

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0051719\
 Data File : P0056325.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 17 May 2019 20:32
 Operator : SM/SJ
 Sample : K2884-03MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 MW-00-20190515MSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 17 23:47:12 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0051719.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri May 17 23:42:43 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...	4.259	3.577	709463	633470	15.286	15.074
2)	SA Decachlor...	9.842	8.517	536801	438219	11.177	10.791
Target Compounds							
3)	L1 AR-1016-1	5.418	4.645	202464	169402	98.240	96.823
4)	L1 AR-1016-2	5.441	4.664	281367	233724	96.525	96.283
5)	L1 AR-1016-3	5.502	4.838	171808	127100	93.628	95.454
6)	L1 AR-1016-4	0.000	4.879	0	98701	N.D.	90.738 #
7)	L1 AR-1016-5	0.000	5.089	0	130647	N.D.	92.263 #
10)	L2 AR-1221-3	0.000	3.946	0	77314	N.D.	65.465 #
11)	L3 AR-1232-1	0.000	3.946	0	77314	N.D.	52.482 #
12)	L3 AR-1232-2	0.000	4.664	0	233724	N.D.	140.177 #
13)	L3 AR-1232-3	5.441	4.838	281367	127100	142.639	140.431
14)	L3 AR-1232-4	0.000	4.920	0	118196	N.D.	149.876 #
15)	L3 AR-1232-5	0.000	5.089	0	130647	N.D.	146.794 #
16)	L4 AR-1242-1	5.418	4.645	202464	169402	125.424	125.717
17)	L4 AR-1242-2	5.441	4.664	281367	233724	124.044	123.805
18)	L4 AR-1242-3	5.502	4.838	171808	127100	118.403	121.245
19)	L4 AR-1242-4	0.000	4.920	0	118196	N.D.	116.513 #
20)	L4 AR-1242-5	0.000	5.438	0	100597	N.D.	79.680 #
21)	L5 AR-1248-1	5.418	4.645	202464	169402	161.246	157.889
22)	L5 AR-1248-2	0.000	4.879	0	98701	N.D.	70.289 #
23)	L5 AR-1248-3	0.000	4.920	0	118196	N.D.	82.282 #
24)	L5 AR-1248-4	0.000	5.089	0	130647	N.D.	73.504 #
25)	L5 AR-1248-5	0.000	5.438	0	100597	N.D.	58.962 #
26)	L6 AR-1254-1	0.000	5.438	0	100597	N.D.	35.599 #
27)	L6 AR-1254-2	0.000	5.583	0	96648	N.D.	39.264 #
28)	L6 AR-1254-3	0.000	5.997	0	172918	N.D.	42.918 #
29)	L6 AR-1254-4	0.000	6.239	0	54713	N.D.	21.925 #
30)	L6 AR-1254-5	7.548	6.624	267903	312001	88.406	87.126
31)	L7 AR-1260-1	7.008	6.111	260042	241212	93.188	92.134
32)	L7 AR-1260-2	7.266	6.299	288293	293094	87.506	89.131
33)	L7 AR-1260-3	0.000	6.451	0	262567	N.D.	88.073 #
34)	L7 AR-1260-4	7.846	6.918	212119	167494	75.162	67.607
35)	L7 AR-1260-5	8.155	7.160	341091	377350	66.329	64.811
36)	L8 AR-1262-1	0.000	6.661	0	205864	N.D.	52.095 #
37)	L8 AR-1262-2	8.155	7.160	341091	377350	57.958	58.322
38)	L8 AR-1262-3	0.000	7.439	0	82110	N.D.	29.996 #
39)	L8 AR-1262-4	0.000	7.504	0	256793	N.D.	55.240 #
40)	L8 AR-1262-5	0.000	7.997	0	69380	N.D.	33.334 #
41)	L9 AR-1268-1	0.000	7.439	0	82110	N.D.	10.755 #
42)	L9 AR-1268-2	0.000	7.504	0	256793	N.D.	38.405 #
44)	L9 AR-1268-4	0.000	7.997	0	69380	N.D.	30.979 #

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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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MW-00-20190515MSD

Integration File signal 1: autoint1.e
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Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0051719.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri May 17 23:42:43 2019
Response via : Initial Calibration
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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

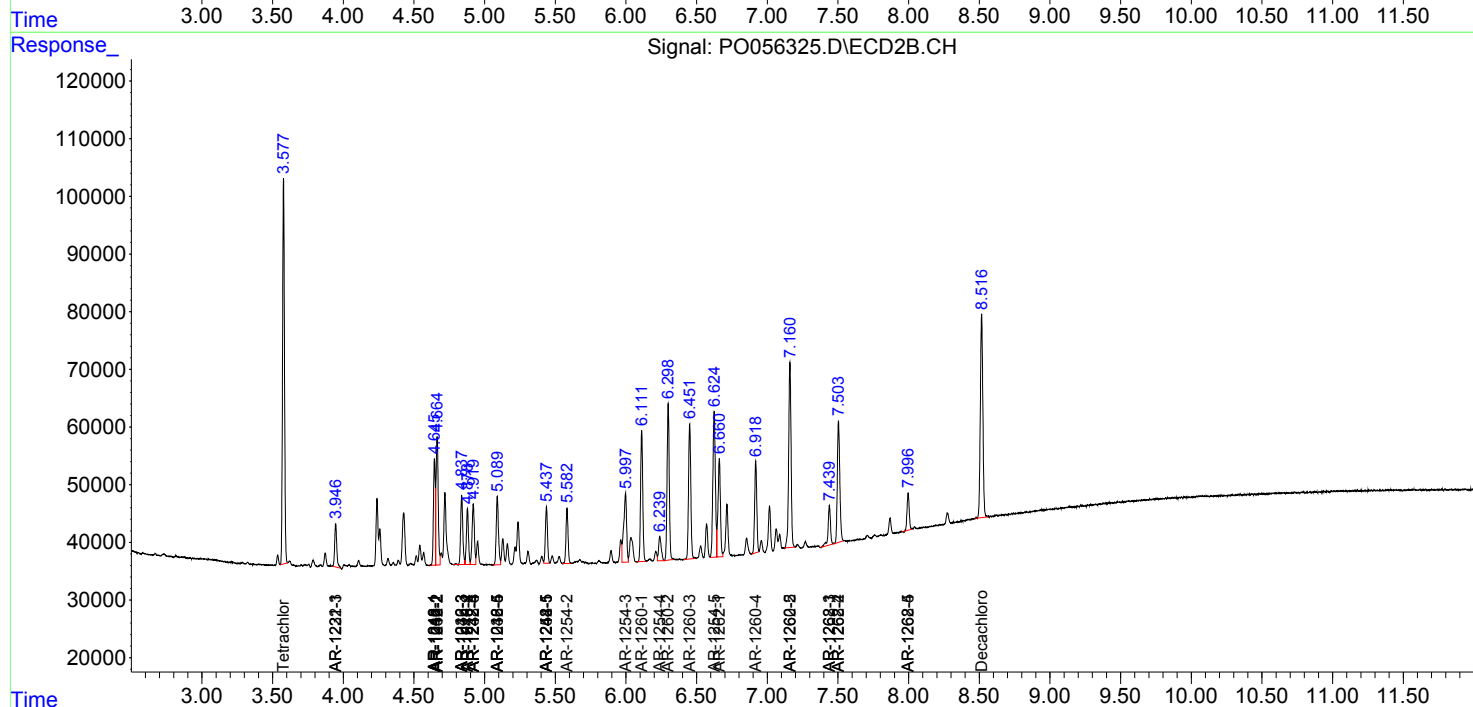
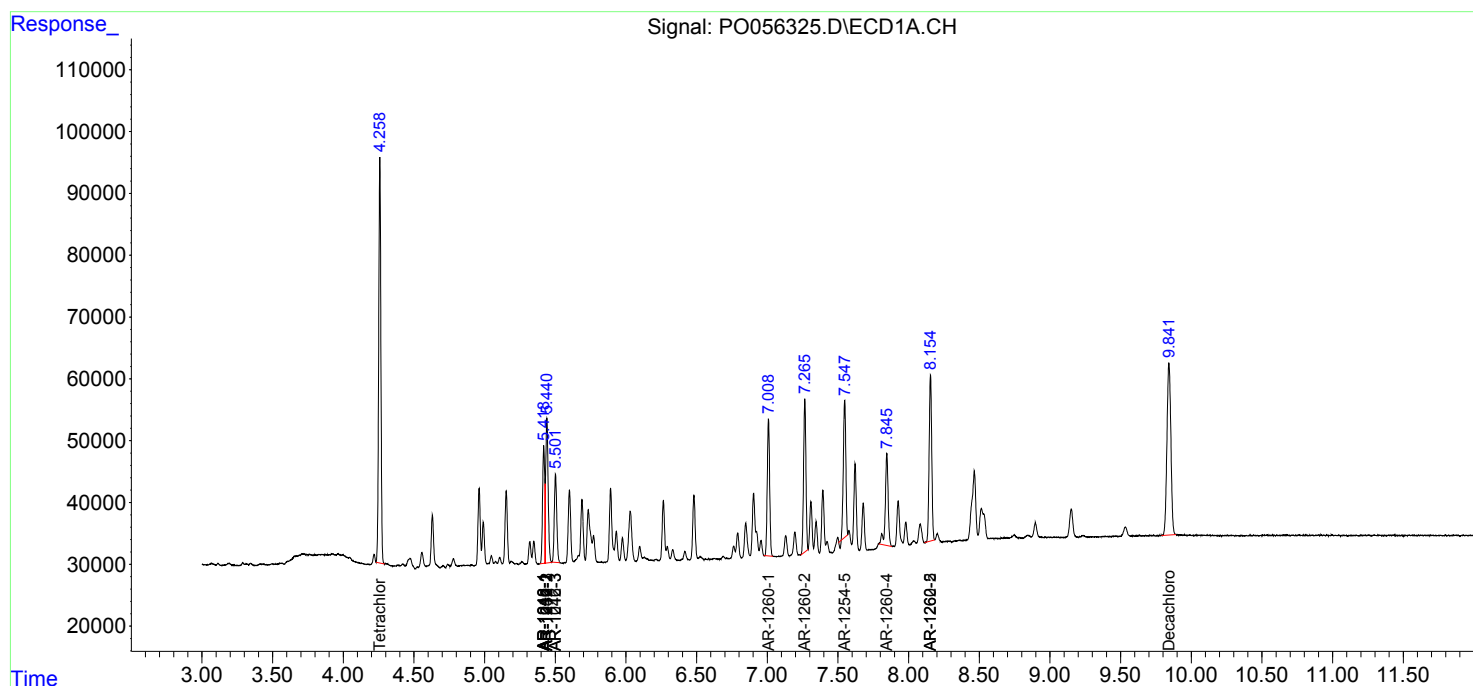
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

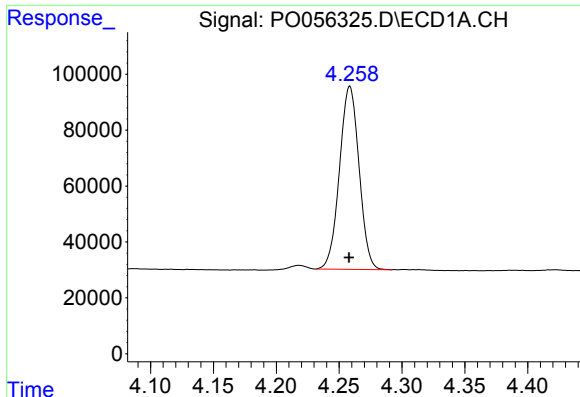
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0051719\
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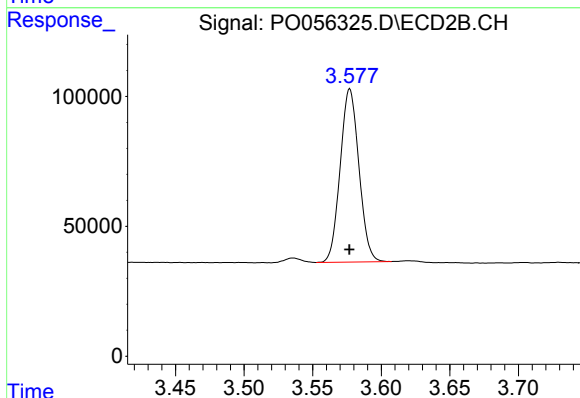




#1 Tetrachloro-m-xylene

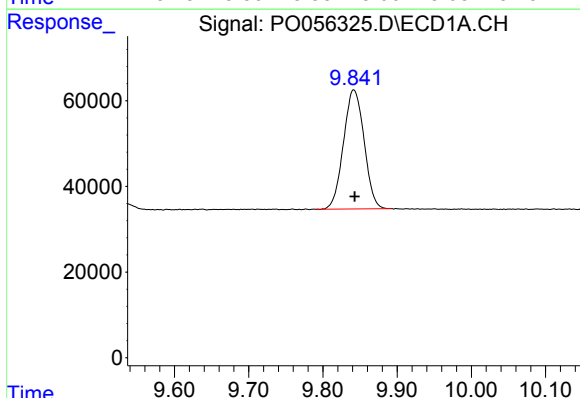
R.T.: 4.259 min
Delta R.T.: 0.000 min
Response: 709463
Conc: 15.29 ng/ml

Instrument :
ECD_O
ClientSampleId :
MW-00-20190515MSD



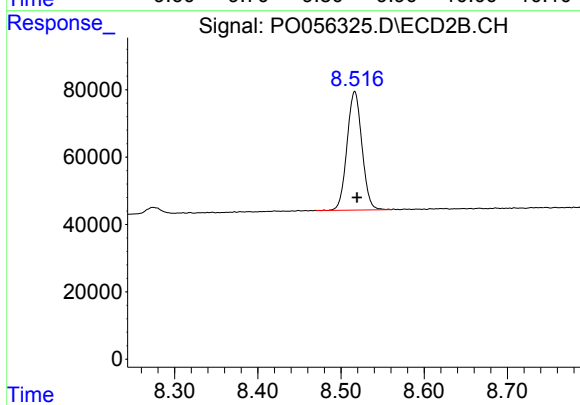
#1 Tetrachloro-m-xylene

R.T.: 3.577 min
Delta R.T.: 0.000 min
Response: 633470
Conc: 15.07 ng/ml



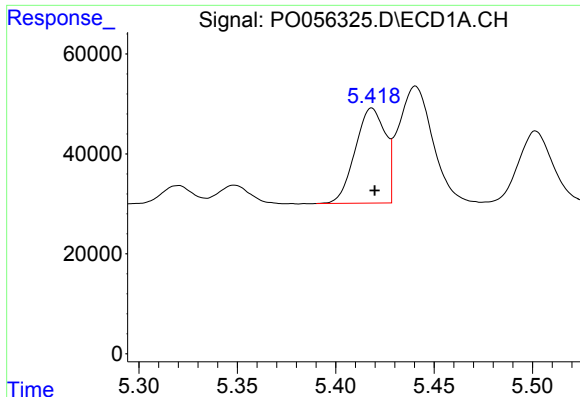
#2 Decachlorobiphenyl

R.T.: 9.842 min
Delta R.T.: -0.001 min
Response: 536801
Conc: 11.18 ng/ml



#2 Decachlorobiphenyl

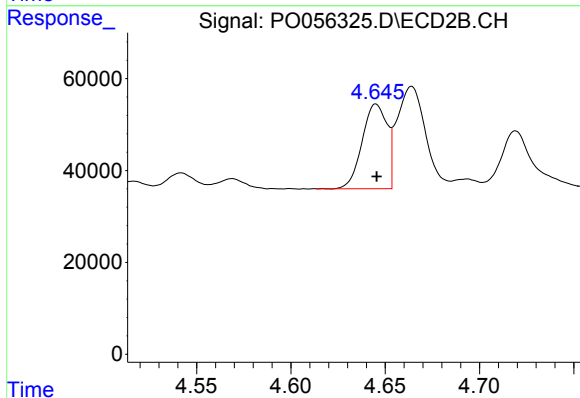
R.T.: 8.517 min
Delta R.T.: -0.003 min
Response: 438219
Conc: 10.79 ng/ml



#3 AR-1016-1

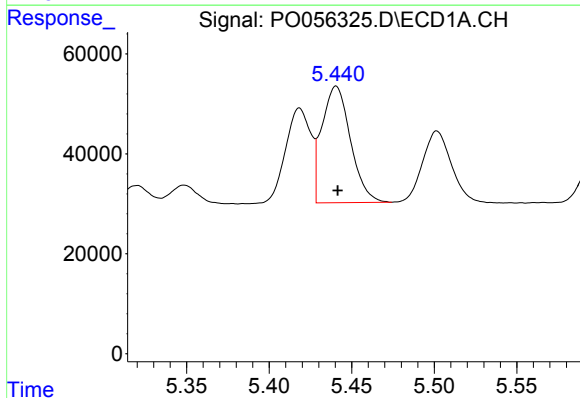
R.T.: 5.418 min
Delta R.T.: -0.001 min
Response: 202464
Conc: 98.24 ng/ml

Instrument :
ECD_O
ClientSampleId :
MW-00-20190515MSD



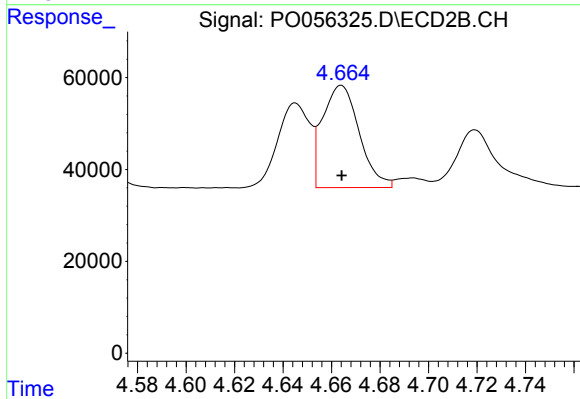
#3 AR-1016-1

R.T.: 4.645 min
Delta R.T.: 0.000 min
Response: 169402
Conc: 96.82 ng/ml



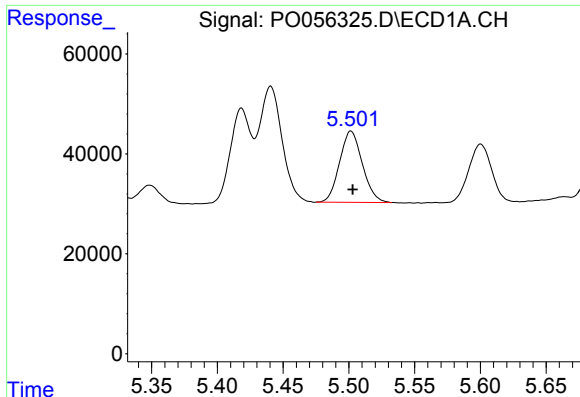
#4 AR-1016-2

R.T.: 5.441 min
Delta R.T.: 0.000 min
Response: 281367
Conc: 96.53 ng/ml



#4 AR-1016-2

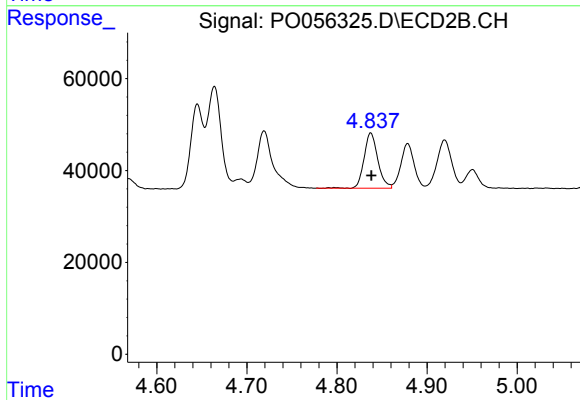
R.T.: 4.664 min
Delta R.T.: 0.000 min
Response: 233724
Conc: 96.28 ng/ml



#5 AR-1016-3

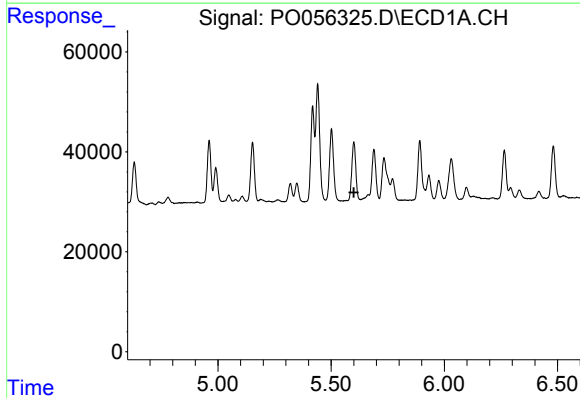
R.T.: 5.502 min
Delta R.T.: -0.001 min
Response: 171808
Conc: 93.63 ng/ml

Instrument :
ECD_O
ClientSampleId :
MW-00-20190515MSD



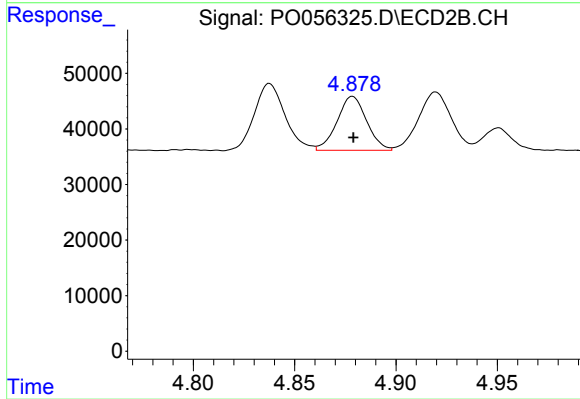
#5 AR-1016-3

R.T.: 4.838 min
Delta R.T.: 0.000 min
Response: 127100
Conc: 95.45 ng/ml



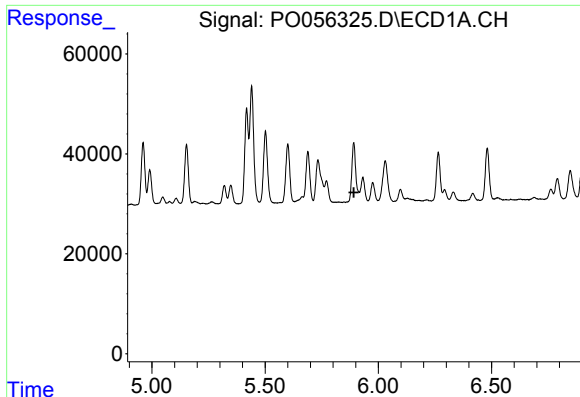
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 5.601 min
Response: 0
Conc: N.D.



#6 AR-1016-4

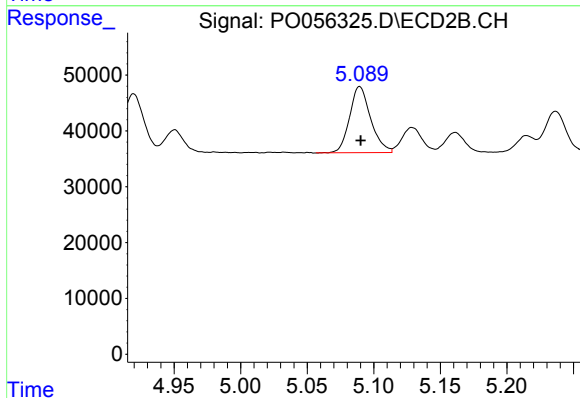
R.T.: 4.879 min
Delta R.T.: 0.000 min
Response: 98701
Conc: 90.74 ng/ml



#7 AR-1016-5

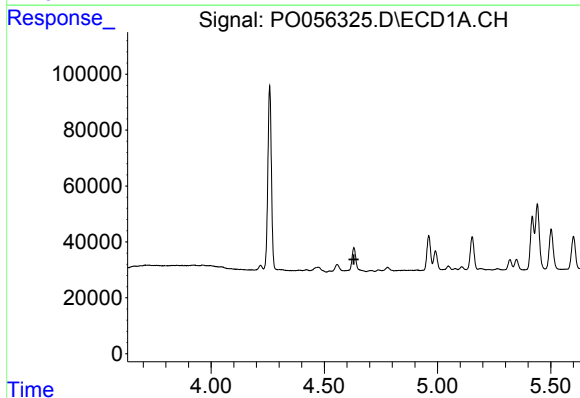
R.T.: 0.000 min
Exp R.T.: 5.892 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
MW-00-20190515MSD



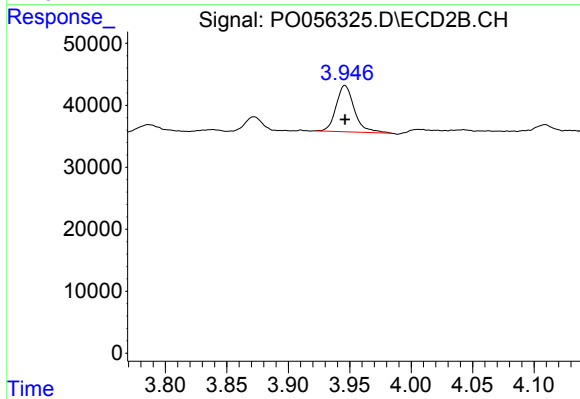
#7 AR-1016-5

R.T.: 5.089 min
Delta R.T.: 0.000 min
Response: 130647
Conc: 92.26 ng/ml



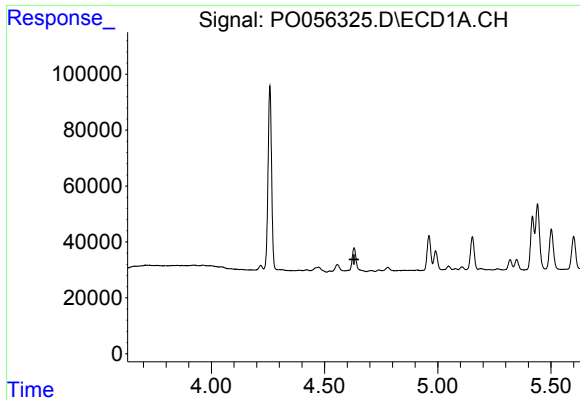
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T.: 4.630 min
Response: 0
Conc: N.D.



#10 AR-1221-3

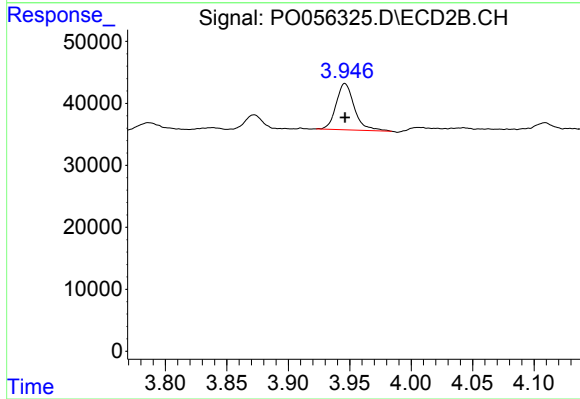
R.T.: 3.946 min
Delta R.T.: 0.000 min
Response: 77314
Conc: 65.46 ng/ml



#11 AR-1232-1

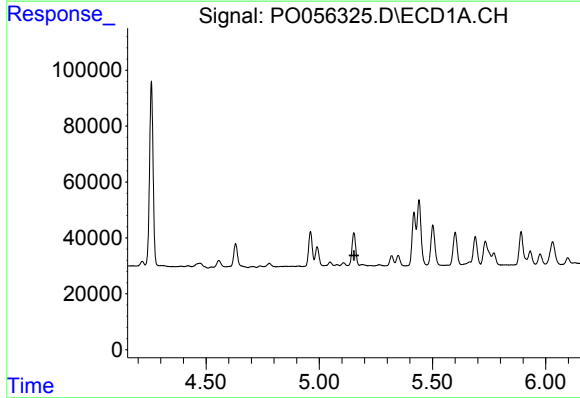
R.T.: 0.000 min
Exp R.T.: 4.630 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
MW-00-20190515MSD



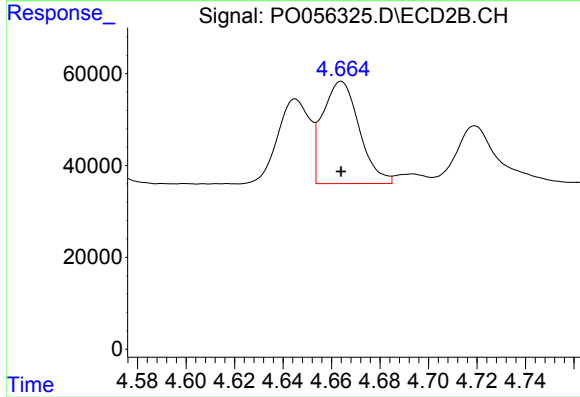
#11 AR-1232-1

R.T.: 3.946 min
Delta R.T.: 0.000 min
Response: 77314
Conc: 52.48 ng/ml



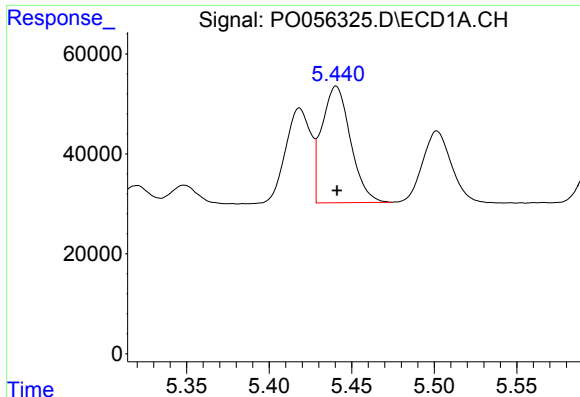
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T.: 5.153 min
Response: 0
Conc: N.D.



#12 AR-1232-2

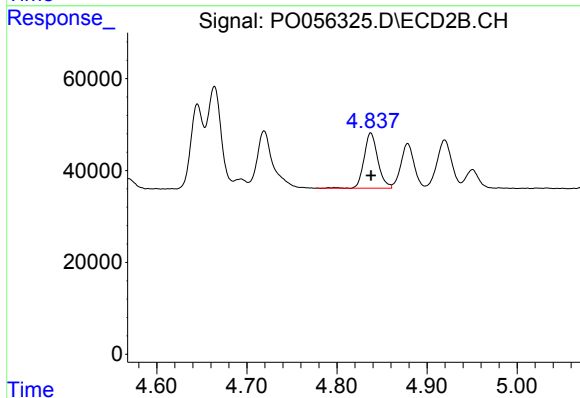
R.T.: 4.664 min
Delta R.T.: 0.000 min
Response: 233724
Conc: 140.18 ng/ml



#13 AR-1232-3

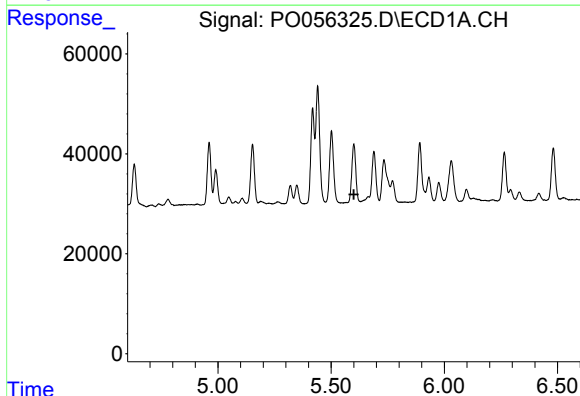
R.T.: 5.441 min
Delta R.T.: 0.000 min
Response: 281367
Conc: 142.64 ng/ml

Instrument :
ECD_O
ClientSampleId :
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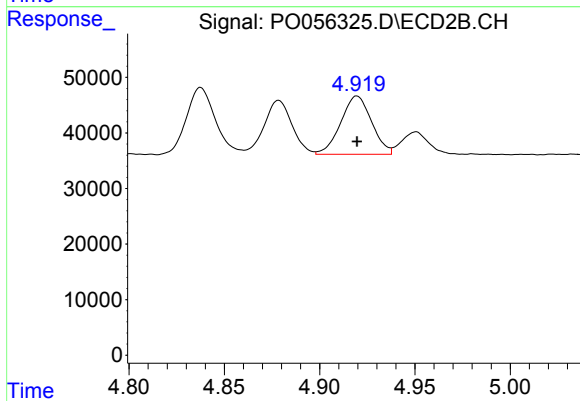
#13 AR-1232-3

R.T.: 4.838 min
Delta R.T.: 0.000 min
Response: 127100
Conc: 140.43 ng/ml



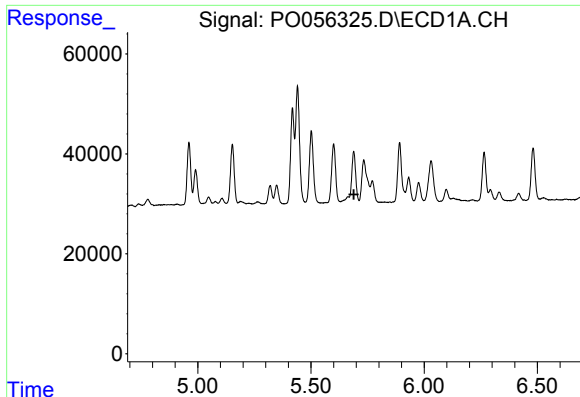
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 5.601 min
Response: 0
Conc: N.D.



#14 AR-1232-4

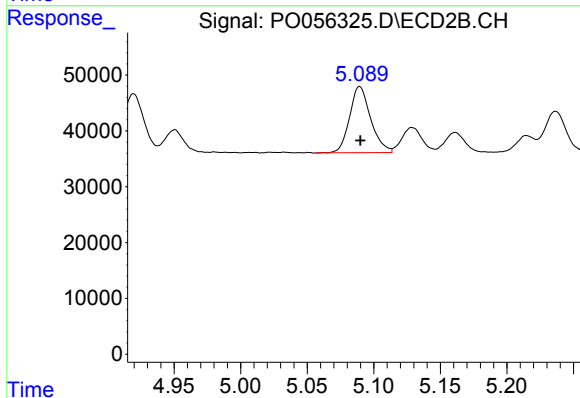
R.T.: 4.920 min
Delta R.T.: 0.000 min
Response: 118196
Conc: 149.88 ng/ml



#15 AR-1232-5

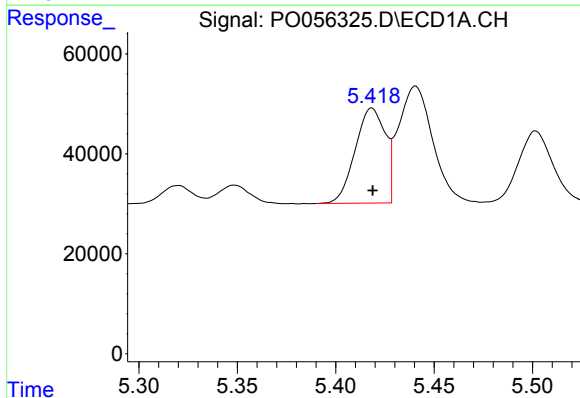
R.T.: 0.000 min
Exp R.T.: 5.689 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
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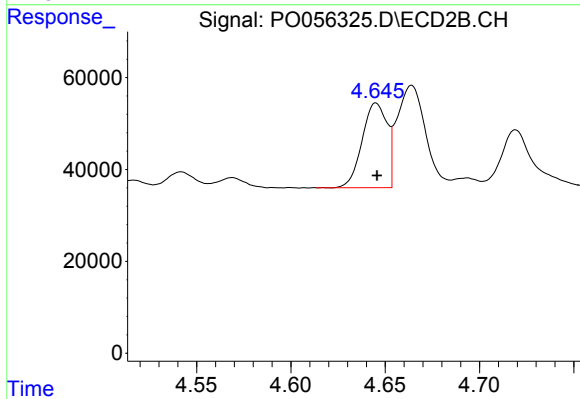
#15 AR-1232-5

R.T.: 5.089 min
Delta R.T.: 0.000 min
Response: 130647
Conc: 146.79 ng/ml



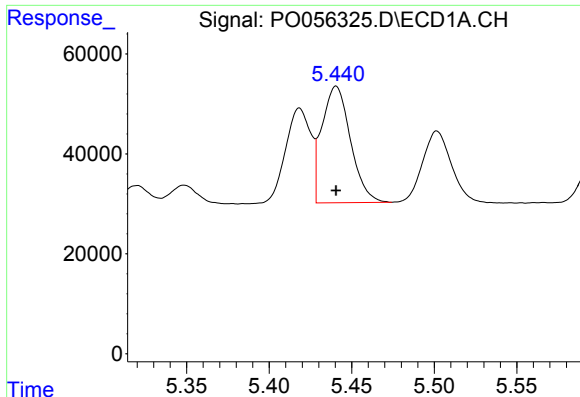
#16 AR-1242-1

R.T.: 5.418 min
Delta R.T.: 0.000 min
Response: 202464
Conc: 125.42 ng/ml



#16 AR-1242-1

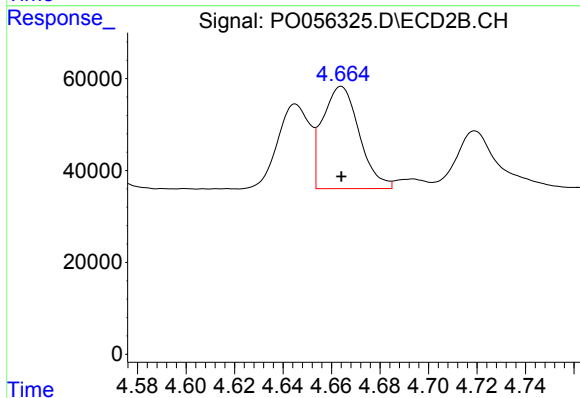
R.T.: 4.645 min
Delta R.T.: 0.000 min
Response: 169402
Conc: 125.72 ng/ml



#17 AR-1242-2

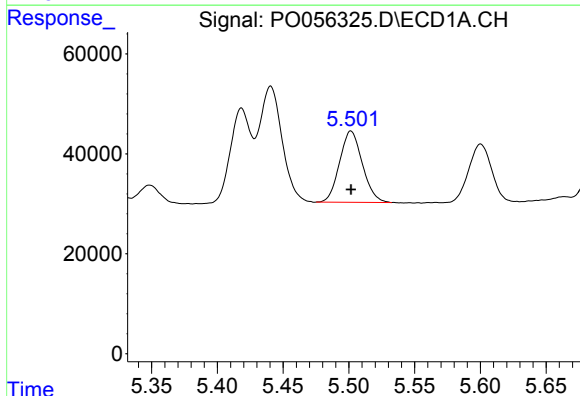
R.T.: 5.441 min
Delta R.T.: 0.000 min
Response: 281367
Conc: 124.04 ng/ml

Instrument :
ECD_O
ClientSampleId :
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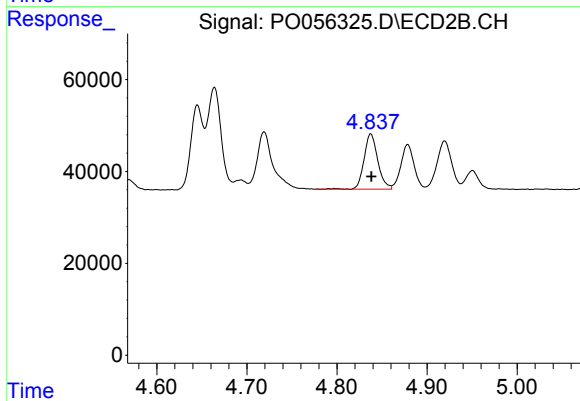
#17 AR-1242-2

R.T.: 4.664 min
Delta R.T.: 0.000 min
Response: 233724
Conc: 123.80 ng/ml



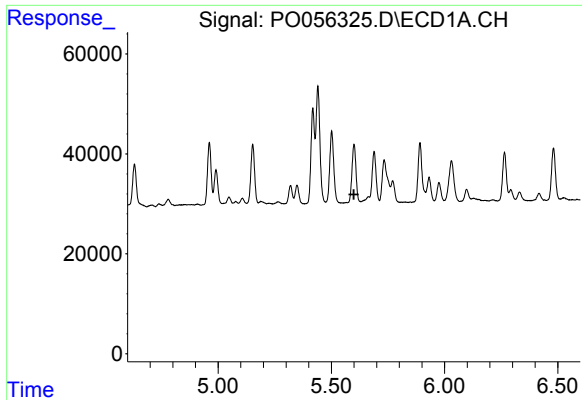
#18 AR-1242-3

R.T.: 5.502 min
Delta R.T.: 0.000 min
Response: 171808
Conc: 118.40 ng/ml



#18 AR-1242-3

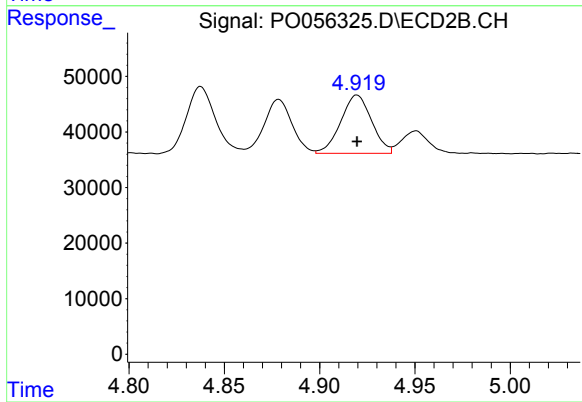
R.T.: 4.838 min
Delta R.T.: 0.000 min
Response: 127100
Conc: 121.25 ng/ml



#19 AR-1242-4

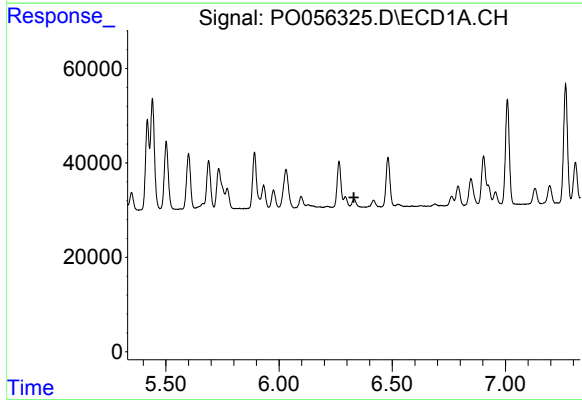
R.T.: 0.000 min
Exp R.T.: 5.600 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
MW-00-20190515MSD



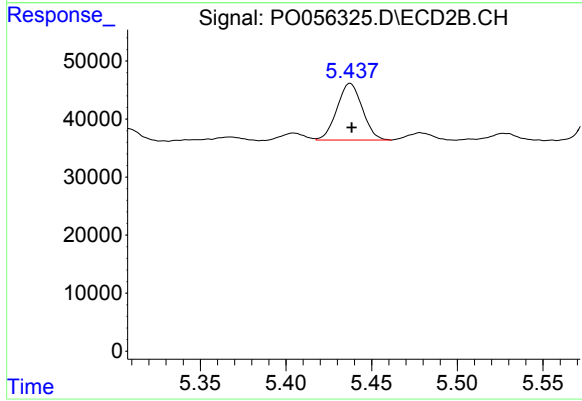
#19 AR-1242-4

R.T.: 4.920 min
Delta R.T.: 0.000 min
Response: 118196
Conc: 116.51 ng/ml



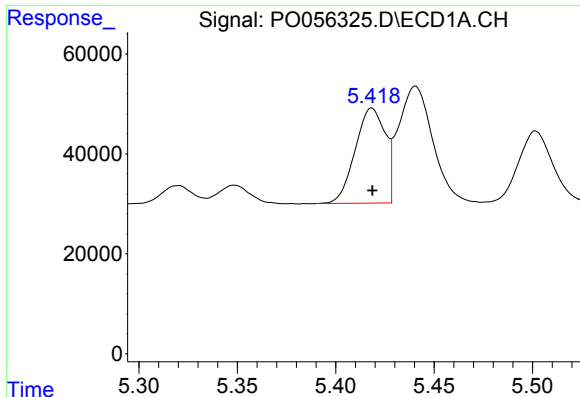
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T.: 6.330 min
Response: 0
Conc: N.D.



#20 AR-1242-5

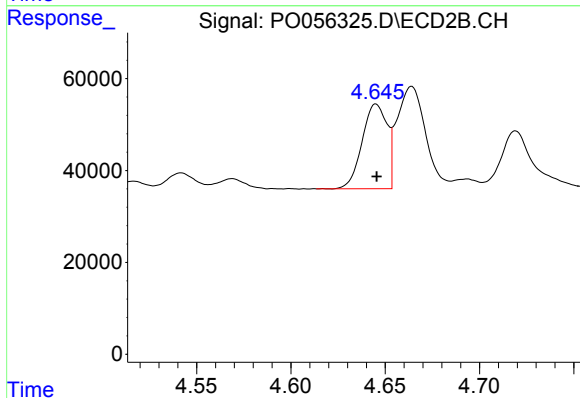
R.T.: 5.438 min
Delta R.T.: 0.000 min
Response: 100597
Conc: 79.68 ng/ml



#21 AR-1248-1

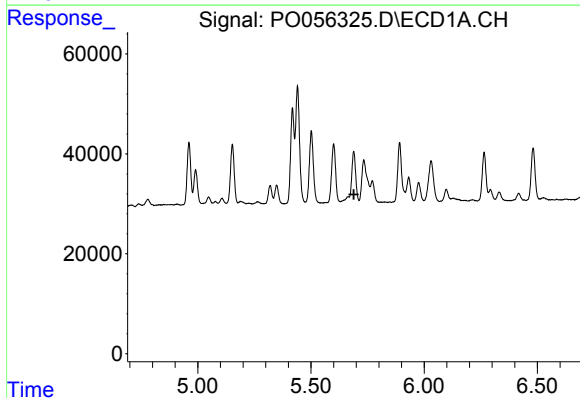
R.T.: 5.418 min
Delta R.T.: 0.000 min
Response: 202464
Conc: 161.25 ng/ml

Instrument :
ECD_O
ClientSampleId :
MW-00-20190515MSD



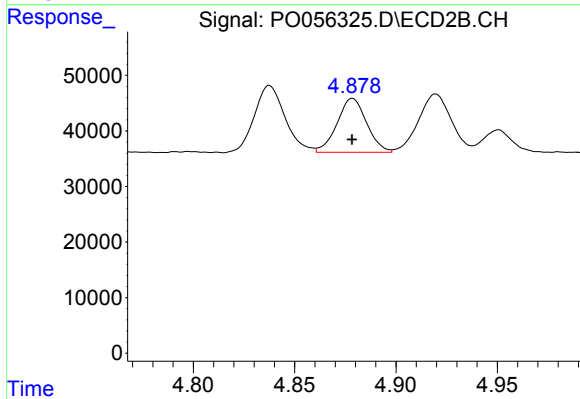
#21 AR-1248-1

R.T.: 4.645 min
Delta R.T.: 0.000 min
Response: 169402
Conc: 157.89 ng/ml



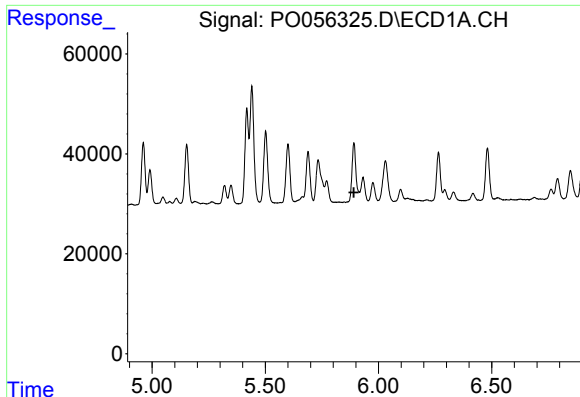
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T. : 5.690 min
Response: 0
Conc: N.D.



#22 AR-1248-2

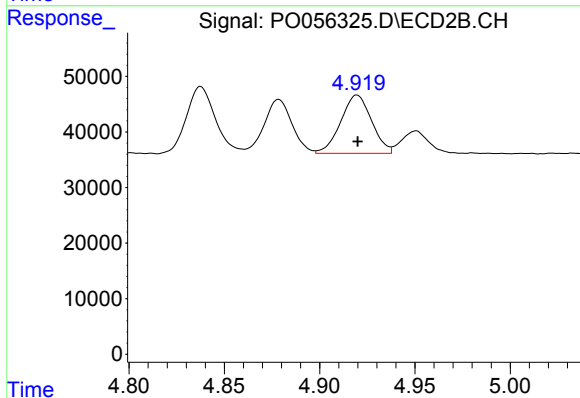
R.T.: 4.879 min
Delta R.T.: 0.000 min
Response: 98701
Conc: 70.29 ng/ml



#23 AR-1248-3

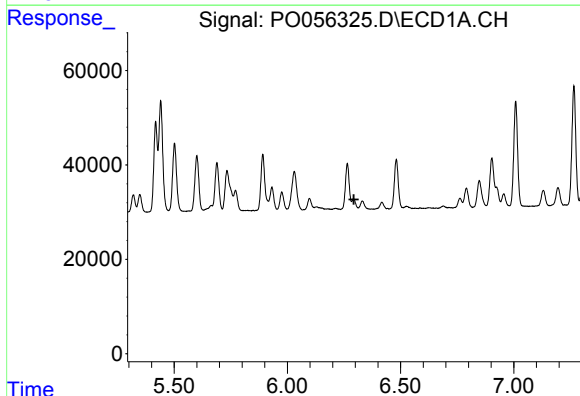
R.T.: 0.000 min
Exp R.T.: 5.892 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
MW-00-20190515MSD



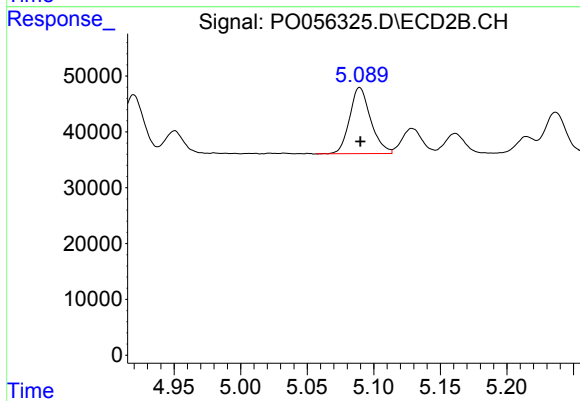
#23 AR-1248-3

R.T.: 4.920 min
Delta R.T.: 0.000 min
Response: 118196
Conc: 82.28 ng/ml



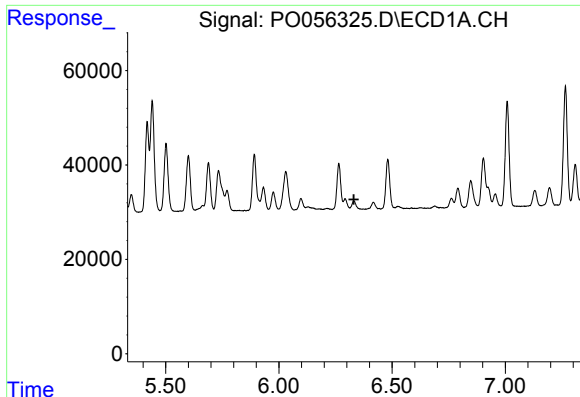
#24 AR-1248-4

R.T.: 0.000 min
Exp R.T.: 6.293 min
Response: 0
Conc: N.D.



#24 AR-1248-4

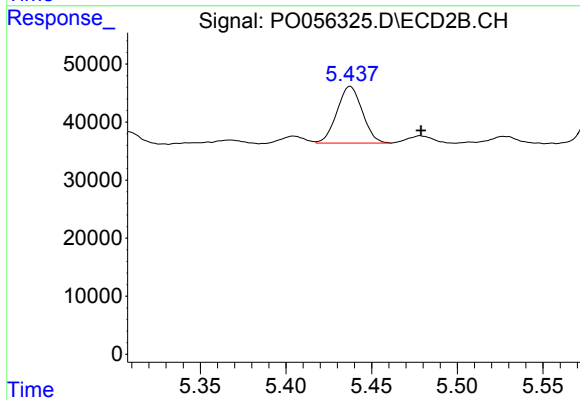
R.T.: 5.089 min
Delta R.T.: 0.000 min
Response: 130647
Conc: 73.50 ng/ml



#25 AR-1248-5

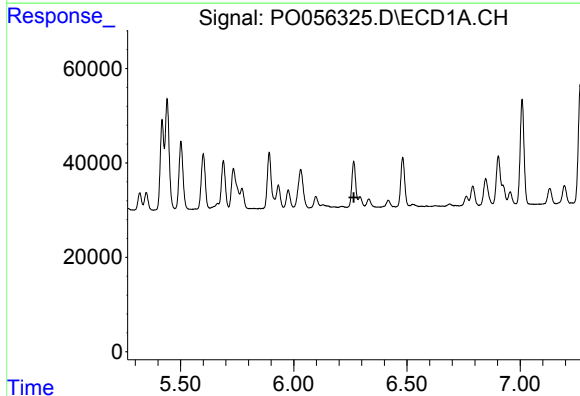
R.T.: 0.000 min
Exp R.T.: 6.331 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
MW-00-20190515MSD



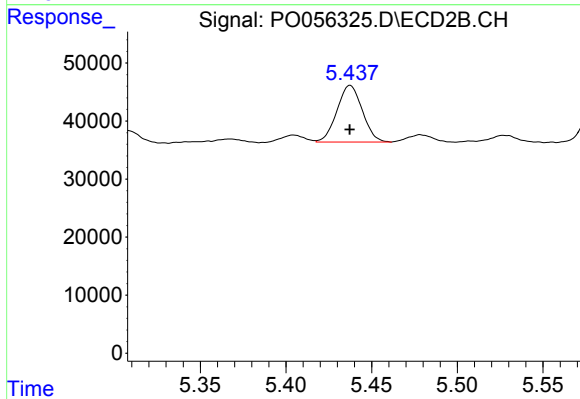
#25 AR-1248-5

R.T.: 5.438 min
Delta R.T.: -0.041 min
Response: 100597
Conc: 58.96 ng/ml



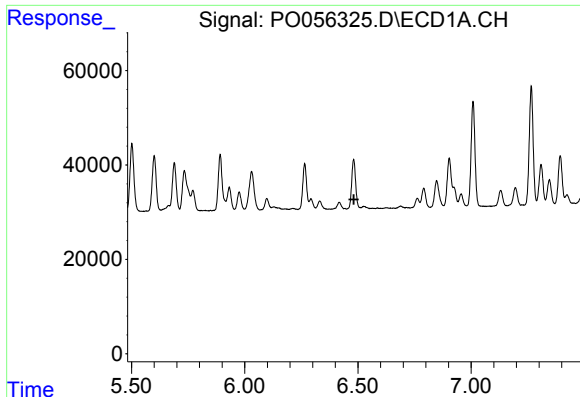
#26 AR-1254-1

R.T.: 0.000 min
Exp R.T.: 6.265 min
Response: 0
Conc: N.D.



#26 AR-1254-1

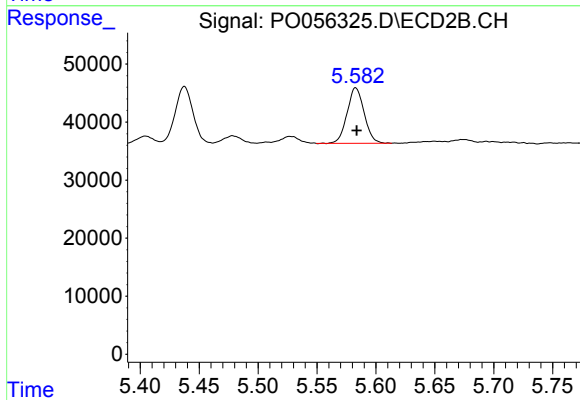
R.T.: 5.438 min
Delta R.T.: 0.000 min
Response: 100597
Conc: 35.60 ng/ml



#27 AR-1254-2

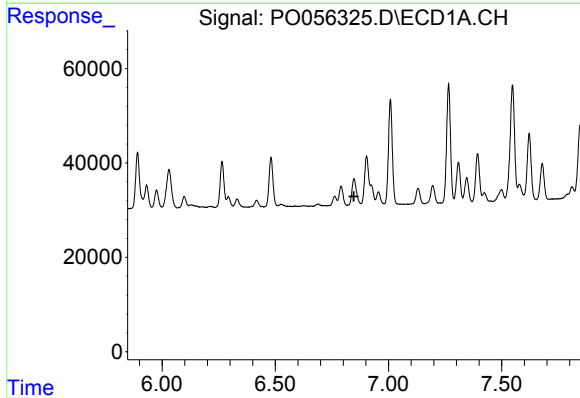
R.T.: 0.000 min
Exp R.T.: 6.482 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
MW-00-20190515MSD



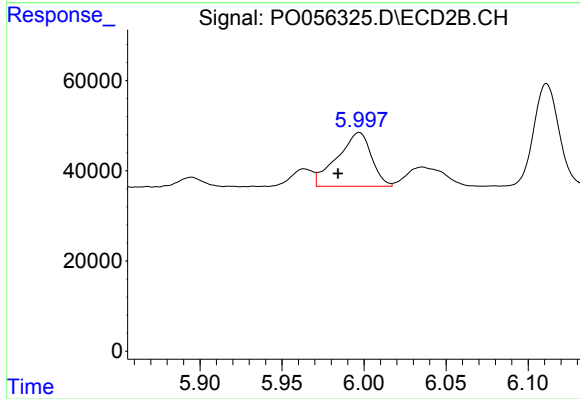
#27 AR-1254-2

R.T.: 5.583 min
Delta R.T.: 0.000 min
Response: 96648
Conc: 39.26 ng/ml



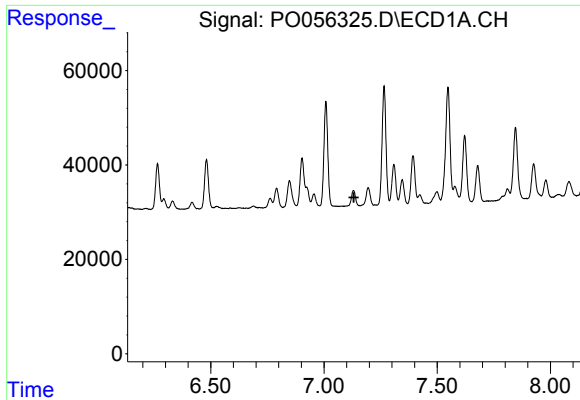
#28 AR-1254-3

R.T.: 0.000 min
Exp R.T.: 6.847 min
Response: 0
Conc: N.D.



#28 AR-1254-3

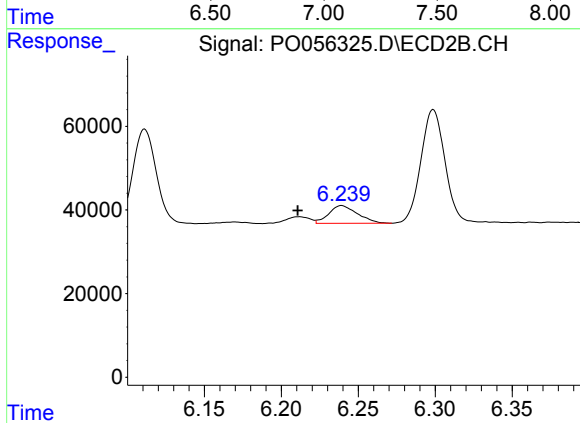
R.T.: 5.997 min
Delta R.T.: 0.013 min
Response: 172918
Conc: 42.92 ng/ml



#29 AR-1254-4

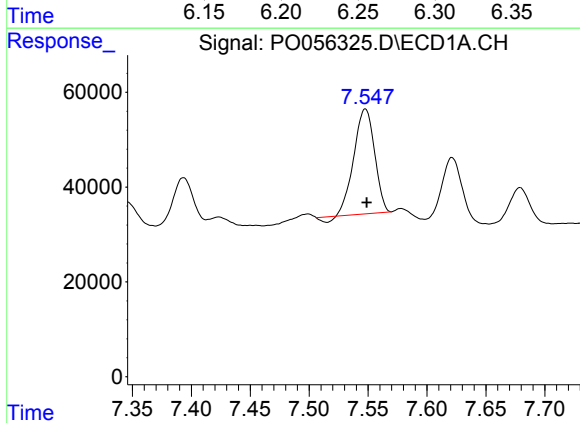
R.T.: 0.000 min
Exp R.T.: 7.132 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
MW-00-20190515MSD



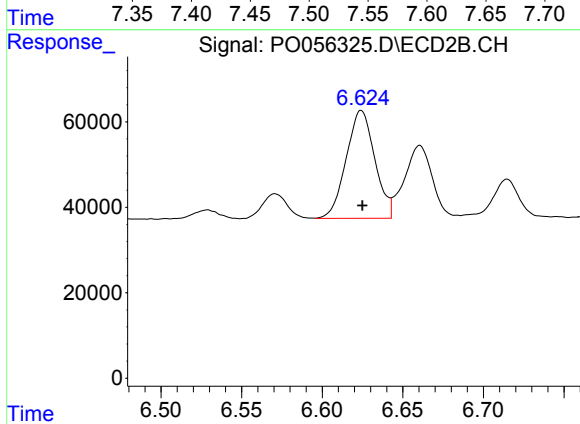
#29 AR-1254-4

R.T.: 6.239 min
Delta R.T.: 0.028 min
Response: 54713
Conc: 21.93 ng/ml



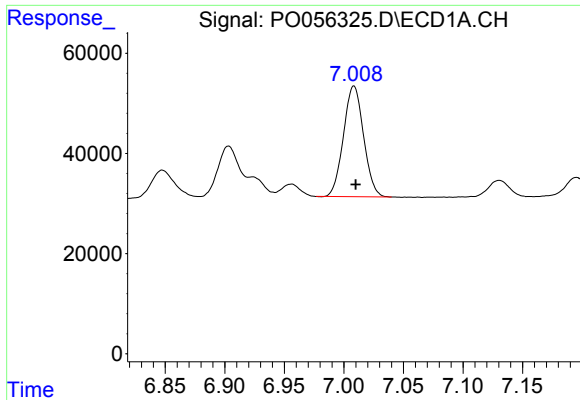
#30 AR-1254-5

R.T.: 7.548 min
Delta R.T.: -0.001 min
Response: 267903
Conc: 88.41 ng/ml



#30 AR-1254-5

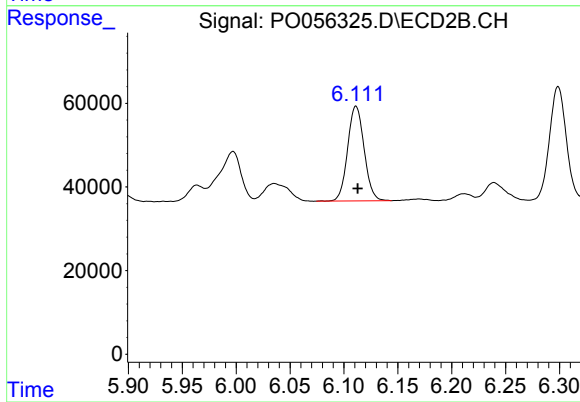
R.T.: 6.624 min
Delta R.T.: 0.000 min
Response: 312001
Conc: 87.13 ng/ml



#31 AR-1260-1

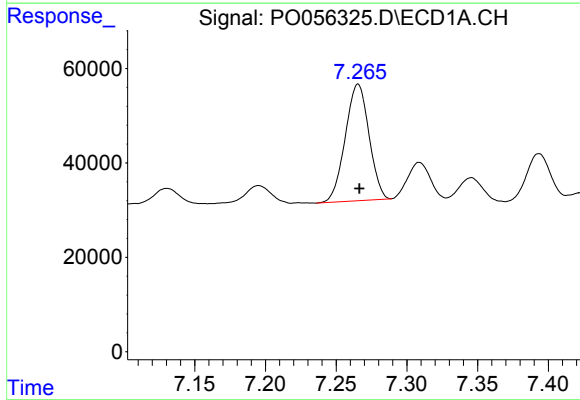
R.T.: 7.008 min
Delta R.T.: -0.001 min
Response: 260042
Conc: 93.19 ng/ml

Instrument :
ECD_O
ClientSampleId :
MW-00-20190515MSD



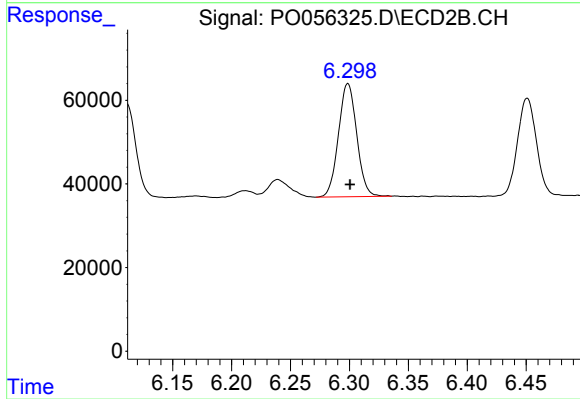
#31 AR-1260-1

R.T.: 6.111 min
Delta R.T.: -0.002 min
Response: 241212
Conc: 92.13 ng/ml



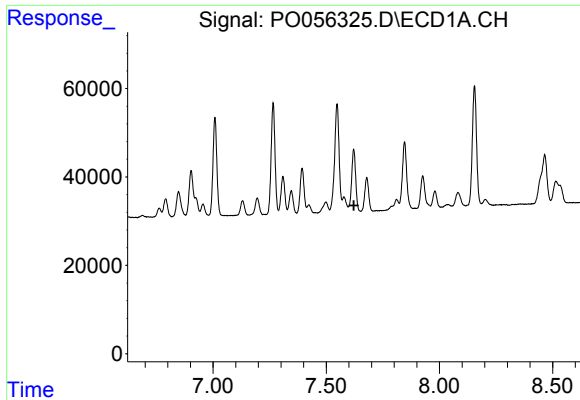
#32 AR-1260-2

R.T.: 7.266 min
Delta R.T.: 0.000 min
Response: 288293
Conc: 87.51 ng/ml



#32 AR-1260-2

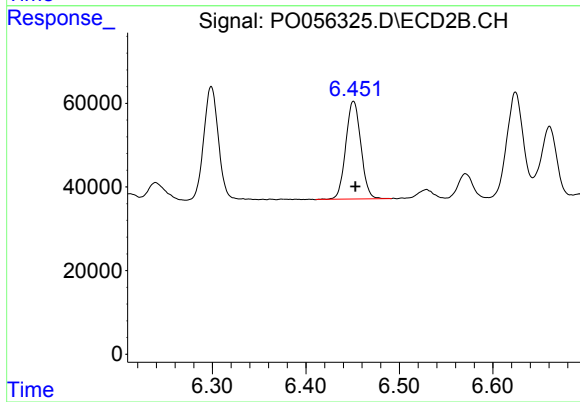
R.T.: 6.299 min
Delta R.T.: -0.002 min
Response: 293094
Conc: 89.13 ng/ml



#33 AR-1260-3

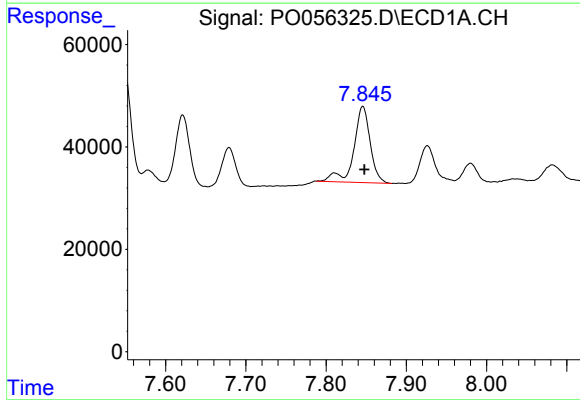
R.T.: 0.000 min
Exp R.T.: 7.622 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
MW-00-20190515MSD



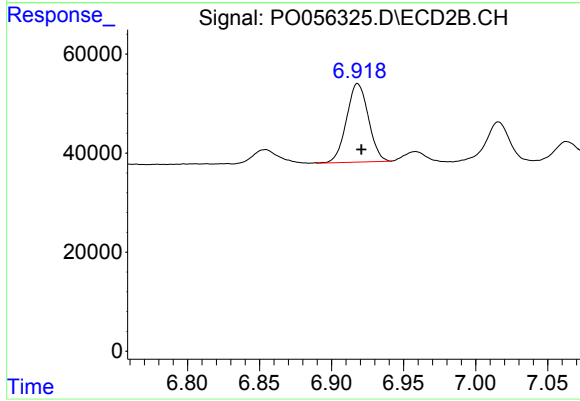
#33 AR-1260-3

R.T.: 6.451 min
Delta R.T.: -0.002 min
Response: 262567
Conc: 88.07 ng/ml



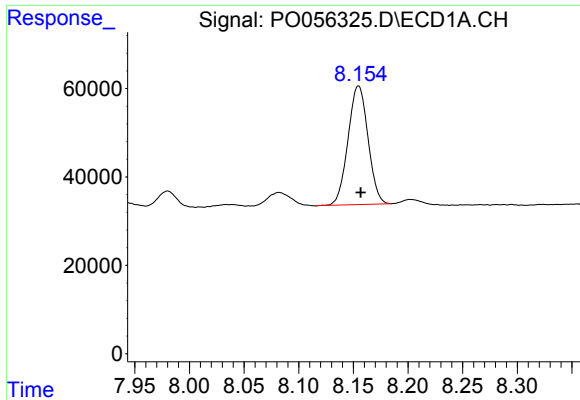
#34 AR-1260-4

R.T.: 7.846 min
Delta R.T.: -0.002 min
Response: 212119
Conc: 75.16 ng/ml



#34 AR-1260-4

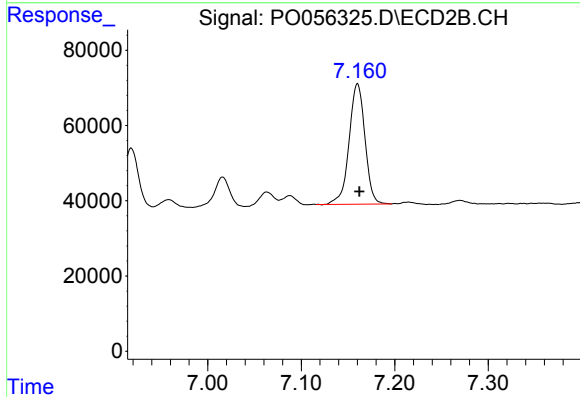
R.T.: 6.918 min
Delta R.T.: -0.003 min
Response: 167494
Conc: 67.61 ng/ml



#35 AR-1260-5

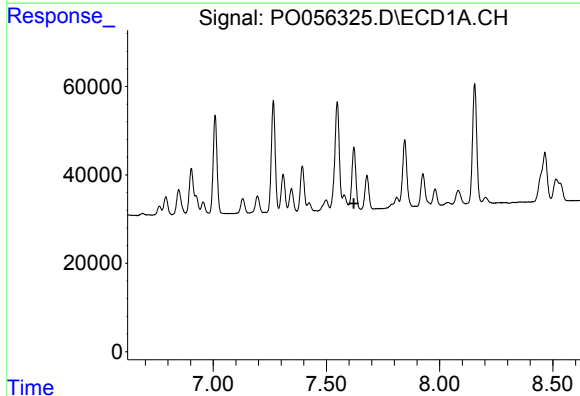
R.T.: 8.155 min
Delta R.T.: -0.002 min
Response: 341091
Conc: 66.33 ng/ml

Instrument :
ECD_O
ClientSampleId :
MW-00-20190515MSD



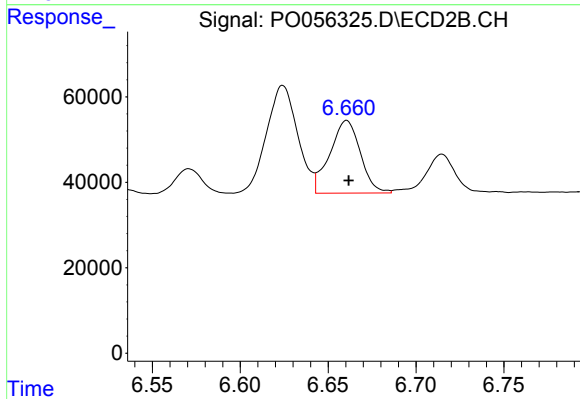
#35 AR-1260-5

R.T.: 7.160 min
Delta R.T.: -0.002 min
Response: 377350
Conc: 64.81 ng/ml



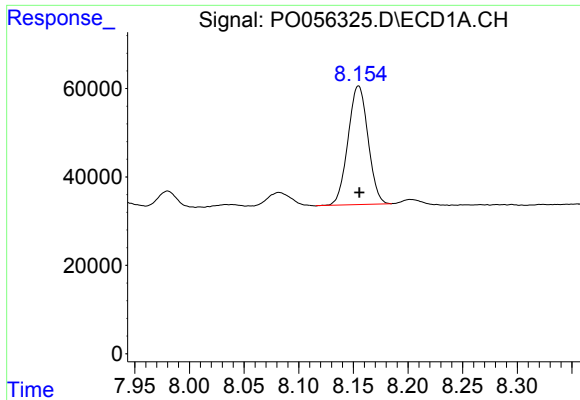
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 7.622 min
Response: 0
Conc: N.D.



#36 AR-1262-1

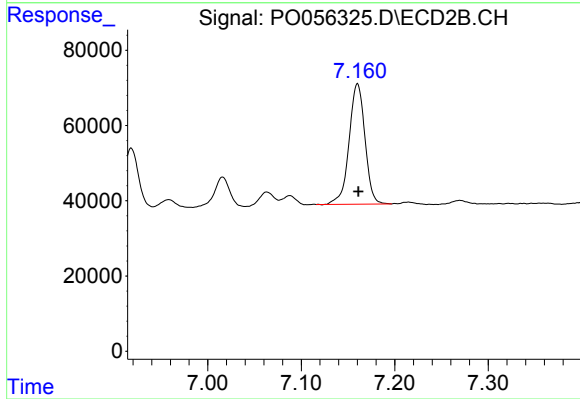
R.T.: 6.661 min
Delta R.T.: -0.001 min
Response: 205864
Conc: 52.10 ng/ml



#37 AR-1262-2

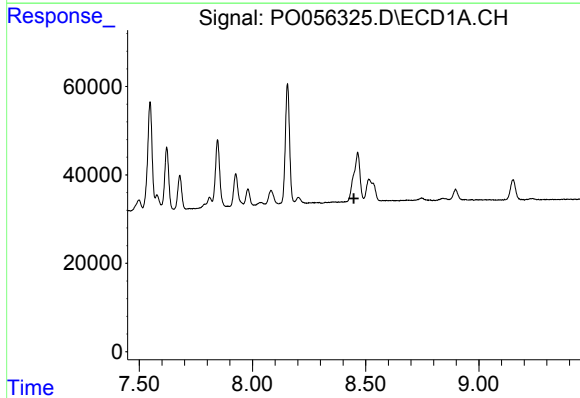
R.T.: 8.155 min
Delta R.T.: 0.000 min
Response: 341091
Conc: 57.96 ng/ml

Instrument :
ECD_O
ClientSampleId :
MW-00-20190515MSD



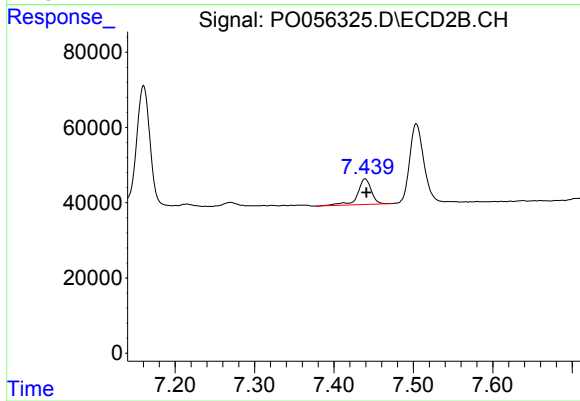
#37 AR-1262-2

R.T.: 7.160 min
Delta R.T.: 0.000 min
Response: 377350
Conc: 58.32 ng/ml



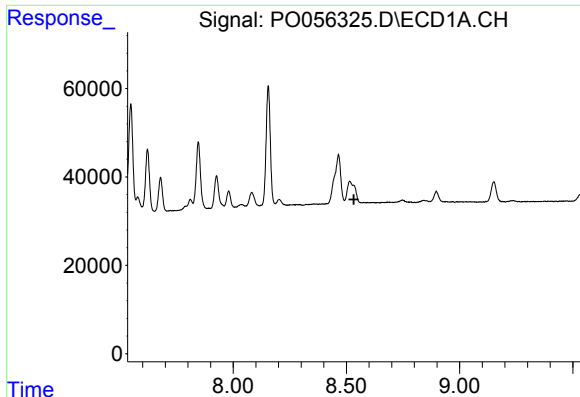
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 8.448 min
Response: 0
Conc: N.D.



#38 AR-1262-3

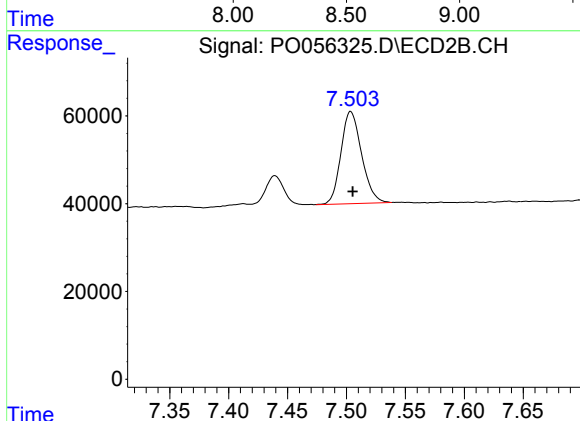
R.T.: 7.439 min
Delta R.T.: -0.002 min
Response: 82110
Conc: 30.00 ng/ml



#39 AR-1262-4

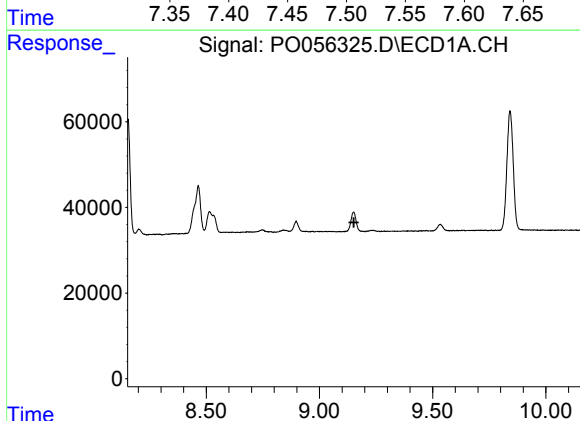
R.T.: 0.000 min
Exp R.T.: 8.533 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
MW-00-20190515MSD



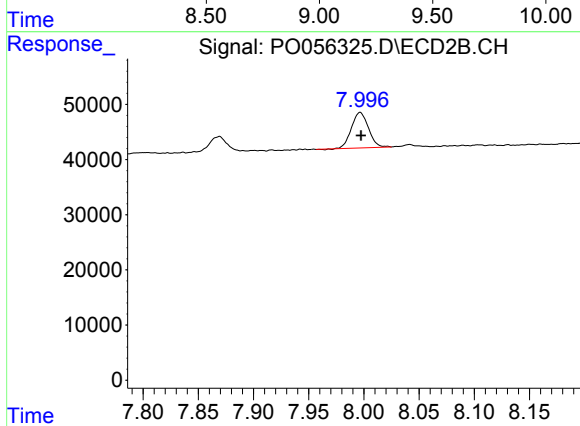
#39 AR-1262-4

R.T.: 7.504 min
Delta R.T.: -0.002 min
Response: 256793
Conc: 55.24 ng/ml



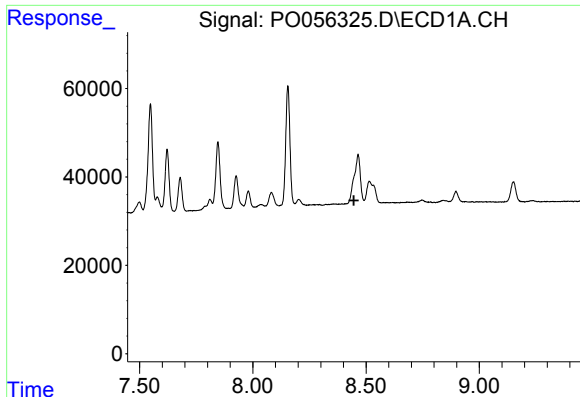
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T.: 9.152 min
Response: 0
Conc: N.D.



#40 AR-1262-5

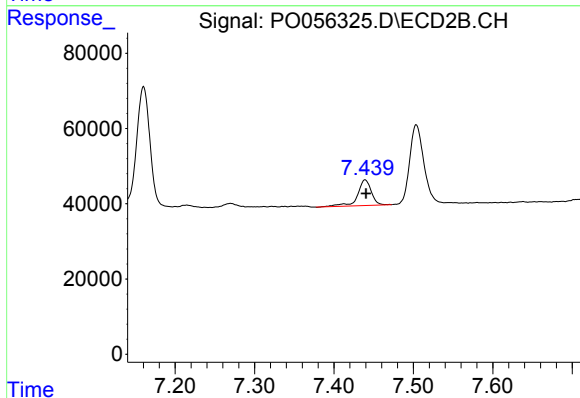
R.T.: 7.997 min
Delta R.T.: 0.000 min
Response: 69380
Conc: 33.33 ng/ml



#41 AR-1268-1

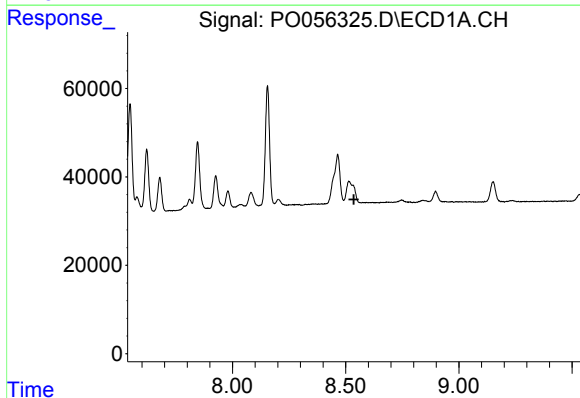
R.T.: 0.000 min
Exp R.T.: 8.446 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
MW-00-20190515MSD



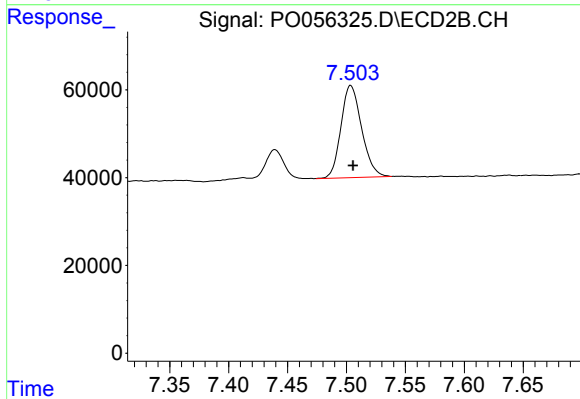
#41 AR-1268-1

R.T.: 7.439 min
Delta R.T.: -0.001 min
Response: 82110
Conc: 10.75 ng/ml



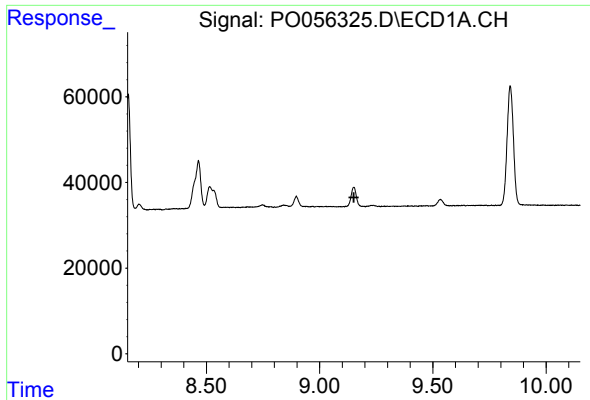
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T.: 8.536 min
Response: 0
Conc: N.D.



#42 AR-1268-2

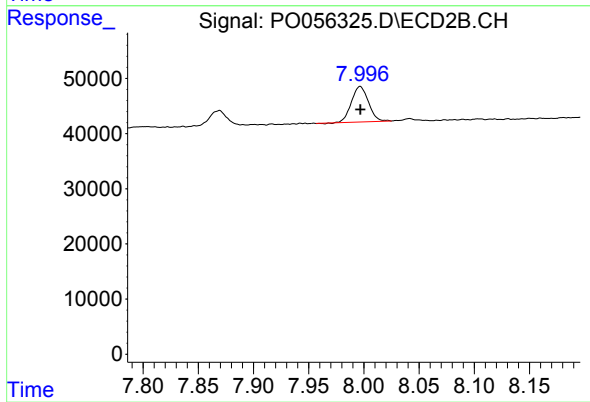
R.T.: 7.504 min
Delta R.T.: -0.002 min
Response: 256793
Conc: 38.41 ng/ml



#44 AR-1268-4

R.T.: 0.000 min
Exp R.T.: 9.151 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
MW-00-20190515MSD



#44 AR-1268-4

R.T.: 7.997 min
Delta R.T.: 0.000 min
Response: 69380
Conc: 30.98 ng/ml