

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0061219\
 Data File : P0057108.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 12 Jun 2019 18:18
 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: Jun 13 00:49:52 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0052319.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri May 24 00:11:05 2019
 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...	4.240	3.562	2290540	1856138	59.831	56.283
2)	SA Decachlor...	9.800	8.487	2452874	1729542	49.973	48.505
Target Compounds							
3)	L1 AR-1016-1	5.421	4.646	2274803	941615	1264.748	748.213 #
4)	L1 AR-1016-2	5.421	4.675	2274803	83730	905.908	46.475 #
5)	L1 AR-1016-3	5.483	4.820	830860	527137	516.931	534.652
6)	L1 AR-1016-4	5.581	4.860	683767	431469	521.244	521.197
7)	L1 AR-1016-5	5.871	5.111	697813	-11360	505.073	N.D. #
8)	L2 AR-1221-1	0.000	3.770	0	58759	N.D.	115.861 #
9)	L2 AR-1221-2	4.613	3.856	435366	85765	912.531	227.575 #
10)	L2 AR-1221-3	4.613	3.930	435366	331432	294.550	276.873
11)	L3 AR-1232-1	4.613	3.930	435366	331432	369.460	368.928
12)	L3 AR-1232-2	5.134	4.675	628664	83730	948.155	86.152 #
13)	L3 AR-1232-3	5.421	4.820	2274803	527137	1603.498	1007.347 #
14)	L3 AR-1232-4	5.581	4.932	683767	179124	971.360	363.564 #
15)	L3 AR-1232-5	5.670	5.111	580953	-11360	1027.529	N.D. #
16)	L4 AR-1242-1	5.421	4.646	2274803	941615	1318.579	760.237 #
17)	L4 AR-1242-2	5.421	4.675	2274803	83730	896.024	46.557 #
18)	L4 AR-1242-3	5.483	4.820	830860	527137	510.979	536.196
19)	L4 AR-1242-4	5.581	4.902	683767	515455	511.524	529.705
20)	L4 AR-1242-5	0.000	5.418	0	417389	N.D.	353.040 #
21)	L5 AR-1248-1	5.421	4.646	2274803	941615	1765.446	1005.442 #
22)	L5 AR-1248-2	5.670	4.860	580953	431469	311.855	339.620
23)	L5 AR-1248-3	5.871	4.902	697813	515455	340.172	394.712
25)	L5 AR-1248-5	0.000	5.458	0	101153	N.D.	61.117 #
26)	L6 AR-1254-1	0.000	5.418	0	417389	N.D.	157.819 #
27)	L6 AR-1254-2	6.461	5.564	556640	308278	143.313	143.000
28)	L6 AR-1254-3	6.826	5.977	356858	752062	86.545	205.422 #
29)	L6 AR-1254-4	0.000	6.219	0	236778	N.D.	107.776 #
30)	L6 AR-1254-5	7.526	6.639	1994861	1176390	529.753	371.073 #
31)	L7 AR-1260-1	6.986	6.092	1323936	1004517	515.917	502.163
32)	L7 AR-1260-2	7.243	6.278	1590971	1271194	526.086	515.706
33)	L7 AR-1260-3	7.598	6.430	1278445	1147189	530.684	511.401
34)	L7 AR-1260-4	7.823	6.936	1313330	106520	501.422	57.237 #
35)	L7 AR-1260-5	8.131	7.138	2431069	2307653	508.370	535.129
36)	L8 AR-1262-1	7.598	6.639	1278445	1176390	273.351	281.834
37)	L8 AR-1262-2	8.131	7.138	2431069	2307653	318.879	335.872
38)	L8 AR-1262-3	8.439	7.417	1596149	567665	304.984	192.205 #
39)	L8 AR-1262-4	8.489	7.481	1082533	1666688	253.574	319.865 #
40)	L8 AR-1262-5	9.119	7.974	740068	588661	269.345	253.499
41)	L9 AR-1268-1	8.439	7.417	1596149	567665	196.147	76.043 #
42)	L9 AR-1268-2	8.489	7.481	1082533	1666688	133.814	238.675 #

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 Acq On : 12 Jun 2019 18:18
 Operator : SM/SJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

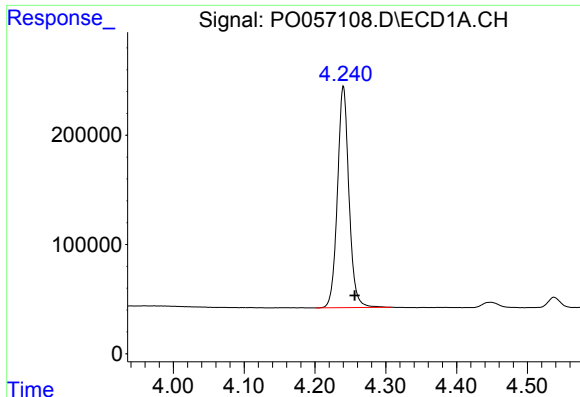
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 13 00:49:52 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0052319.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
43) L9	AR-1268-3	0.000	7.683	0	33034	N.D.	5.566 #
44) L9	AR-1268-4	9.119	7.974	740068	588661	271.378	252.184
45) L9	AR-1268-5	0.000	8.250	0	142634	N.D.	8.241 #

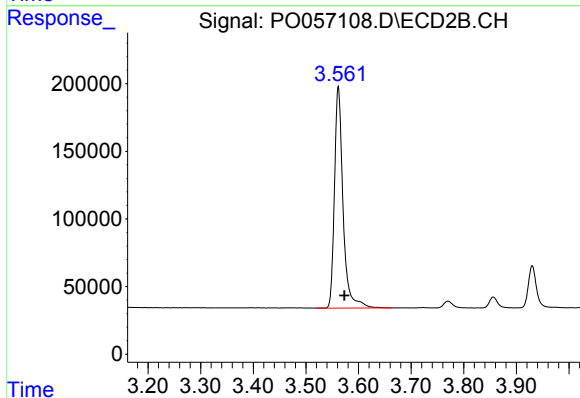
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

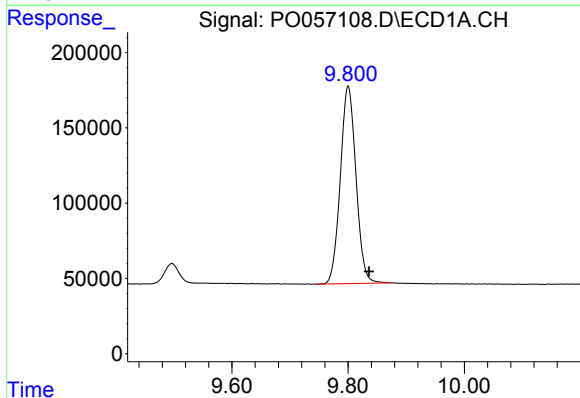
R.T.: 4.240 min
Delta R.T.: -0.016 min
Response: 2290540
Conc: 59.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



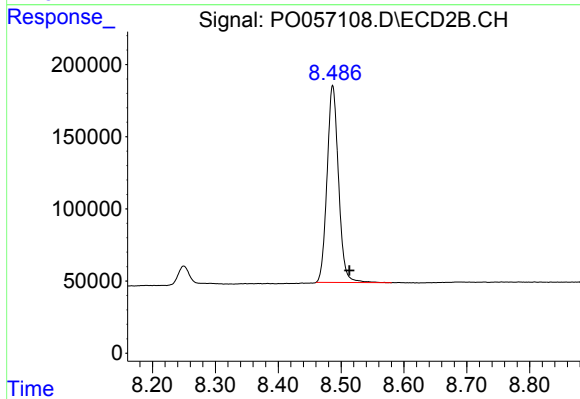
#1 Tetrachloro-m-xylene

R.T.: 3.562 min
Delta R.T.: -0.011 min
Response: 1856138
Conc: 56.28 ng/ml



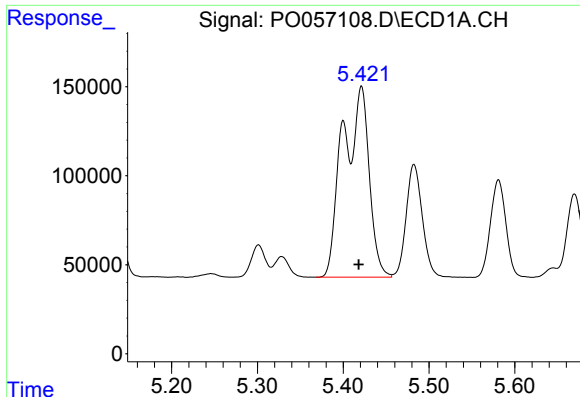
#2 Decachlorobiphenyl

R.T.: 9.800 min
Delta R.T.: -0.036 min
Response: 2452874
Conc: 49.97 ng/ml



#2 Decachlorobiphenyl

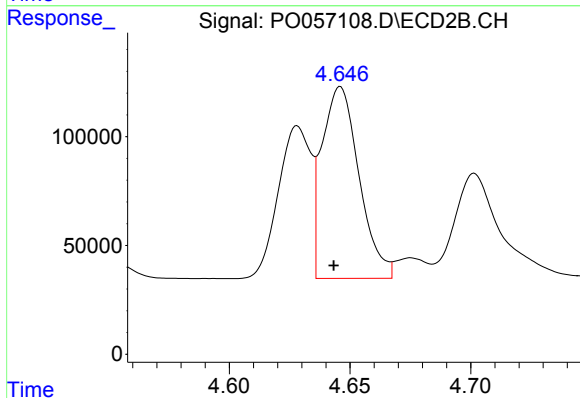
R.T.: 8.487 min
Delta R.T.: -0.026 min
Response: 1729542
Conc: 48.51 ng/ml



#3 AR-1016-1

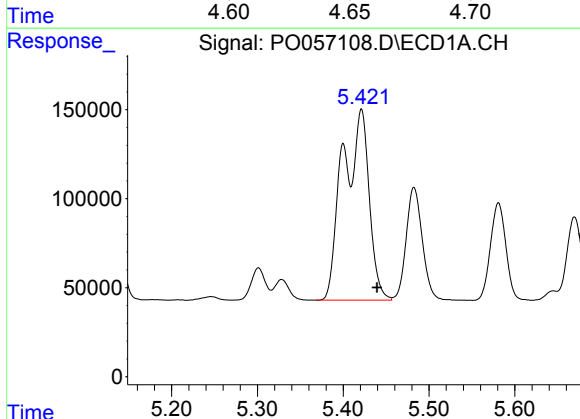
R.T.: 5.421 min
Delta R.T.: 0.003 min
Response: 2274803
Conc: 1264.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



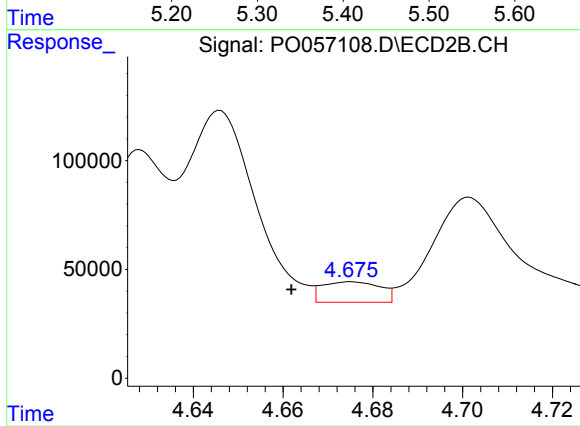
#3 AR-1016-1

R.T.: 4.646 min
Delta R.T.: 0.003 min
Response: 941615
Conc: 748.21 ng/ml



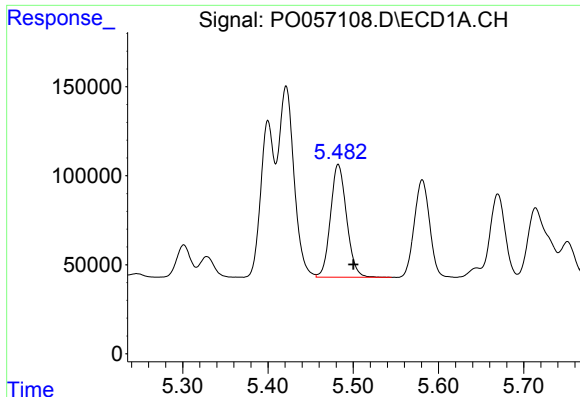
#4 AR-1016-2

R.T.: 5.421 min
Delta R.T.: -0.018 min
Response: 2274803
Conc: 905.91 ng/ml



#4 AR-1016-2

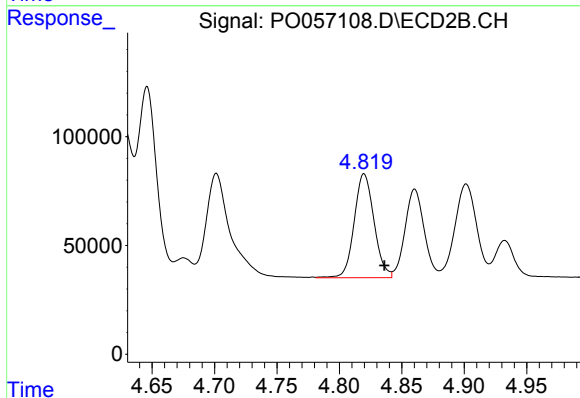
R.T.: 4.675 min
Delta R.T.: 0.013 min
Response: 83730
Conc: 46.47 ng/ml



#5 AR-1016-3

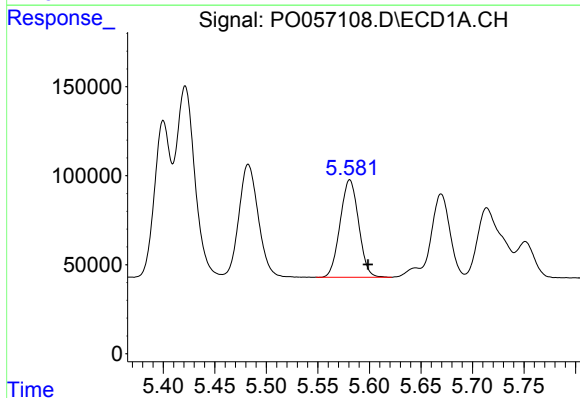
R.T.: 5.483 min
Delta R.T.: -0.018 min
Response: 830860
Conc: 516.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



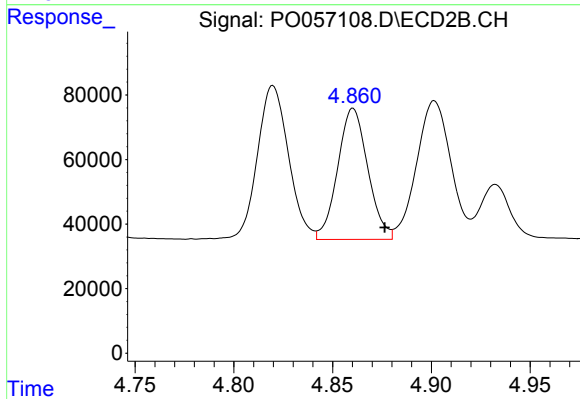
#5 AR-1016-3

R.T.: 4.820 min
Delta R.T.: -0.016 min
Response: 527137
Conc: 534.65 ng/ml



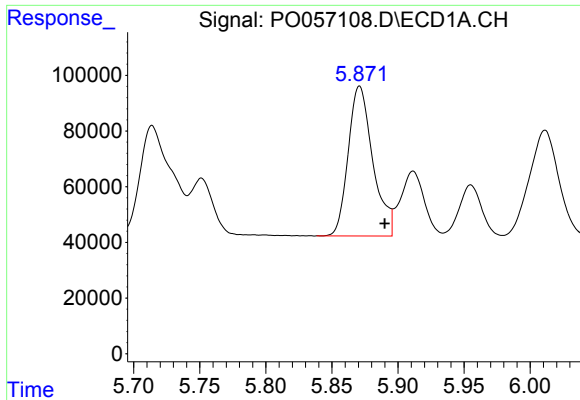
#6 AR-1016-4

R.T.: 5.581 min
Delta R.T.: -0.018 min
Response: 683767
Conc: 521.24 ng/ml



#6 AR-1016-4

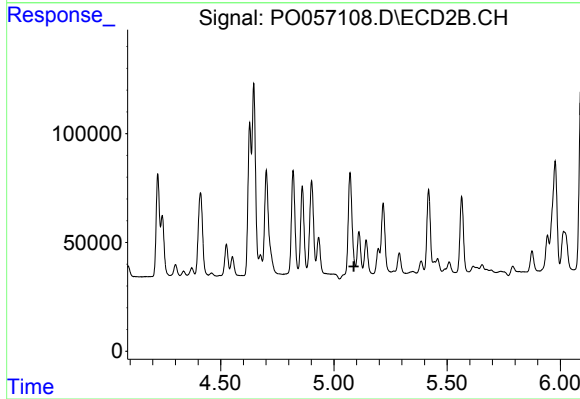
R.T.: 4.860 min
Delta R.T.: -0.016 min
Response: 431469
Conc: 521.20 ng/ml



#7 AR-1016-5

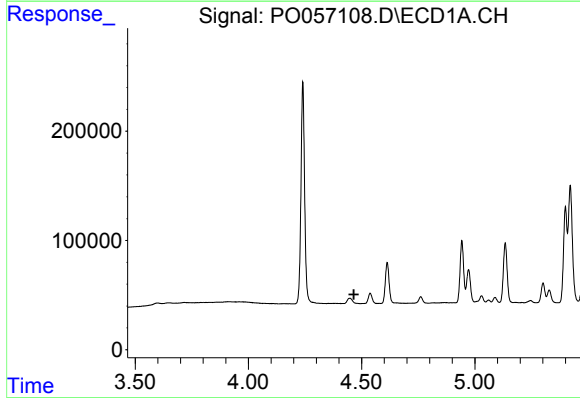
R.T.: 5.871 min
Delta R.T.: -0.019 min
Response: 697813
Conc: 505.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



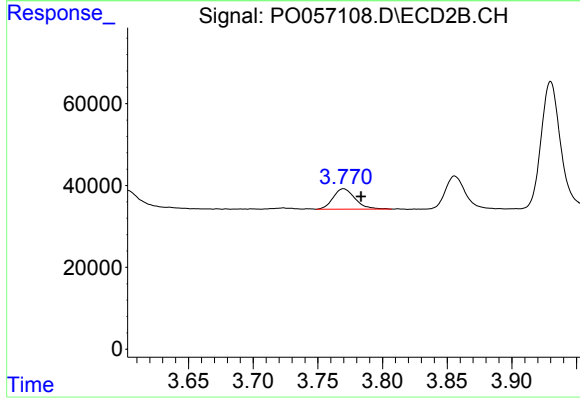
#7 AR-1016-5

R.T.: 5.111 min
Delta R.T.: 0.023 min
Response: -11360
Conc: N.D.



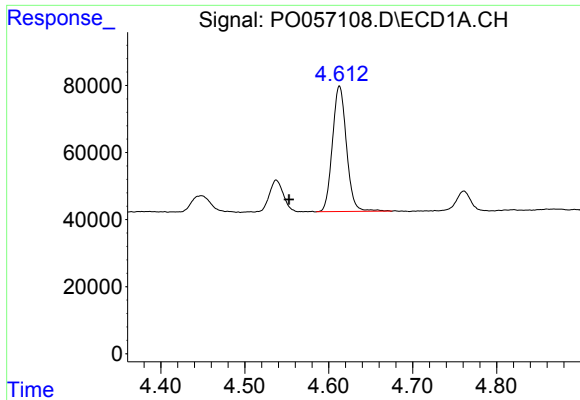
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.466 min
Response: 0
Conc: N.D.



#8 AR-1221-1

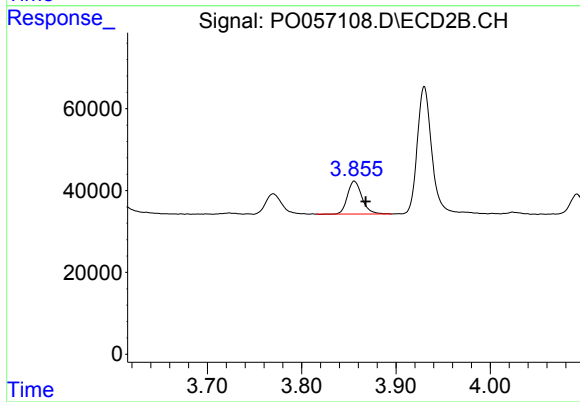
R.T.: 3.770 min
Delta R.T.: -0.013 min
Response: 58759
Conc: 115.86 ng/ml



#9 AR-1221-2

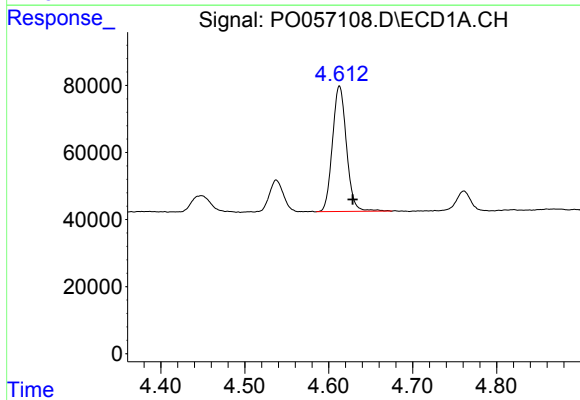
R.T.: 4.613 min
Delta R.T.: 0.060 min
Response: 435366
Conc: 912.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



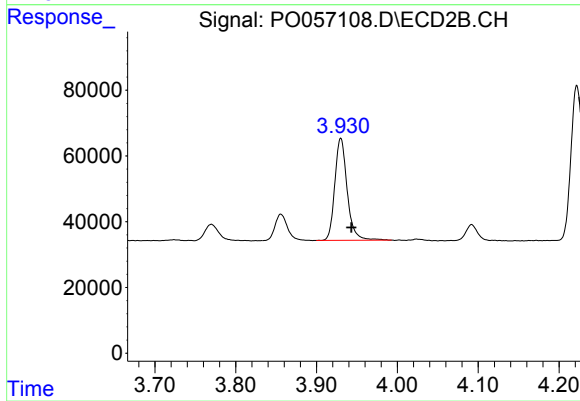
#9 AR-1221-2

R.T.: 3.856 min
Delta R.T.: -0.012 min
Response: 85765
Conc: 227.57 ng/ml



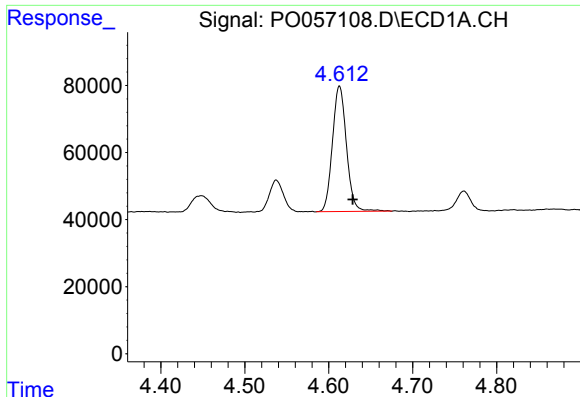
#10 AR-1221-3

R.T.: 4.613 min
Delta R.T.: -0.016 min
Response: 435366
Conc: 294.55 ng/ml



#10 AR-1221-3

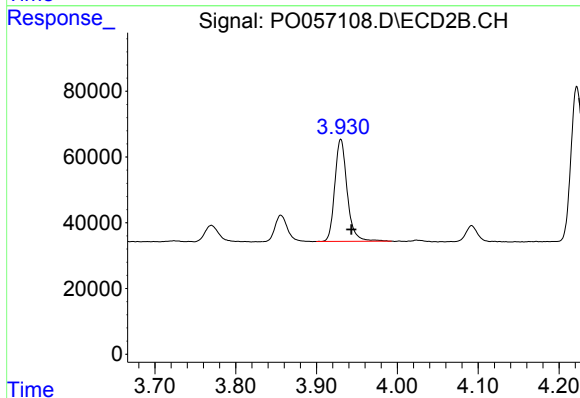
R.T.: 3.930 min
Delta R.T.: -0.013 min
Response: 331432
Conc: 276.87 ng/ml



#11 AR-1232-1

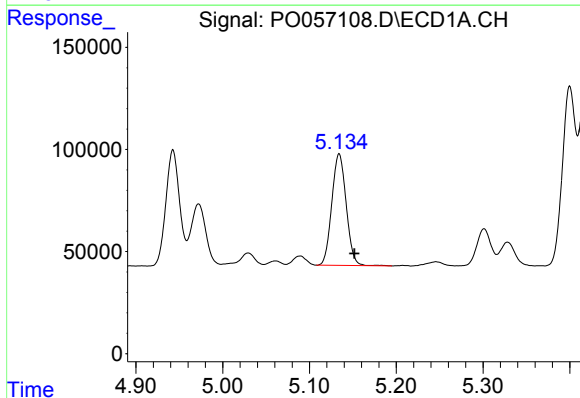
R.T.: 4.613 min
Delta R.T.: -0.016 min
Response: 435366
Conc: 369.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



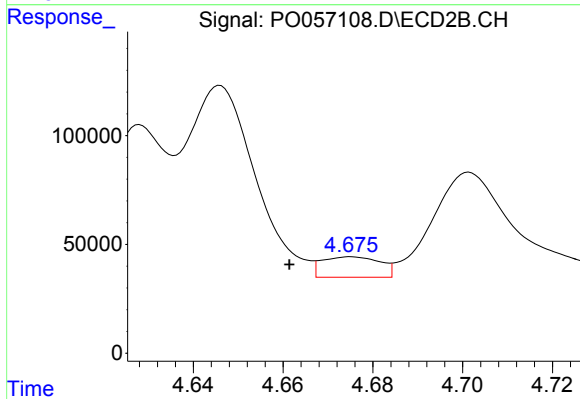
#11 AR-1232-1

R.T.: 3.930 min
Delta R.T.: -0.013 min
Response: 331432
Conc: 368.93 ng/ml



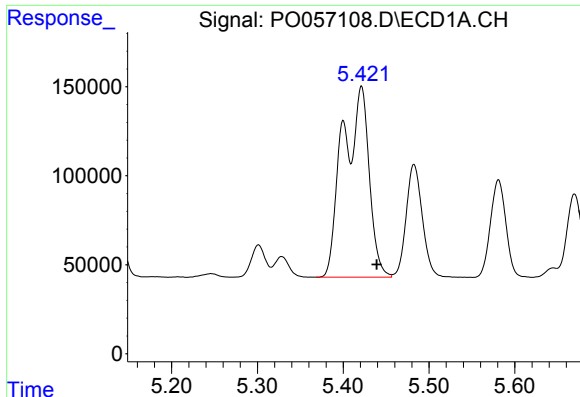
#12 AR-1232-2

R.T.: 5.134 min
Delta R.T.: -0.018 min
Response: 628664
Conc: 948.15 ng/ml



#12 AR-1232-2

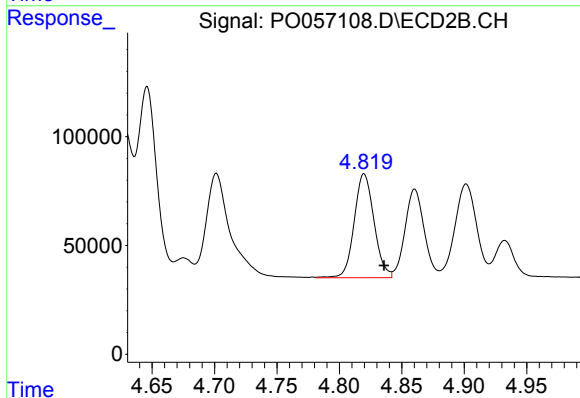
R.T.: 4.675 min
Delta R.T.: 0.014 min
Response: 83730
Conc: 86.15 ng/ml



#13 AR-1232-3

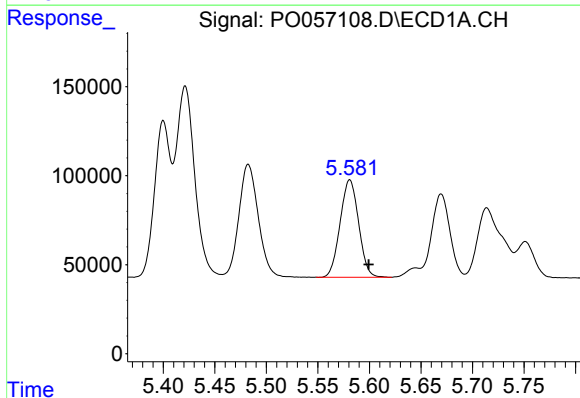
R.T.: 5.421 min
Delta R.T.: -0.018 min
Response: 2274803
Conc: 1603.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



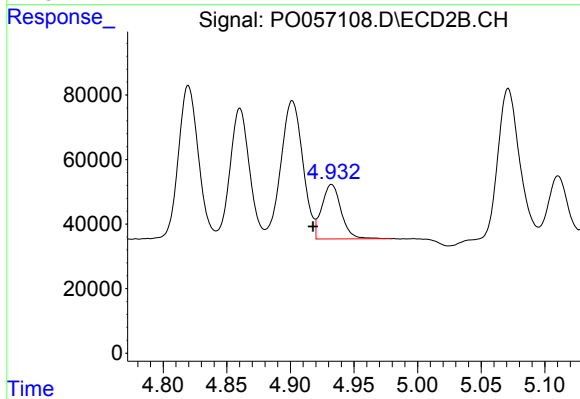
#13 AR-1232-3

R.T.: 4.820 min
Delta R.T.: -0.016 min
Response: 527137
Conc: 1007.35 ng/ml



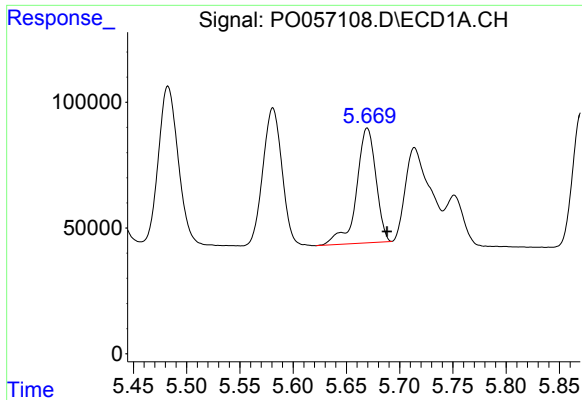
#14 AR-1232-4

R.T.: 5.581 min
Delta R.T.: -0.018 min
Response: 683767
Conc: 971.36 ng/ml



#14 AR-1232-4

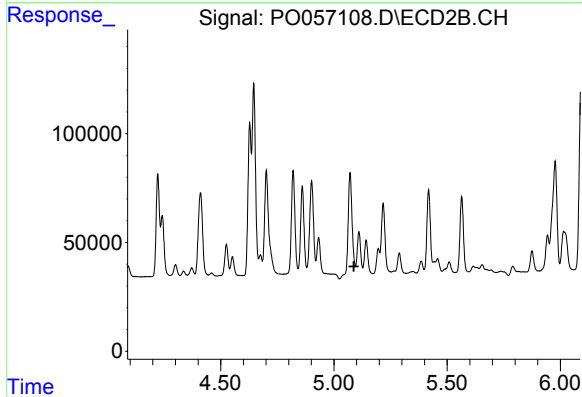
R.T.: 4.932 min
Delta R.T.: 0.015 min
Response: 179124
Conc: 363.56 ng/ml



#15 AR-1232-5

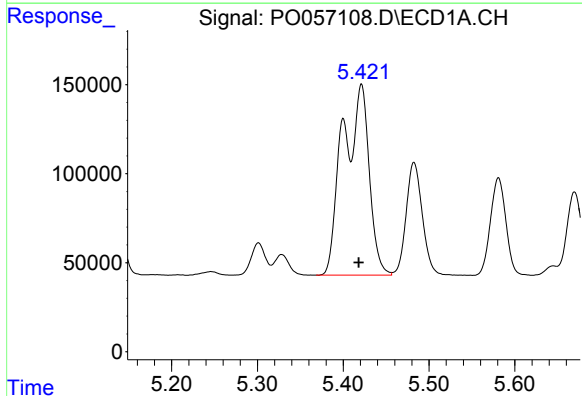
R.T.: 5.670 min
Delta R.T.: -0.019 min
Response: 580953
Conc: 1027.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



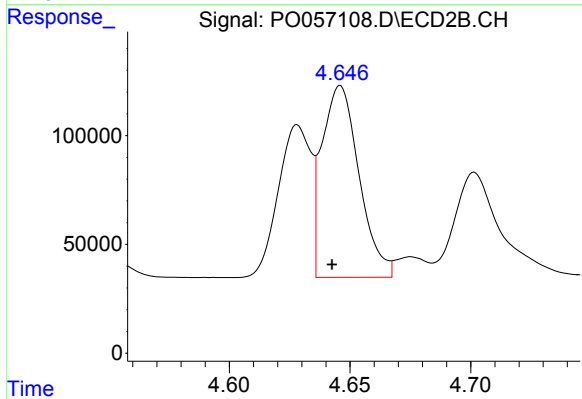
#15 AR-1232-5

R.T.: 5.111 min
Delta R.T.: 0.022 min
Response: -11360
Conc: N.D.



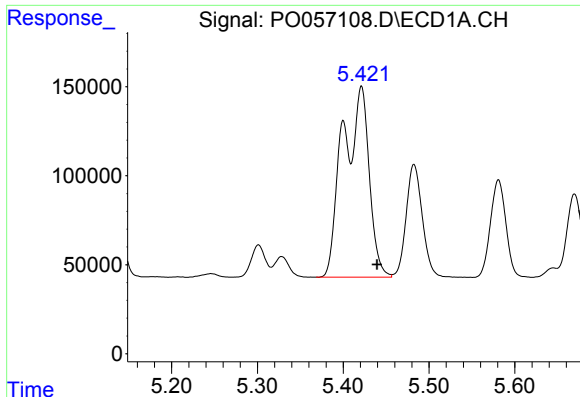
#16 AR-1242-1

R.T.: 5.421 min
Delta R.T.: 0.003 min
Response: 2274803
Conc: 1318.58 ng/ml



#16 AR-1242-1

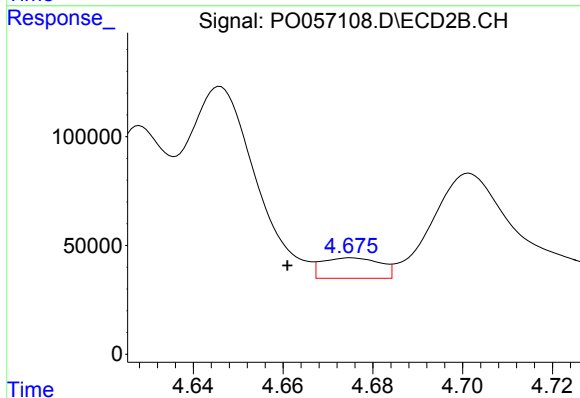
R.T.: 4.646 min
Delta R.T.: 0.003 min
Response: 941615
Conc: 760.24 ng/ml



#17 AR-1242-2

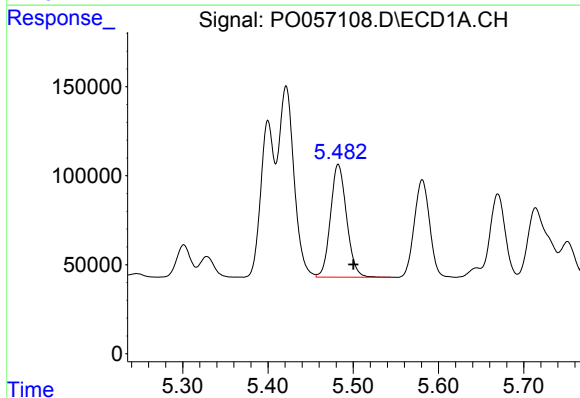
R.T.: 5.421 min
Delta R.T.: -0.018 min
Response: 2274803
Conc: 896.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



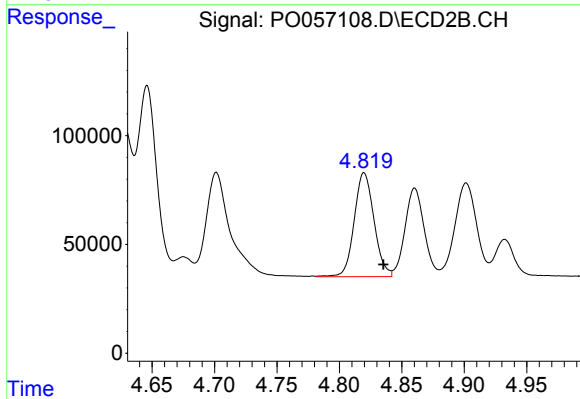
#17 AR-1242-2

R.T.: 4.675 min
Delta R.T.: 0.014 min
Response: 83730
Conc: 46.56 ng/ml



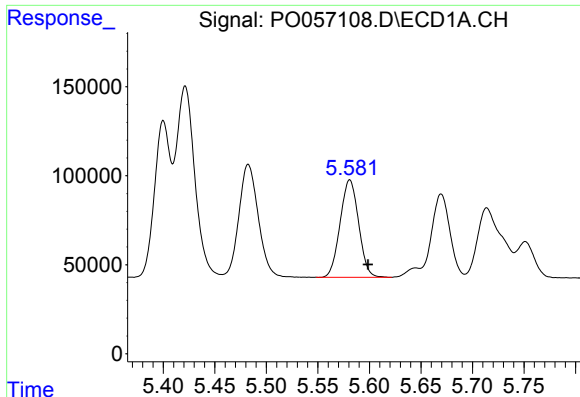
#18 AR-1242-3

R.T.: 5.483 min
Delta R.T.: -0.018 min
Response: 830860
Conc: 510.98 ng/ml



#18 AR-1242-3

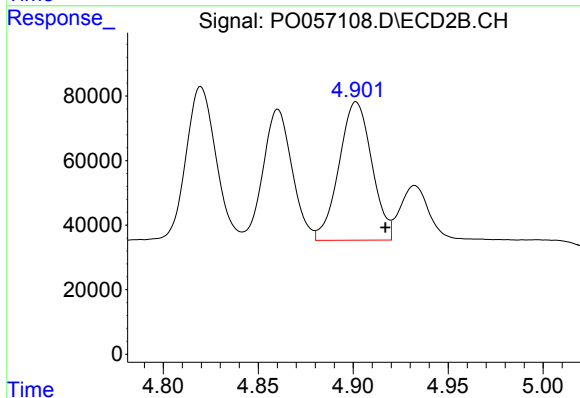
R.T.: 4.820 min
Delta R.T.: -0.015 min
Response: 527137
Conc: 536.20 ng/ml



#19 AR-1242-4

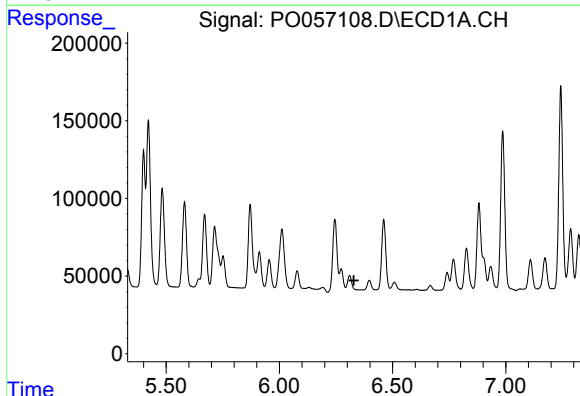
R.T.: 5.581 min
Delta R.T.: -0.018 min
Response: 683767
Conc: 511.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



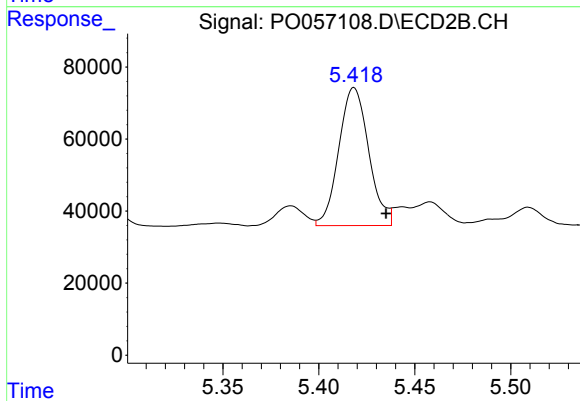
#19 AR-1242-4

R.T.: 4.902 min
Delta R.T.: -0.015 min
Response: 515455
Conc: 529.71 ng/ml



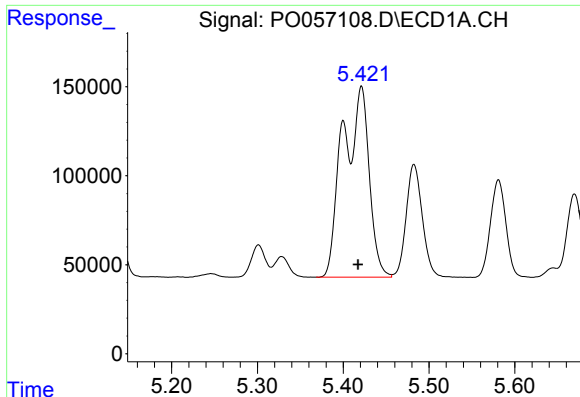
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T. : 6.329 min
Response: 0
Conc: N.D.



#20 AR-1242-5

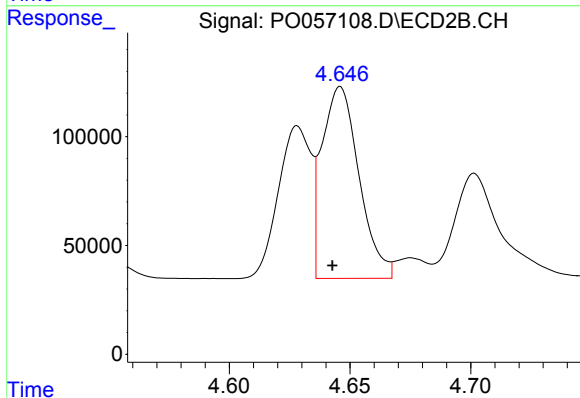
R.T.: 5.418 min
Delta R.T.: -0.017 min
Response: 417389
Conc: 353.04 ng/ml



#21 AR-1248-1

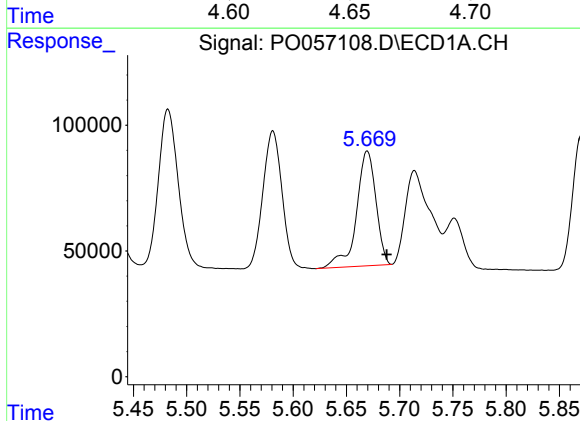
R.T.: 5.421 min
Delta R.T.: 0.004 min
Response: 2274803
Conc: 1765.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



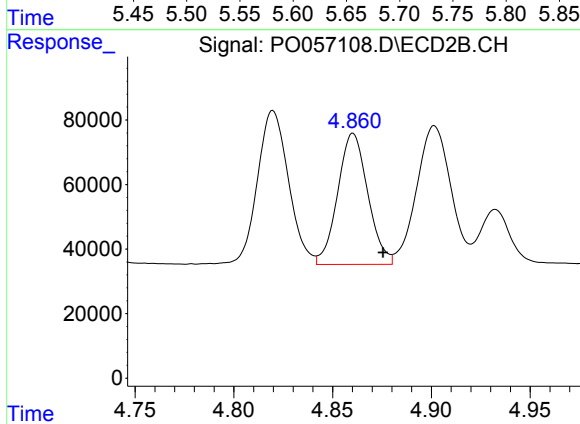
#21 AR-1248-1

R.T.: 4.646 min
Delta R.T.: 0.003 min
Response: 941615
Conc: 1005.44 ng/ml



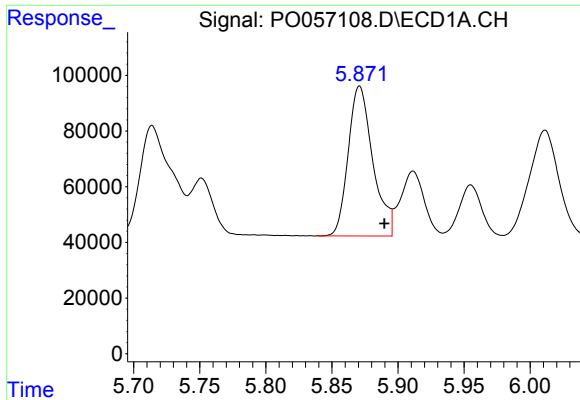
#22 AR-1248-2

R.T.: 5.670 min
Delta R.T.: -0.018 min
Response: 580953
Conc: 311.85 ng/ml



#22 AR-1248-2

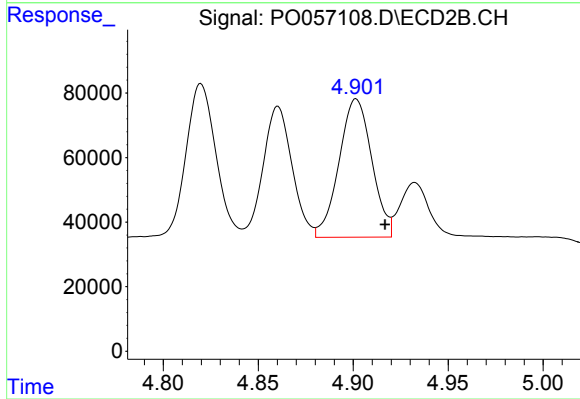
R.T.: 4.860 min
Delta R.T.: -0.015 min
Response: 431469
Conc: 339.62 ng/ml



#23 AR-1248-3

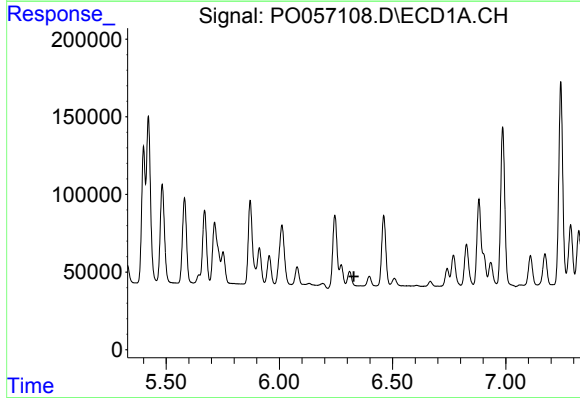
R.T.: 5.871 min
Delta R.T.: -0.019 min
Response: 697813
Conc: 340.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



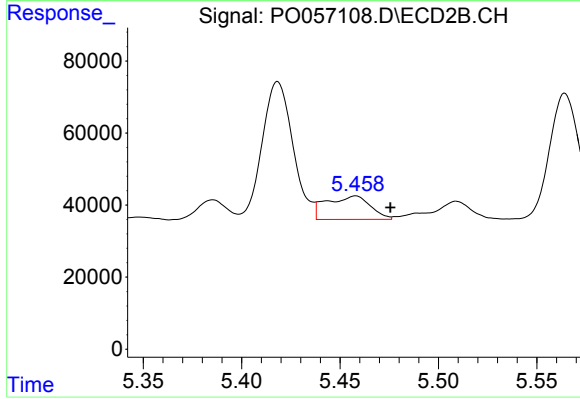
#23 AR-1248-3

R.T.: 4.902 min
Delta R.T.: -0.015 min
Response: 515455
Conc: 394.71 ng/ml



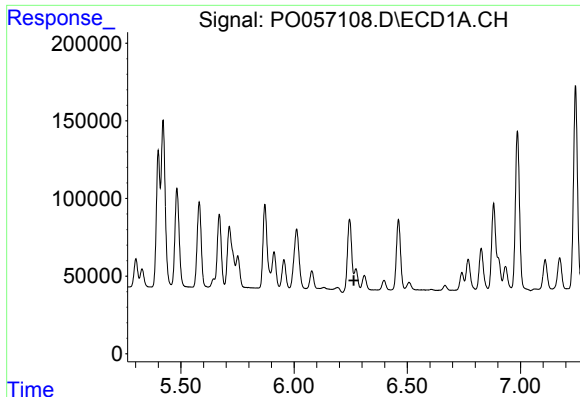
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T. : 6.329 min
Response: 0
Conc: N.D.



#25 AR-1248-5

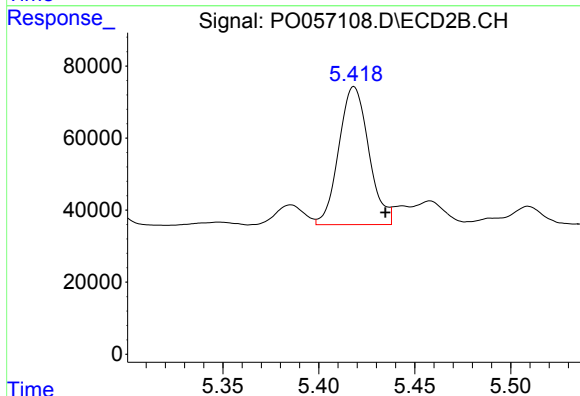
R.T.: 5.458 min
Delta R.T.: -0.018 min
Response: 101153
Conc: 61.12 ng/ml



#26 AR-1254-1

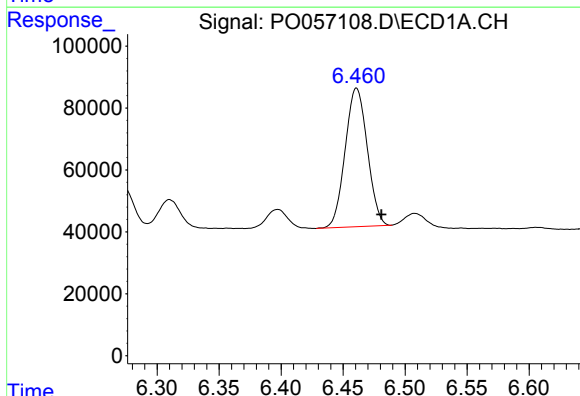
R.T.: 0.000 min
Exp R.T.: 6.264 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



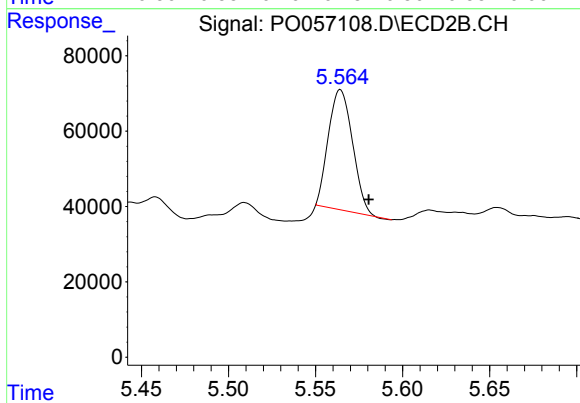
#26 AR-1254-1

R.T.: 5.418 min
Delta R.T.: -0.016 min
Response: 417389
Conc: 157.82 ng/ml



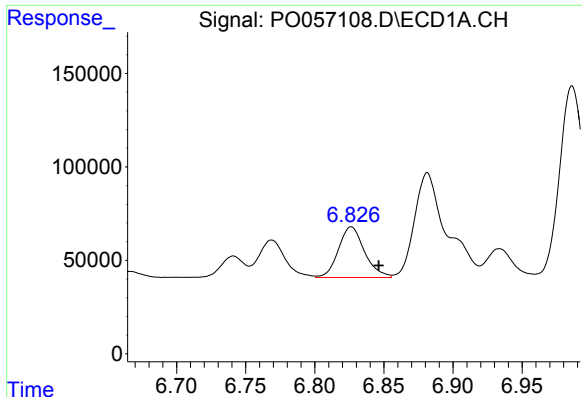
#27 AR-1254-2

R.T.: 6.461 min
Delta R.T.: -0.020 min
Response: 556640
Conc: 143.31 ng/ml



#27 AR-1254-2

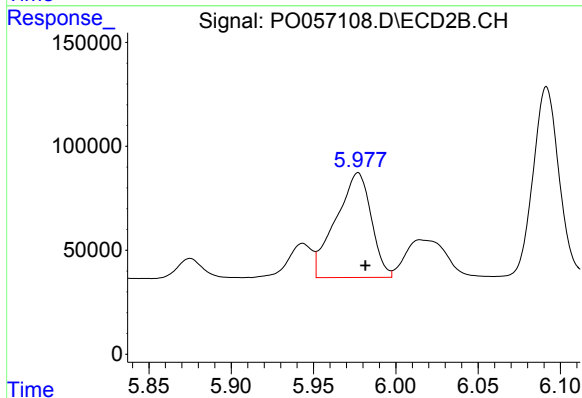
R.T.: 5.564 min
Delta R.T.: -0.016 min
Response: 308278
Conc: 143.00 ng/ml



#28 AR-1254-3

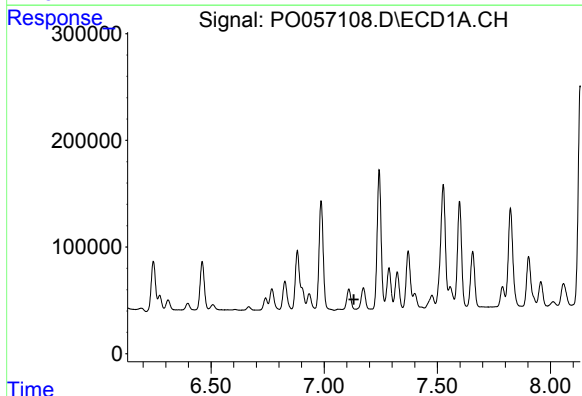
R.T.: 6.826 min
Delta R.T.: -0.020 min
Response: 356858
Conc: 86.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



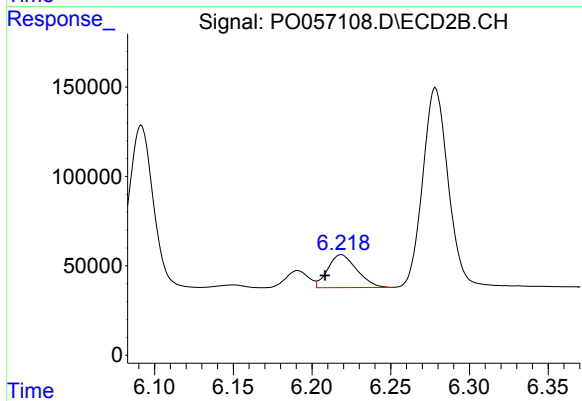
#28 AR-1254-3

R.T.: 5.977 min
Delta R.T.: -0.005 min
Response: 752062
Conc: 205.42 ng/ml



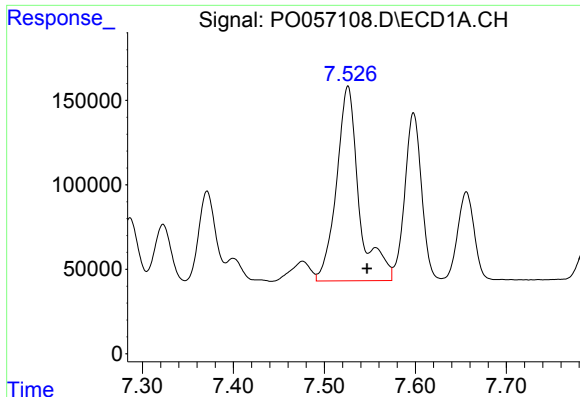
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T. : 7.131 min
Response: 0
Conc: N.D.



#29 AR-1254-4

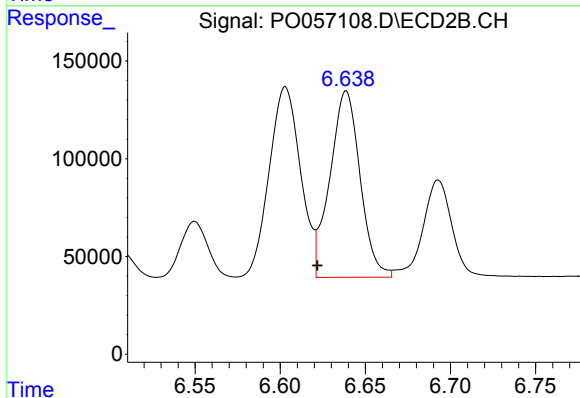
R.T.: 6.219 min
Delta R.T.: 0.010 min
Response: 236778
Conc: 107.78 ng/ml



#30 AR-1254-5

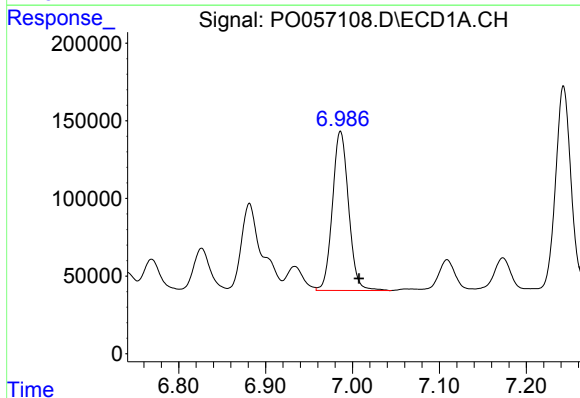
R.T.: 7.526 min
Delta R.T.: -0.021 min
Response: 1994861
Conc: 529.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



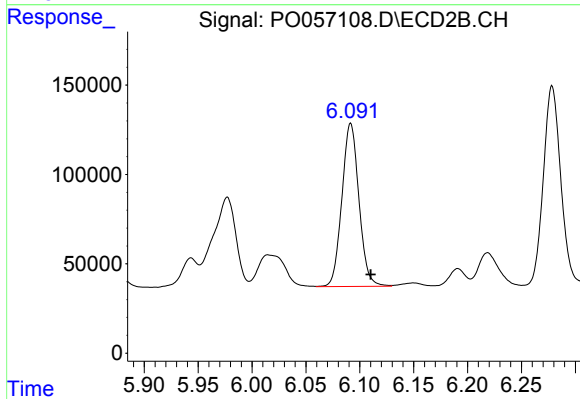
#30 AR-1254-5

R.T.: 6.639 min
Delta R.T.: 0.017 min
Response: 1176390
Conc: 371.07 ng/ml



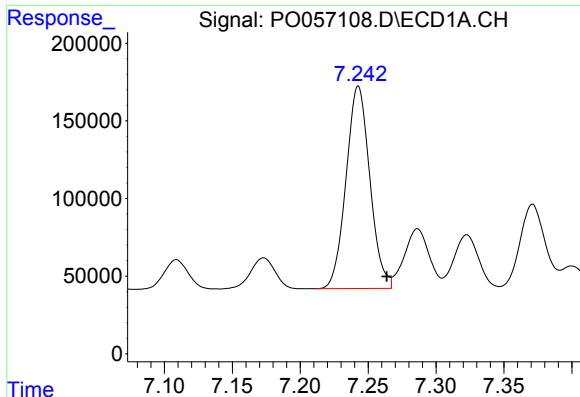
#31 AR-1260-1

R.T.: 6.986 min
Delta R.T.: -0.021 min
Response: 1323936
Conc: 515.92 ng/ml



#31 AR-1260-1

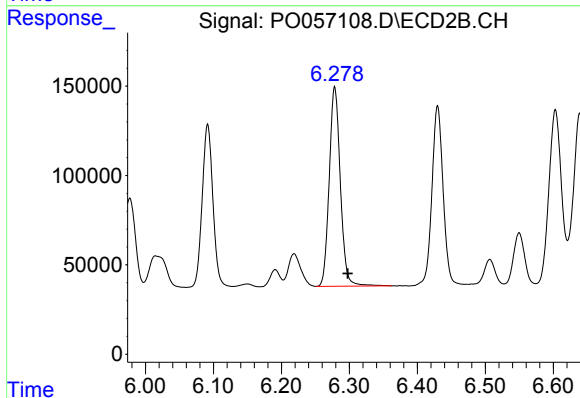
R.T.: 6.092 min
Delta R.T.: -0.019 min
Response: 1004517
Conc: 502.16 ng/ml



#32 AR-1260-2

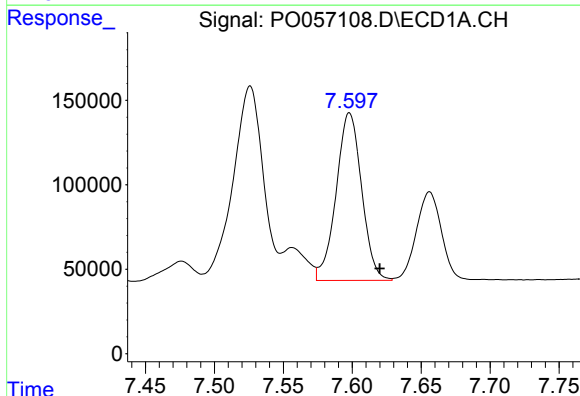
R.T.: 7.243 min
Delta R.T.: -0.021 min
Response: 1590971
Conc: 526.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



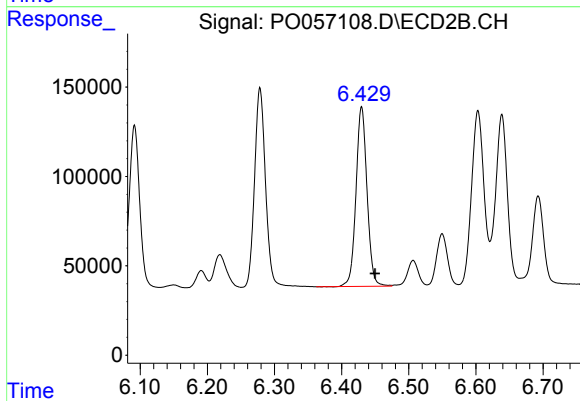
#32 AR-1260-2

R.T.: 6.278 min
Delta R.T.: -0.019 min
Response: 1271194
Conc: 515.71 ng/ml



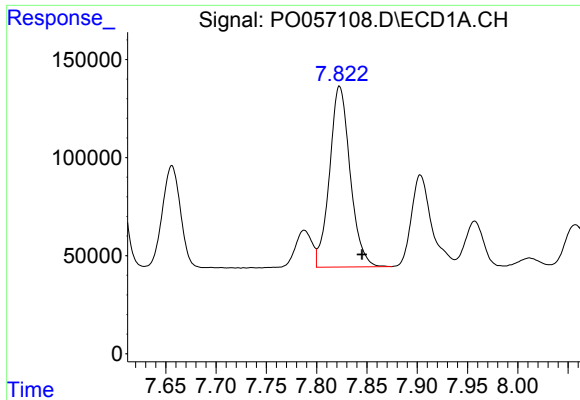
#33 AR-1260-3

R.T.: 7.598 min
Delta R.T.: -0.022 min
Response: 1278445
Conc: 530.68 ng/ml



#33 AR-1260-3

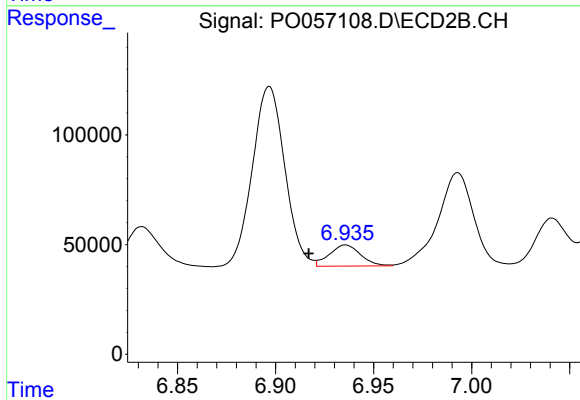
R.T.: 6.430 min
Delta R.T.: -0.020 min
Response: 1147189
Conc: 511.40 ng/ml



#34 AR-1260-4

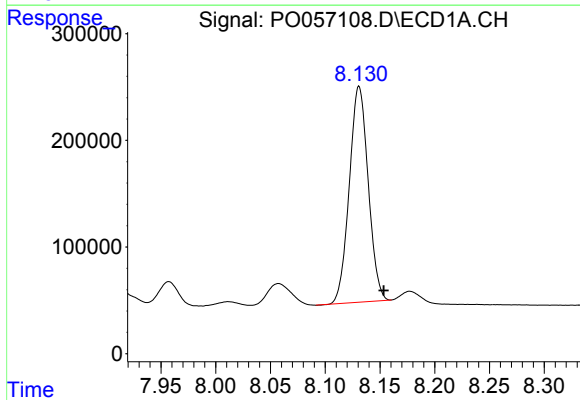
R.T.: 7.823 min
Delta R.T.: -0.022 min
Response: 1313330
Conc: 501.42 ng/ml

Instrument :
ECD_O
ClientSampleId :



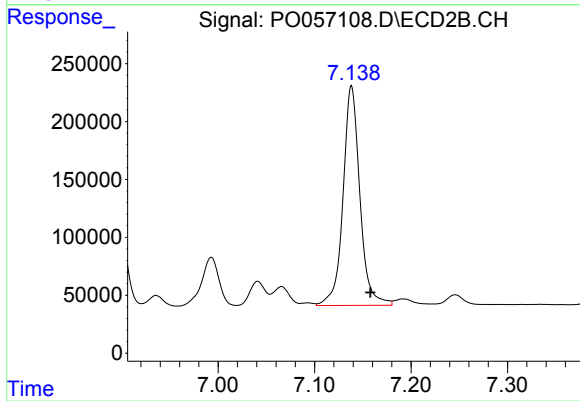
#34 AR-1260-4

R.T.: 6.936 min
Delta R.T.: 0.019 min
Response: 106520
Conc: 57.24 ng/ml



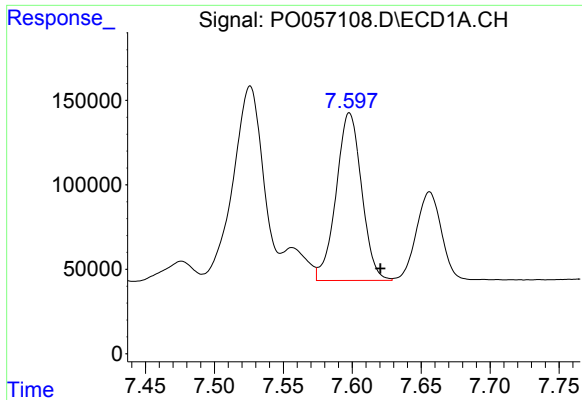
#35 AR-1260-5

R.T.: 8.131 min
Delta R.T.: -0.022 min
Response: 2431069
Conc: 508.37 ng/ml



#35 AR-1260-5

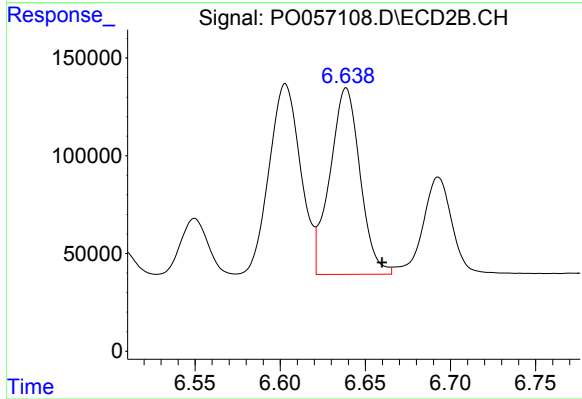
R.T.: 7.138 min
Delta R.T.: -0.020 min
Response: 2307653
Conc: 535.13 ng/ml



#36 AR-1262-1

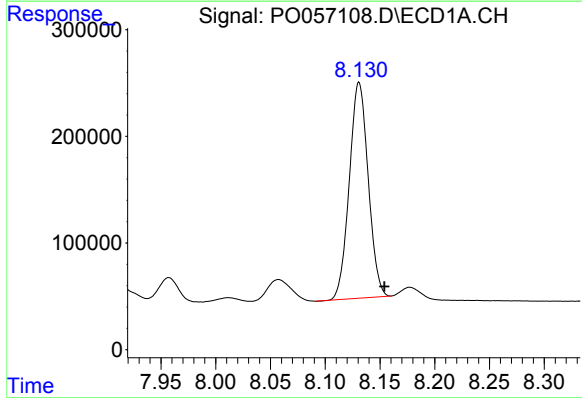
R.T.: 7.598 min
Delta R.T.: -0.022 min
Response: 1278445
Conc: 273.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



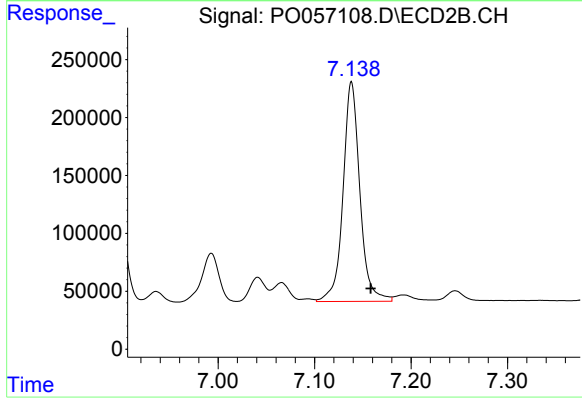
#36 AR-1262-1

R.T.: 6.639 min
Delta R.T.: -0.021 min
Response: 1176390
Conc: 281.83 ng/ml



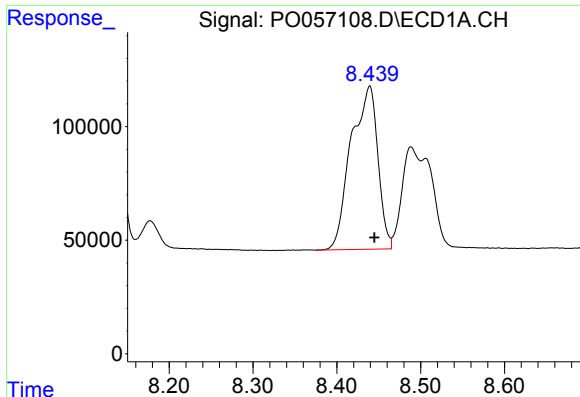
#37 AR-1262-2

R.T.: 8.131 min
Delta R.T.: -0.023 min
Response: 2431069
Conc: 318.88 ng/ml



#37 AR-1262-2

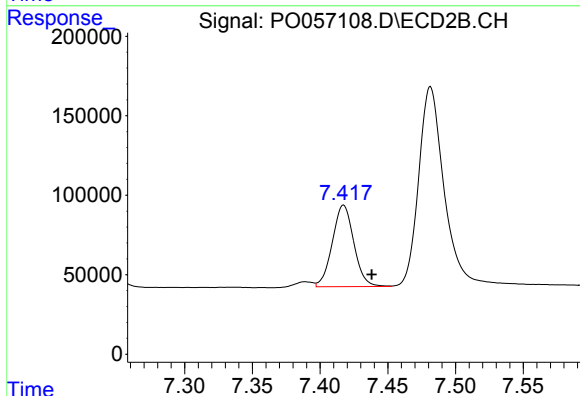
R.T.: 7.138 min
Delta R.T.: -0.020 min
Response: 2307653
Conc: 335.87 ng/ml



#38 AR-1262-3

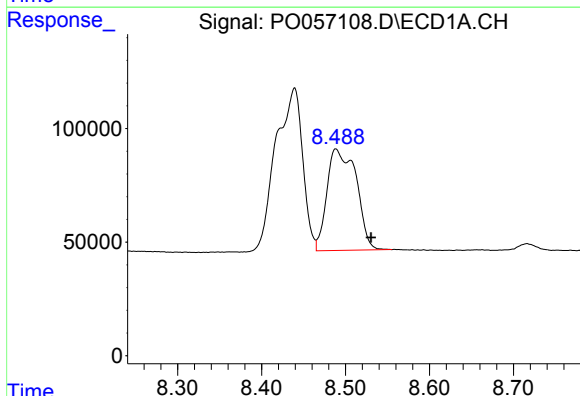
R.T.: 8.439 min
Delta R.T.: -0.006 min
Response: 1596149
Conc: 304.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



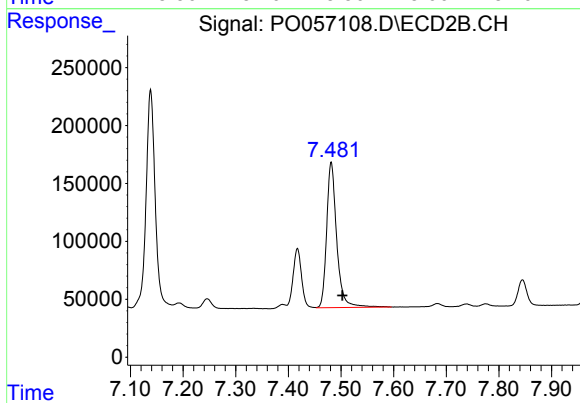
#38 AR-1262-3

R.T.: 7.417 min
Delta R.T.: -0.021 min
Response: 567665
Conc: 192.21 ng/ml



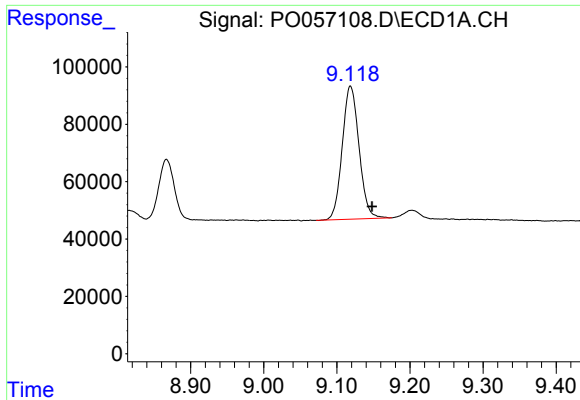
#39 AR-1262-4

R.T.: 8.489 min
Delta R.T.: -0.041 min
Response: 1082533
Conc: 253.57 ng/ml



#39 AR-1262-4

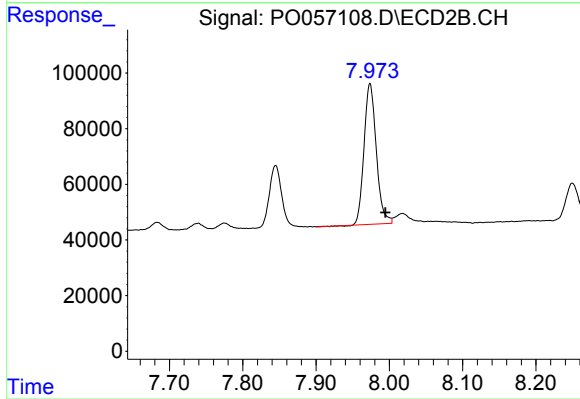
R.T.: 7.481 min
Delta R.T.: -0.022 min
Response: 1666688
Conc: 319.86 ng/ml



#40 AR-1262-5

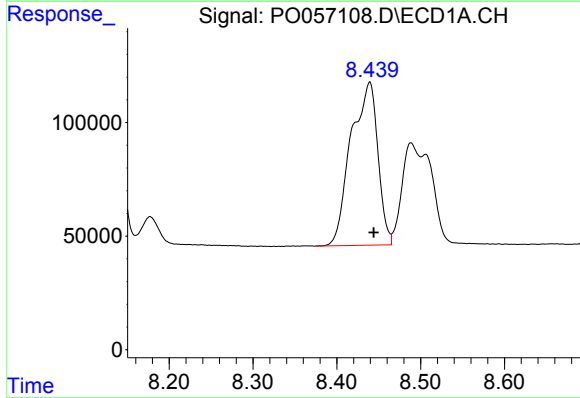
R.T.: 9.119 min
Delta R.T.: -0.029 min
Response: 740068
Conc: 269.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



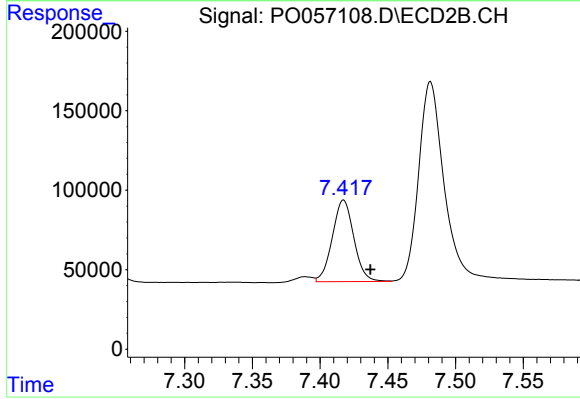
#40 AR-1262-5

R.T.: 7.974 min
Delta R.T.: -0.021 min
Response: 588661
Conc: 253.50 ng/ml



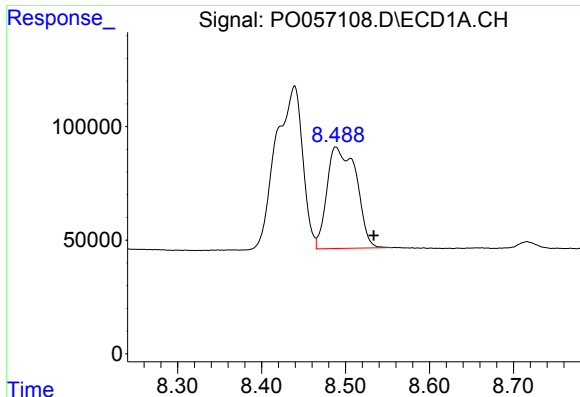
#41 AR-1268-1

R.T.: 8.439 min
Delta R.T.: -0.005 min
Response: 1596149
Conc: 196.15 ng/ml



#41 AR-1268-1

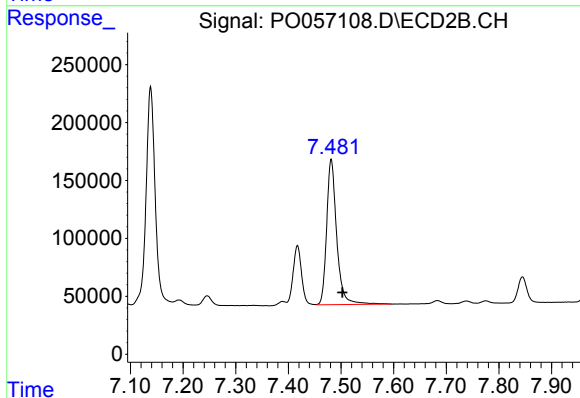
R.T.: 7.417 min
Delta R.T.: -0.020 min
Response: 567665
Conc: 76.04 ng/ml



#42 AR-1268-2

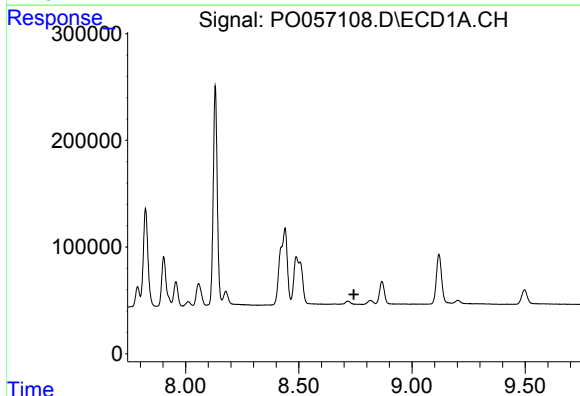
R.T.: 8.489 min
Delta R.T.: -0.044 min
Response: 1082533
Conc: 133.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



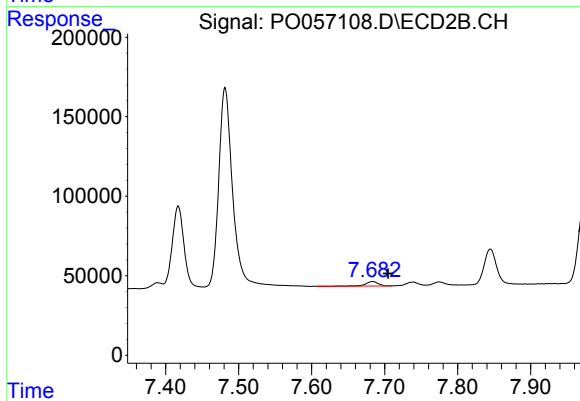
#42 AR-1268-2

R.T.: 7.481 min
Delta R.T.: -0.021 min
Response: 1666688
Conc: 238.68 ng/ml



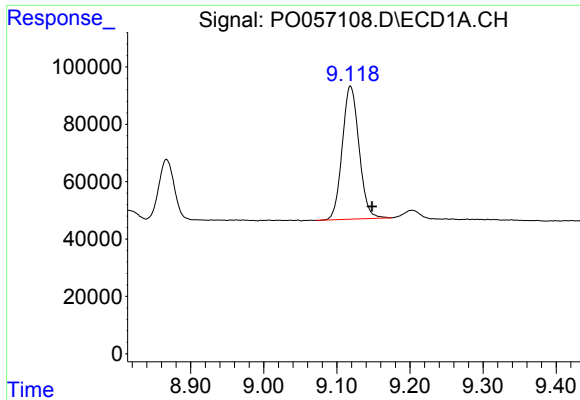
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 8.743 min
Response: 0
Conc: N.D.



#43 AR-1268-3

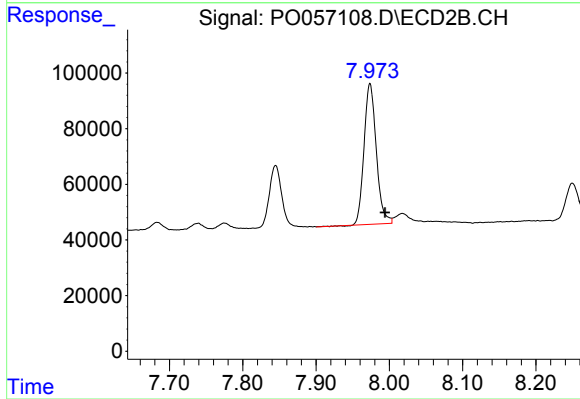
R.T.: 7.683 min
Delta R.T.: -0.022 min
Response: 33034
Conc: 5.57 ng/ml



#44 AR-1268-4

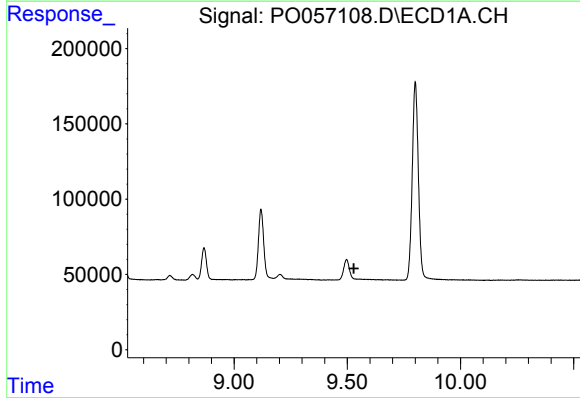
R.T.: 9.119 min
Delta R.T.: -0.029 min
Response: 740068
Conc: 271.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



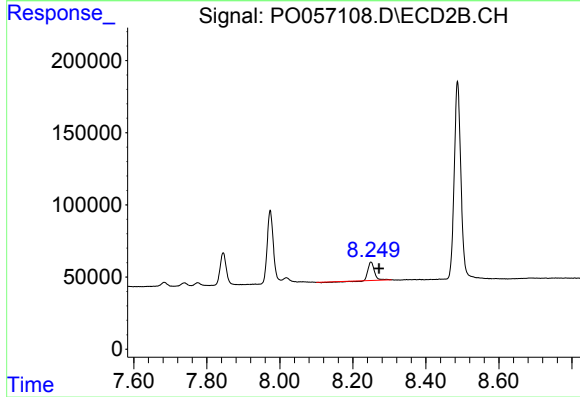
#44 AR-1268-4

R.T.: 7.974 min
Delta R.T.: -0.020 min
Response: 588661
Conc: 252.18 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 9.529 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 8.250 min
Delta R.T.: -0.022 min
Response: 142634
Conc: 8.24 ng/ml