

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0061119\
 Data File : P0057084.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 11 Jun 2019 17:50
 Operator : SM/SJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1660CCC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 12 06:35:12 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...	4.241	3.563	2104830	1691004	54.980	51.276
2)	SA Decachlor...	9.806	8.489	2454261	1746096	50.001	48.970
Target Compounds							
3)	L1 AR-1016-1	5.424	4.647	1319777	908682	733.771	722.043
4)	L1 AR-1016-2	5.424	4.647	1319777	908682	525.583	504.368
5)	L1 AR-1016-3	5.485	4.821	806506	496163	501.778	503.235
6)	L1 AR-1016-4	5.583	4.862	662355	412964	504.921	498.844
7)	L1 AR-1016-5	5.874	5.073	691090	177198	500.207	165.185 #
8)	L2 AR-1221-1	0.000	3.770	0	50765	N.D.	100.098 #
9)	L2 AR-1221-2	4.615	3.857	404889	77970	848.652	206.890 #
10)	L2 AR-1221-3	4.615	3.931	404889	296026	273.931	247.296
11)	L3 AR-1232-1	4.615	3.931	404889	296026	343.597	329.517
12)	L3 AR-1232-2	5.136	4.647	600539	908682	905.736	934.974
13)	L3 AR-1232-3	5.424	4.821	1319777	496163	930.305	948.156
14)	L3 AR-1232-4	5.583	4.903	662355	495185	940.942	1005.069
15)	L3 AR-1232-5	5.672	5.073	567327	177198	1003.429	314.596 #
16)	L4 AR-1242-1	5.424	4.647	1319777	908682	765.002	733.647
17)	L4 AR-1242-2	5.424	4.647	1319777	908682	519.848	505.266
18)	L4 AR-1242-3	5.485	4.821	806506	496163	496.001	504.689
19)	L4 AR-1242-4	5.583	4.903	662355	495185	495.506	508.875
20)	L4 AR-1242-5	0.000	5.420	0	405116	N.D.	342.659 #
21)	L5 AR-1248-1	5.424	4.647	1319777	908682	1024.262	970.276
22)	L5 AR-1248-2	5.672	4.862	567327	412964	304.541	325.054
23)	L5 AR-1248-3	5.874	4.903	691090	495185	336.894	379.190
24)	L5 AR-1248-4	0.000	5.073	0	177198	N.D.	111.894 #
25)	L5 AR-1248-5	0.000	5.460	0	63890	N.D.	38.602 #
26)	L6 AR-1254-1	0.000	5.420	0	405116	N.D.	153.179 #
27)	L6 AR-1254-2	6.463	5.565	545704	326417	140.497	151.413
28)	L6 AR-1254-3	6.829	5.978	321796	759938	78.042	207.573 #
29)	L6 AR-1254-4	0.000	6.220	0	242721	N.D.	110.482 #
30)	L6 AR-1254-5	7.528	6.605	1991729	1303716	528.922	411.236
31)	L7 AR-1260-1	6.989	6.092	1294489	1020483	504.442	510.144
32)	L7 AR-1260-2	7.246	6.280	1584716	1294975	524.018	525.353
33)	L7 AR-1260-3	7.601	6.432	1269080	1182829	526.796	527.289
34)	L7 AR-1260-4	7.826	6.898	1315582	988544	502.282	531.184
35)	L7 AR-1260-5	8.134	7.140	2420501	2382509	506.160	552.487
36)	L8 AR-1262-1	7.601	6.641	1269080	1211661	271.348	290.284
37)	L8 AR-1262-2	8.134	7.140	2420501	2382509	317.493	346.767
38)	L8 AR-1262-3	8.442	7.419	1597196	597997	305.184	202.475 #
39)	L8 AR-1262-4	8.494	7.483	1088179	1717073	254.897	329.534 #
40)	L8 AR-1262-5	9.122	7.975	736920	594494	268.200	256.011
41)	L9 AR-1268-1	8.442	7.419	1597196	597997	196.276	80.106 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0061119\
Data File : P0057084.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 11 Jun 2019 17:50
Operator : SM/SJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

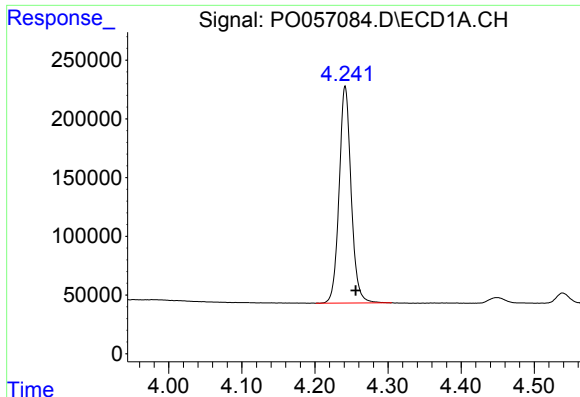
Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 12 06:35:12 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
42)	L9 AR-1268-2	8.494	7.483	1088179	1717073	134.512	245.891 #
43)	L9 AR-1268-3	0.000	7.685	0	32040	N.D.	5.398 #
44)	L9 AR-1268-4	9.122	7.975	736920	594494	270.224	254.684
45)	L9 AR-1268-5	0.000	8.251	0	143497	N.D.	8.291 #

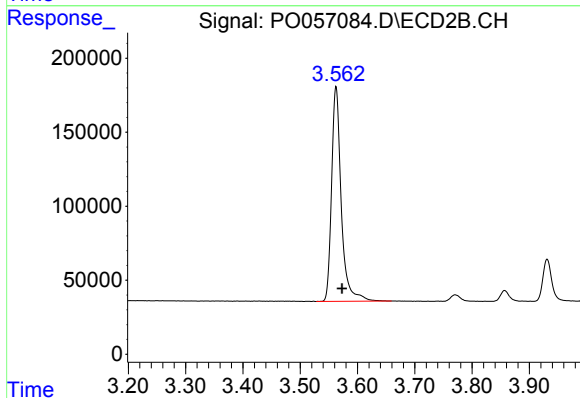
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

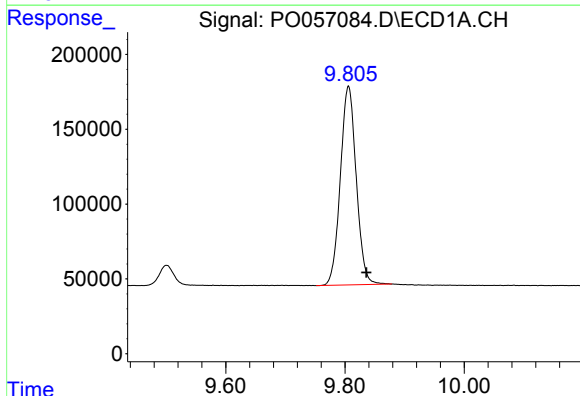
R.T.: 4.241 min
Delta R.T.: -0.015 min
Response: 2104830
Conc: 54.98 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



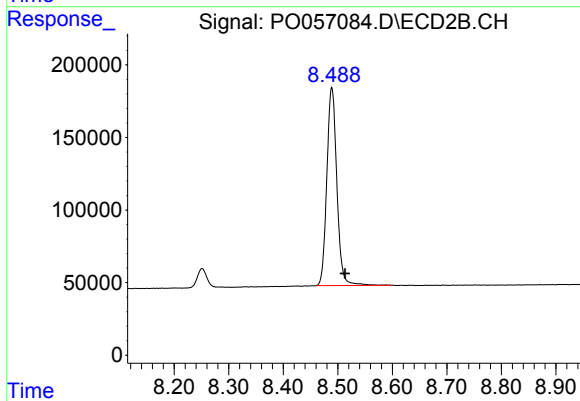
#1 Tetrachloro-m-xylene

R.T.: 3.563 min
Delta R.T.: -0.010 min
Response: 1691004
Conc: 51.28 ng/ml



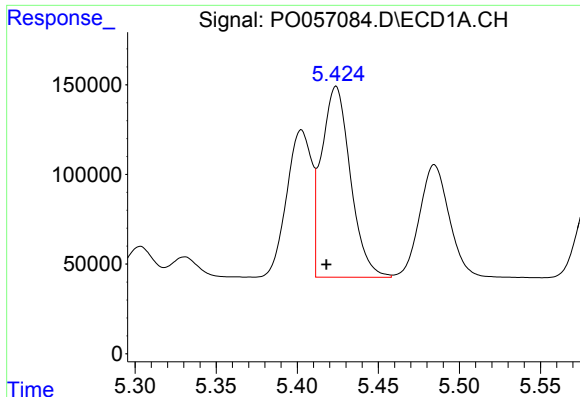
#2 Decachlorobiphenyl

R.T.: 9.806 min
Delta R.T.: -0.030 min
Response: 2454261
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

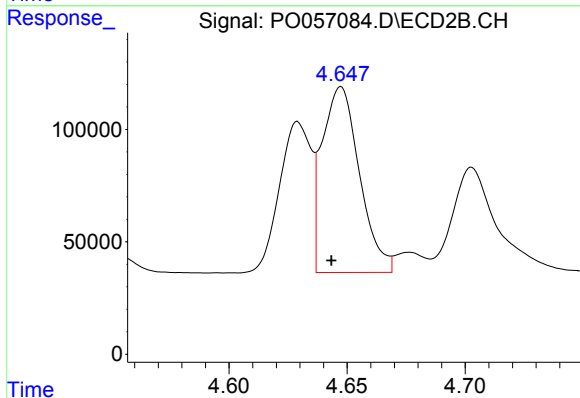
R.T.: 8.489 min
Delta R.T.: -0.024 min
Response: 1746096
Conc: 48.97 ng/ml



#3 AR-1016-1

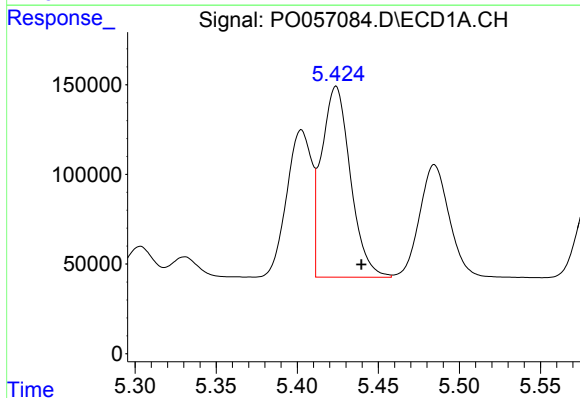
R.T.: 5.424 min
Delta R.T.: 0.006 min
Response: 1319777
Conc: 733.77 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



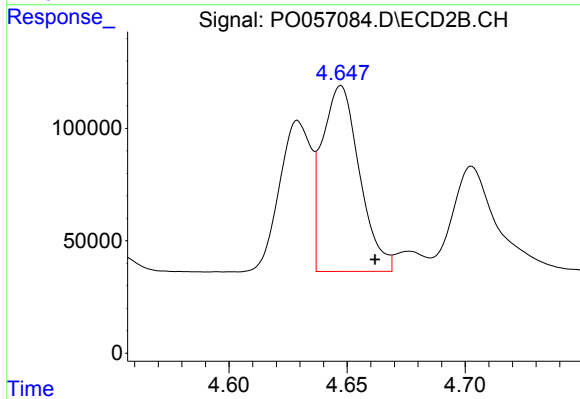
#3 AR-1016-1

R.T.: 4.647 min
Delta R.T.: 0.004 min
Response: 908682
Conc: 722.04 ng/ml



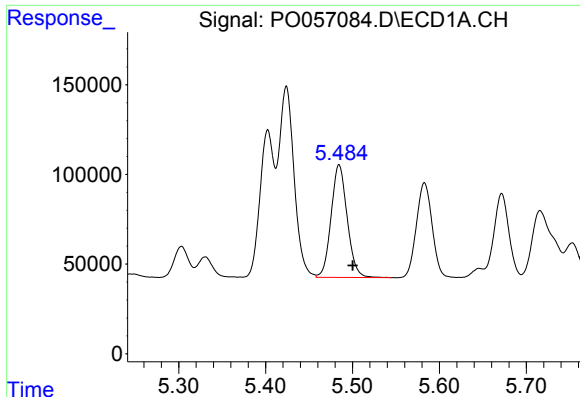
#4 AR-1016-2

R.T.: 5.424 min
Delta R.T.: -0.016 min
Response: 1319777
Conc: 525.58 ng/ml



#4 AR-1016-2

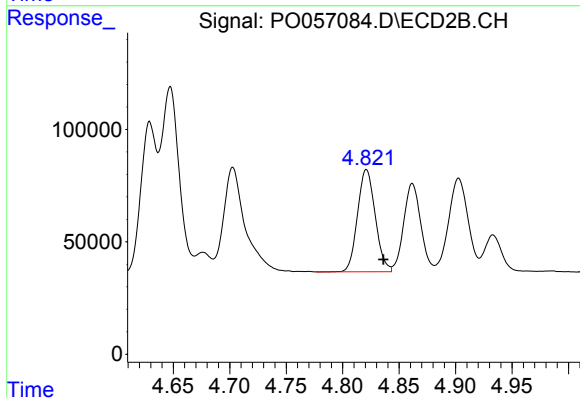
R.T.: 4.647 min
Delta R.T.: -0.014 min
Response: 908682
Conc: 504.37 ng/ml



#5 AR-1016-3

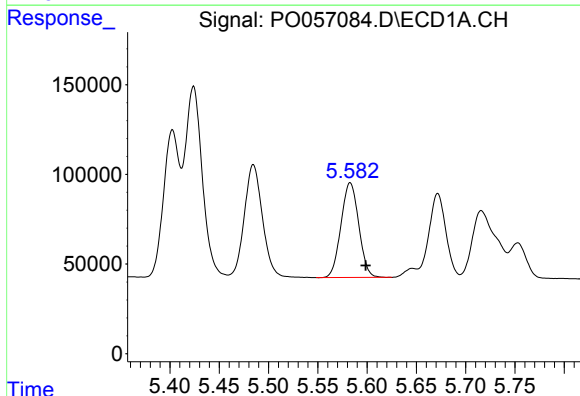
R.T.: 5.485 min
Delta R.T.: -0.015 min
Response: 806506
Conc: 501.78 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



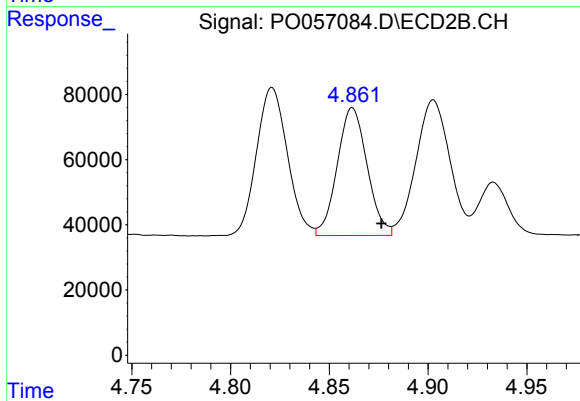
#5 AR-1016-3

R.T.: 4.821 min
Delta R.T.: -0.015 min
Response: 496163
Conc: 503.24 ng/ml



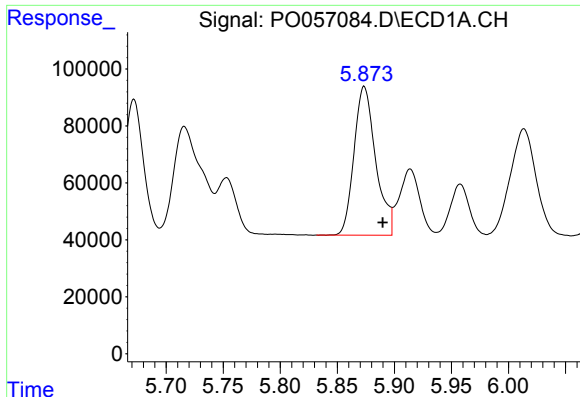
#6 AR-1016-4

R.T.: 5.583 min
Delta R.T.: -0.016 min
Response: 662355
Conc: 504.92 ng/ml



#6 AR-1016-4

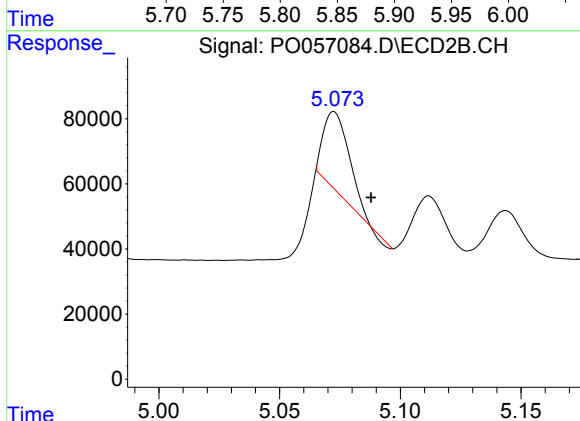
R.T.: 4.862 min
Delta R.T.: -0.015 min
Response: 412964
Conc: 498.84 ng/ml



#7 AR-1016-5

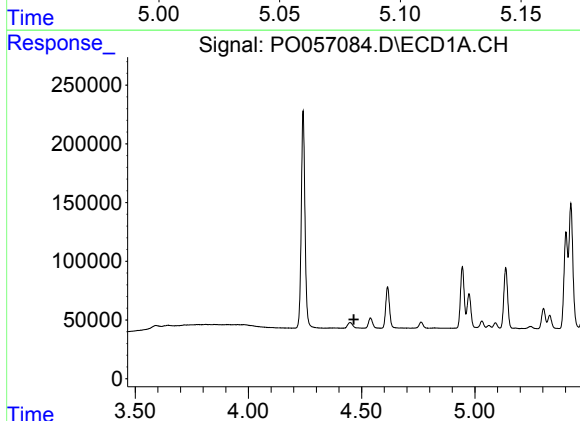
R.T.: 5.874 min
Delta R.T.: -0.016 min
Response: 691090
Conc: 500.21 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



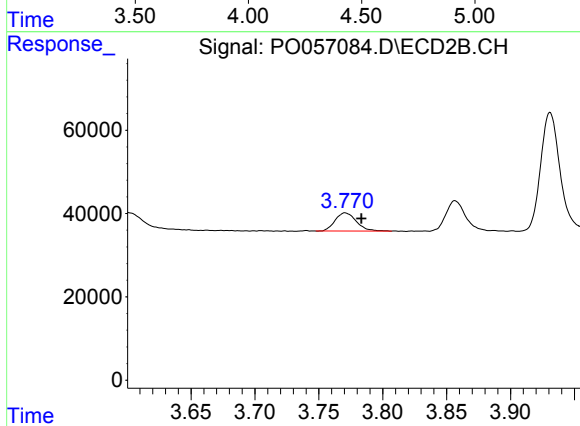
#7 AR-1016-5

R.T.: 5.073 min
Delta R.T.: -0.015 min
Response: 177198
Conc: 165.19 ng/ml



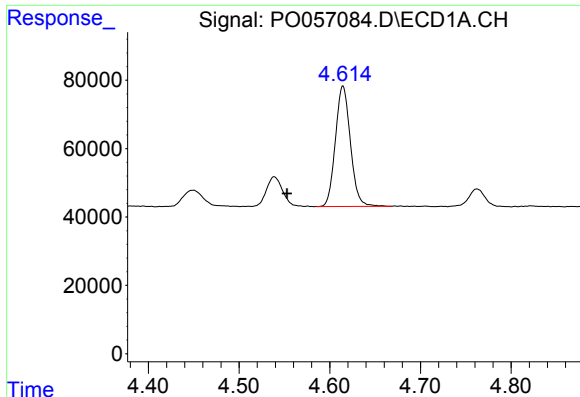
#8 AR-1221-1

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



#8 AR-1221-1

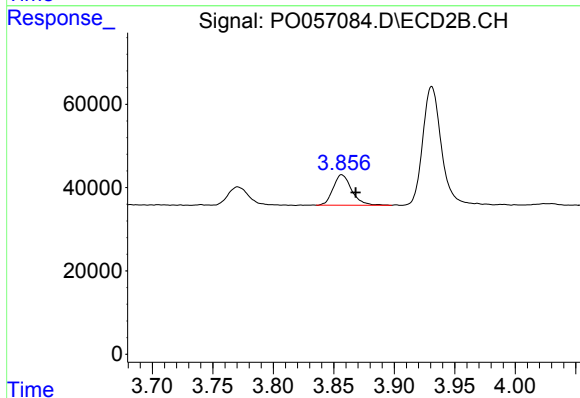
R.T.: 3.770 min
Delta R.T.: -0.013 min
Response: 50765
Conc: 100.10 ng/ml



#9 AR-1221-2

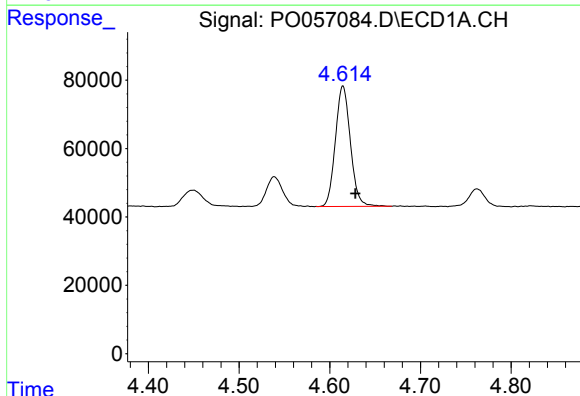
R.T.: 4.615 min
Delta R.T.: 0.062 min
Response: 404889
Conc: 848.65 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



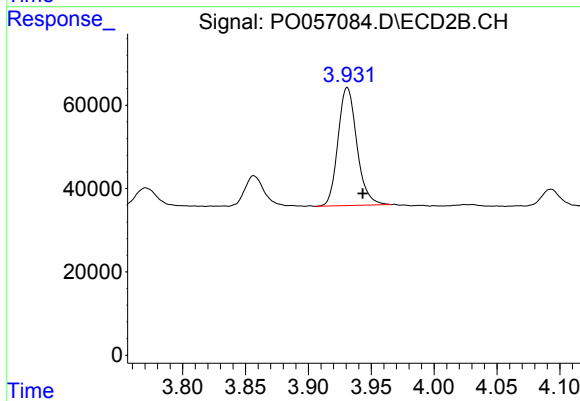
#9 AR-1221-2

R.T.: 3.857 min
Delta R.T.: -0.012 min
Response: 77970
Conc: 206.89 ng/ml



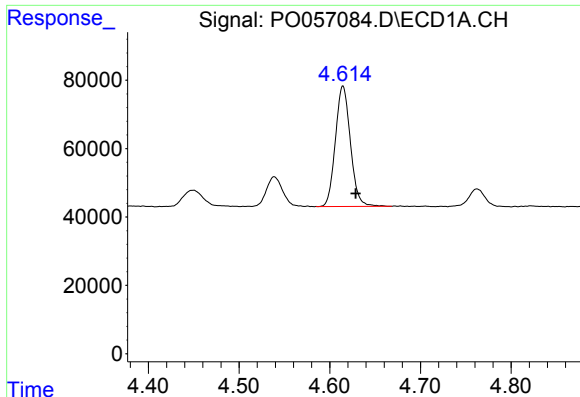
#10 AR-1221-3

R.T.: 4.615 min
Delta R.T.: -0.014 min
Response: 404889
Conc: 273.93 ng/ml



#10 AR-1221-3

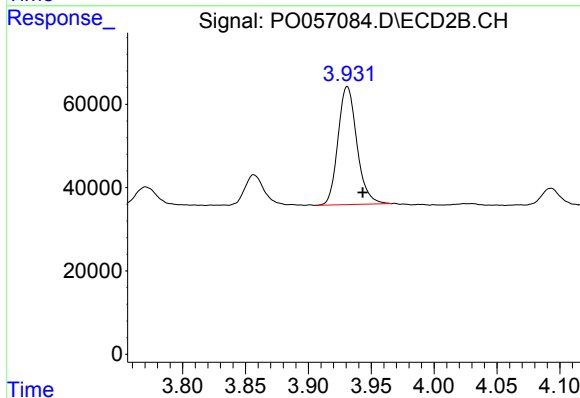
R.T.: 3.931 min
Delta R.T.: -0.012 min
Response: 296026
Conc: 247.30 ng/ml



#11 AR-1232-1

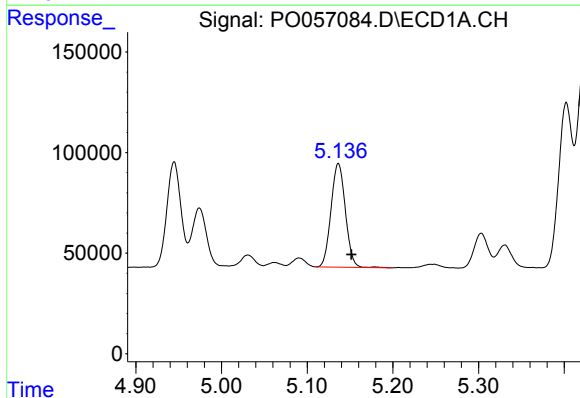
R.T.: 4.615 min
Delta R.T.: -0.014 min
Response: 404889
Conc: 343.60 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



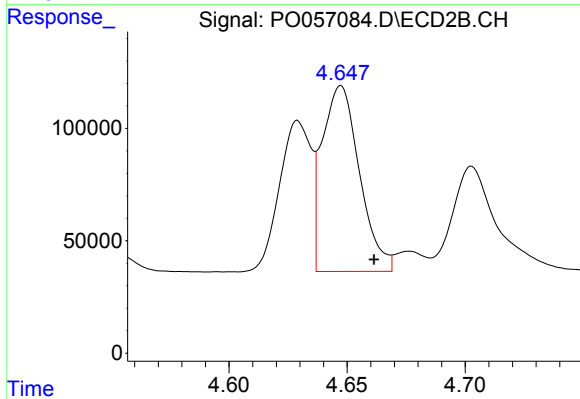
#11 AR-1232-1

R.T.: 3.931 min
Delta R.T.: -0.012 min
Response: 296026
Conc: 329.52 ng/ml



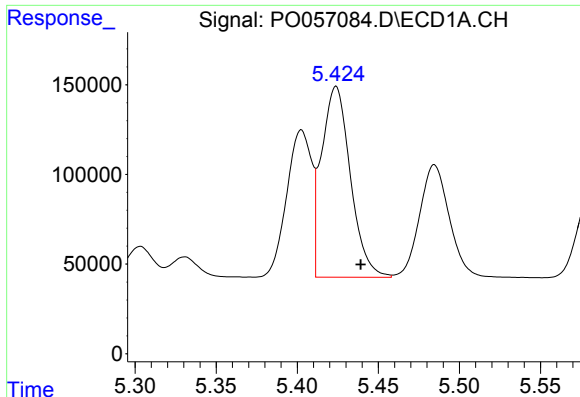
#12 AR-1232-2

R.T.: 5.136 min
Delta R.T.: -0.015 min
Response: 600539
Conc: 905.74 ng/ml



#12 AR-1232-2

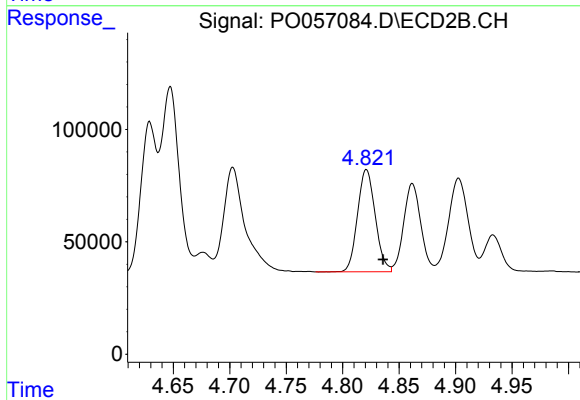
R.T.: 4.647 min
Delta R.T.: -0.014 min
Response: 908682
Conc: 934.97 ng/ml



#13 AR-1232-3

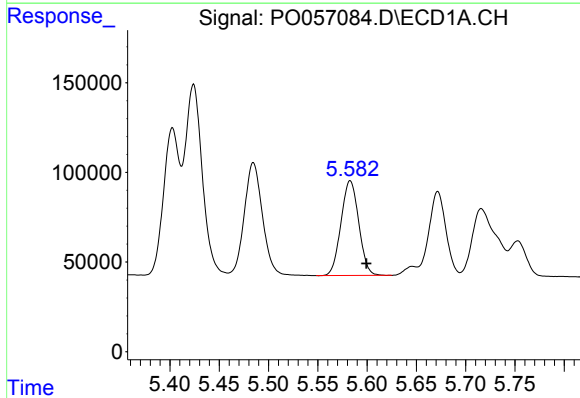
R.T.: 5.424 min
Delta R.T.: -0.015 min
Response: 1319777
Conc: 930.30 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



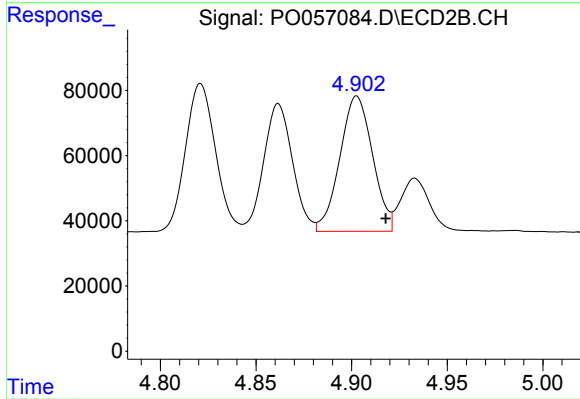
#13 AR-1232-3

R.T.: 4.821 min
Delta R.T.: -0.015 min
Response: 496163
Conc: 948.16 ng/ml



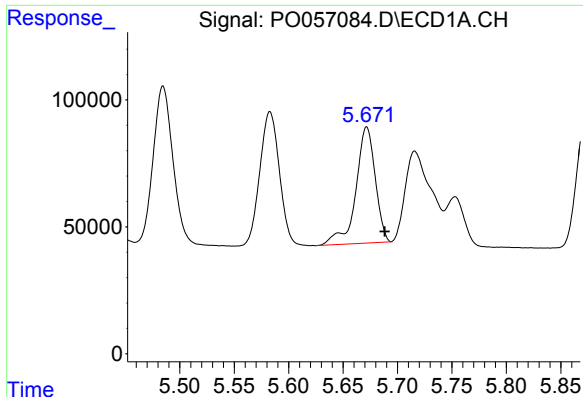
#14 AR-1232-4

R.T.: 5.583 min
Delta R.T.: -0.016 min
Response: 662355
Conc: 940.94 ng/ml



#14 AR-1232-4

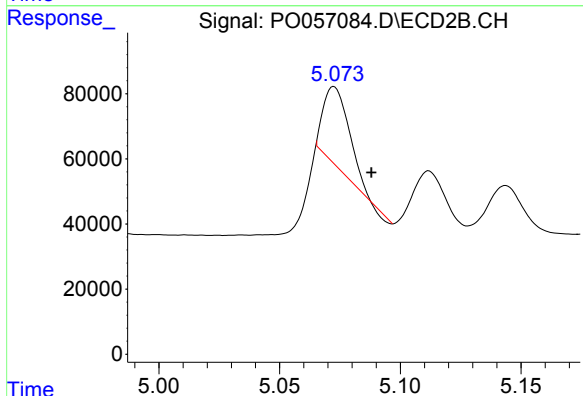
R.T.: 4.903 min
Delta R.T.: -0.015 min
Response: 495185
Conc: 1005.07 ng/ml



#15 AR-1232-5

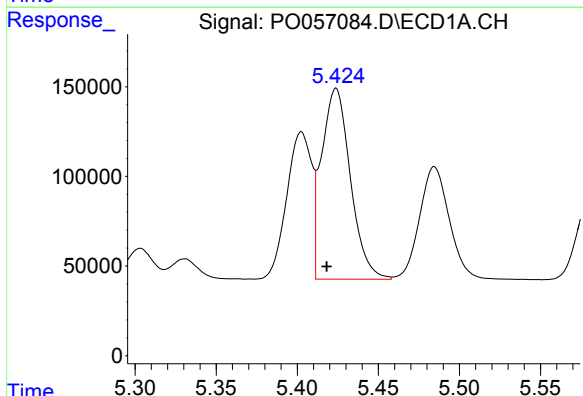
R.T.: 5.672 min
Delta R.T.: -0.016 min
Response: 567327
Conc: 1003.43 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



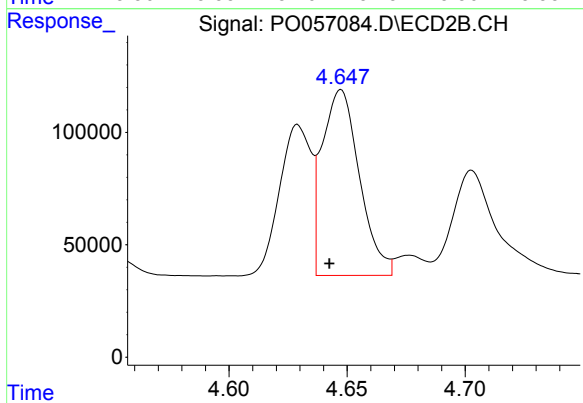
#15 AR-1232-5

R.T.: 5.073 min
Delta R.T.: -0.015 min
Response: 177198
Conc: 314.60 ng/ml



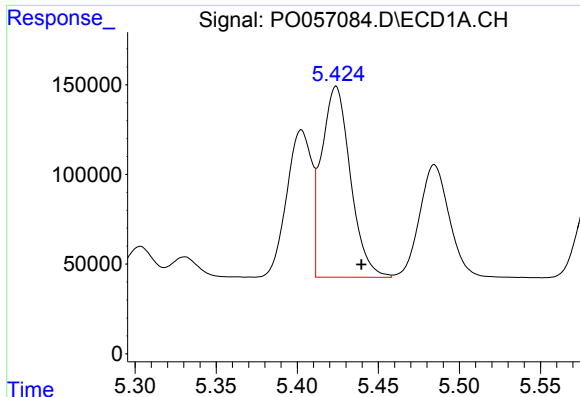
#16 AR-1242-1

R.T.: 5.424 min
Delta R.T.: 0.006 min
Response: 1319777
Conc: 765.00 ng/ml



#16 AR-1242-1

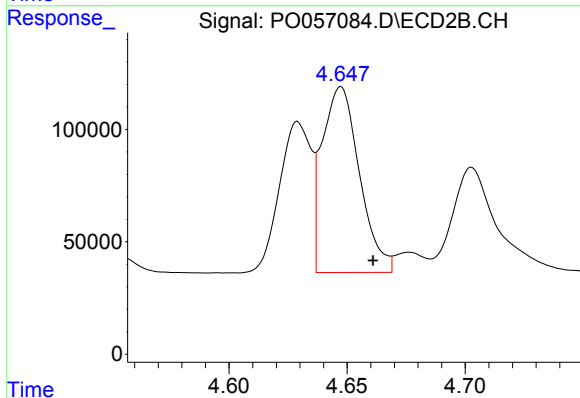
R.T.: 4.647 min
Delta R.T.: 0.005 min
Response: 908682
Conc: 733.65 ng/ml



#17 AR-1242-2

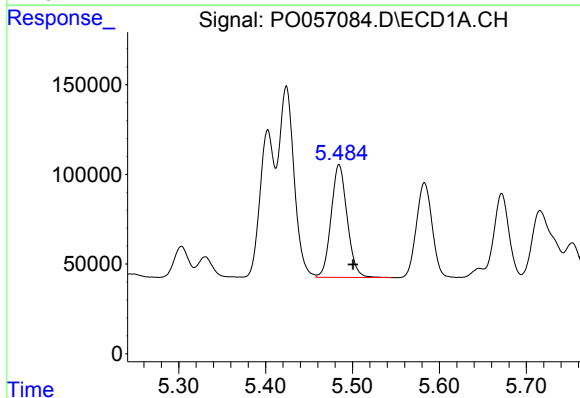
R.T.: 5.424 min
Delta R.T.: -0.016 min
Response: 1319777
Conc: 519.85 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



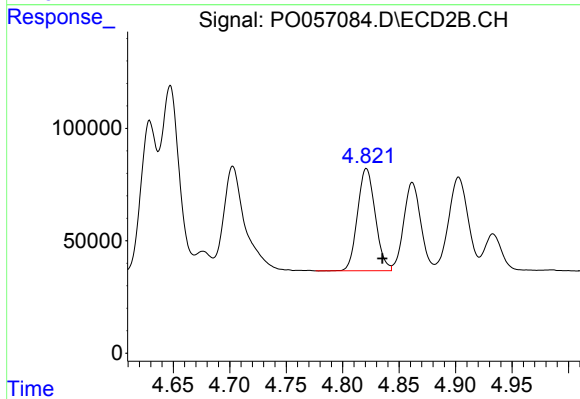
#17 AR-1242-2

R.T.: 4.647 min
Delta R.T.: -0.014 min
Response: 908682
Conc: 505.27 ng/ml



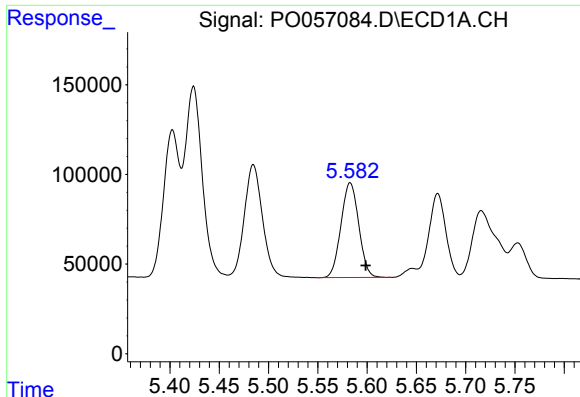
#18 AR-1242-3

R.T.: 5.485 min
Delta R.T.: -0.016 min
Response: 806506
Conc: 496.00 ng/ml



#18 AR-1242-3

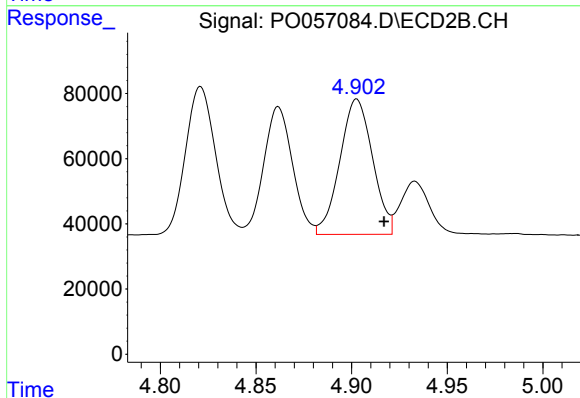
R.T.: 4.821 min
Delta R.T.: -0.014 min
Response: 496163
Conc: 504.69 ng/ml



#19 AR-1242-4

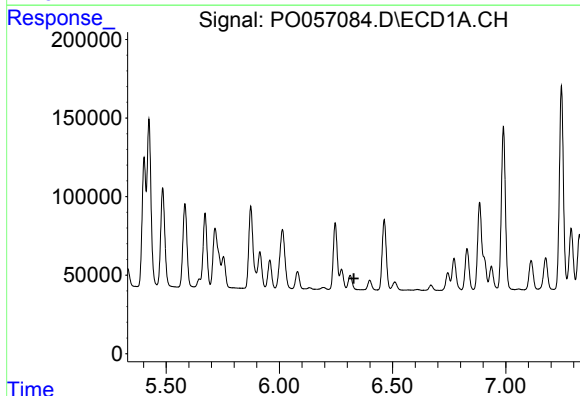
R.T.: 5.583 min
Delta R.T.: -0.016 min
Response: 662355
Conc: 495.51 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



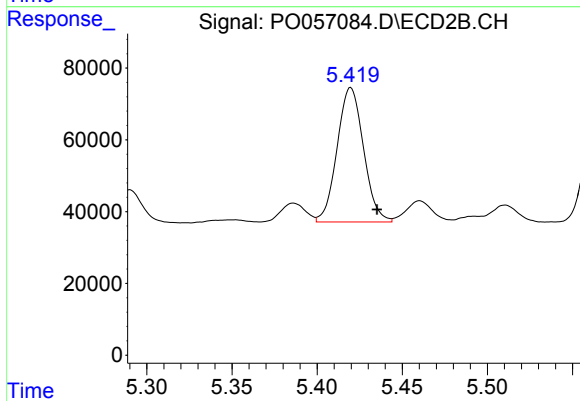
#19 AR-1242-4

R.T.: 4.903 min
Delta R.T.: -0.014 min
Response: 495185
Conc: 508.87 ng/ml



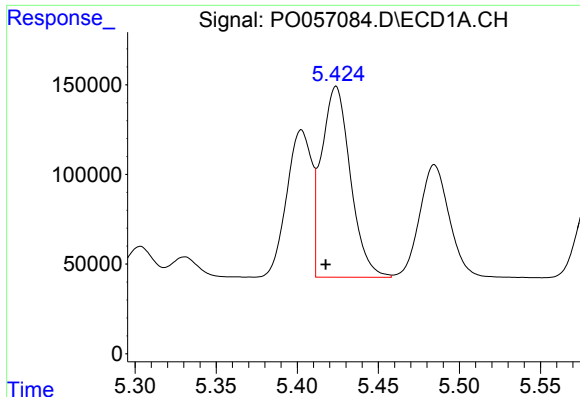
#20 AR-1242-5

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



#20 AR-1242-5

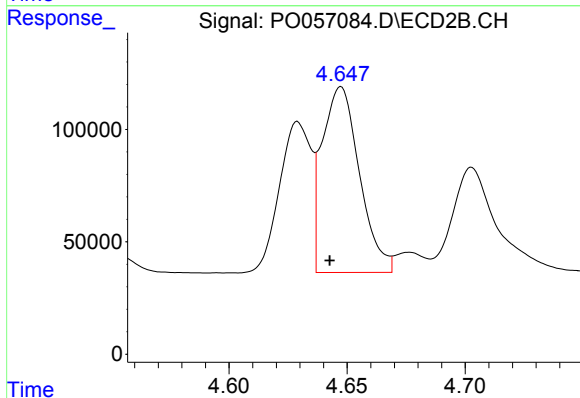
R.T.: 5.420 min
Delta R.T.: -0.015 min
Response: 405116
Conc: 342.66 ng/ml



#21 AR-1248-1

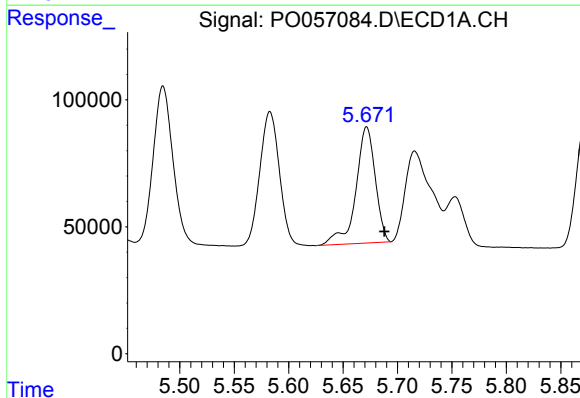
R.T.: 5.424 min
Delta R.T.: 0.006 min
Response: 1319777
Conc: 1024.26 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



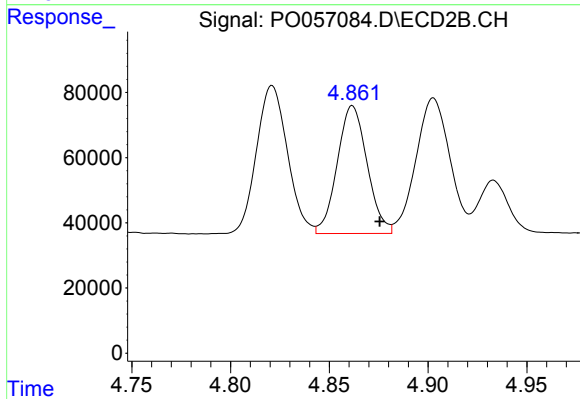
#21 AR-1248-1

R.T.: 4.647 min
Delta R.T.: 0.005 min
Response: 908682
Conc: 970.28 ng/ml



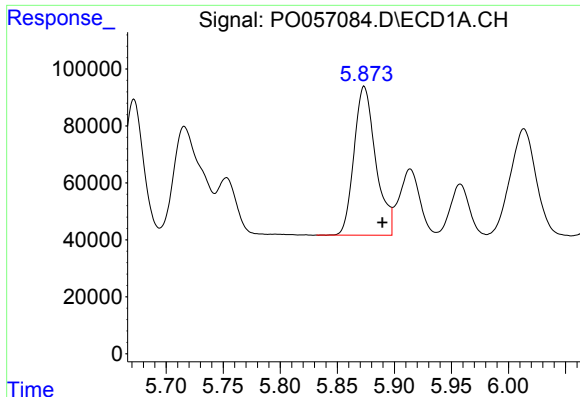
#22 AR-1248-2

R.T.: 5.672 min
Delta R.T.: -0.016 min
Response: 567327
Conc: 304.54 ng/ml



#22 AR-1248-2

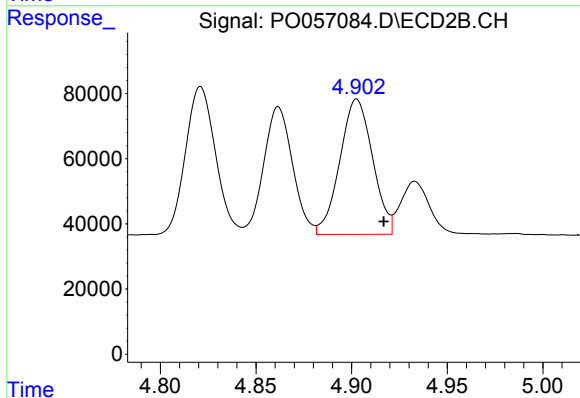
R.T.: 4.862 min
Delta R.T.: -0.014 min
Response: 412964
Conc: 325.05 ng/ml



#23 AR-1248-3

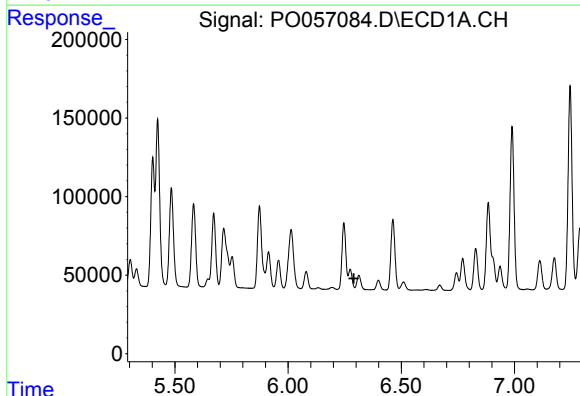
R.T.: 5.874 min
Delta R.T.: -0.016 min
Response: 691090
Conc: 336.89 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



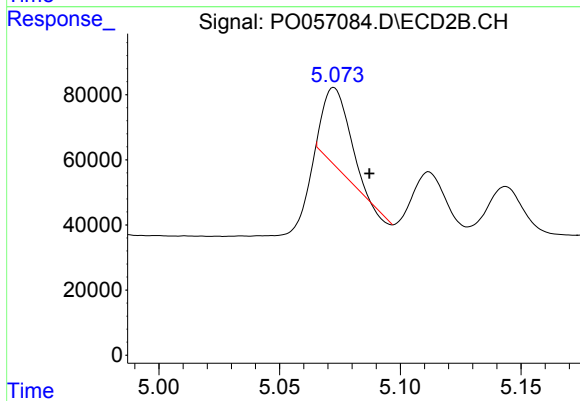
#23 AR-1248-3

R.T.: 4.903 min
Delta R.T.: -0.014 min
Response: 495185
Conc: 379.19 ng/ml



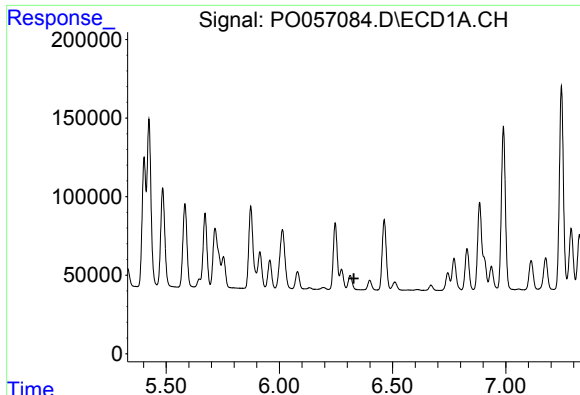
#24 AR-1248-4

R.T.: 0.000 min
Exp R.T. : 6.291 min
Response: 0
Conc: N.D.



#24 AR-1248-4

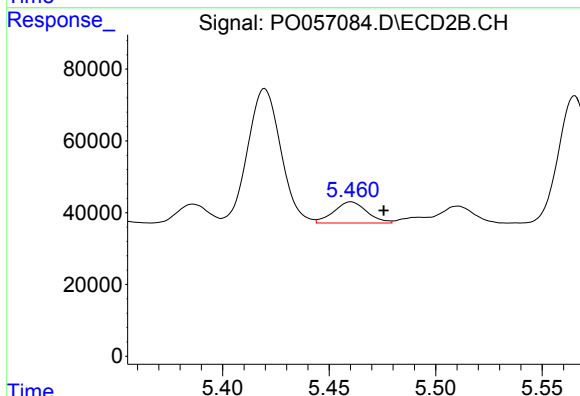
R.T.: 5.073 min
Delta R.T.: -0.015 min
Response: 177198
Conc: 111.89 ng/ml



#25 AR-1248-5

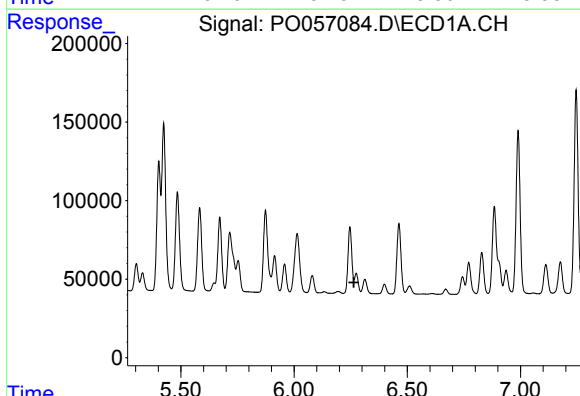
R.T.: 0.000 min
Exp R.T.: 6.329 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



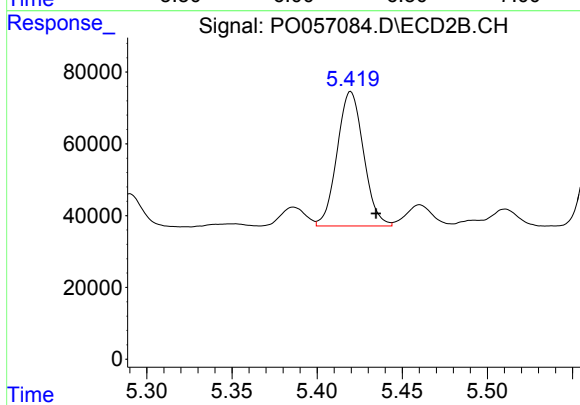
#25 AR-1248-5

R.T.: 5.460 min
Delta R.T.: -0.015 min
Response: 63890
Conc: 38.60 ng/ml



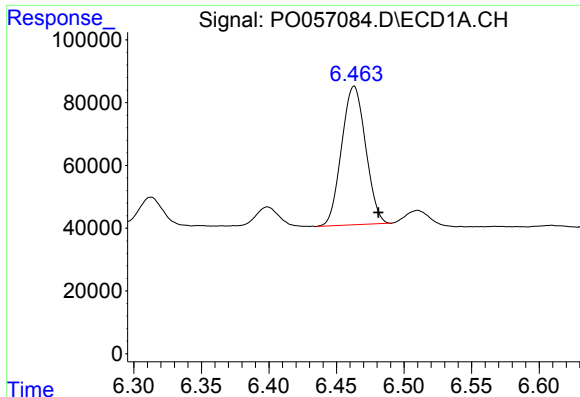
#26 AR-1254-1

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



#26 AR-1254-1

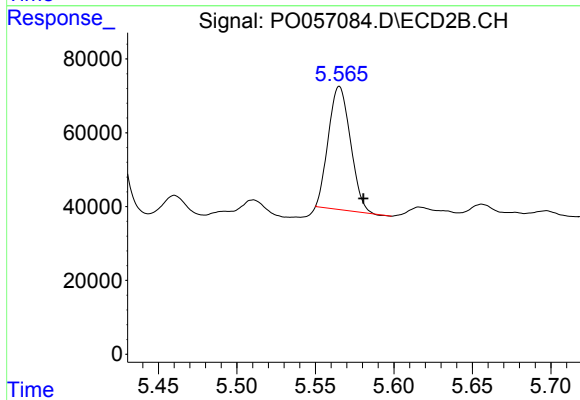
R.T.: 5.420 min
Delta R.T.: -0.015 min
Response: 405116
Conc: 153.18 ng/ml



#27 AR-1254-2

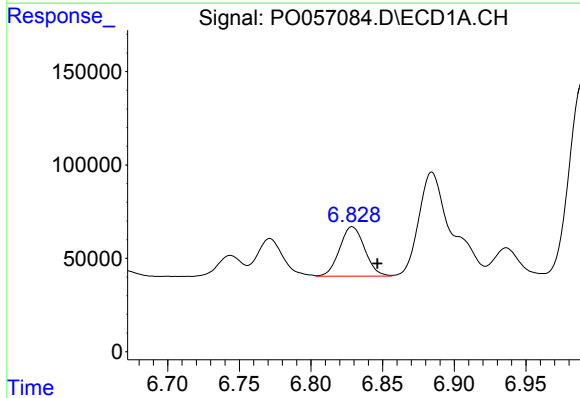
R.T.: 6.463 min
Delta R.T.: -0.018 min
Response: 545704
Conc: 140.50 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



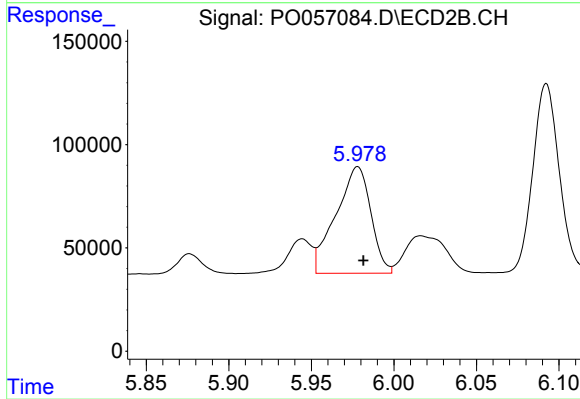
#27 AR-1254-2

R.T.: 5.565 min
Delta R.T.: -0.015 min
Response: 326417
Conc: 151.41 ng/ml



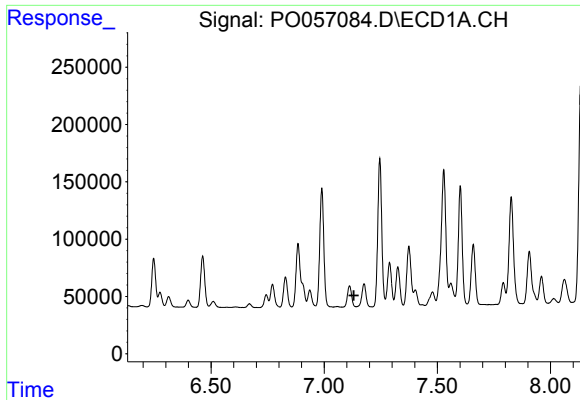
#28 AR-1254-3

R.T.: 6.829 min
Delta R.T.: -0.017 min
Response: 321796
Conc: 78.04 ng/ml



#28 AR-1254-3

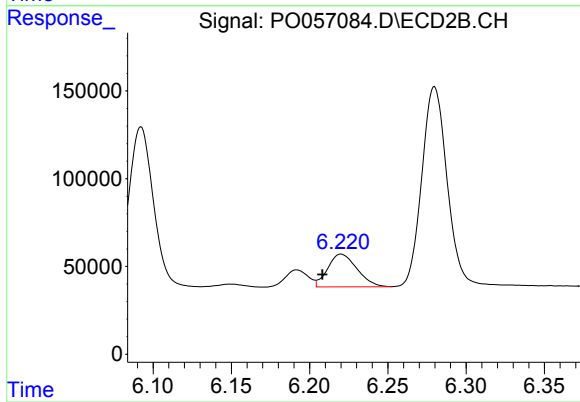
R.T.: 5.978 min
Delta R.T.: -0.004 min
Response: 759938
Conc: 207.57 ng/ml



#29 AR-1254-4

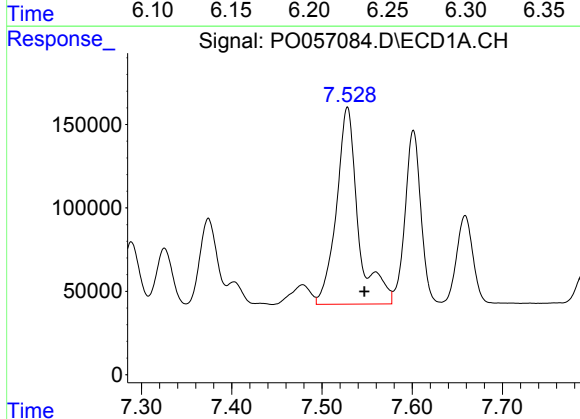
R.T.: 0.000 min
Exp R.T.: 7.131 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



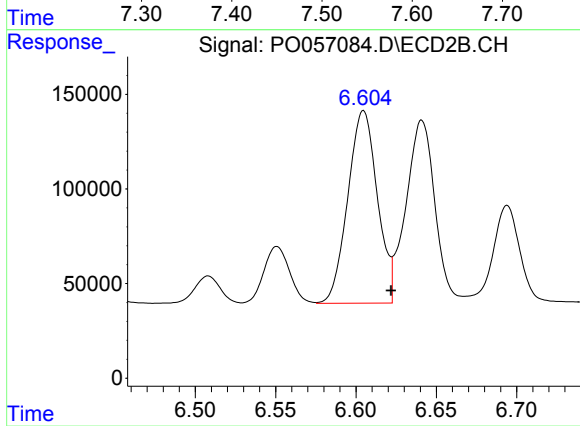
#29 AR-1254-4

R.T.: 6.220 min
Delta R.T.: 0.012 min
Response: 242721
Conc: 110.48 ng/ml



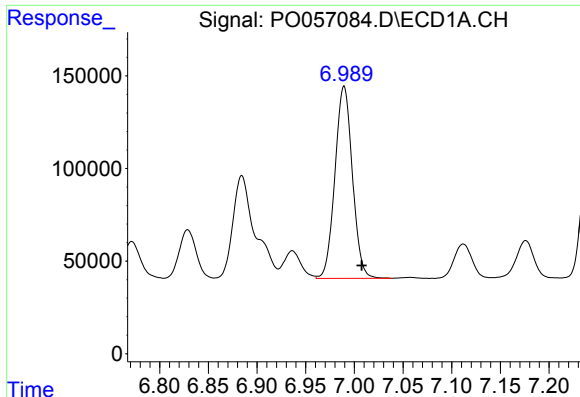
#30 AR-1254-5

R.T.: 7.528 min
Delta R.T.: -0.019 min
Response: 1991729
Conc: 528.92 ng/ml



#30 AR-1254-5

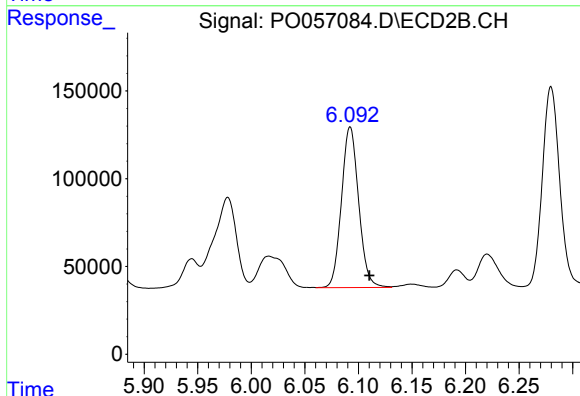
R.T.: 6.605 min
Delta R.T.: -0.017 min
Response: 1303716
Conc: 411.24 ng/ml



#31 AR-1260-1

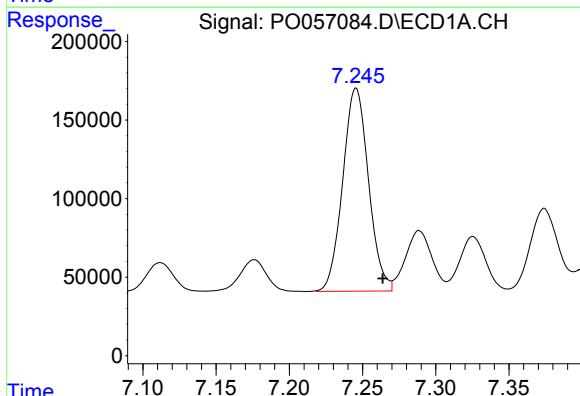
R.T.: 6.989 min
Delta R.T.: -0.018 min
Response: 1294489
Conc: 504.44 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



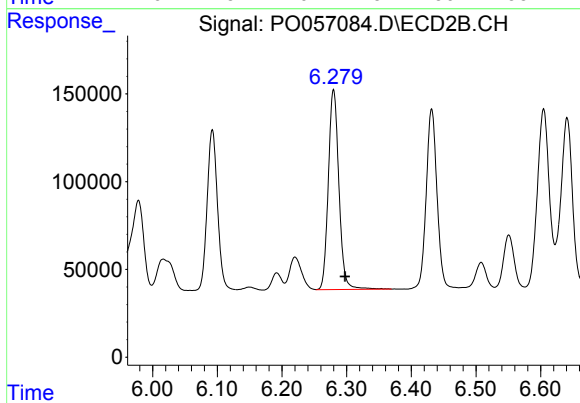
#31 AR-1260-1

R.T.: 6.092 min
Delta R.T.: -0.018 min
Response: 1020483
Conc: 510.14 ng/ml



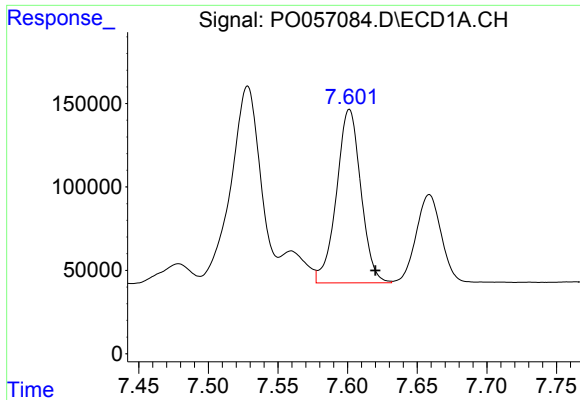
#32 AR-1260-2

R.T.: 7.246 min
Delta R.T.: -0.018 min
Response: 1584716
Conc: 524.02 ng/ml



#32 AR-1260-2

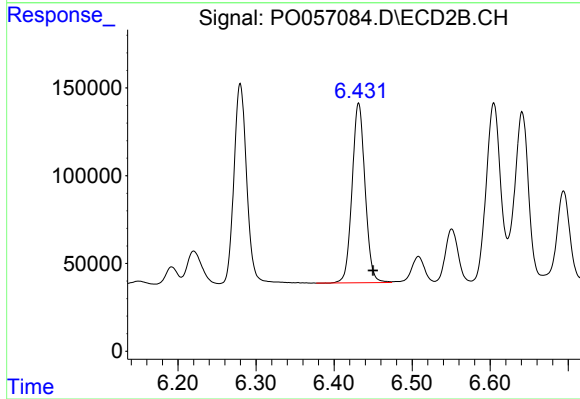
R.T.: 6.280 min
Delta R.T.: -0.018 min
Response: 1294975
Conc: 525.35 ng/ml



#33 AR-1260-3

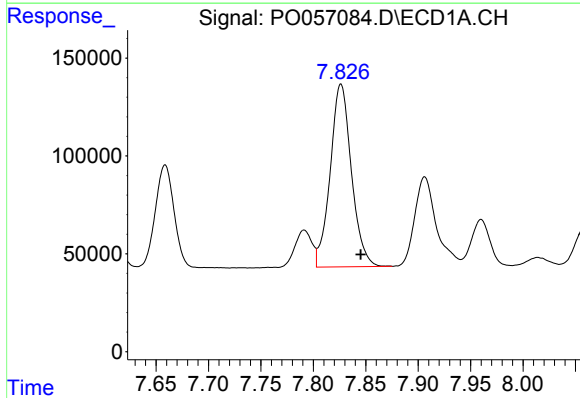
R.T.: 7.601 min
Delta R.T.: -0.019 min
Response: 1269080
Conc: 526.80 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



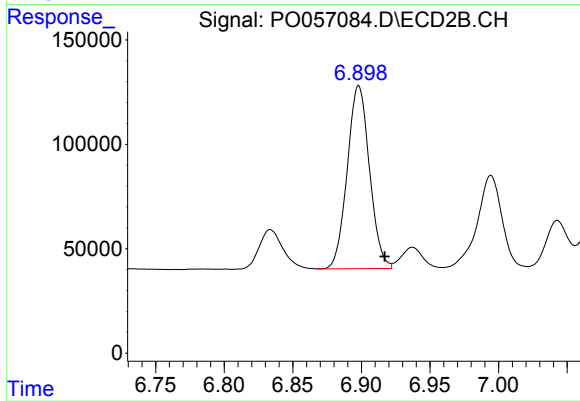
#33 AR-1260-3

R.T.: 6.432 min
Delta R.T.: -0.018 min
Response: 1182829
Conc: 527.29 ng/ml



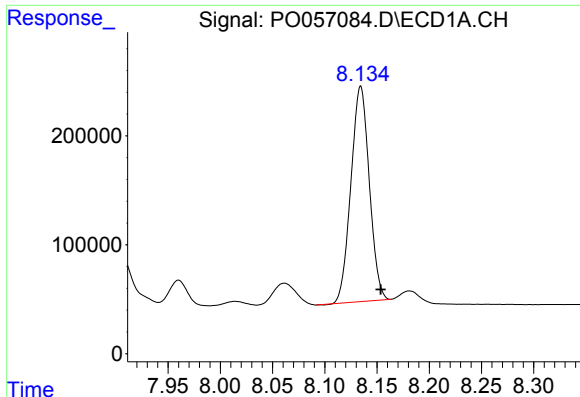
#34 AR-1260-4

R.T.: 7.826 min
Delta R.T.: -0.019 min
Response: 1315582
Conc: 502.28 ng/ml



#34 AR-1260-4

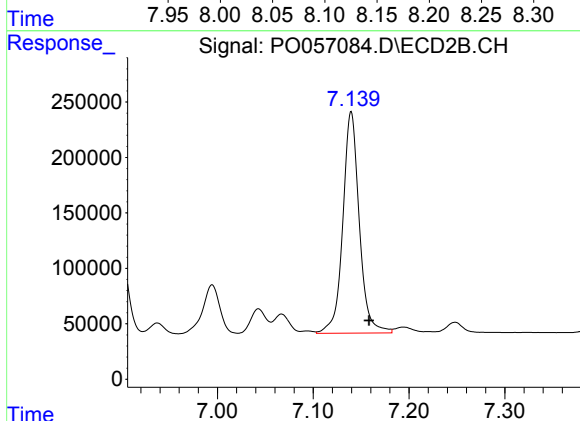
R.T.: 6.898 min
Delta R.T.: -0.019 min
Response: 988544
Conc: 531.18 ng/ml



#35 AR-1260-5

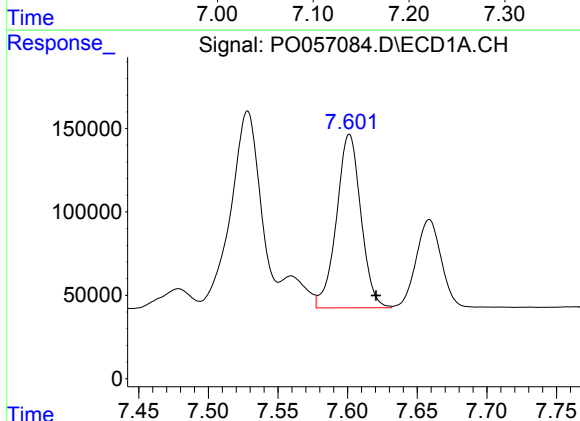
R.T.: 8.134 min
Delta R.T.: -0.019 min
Response: 2420501
Conc: 506.16 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



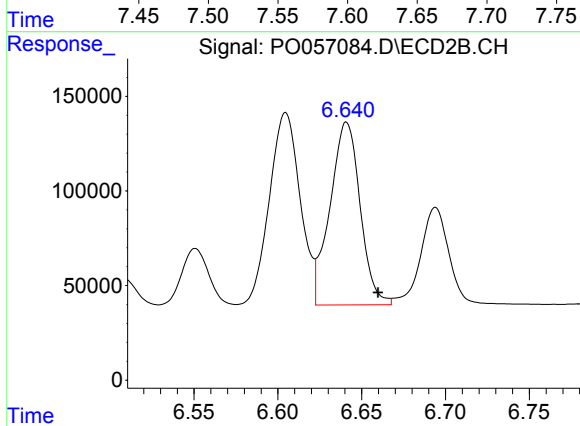
#35 AR-1260-5

R.T.: 7.140 min
Delta R.T.: -0.018 min
Response: 2382509
Conc: 552.49 ng/ml



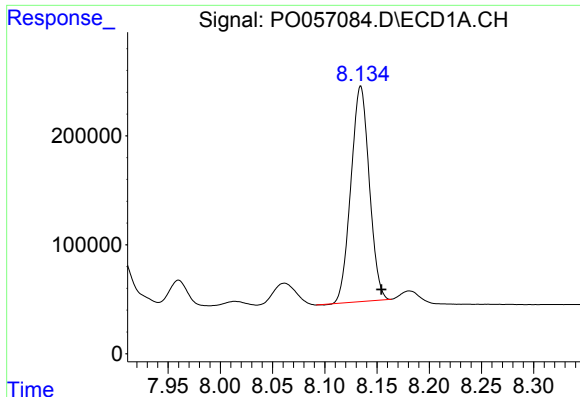
#36 AR-1262-1

R.T.: 7.601 min
Delta R.T.: -0.019 min
Response: 1269080
Conc: 271.35 ng/ml



#36 AR-1262-1

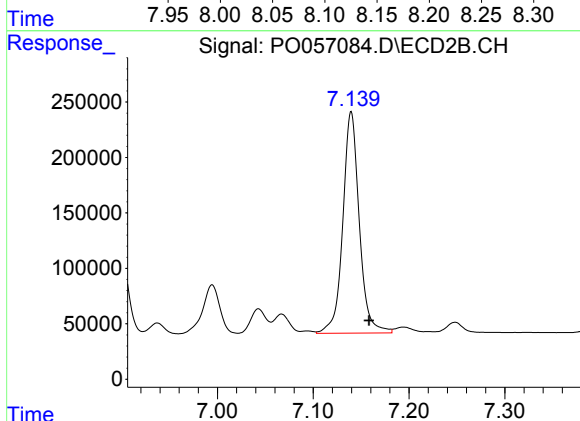
R.T.: 6.641 min
Delta R.T.: -0.019 min
Response: 1211661
Conc: 290.28 ng/ml



#37 AR-1262-2

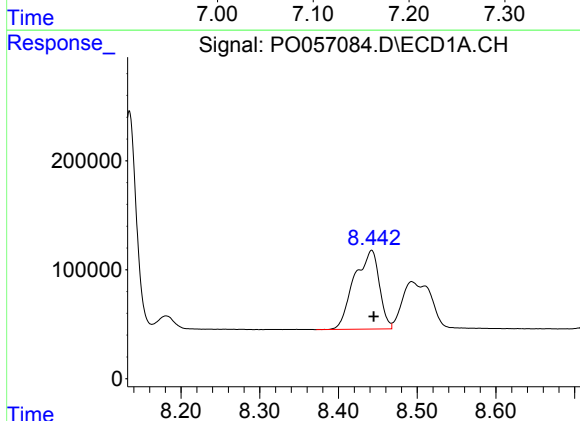
R.T.: 8.134 min
Delta R.T.: -0.020 min
Response: 2420501
Conc: 317.49 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



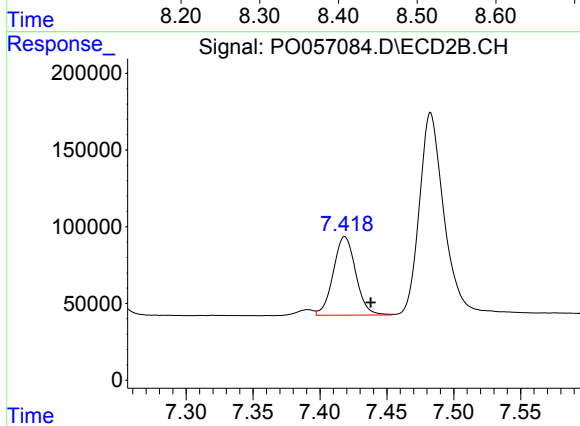
#37 AR-1262-2

R.T.: 7.140 min
Delta R.T.: -0.019 min
Response: 2382509
Conc: 346.77 ng/ml



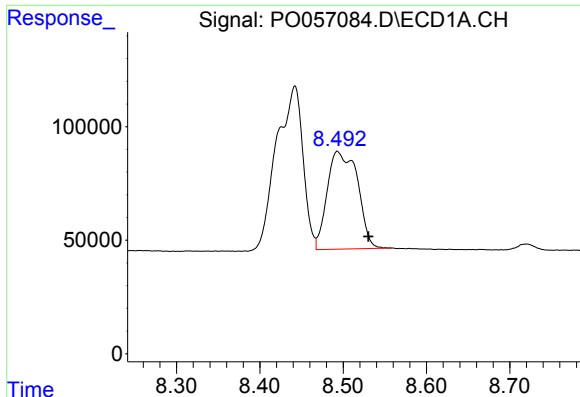
#38 AR-1262-3

R.T.: 8.442 min
Delta R.T.: -0.003 min
Response: 1597196
Conc: 305.18 ng/ml



#38 AR-1262-3

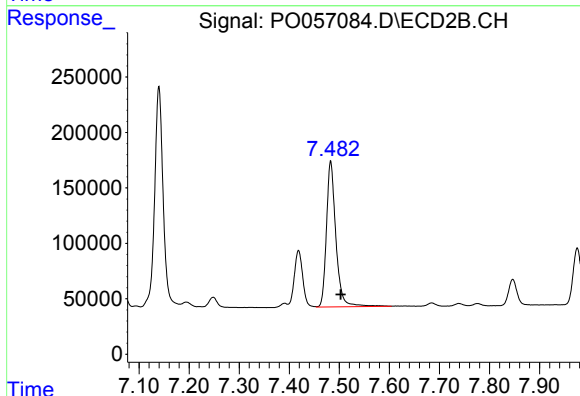
R.T.: 7.419 min
Delta R.T.: -0.020 min
Response: 597997
Conc: 202.48 ng/ml



#39 AR-1262-4

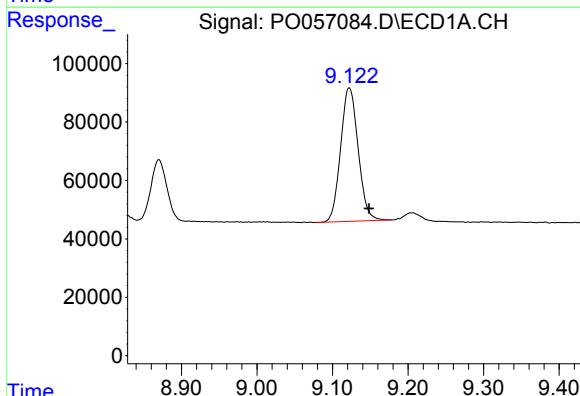
R.T.: 8.494 min
Delta R.T.: -0.037 min
Response: 1088179
Conc: 254.90 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



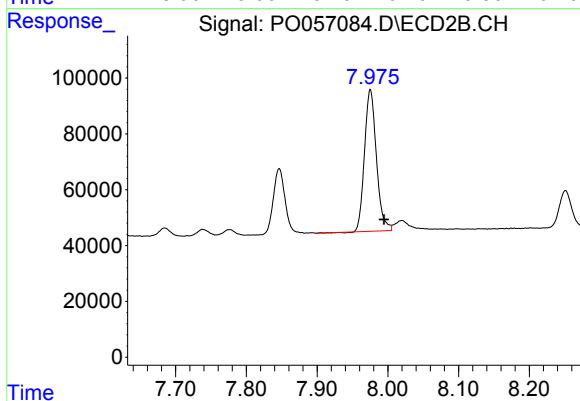
#39 AR-1262-4

R.T.: 7.483 min
Delta R.T.: -0.020 min
Response: 1717073
Conc: 329.53 ng/ml



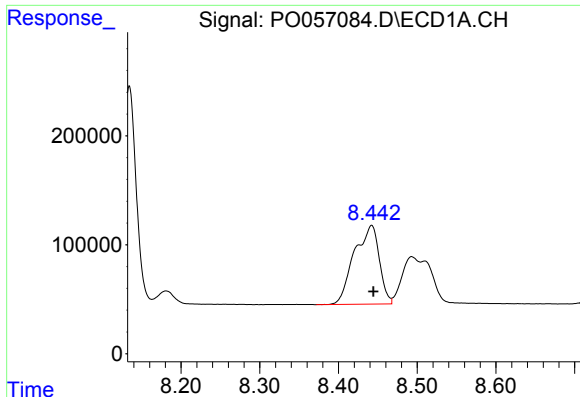
#40 AR-1262-5

R.T.: 9.122 min
Delta R.T.: -0.026 min
Response: 736920
Conc: 268.20 ng/ml



#40 AR-1262-5

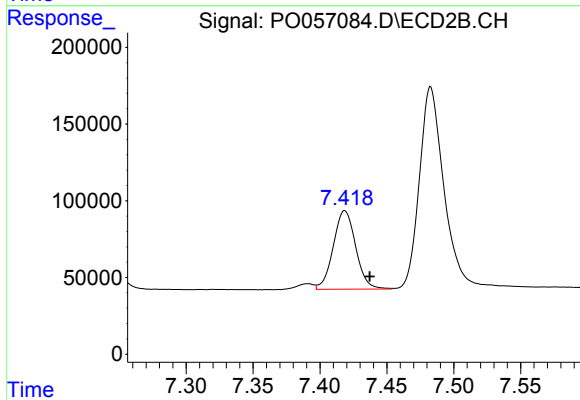
R.T.: 7.975 min
Delta R.T.: -0.019 min
Response: 594494
Conc: 256.01 ng/ml



#41 AR-1268-1

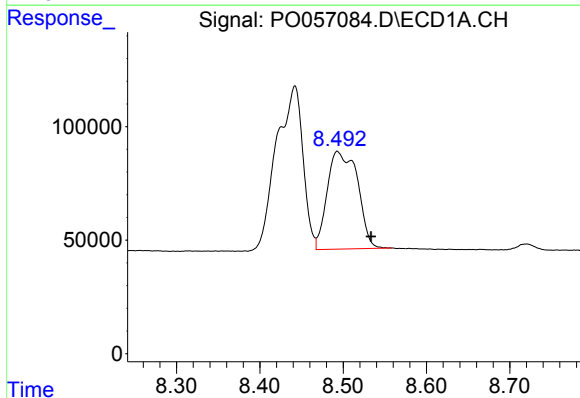
R.T.: 8.442 min
Delta R.T.: -0.002 min
Response: 1597196
Conc: 196.28 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



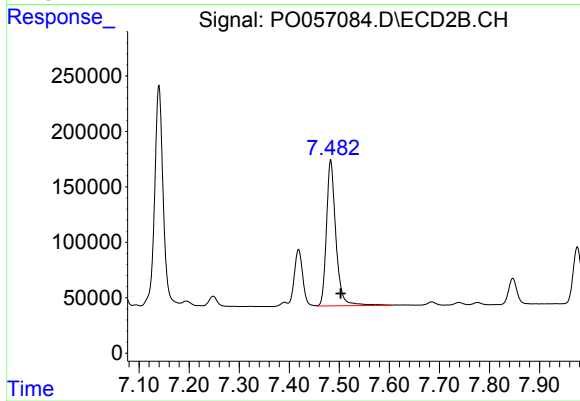
#41 AR-1268-1

R.T.: 7.419 min
Delta R.T.: -0.019 min
Response: 597997
Conc: 80.11 ng/ml



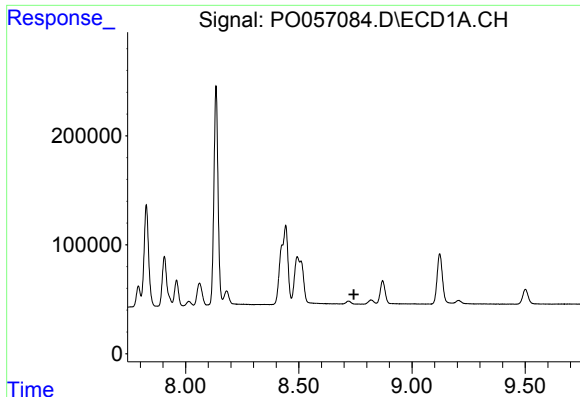
#42 AR-1268-2

R.T.: 8.494 min
Delta R.T.: -0.040 min
Response: 1088179
Conc: 134.51 ng/ml



#42 AR-1268-2

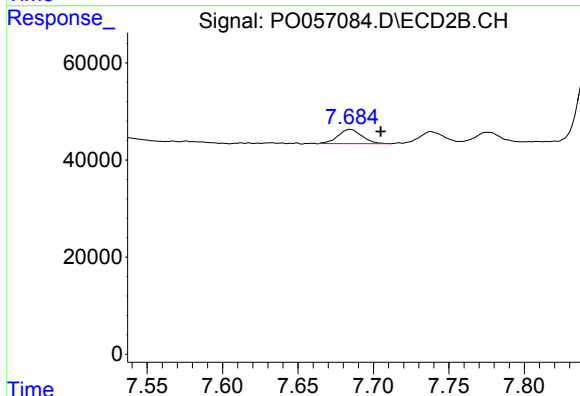
R.T.: 7.483 min
Delta R.T.: -0.020 min
Response: 1717073
Conc: 245.89 ng/ml



#43 AR-1268-3

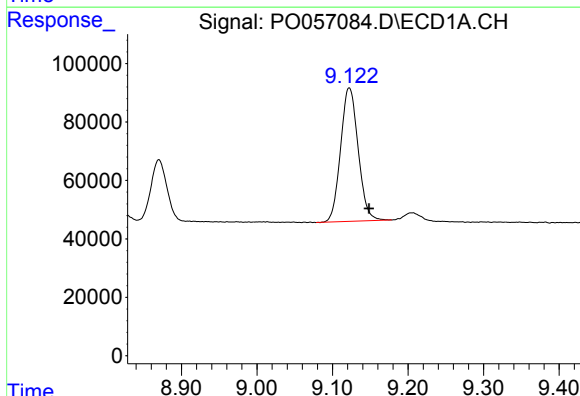
R.T.: 0.000 min
Exp R.T.: 8.743 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



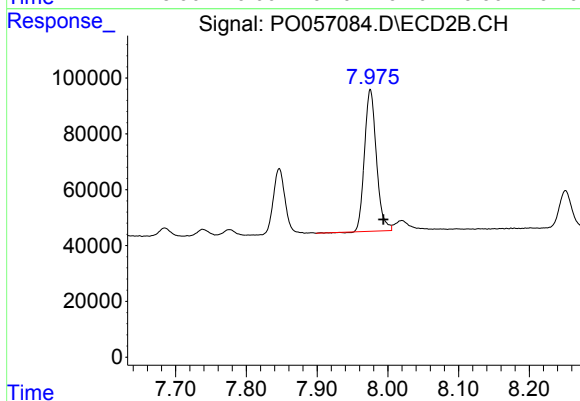
#43 AR-1268-3

R.T.: 7.685 min
Delta R.T.: -0.020 min
Response: 32040
Conc: 5.40 ng/ml



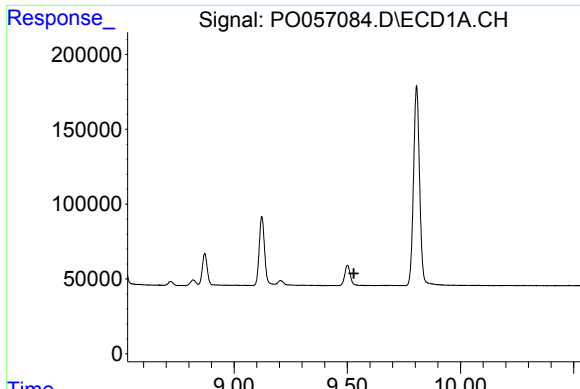
#44 AR-1268-4

R.T.: 9.122 min
Delta R.T.: -0.026 min
Response: 736920
Conc: 270.22 ng/ml



#44 AR-1268-4

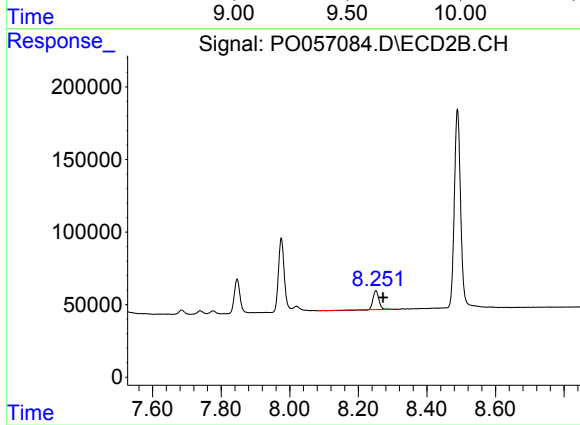
R.T.: 7.975 min
Delta R.T.: -0.019 min
Response: 594494
Conc: 254.68 ng/ml



#45 AR-1268-5

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

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



#45 AR-1268-5

R.T.: 8.251 min
Delta R.T.: -0.021 min
Response: 143497
Conc: 8.29 ng/ml