

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0032420\
 Data File : P0067442.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 24 Mar 2020 19:20
 Operator : DD\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 25 02:09:08 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	1206234	1911049	56.754	54.666
2)	SA Decachlor...	10.924	9.243	1352460	1587189	47.070	40.691
Target Compounds							
3)	L1 AR-1016-1	6.260	5.207	489148	771568	540.566	504.394
4)	L1 AR-1016-2	6.284	5.228	671789	1033419	539.186	512.245
5)	L1 AR-1016-3	6.350	5.418	413965	564901	528.482	506.168
6)	L1 AR-1016-4	6.457	5.471	341137	463370	536.334	498.211
7)	L1 AR-1016-5	6.770	5.699	341491	579000	528.516	488.273
8)	L2 AR-1221-1	0.000	4.207	0	73479	N.D.	174.175 #
9)	L2 AR-1221-2	0.000	4.307	0	105036	N.D.	328.849 #
10)	L2 AR-1221-3	5.377	4.396	240515	389996	411.458	395.617
11)	L3 AR-1232-1	5.377	4.396	240515	389996	560.332	538.889
12)	L3 AR-1232-2	5.965	5.228	337026	1033419	1445.411	1408.572
13)	L3 AR-1232-3	6.284	5.418	671789	564901	1596.253	1445.625
14)	L3 AR-1232-4	6.457	5.515	341137	554401	1574.758	1552.132
15)	L3 AR-1232-5	6.554	5.699	286267	579000	1776.772	1473.217
16)	L4 AR-1242-1	6.260	5.207	489148	771568	716.078	661.020
17)	L4 AR-1242-2	6.284	5.228	671789	1033419	723.151	674.858
18)	L4 AR-1242-3	6.350	5.418	413965	564901	698.671	669.552
19)	L4 AR-1242-4	6.457	5.515	341137	554401	713.982	655.681
20)	L4 AR-1242-5	0.000	6.079	0	419158	N.D.	391.962 #
21)	L5 AR-1248-1	6.260	5.207	489148	771568	1082.527	973.366
22)	L5 AR-1248-2	6.554	5.471	286267	463370	474.829	449.112
23)	L5 AR-1248-3	6.770	5.515	341491	554401	483.610	526.754
24)	L5 AR-1248-4	7.167	5.699	186150	579000	224.135	457.827 #
25)	L5 AR-1248-5	0.000	6.121	0	76746	N.D.	61.181 #
26)	L6 AR-1254-1	7.167	6.079	186150	419158	221.273	215.278
27)	L6 AR-1254-2	7.396	6.238	253987	391442	189.406	227.100
28)	L6 AR-1254-3	7.777	6.659	175534	222831	121.126	79.450 #
29)	L6 AR-1254-4	8.070	6.897	122338	124075	108.218	67.428 #
30)	L6 AR-1254-5	8.497	7.325	817331	1342860	662.809	541.203
31)	L7 AR-1260-1	7.944	6.796	630942	976025	520.075	455.493
32)	L7 AR-1260-2	8.208	6.993	740632	1192283	494.606	451.206
33)	L7 AR-1260-3	8.571	7.147	554254	1099421	480.771	450.502
34)	L7 AR-1260-4	8.800	7.630	647763	936783	482.322	441.337
35)	L7 AR-1260-5	9.124	7.876	1314286	2163180	462.518	433.907
36)	L8 AR-1262-1	8.571	7.325	554254	1342860	380.623	934.564 #
37)	L8 AR-1262-2	9.124	7.876	1314286	2163180	475.578	468.618
38)	L8 AR-1262-3	9.453	8.164	863368	514239	444.163	257.566 #
39)	L8 AR-1262-4	9.506	8.225	525570	1574899	358.969	448.815 #
40)	L8 AR-1262-5	10.184	8.722	405353	590910	371.284	347.835
41)	L9 AR-1268-1	9.453	8.164	863368	514239	263.843	96.906 #

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 Operator : DD\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

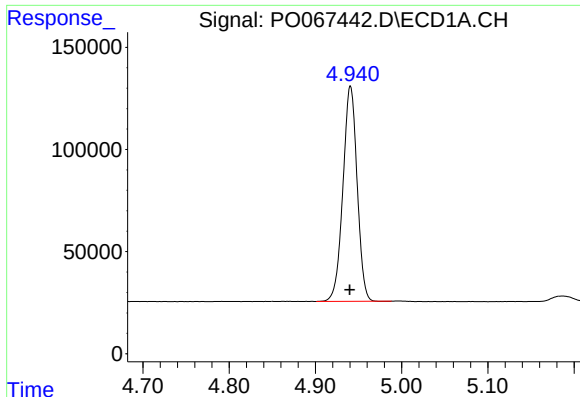
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 25 02:09:08 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	9.506	8.225	525570	1574899	172.120	331.109 #
44) L9	AR-1268-4	10.184	8.722	405353	590910	333.975	315.972
45) L9	AR-1268-5	10.592	9.000	115983	161061	12.990	13.338

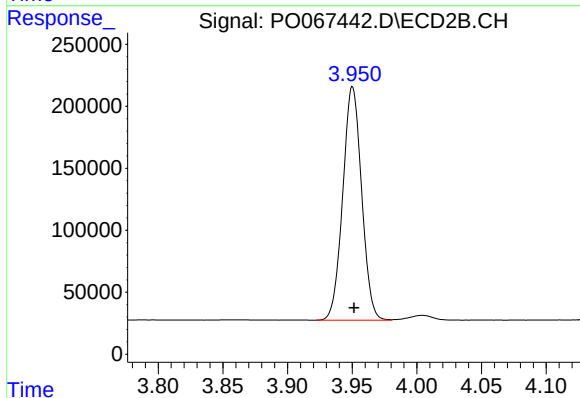
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

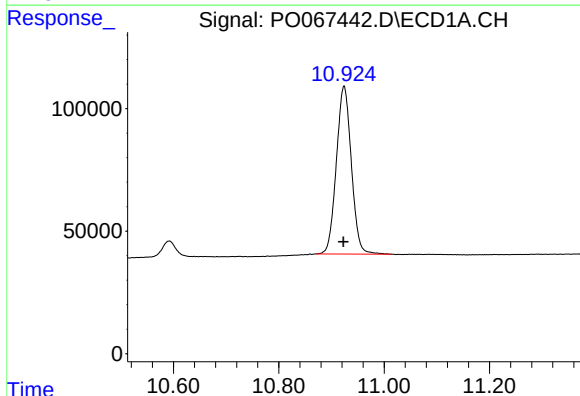
R.T.: 4.941 min
Delta R.T.: 0.000 min
Response: 1206234
Conc: 56.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



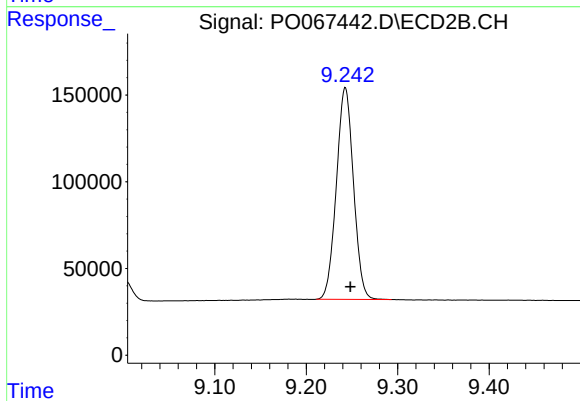
#1 Tetrachloro-m-xylene

R.T.: 3.950 min
Delta R.T.: -0.001 min
Response: 1911049
Conc: 54.67 ng/ml



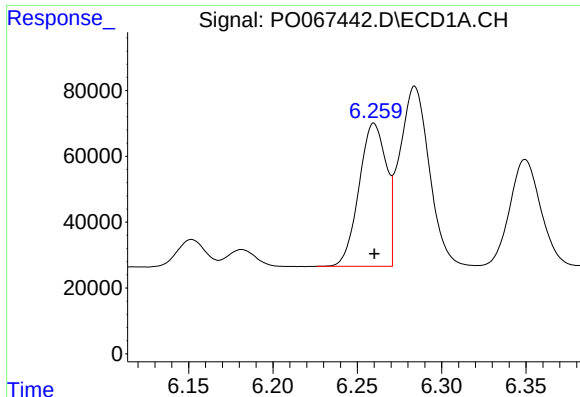
#2 Decachlorobiphenyl

R.T.: 10.924 min
Delta R.T.: 0.001 min
Response: 1352460
Conc: 47.07 ng/ml



#2 Decachlorobiphenyl

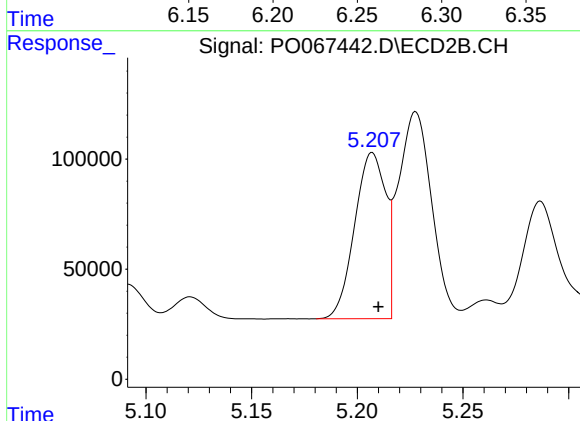
R.T.: 9.243 min
Delta R.T.: -0.005 min
Response: 1587189
Conc: 40.69 ng/ml



#3 AR-1016-1

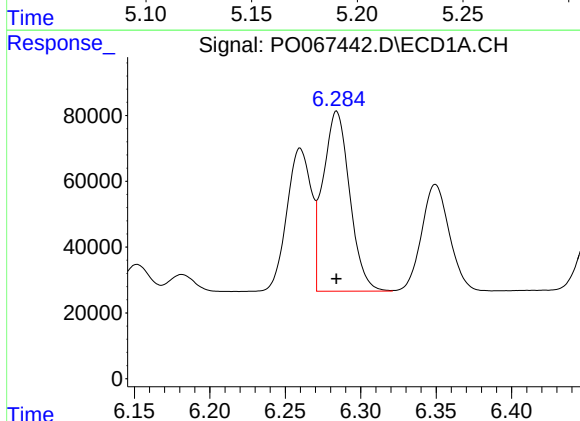
R.T.: 6.260 min
Delta R.T.: 0.000 min
Response: 489148
Conc: 540.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



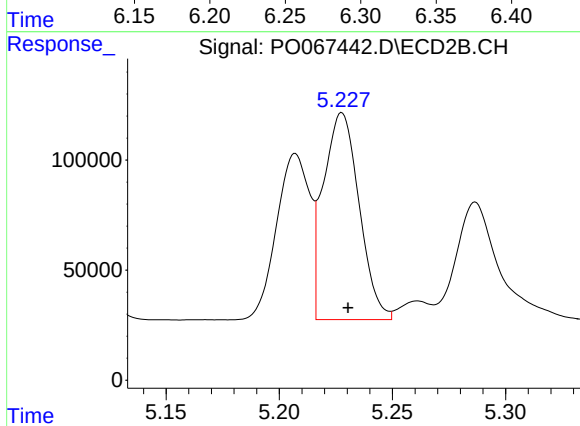
#3 AR-1016-1

R.T.: 5.207 min
Delta R.T.: -0.003 min
Response: 771568
Conc: 504.39 ng/ml



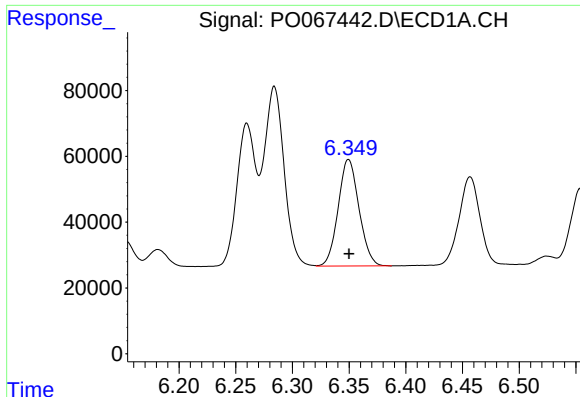
#4 AR-1016-2

R.T.: 6.284 min
Delta R.T.: 0.000 min
Response: 671789
Conc: 539.19 ng/ml



#4 AR-1016-2

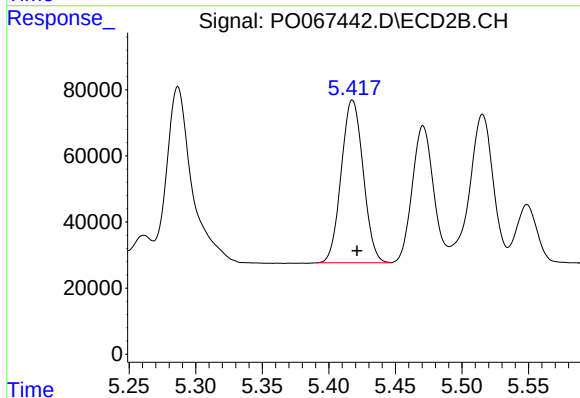
R.T.: 5.228 min
Delta R.T.: -0.003 min
Response: 1033419
Conc: 512.25 ng/ml



#5 AR-1016-3

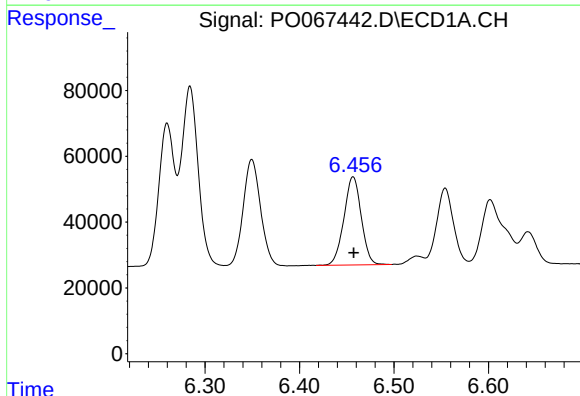
R.T.: 6.350 min
Delta R.T.: 0.000 min
Response: 413965
Conc: 528.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



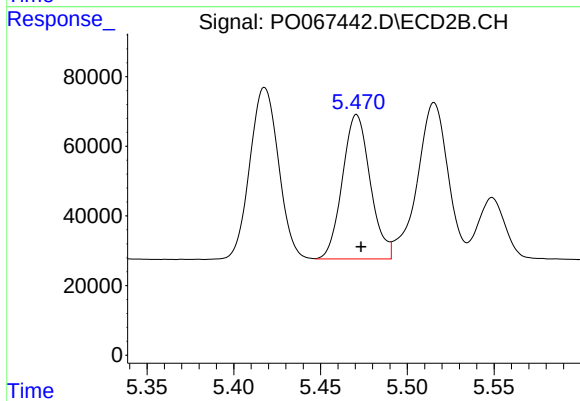
#5 AR-1016-3

R.T.: 5.418 min
Delta R.T.: -0.004 min
Response: 564901
Conc: 506.17 ng/ml



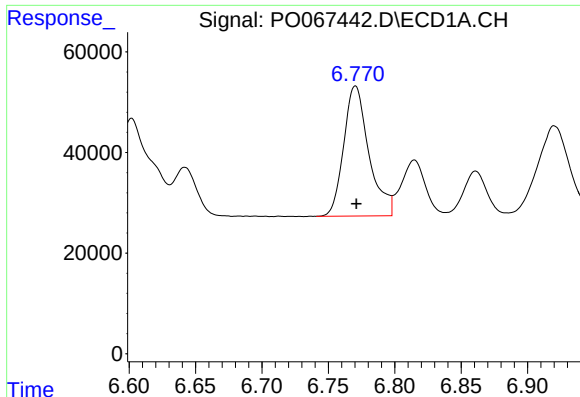
#6 AR-1016-4

R.T.: 6.457 min
Delta R.T.: 0.000 min
Response: 341137
Conc: 536.33 ng/ml



#6 AR-1016-4

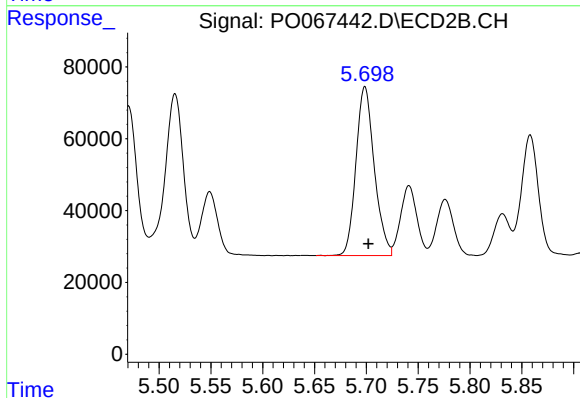
R.T.: 5.471 min
Delta R.T.: -0.003 min
Response: 463370
Conc: 498.21 ng/ml



#7 AR-1016-5

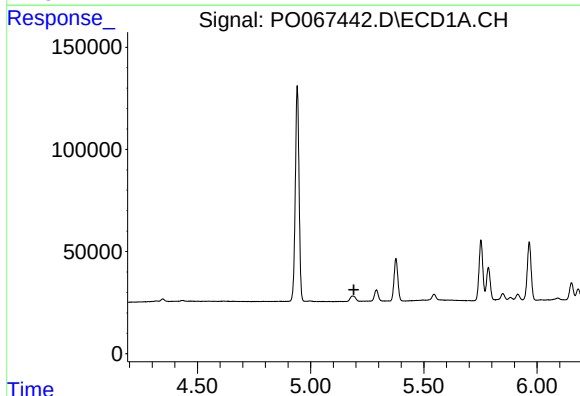
R.T.: 6.770 min
Delta R.T.: 0.000 min
Response: 341491
Conc: 528.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



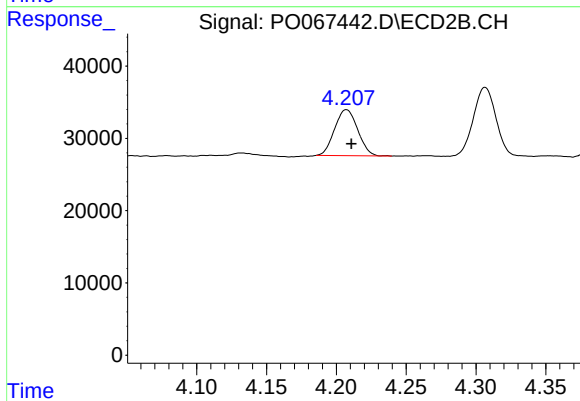
#7 AR-1016-5

R.T.: 5.699 min
Delta R.T.: -0.003 min
Response: 579000
Conc: 488.27 ng/ml



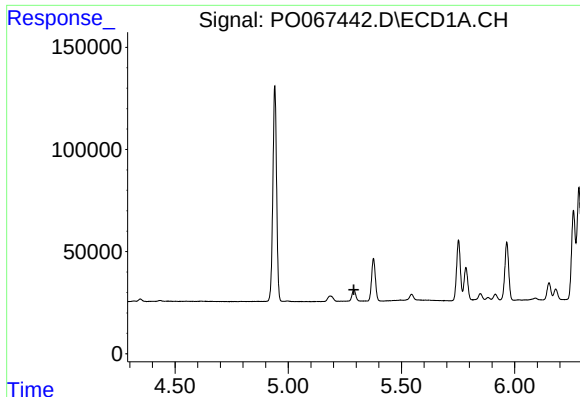
#8 AR-1221-1

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



#8 AR-1221-1

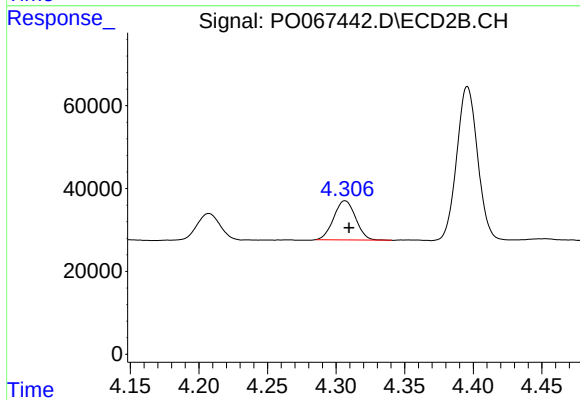
R.T.: 4.207 min
Delta R.T.: -0.004 min
Response: 73479
Conc: 174.17 ng/ml



#9 AR-1221-2

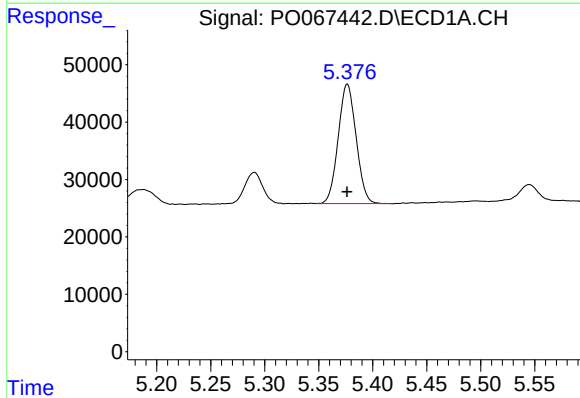
R.T.: 0.000 min
Exp R.T.: 5.290 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



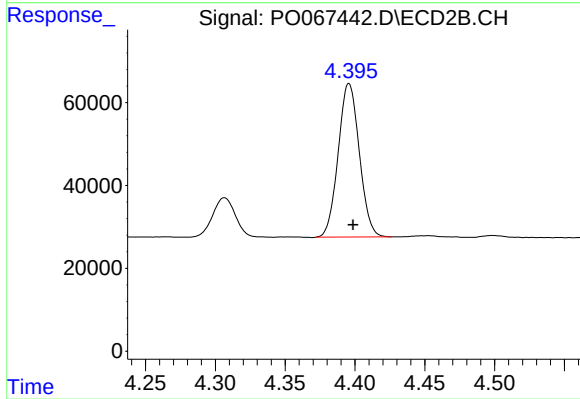
#9 AR-1221-2

R.T.: 4.307 min
Delta R.T.: -0.003 min
Response: 105036
Conc: 328.85 ng/ml



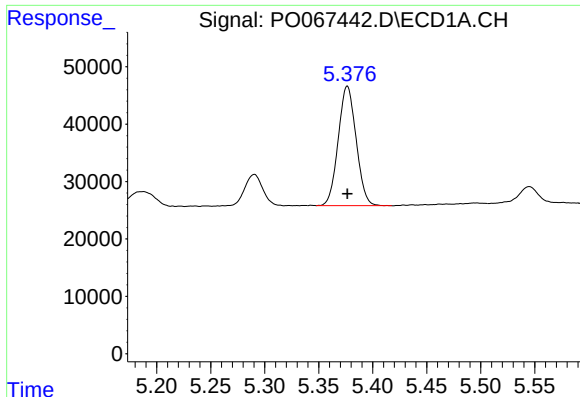
#10 AR-1221-3

R.T.: 5.377 min
Delta R.T.: 0.000 min
Response: 240515
Conc: 411.46 ng/ml



#10 AR-1221-3

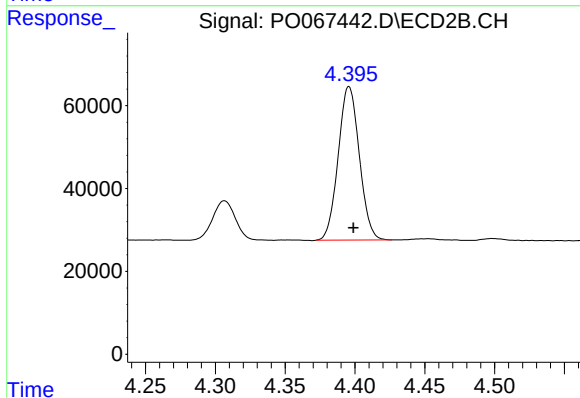
R.T.: 4.396 min
Delta R.T.: -0.003 min
Response: 389996
Conc: 395.62 ng/ml



#11 AR-1232-1

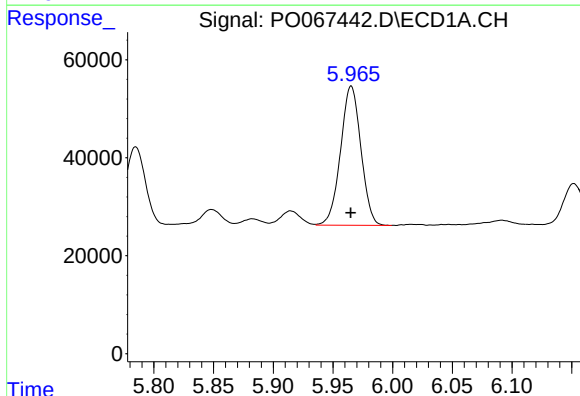
R.T.: 5.377 min
Delta R.T.: 0.000 min
Response: 240515
Conc: 560.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



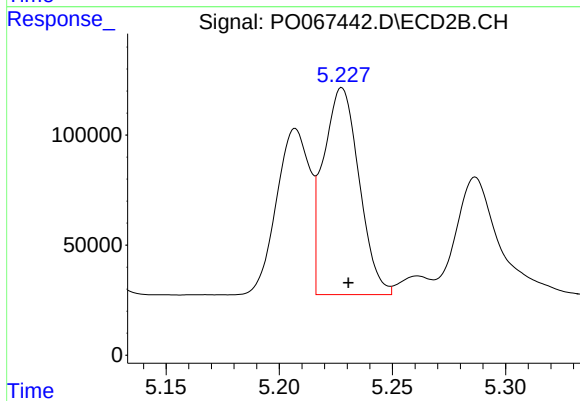
#11 AR-1232-1

R.T.: 4.396 min
Delta R.T.: -0.003 min
Response: 389996
Conc: 538.89 ng/ml



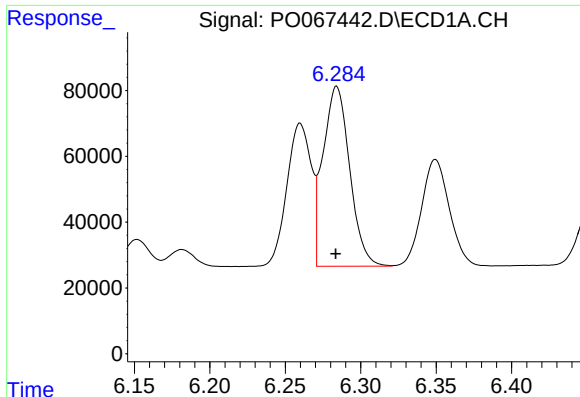
#12 AR-1232-2

R.T.: 5.965 min
Delta R.T.: 0.000 min
Response: 337026
Conc: 1445.41 ng/ml



#12 AR-1232-2

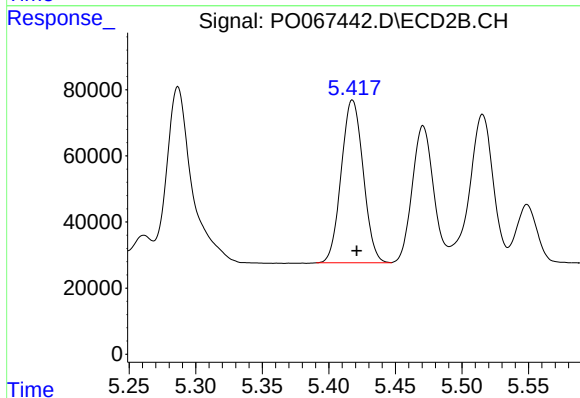
R.T.: 5.228 min
Delta R.T.: -0.003 min
Response: 1033419
Conc: 1408.57 ng/ml



#13 AR-1232-3

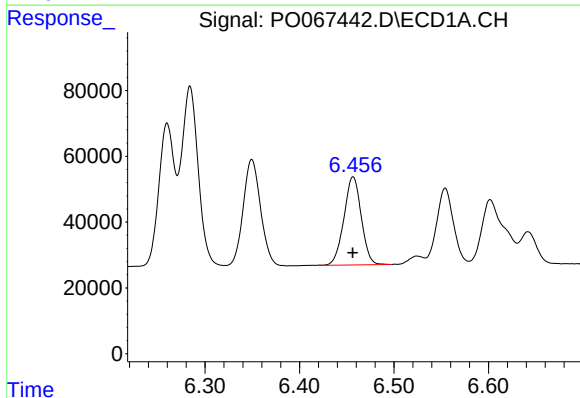
R.T.: 6.284 min
Delta R.T.: 0.000 min
Response: 671789
Conc: 1596.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



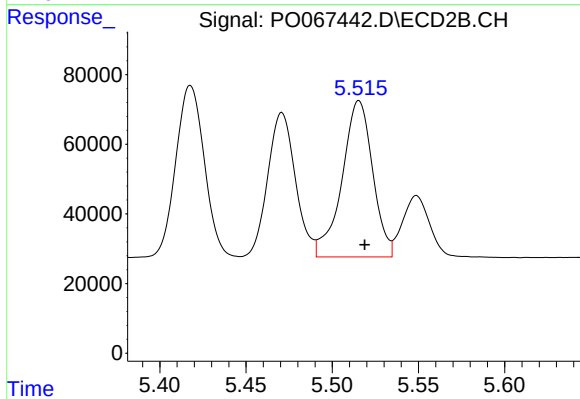
#13 AR-1232-3

R.T.: 5.418 min
Delta R.T.: -0.003 min
Response: 564901
Conc: 1445.63 ng/ml



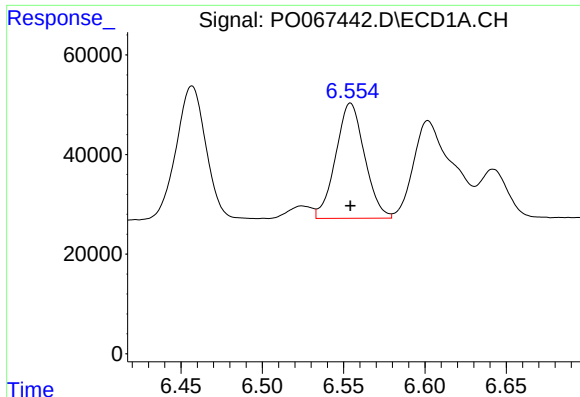
#14 AR-1232-4

R.T.: 6.457 min
Delta R.T.: 0.000 min
Response: 341137
Conc: 1574.76 ng/ml



#14 AR-1232-4

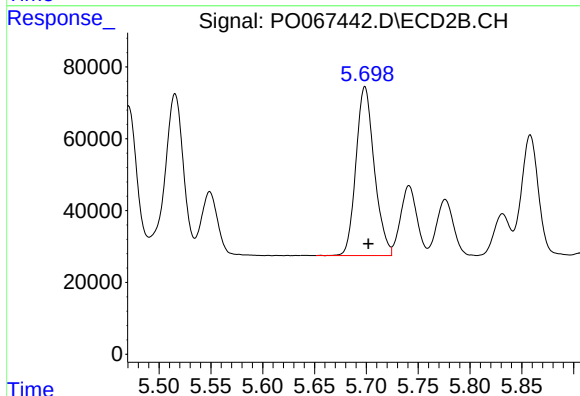
R.T.: 5.515 min
Delta R.T.: -0.003 min
Response: 554401
Conc: 1552.13 ng/ml



#15 AR-1232-5

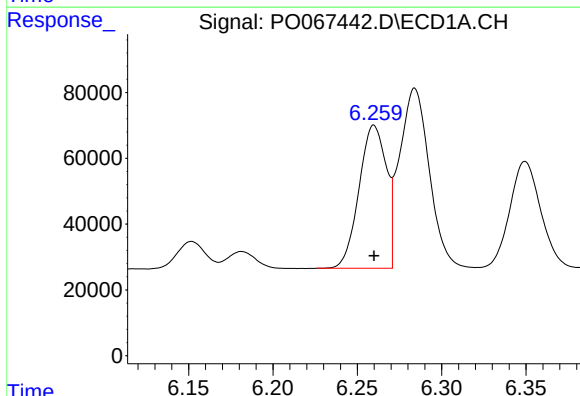
R.T.: 6.554 min
Delta R.T.: 0.000 min
Response: 286267
Conc: 1776.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



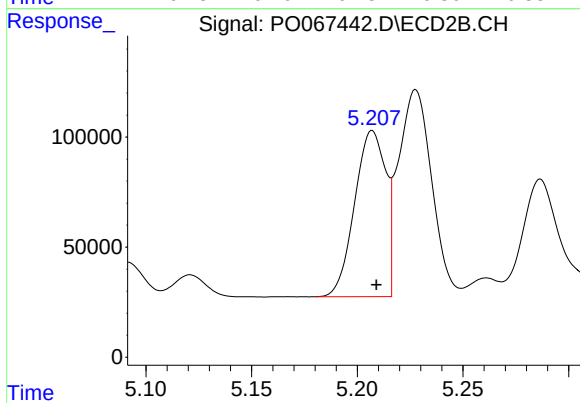
#15 AR-1232-5

R.T.: 5.699 min
Delta R.T.: -0.003 min
Response: 579000
Conc: 1473.22 ng/ml



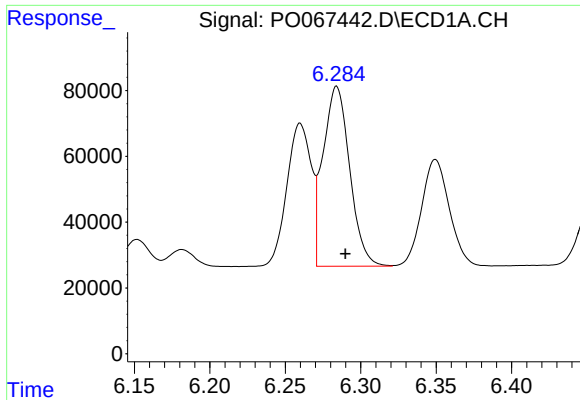
#16 AR-1242-1

R.T.: 6.260 min
Delta R.T.: 0.000 min
Response: 489148
Conc: 716.08 ng/ml



#16 AR-1242-1

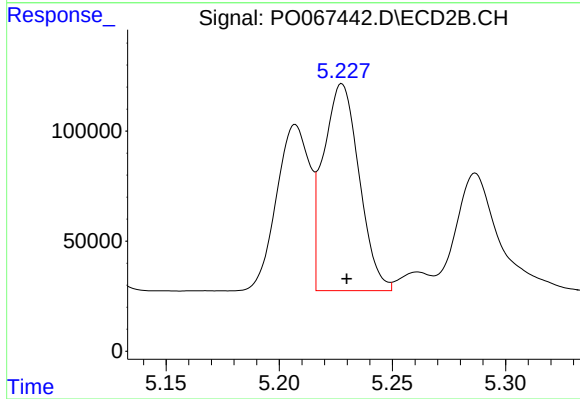
R.T.: 5.207 min
Delta R.T.: -0.002 min
Response: 771568
Conc: 661.02 ng/ml



#17 AR-1242-2

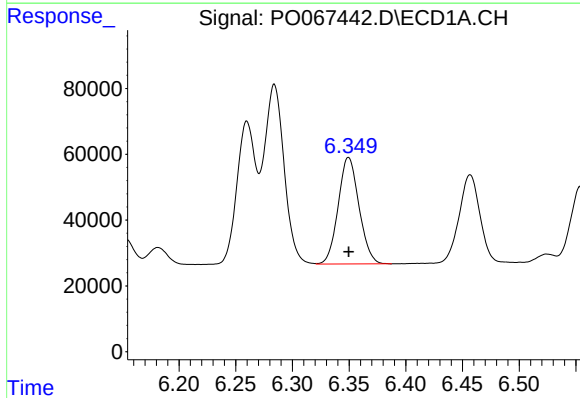
R.T.: 6.284 min
Delta R.T.: -0.006 min
Response: 671789
Conc: 723.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



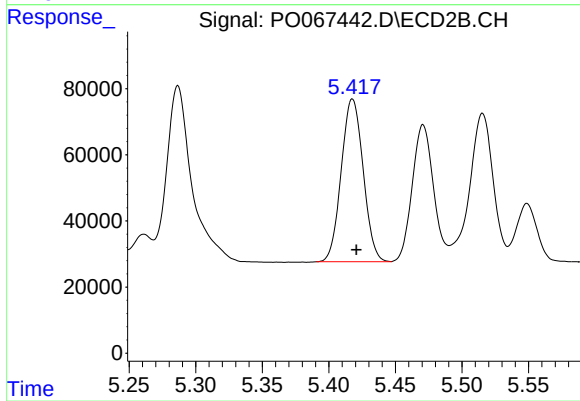
#17 AR-1242-2

R.T.: 5.228 min
Delta R.T.: -0.002 min
Response: 1033419
Conc: 674.86 ng/ml



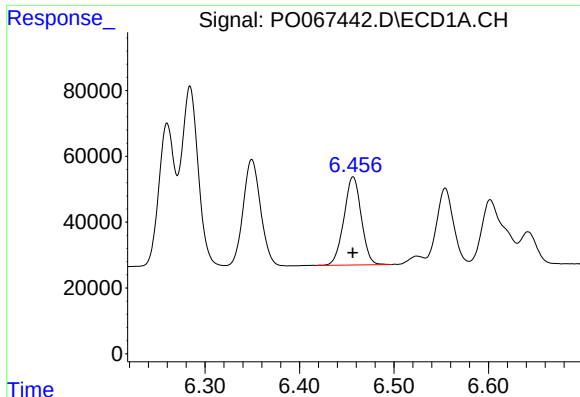
#18 AR-1242-3

R.T.: 6.350 min
Delta R.T.: 0.000 min
Response: 413965
Conc: 698.67 ng/ml



#18 AR-1242-3

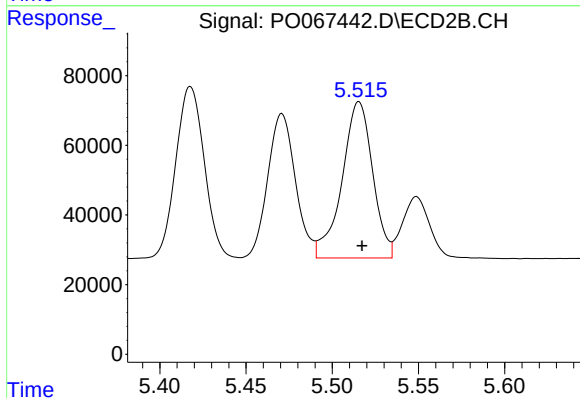
R.T.: 5.418 min
Delta R.T.: -0.003 min
Response: 564901
Conc: 669.55 ng/ml



#19 AR-1242-4

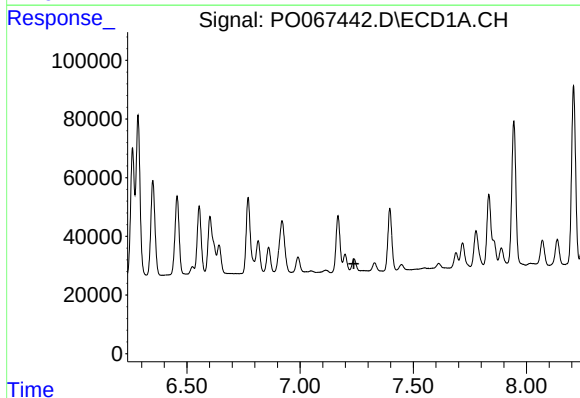
R.T.: 6.457 min
Delta R.T.: 0.000 min
Response: 341137
Conc: 713.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



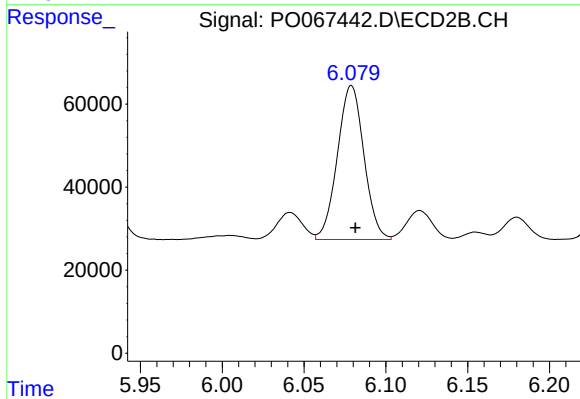
#19 AR-1242-4

R.T.: 5.515 min
Delta R.T.: -0.002 min
Response: 554401
Conc: 655.68 ng/ml



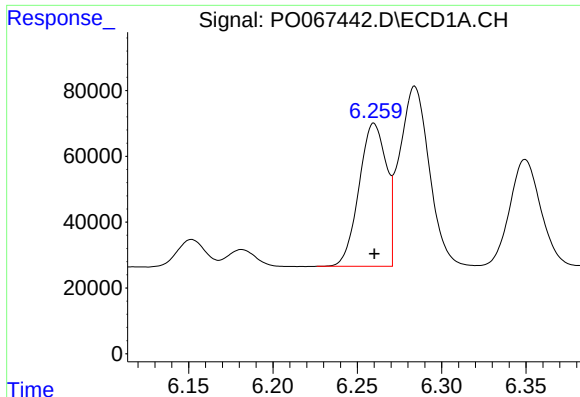
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T. : 7.237 min
Response: 0
Conc: N.D.



#20 AR-1242-5

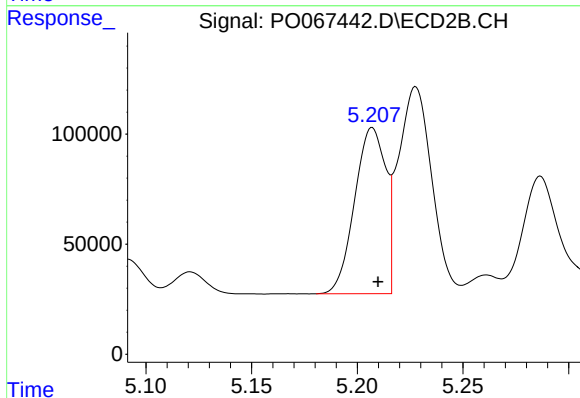
R.T.: 6.079 min
Delta R.T.: -0.002 min
Response: 419158
Conc: 391.96 ng/ml



#21 AR-1248-1

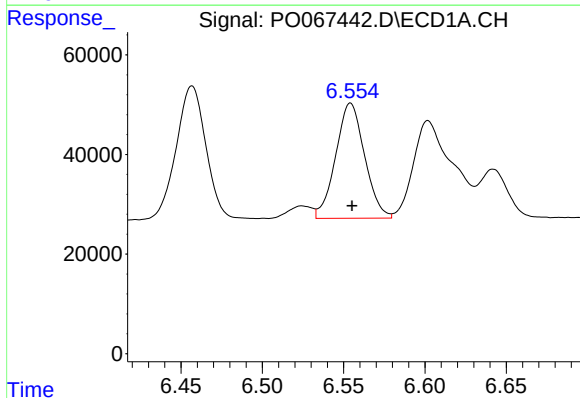
R.T.: 6.260 min
Delta R.T.: 0.000 min
Response: 489148
Conc: 1082.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



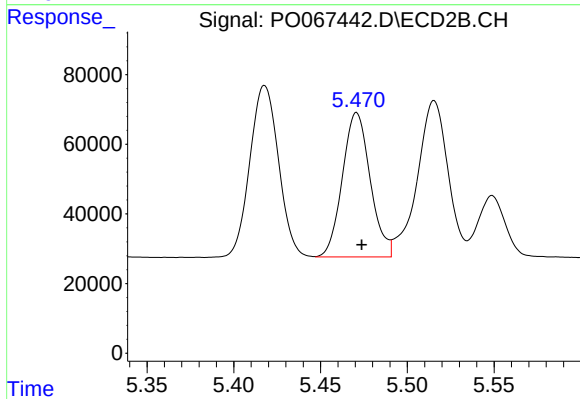
#21 AR-1248-1

R.T.: 5.207 min
Delta R.T.: -0.003 min
Response: 771568
Conc: 973.37 ng/ml



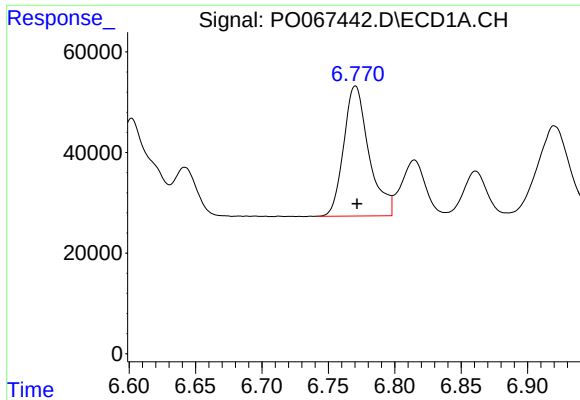
#22 AR-1248-2

R.T.: 6.554 min
Delta R.T.: 0.000 min
Response: 286267
Conc: 474.83 ng/ml



#22 AR-1248-2

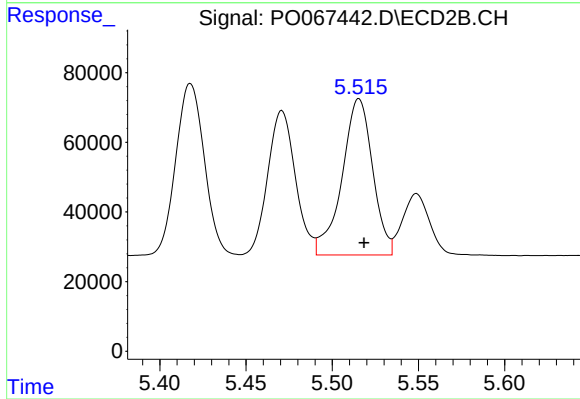
R.T.: 5.471 min
Delta R.T.: -0.003 min
Response: 463370
Conc: 449.11 ng/ml



#23 AR-1248-3

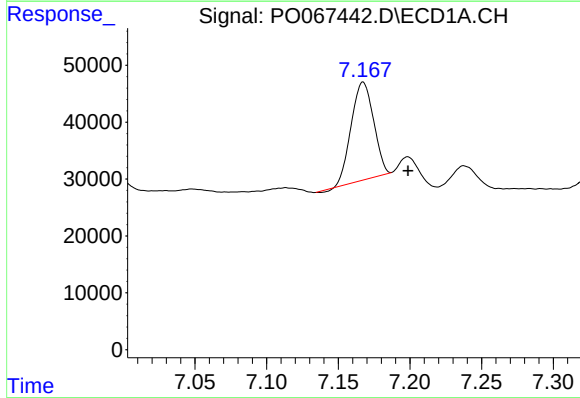
R.T.: 6.770 min
Delta R.T.: -0.001 min
Response: 341491
Conc: 483.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



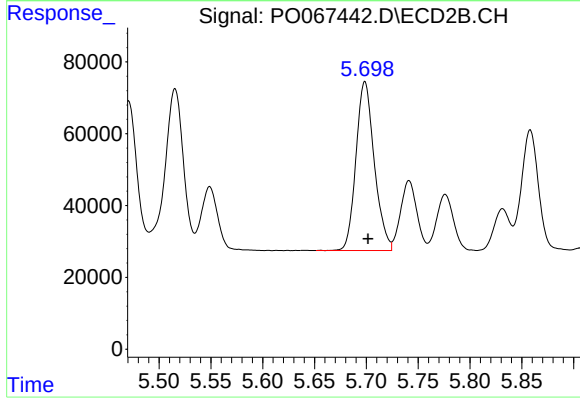
#23 AR-1248-3

R.T.: 5.515 min
Delta R.T.: -0.003 min
Response: 554401
Conc: 526.75 ng/ml



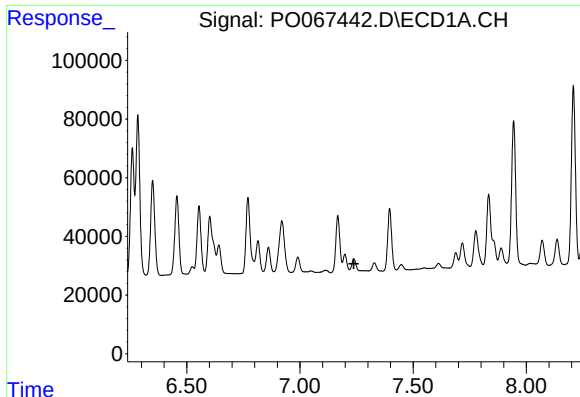
#24 AR-1248-4

R.T.: 7.167 min
Delta R.T.: -0.031 min
Response: 186150
Conc: 224.13 ng/ml



#24 AR-1248-4

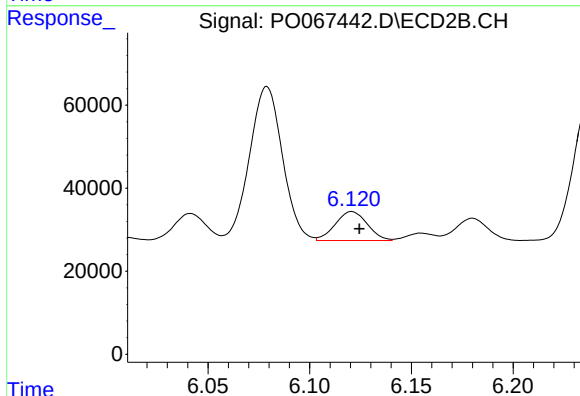
R.T.: 5.699 min
Delta R.T.: -0.003 min
Response: 579000
Conc: 457.83 ng/ml



#25 AR-1248-5

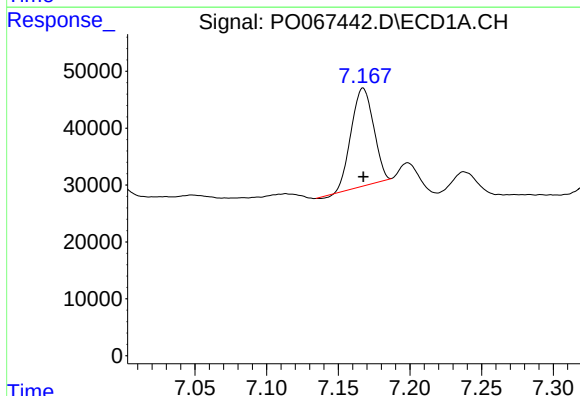
R.T.: 0.000 min
Exp R.T.: 7.238 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



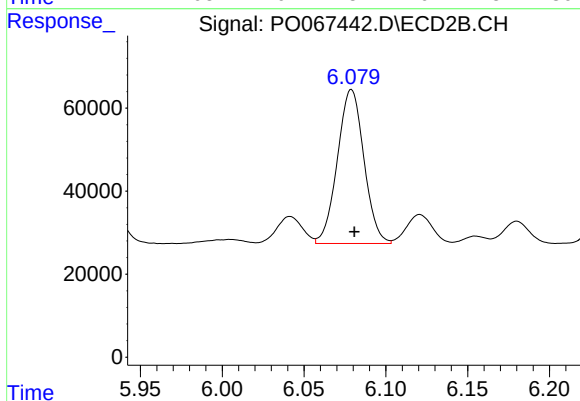
#25 AR-1248-5

R.T.: 6.121 min
Delta R.T.: -0.004 min
Response: 76746
Conc: 61.18 ng/ml



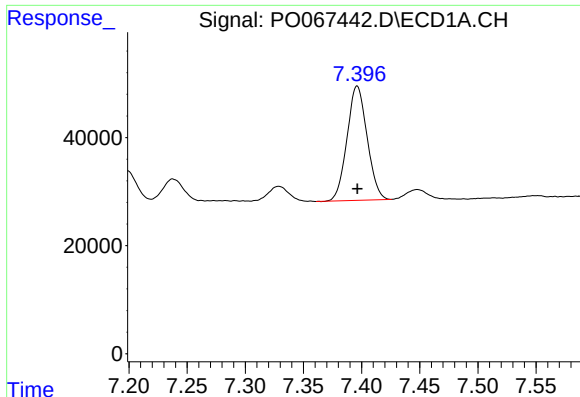
#26 AR-1254-1

R.T.: 7.167 min
Delta R.T.: 0.000 min
Response: 186150
Conc: 221.27 ng/ml



#26 AR-1254-1

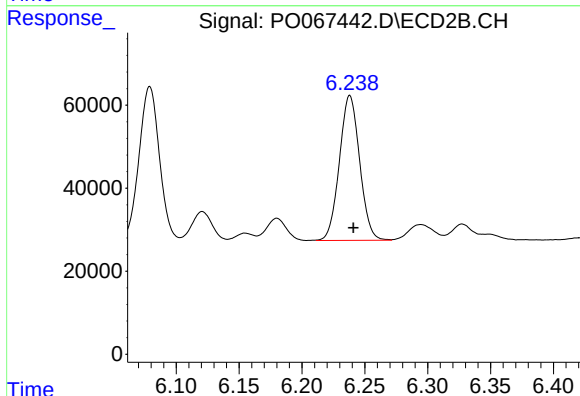
R.T.: 6.079 min
Delta R.T.: -0.002 min
Response: 419158
Conc: 215.28 ng/ml



#27 AR-1254-2

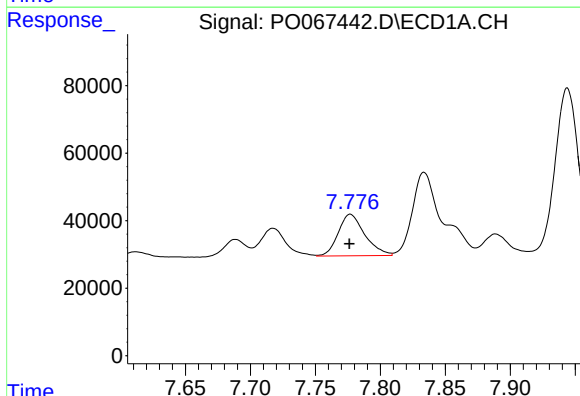
R.T.: 7.396 min
Delta R.T.: 0.000 min
Response: 253987
Conc: 189.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



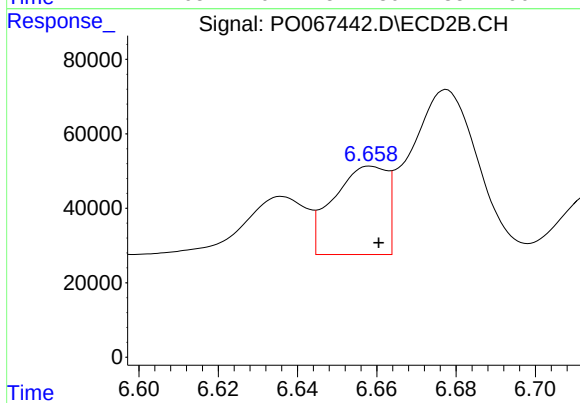
#27 AR-1254-2

R.T.: 6.238 min
Delta R.T.: -0.003 min
Response: 391442
Conc: 227.10 ng/ml



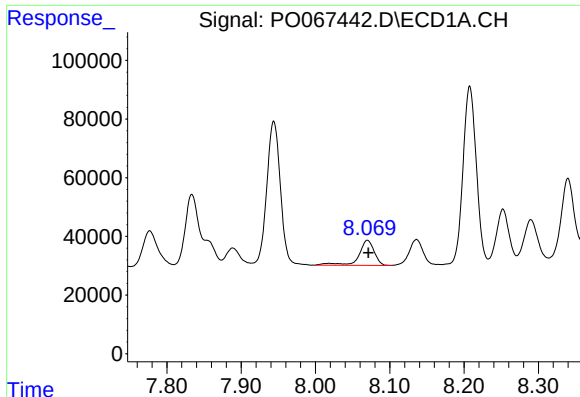
#28 AR-1254-3

R.T.: 7.777 min
Delta R.T.: 0.000 min
Response: 175534
Conc: 121.13 ng/ml



#28 AR-1254-3

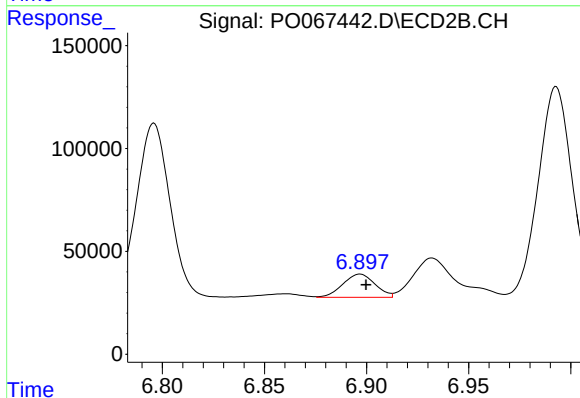
R.T.: 6.659 min
Delta R.T.: -0.002 min
Response: 222831
Conc: 79.45 ng/ml



#29 AR-1254-4

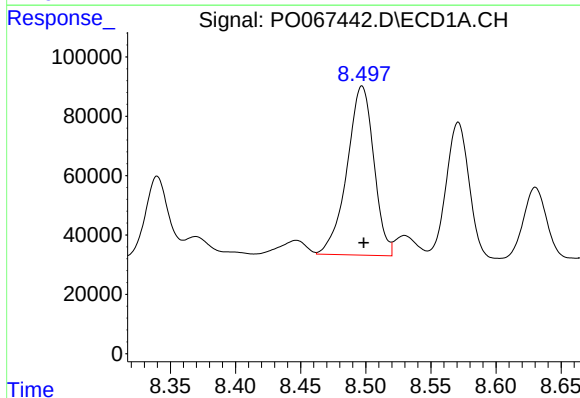
R.T.: 8.070 min
Delta R.T.: -0.001 min
Response: 122338
Conc: 108.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



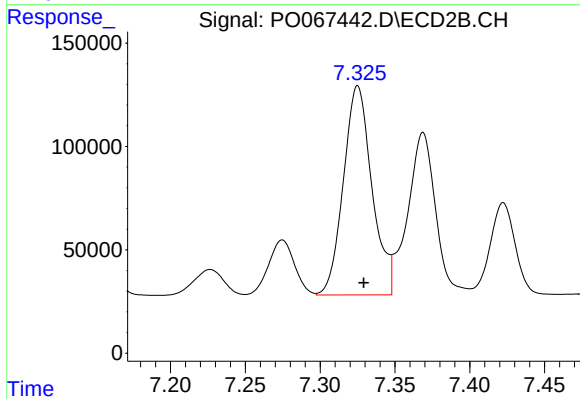
#29 AR-1254-4

R.T.: 6.897 min
Delta R.T.: -0.003 min
Response: 124075
Conc: 67.43 ng/ml



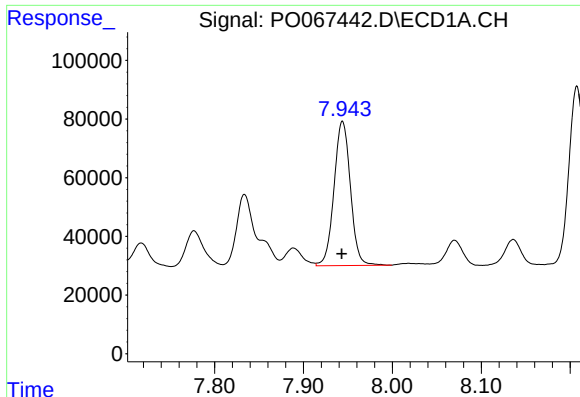
#30 AR-1254-5

R.T.: 8.497 min
Delta R.T.: -0.001 min
Response: 817331
Conc: 662.81 ng/ml



#30 AR-1254-5

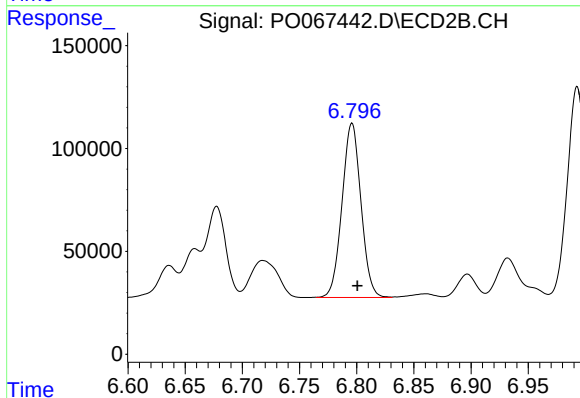
R.T.: 7.325 min
Delta R.T.: -0.004 min
Response: 1342860
Conc: 541.20 ng/ml



#31 AR-1260-1

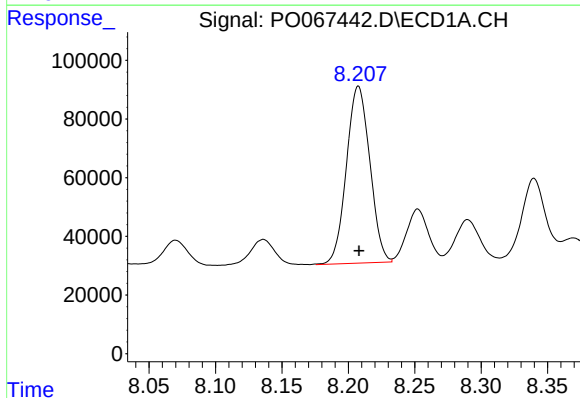
R.T.: 7.944 min
Delta R.T.: 0.000 min
Response: 630942
Conc: 520.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



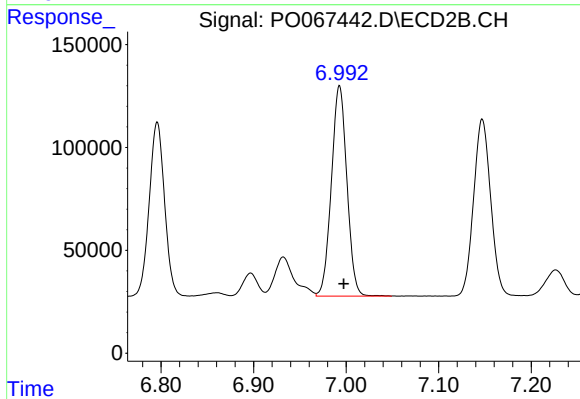
#31 AR-1260-1

R.T.: 6.796 min
Delta R.T.: -0.005 min
Response: 976025
Conc: 455.49 ng/ml



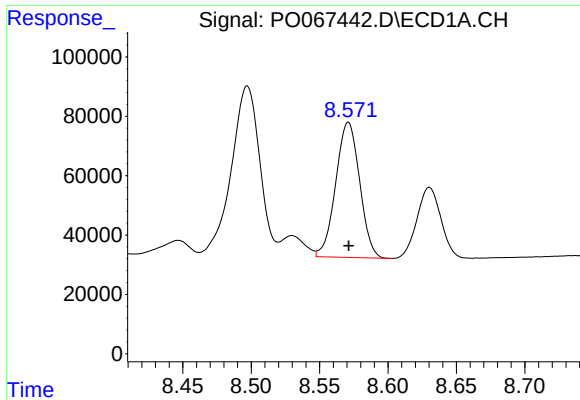
#32 AR-1260-2

R.T.: 8.208 min
Delta R.T.: 0.000 min
Response: 740632
Conc: 494.61 ng/ml



#32 AR-1260-2

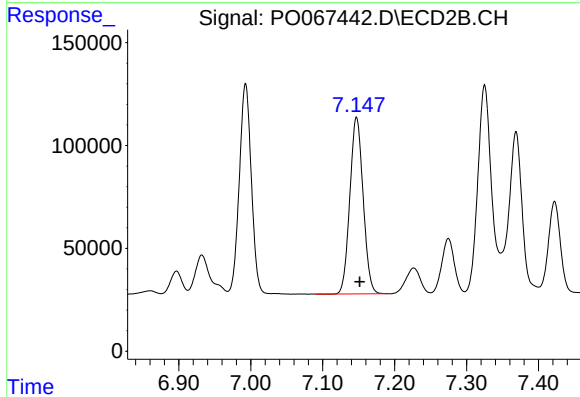
R.T.: 6.993 min
Delta R.T.: -0.004 min
Response: 1192283
Conc: 451.21 ng/ml



#33 AR-1260-3

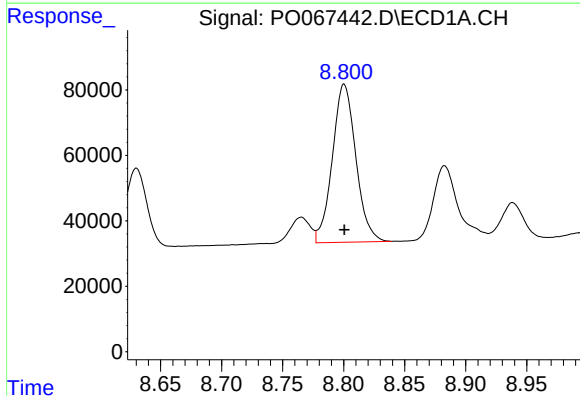
R.T.: 8.571 min
Delta R.T.: 0.000 min
Response: 554254
Conc: 480.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



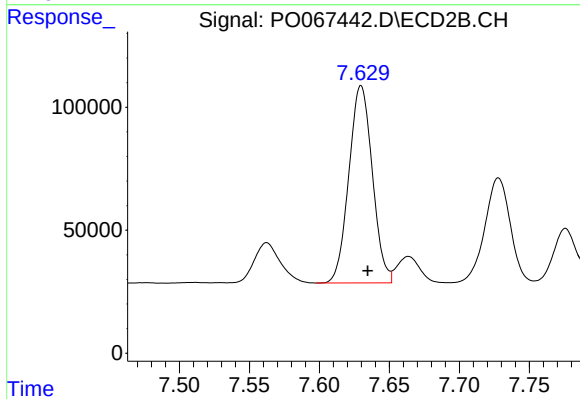
#33 AR-1260-3

R.T.: 7.147 min
Delta R.T.: -0.004 min
Response: 1099421
Conc: 450.50 ng/ml



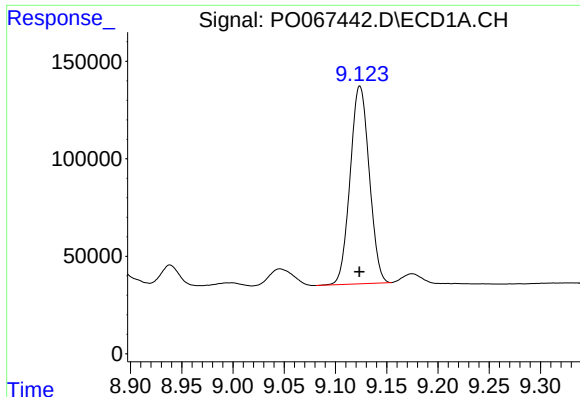
#34 AR-1260-4

R.T.: 8.800 min
Delta R.T.: 0.000 min
Response: 647763
Conc: 482.32 ng/ml



#34 AR-1260-4

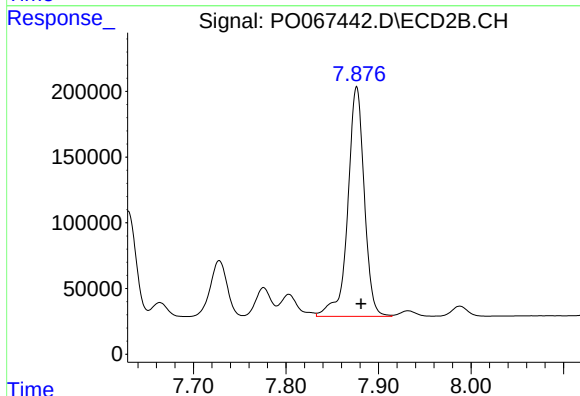
R.T.: 7.630 min
Delta R.T.: -0.005 min
Response: 936783
Conc: 441.34 ng/ml



#35 AR-1260-5

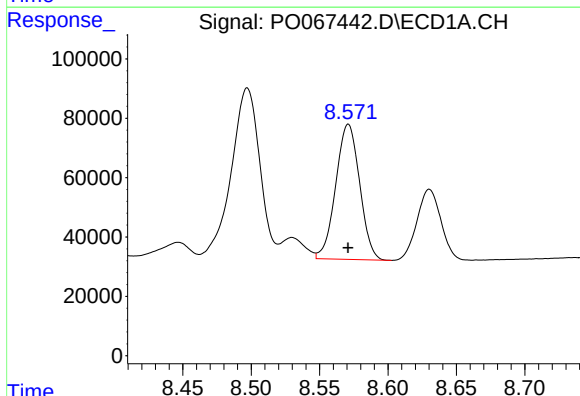
R.T.: 9.124 min
Delta R.T.: 0.000 min
Response: 1314286
Conc: 462.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



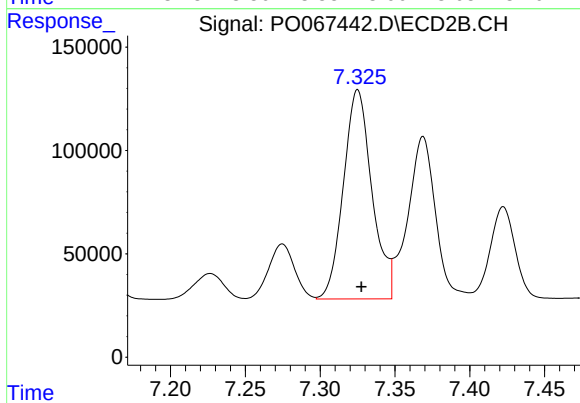
#35 AR-1260-5

R.T.: 7.876 min
Delta R.T.: -0.005 min
Response: 2163180
Conc: 433.91 ng/ml



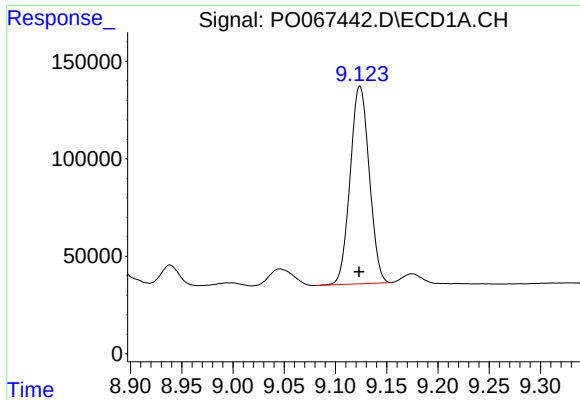
#36 AR-1262-1

R.T.: 8.571 min
Delta R.T.: 0.000 min
Response: 554254
Conc: 380.62 ng/ml



#36 AR-1262-1

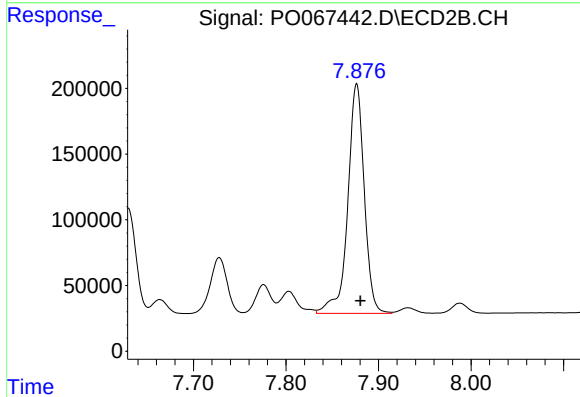
R.T.: 7.325 min
Delta R.T.: -0.003 min
Response: 1342860
Conc: 934.56 ng/ml



#37 AR-1262-2

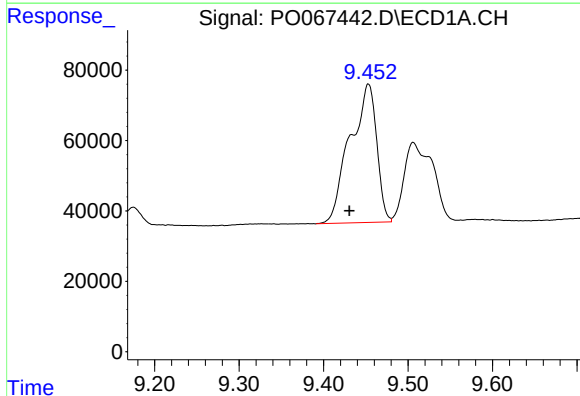
R.T.: 9.124 min
Delta R.T.: 0.000 min
Response: 1314286
Conc: 475.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



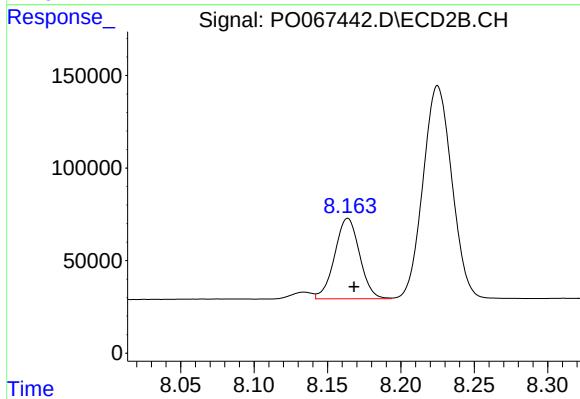
#37 AR-1262-2

R.T.: 7.876 min
Delta R.T.: -0.004 min
Response: 2163180
Conc: 468.62 ng/ml



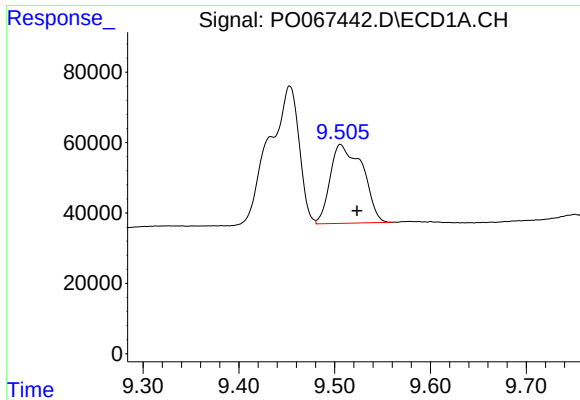
#38 AR-1262-3

R.T.: 9.453 min
Delta R.T.: 0.022 min
Response: 863368
Conc: 444.16 ng/ml



#38 AR-1262-3

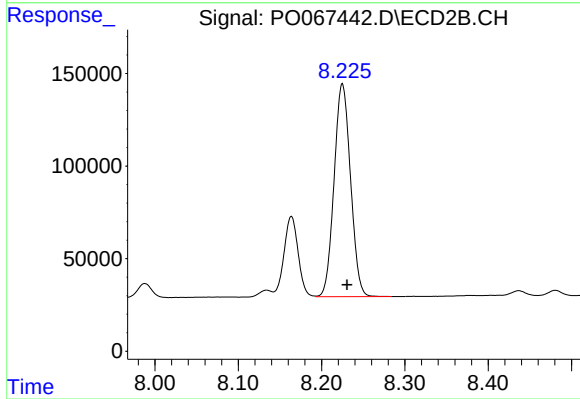
R.T.: 8.164 min
Delta R.T.: -0.004 min
Response: 514239
Conc: 257.57 ng/ml



#39 AR-1262-4

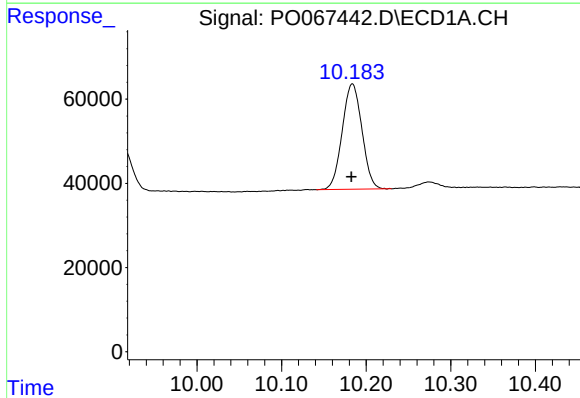
R.T.: 9.506 min
Delta R.T.: -0.017 min
Response: 525570
Conc: 358.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



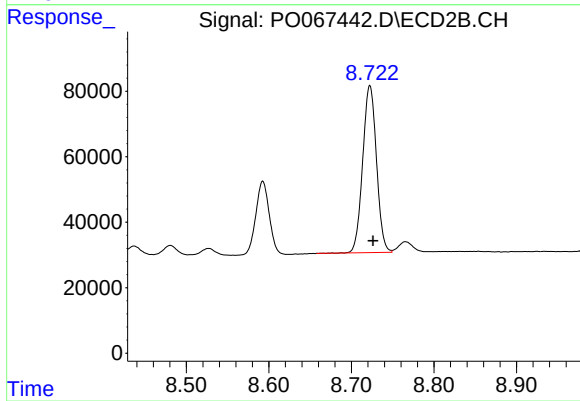
#39 AR-1262-4

R.T.: 8.225 min
Delta R.T.: -0.006 min
Response: 1574899
Conc: 448.81 ng/ml



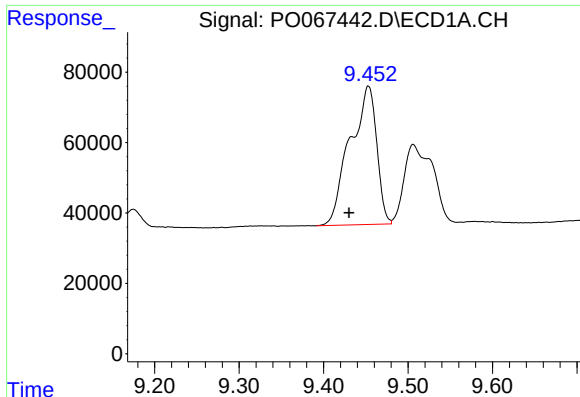
#40 AR-1262-5

R.T.: 10.184 min
Delta R.T.: 0.001 min
Response: 405353
Conc: 371.28 ng/ml



#40 AR-1262-5

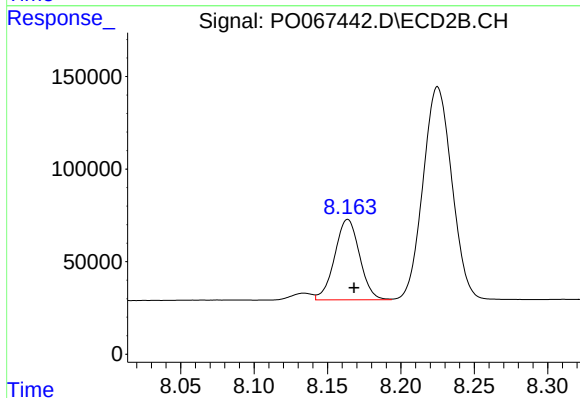
R.T.: 8.722 min
Delta R.T.: -0.004 min
Response: 590910
Conc: 347.83 ng/ml



#41 AR-1268-1

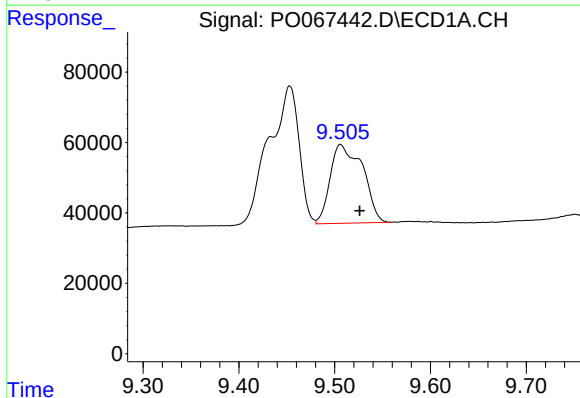
R.T.: 9.453 min
Delta R.T.: 0.023 min
Response: 863368
Conc: 263.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



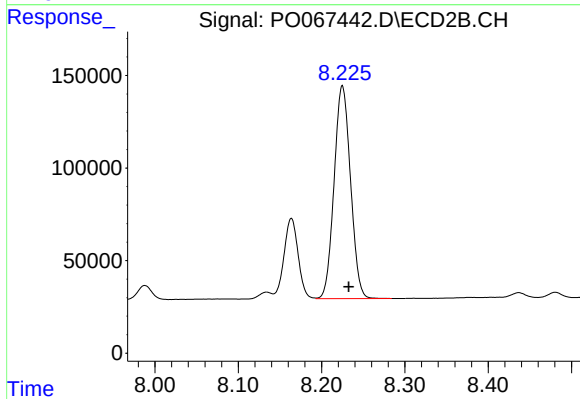
#41 AR-1268-1

R.T.: 8.164 min
Delta R.T.: -0.004 min
Response: 514239
Conc: 96.91 ng/ml



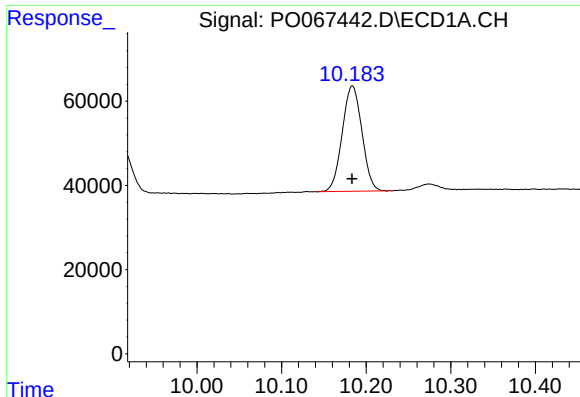
#42 AR-1268-2

R.T.: 9.506 min
Delta R.T.: -0.020 min
Response: 525570
Conc: 172.12 ng/ml



#42 AR-1268-2

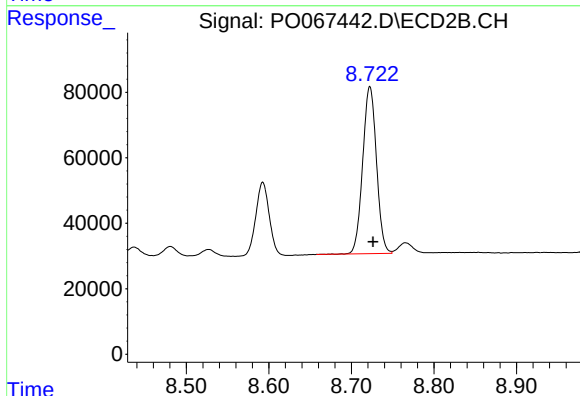
R.T.: 8.225 min
Delta R.T.: -0.008 min
Response: 1574899
Conc: 331.11 ng/ml



#44 AR-1268-4

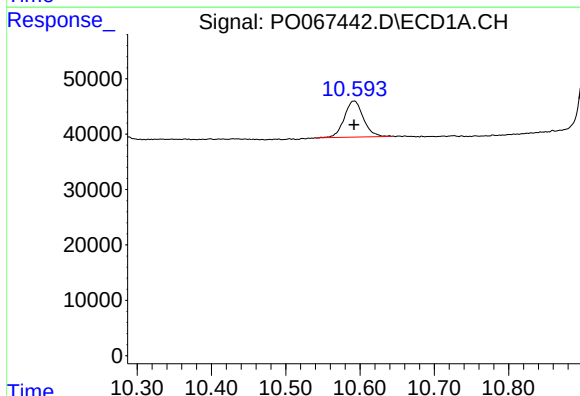
R.T.: 10.184 min
Delta R.T.: 0.000 min
Response: 405353
Conc: 333.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



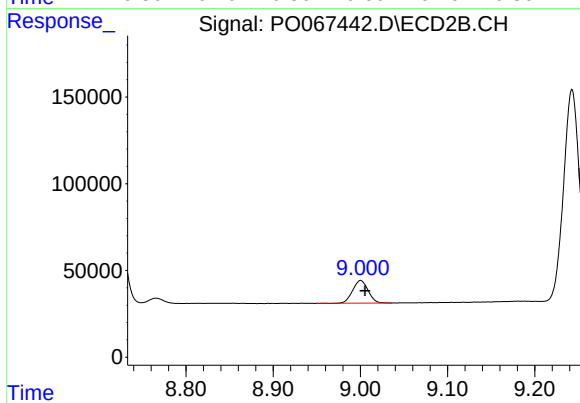
#44 AR-1268-4

R.T.: 8.722 min
Delta R.T.: -0.004 min
Response: 590910
Conc: 315.97 ng/ml



#45 AR-1268-5

R.T.: 10.592 min
Delta R.T.: 0.000 min
Response: 115983
Conc: 12.99 ng/ml



#45 AR-1268-5

R.T.: 9.000 min
Delta R.T.: -0.005 min
Response: 161061
Conc: 13.34 ng/ml