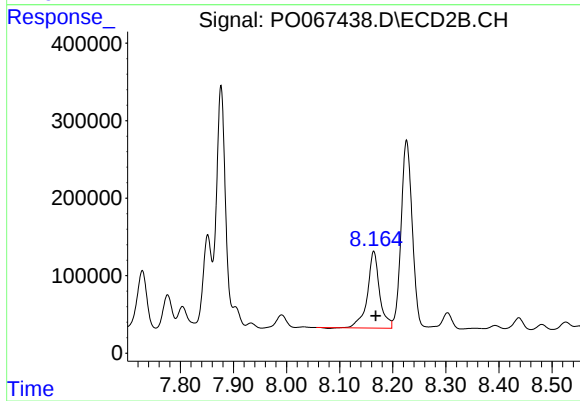
#37 AR-1262-2

R.T.: 7.877 min
Delta R.T.: -0.004 min
Response: 3944385
Conc: 854.49 ng/ml



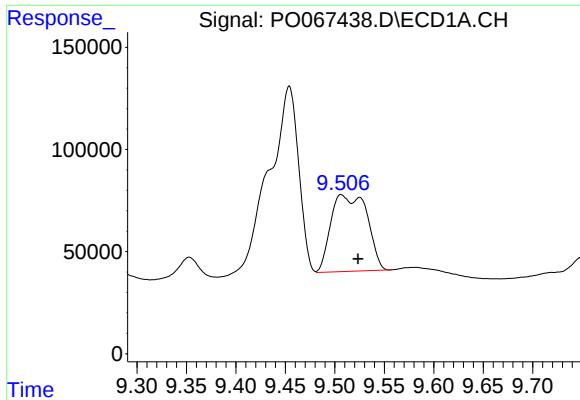
#38 AR-1262-3

R.T.: 9.454 min
Delta R.T.: 0.023 min
Response: 1920099
Conc: 987.80 ng/ml



#38 AR-1262-3

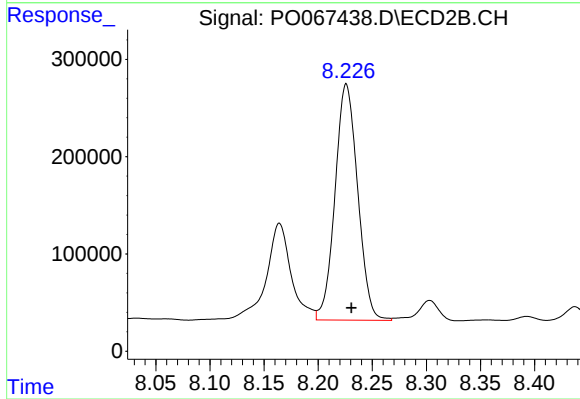
R.T.: 8.164 min
Delta R.T.: -0.004 min
Response: 1575663
Conc: 789.20 ng/ml



#39 AR-1262-4

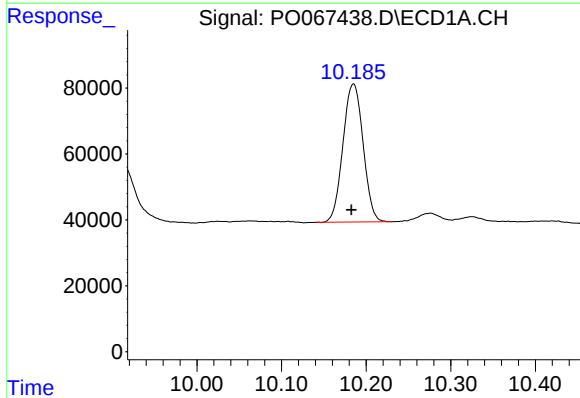
R.T.: 9.507 min
Delta R.T.: -0.017 min
Response: 955797
Conc: 652.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



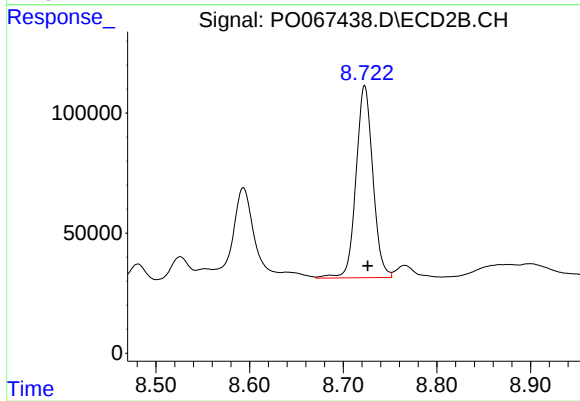
#39 AR-1262-4

R.T.: 8.226 min
Delta R.T.: -0.005 min
Response: 3536076
Conc: 1007.71 ng/ml



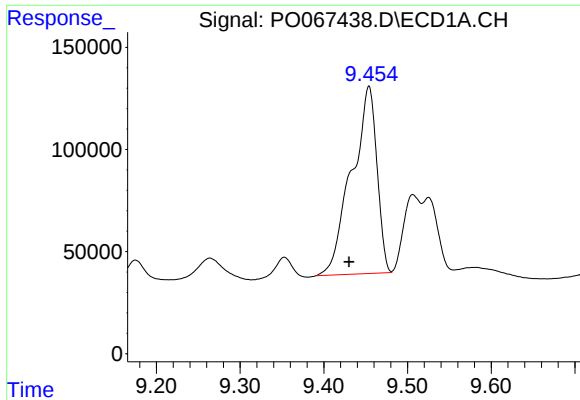
#40 AR-1262-5

R.T.: 10.185 min
Delta R.T.: 0.002 min
Response: 694121
Conc: 635.78 ng/ml



#40 AR-1262-5

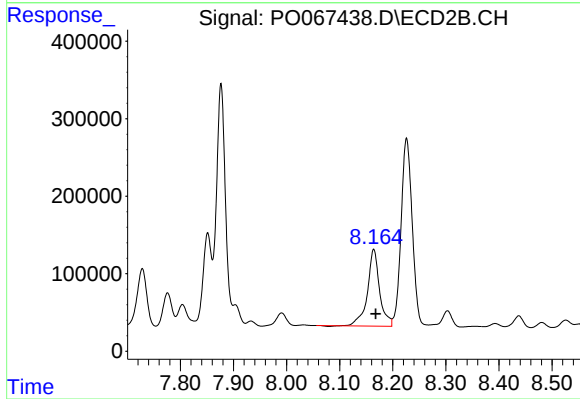
R.T.: 8.723 min
Delta R.T.: -0.003 min
Response: 1000707
Conc: 589.06 ng/ml



#41 AR-1268-1

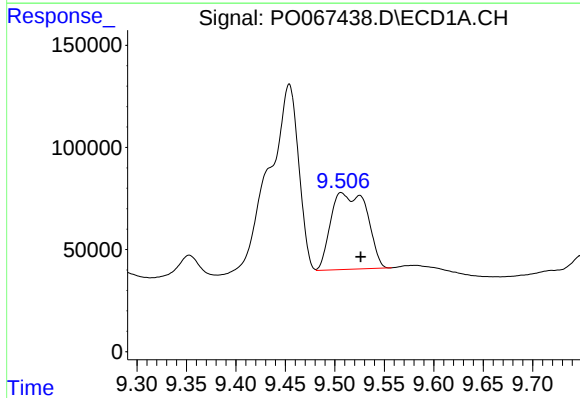
R.T.: 9.454 min
Delta R.T.: 0.024 min
Response: 1920099
Conc: 586.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



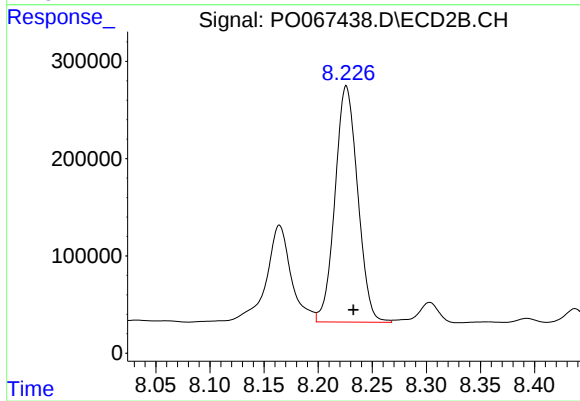
#41 AR-1268-1

R.T.: 8.164 min
Delta R.T.: -0.004 min
Response: 1575663
Conc: 296.93 ng/ml



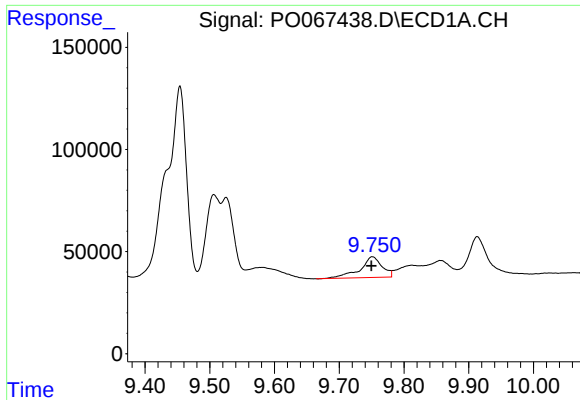
#42 AR-1268-2

R.T.: 9.507 min
Delta R.T.: -0.019 min
Response: 955797
Conc: 313.02 ng/ml



#42 AR-1268-2

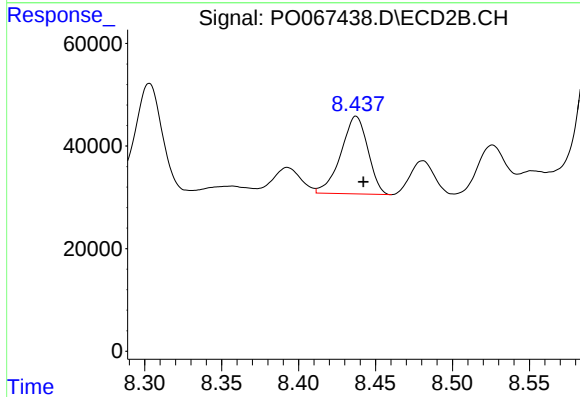
R.T.: 8.226 min
Delta R.T.: -0.007 min
Response: 3536076
Conc: 743.43 ng/ml



#43 AR-1268-3

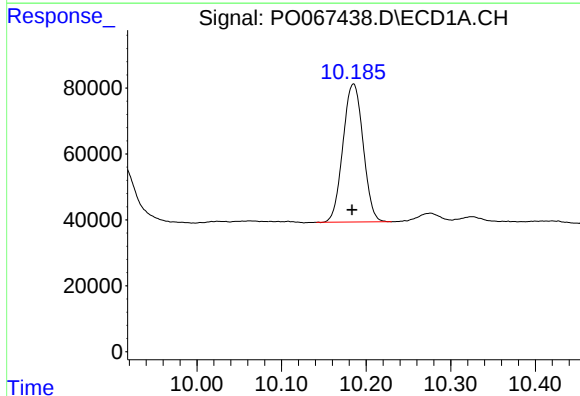
R.T.: 9.751 min
Delta R.T.: 0.002 min
Response: 241267
Conc: 94.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



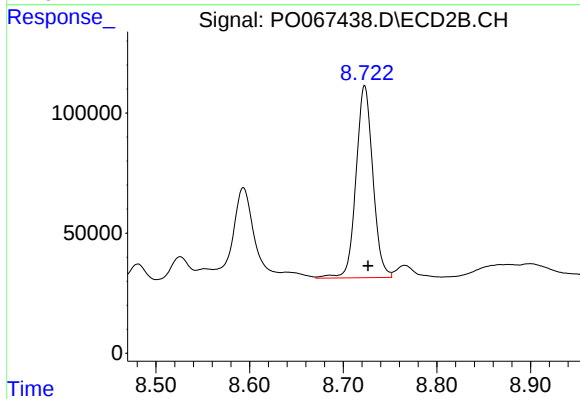
#43 AR-1268-3

R.T.: 8.437 min
Delta R.T.: -0.005 min
Response: 184187
Conc: 47.02 ng/ml



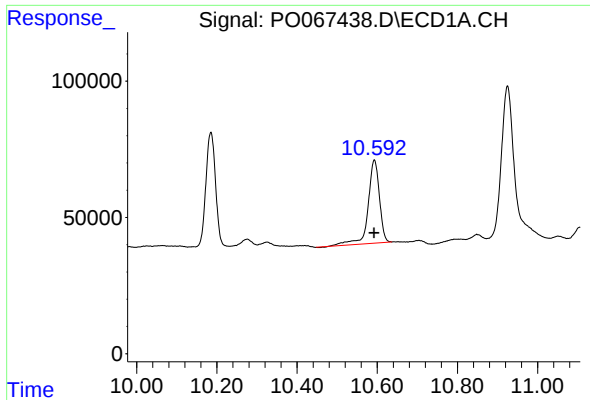
#44 AR-1268-4

R.T.: 10.185 min
Delta R.T.: 0.002 min
Response: 694121
Conc: 571.89 ng/ml



#44 AR-1268-4

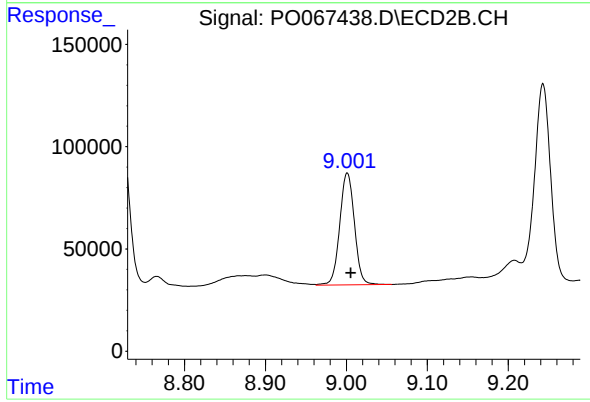
R.T.: 8.723 min
Delta R.T.: -0.003 min
Response: 1000707
Conc: 535.10 ng/ml



#45 AR-1268-5

R.T.: 10.593 min
Delta R.T.: 0.000 min
Response: 599826
Conc: 67.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 9.001 min
Delta R.T.: -0.004 min
Response: 690705
Conc: 57.20 ng/ml