

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0091018\
 Data File : P0048882.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 10 Sep 2018 16:19
 Operator : SM/SJ
 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: Sep 10 16:33:11 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0090418.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Sep 06 03:44:31 2018
 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...	4.399	3.529	3581101	9268885	29.680	59.300 #
2)	SA Decachlor...	10.117	8.465	5209416	5979324	37.336	40.441
Target Compounds							
3)	L1 AR-1016-1	5.139	4.191	321303	2437588	98.954	562.474 #
4)	L1 AR-1016-2	5.304	4.598	1602329	3497325	465.898	543.132
5)	L1 AR-1016-3	5.594	4.617	3382967	4668258	670.002	552.867
6)	L1 AR-1016-4	5.656	4.671	2098542	3148028	455.942	535.871
7)	L1 AR-1016-5	6.091	5.041	935885	3296395	241.137	637.623 #
8)	L2 AR-1221-1	4.697	3.739	163634	280801	105.386	131.168
9)	L2 AR-1221-2	4.697	3.823	163634	469804	136.829	289.835 #
10)	L2 AR-1221-3	0.000	3.898	0	1715408	N.D.	348.333 #
11)	L3 AR-1232-1	5.656	4.380	2098542	2489263	756.479	1291.134 #
12)	L3 AR-1232-2	5.756	4.494	756074	772781	509.265	1163.162 #
13)	L3 AR-1232-3	5.928	4.872	308	2344367	0.716	1346.166 #
14)	L3 AR-1232-4	6.259	5.189	962662	3171101	2430.019	1714.849 #
15)	L3 AR-1232-5	7.174	5.805	4336713	599322	18449.546	2392.027 #
16)	L4 AR-1242-1	5.197	4.211	159142	1353434	106.785	689.600 #
17)	L4 AR-1242-2	5.928	4.790	308	2527093	0.107	624.658 #
18)	L4 AR-1242-3	6.135	4.904	845600	815527	590.853	569.596
19)	L4 AR-1242-4	6.192	5.259	2575227	1413298	2333.419	1167.693 #
20)	L4 AR-1242-5	6.259	5.626	962662	78432	253.247	25.366 #
21)	L5 AR-1248-1	5.889	4.831	-442838	1879186	N.D.	353.901 #
22)	L5 AR-1248-2	6.492	5.390	888208	3181787	169.718	331.328 #
23)	L5 AR-1248-3	6.492	5.429	888208	1109342	130.483	163.003
24)	L5 AR-1248-4	6.579	5.600	290309	76432	44.093	12.581 #
25)	L5 AR-1248-5	0.000	5.951	0	3784568	N.D.	813.154 #
26)	L6 AR-1254-1	6.644	5.535	1616443	2019604	142.675	199.031 #
27)	L6 AR-1254-2	6.956	5.846	837453	824680	114.023	93.486
28)	L6 AR-1254-3	7.068	6.161	2890293	487205	226.953	44.202 #
29)	L6 AR-1254-4	7.362	6.482	974451	674036	100.509	82.985
30)	L6 AR-1254-5	7.592	6.575	335721	6534936	43.438	431.179 #
31)	L7 AR-1260-1	7.249	6.064	180125	5056259	21.863	485.701 #
32)	L7 AR-1260-2	7.476	6.250	1449837	6432819	147.543	513.696 #
33)	L7 AR-1260-3	7.746	6.403	572994	5601228	48.021	472.107 #
34)	L7 AR-1260-4	8.097	6.871	1623712	4263206	189.178	450.606 #
35)	L7 AR-1260-5	8.386	7.111	363480	9620092	21.894	443.019 #
36)	L8 AR-1262-1	7.121	5.951	692108	3784568	141.747	687.535 #
37)	L8 AR-1262-2	7.848	6.666	1629980	2349220	375.140	433.816
38)	L8 AR-1262-3	8.152	6.968	718993	2513298	147.996	421.327 #
39)	L8 AR-1262-4	0.000	7.393	0	2158359	N.D.	243.148 #
40)	L8 AR-1262-5	9.468	7.946	192264	2091129	28.629	276.467 #
41)	L9 AR-1268-1	7.848	6.614	1629980	4628051	381.629	848.049 #

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 Operator : SM/SJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

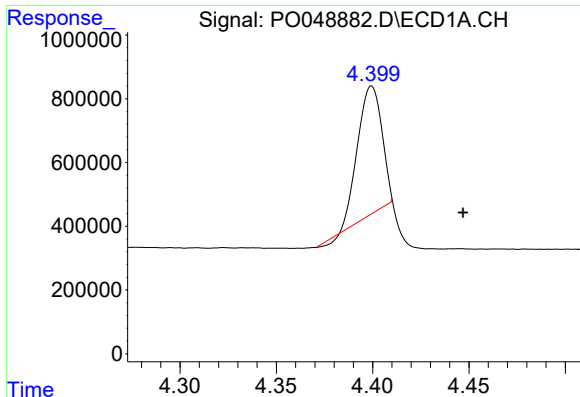
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 10 16:33:11 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0090418.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	8.097	7.456	1623712	6921238	297.648	291.116
43) L9	AR-1268-3	8.711	7.663	2631823	102852	119.047	5.254 #
44) L9	AR-1268-4	9.054	7.753	202698	103389	11.902	18.407 #
45) L9	AR-1268-5	0.000	8.223	0	577434	N.D.	10.590 #

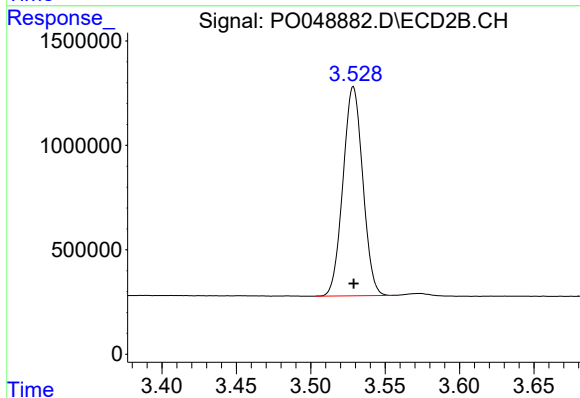
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

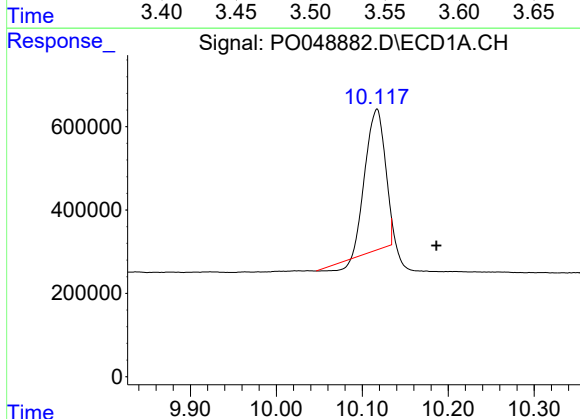
R.T.: 4.399 min
Delta R.T.: -0.048 min
Response: 3581101
Conc: 29.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



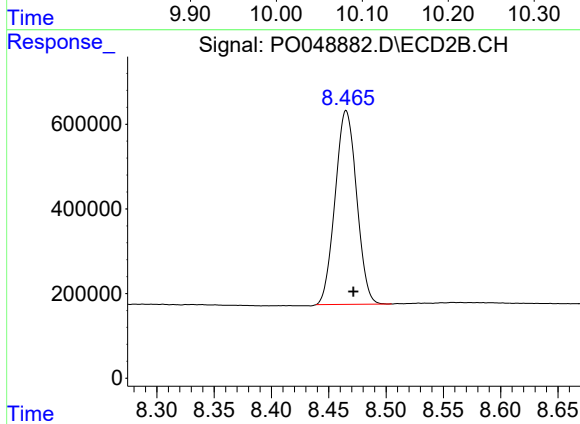
#1 Tetrachloro-m-xylene

R.T.: 3.529 min
Delta R.T.: 0.000 min
Response: 9268885
Conc: 59.30 ng/ml



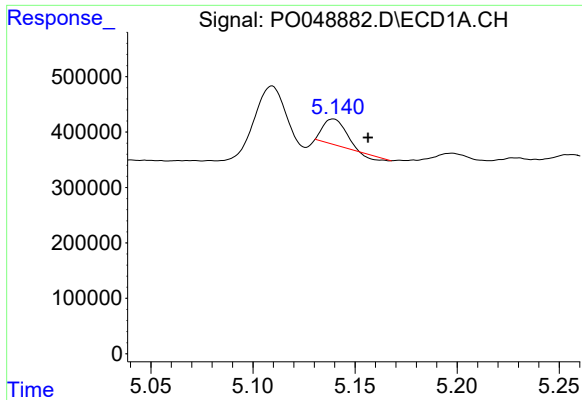
#2 Decachlorobiphenyl

R.T.: 10.117 min
Delta R.T.: -0.069 min
Response: 5209416
Conc: 37.34 ng/ml



#2 Decachlorobiphenyl

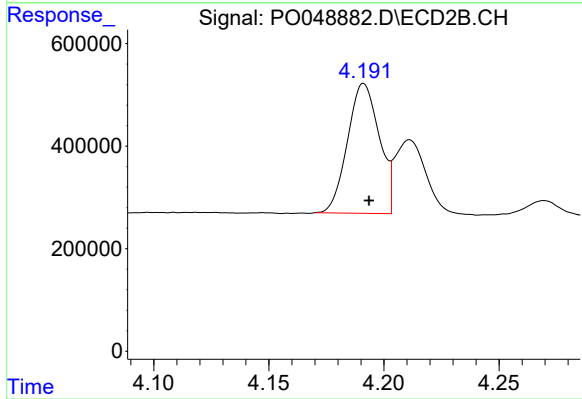
R.T.: 8.465 min
Delta R.T.: -0.006 min
Response: 5979324
Conc: 40.44 ng/ml



#3 AR-1016-1

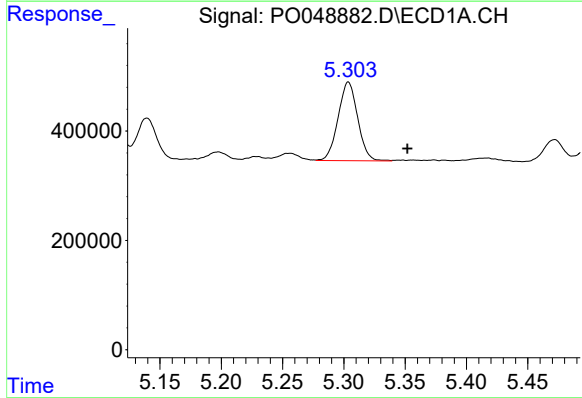
R.T.: 5.139 min
Delta R.T.: -0.017 min
Response: 321303
Conc: 98.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



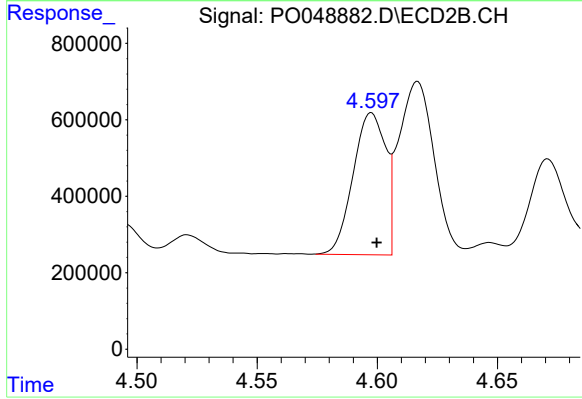
#3 AR-1016-1

R.T.: 4.191 min
Delta R.T.: -0.002 min
Response: 2437588
Conc: 562.47 ng/ml



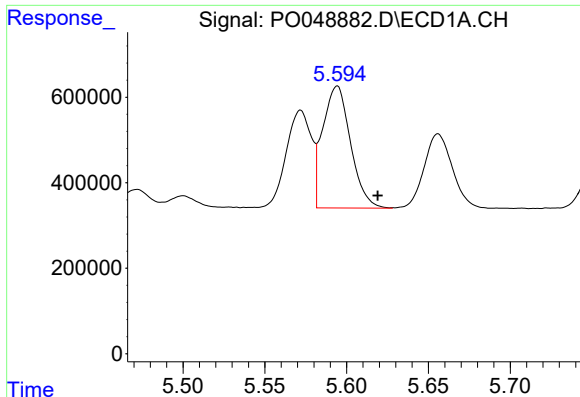
#4 AR-1016-2

R.T.: 5.304 min
Delta R.T.: -0.048 min
Response: 1602329
Conc: 465.90 ng/ml



#4 AR-1016-2

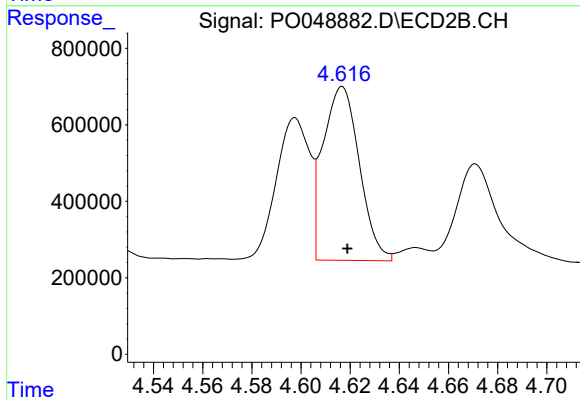
R.T.: 4.598 min
Delta R.T.: -0.002 min
Response: 3497325
Conc: 543.13 ng/ml



#5 AR-1016-3

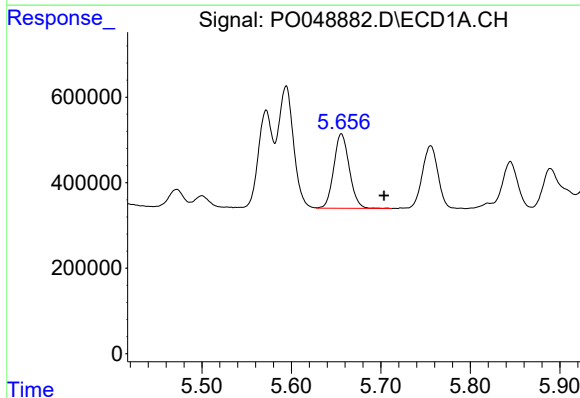
R.T.: 5.594 min
Delta R.T.: -0.025 min
Response: 3382967
Conc: 670.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



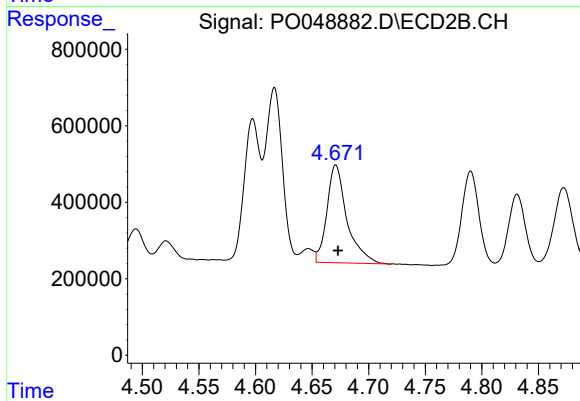
#5 AR-1016-3

R.T.: 4.617 min
Delta R.T.: -0.002 min
Response: 4668258
Conc: 552.87 ng/ml



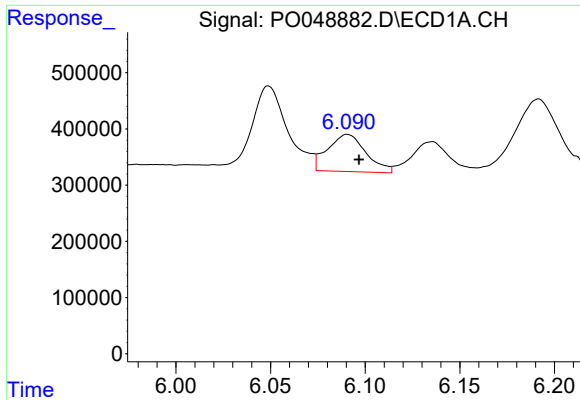
#6 AR-1016-4

R.T.: 5.656 min
Delta R.T.: -0.048 min
Response: 2098542
Conc: 455.94 ng/ml



#6 AR-1016-4

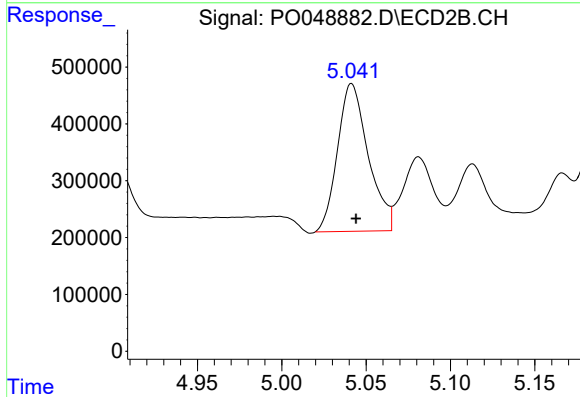
R.T.: 4.671 min
Delta R.T.: -0.002 min
Response: 3148028
Conc: 535.87 ng/ml



#7 AR-1016-5

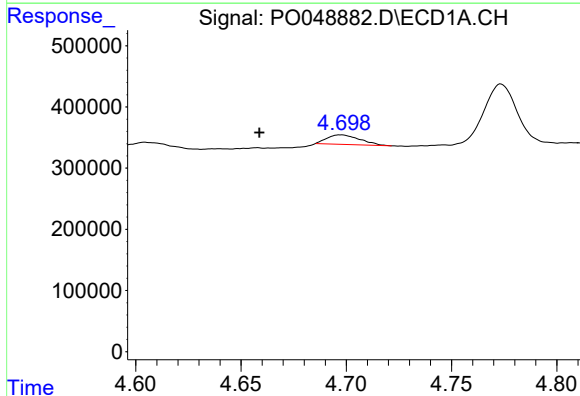
R.T.: 6.091 min
Delta R.T.: -0.006 min
Response: 935885
Conc: 241.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



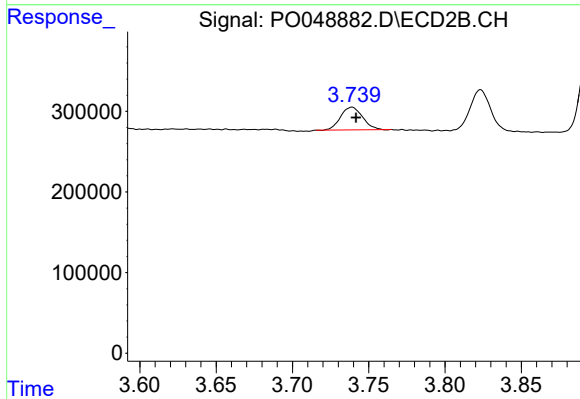
#7 AR-1016-5

R.T.: 5.041 min
Delta R.T.: -0.003 min
Response: 3296395
Conc: 637.62 ng/ml



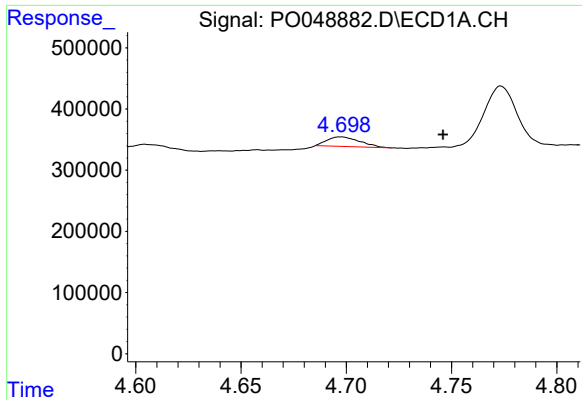
#8 AR-1221-1

R.T.: 4.697 min
Delta R.T.: 0.039 min
Response: 163634
Conc: 105.39 ng/ml



#8 AR-1221-1

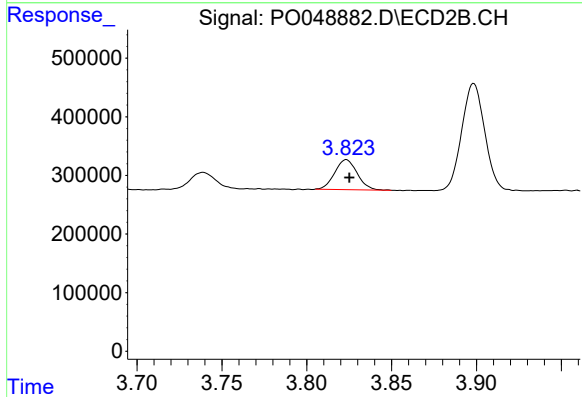
R.T.: 3.739 min
Delta R.T.: -0.003 min
Response: 280801
Conc: 131.17 ng/ml



#9 AR-1221-2

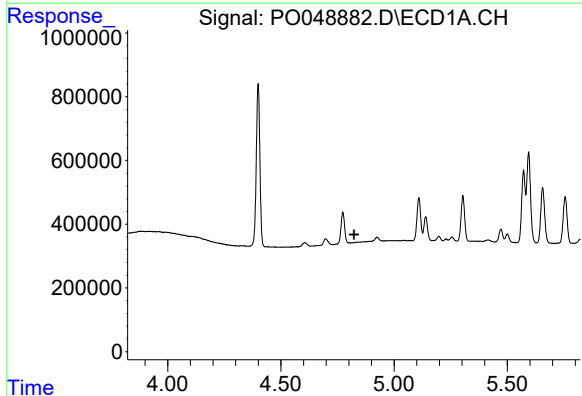
R.T.: 4.697 min
Delta R.T.: -0.049 min
Response: 163634
Conc: 136.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



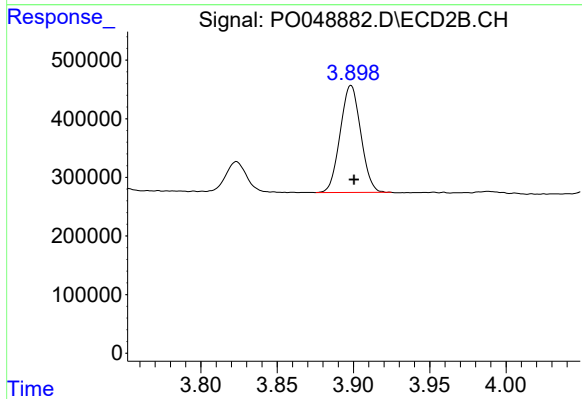
#9 AR-1221-2

R.T.: 3.823 min
Delta R.T.: -0.002 min
Response: 469804
Conc: 289.83 ng/ml



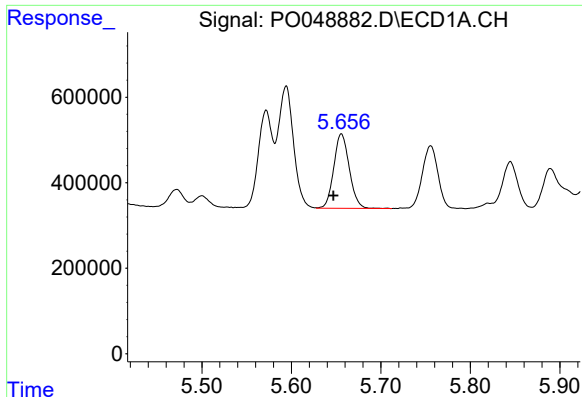
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.823 min
Response: 0
Conc: N.D.



#10 AR-1221-3

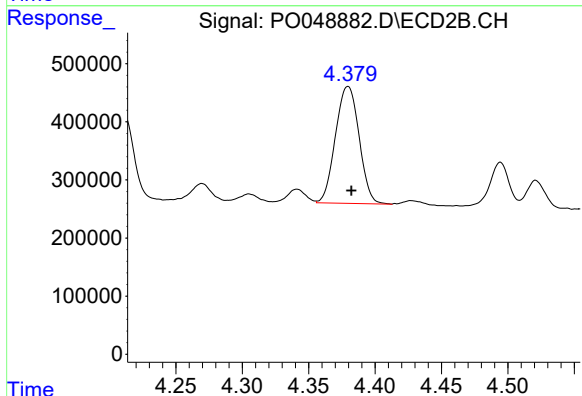
R.T.: 3.898 min
Delta R.T.: -0.002 min
Response: 1715408
Conc: 348.33 ng/ml



#11 AR-1232-1

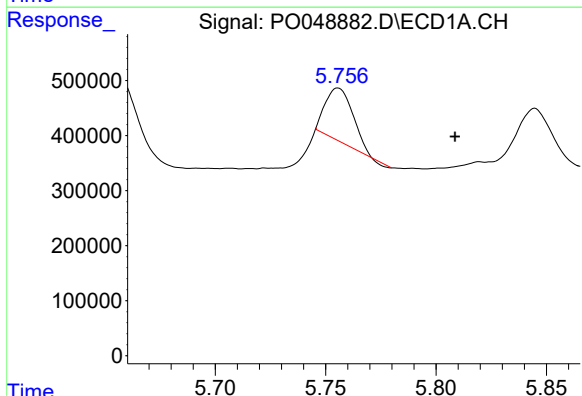
R.T.: 5.656 min
Delta R.T.: 0.009 min
Response: 2098542
Conc: 756.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



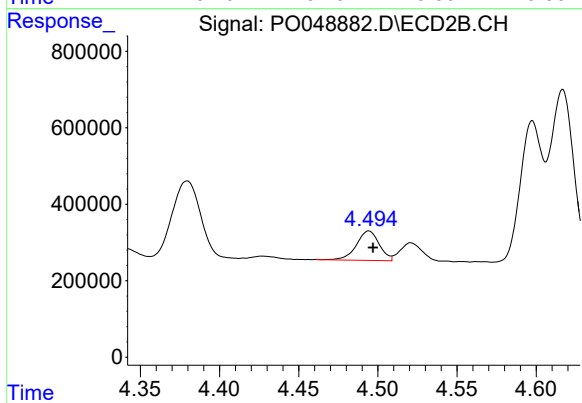
#11 AR-1232-1

R.T.: 4.380 min
Delta R.T.: -0.003 min
Response: 2489263
Conc: 1291.13 ng/ml



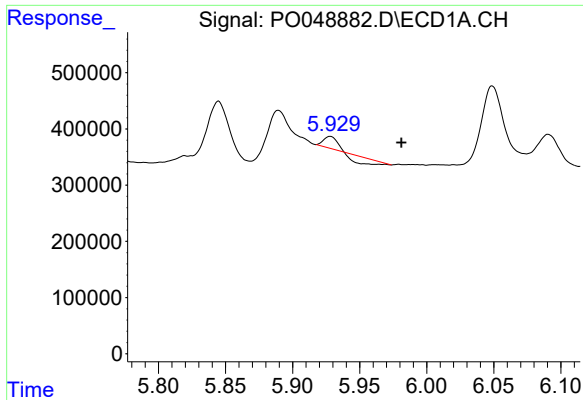
#12 AR-1232-2

R.T.: 5.756 min
Delta R.T.: -0.053 min
Response: 756074
Conc: 509.27 ng/ml



#12 AR-1232-2

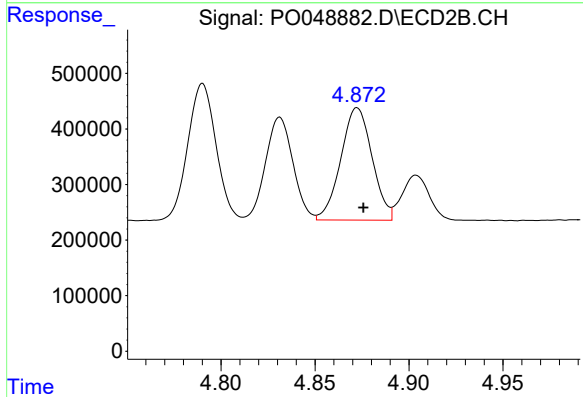
R.T.: 4.494 min
Delta R.T.: -0.003 min
Response: 772781
Conc: 1163.16 ng/ml



#13 AR-1232-3

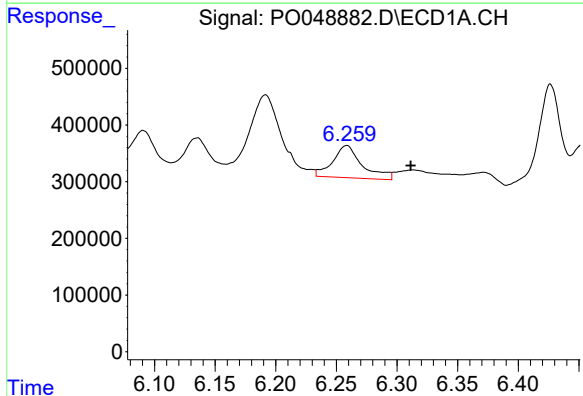
R.T.: 5.928 min
Delta R.T.: -0.053 min
Response: 308
Conc: 0.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



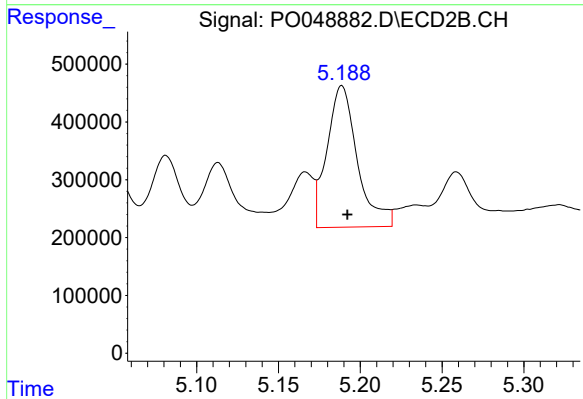
#13 AR-1232-3

R.T.: 4.872 min
Delta R.T.: -0.003 min
Response: 2344367
Conc: 1346.17 ng/ml



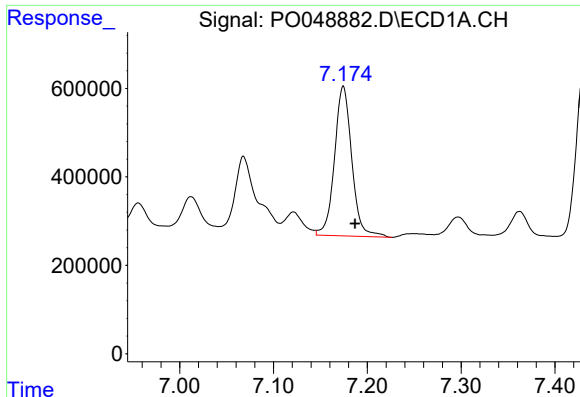
#14 AR-1232-4

R.T.: 6.259 min
Delta R.T.: -0.053 min
Response: 962662
Conc: 2430.02 ng/ml



#14 AR-1232-4

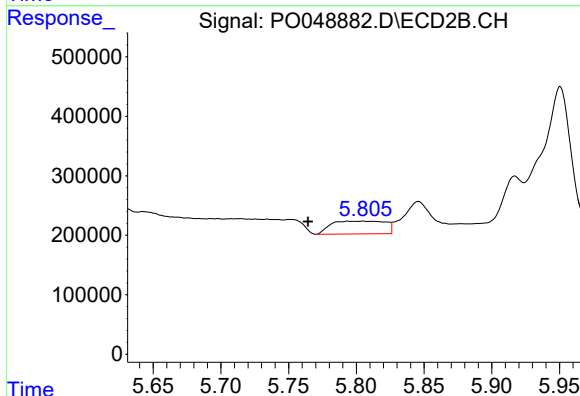
R.T.: 5.189 min
Delta R.T.: -0.003 min
Response: 3171101
Conc: 1714.85 ng/ml



#15 AR-1232-5

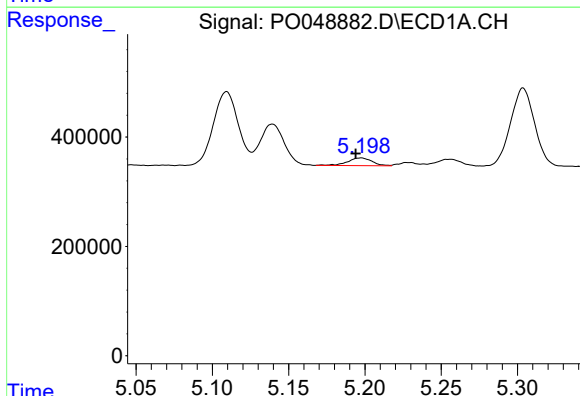
R.T.: 7.174 min
Delta R.T.: -0.013 min
Response: 4336713
Conc: 18449.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



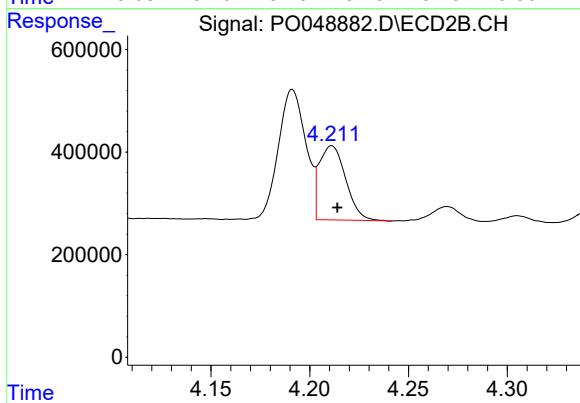
#15 AR-1232-5

R.T.: 5.805 min
Delta R.T.: 0.041 min
Response: 599322
Conc: 2392.03 ng/ml



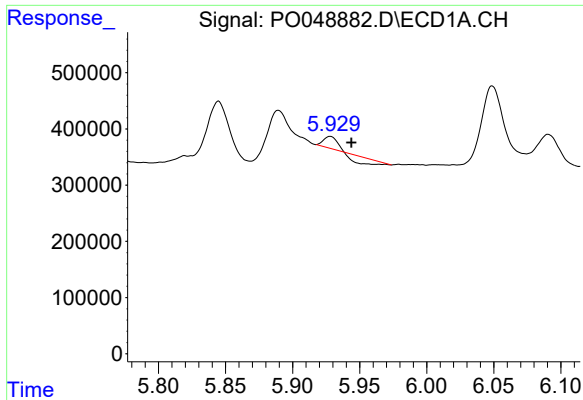
#16 AR-1242-1

R.T.: 5.197 min
Delta R.T.: 0.003 min
Response: 159142
Conc: 106.78 ng/ml



#16 AR-1242-1

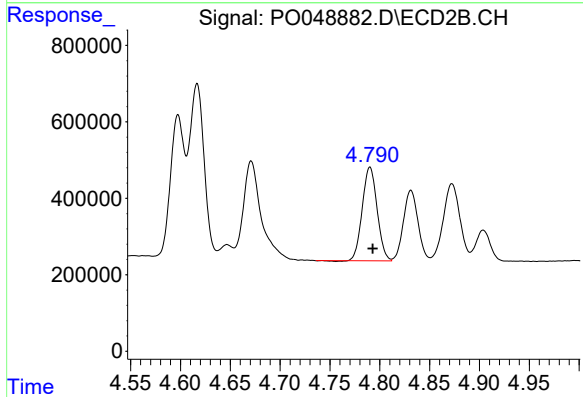
R.T.: 4.211 min
Delta R.T.: -0.003 min
Response: 1353434
Conc: 689.60 ng/ml



#17 AR-1242-2

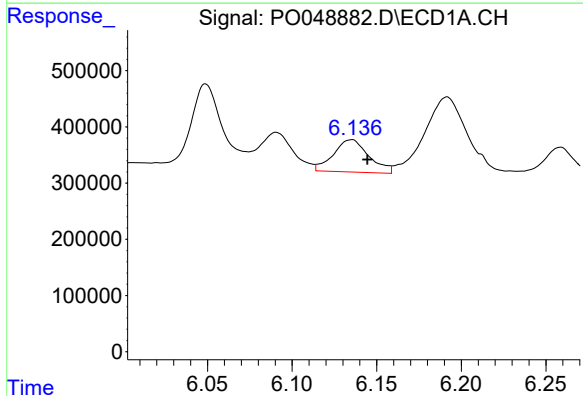
R.T.: 5.928 min
Delta R.T.: -0.016 min
Response: 308
Conc: 0.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



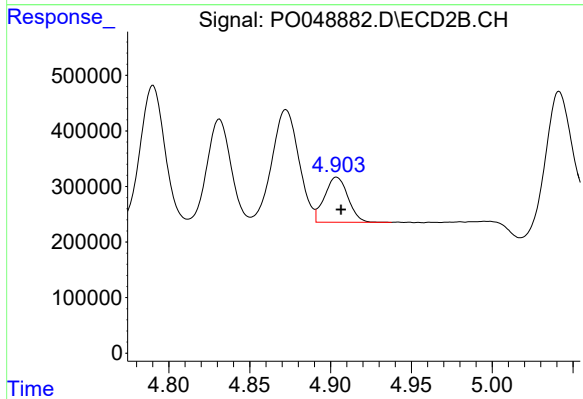
#17 AR-1242-2

R.T.: 4.790 min
Delta R.T.: -0.003 min
Response: 2527093
Conc: 624.66 ng/ml



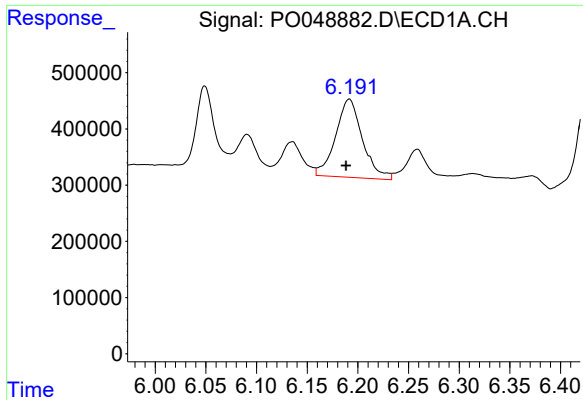
#18 AR-1242-3

R.T.: 6.135 min
Delta R.T.: -0.009 min
Response: 845600
Conc: 590.85 ng/ml



#18 AR-1242-3

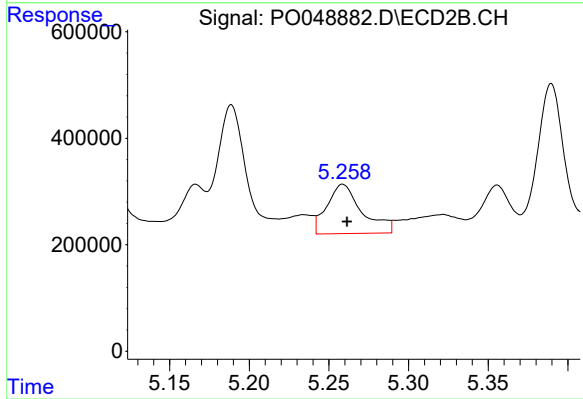
R.T.: 4.904 min
Delta R.T.: -0.003 min
Response: 815527
Conc: 569.60 ng/ml



#19 AR-1242-4

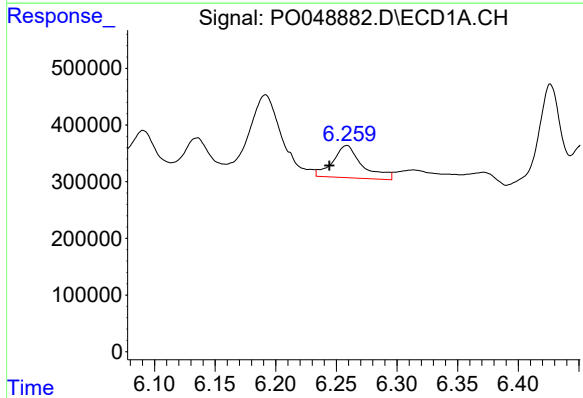
R.T.: 6.192 min
Delta R.T.: 0.003 min
Response: 2575227
Conc: 2333.42 ng/ml

Instrument :
ECD_O
ClientSampleId :



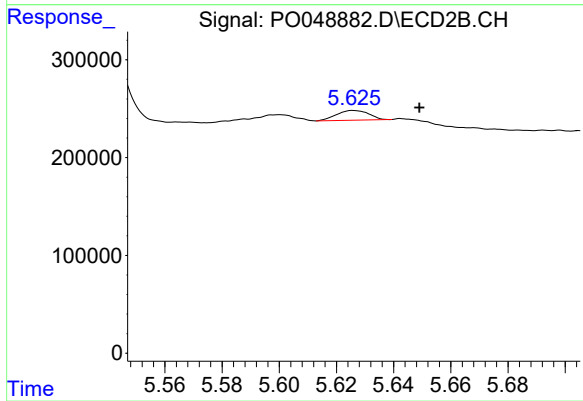
#19 AR-1242-4

R.T.: 5.259 min
Delta R.T.: -0.003 min
Response: 1413298
Conc: 1167.69 ng/ml



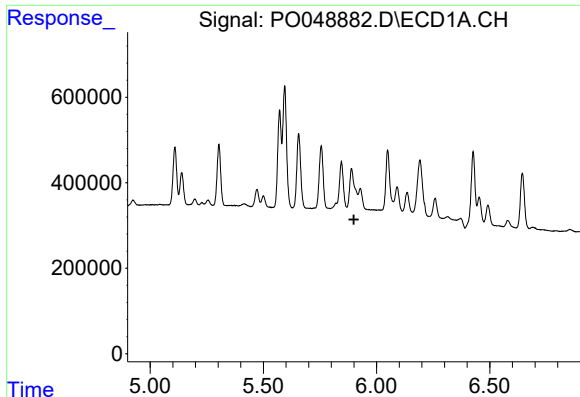
#20 AR-1242-5

R.T.: 6.259 min
Delta R.T.: 0.014 min
Response: 962662
Conc: 253.25 ng/ml



#20 AR-1242-5

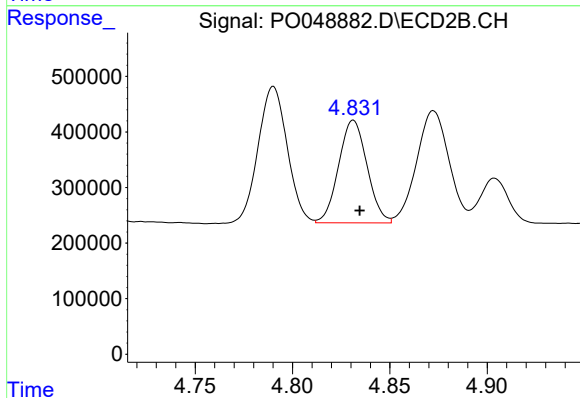
R.T.: 5.626 min
Delta R.T.: -0.023 min
Response: 78432
Conc: 25.37 ng/ml



#21 AR-1248-1

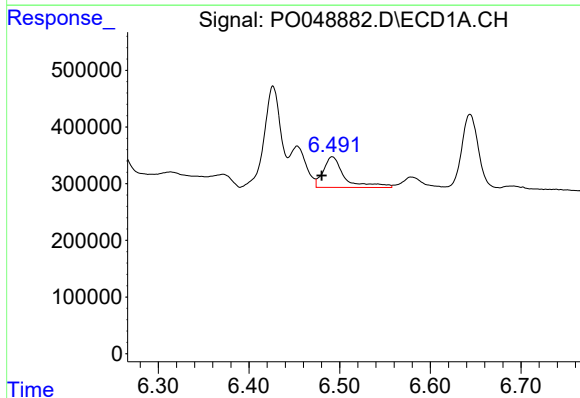
R.T.: 5.889 min
Delta R.T.: -0.010 min
Response: -442838
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



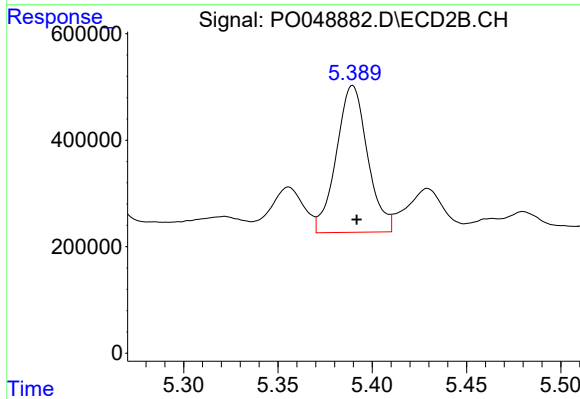
#21 AR-1248-1

R.T.: 4.831 min
Delta R.T.: -0.003 min
Response: 1879186
Conc: 353.90 ng/ml



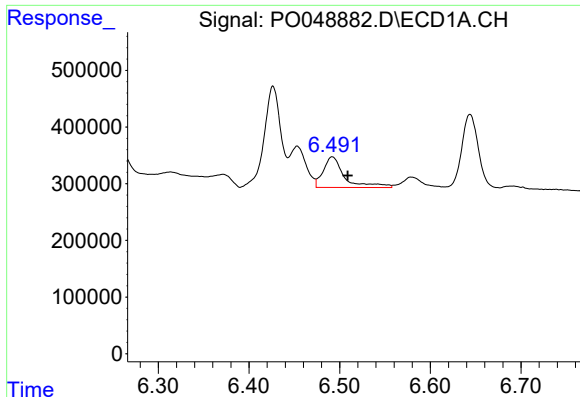
#22 AR-1248-2

R.T.: 6.492 min
Delta R.T.: 0.012 min
Response: 888208
Conc: 169.72 ng/ml



#22 AR-1248-2

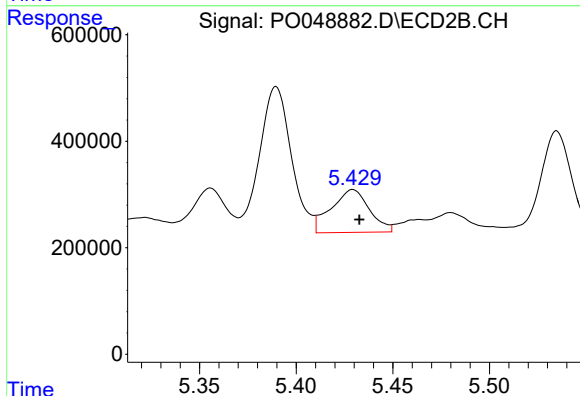
R.T.: 5.390 min
Delta R.T.: -0.002 min
Response: 3181787
Conc: 331.33 ng/ml



#23 AR-1248-3

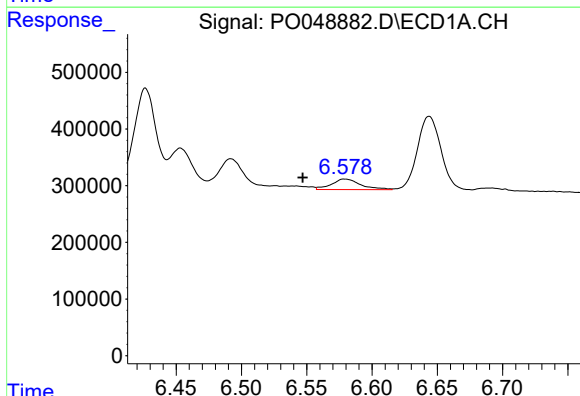
R.T.: 6.492 min
Delta R.T.: -0.017 min
Response: 888208
Conc: 130.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



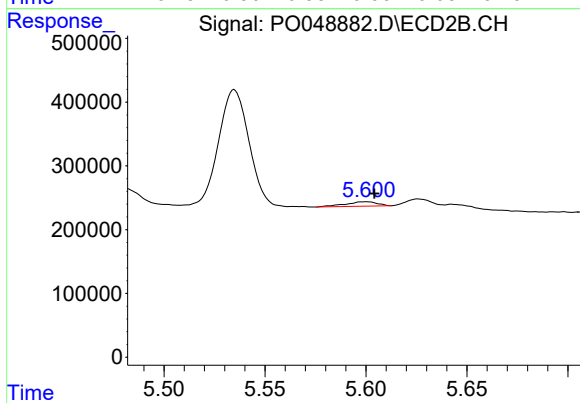
#23 AR-1248-3

R.T.: 5.429 min
Delta R.T.: -0.003 min
Response: 1109342
Conc: 163.00 ng/ml



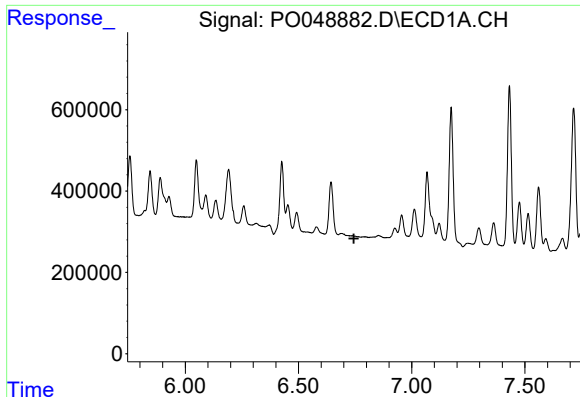
#24 AR-1248-4

R.T.: 6.579 min
Delta R.T.: 0.032 min
Response: 290309
Conc: 44.09 ng/ml



#24 AR-1248-4

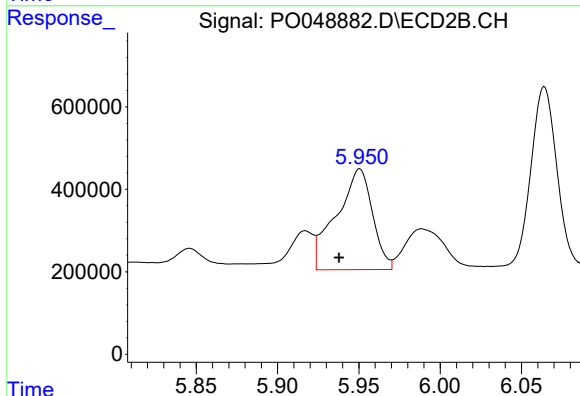
R.T.: 5.600 min
Delta R.T.: -0.004 min
Response: 76432
Conc: 12.58 ng/ml



#25 AR-1248-5

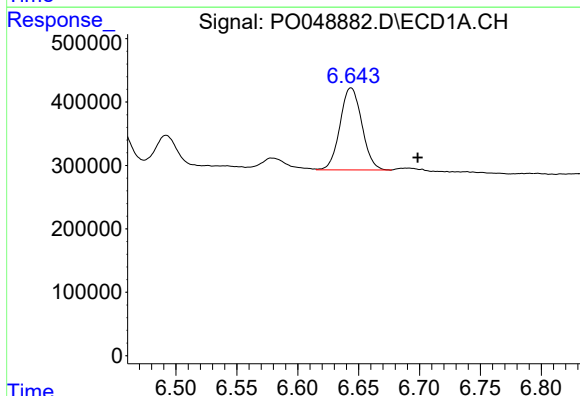
R.T.: 0.000 min
Exp R.T.: 6.745 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



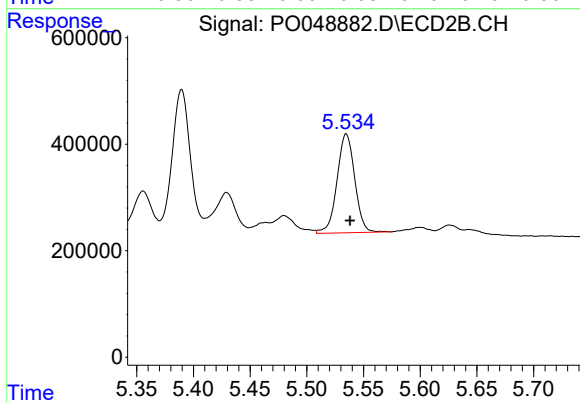
#25 AR-1248-5

R.T.: 5.951 min
Delta R.T.: 0.013 min
Response: 3784568
Conc: 813.15 ng/ml



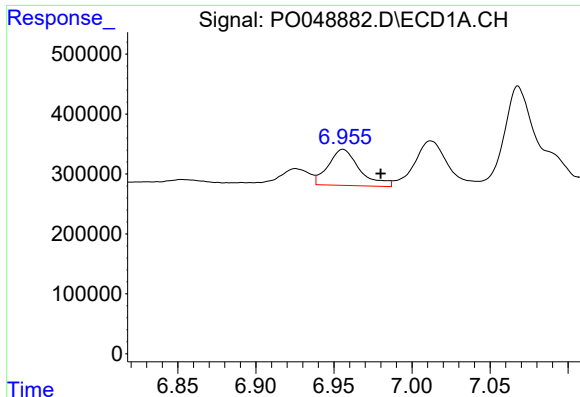
#26 AR-1254-1

R.T.: 6.644 min
Delta R.T.: -0.055 min
Response: 1616443
Conc: 142.68 ng/ml



#26 AR-1254-1

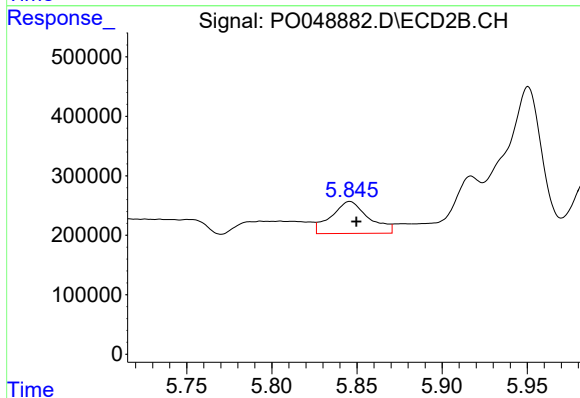
R.T.: 5.535 min
Delta R.T.: -0.004 min
Response: 2019604
Conc: 199.03 ng/ml



#27 AR-1254-2

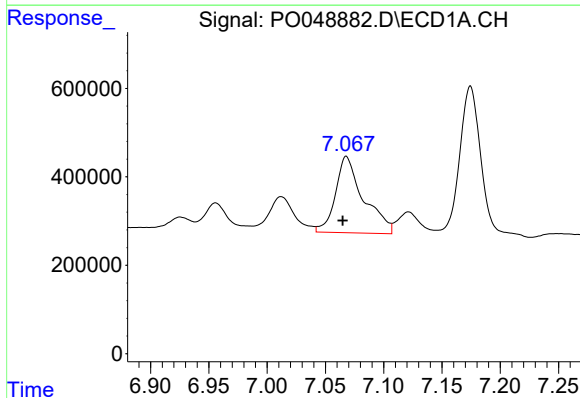
R.T.: 6.956 min
Delta R.T.: -0.024 min
Response: 837453
Conc: 114.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



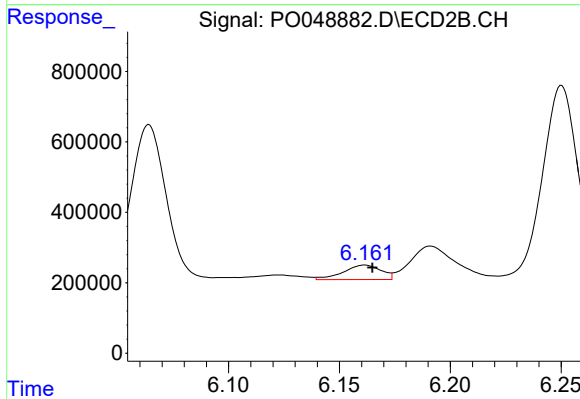
#27 AR-1254-2

R.T.: 5.846 min
Delta R.T.: -0.004 min
Response: 824680
Conc: 93.49 ng/ml



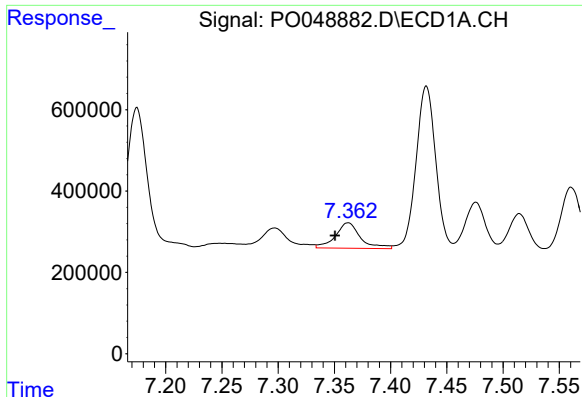
#28 AR-1254-3

R.T.: 7.068 min
Delta R.T.: 0.003 min
Response: 2890293
Conc: 226.95 ng/ml



#28 AR-1254-3

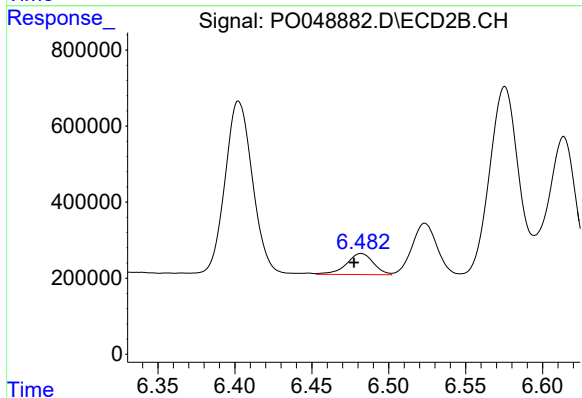
R.T.: 6.161 min
Delta R.T.: -0.003 min
Response: 487205
Conc: 44.20 ng/ml



#29 AR-1254-4

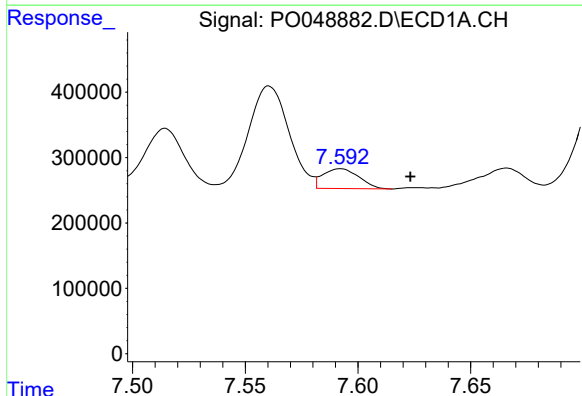
R.T.: 7.362 min
Delta R.T.: 0.012 min
Response: 974451
Conc: 100.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



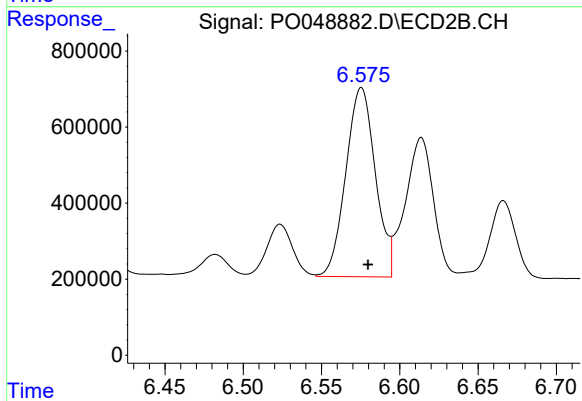
#29 AR-1254-4

R.T.: 6.482 min
Delta R.T.: 0.005 min
Response: 674036
Conc: 82.98 ng/ml



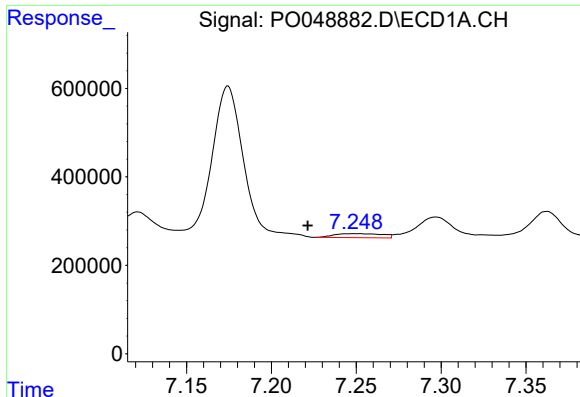
#30 AR-1254-5

R.T.: 7.592 min
Delta R.T.: -0.031 min
Response: 335721
Conc: 43.44 ng/ml



#30 AR-1254-5

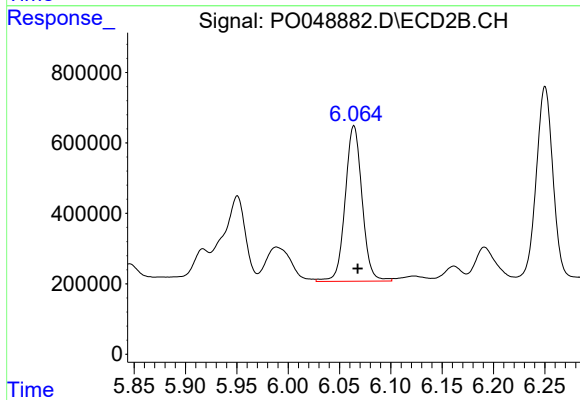
R.T.: 6.575 min
Delta R.T.: -0.004 min
Response: 6534936
Conc: 431.18 ng/ml



#31 AR-1260-1

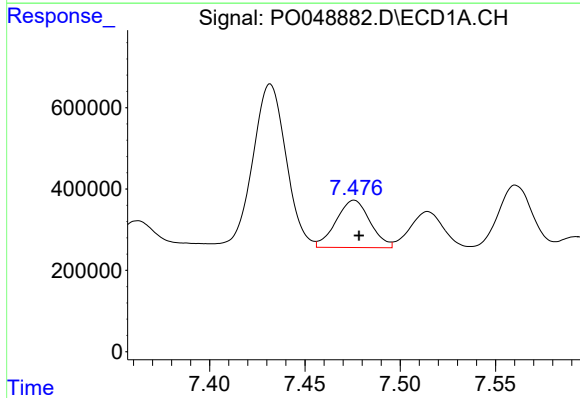
R.T.: 7.249 min
Delta R.T.: 0.028 min
Response: 180125
Conc: 21.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



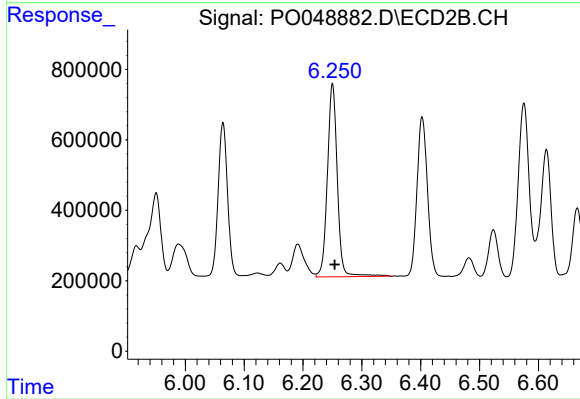
#31 AR-1260-1

R.T.: 6.064 min
Delta R.T.: -0.004 min
Response: 5056259
Conc: 485.70 ng/ml



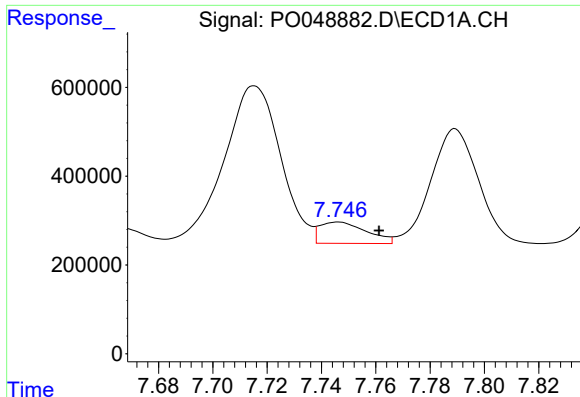
#32 AR-1260-2

R.T.: 7.476 min
Delta R.T.: -0.003 min
Response: 1449837
Conc: 147.54 ng/ml



#32 AR-1260-2

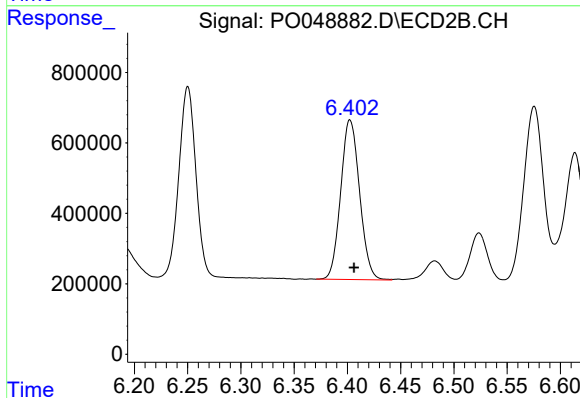
R.T.: 6.250 min
Delta R.T.: -0.004 min
Response: 6432819
Conc: 513.70 ng/ml



#33 AR-1260-3

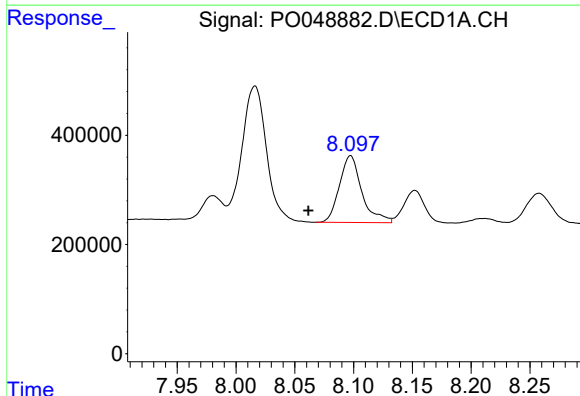
R.T.: 7.746 min
Delta R.T.: -0.015 min
Response: 572994
Conc: 48.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



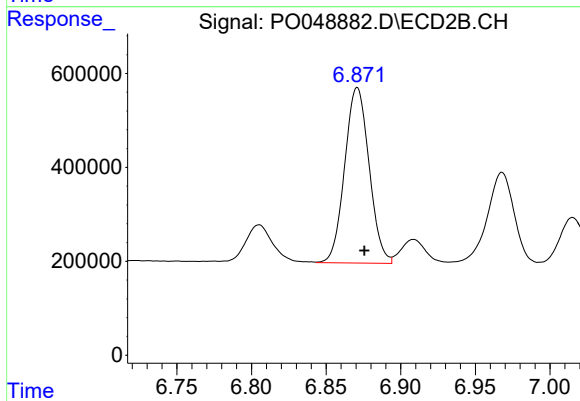
#33 AR-1260-3

R.T.: 6.403 min
Delta R.T.: -0.004 min
Response: 5601228
Conc: 472.11 ng/ml



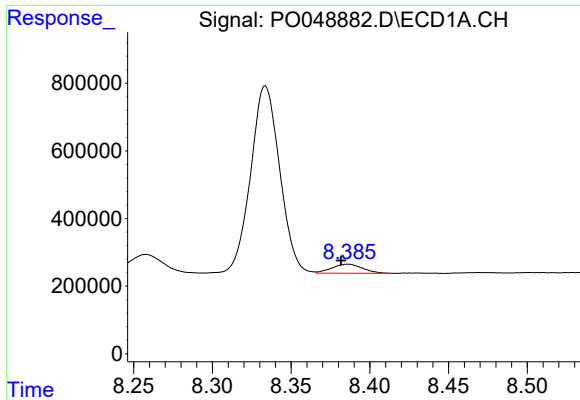
#34 AR-1260-4

R.T.: 8.097 min
Delta R.T.: 0.036 min
Response: 1623712
Conc: 189.18 ng/ml



#34 AR-1260-4

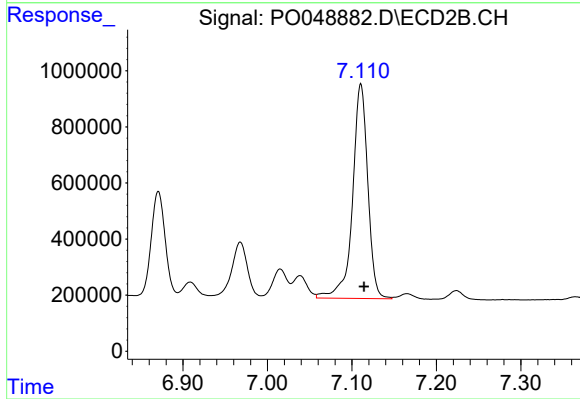
R.T.: 6.871 min
Delta R.T.: -0.005 min
Response: 4263206
Conc: 450.61 ng/ml



#35 AR-1260-5

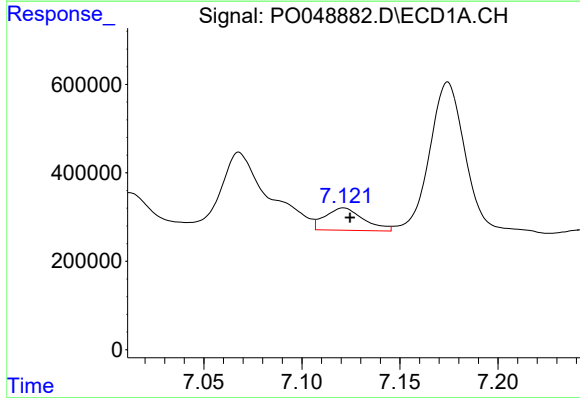
R.T.: 8.386 min
Delta R.T.: 0.004 min
Response: 363480
Conc: 21.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



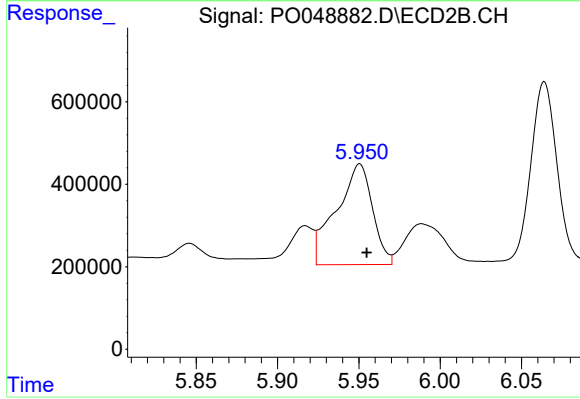
#35 AR-1260-5

R.T.: 7.111 min
Delta R.T.: -0.004 min
Response: 9620092
Conc: 443.02 ng/ml



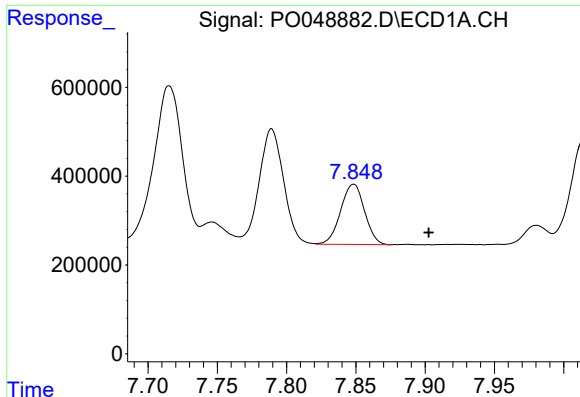
#36 AR-1262-1

R.T.: 7.121 min
Delta R.T.: -0.003 min
Response: 692108
Conc: 141.75 ng/ml



#36 AR-1262-1

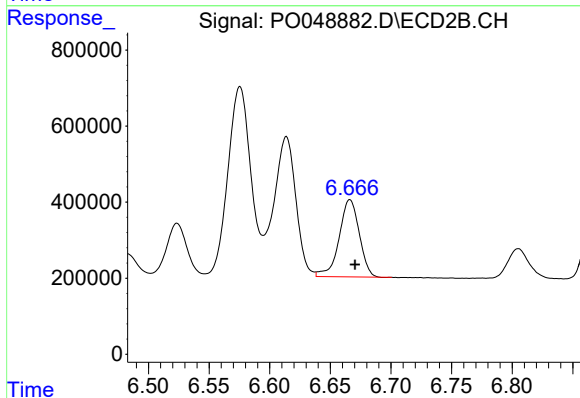
R.T.: 5.951 min
Delta R.T.: -0.004 min
Response: 3784568
Conc: 687.54 ng/ml



#37 AR-1262-2

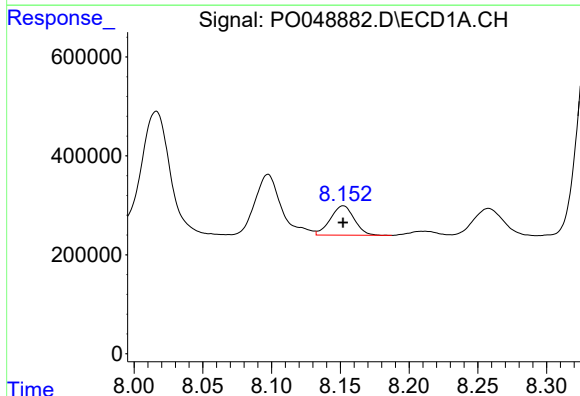
R.T.: 7.848 min
Delta R.T.: -0.054 min
Response: 1629980
Conc: 375.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



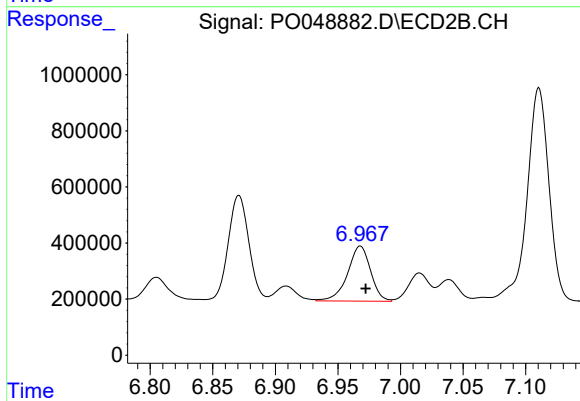
#37 AR-1262-2

R.T.: 6.666 min
Delta R.T.: -0.004 min
Response: 2349220
Conc: 433.82 ng/ml



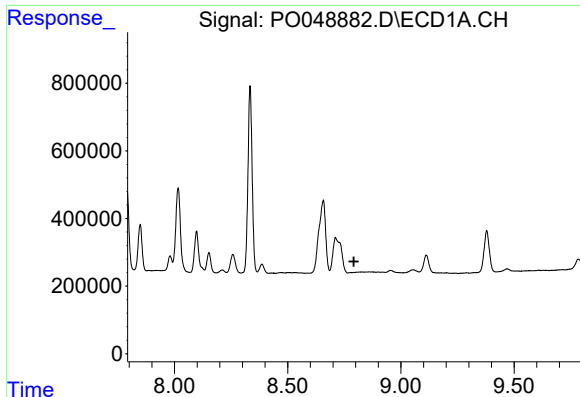
#38 AR-1262-3

R.T.: 8.152 min
Delta R.T.: 0.000 min
Response: 718993
Conc: 148.00 ng/ml



#38 AR-1262-3

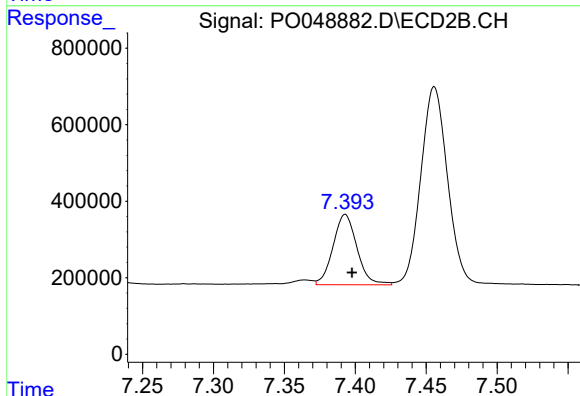
R.T.: 6.968 min
Delta R.T.: -0.004 min
Response: 2513298
Conc: 421.33 ng/ml



#39 AR-1262-4

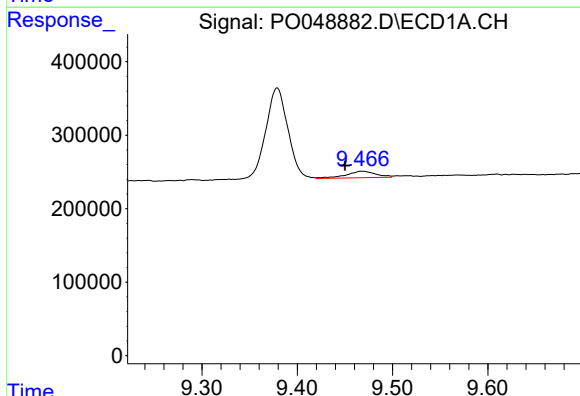
R.T.: 0.000 min
Exp R.T.: 8.792 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



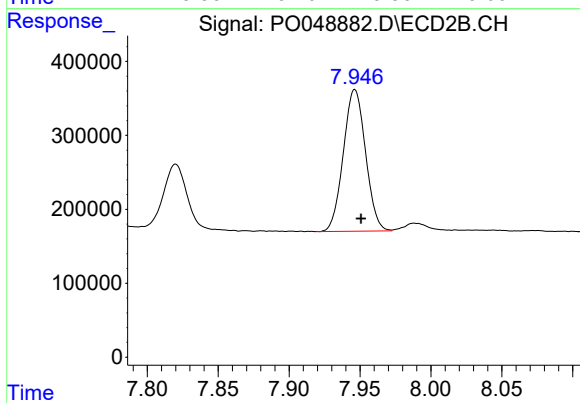
#39 AR-1262-4

R.T.: 7.393 min
Delta R.T.: -0.005 min
Response: 2158359
Conc: 243.15 ng/ml



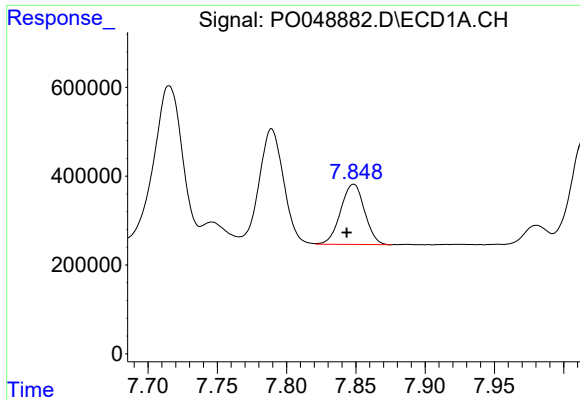
#40 AR-1262-5

R.T.: 9.468 min
Delta R.T.: 0.018 min
Response: 192264
Conc: 28.63 ng/ml



#40 AR-1262-5

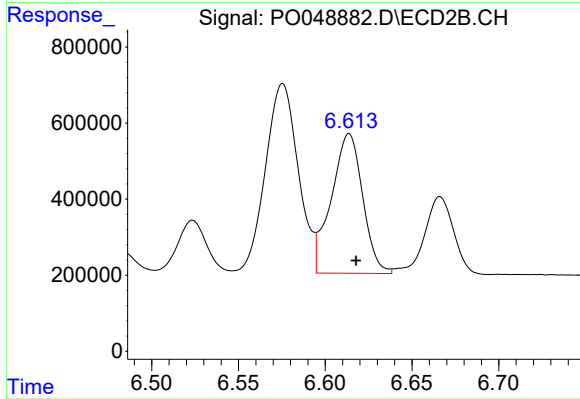
R.T.: 7.946 min
Delta R.T.: -0.004 min
Response: 2091129
Conc: 276.47 ng/ml



#41 AR-1268-1

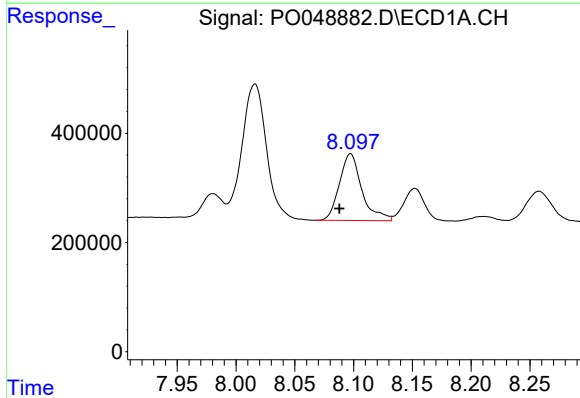
R.T.: 7.848 min
Delta R.T.: 0.005 min
Response: 1629980
Conc: 381.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



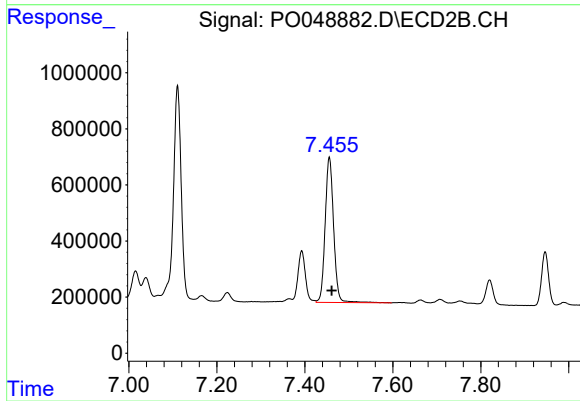
#41 AR-1268-1

R.T.: 6.614 min
Delta R.T.: -0.004 min
Response: 4628051
Conc: 848.05 ng/ml



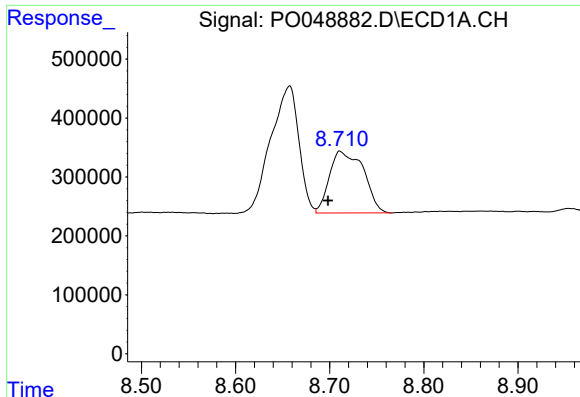
#42 AR-1268-2

R.T.: 8.097 min
Delta R.T.: 0.009 min
Response: 1623712
Conc: 297.65 ng/ml



#42 AR-1268-2

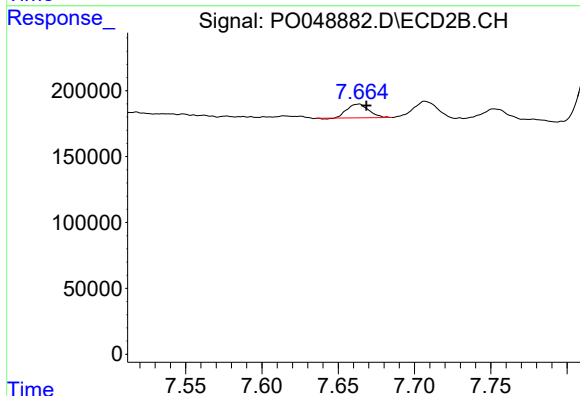
R.T.: 7.456 min
Delta R.T.: -0.005 min
Response: 6921238
Conc: 291.12 ng/ml



#43 AR-1268-3

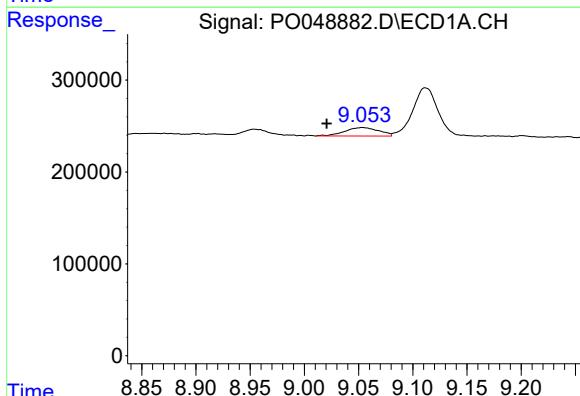
R.T.: 8.711 min
Delta R.T.: 0.013 min
Response: 2631823
Conc: 119.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



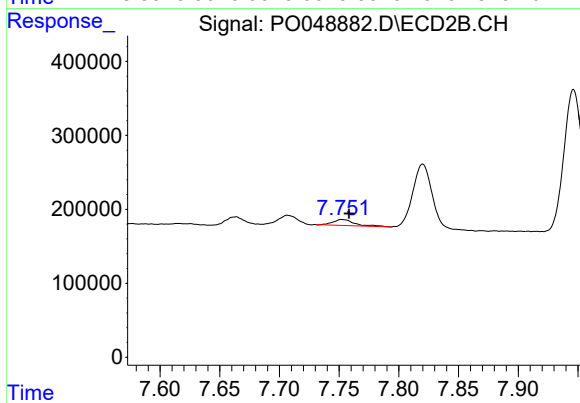
#43 AR-1268-3

R.T.: 7.663 min
Delta R.T.: -0.005 min
Response: 102852
Conc: 5.25 ng/ml



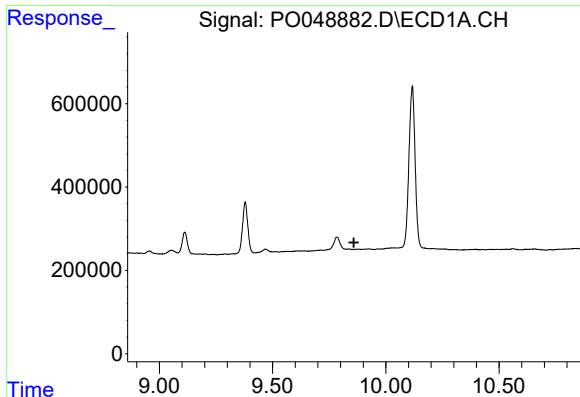
#44 AR-1268-4

R.T.: 9.054 min
Delta R.T.: 0.033 min
Response: 202698
Conc: 11.90 ng/ml



#44 AR-1268-4

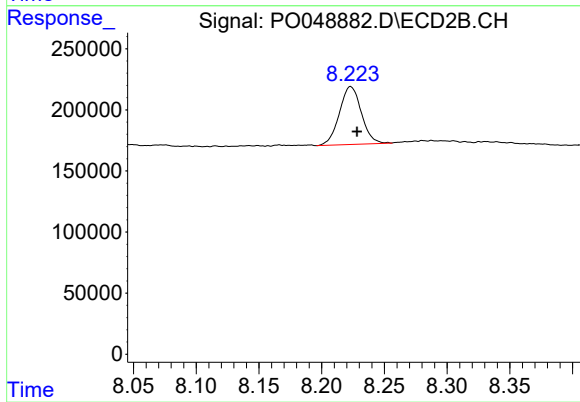
R.T.: 7.753 min
Delta R.T.: -0.006 min
Response: 103389
Conc: 18.41 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 9.859 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.223 min
Delta R.T.: -0.005 min
Response: 577434
Conc: 10.59 ng/ml