

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO111219\
 Data File : PO063660.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 12 Nov 2019 15:21
 Operator : SM/AJ
 Sample : K5670-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 OK-02-111119

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 12 15:50:40 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110719.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Nov 08 04:54:26 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...	4.320	3.574	1098566	812963	33.199	38.557
2)	SA Decachlor...	9.947	8.549	1023054	584896	18.644	19.732
Target Compounds							
3)	L1 AR-1016-1	5.475	0.000	22746	0	16.394	N.D. #
4)	L1 AR-1016-2	5.501	0.000	21832	0	10.814	N.D. #
5)	L1 AR-1016-3	5.563	0.000	13703	0	10.798	N.D. #
6)	L1 AR-1016-4	5.668	0.000	22712	0	21.922	N.D. #
7)	L1 AR-1016-5	5.956	0.000	22443	0	20.052	N.D. #
8)	L2 AR-1221-1	4.505	0.000	18713	0	53.169	N.D. #
9)	L2 AR-1221-2	4.621	0.000	39068	0	140.639	N.D. #
10)	L2 AR-1221-3	4.703	0.000	30856	0	35.445	N.D. #
11)	L3 AR-1232-1	4.703	0.000	30856	0	26.199	N.D. #
12)	L3 AR-1232-2	5.217	0.000	19915	0	30.508	N.D. #
13)	L3 AR-1232-3	5.501	0.000	21832	0	15.440	N.D. #
14)	L3 AR-1232-4	5.668	0.000	22712	0	31.677	N.D. #
15)	L3 AR-1232-5	5.753	0.000	11375	0	20.359	N.D. #
16)	L4 AR-1242-1	5.475	0.000	22746	0	23.022	N.D. #
17)	L4 AR-1242-2	5.501	0.000	21832	0	15.170	N.D. #
18)	L4 AR-1242-3	5.563	0.000	13703	0	15.020	N.D. #
19)	L4 AR-1242-4	5.668	0.000	22712	0	30.642	N.D. #
20)	L4 AR-1242-5	6.395	0.000	32733	0	33.967	N.D. #
21)	L5 AR-1248-1	5.475	0.000	22746	0	28.128	N.D. #
22)	L5 AR-1248-2	5.753	0.000	11375	0	9.380	N.D. #
23)	L5 AR-1248-3	5.956	0.000	22443	0	16.102	N.D. #
24)	L5 AR-1248-4	6.362	0.000	34275	0	20.106	N.D. #
25)	L5 AR-1248-5	6.395	0.000	32733	0	19.900	N.D. #
26)	L6 AR-1254-1	6.314	0.000	55243	0	32.513	N.D. #
27)	L6 AR-1254-2	6.547	5.622	98149	43021	35.509	34.085
28)	L6 AR-1254-3	6.922	6.018	183390	95098	57.667	44.100
29)	L6 AR-1254-4	7.196	6.274	31078	78851	12.641	57.080 #
30)	L6 AR-1254-5	7.634	6.642	331299	237566	118.724	122.235
31)	L7 AR-1260-1	7.074	0.000	67589	0	28.124	N.D. #
32)	L7 AR-1260-2	7.324	6.274	665559	78851	220.348	44.579 #
33)	L7 AR-1260-3	7.689	0.000	34053	0	14.715	N.D. #
34)	L7 AR-1260-4	7.915	0.000	126248	0	45.492	N.D. #
35)	L7 AR-1260-5	8.223	0.000	126354	0	22.774	N.D. #
36)	L8 AR-1262-1	7.689	0.000	34053	0	10.655	N.D. #
37)	L8 AR-1262-2	8.223	0.000	126354	0	21.089	N.D. #
38)	L8 AR-1262-3	8.538	0.000	121350	0	30.082	N.D. #
39)	L8 AR-1262-4	8.605	0.000	58582	0	19.353	N.D. #
40)	L8 AR-1262-5	9.233	0.000	71151	0	35.178	N.D. #
41)	L9 AR-1268-1	8.538	0.000	121350	0	17.475	N.D. #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0111219\
Data File : P0063660.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 12 Nov 2019 15:21
Operator : SM/AJ
Sample : K5670-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

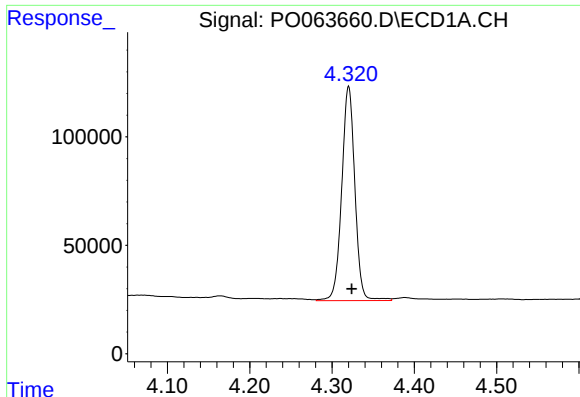
Instrument :
ECD_O
ClientSampleId :
OK-02-111119

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 12 15:50:40 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0110719.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 04:54:26 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	8.605	0.000	58582	0	9.227	N.D.	#
43)	L9 AR-1268-3	8.830	0.000	83766	0	15.988	N.D.	#
44)	L9 AR-1268-4	9.233	0.000	71151	0	31.805	N.D.	#
45)	L9 AR-1268-5	9.628	0.000	77497	0	4.714	N.D.	#

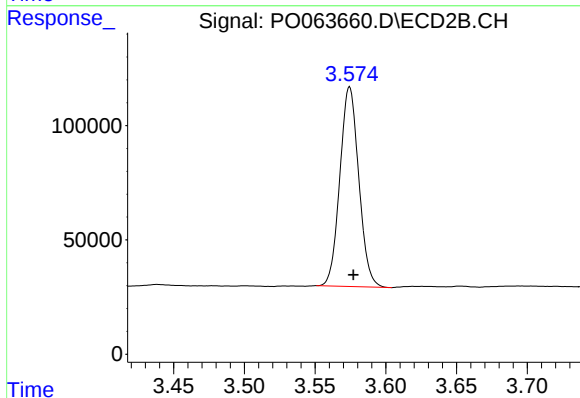
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

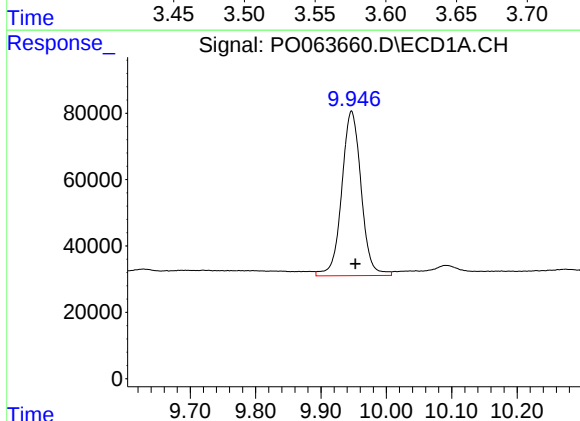
R.T.: 4.320 min
Delta R.T.: -0.004 min
Response: 1098566
Conc: 33.20 ng/ml

Instrument :
ECD_O
ClientSampleId :
OK-02-111119



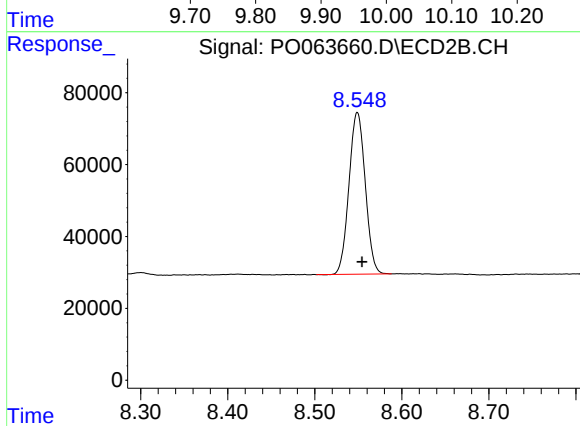
#1 Tetrachloro-m-xylene

R.T.: 3.574 min
Delta R.T.: -0.003 min
Response: 812963
Conc: 38.56 ng/ml



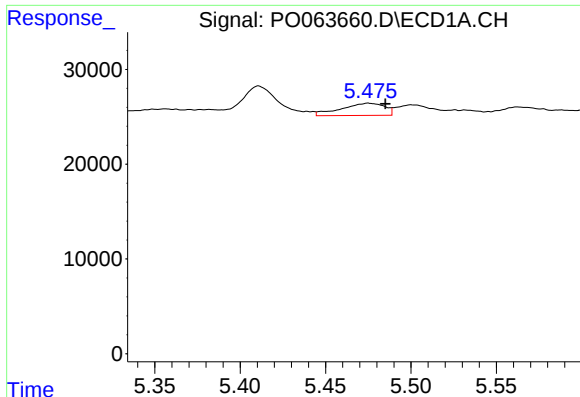
#2 Decachlorobiphenyl

R.T.: 9.947 min
Delta R.T.: -0.006 min
Response: 1023054
Conc: 18.64 ng/ml



#2 Decachlorobiphenyl

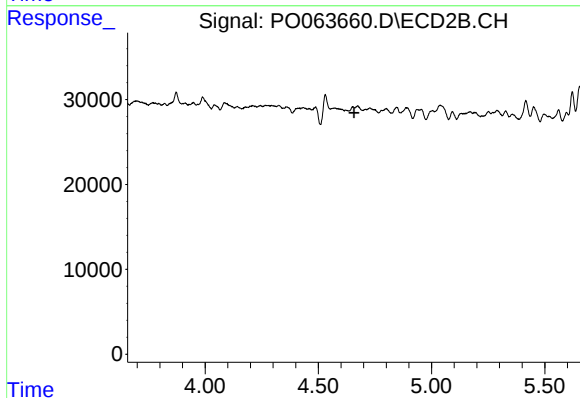
R.T.: 8.549 min
Delta R.T.: -0.005 min
Response: 584896
Conc: 19.73 ng/ml



#3 AR-1016-1

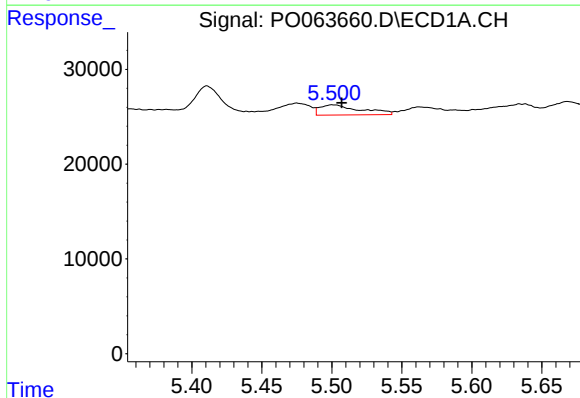
R.T.: 5.475 min
Delta R.T.: -0.010 min
Response: 22746
Conc: 16.39 ng/ml

Instrument :
ECD_O
ClientSampleId :
OK-02-111119



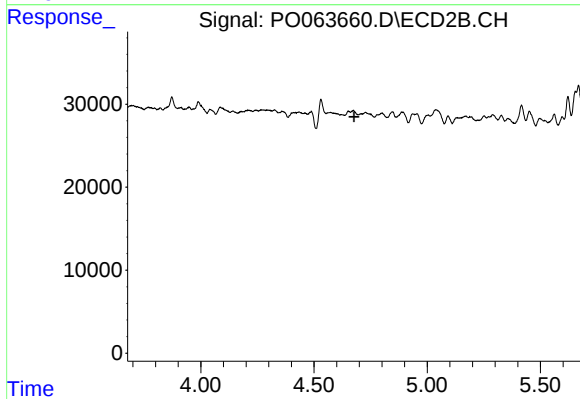
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 4.657 min
Response: 0
Conc: N.D.



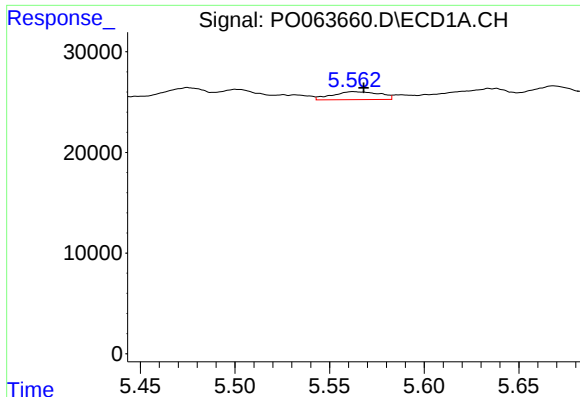
#4 AR-1016-2

R.T.: 5.501 min
Delta R.T.: -0.006 min
Response: 21832
Conc: 10.81 ng/ml



#4 AR-1016-2

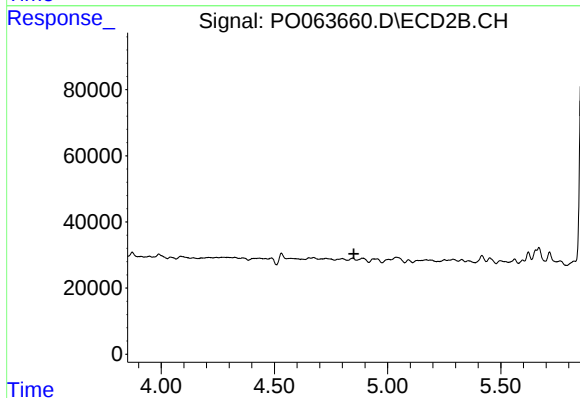
R.T.: 0.000 min
Exp R.T. : 4.676 min
Response: 0
Conc: N.D.



#5 AR-1016-3

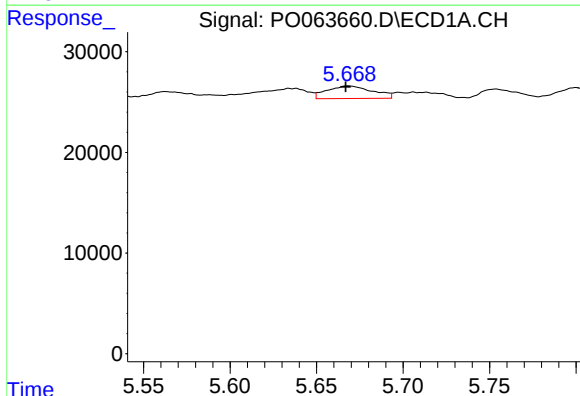
R.T.: 5.563 min
Delta R.T.: -0.005 min
Response: 13703
Conc: 10.80 ng/ml

Instrument :
ECD_O
ClientSampleId :
OK-02-111119



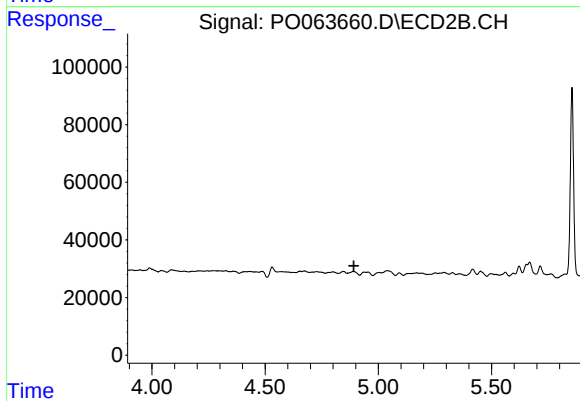
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 4.851 min
Response: 0
Conc: N.D.



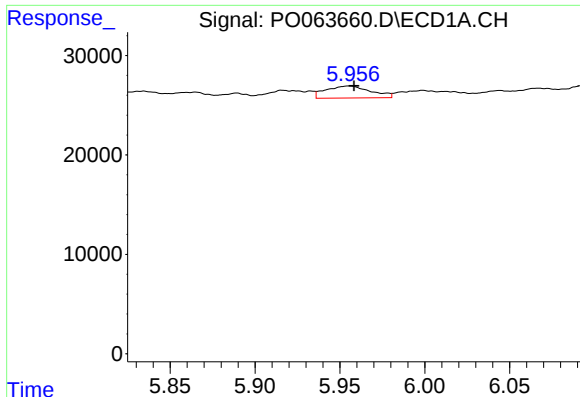
#6 AR-1016-4

R.T.: 5.668 min
Delta R.T.: 0.001 min
Response: 22712
Conc: 21.92 ng/ml



#6 AR-1016-4

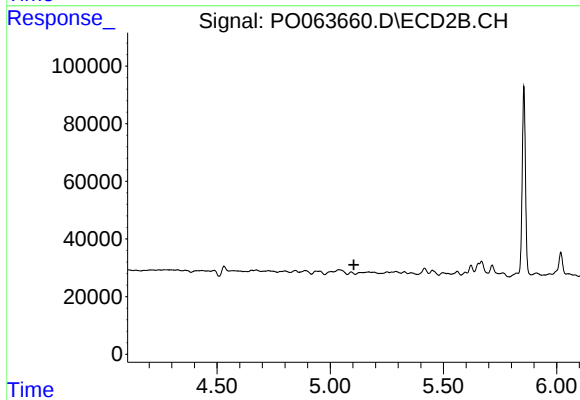
R.T.: 0.000 min
Exp R.T. : 4.892 min
Response: 0
Conc: N.D.



#7 AR-1016-5

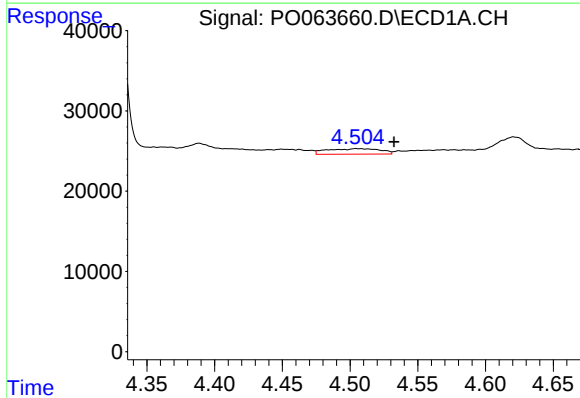
R.T.: 5.956 min
Delta R.T.: -0.003 min
Response: 22443
Conc: 20.05 ng/ml

Instrument :
ECD_O
ClientSampleId :
OK-02-111119



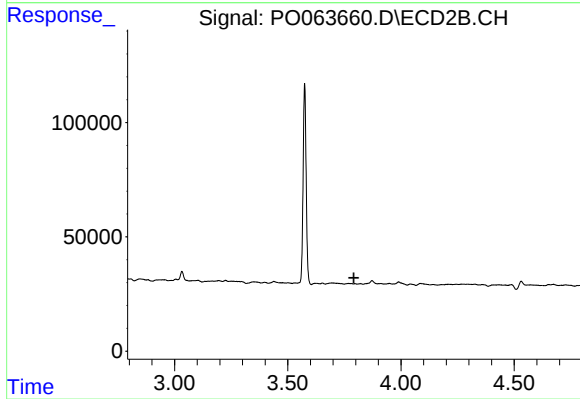
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 5.104 min
Response: 0
Conc: N.D.



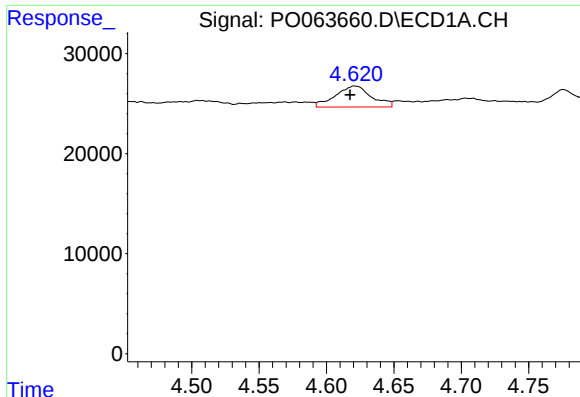
#8 AR-1221-1

R.T.: 4.505 min
Delta R.T.: -0.028 min
Response: 18713
Conc: 53.17 ng/ml



#8 AR-1221-1

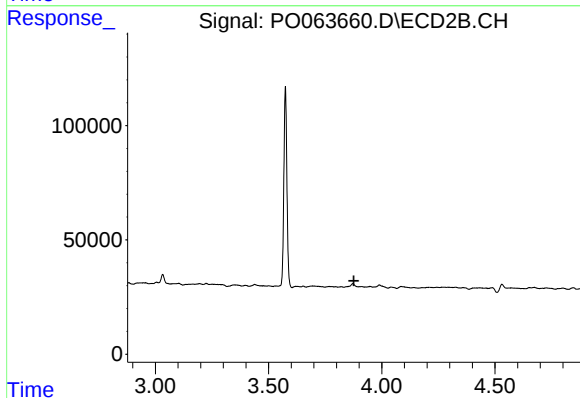
R.T.: 0.000 min
Exp R.T. : 3.792 min
Response: 0
Conc: N.D.



#9 AR-1221-2

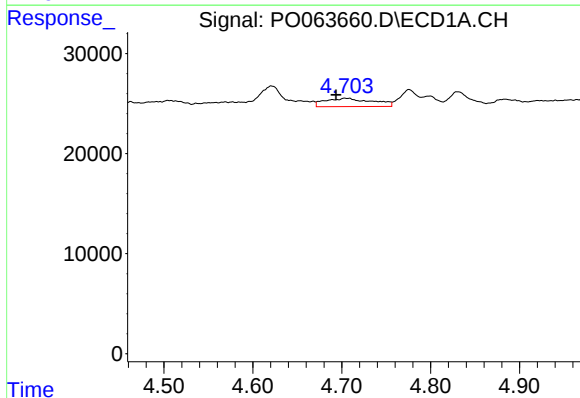
R.T.: 4.621 min
Delta R.T.: 0.004 min
Response: 39068
Conc: 140.64 ng/ml

Instrument :
ECD_O
ClientSampleId :
OK-02-111119



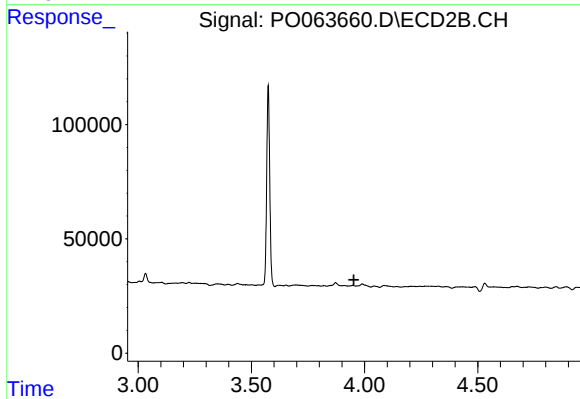
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 3.877 min
Response: 0
Conc: N.D.



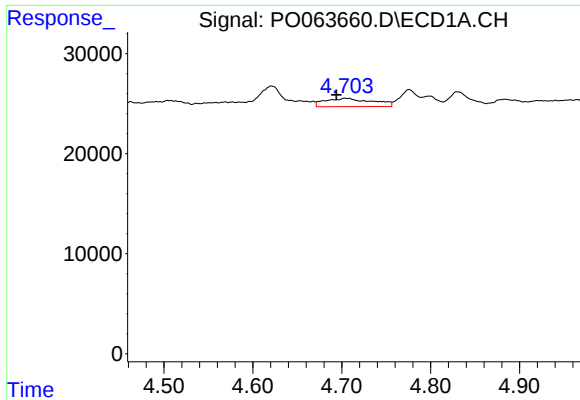
#10 AR-1221-3

R.T.: 4.703 min
Delta R.T.: 0.010 min
Response: 30856
Conc: 35.45 ng/ml



#10 AR-1221-3

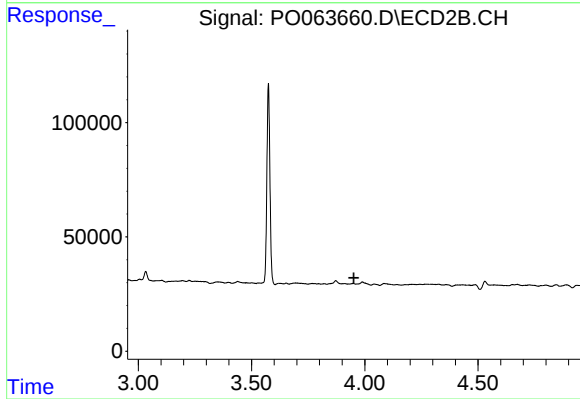
R.T.: 0.000 min
Exp R.T. : 3.953 min
Response: 0
Conc: N.D.



#11 AR-1232-1

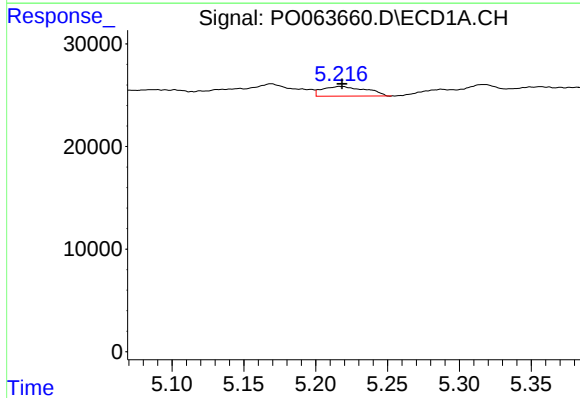
R.T.: 4.703 min
Delta R.T.: 0.009 min
Response: 30856
Conc: 26.20 ng/ml

Instrument :
ECD_O
ClientSampleId :
OK-02-111119



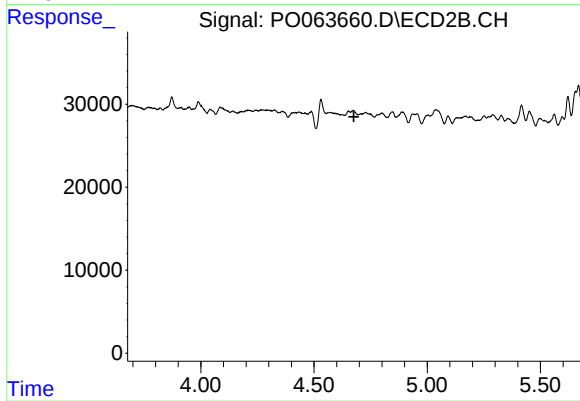
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 3.952 min
Response: 0
Conc: N.D.



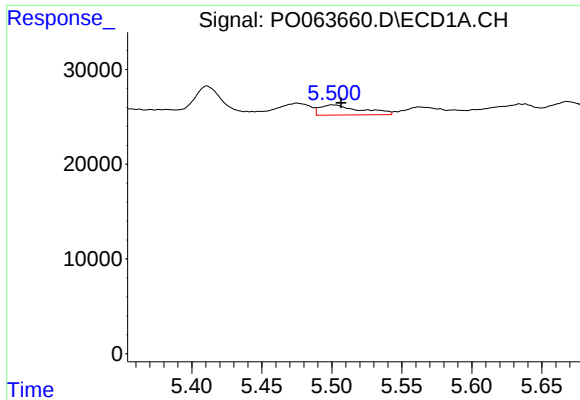
#12 AR-1232-2

R.T.: 5.217 min
Delta R.T.: -0.002 min
Response: 19915
Conc: 30.51 ng/ml



#12 AR-1232-2

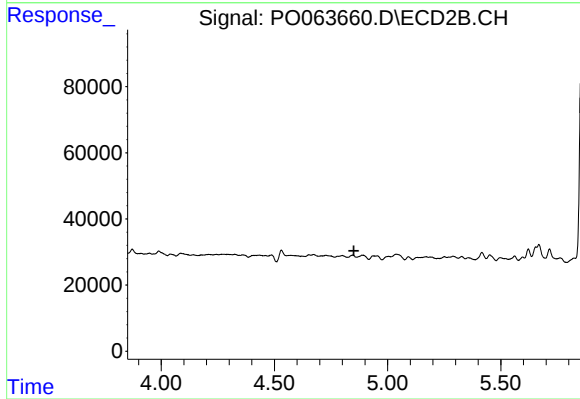
R.T.: 0.000 min
Exp R.T. : 4.676 min
Response: 0
Conc: N.D.



#13 AR-1232-3

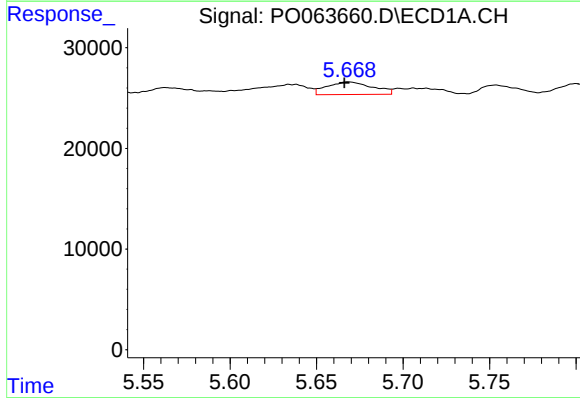
R.T.: 5.501 min
Delta R.T.: -0.006 min
Response: 21832
Conc: 15.44 ng/ml

Instrument :
ECD_O
ClientSampleId :
OK-02-111119



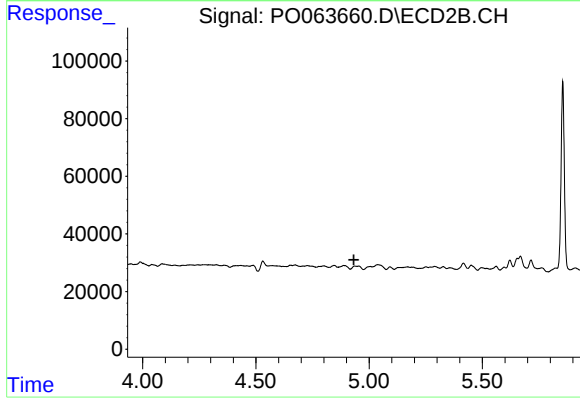
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 4.851 min
Response: 0
Conc: N.D.



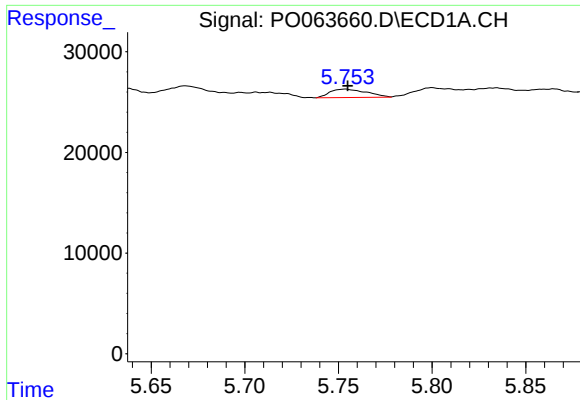
#14 AR-1232-4

R.T.: 5.668 min
Delta R.T.: 0.002 min
Response: 22712
Conc: 31.68 ng/ml



#14 AR-1232-4

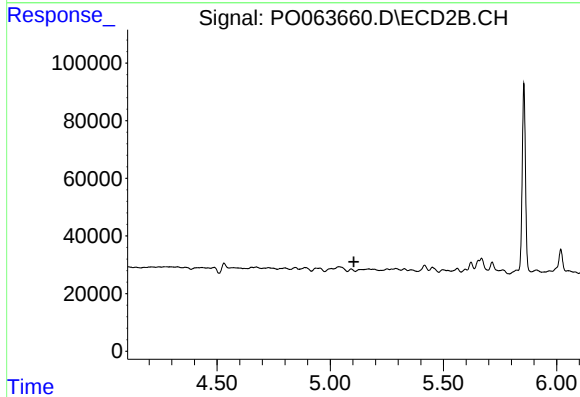
R.T.: 0.000 min
Exp R.T. : 4.933 min
Response: 0
Conc: N.D.



#15 AR-1232-5

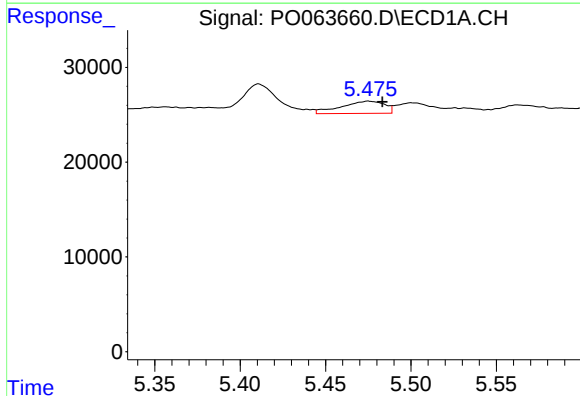
R.T.: 5.753 min
Delta R.T.: -0.002 min
Response: 11375
Conc: 20.36 ng/ml

Instrument :
ECD_O
ClientSampleId :
OK-02-111119



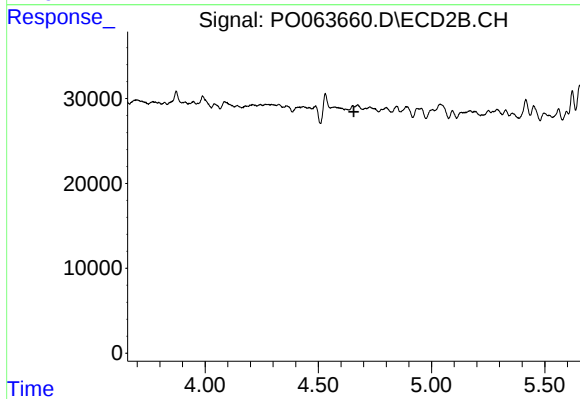
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 5.104 min
Response: 0
Conc: N.D.



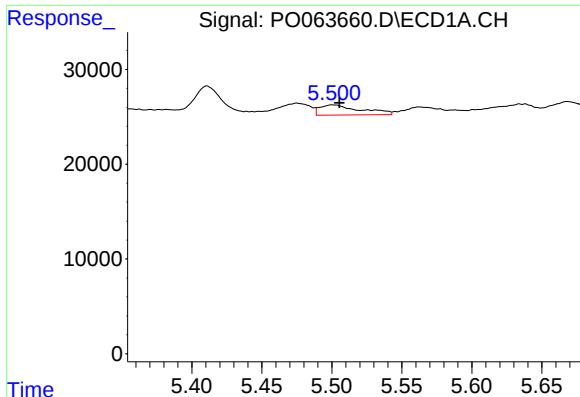
#16 AR-1242-1

R.T.: 5.475 min
Delta R.T.: -0.008 min
Response: 22746
Conc: 23.02 ng/ml



#16 AR-1242-1

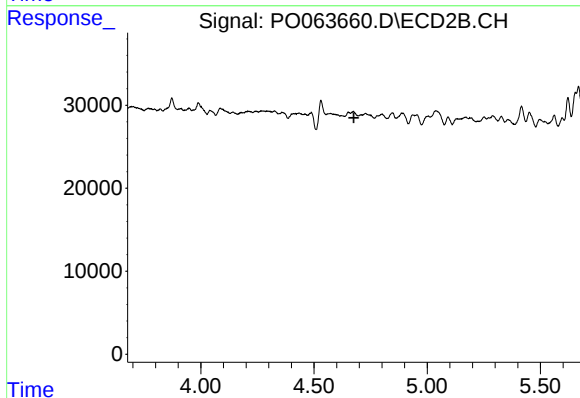
R.T.: 0.000 min
Exp R.T. : 4.657 min
Response: 0
Conc: N.D.



#17 AR-1242-2

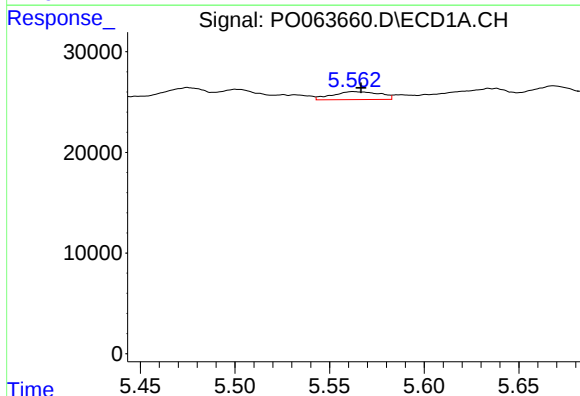
R.T.: 5.501 min
Delta R.T.: -0.005 min
Response: 21832
Conc: 15.17 ng/ml

Instrument :
ECD_O
ClientSampleId :
OK-02-111119



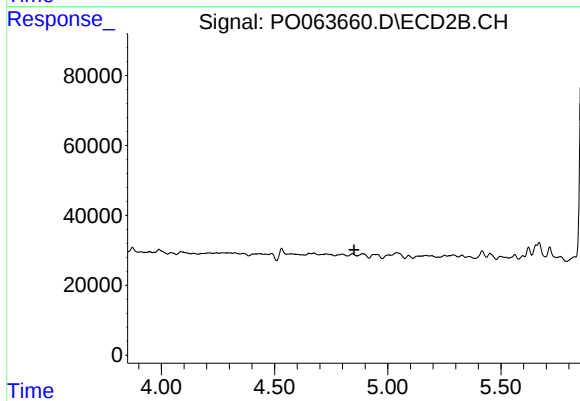
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 4.676 min
Response: 0
Conc: N.D.



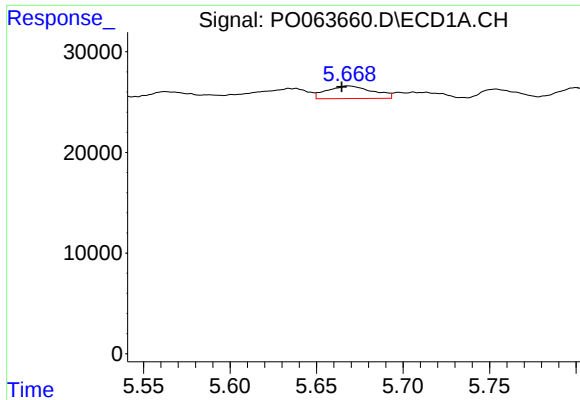
#18 AR-1242-3

R.T.: 5.563 min
Delta R.T.: -0.004 min
Response: 13703
Conc: 15.02 ng/ml



#18 AR-1242-3

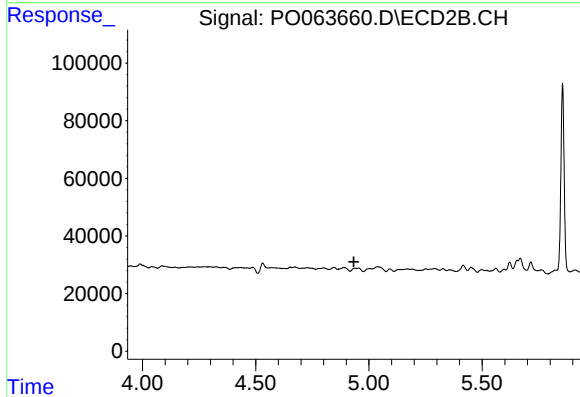
R.T.: 0.000 min
Exp R.T. : 4.851 min
Response: 0
Conc: N.D.



#19 AR-1242-4

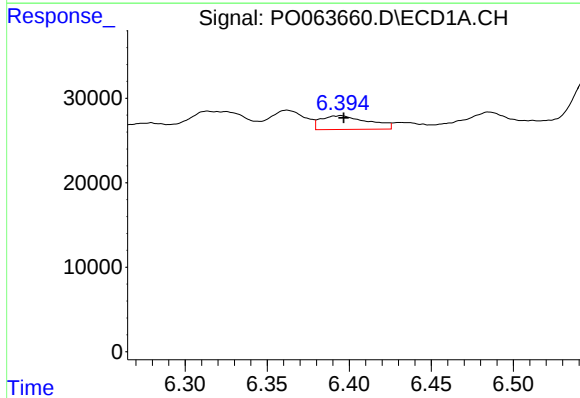
R.T.: 5.668 min
Delta R.T.: 0.004 min
Response: 22712
Conc: 30.64 ng/ml

Instrument :
ECD_O
ClientSampleId :
OK-02-111119



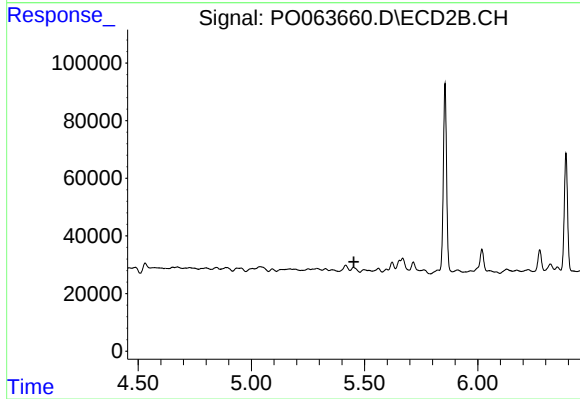
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 4.933 min
Response: 0
Conc: N.D.



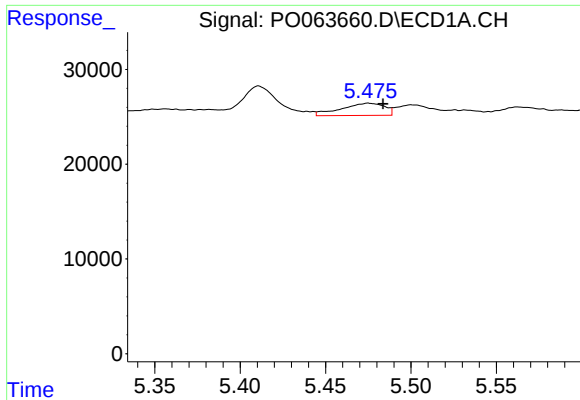
#20 AR-1242-5

R.T.: 6.395 min
Delta R.T.: -0.002 min
Response: 32733
Conc: 33.97 ng/ml



#20 AR-1242-5

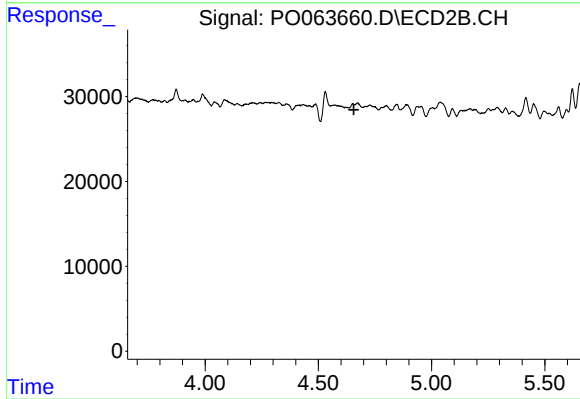
R.T.: 0.000 min
Exp R.T. : 5.453 min
Response: 0
Conc: N.D.



#21 AR-1248-1

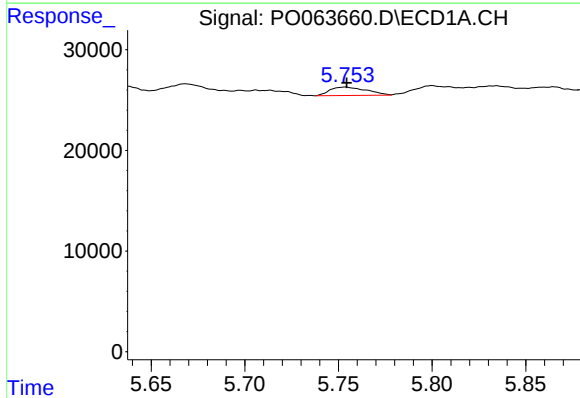
R.T.: 5.475 min
Delta R.T.: -0.009 min
Response: 22746
Conc: 28.13 ng/ml

Instrument :
ECD_O
ClientSampleId :
OK-02-111119



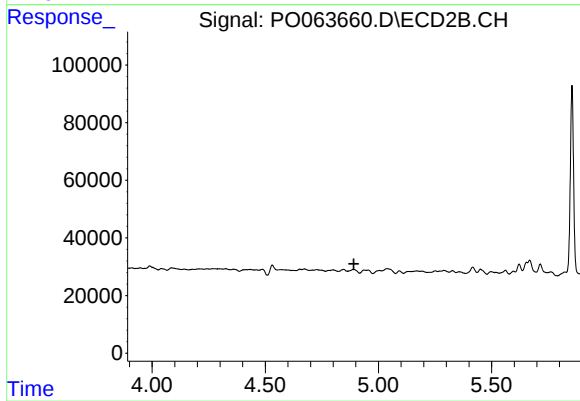
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 4.657 min
Response: 0
Conc: N.D.



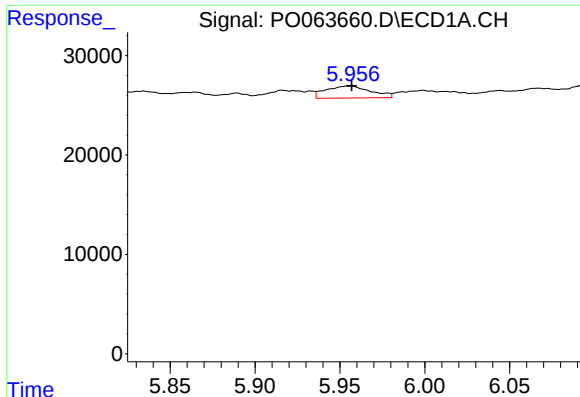
#22 AR-1248-2

R.T.: 5.753 min
Delta R.T.: 0.000 min
Response: 11375
Conc: 9.38 ng/ml



#22 AR-1248-2

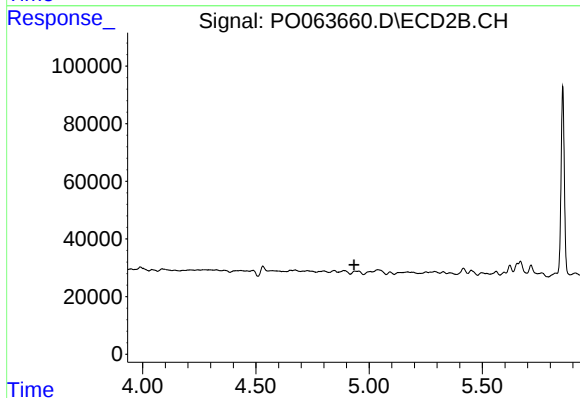
R.T.: 0.000 min
Exp R.T. : 4.892 min
Response: 0
Conc: N.D.



#23 AR-1248-3

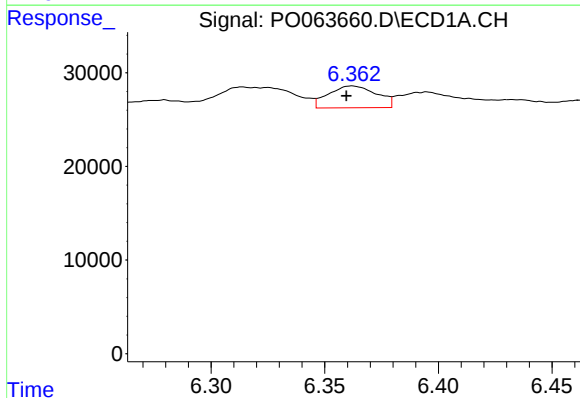
R.T.: 5.956 min
Delta R.T.: -0.001 min
Response: 22443
Conc: 16.10 ng/ml

Instrument :
ECD_O
ClientSampleId :
OK-02-111119



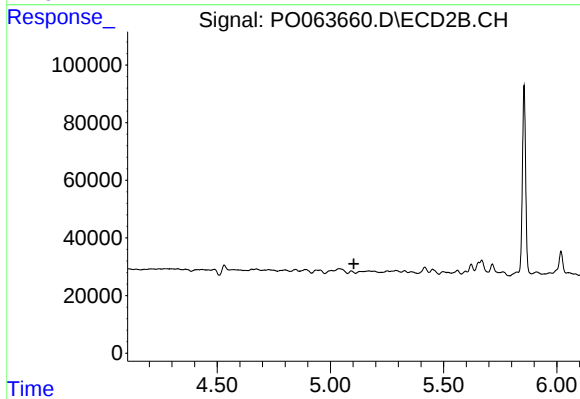
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 4.933 min
Response: 0
Conc: N.D.



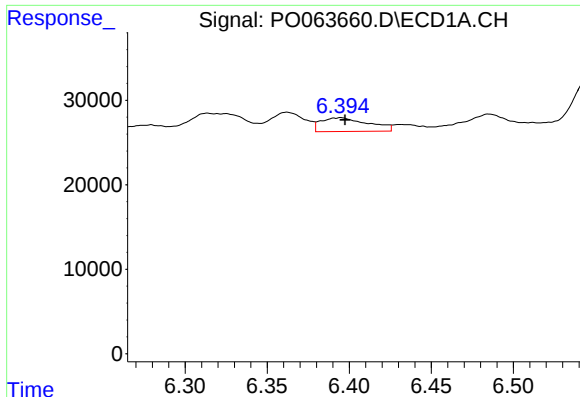
#24 AR-1248-4

R.T.: 6.362 min
Delta R.T.: 0.002 min
Response: 34275
Conc: 20.11 ng/ml



#24 AR-1248-4

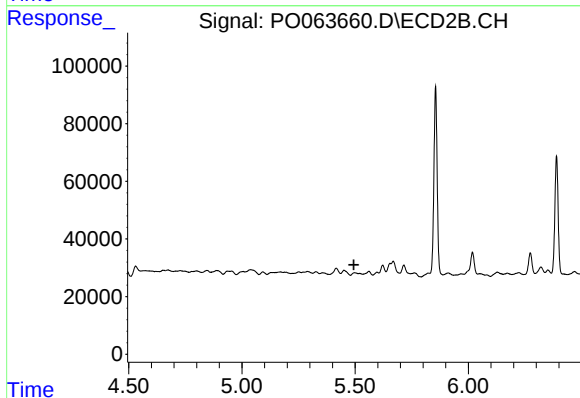
R.T.: 0.000 min
Exp R.T. : 5.104 min
Response: 0
Conc: N.D.



#25 AR-1248-5

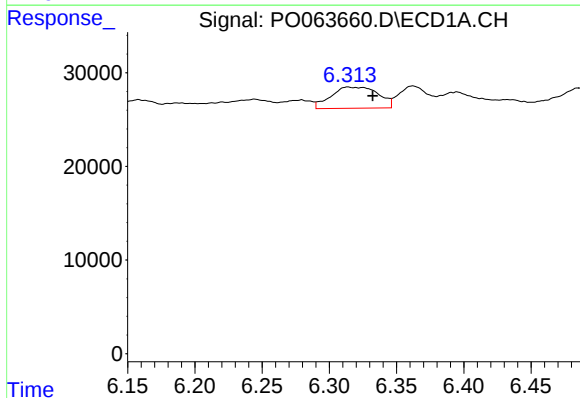
R.T.: 6.395 min
Delta R.T.: -0.003 min
Response: 32733
Conc: 19.90 ng/ml

Instrument :
ECD_O
ClientSampleId :
OK-02-111119



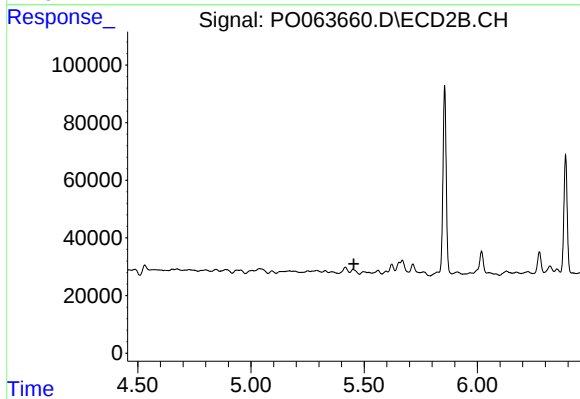
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T. : 5.494 min
Response: 0
Conc: N.D.



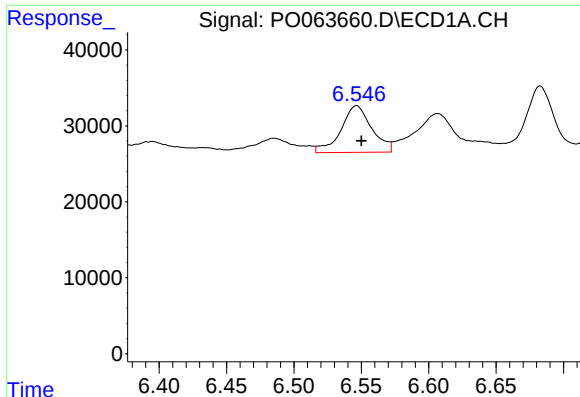
#26 AR-1254-1

R.T.: 6.314 min
Delta R.T.: -0.018 min
Response: 55243
Conc: 32.51 ng/ml



#26 AR-1254-1

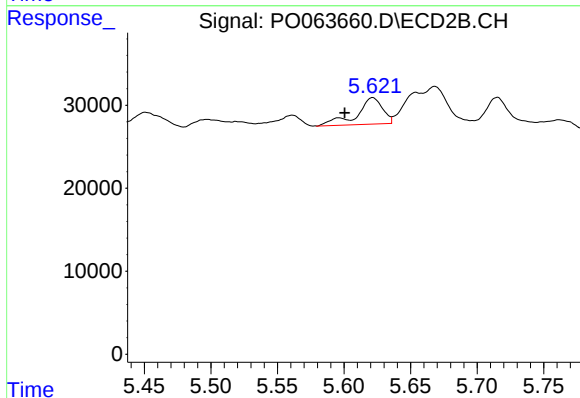
R.T.: 0.000 min
Exp R.T. : 5.454 min
Response: 0
Conc: N.D.



#27 AR-1254-2

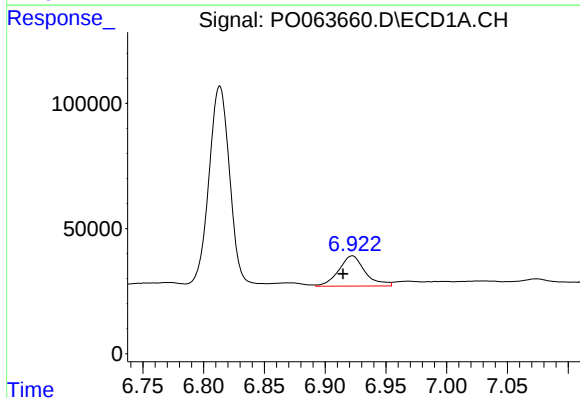
R.T.: 6.547 min
Delta R.T.: -0.004 min
Response: 98149
Conc: 35.51 ng/ml

Instrument :
ECD_O
ClientSampleId :
OK-02-111119



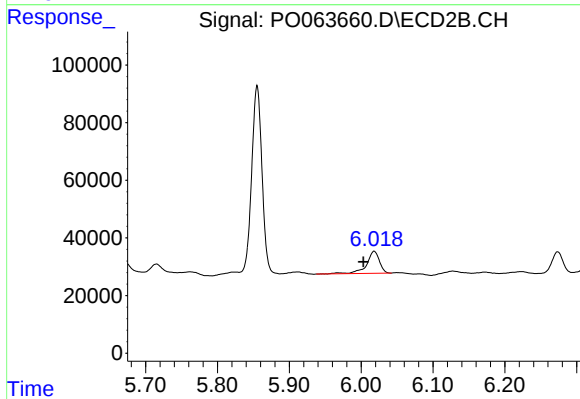
#27 AR-1254-2

R.T.: 5.622 min
Delta R.T.: 0.021 min
Response: 43021
Conc: 34.09 ng/ml



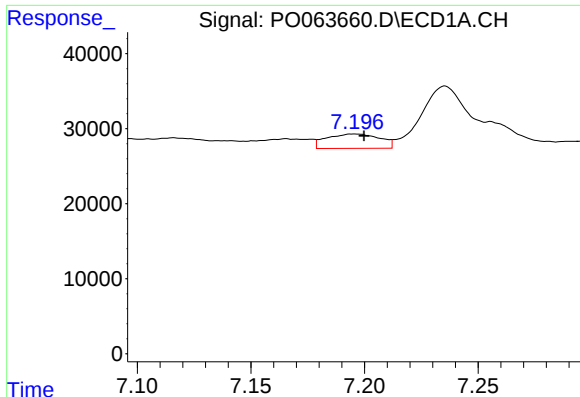
#28 AR-1254-3

R.T.: 6.922 min
Delta R.T.: 0.008 min
Response: 183390
Conc: 57.67 ng/ml



#28 AR-1254-3

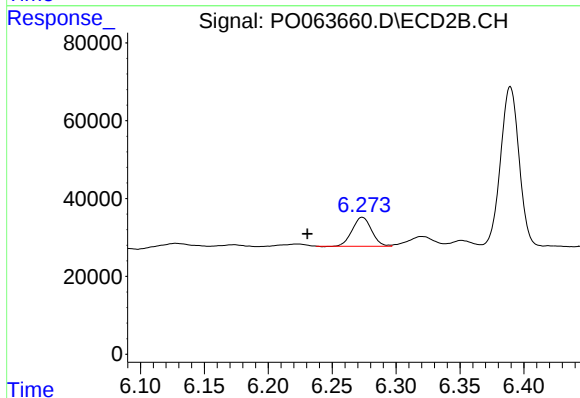
R.T.: 6.018 min
Delta R.T.: 0.015 min
Response: 95098
Conc: 44.10 ng/ml



#29 AR-1254-4

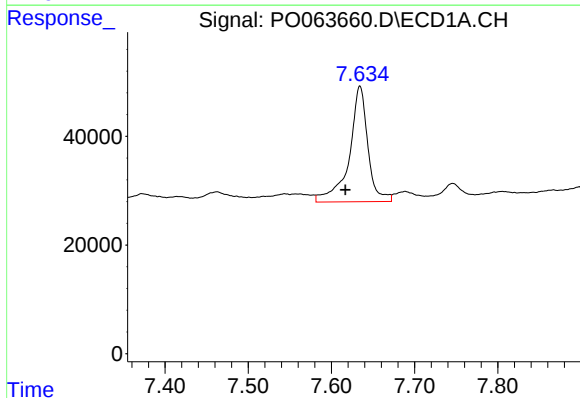
R.T.: 7.196 min
Delta R.T.: -0.004 min
Response: 31078
Conc: 12.64 ng/ml

Instrument :
ECD_O
ClientSampleId :
OK-02-111119



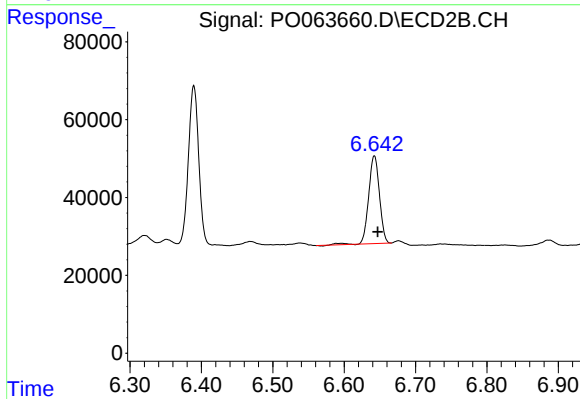
#29 AR-1254-4

R.T.: 6.274 min
Delta R.T.: 0.043 min
Response: 78851
Conc: 57.08 ng/ml



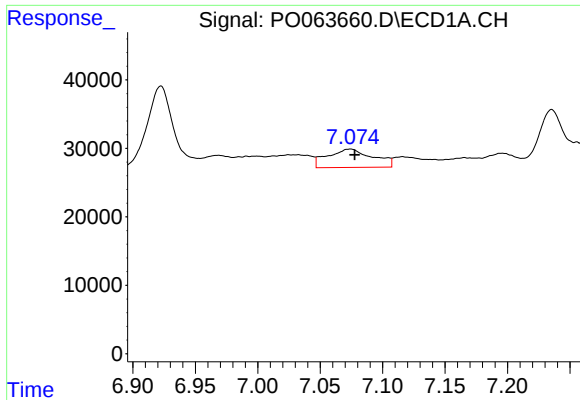
#30 AR-1254-5

R.T.: 7.634 min
Delta R.T.: 0.017 min
Response: 331299
Conc: 118.72 ng/ml



#30 AR-1254-5

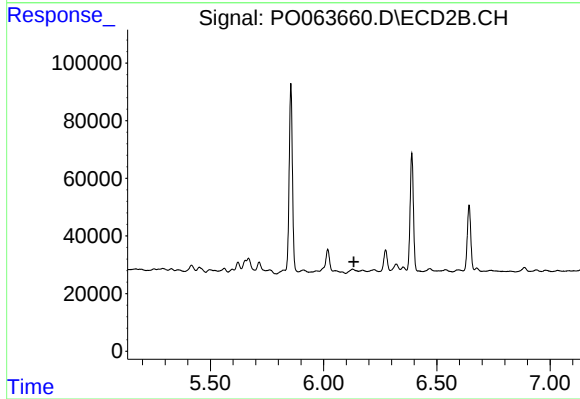
R.T.: 6.642 min
Delta R.T.: -0.005 min
Response: 237566
Conc: 122.23 ng/ml



#31 AR-1260-1

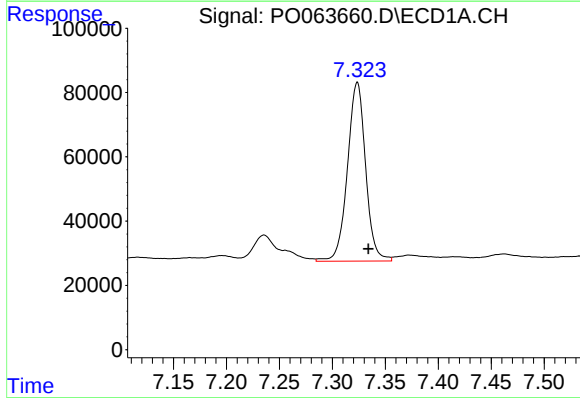
R.T.: 7.074 min
Delta R.T.: -0.004 min
Response: 67589
Conc: 28.12 ng/ml

Instrument :
ECD_O
ClientSampleId :
OK-02-111119



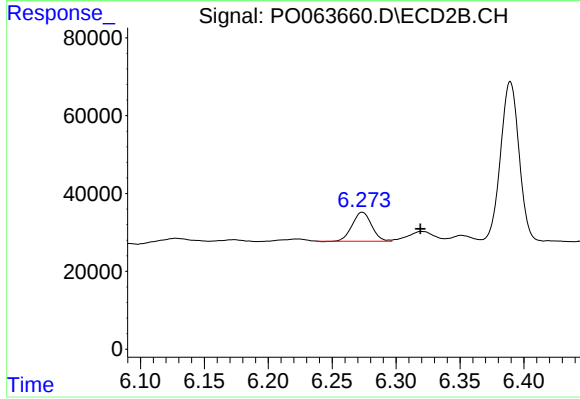
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T. : 6.133 min
Response: 0
Conc: N.D.



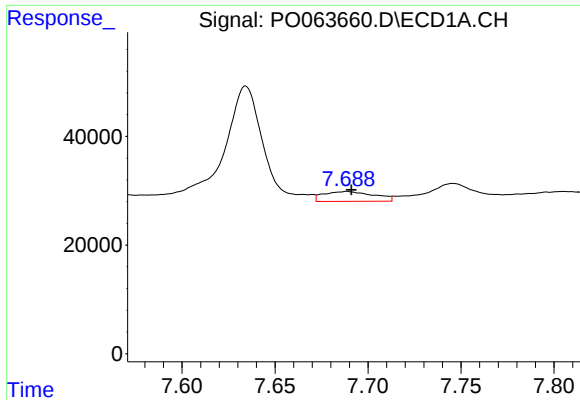
#32 AR-1260-2

R.T.: 7.324 min
Delta R.T.: -0.010 min
Response: 665559
Conc: 220.35 ng/ml



#32 AR-1260-2

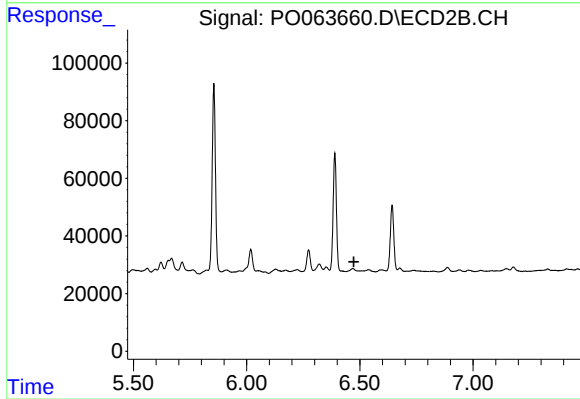
R.T.: 6.274 min
Delta R.T.: -0.045 min
Response: 78851
Conc: 44.58 ng/ml



#33 AR-1260-3

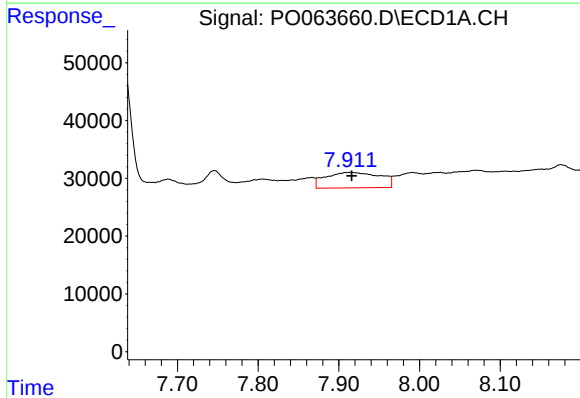
R.T.: 7.689 min
Delta R.T.: -0.002 min
Response: 34053
Conc: 14.72 ng/ml

Instrument :
ECD_O
ClientSampleId :
OK-02-111119



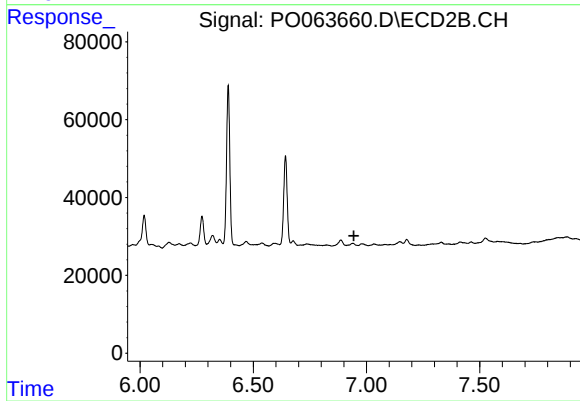
#33 AR-1260-3

R.T.: 0.000 min
Exp R.T. : 6.473 min
Response: 0
Conc: N.D.



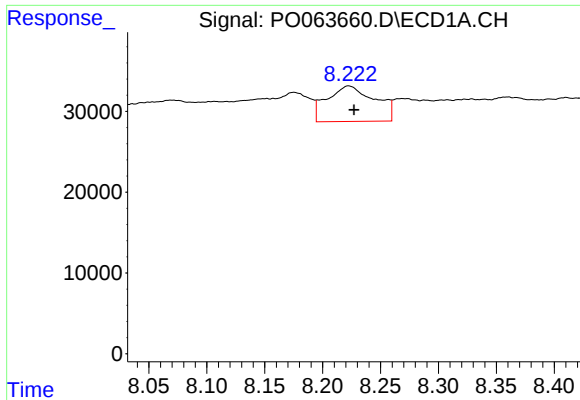
#34 AR-1260-4

R.T.: 7.915 min
Delta R.T.: 0.000 min
Response: 126248
Conc: 45.49 ng/ml



#34 AR-1260-4

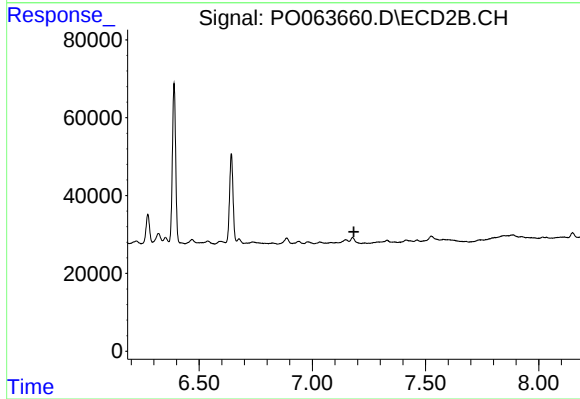
R.T.: 0.000 min
Exp R.T. : 6.944 min
Response: 0
Conc: N.D.



#35 AR-1260-5

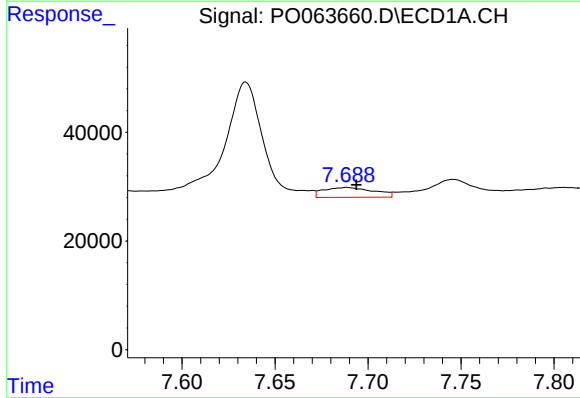
R.T.: 8.223 min
Delta R.T.: -0.005 min
Response: 126354
Conc: 22.77 ng/ml

Instrument :
ECD_O
ClientSampleId :
OK-02-111119



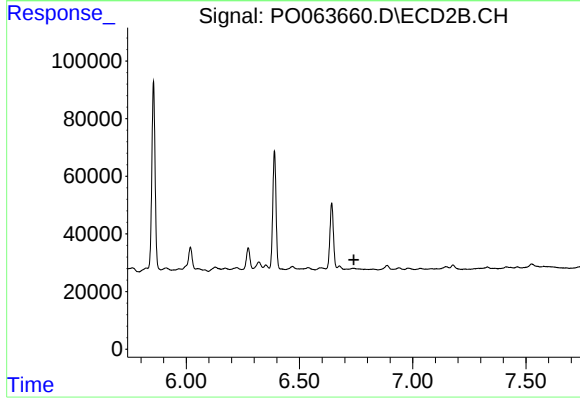
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T. : 7.184 min
Response: 0
Conc: N.D.



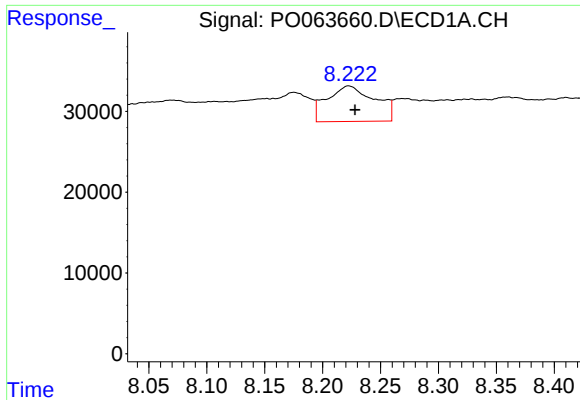
#36 AR-1262-1

R.T.: 7.689 min
Delta R.T.: -0.005 min
Response: 34053
Conc: 10.66 ng/ml



#36 AR-1262-1

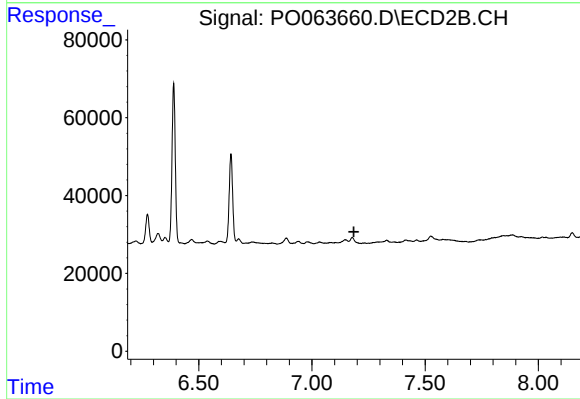
R.T.: 0.000 min
Exp R.T. : 6.740 min
Response: 0
Conc: N.D.



#37 AR-1262-2

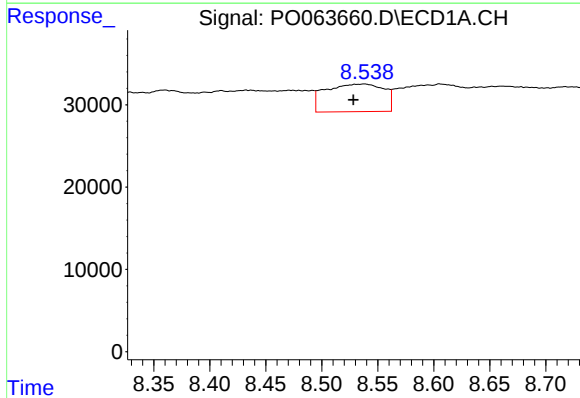
R.T.: 8.223 min
Delta R.T.: -0.005 min
Response: 126354
Conc: 21.09 ng/ml

Instrument :
ECD_O
ClientSampleId :
OK-02-111119



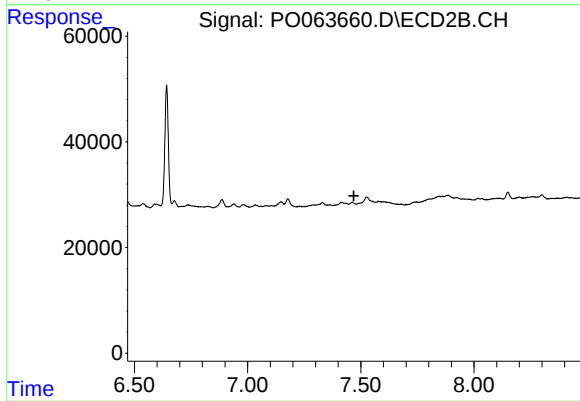
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T. : 7.186 min
Response: 0
Conc: N.D.



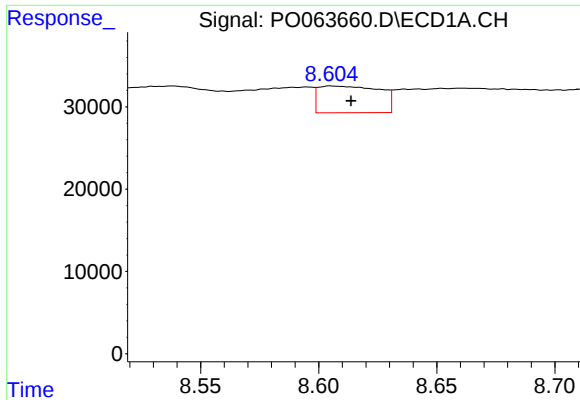
#38 AR-1262-3

R.T.: 8.538 min
Delta R.T.: 0.010 min
Response: 121350
Conc: 30.08 ng/ml



#38 AR-1262-3

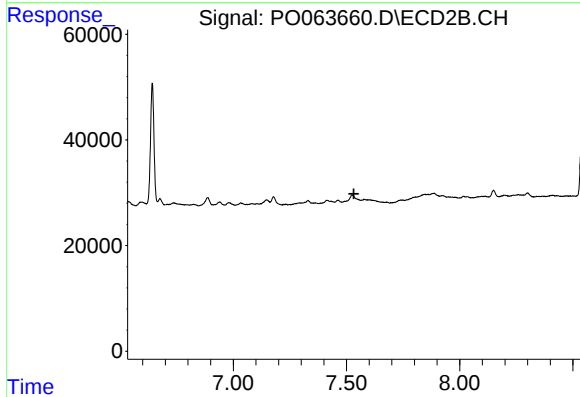
R.T.: 0.000 min
Exp R.T. : 7.469 min
Response: 0
Conc: N.D.



#39 AR-1262-4

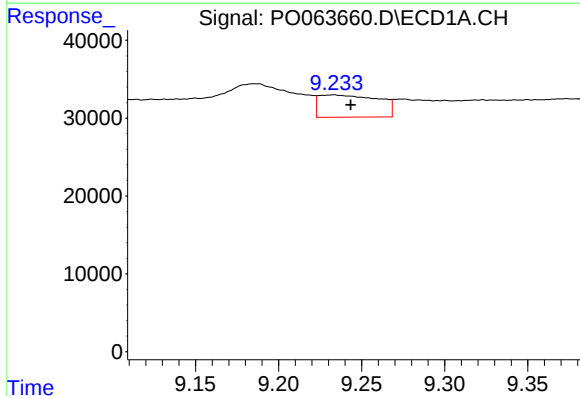
R.T.: 8.605 min
Delta R.T.: -0.008 min
Response: 58582
Conc: 19.35 ng/ml

Instrument :
ECD_O
ClientSampleId :
OK-02-111119



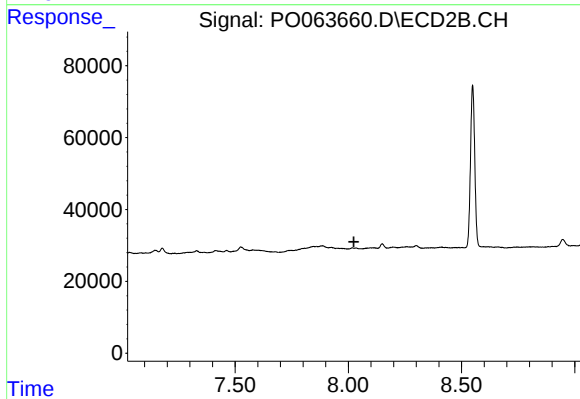
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 7.533 min
Response: 0
Conc: N.D.



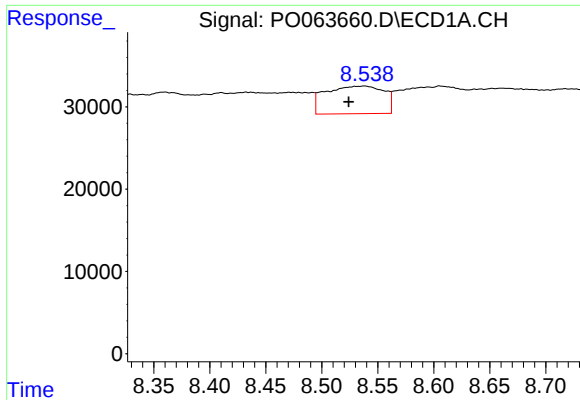
#40 AR-1262-5

R.T.: 9.233 min
Delta R.T.: -0.011 min
Response: 71151
Conc: 35.18 ng/ml



#40 AR-1262-5

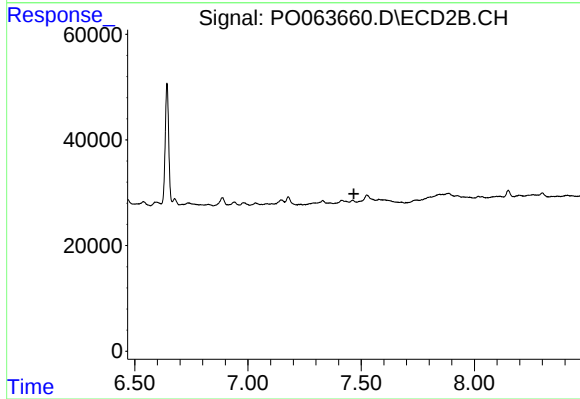
R.T.: 0.000 min
Exp R.T. : 8.025 min
Response: 0
Conc: N.D.



#41 AR-1268-1

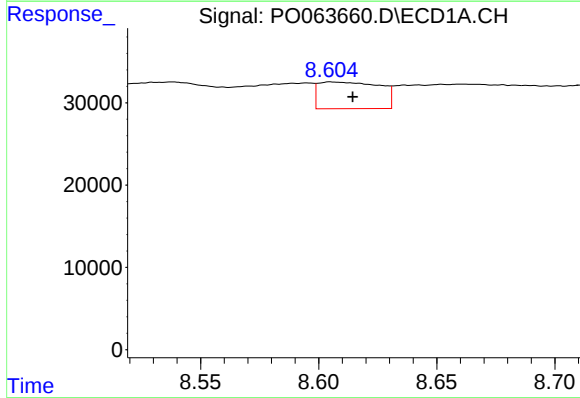
R.T.: 8.538 min
Delta R.T.: 0.014 min
Response: 121350
Conc: 17.48 ng/ml

Instrument :
ECD_O
ClientSampleId :
OK-02-111119



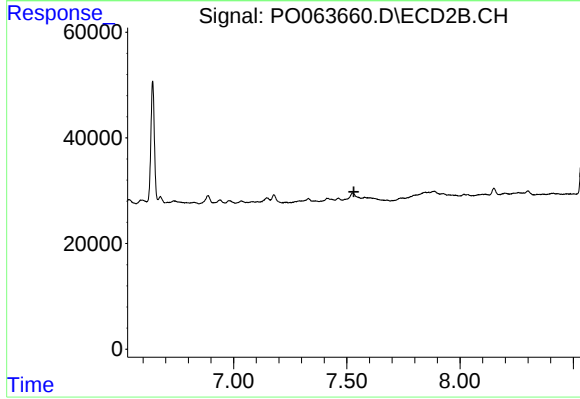
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 7.468 min
Response: 0
Conc: N.D.



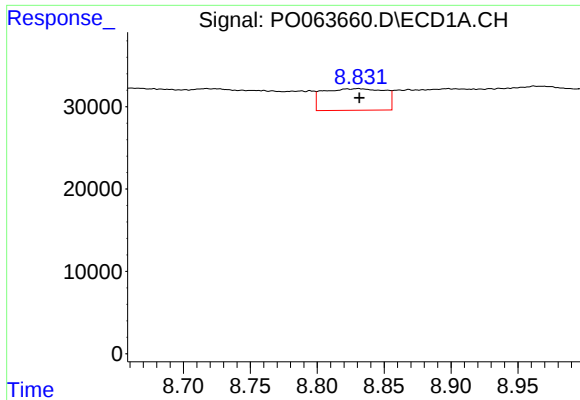
#42 AR-1268-2

R.T.: 8.605 min
Delta R.T.: -0.009 min
Response: 58582
Conc: 9.23 ng/ml



#42 AR-1268-2

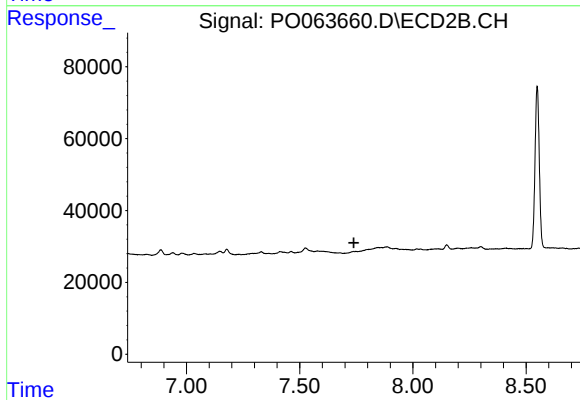
R.T.: 0.000 min
Exp R.T. : 7.531 min
Response: 0
Conc: N.D.



#43 AR-1268-3

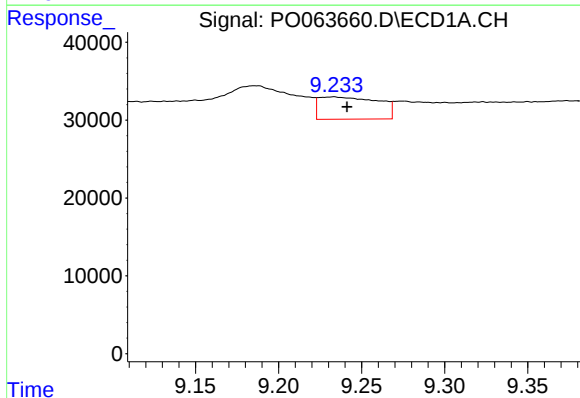
R.T.: 8.830 min
Delta R.T.: -0.001 min
Response: 83766
Conc: 15.99 ng/ml

Instrument :
ECD_O
ClientSampleId :
OK-02-111119



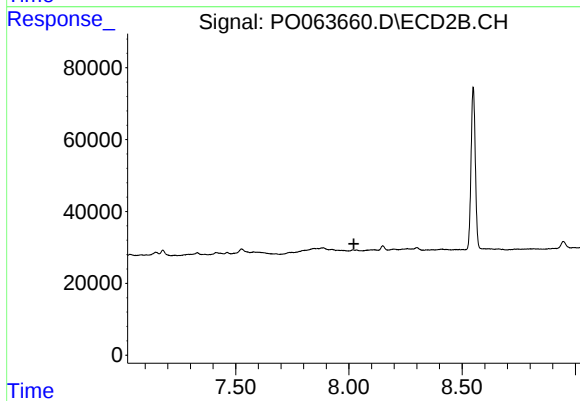
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 7.740 min
Response: 0
Conc: N.D.



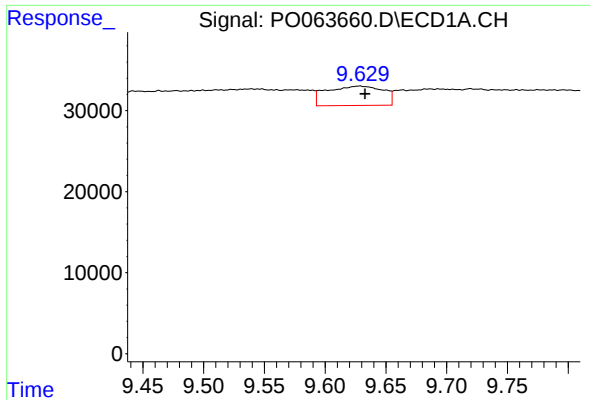
#44 AR-1268-4

R.T.: 9.233 min
Delta R.T.: -0.008 min
Response: 71151
Conc: 31.81 ng/ml



#44 AR-1268-4

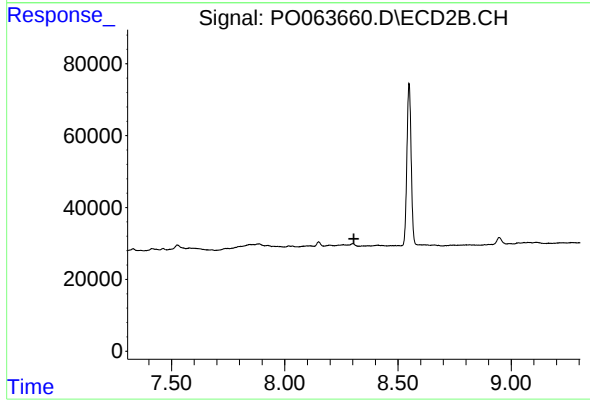
R.T.: 0.000 min
Exp R.T. : 8.022 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.628 min
Delta R.T.: -0.005 min
Response: 77497
Conc: 4.71 ng/ml

Instrument :
ECD_O
ClientSampleId :
OK-02-111119



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 8.305 min
Response: 0
Conc: N.D.