

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0062019\
 Data File : P0057314.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 20 Jun 2019 16:56
 Operator : SM/SJ
 Sample : K3454-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 30271

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 21 01:59:53 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...	4.243	3.561	783045	754190	20.454	22.869
2)	SA Decachlor...	9.802	8.486	667247	416465	13.594	11.680
Target Compounds							
3)	L1 AR-1016-1	0.000	4.630	0	135632	N.D.	107.774 #
4)	L1 AR-1016-2	0.000	4.691	0	192352	N.D.	106.766 #
5)	L1 AR-1016-3	0.000	4.823	0	59894	N.D.	60.747 #
6)	L1 AR-1016-4	5.594	4.863	670444	123436	511.087	149.106 #
7)	L1 AR-1016-5	0.000	5.082	0	135388	N.D.	126.209 #
8)	L2 AR-1221-1	0.000	3.791	0	194497	N.D.	383.510 #
9)	L2 AR-1221-2	0.000	3.856	0	24212	N.D.	64.246 #
10)	L2 AR-1221-3	0.000	3.954	0	32225	N.D.	26.921 #
11)	L3 AR-1232-1	0.000	3.954	0	32225	N.D.	35.871 #
12)	L3 AR-1232-2	5.125	4.691	388966	192352	586.641	197.918 #
13)	L3 AR-1232-3	0.000	4.823	0	59894	N.D.	114.455 #
14)	L3 AR-1232-4	5.594	4.891	670444	89924	952.433	182.516 #
15)	L3 AR-1232-5	5.629	5.082	429240	135388	759.196	240.366 #
16)	L4 AR-1242-1	0.000	4.630	0	135632	N.D.	109.506 #
17)	L4 AR-1242-2	0.000	4.691	0	192352	N.D.	106.956 #
18)	L4 AR-1242-3	0.000	4.823	0	59894	N.D.	60.923 #
19)	L4 AR-1242-4	5.594	4.891	670444	89924	501.557	92.409 #
20)	L4 AR-1242-5	6.313	5.448	432259	66371	261.964	56.139 #
21)	L5 AR-1248-1	0.000	4.630	0	135632	N.D.	144.826 #
22)	L5 AR-1248-2	5.629	4.863	429240	123436	230.416	97.160 #
23)	L5 AR-1248-3	0.000	4.891	0	89924	N.D.	68.859 #
24)	L5 AR-1248-4	6.313	5.082	432259	135388	186.827	85.492 #
25)	L5 AR-1248-5	6.313	5.466	432259	82401	196.536	49.787 #
26)	L6 AR-1254-1	6.313	5.448	432259	66371	157.029	25.096 #
27)	L6 AR-1254-2	0.000	5.572	0	118776	N.D.	55.096 #
28)	L6 AR-1254-3	0.000	5.956	0	88555	N.D.	24.188 #
29)	L6 AR-1254-4	0.000	6.271	0	66437	N.D.	30.241 #
30)	L6 AR-1254-5	0.000	6.619	0	39245	N.D.	12.379 #
32)	L7 AR-1260-2	7.318	6.271	431387	66437	142.647	26.953 #
33)	L7 AR-1260-3	0.000	6.450	0	29135	N.D.	12.988 #
34)	L7 AR-1260-4	0.000	6.905	0	14375	N.D.	7.724 #
35)	L7 AR-1260-5	0.000	7.137	0	49100	N.D.	11.386 #
36)	L8 AR-1262-1	0.000	6.647	0	79406	N.D.	19.024 #
37)	L8 AR-1262-2	0.000	7.137	0	49100	N.D.	7.146 #
38)	L8 AR-1262-3	0.000	7.489	0	48134	N.D.	16.298 #
39)	L8 AR-1262-4	0.000	7.489	0	48134	N.D.	9.238 #
40)	L8 AR-1262-5	0.000	8.064	0	42912	N.D.	18.480 #
41)	L9 AR-1268-1	0.000	7.489	0	48134	N.D.	6.448 #
42)	L9 AR-1268-2	0.000	7.489	0	48134	N.D.	6.893 #
43)	L9 AR-1268-3	0.000	7.723	0	60140	N.D.	10.133 #

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 21 01:59:53 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

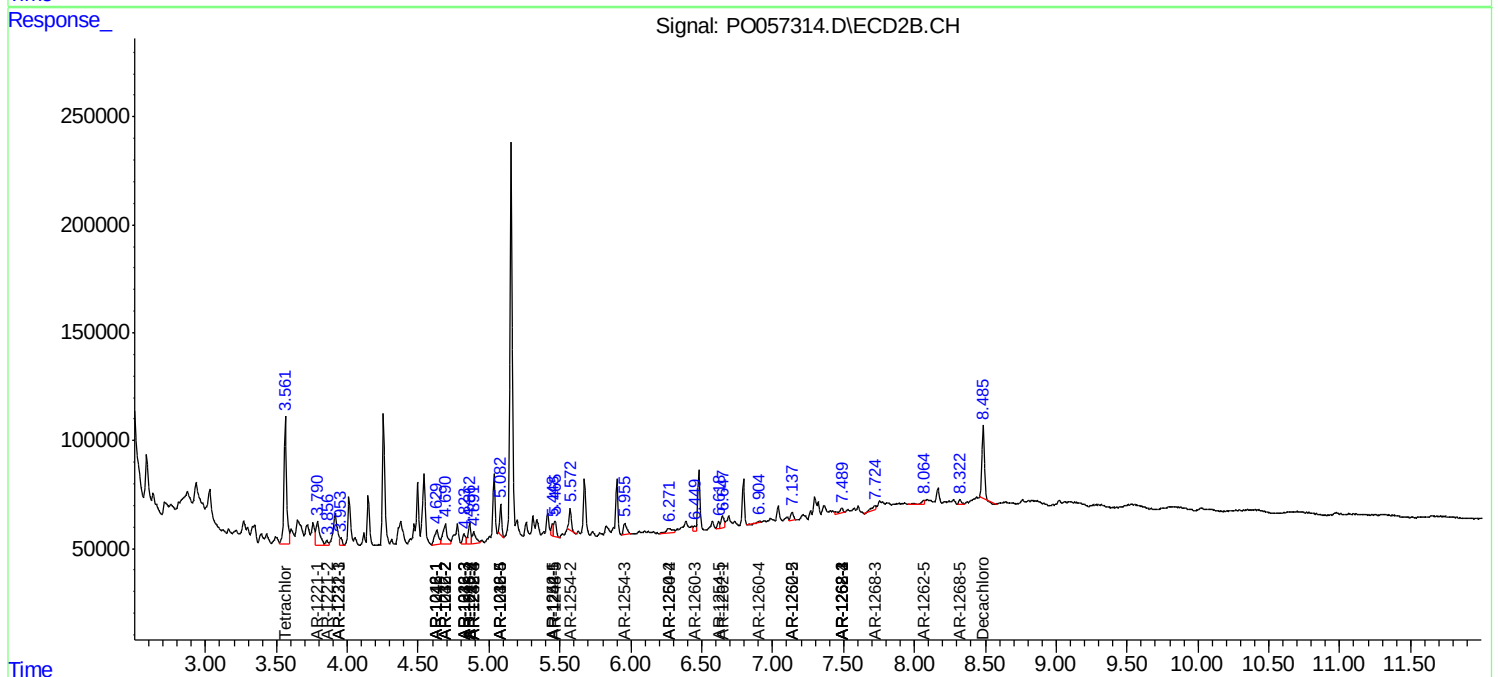
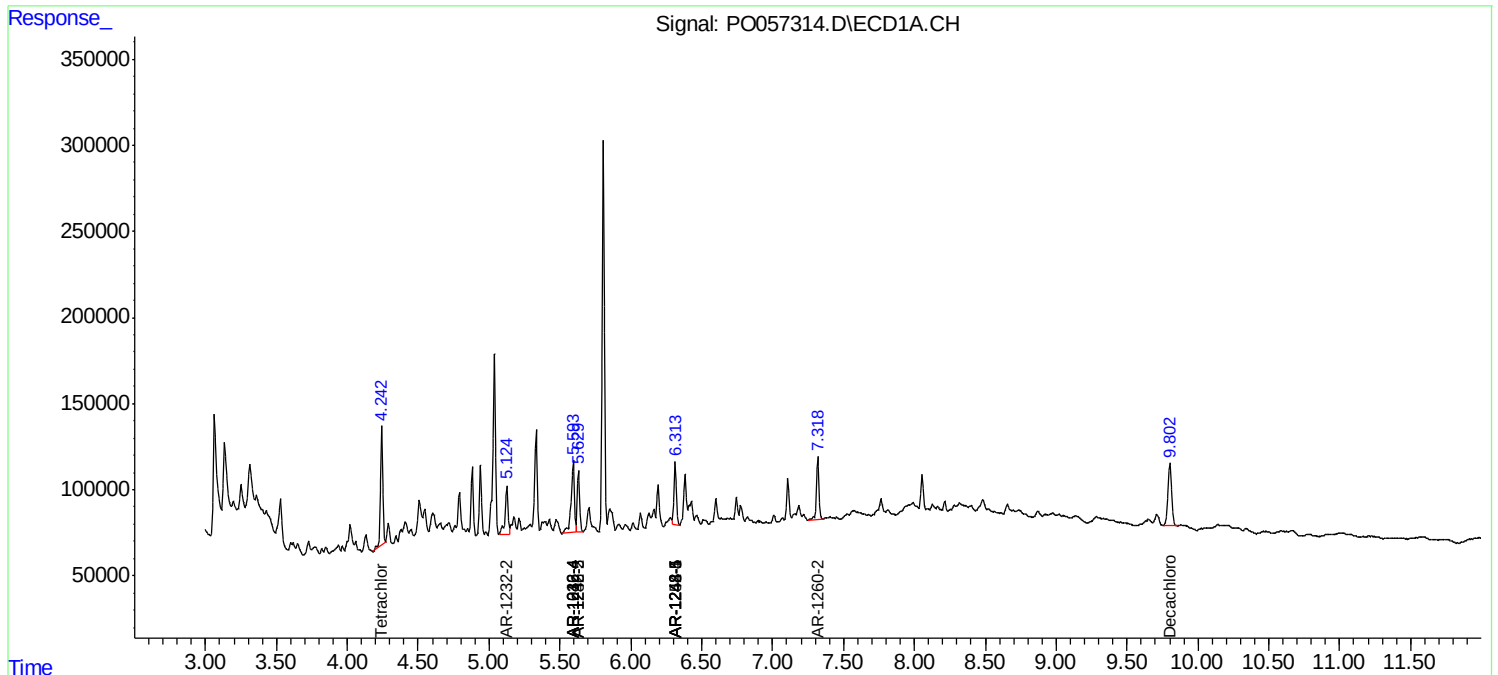
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
45) L9	AR-1268-5	0.000	8.321	0	25288	N.D.	1.461 #

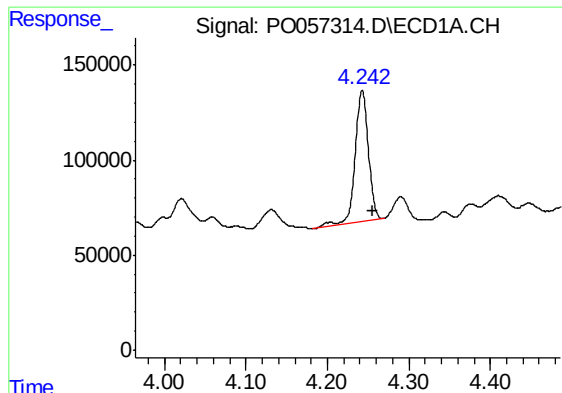
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

```
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\P0062019\  
Data File : P0057314.D  
Signal(s) : Signal #1: ECD1A.CH   Signal #2: ECD2B.CH  
Acq On    : 20 Jun 2019   16:56  
Operator  : SM/SJ  
Sample    : K3454-01  
Misc      :  
ALS Vial  : 12   Sample Multiplier: 1
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 21 01:59:53 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO052319.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

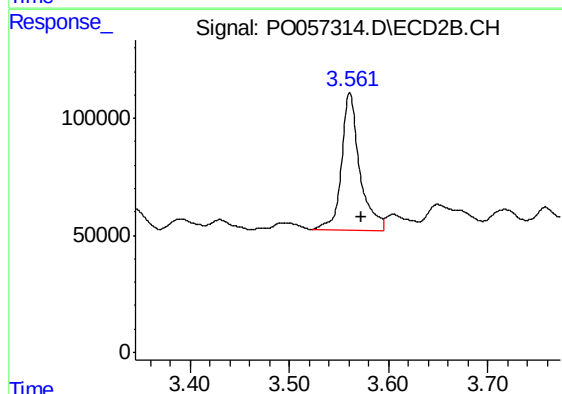




#1 Tetrachloro-m-xylene

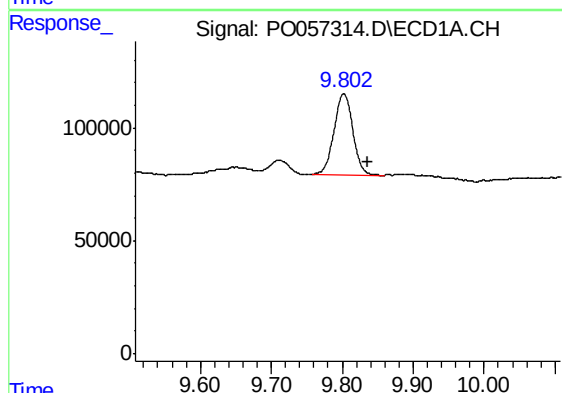
R.T.: 4.243 min
Delta R.T.: -0.013 min
Response: 783045
Conc: 20.45 ng/ml

Instrument :
ECD_O
ClientSampleId :
30271



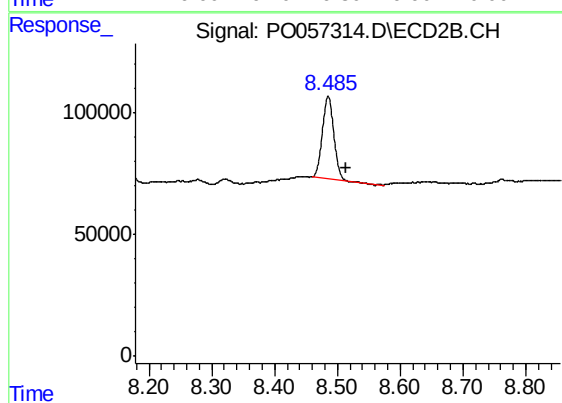
#1 Tetrachloro-m-xylene

R.T.: 3.561 min
Delta R.T.: -0.012 min
Response: 754190
Conc: 22.87 ng/ml



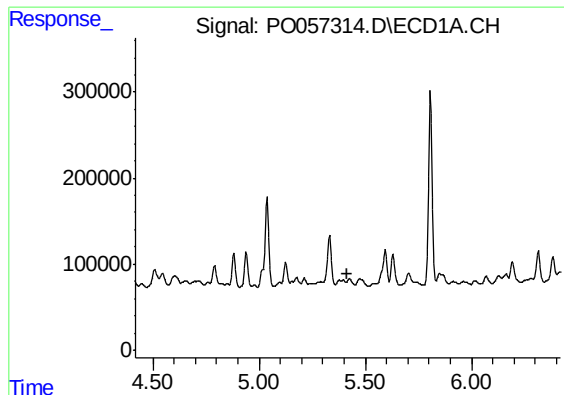
#2 Decachlorobiphenyl

R.T.: 9.802 min
Delta R.T.: -0.034 min
Response: 667247
Conc: 13.59 ng/ml



#2 Decachlorobiphenyl

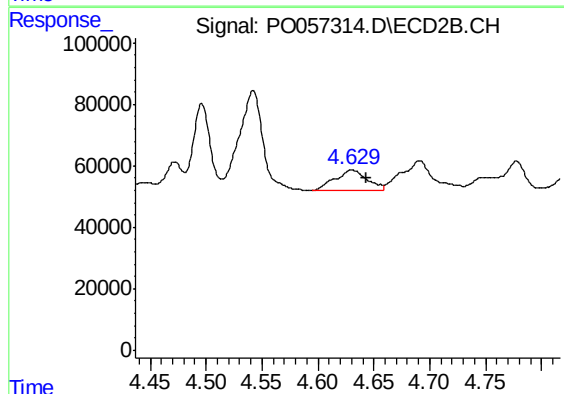
R.T.: 8.486 min
Delta R.T.: -0.027 min
Response: 416465
Conc: 11.68 ng/ml



#3 AR-1016-1

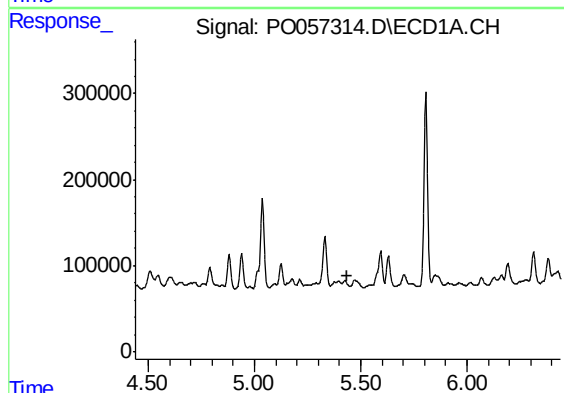
R.T.: 0.000 min
Exp R.T.: 5.418 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
30271



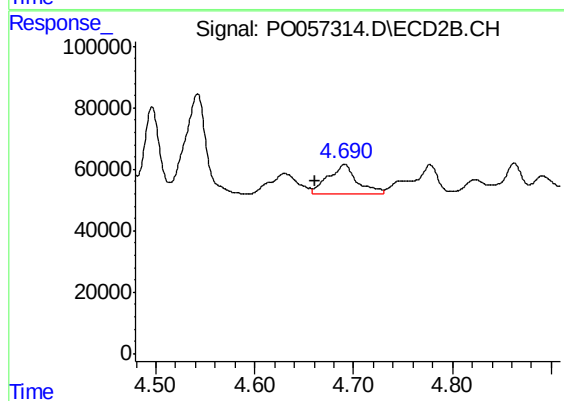
#3 AR-1016-1

R.T.: 4.630 min
Delta R.T.: -0.014 min
Response: 135632
Conc: 107.77 ng/ml



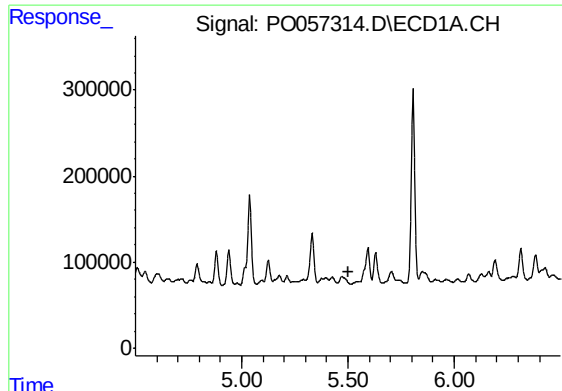
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T.: 5.440 min
Response: 0
Conc: N.D.



#4 AR-1016-2

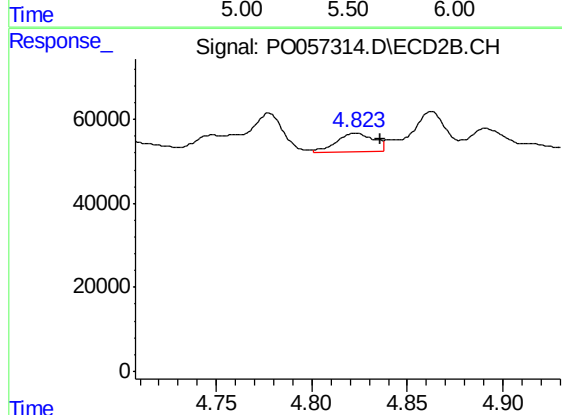
R.T.: 4.691 min
Delta R.T.: 0.029 min
Response: 192352
Conc: 106.77 ng/ml



#5 AR-1016-3

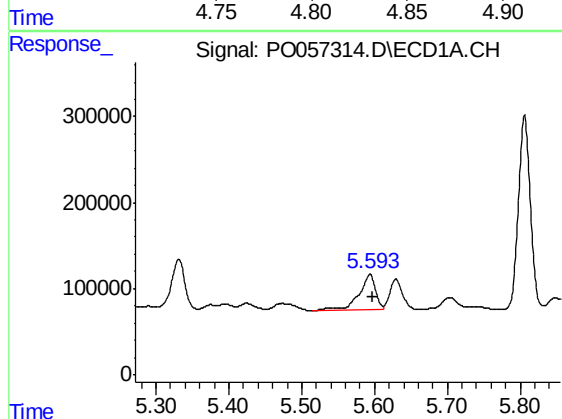
R.T.: 0.000 min
Exp R.T.: 5.500 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
30271



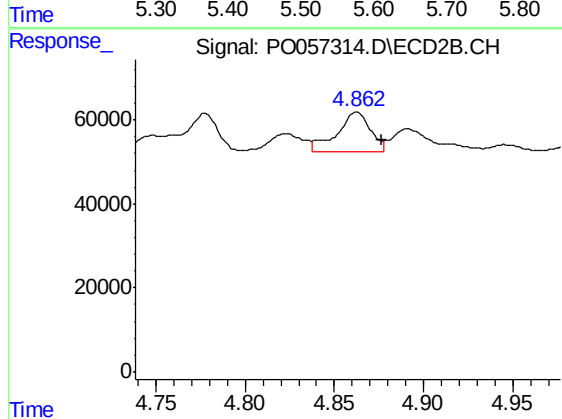
#5 AR-1016-3

R.T.: 4.823 min
Delta R.T.: -0.013 min
Response: 59894
Conc: 60.75 ng/ml



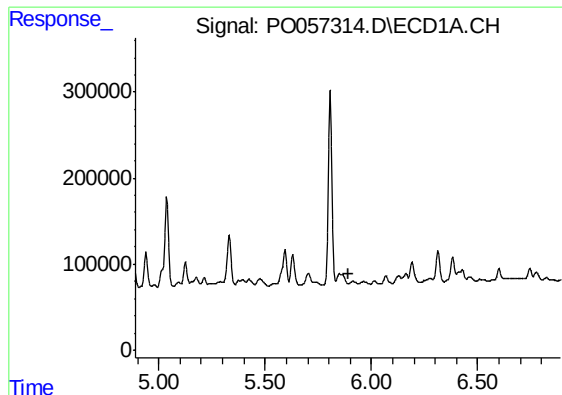
#6 AR-1016-4

R.T.: 5.594 min
Delta R.T.: -0.005 min
Response: 670444
Conc: 511.09 ng/ml



#6 AR-1016-4

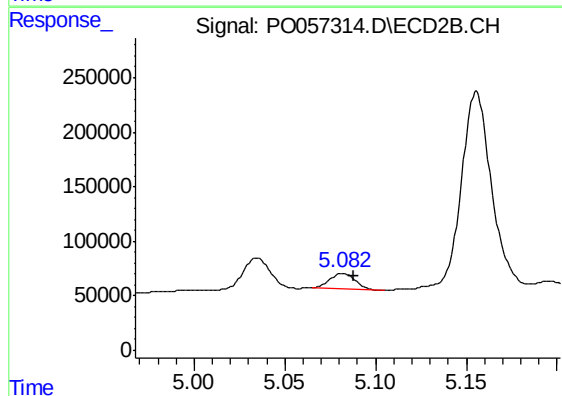
R.T.: 4.863 min
Delta R.T.: -0.014 min
Response: 123436
Conc: 149.11 ng/ml



#7 AR-1016-5

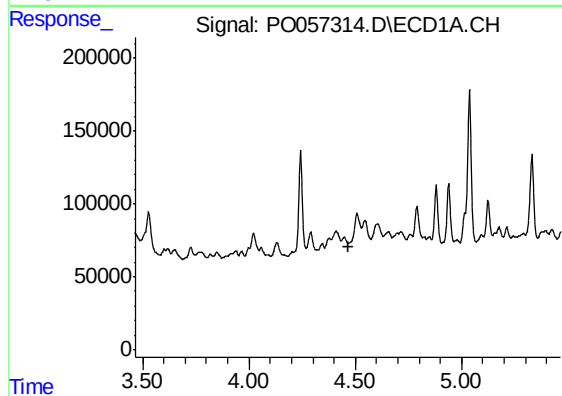
R.T.: 0.000 min
Exp R.T. : 5.890 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
30271



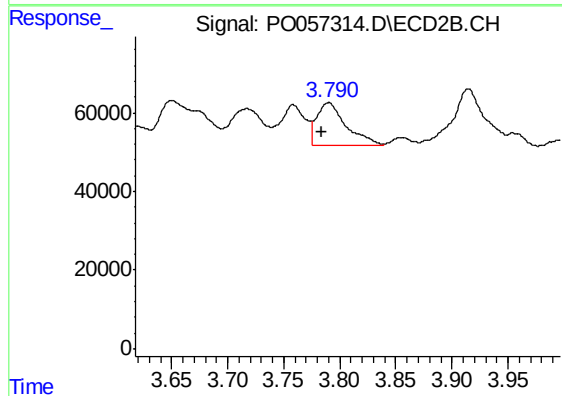
#7 AR-1016-5

R.T.: 5.082 min
Delta R.T.: -0.006 min
Response: 135388
Conc: 126.21 ng/ml



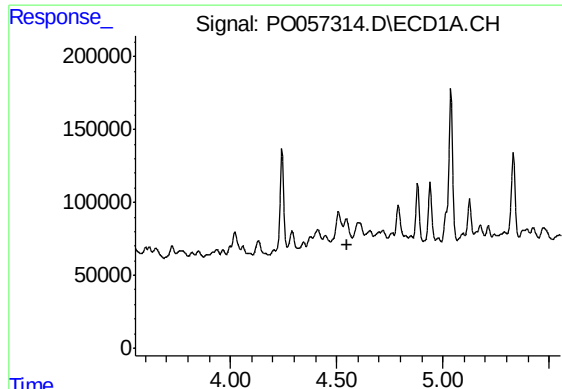
#8 AR-1221-1

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



#8 AR-1221-1

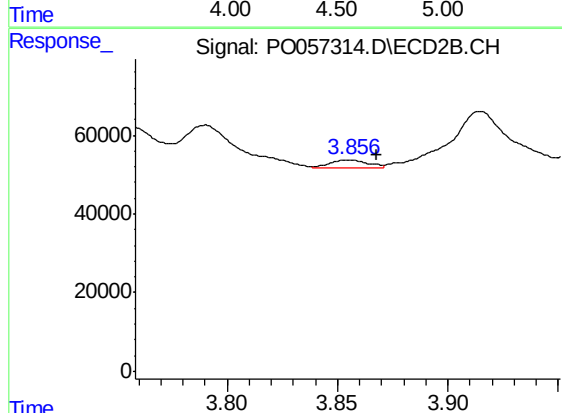
R.T.: 3.791 min
Delta R.T.: 0.007 min
Response: 194497
Conc: 383.51 ng/ml



#9 AR-1221-2

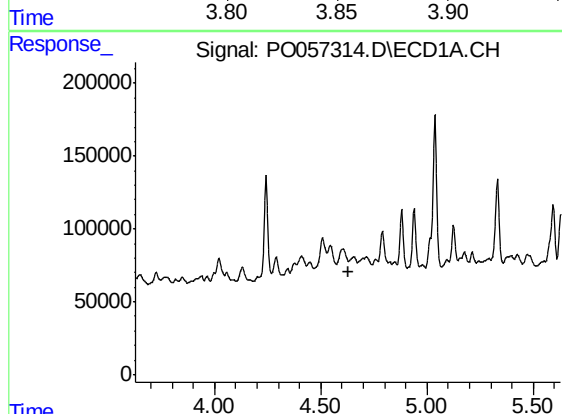
R.T.: 0.000 min
Exp R.T.: 4.553 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
30271



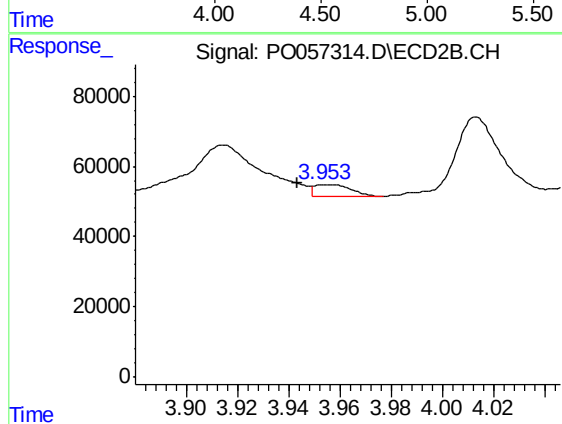
#9 AR-1221-2

R.T.: 3.856 min
Delta R.T.: -0.012 min
Response: 24212
Conc: 64.25 ng/ml



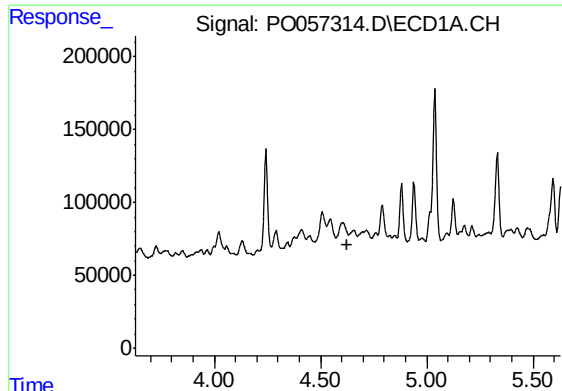
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T.: 4.628 min
Response: 0
Conc: N.D.



#10 AR-1221-3

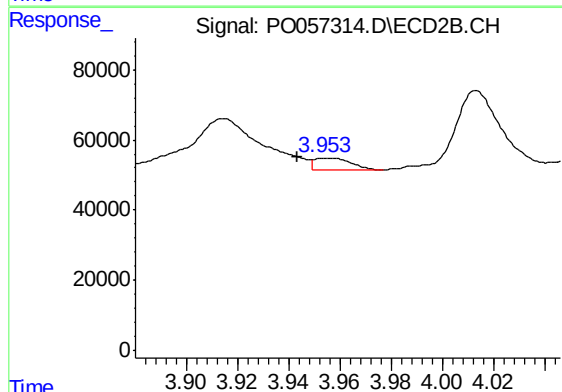
R.T.: 3.954 min
Delta R.T.: 0.011 min
Response: 32225
Conc: 26.92 ng/ml



#11 AR-1232-1

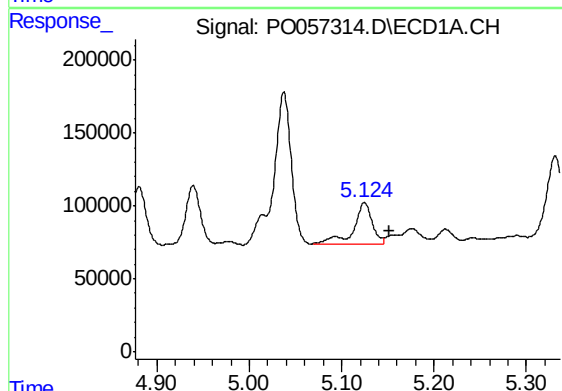
R.T.: 0.000 min
Exp R.T.: 4.629 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
30271



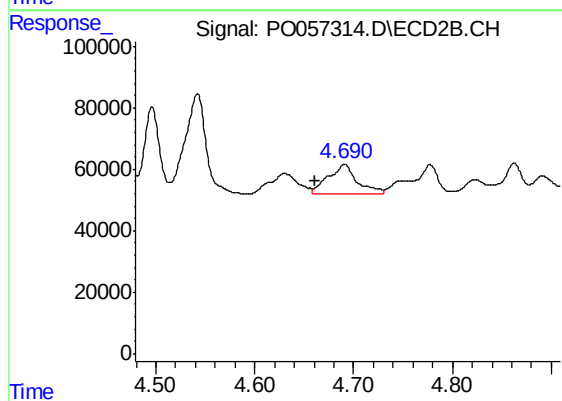
#11 AR-1232-1

R.T.: 3.954 min
Delta R.T.: 0.011 min
Response: 32225
Conc: 35.87 ng/ml



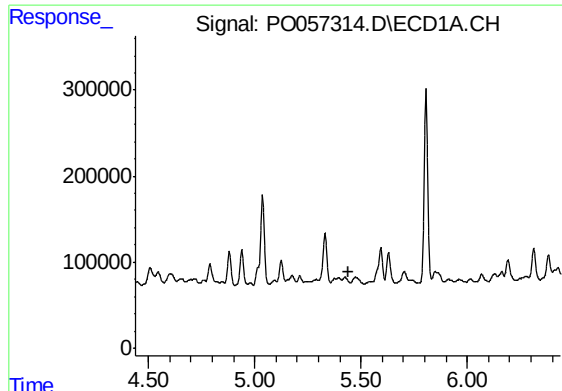
#12 AR-1232-2

R.T.: 5.125 min
Delta R.T.: -0.027 min
Response: 388966
Conc: 586.64 ng/ml



#12 AR-1232-2

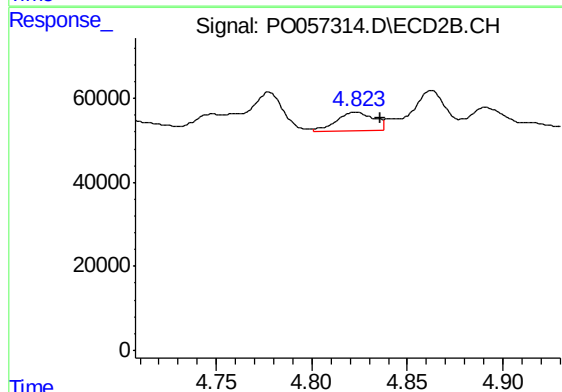
R.T.: 4.691 min
Delta R.T.: 0.029 min
Response: 192352
Conc: 197.92 ng/ml



#13 AR-1232-3

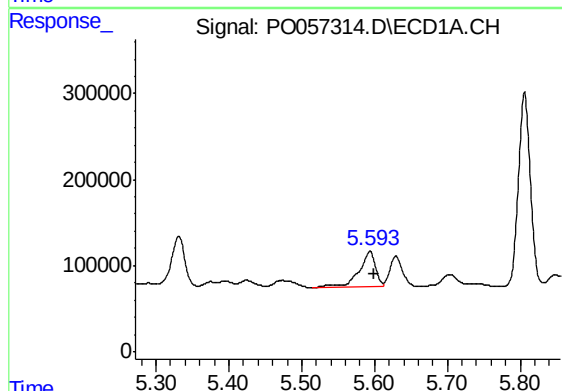
R.T.: 0.000 min
Exp R.T.: 5.439 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
30271



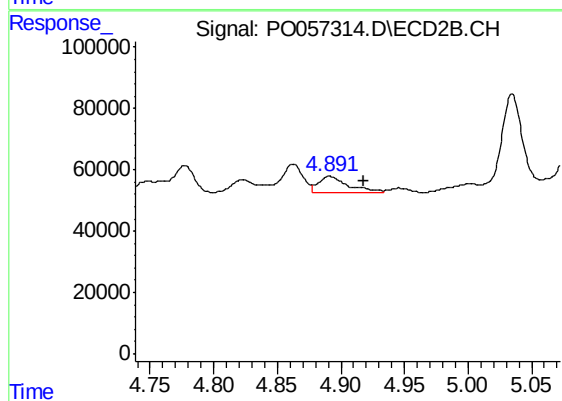
#13 AR-1232-3

R.T.: 4.823 min
Delta R.T.: -0.013 min
Response: 59894
Conc: 114.46 ng/ml



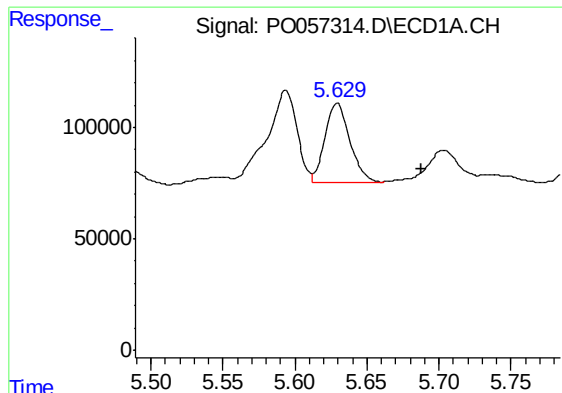
#14 AR-1232-4

R.T.: 5.594 min
Delta R.T.: -0.006 min
Response: 67044
Conc: 952.43 ng/ml



#14 AR-1232-4

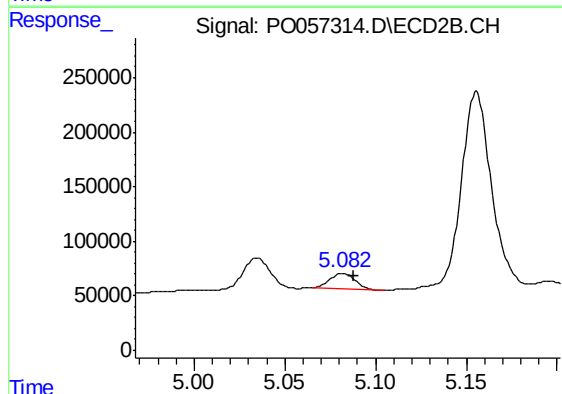
R.T.: 4.891 min
Delta R.T.: -0.027 min
Response: 89924
Conc: 182.52 ng/ml



#15 AR-1232-5

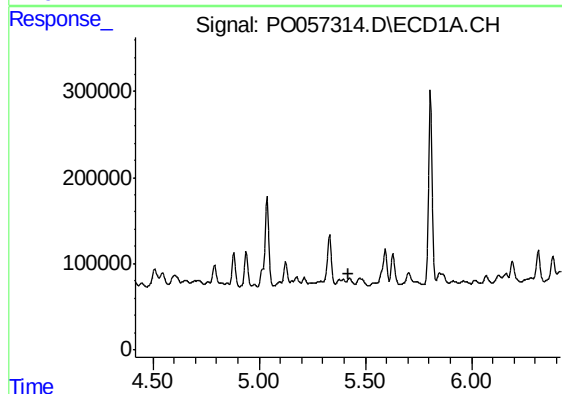
R.T.: 5.629 min
Delta R.T.: -0.059 min
Response: 429240
Conc: 759.20 ng/ml

Instrument :
ECD_O
ClientSampleId :
30271



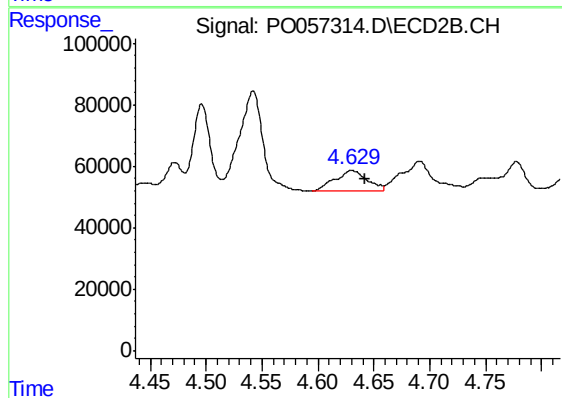
#15 AR-1232-5

R.T.: 5.082 min
Delta R.T.: -0.006 min
Response: 135388
Conc: 240.37 ng/ml



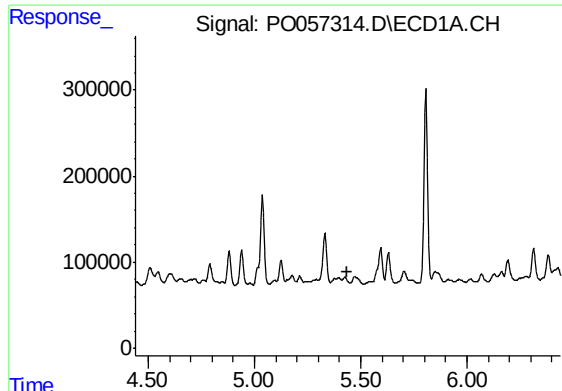
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 5.418 min
Response: 0
Conc: N.D.



#16 AR-1242-1

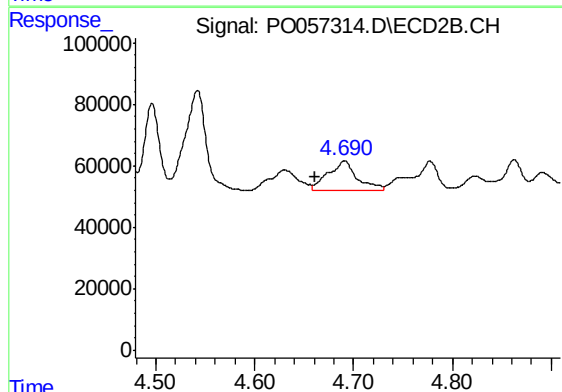
R.T.: 4.630 min
Delta R.T.: -0.013 min
Response: 135632
Conc: 109.51 ng/ml



#17 AR-1242-2

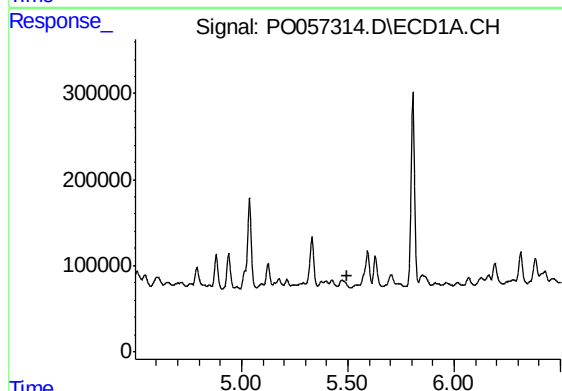
R.T.: 0.000 min
Exp R.T. : 5.440 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
30271



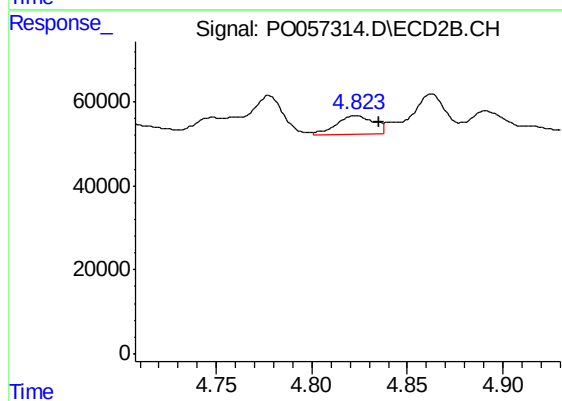
#17 AR-1242-2

R.T.: 4.691 min
Delta R.T.: 0.030 min
Response: 192352
Conc: 106.96 ng/ml



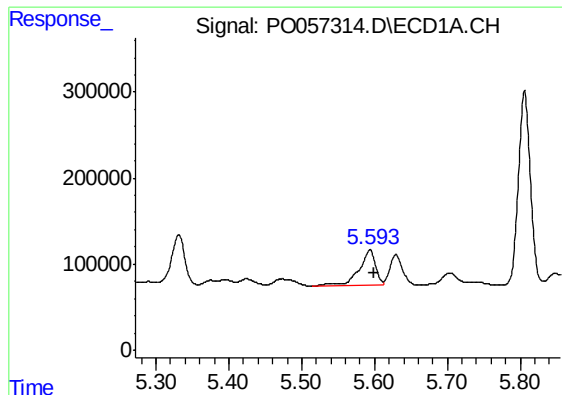
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 5.500 min
Response: 0
Conc: N.D.



#18 AR-1242-3

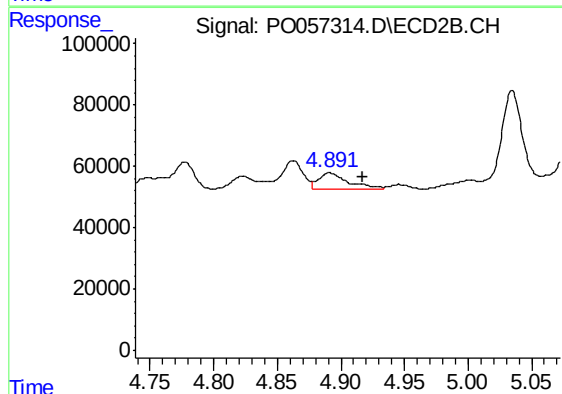
R.T.: 4.823 min
Delta R.T.: -0.012 min
Response: 59894
Conc: 60.92 ng/ml



#19 AR-1242-4

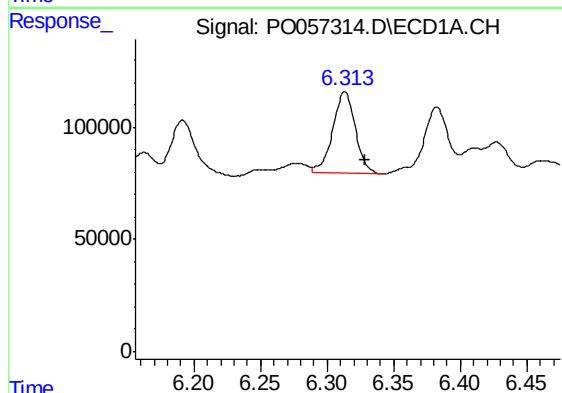
R.T.: 5.594 min
Delta R.T.: -0.005 min
Response: 670444
Conc: 501.56 ng/ml

Instrument :
ECD_O
ClientSampleId :
30271



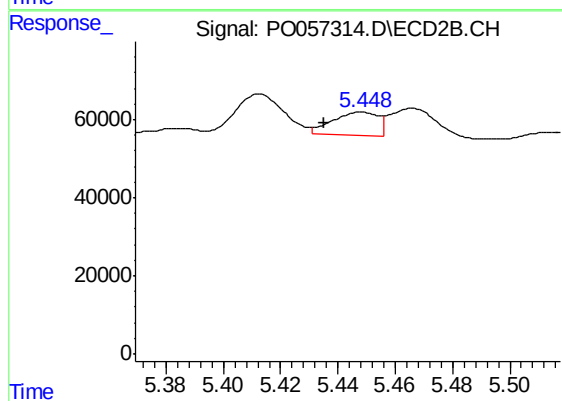
#19 AR-1242-4

R.T.: 4.891 min
Delta R.T.: -0.026 min
Response: 89924
Conc: 92.41 ng/ml



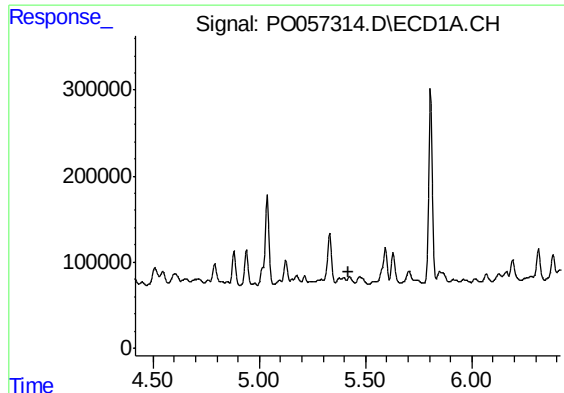
#20 AR-1242-5

R.T.: 6.313 min
Delta R.T.: -0.016 min
Response: 432259
Conc: 261.96 ng/ml



#20 AR-1242-5

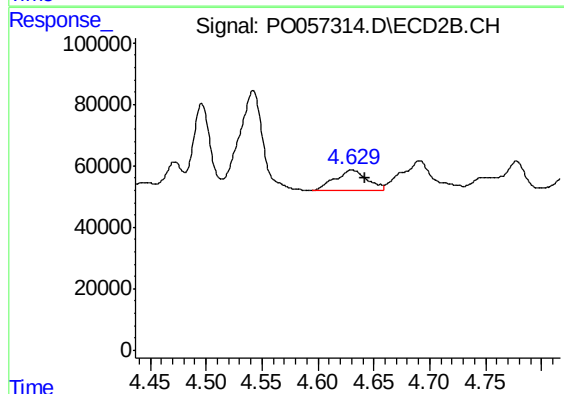
R.T.: 5.448 min
Delta R.T.: 0.013 min
Response: 66371
Conc: 56.14 ng/ml



#21 AR-1248-1

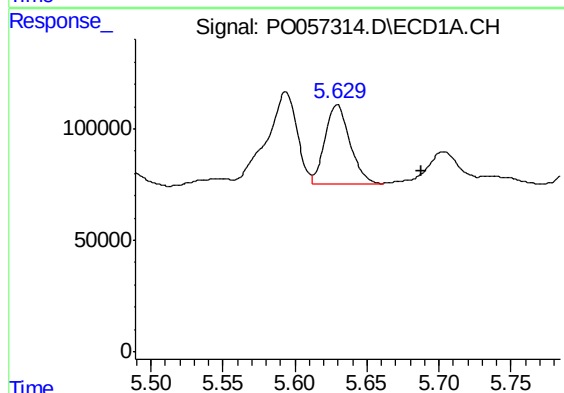
R.T.: 0.000 min
Exp R.T.: 5.418 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
30271



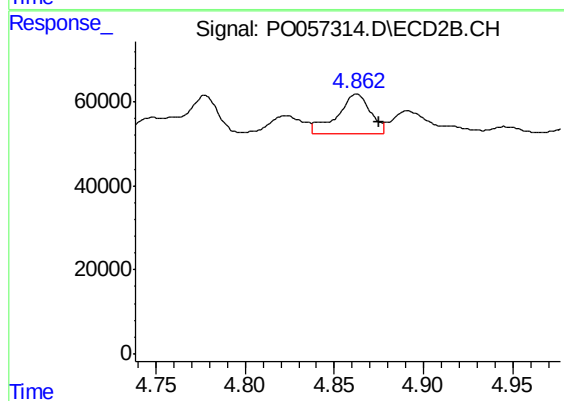
#21 AR-1248-1

R.T.: 4.630 min
Delta R.T.: -0.013 min
Response: 135632
Conc: 144.83 ng/ml



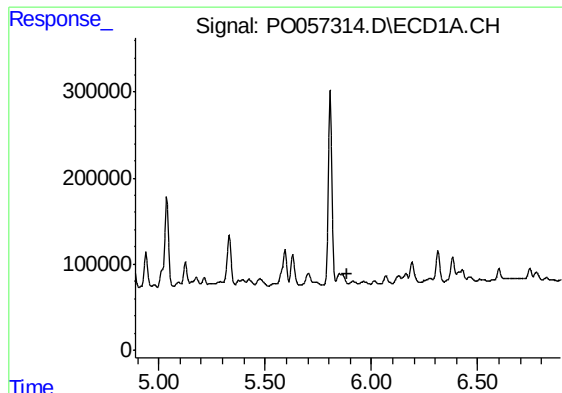
#22 AR-1248-2

R.T.: 5.629 min
Delta R.T.: -0.058 min
Response: 429240
Conc: 230.42 ng/ml



#22 AR-1248-2

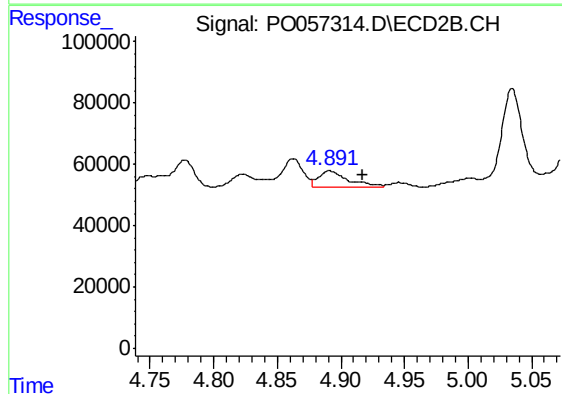
R.T.: 4.863 min
Delta R.T.: -0.013 min
Response: 123436
Conc: 97.16 ng/ml



#23 AR-1248-3

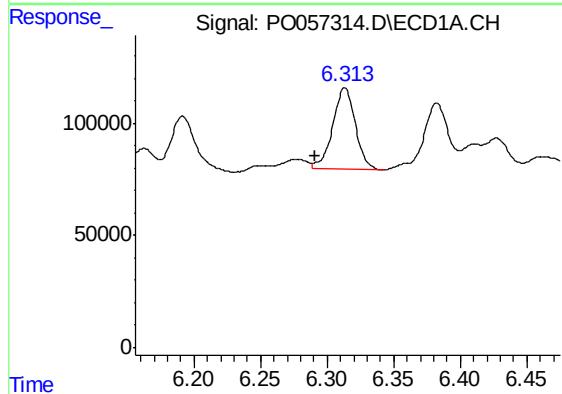
R.T.: 0.000 min
Exp R.T.: 5.890 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
30271



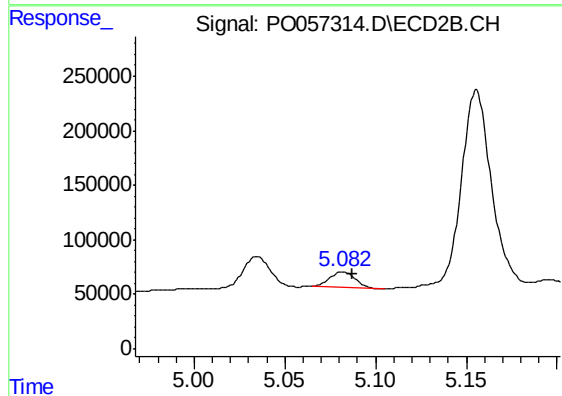
#23 AR-1248-3

R.T.: 4.891 min
Delta R.T.: -0.026 min
Response: 89924
Conc: 68.86 ng/ml



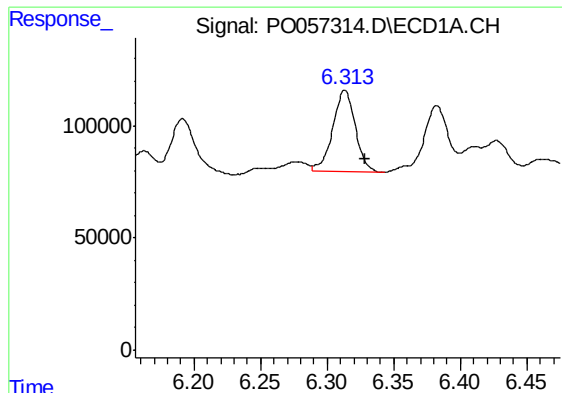
#24 AR-1248-4

R.T.: 6.313 min
Delta R.T.: 0.022 min
Response: 432259
Conc: 186.83 ng/ml



#24 AR-1248-4

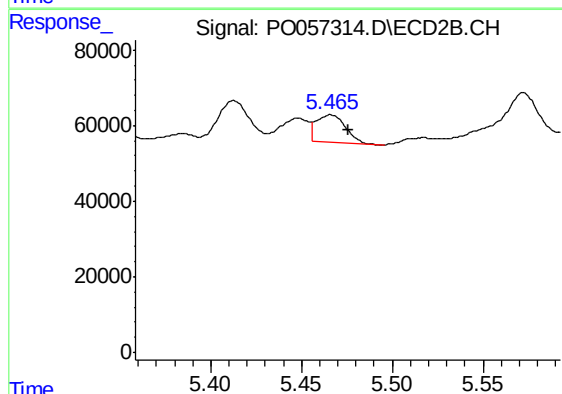
R.T.: 5.082 min
Delta R.T.: -0.005 min
Response: 135388
Conc: 85.49 ng/ml



#25 AR-1248-5

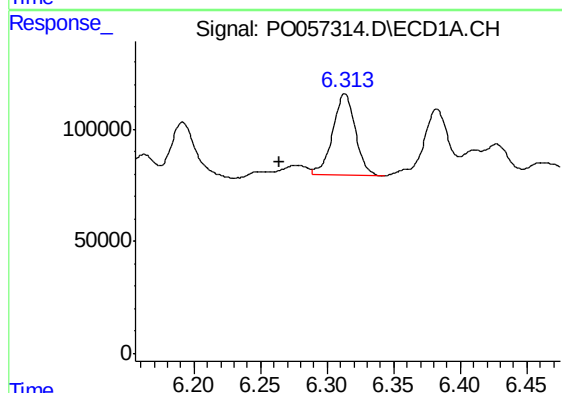
R.T.: 6.313 min
Delta R.T.: -0.016 min
Response: 432259
Conc: 196.54 ng/ml

Instrument :
ECD_O
ClientSampleId :
30271



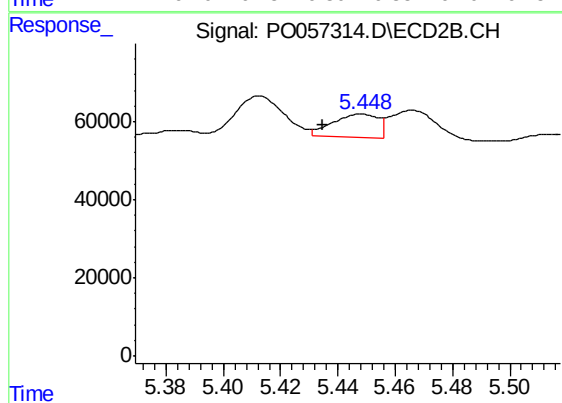
#25 AR-1248-5

R.T.: 5.466 min
Delta R.T.: -0.010 min
Response: 82401
Conc: 49.79 ng/ml



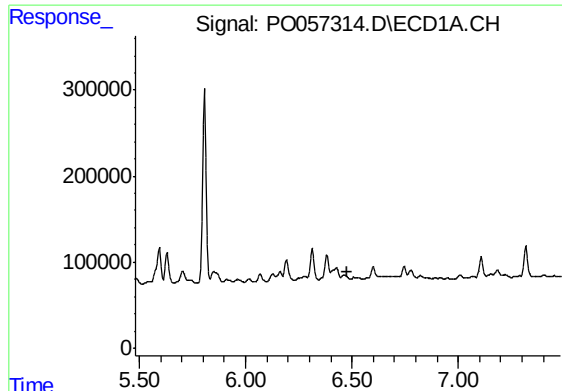
#26 AR-1254-1

R.T.: 6.313 min
Delta R.T.: 0.049 min
Response: 432259
Conc: 157.03 ng/ml



#26 AR-1254-1

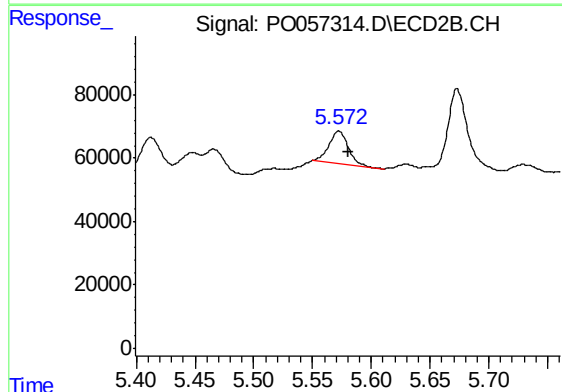
R.T.: 5.448 min
Delta R.T.: 0.013 min
Response: 66371
Conc: 25.10 ng/ml



#27 AR-1254-2

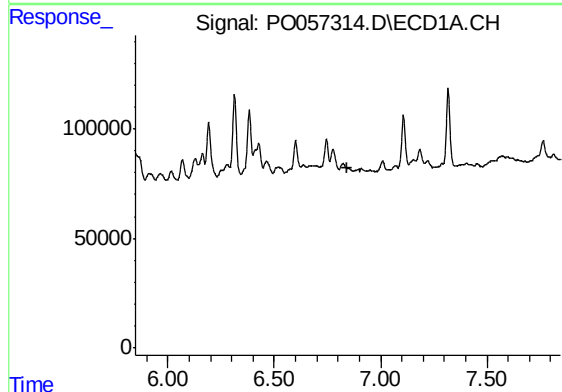
R.T.: 0.000 min
Exp R.T. : 6.481 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
30271



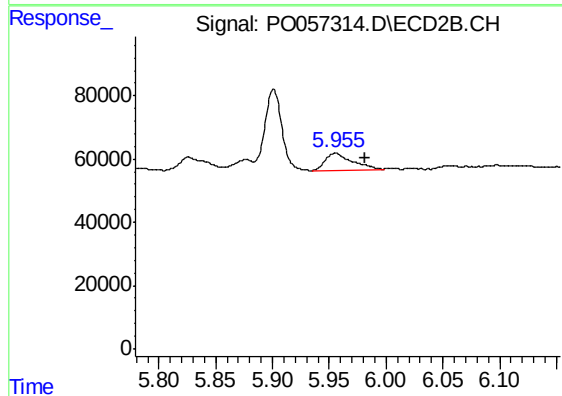
#27 AR-1254-2

R.T.: 5.572 min
Delta R.T.: -0.008 min
Response: 118776
Conc: 55.10 ng/ml



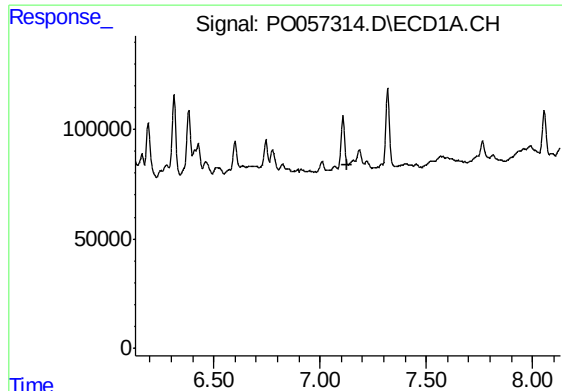
#28 AR-1254-3

R.T.: 0.000 min
Exp R.T. : 6.846 min
Response: 0
Conc: N.D.



#28 AR-1254-3

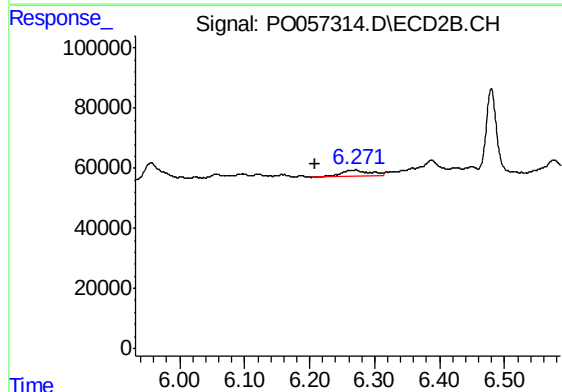
R.T.: 5.956 min
Delta R.T.: -0.026 min
Response: 88555
Conc: 24.19 ng/ml



#29 AR-1254-4

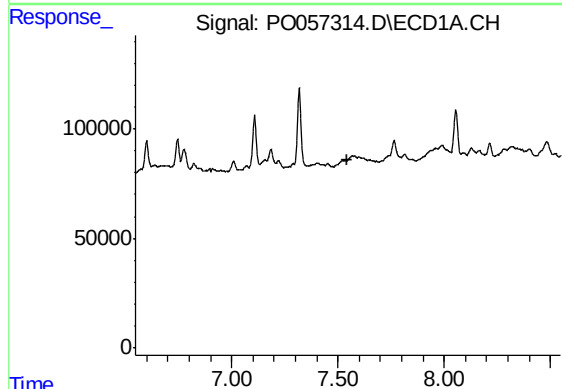
R.T.: 0.000 min
Exp R.T.: 7.131 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
30271



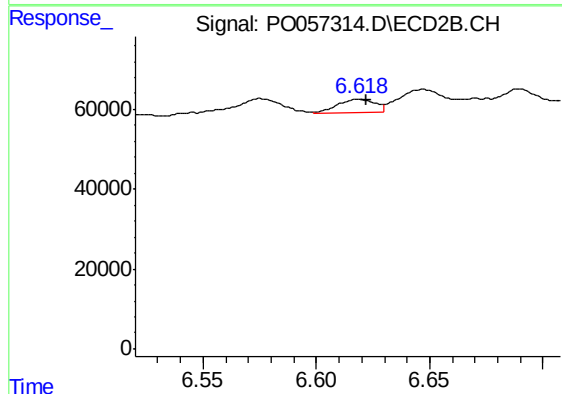
#29 AR-1254-4

R.T.: 6.271 min
Delta R.T.: 0.063 min
Response: 66437
Conc: 30.24 ng/ml



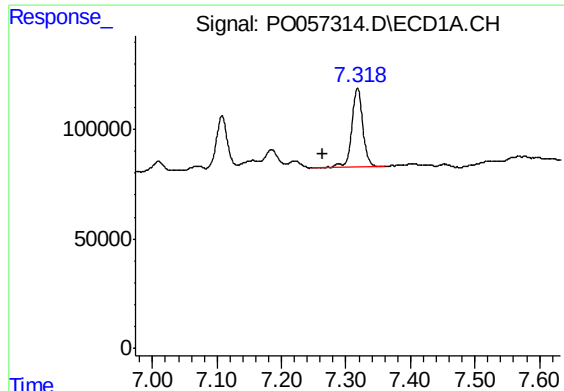
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T.: 7.547 min
Response: 0
Conc: N.D.



#30 AR-1254-5

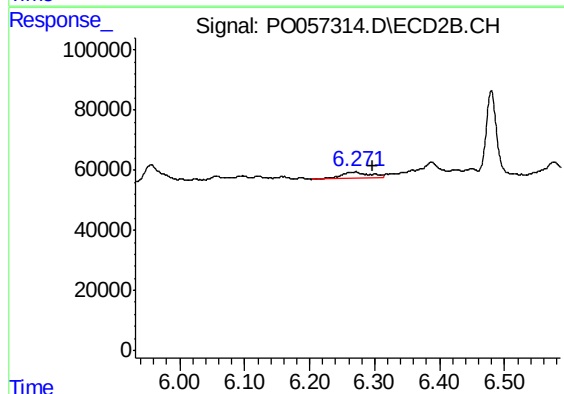
R.T.: 6.619 min
Delta R.T.: -0.003 min
Response: 39245
Conc: 12.38 ng/ml



#32 AR-1260-2

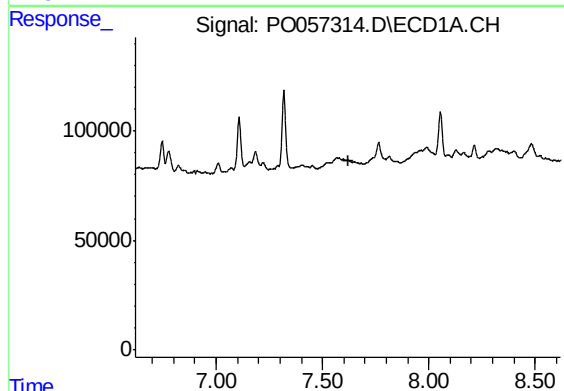
R.T.: 7.318 min
Delta R.T.: 0.054 min
Response: 431387
Conc: 142.65 ng/ml

Instrument :
ECD_O
ClientSampleId :
30271



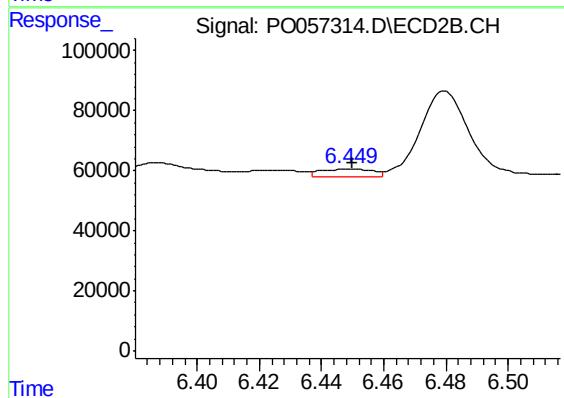
#32 AR-1260-2

R.T.: 6.271 min
Delta R.T.: -0.027 min
Response: 66437
Conc: 26.95 ng/ml



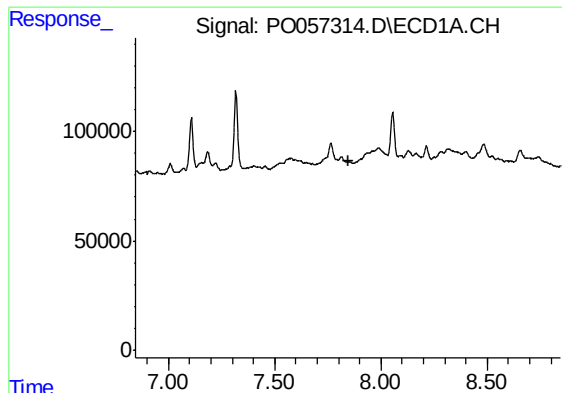
#33 AR-1260-3

R.T.: 0.000 min
Exp R.T. : 7.620 min
Response: 0
Conc: N.D.



#33 AR-1260-3

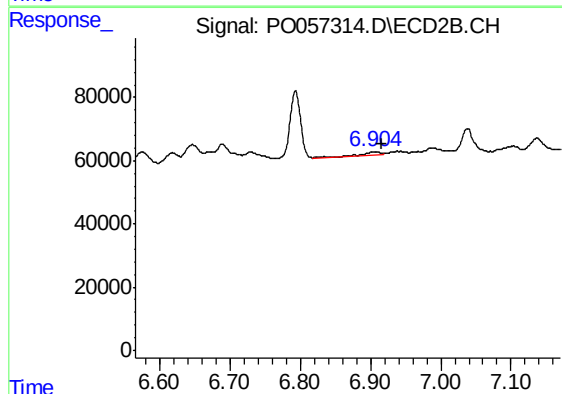
R.T.: 6.450 min
Delta R.T.: 0.000 min
Response: 29135
Conc: 12.99 ng/ml



#34 AR-1260-4

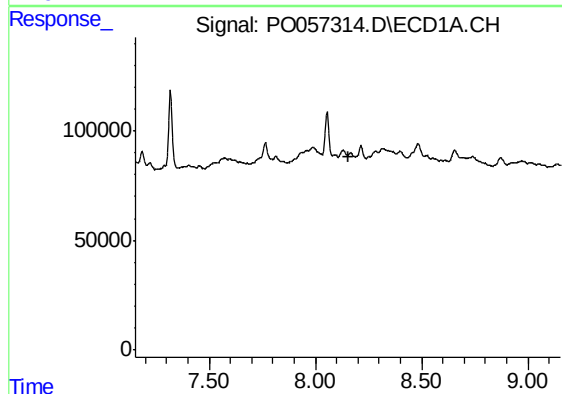
R.T.: 0.000 min
Exp R.T.: 7.845 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
30271



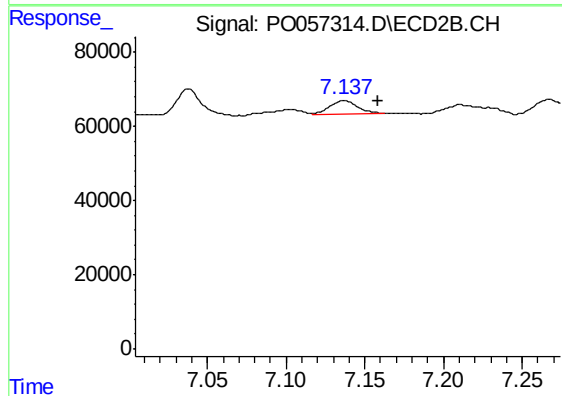
#34 AR-1260-4

R.T.: 6.905 min
Delta R.T.: -0.012 min
Response: 14375
Conc: 7.72 ng/ml



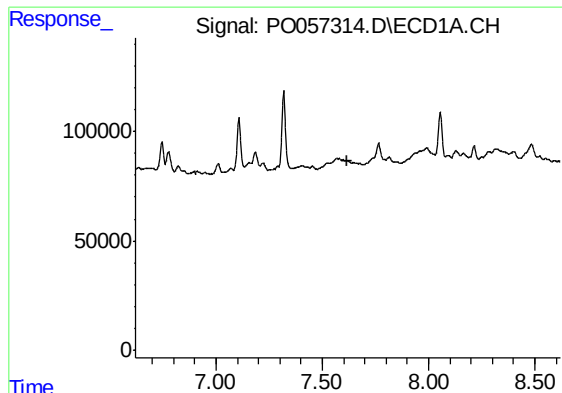
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T.: 8.153 min
Response: 0
Conc: N.D.



#35 AR-1260-5

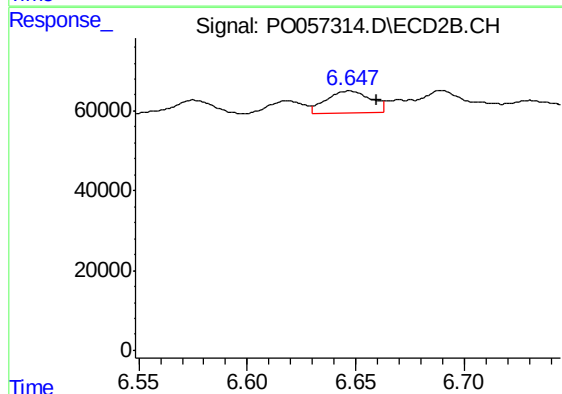
R.T.: 7.137 min
Delta R.T.: -0.021 min
Response: 49100
Conc: 11.39 ng/ml



#36 AR-1262-1

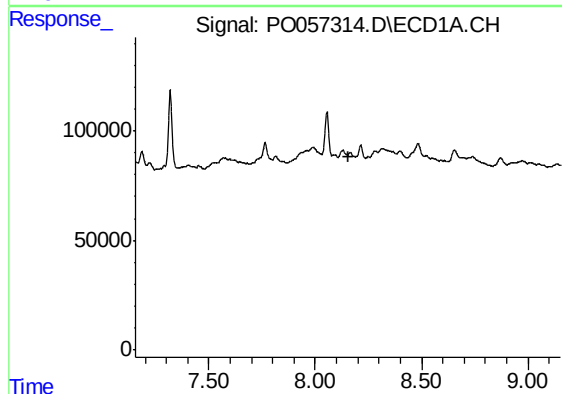
R.T.: 0.000 min
Exp R.T.: 7.620 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
30271



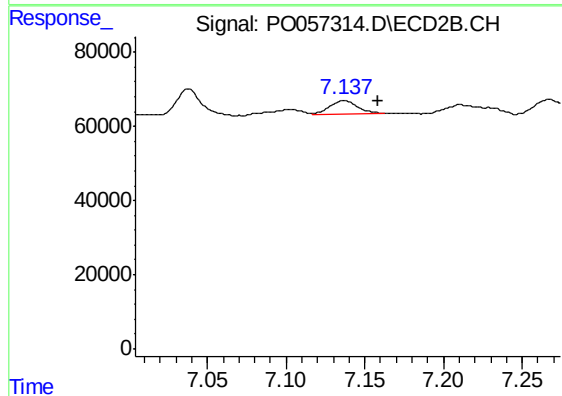
#36 AR-1262-1

R.T.: 6.647 min
Delta R.T.: -0.013 min
Response: 79406
Conc: 19.02 ng/ml



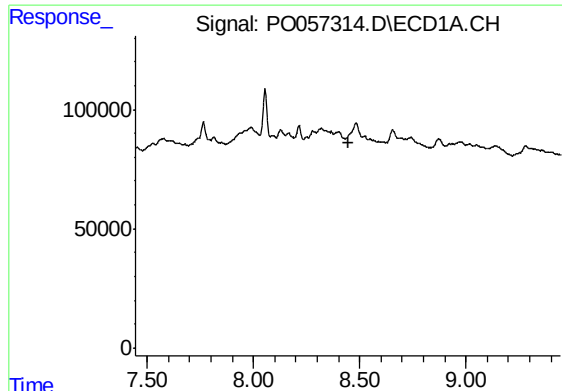
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T.: 8.154 min
Response: 0
Conc: N.D.



#37 AR-1262-2

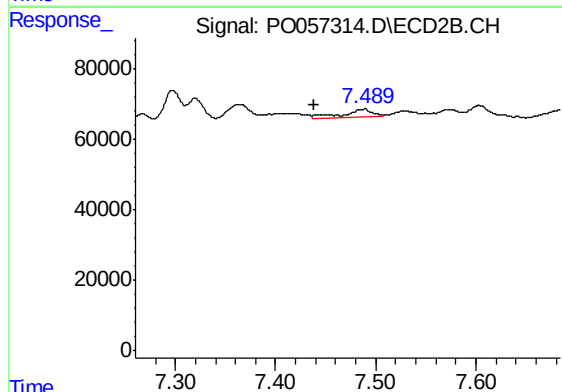
R.T.: 7.137 min
Delta R.T.: -0.022 min
Response: 49100
Conc: 7.15 ng/ml



#38 AR-1262-3

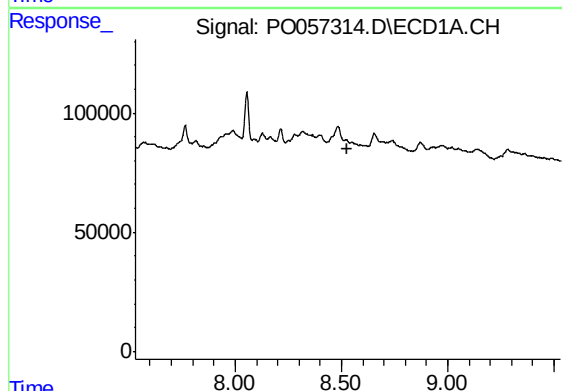
R.T.: 0.000 min
Exp R.T. : 8.445 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
30271



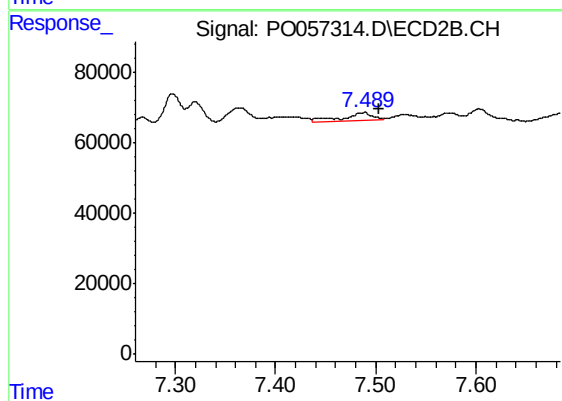
#38 AR-1262-3

R.T.: 7.489 min
Delta R.T.: 0.051 min
Response: 48134
Conc: 16.30 ng/ml



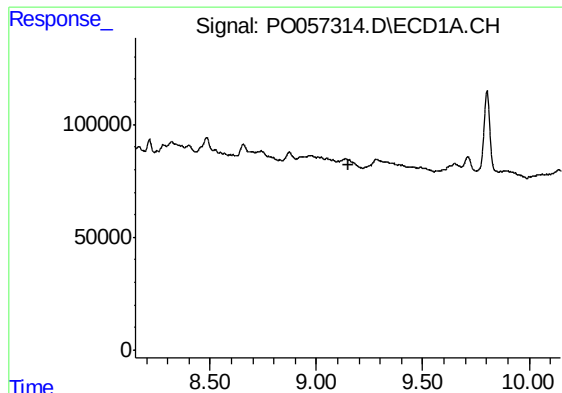
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 8.530 min
Response: 0
Conc: N.D.



#39 AR-1262-4

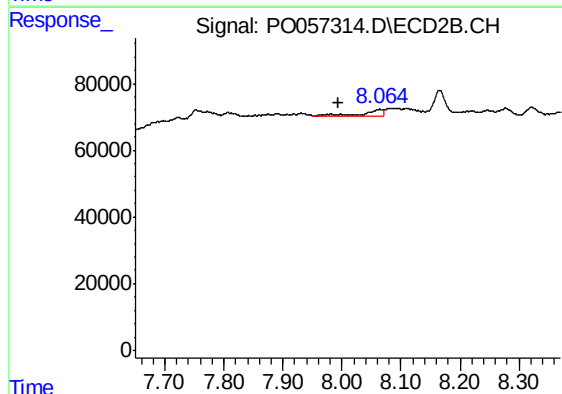
R.T.: 7.489 min
Delta R.T.: -0.014 min
Response: 48134
Conc: 9.24 ng/ml



#40 AR-1262-5

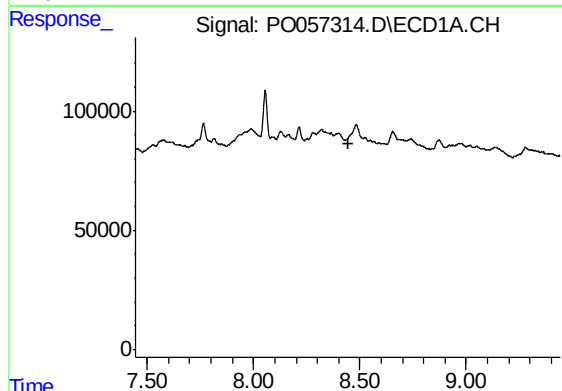
R.T.: 0.000 min
Exp R.T. : 9.148 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
30271



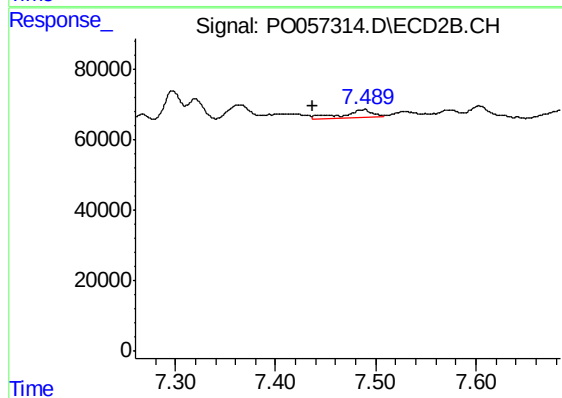
#40 AR-1262-5

R.T.: 8.064 min
Delta R.T.: 0.070 min
Response: 42912
Conc: 18.48 ng/ml



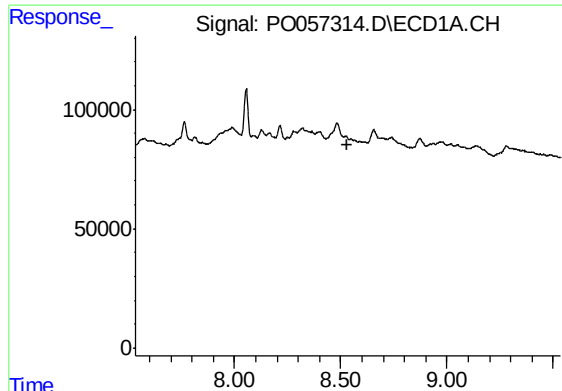
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 8.444 min
Response: 0
Conc: N.D.



#41 AR-1268-1

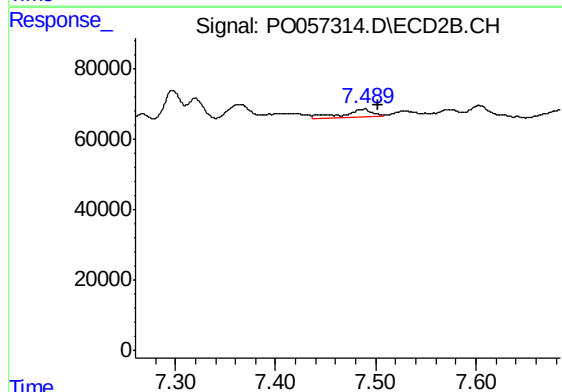
R.T.: 7.489 min
Delta R.T.: 0.052 min
Response: 48134
Conc: 6.45 ng/ml



#42 AR-1268-2

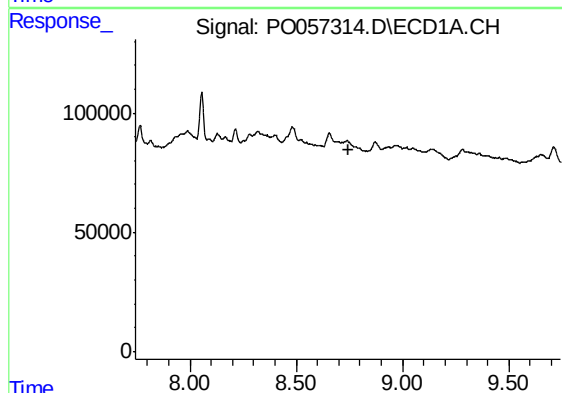
R.T.: 0.000 min
Exp R.T. : 8.534 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
30271



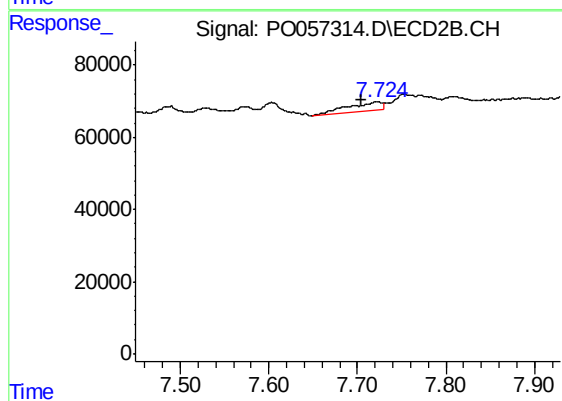
#42 AR-1268-2

R.T.: 7.489 min
Delta R.T.: -0.014 min
Response: 48134
Conc: 6.89 ng/ml



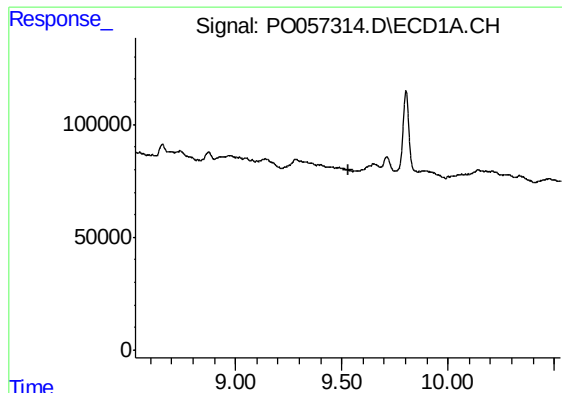
#43 AR-1268-3

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



#43 AR-1268-3

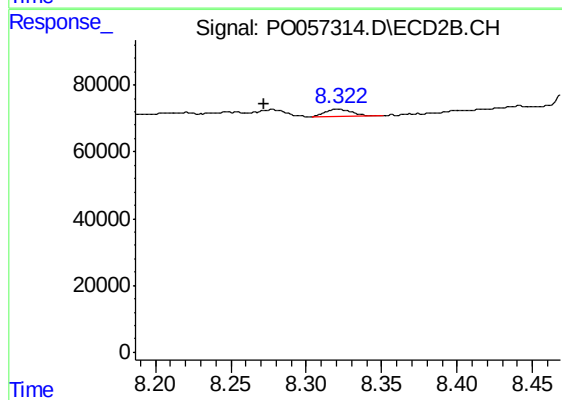
R.T.: 7.723 min
Delta R.T.: 0.018 min
Response: 60140
Conc: 10.13 ng/ml



#45 AR-1268-5

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

Instrument :
ECD_O
ClientSampleId :
30271



#45 AR-1268-5

R.T.: 8.321 min
Delta R.T.: 0.049 min
Response: 25288
Conc: 1.46 ng/ml