

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0082120\
 Data File : P0070748.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 21 Aug 2020 9:52
 Operator : DD\AJ
 Sample : AR1221CCC500
 Misc : FOR RT STUDY
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 21 14:32:49 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0082020.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Aug 21 04:17:00 2020
 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...	4.356	3.541	3175246	1792903	45.581	44.537
2)	SA Decachlor...	9.981	8.731	3792414	2356436	40.508	41.846
Target Compounds							
3)	L1 AR-1016-1	5.662	4.769	77869	60426	28.302	35.035
4)	L1 AR-1016-2	5.684	4.787	139947	94903	34.555	39.365
5)	L1 AR-1016-3	5.748	4.971	93266	44629	39.330	35.955
6)	L1 AR-1016-4	5.853	5.030	54621	23918	27.578	24.575
7)	L1 AR-1016-5	0.000	5.249	0	21802	N.D.	16.977 #
8)	L2 AR-1221-1	4.612	3.793	306947	246931	456.508	518.110
9)	L2 AR-1221-2	4.708	3.889	299310	189560	552.684	499.074
10)	L2 AR-1221-3	4.794	3.974	1015498	575957	569.999	500.690
11)	L3 AR-1232-1	4.794	3.974	1015498	575957	694.295	654.114
12)	L3 AR-1232-2	5.369	4.787	110454	94903	133.731	95.907 #
13)	L3 AR-1232-3	5.684	4.971	139947	44629	87.241	83.363
14)	L3 AR-1232-4	5.853	5.072	54621	21484	69.195	50.507 #
15)	L3 AR-1232-5	5.952	5.249	18565	21802	36.123	44.152
16)	L4 AR-1242-1	5.662	4.769	77869	60426	36.417	44.860
17)	L4 AR-1242-2	5.684	4.787	139947	94903	44.593	49.965
18)	L4 AR-1242-3	5.748	4.971	93266	44629	49.305	44.332
19)	L4 AR-1242-4	5.853	5.072	54621	21484	33.792	23.973 #
20)	L4 AR-1242-5	0.000	5.625	0	23394	N.D.	17.290 #
21)	L5 AR-1248-1	5.662	4.769	77869	60426	46.801	57.756
22)	L5 AR-1248-2	5.952	5.030	18565	23918	8.842	17.687 #
23)	L5 AR-1248-3	0.000	5.072	0	21484	N.D.	16.912 #
24)	L5 AR-1248-4	6.571f	5.249	205453	21802	58.553	13.268 #
25)	L5 AR-1248-5	0.000	5.667	0	27483	N.D.	15.762 #
26)	L6 AR-1254-1	6.571	5.625	205453	23394	61.467	8.441 #
27)	L6 AR-1254-2	6.786	5.787	19003	4208	3.610	1.698 #
28)	L6 AR-1254-3	7.191f	0.000	68296	0	12.562	N.D. #
29)	L6 AR-1254-4	0.000	6.438	0	5954	N.D.	1.985 #
30)	L6 AR-1254-5	0.000	6.855	0	215	N.D.	0.054 #
32)	L7 AR-1260-2	0.000	6.534	0	5965	N.D.	1.625 #
34)	L7 AR-1260-4	8.174	7.154	5653	420	1.110	0.151 #
35)	L7 AR-1260-5	8.488	7.407	3878	8087	0.325	1.033 #
36)	L8 AR-1262-1	0.000	6.855	0	215	N.D.	0.103 #
37)	L8 AR-1262-2	8.488	7.407	3878	8087	0.299	0.944 #
38)	L8 AR-1262-3	0.000	7.692	0	10944	N.D.	3.086 #
39)	L8 AR-1262-4	8.828	7.746	16436	723	5.063	0.119 #
40)	L8 AR-1262-5	0.000	8.229f	0	7078	N.D.	2.359 #
41)	L9 AR-1268-1	0.000	7.692	0	10944	N.D.	1.024 #
42)	L9 AR-1268-2	8.828	7.746	16436	723	1.231	0.080 #
43)	L9 AR-1268-3	0.000	7.957	0	23285	N.D.	3.013 #

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 Operator : DD\AJ
 Sample : AR1221CCC500
 Misc : FOR RT STUDY
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 21 14:32:49 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0082020.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Aug 21 04:17:00 2020
 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
44) L9	AR-1268-4	0.000	8.229f	0	7078	N.D.	2.062 #
45) L9	AR-1268-5	9.718	8.517	20952	30482	0.620	1.346 #

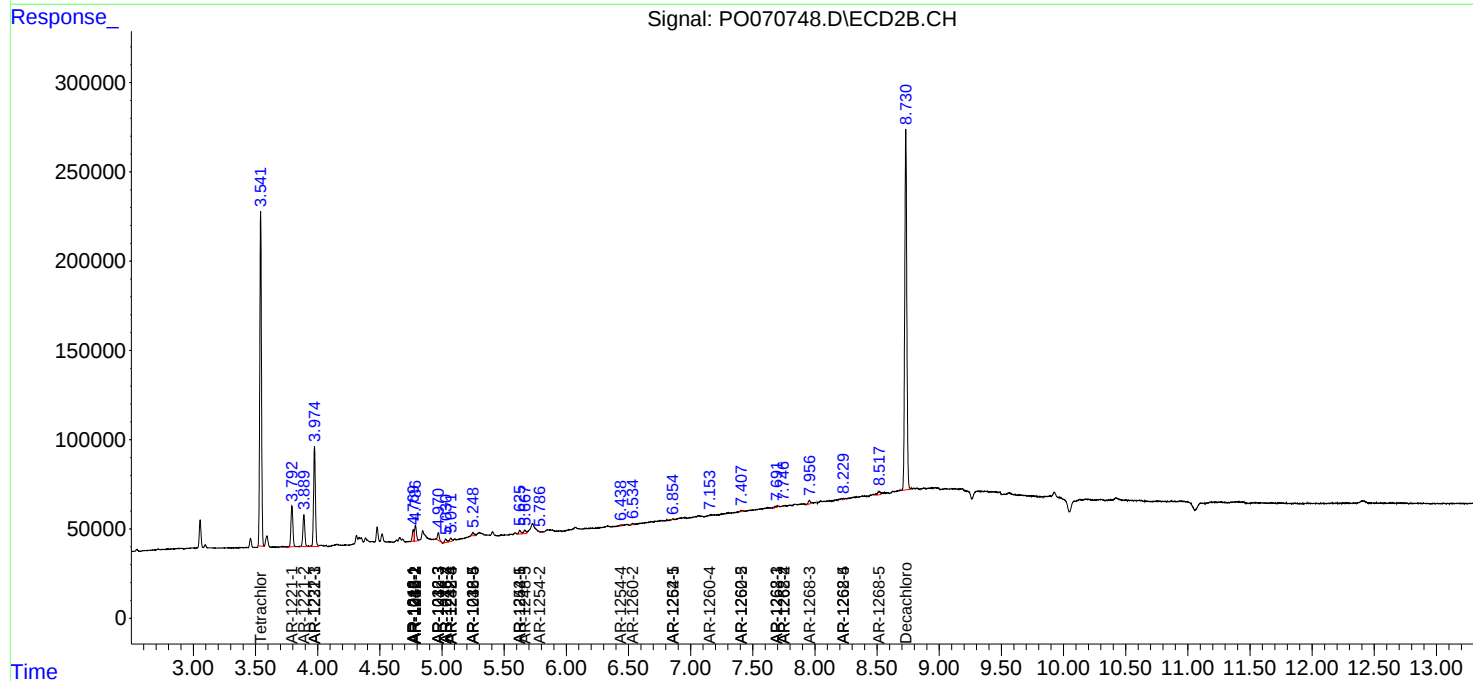
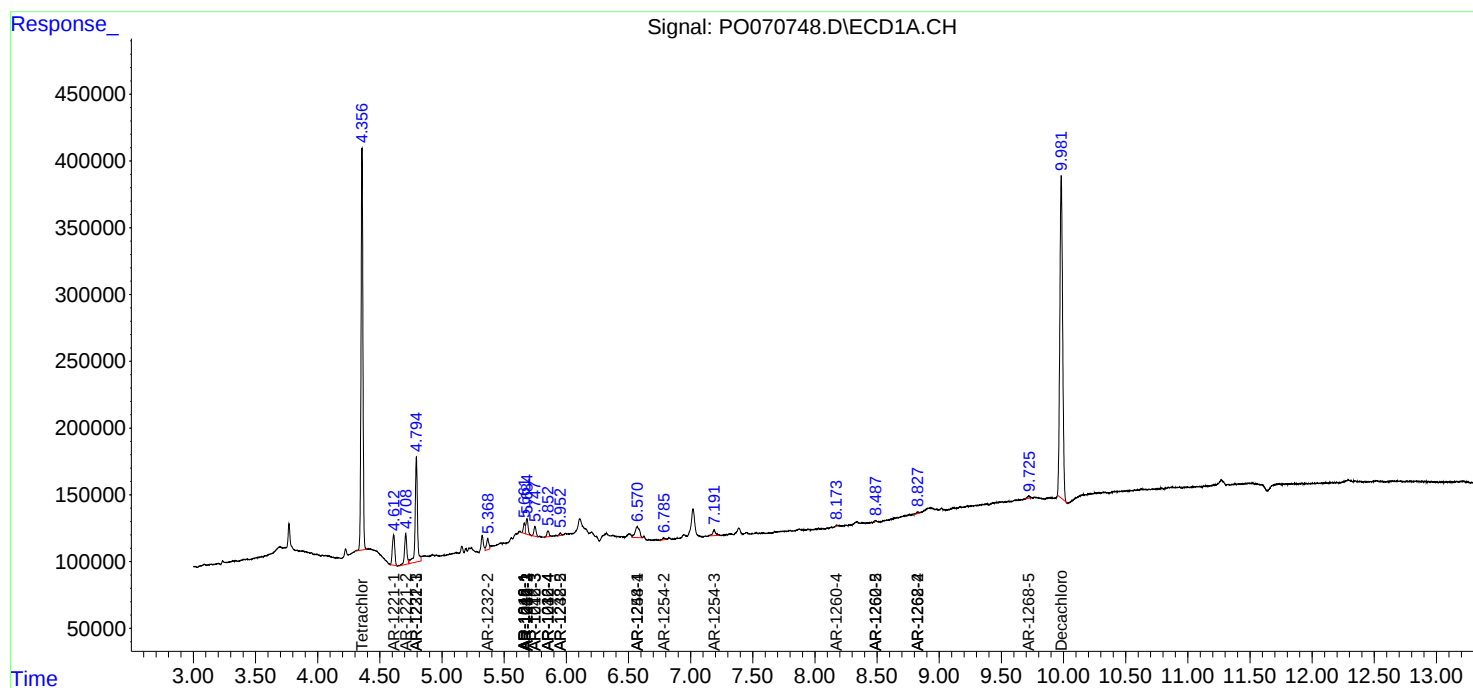
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

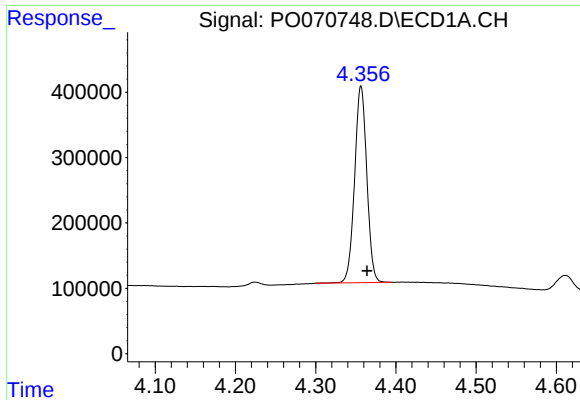
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO082120\
Data File : PO070748.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 21 Aug 2020 9:52
Operator : DD\AJ
Sample : AR1221CCC500
Misc : FOR RT STUDY
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 21 14:32:49 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO082020.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 21 04:17:00 2020
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

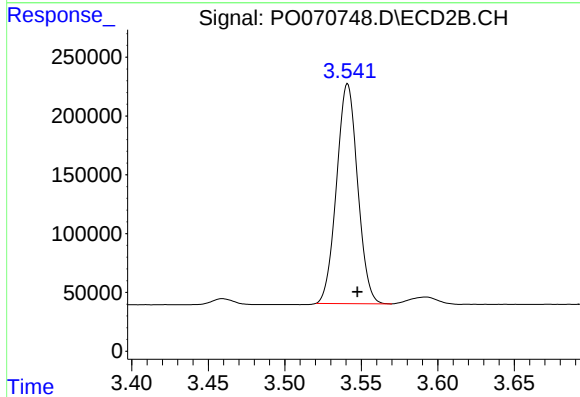




#1 Tetrachloro-m-xylene

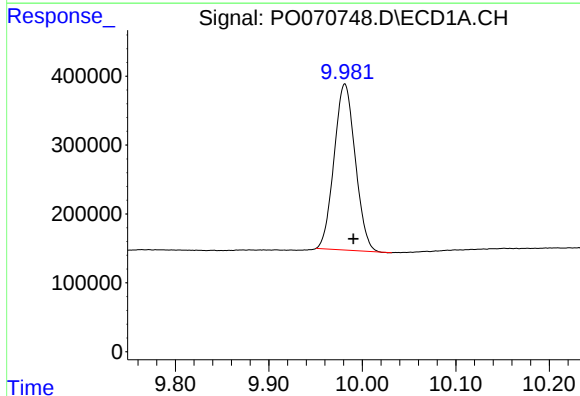
R.T.: 4.356 min
Delta R.T.: -0.008 min
Response: 3175246
Conc: 45.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



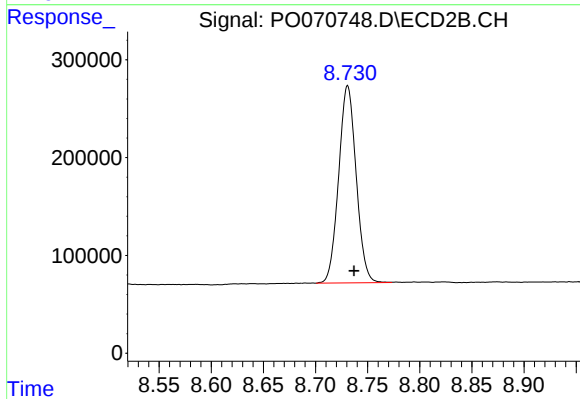
#1 Tetrachloro-m-xylene

R.T.: 3.541 min
Delta R.T.: -0.007 min
Response: 1792903
Conc: 44.54 ng/ml



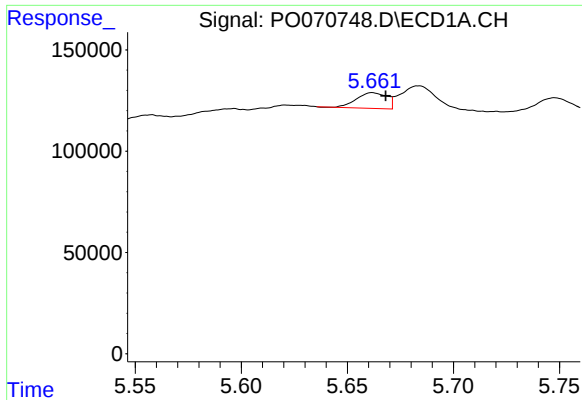
#2 Decachlorobiphenyl

R.T.: 9.981 min
Delta R.T.: -0.009 min
Response: 3792414
Conc: 40.51 ng/ml



#2 Decachlorobiphenyl

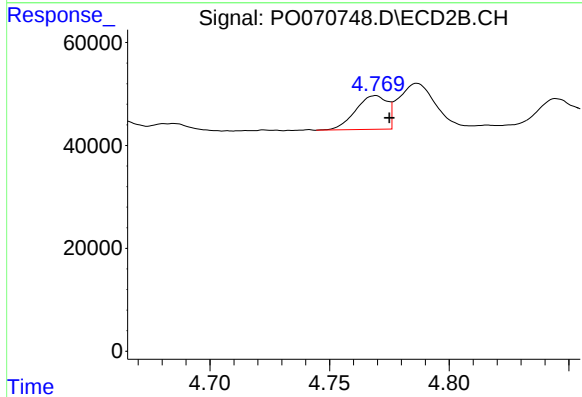
R.T.: 8.731 min
Delta R.T.: -0.006 min
Response: 2356436
Conc: 41.85 ng/ml



#3 AR-1016-1

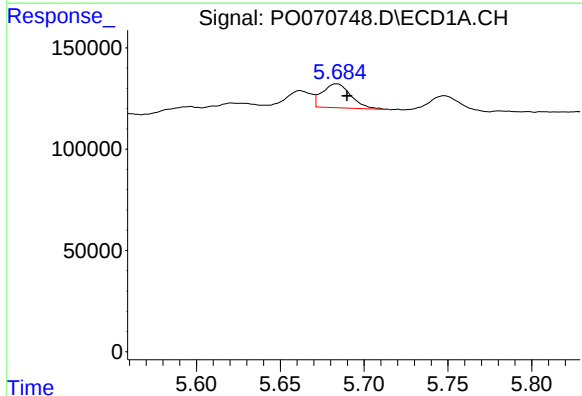
R.T.: 5.662 min
Delta R.T.: -0.006 min
Response: 77869
Conc: 28.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



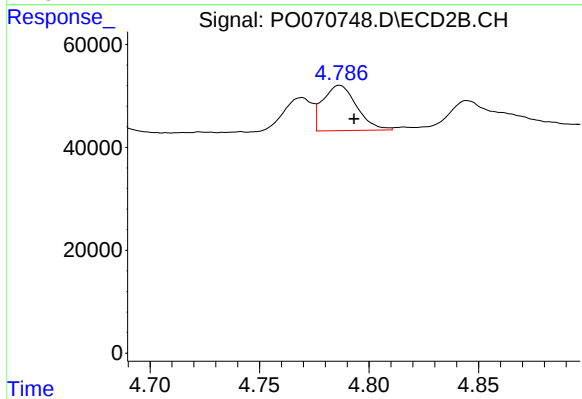
#3 AR-1016-1

R.T.: 4.769 min
Delta R.T.: -0.006 min
Response: 60426
Conc: 35.04 ng/ml



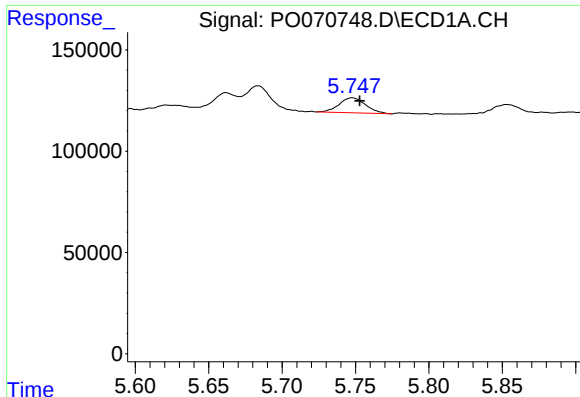
#4 AR-1016-2

R.T.: 5.684 min
Delta R.T.: -0.006 min
Response: 139947
Conc: 34.56 ng/ml



#4 AR-1016-2

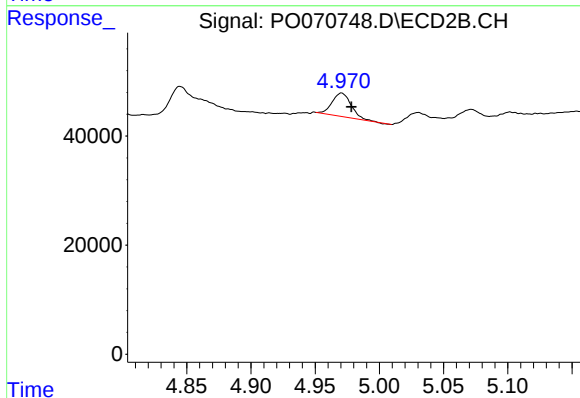
R.T.: 4.787 min
Delta R.T.: -0.007 min
Response: 94903
Conc: 39.36 ng/ml



#5 AR-1016-3

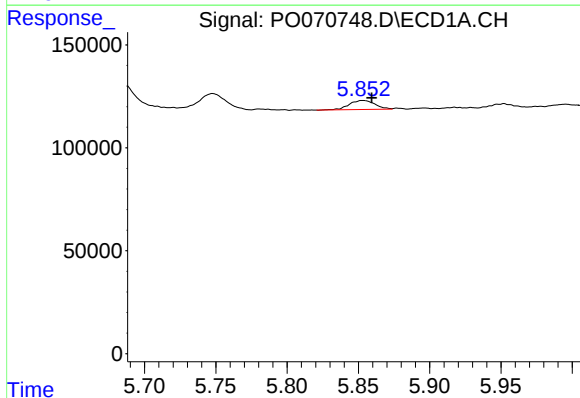
R.T.: 5.748 min
Delta R.T.: -0.005 min
Response: 93266
Conc: 39.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



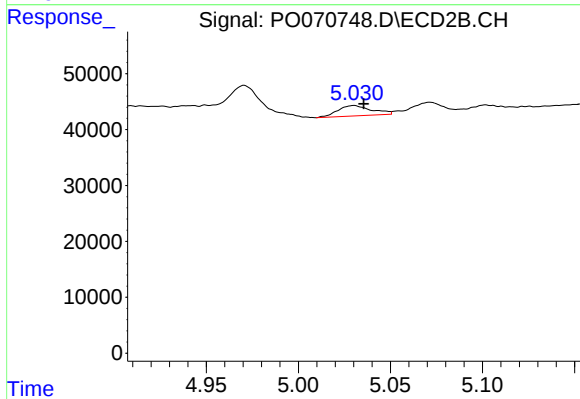
#5 AR-1016-3

R.T.: 4.971 min
Delta R.T.: -0.008 min
Response: 44629
Conc: 35.95 ng/ml



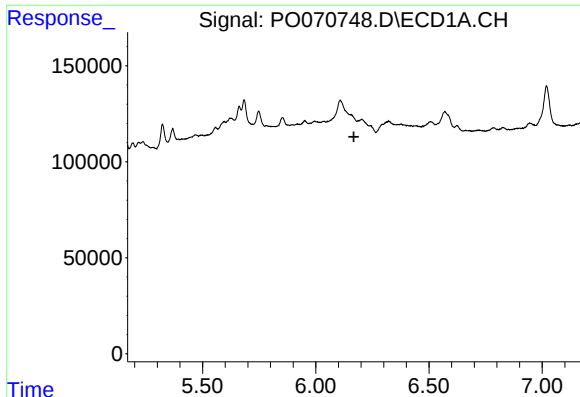
#6 AR-1016-4

R.T.: 5.853 min
Delta R.T.: -0.006 min
Response: 54621
Conc: 27.58 ng/ml



#6 AR-1016-4

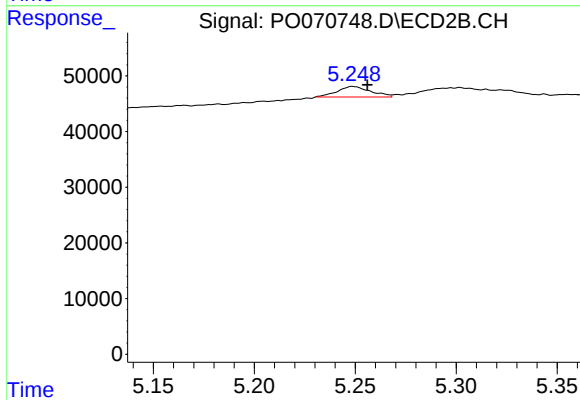
R.T.: 5.030 min
Delta R.T.: -0.005 min
Response: 23918
Conc: 24.58 ng/ml



#7 AR-1016-5

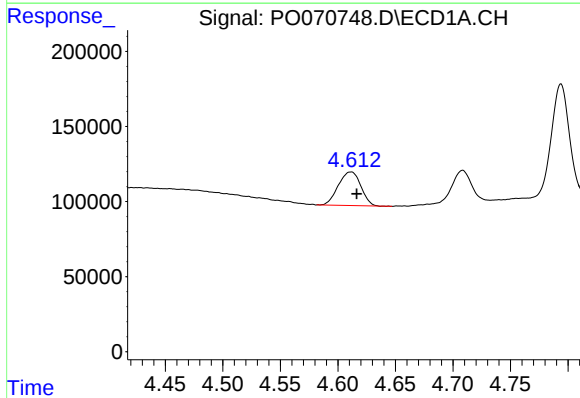
R.T.: 0.000 min
Exp R.T.: 6.168 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



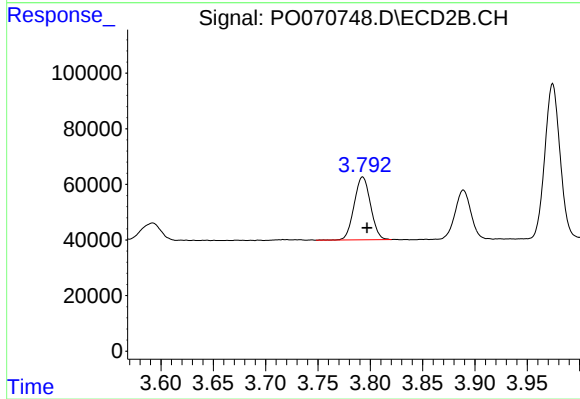
#7 AR-1016-5

R.T.: 5.249 min
Delta R.T.: -0.007 min
Response: 21802
Conc: 16.98 ng/ml



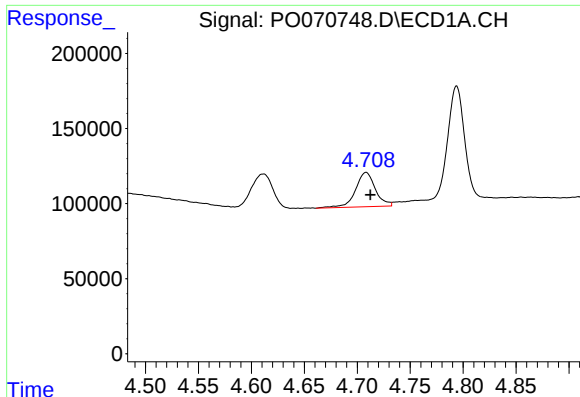
#8 AR-1221-1

R.T.: 4.612 min
Delta R.T.: -0.004 min
Response: 306947
Conc: 456.51 ng/ml



#8 AR-1221-1

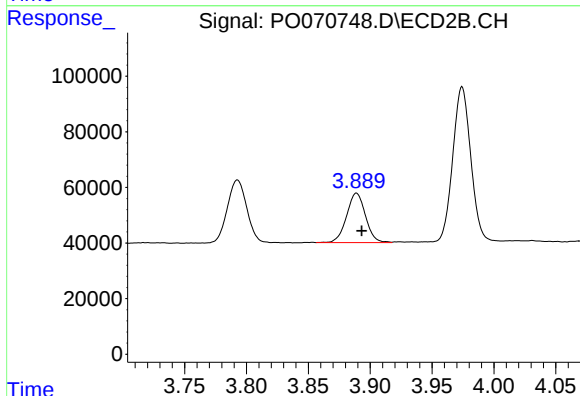
R.T.: 3.793 min
Delta R.T.: -0.004 min
Response: 246931
Conc: 518.11 ng/ml



#9 AR-1221-2

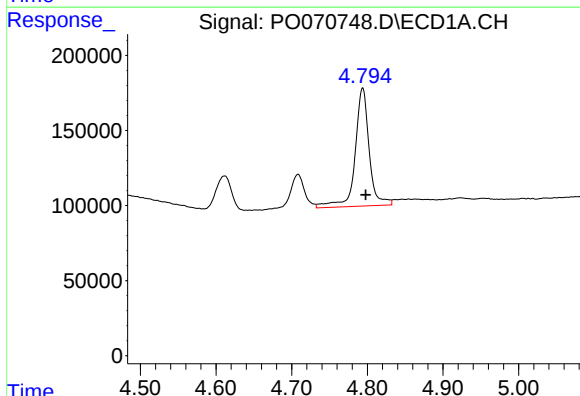
R.T.: 4.708 min
Delta R.T.: -0.004 min
Response: 299310
Conc: 552.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



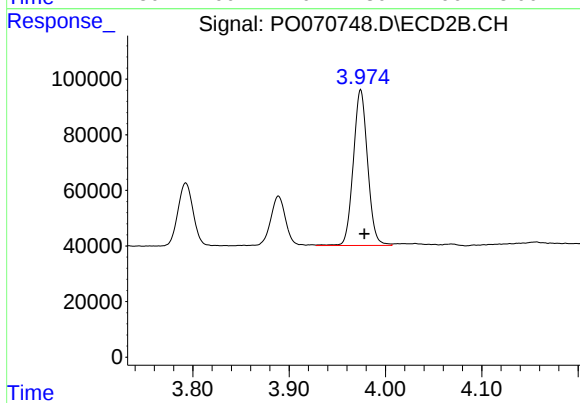
#9 AR-1221-2

R.T.: 3.889 min
Delta R.T.: -0.004 min
Response: 189560
Conc: 499.07 ng/ml



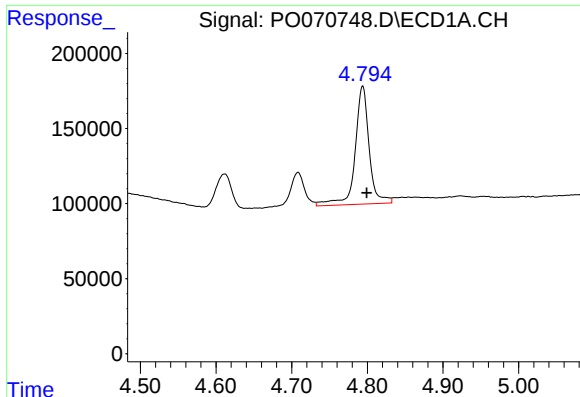
#10 AR-1221-3

R.T.: 4.794 min
Delta R.T.: -0.004 min
Response: 1015498
Conc: 570.00 ng/ml



#10 AR-1221-3

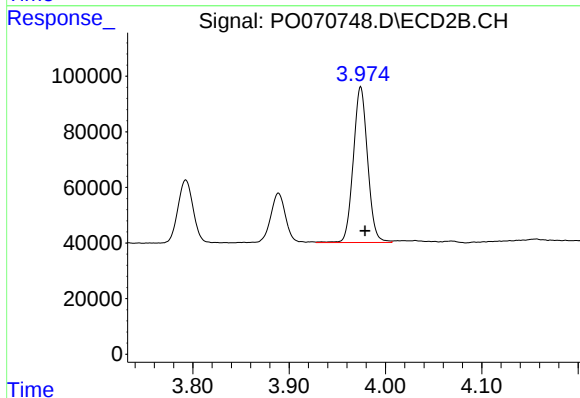
R.T.: 3.974 min
Delta R.T.: -0.004 min
Response: 575957
Conc: 500.69 ng/ml



#11 AR-1232-1

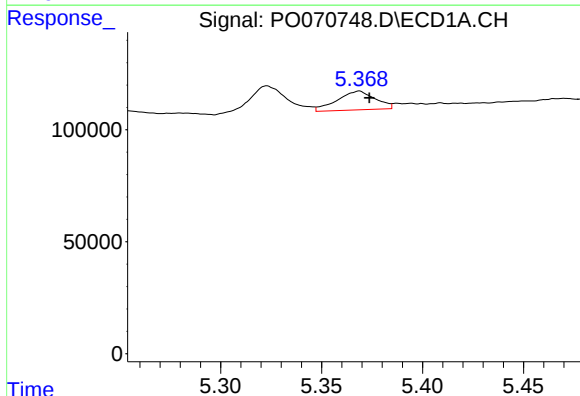
R.T.: 4.794 min
Delta R.T.: -0.005 min
Response: 1015498
Conc: 694.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



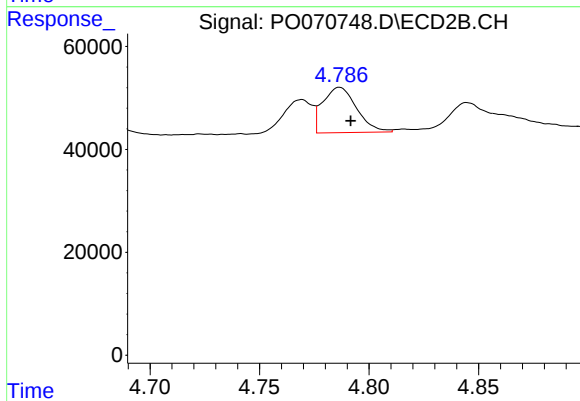
#11 AR-1232-1

R.T.: 3.974 min
Delta R.T.: -0.005 min
Response: 575957
Conc: 654.11 ng/ml



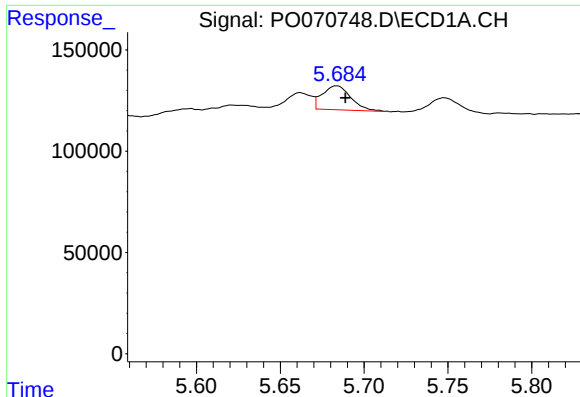
#12 AR-1232-2

R.T.: 5.369 min
Delta R.T.: -0.005 min
Response: 110454
Conc: 133.73 ng/ml



#12 AR-1232-2

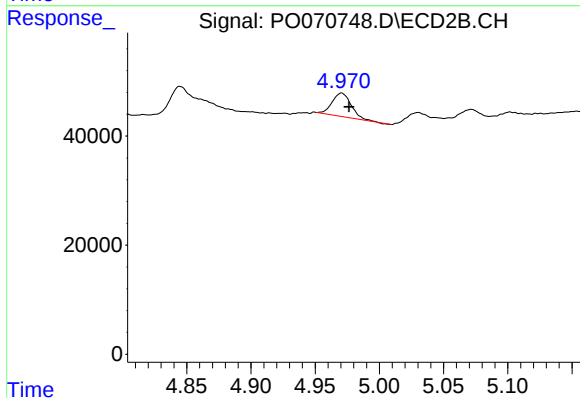
R.T.: 4.787 min
Delta R.T.: -0.005 min
Response: 94903
Conc: 95.91 ng/ml



#13 AR-1232-3

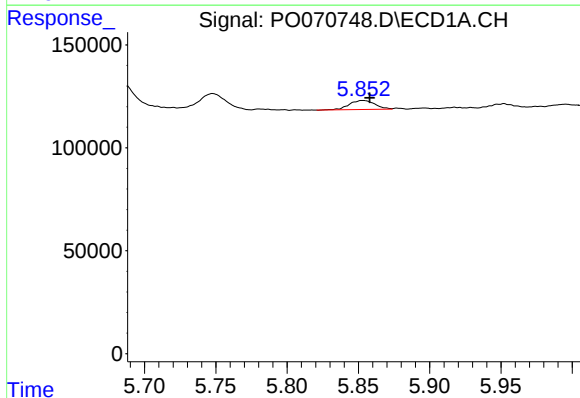
R.T.: 5.684 min
Delta R.T.: -0.005 min
Response: 139947
Conc: 87.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



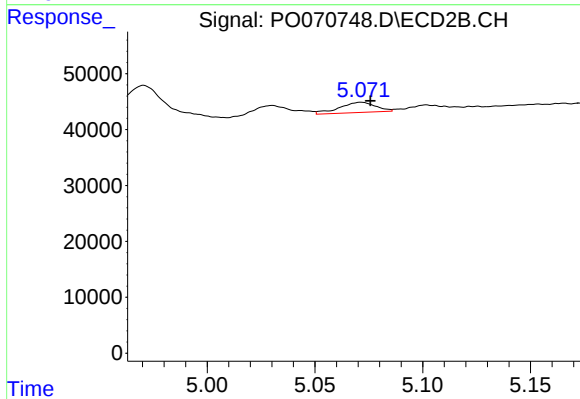
#13 AR-1232-3

R.T.: 4.971 min
Delta R.T.: -0.006 min
Response: 44629
Conc: 83.36 ng/ml



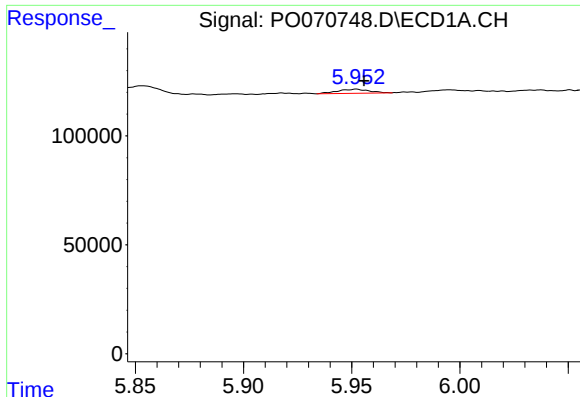
#14 AR-1232-4

R.T.: 5.853 min
Delta R.T.: -0.005 min
Response: 54621
Conc: 69.19 ng/ml



#14 AR-1232-4

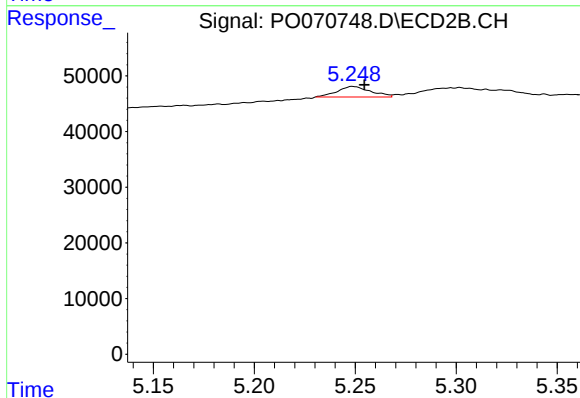
R.T.: 5.072 min
Delta R.T.: -0.004 min
Response: 21484
Conc: 50.51 ng/ml



#15 AR-1232-5

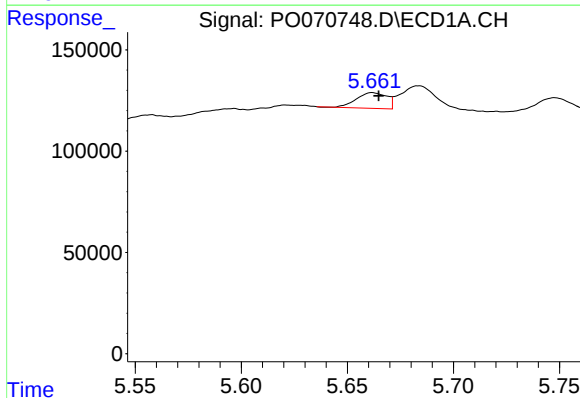
R.T.: 5.952 min
Delta R.T.: -0.004 min
Response: 18565
Conc: 36.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



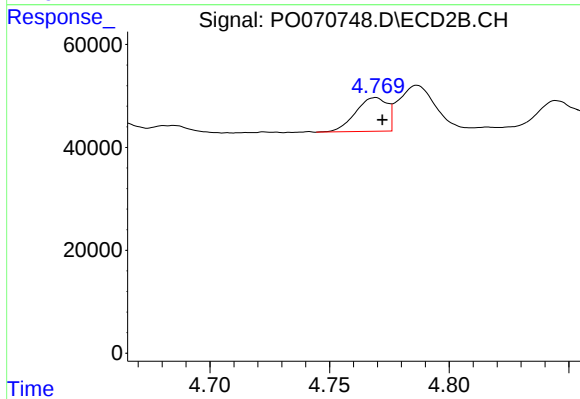
#15 AR-1232-5

R.T.: 5.249 min
Delta R.T.: -0.006 min
Response: 21802
Conc: 44.15 ng/ml



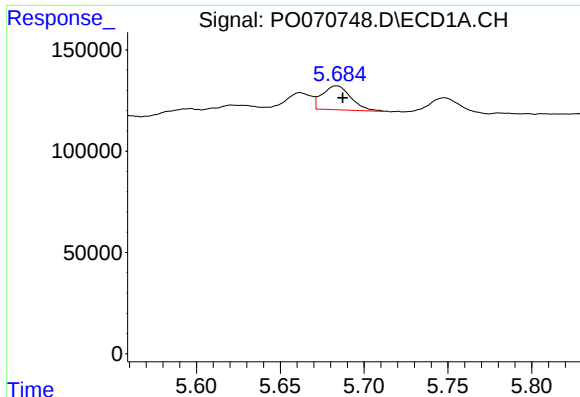
#16 AR-1242-1

R.T.: 5.662 min
Delta R.T.: -0.003 min
Response: 77869
Conc: 36.42 ng/ml



#16 AR-1242-1

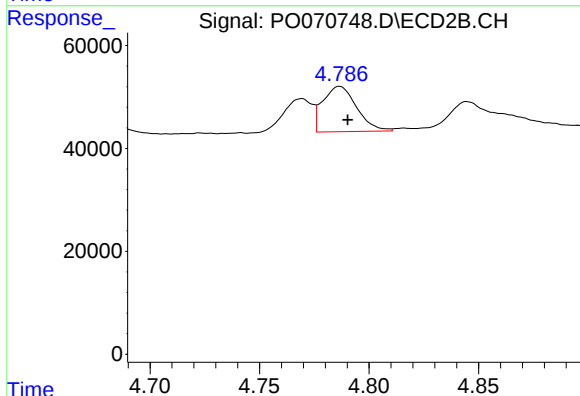
R.T.: 4.769 min
Delta R.T.: -0.003 min
Response: 60426
Conc: 44.86 ng/ml



#17 AR-1242-2

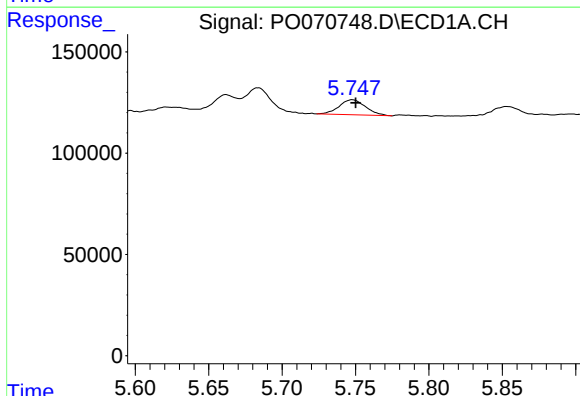
R.T.: 5.684 min
Delta R.T.: -0.004 min
Response: 139947
Conc: 44.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



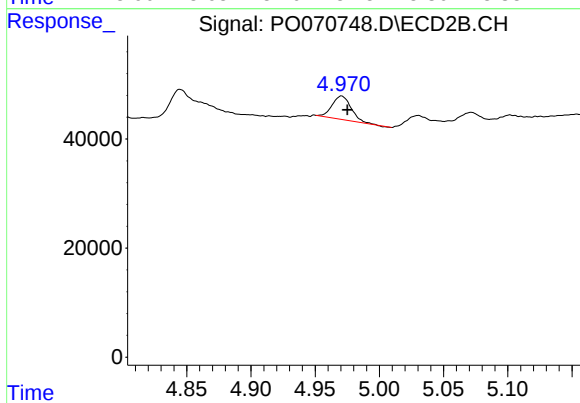
#17 AR-1242-2

R.T.: 4.787 min
Delta R.T.: -0.004 min
Response: 94903
Conc: 49.97 ng/ml



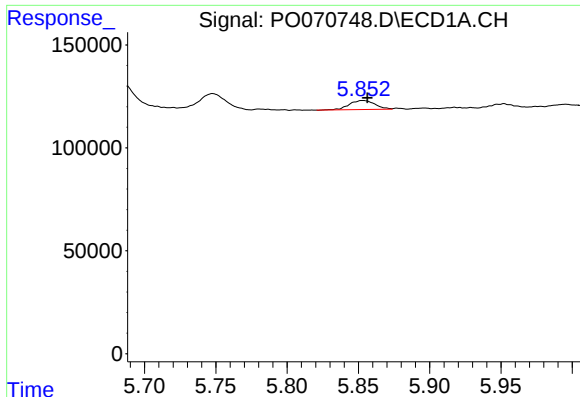
#18 AR-1242-3

R.T.: 5.748 min
Delta R.T.: -0.002 min
Response: 93266
Conc: 49.31 ng/ml



#18 AR-1242-3

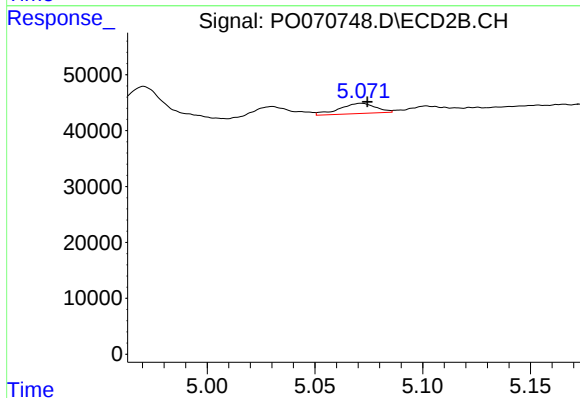
R.T.: 4.971 min
Delta R.T.: -0.004 min
Response: 44629
Conc: 44.33 ng/ml



#19 AR-1242-4

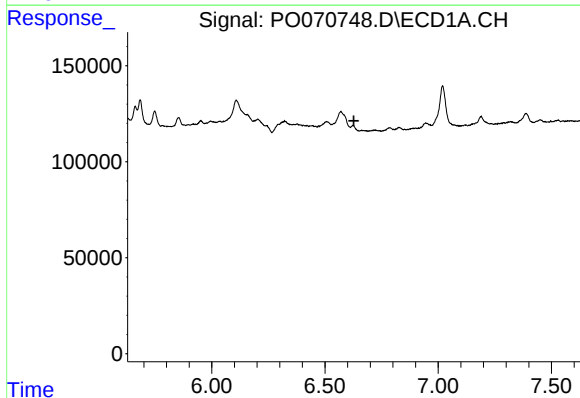
R.T.: 5.853 min
Delta R.T.: -0.003 min
Response: 54621
Conc: 33.79 ng/ml

Instrument :
ECD_O
ClientSampleId :



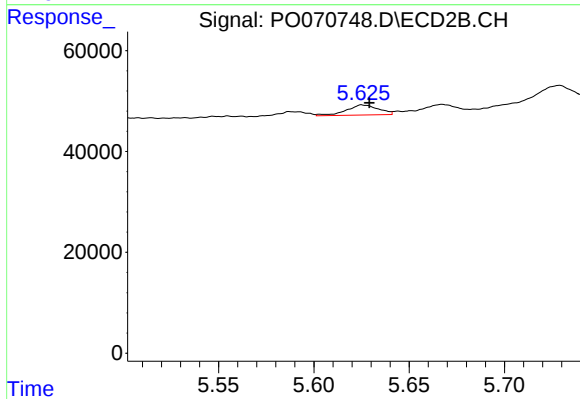
#19 AR-1242-4

R.T.: 5.072 min
Delta R.T.: -0.003 min
Response: 21484
Conc: 23.97 ng/ml



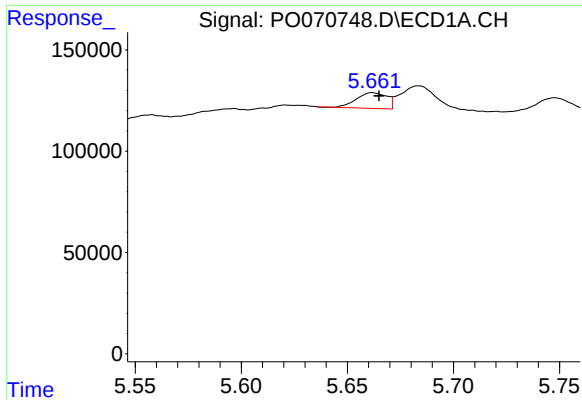
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T. : 6.628 min
Response: 0
Conc: N.D.



#20 AR-1242-5

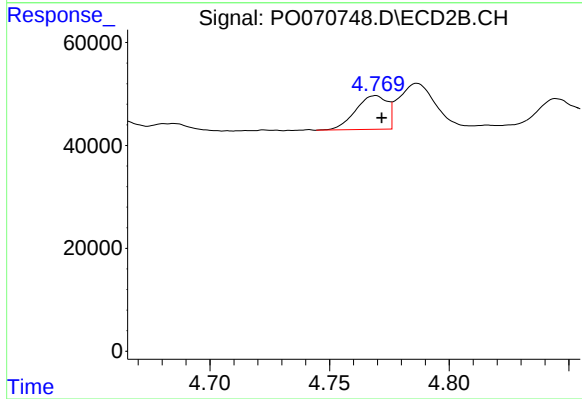
R.T.: 5.625 min
Delta R.T.: -0.004 min
Response: 23394
Conc: 17.29 ng/ml



#21 AR-1248-1

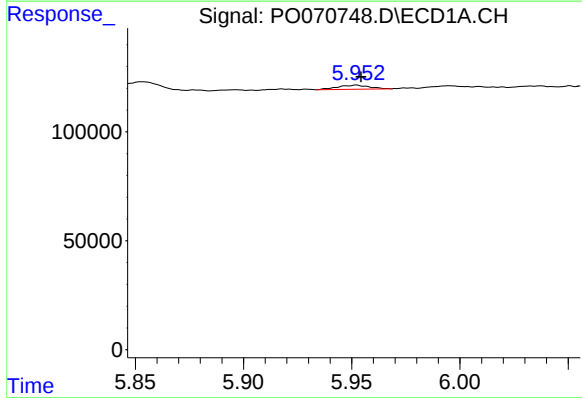
R.T.: 5.662 min
Delta R.T.: -0.003 min
Response: 77869
Conc: 46.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



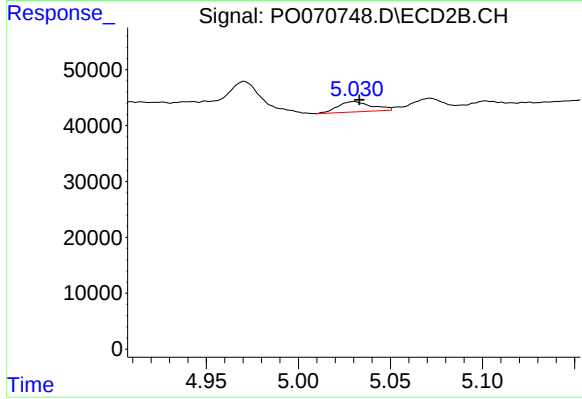
#21 AR-1248-1

R.T.: 4.769 min
Delta R.T.: -0.002 min
Response: 60426
Conc: 57.76 ng/ml



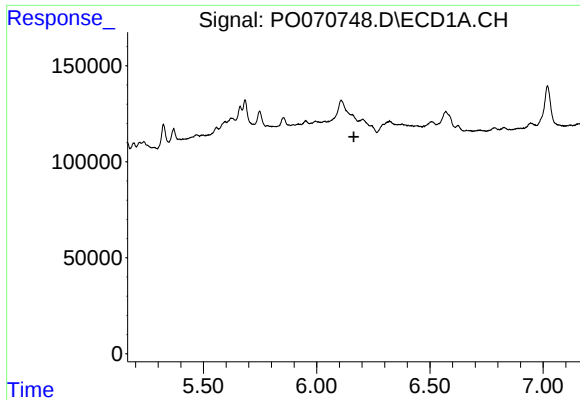
#22 AR-1248-2

R.T.: 5.952 min
Delta R.T.: -0.002 min
Response: 18565
Conc: 8.84 ng/ml



#22 AR-1248-2

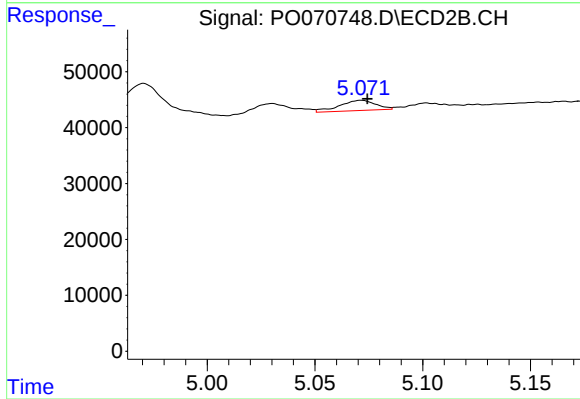
R.T.: 5.030 min
Delta R.T.: -0.003 min
Response: 23918
Conc: 17.69 ng/ml



#23 AR-1248-3

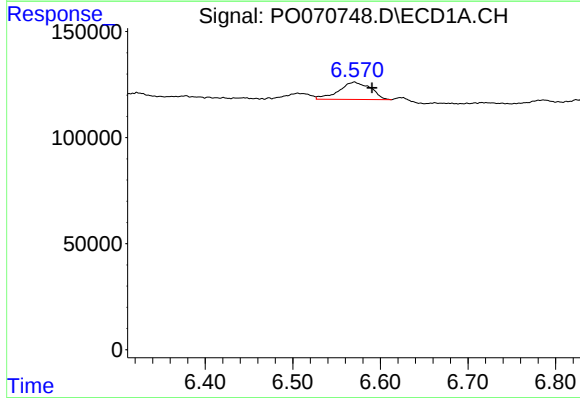
R.T.: 0.000 min
Exp R.T.: 6.165 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



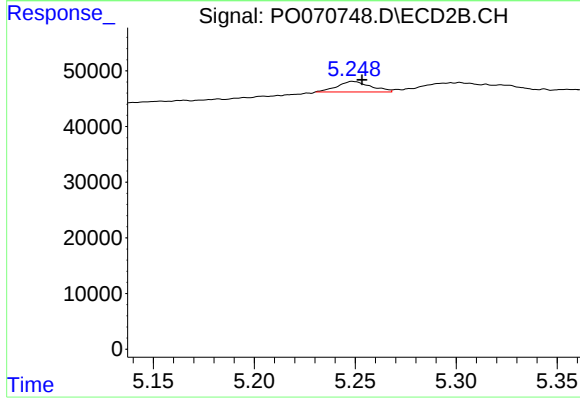
#23 AR-1248-3

R.T.: 5.072 min
Delta R.T.: -0.003 min
Response: 21484
Conc: 16.91 ng/ml



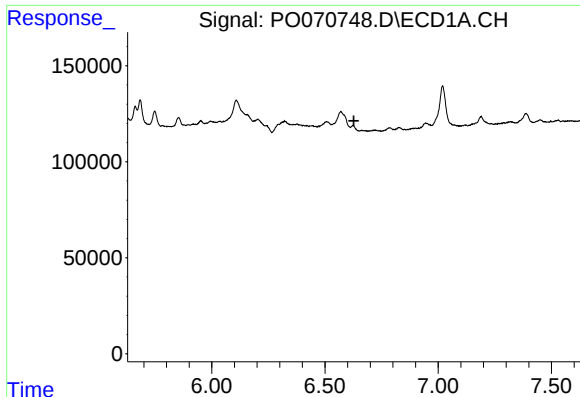
#24 AR-1248-4

R.T.: 6.571 min
Delta R.T.: -0.020 min
Response: 205453
Conc: 58.55 ng/ml



#24 AR-1248-4

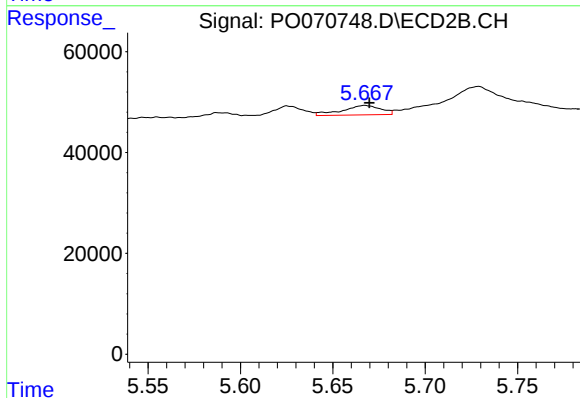
R.T.: 5.249 min
Delta R.T.: -0.005 min
Response: 21802
Conc: 13.27 ng/ml



#25 AR-1248-5

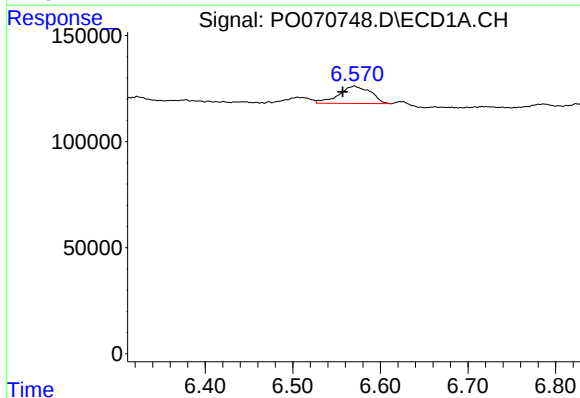
R.T.: 0.000 min
Exp R.T.: 6.628 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



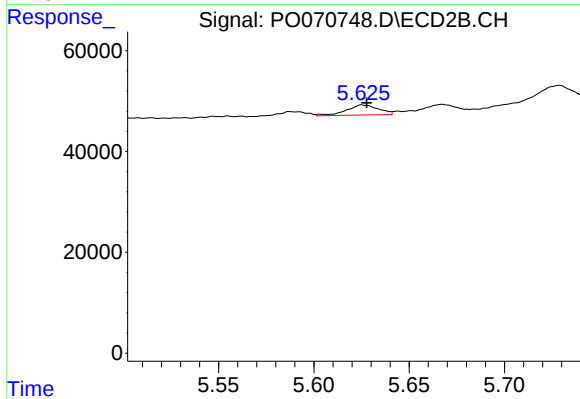
#25 AR-1248-5

R.T.: 5.667 min
Delta R.T.: -0.003 min
Response: 27483
Conc: 15.76 ng/ml



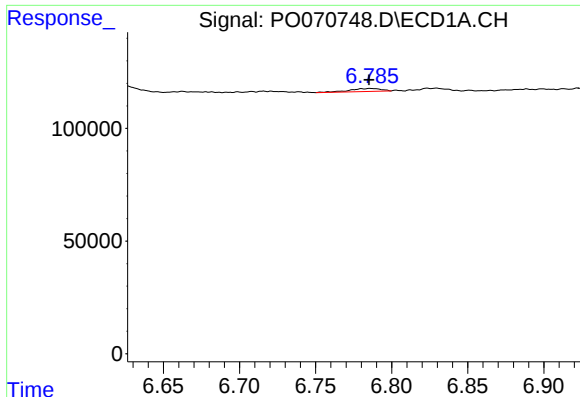
#26 AR-1254-1

R.T.: 6.571 min
Delta R.T.: 0.014 min
Response: 205453
Conc: 61.47 ng/ml



#26 AR-1254-1

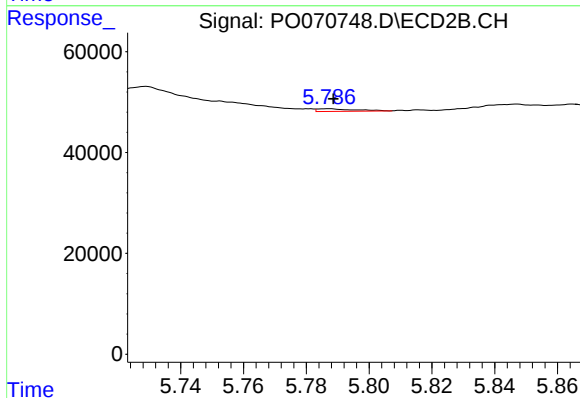
R.T.: 5.625 min
Delta R.T.: -0.003 min
Response: 23394
Conc: 8.44 ng/ml



#27 AR-1254-2

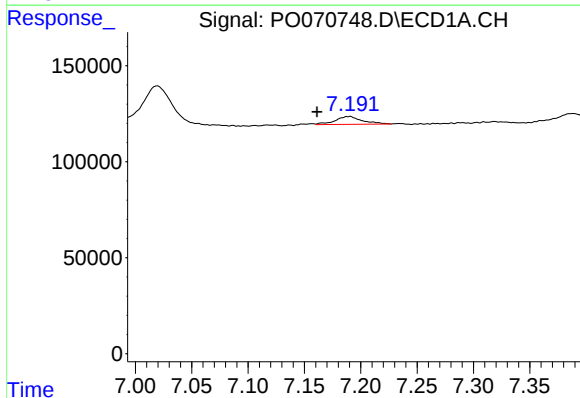
R.T.: 6.786 min
Delta R.T.: 0.000 min
Response: 19003
Conc: 3.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



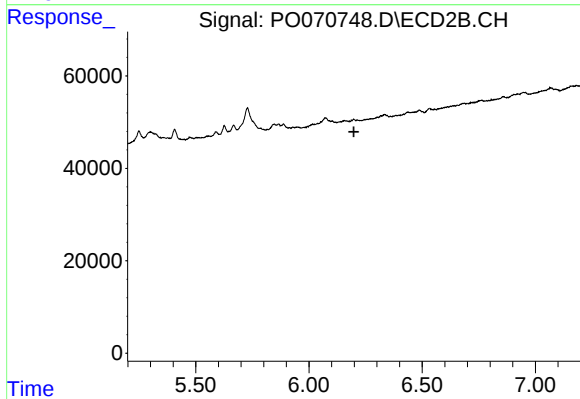
#27 AR-1254-2

R.T.: 5.787 min
Delta R.T.: -0.001 min
Response: 4208
Conc: 1.70 ng/ml



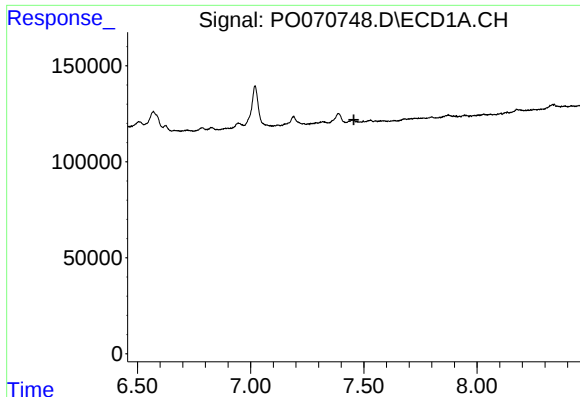
#28 AR-1254-3

R.T.: 7.191 min
Delta R.T.: 0.030 min
Response: 68296
Conc: 12.56 ng/ml



#28 AR-1254-3

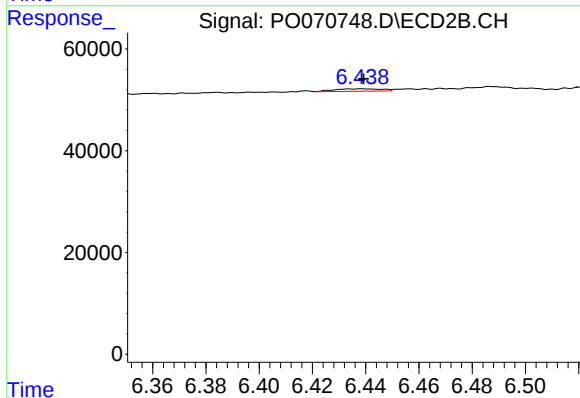
R.T.: 0.000 min
Exp R.T.: 6.199 min
Response: 0
Conc: N.D.



#29 AR-1254-4

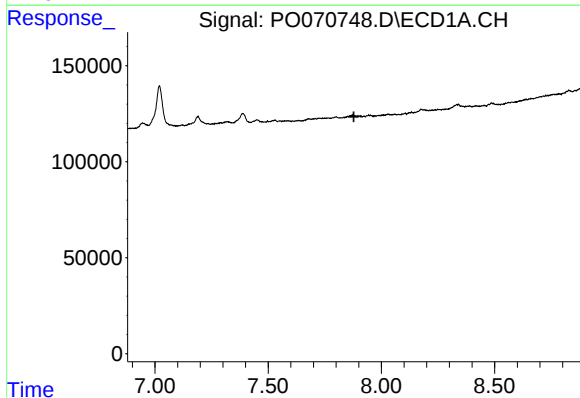
R.T.: 0.000 min
Exp R.T.: 7.456 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



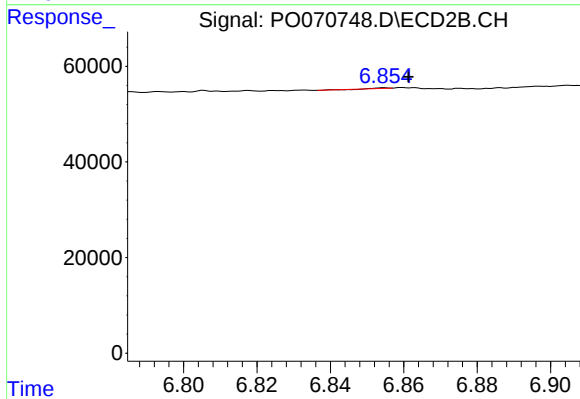
#29 AR-1254-4

R.T.: 6.438 min
Delta R.T.: -0.001 min
Response: 5954
Conc: 1.98 ng/ml



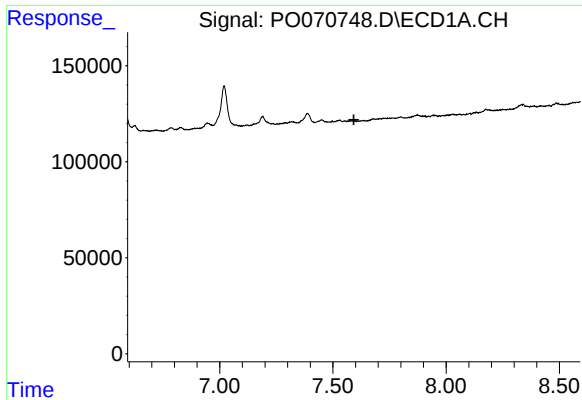
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T.: 7.878 min
Response: 0
Conc: N.D.



#30 AR-1254-5

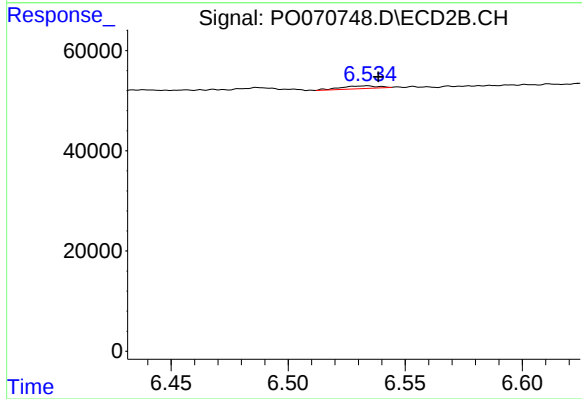
R.T.: 6.855 min
Delta R.T.: -0.007 min
Response: 215
Conc: 0.05 ng/ml



#32 AR-1260-2

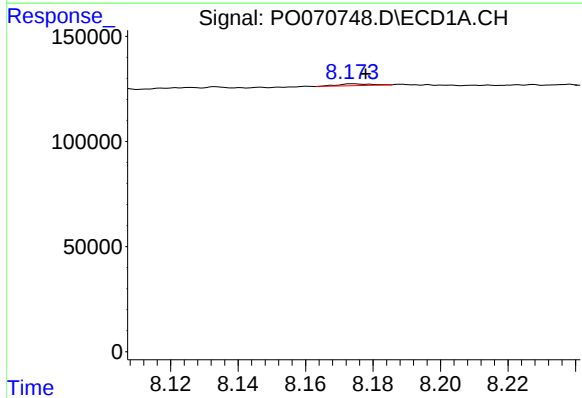
R.T.: 0.000 min
Exp R.T.: 7.593 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



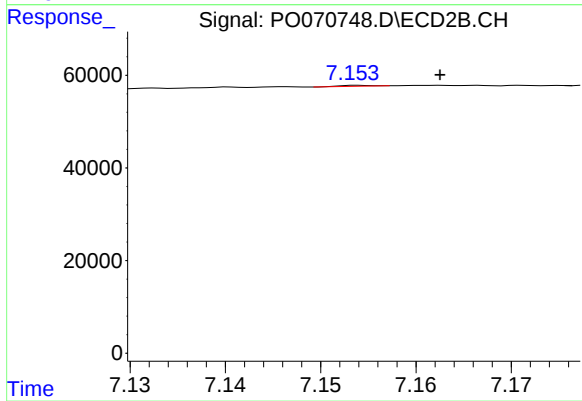
#32 AR-1260-2

R.T.: 6.534 min
Delta R.T.: -0.005 min
Response: 5965
Conc: 1.63 ng/ml



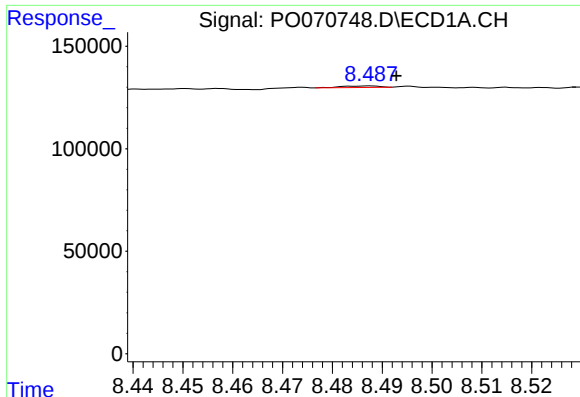
#34 AR-1260-4

R.T.: 8.174 min
Delta R.T.: -0.004 min
Response: 5653
Conc: 1.11 ng/ml



#34 AR-1260-4

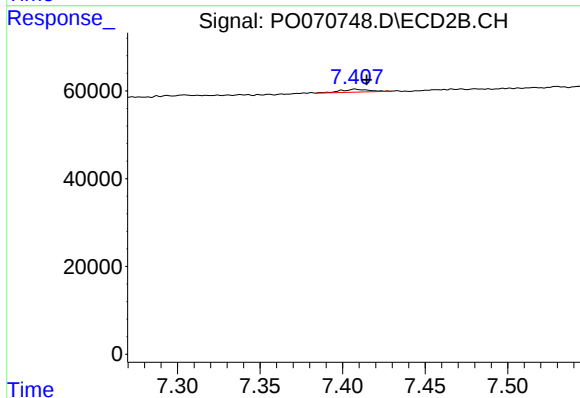
R.T.: 7.154 min
Delta R.T.: -0.008 min
Response: 420
Conc: 0.15 ng/ml



#35 AR-1260-5

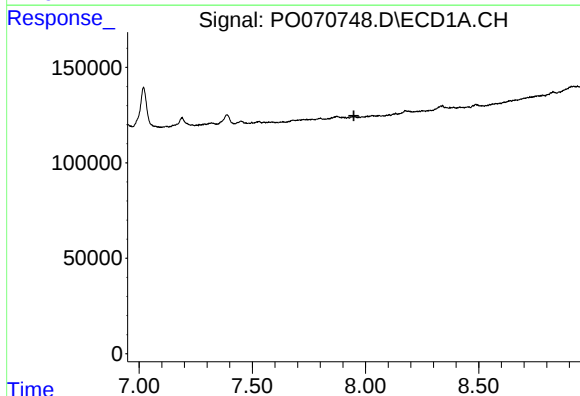
R.T.: 8.488 min
Delta R.T.: -0.005 min
Response: 3878
Conc: 0.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



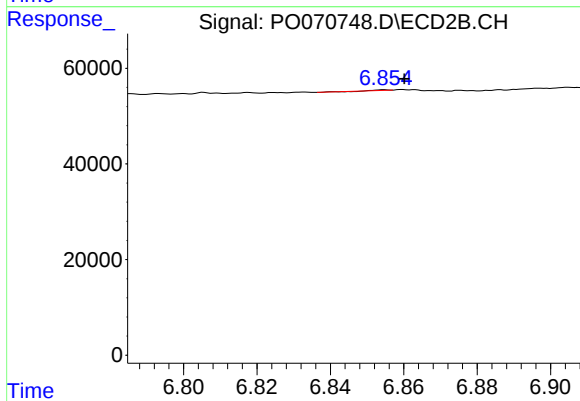
#35 AR-1260-5

R.T.: 7.407 min
Delta R.T.: -0.007 min
Response: 8087
Conc: 1.03 ng/ml



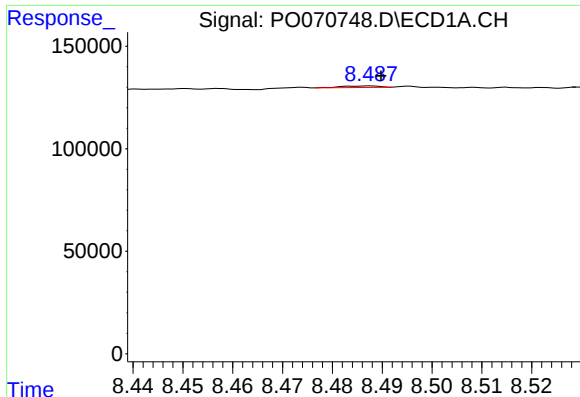
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 7.948 min
Response: 0
Conc: N.D.



#36 AR-1262-1

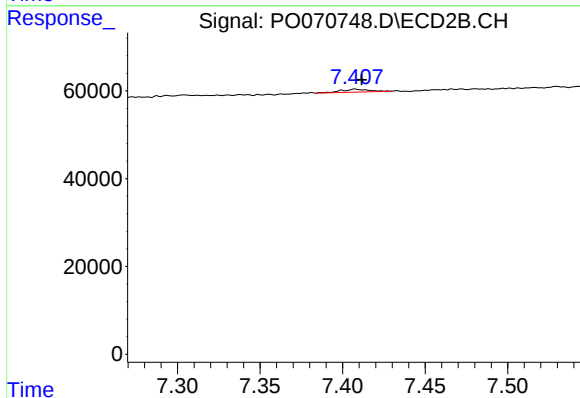
R.T.: 6.855 min
Delta R.T.: -0.005 min
Response: 215
Conc: 0.10 ng/ml



#37 AR-1262-2

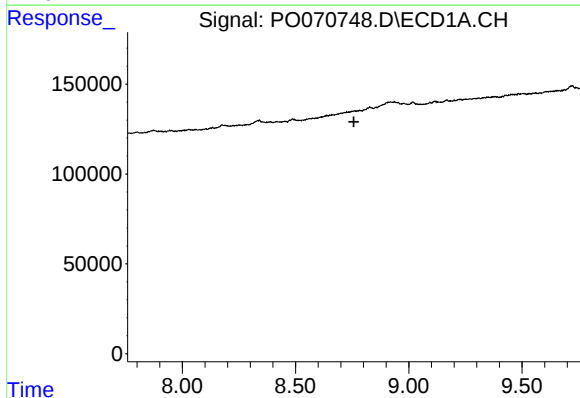
R.T.: 8.488 min
Delta R.T.: -0.002 min
Response: 3878
Conc: 0.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



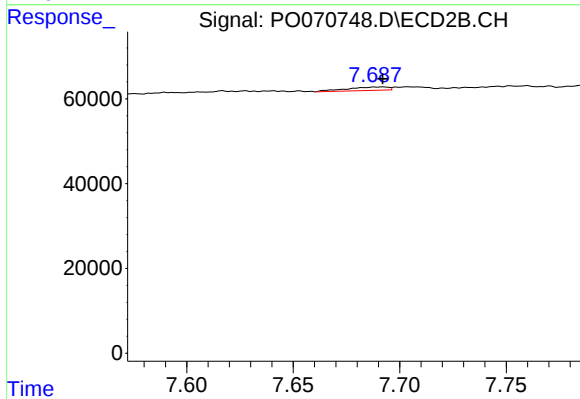
#37 AR-1262-2

R.T.: 7.407 min
Delta R.T.: -0.004 min
Response: 8087
Conc: 0.94 ng/ml



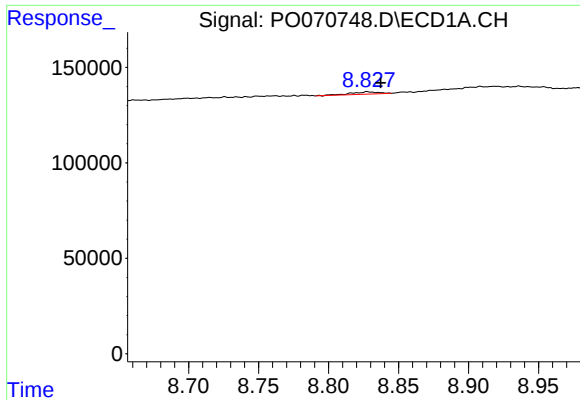
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 8.758 min
Response: 0
Conc: N.D.



#38 AR-1262-3

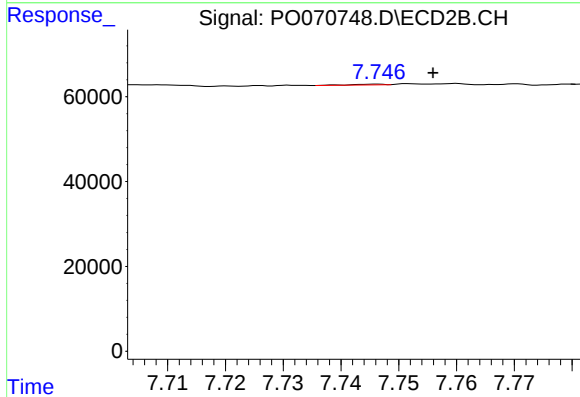
R.T.: 7.692 min
Delta R.T.: 0.000 min
Response: 10944
Conc: 3.09 ng/ml



#39 AR-1262-4

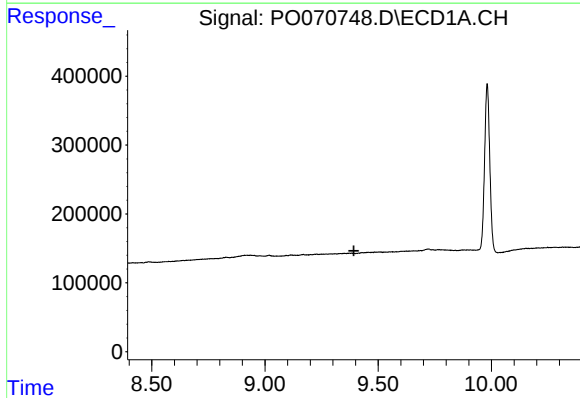
R.T.: 8.828 min
Delta R.T.: -0.010 min
Response: 16436
Conc: 5.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



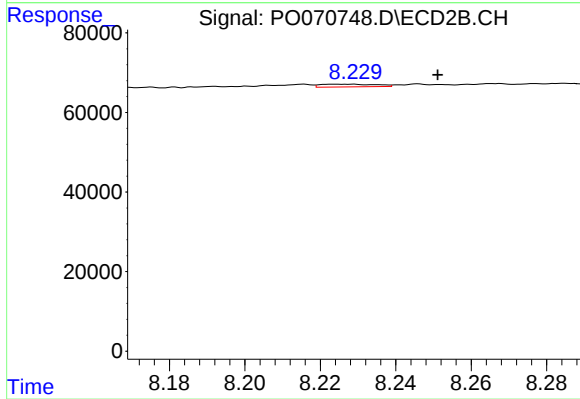
#39 AR-1262-4

R.T.: 7.746 min
Delta R.T.: -0.010 min
Response: 723
Conc: 0.12 ng/ml



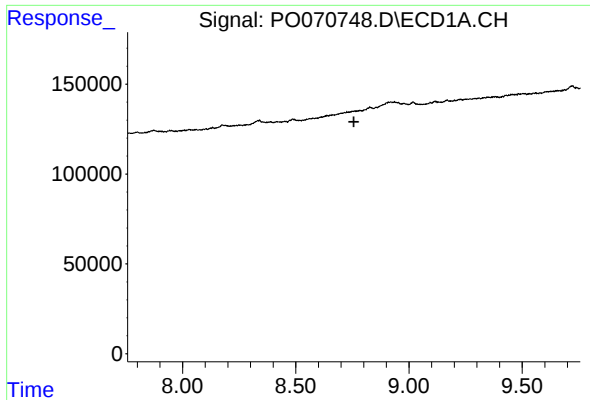
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 9.393 min
Response: 0
Conc: N.D.



#40 AR-1262-5

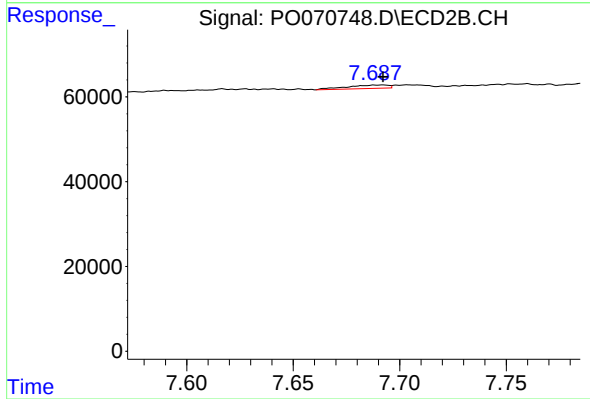
R.T.: 8.229 min
Delta R.T.: -0.022 min
Response: 7078
Conc: 2.36 ng/ml



#41 AR-1268-1

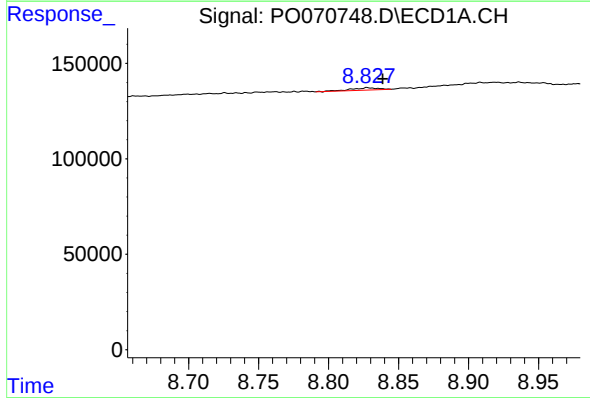
R.T.: 0.000 min
Exp R.T.: 8.757 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



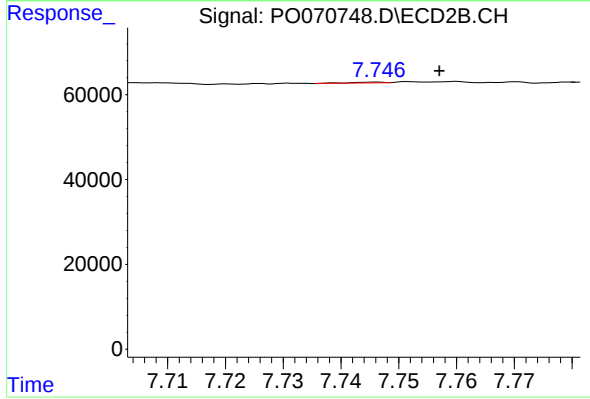
#41 AR-1268-1

R.T.: 7.692 min
Delta R.T.: 0.000 min
Response: 10944
Conc: 1.02 ng/ml



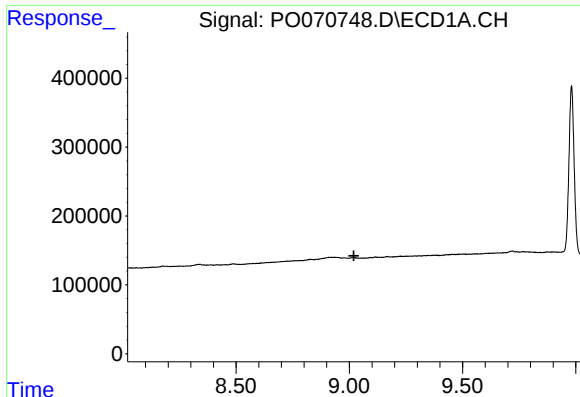
#42 AR-1268-2

R.T.: 8.828 min
Delta R.T.: -0.011 min
Response: 16436
Conc: 1.23 ng/ml



#42 AR-1268-2

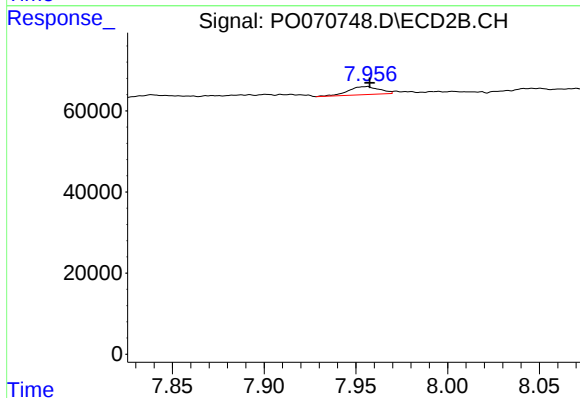
R.T.: 7.746 min
Delta R.T.: -0.011 min
Response: 723
Conc: 0.08 ng/ml



#43 AR-1268-3

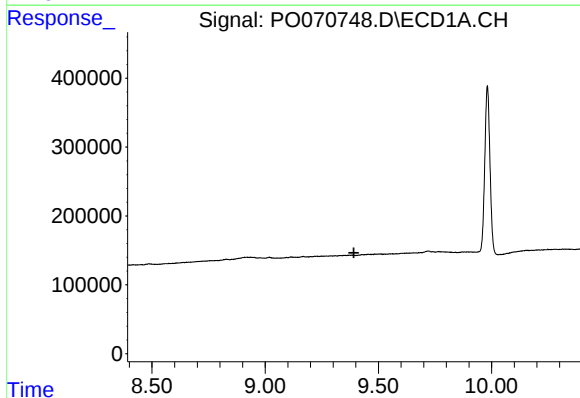
R.T.: 0.000 min
Exp R.T.: 9.020 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



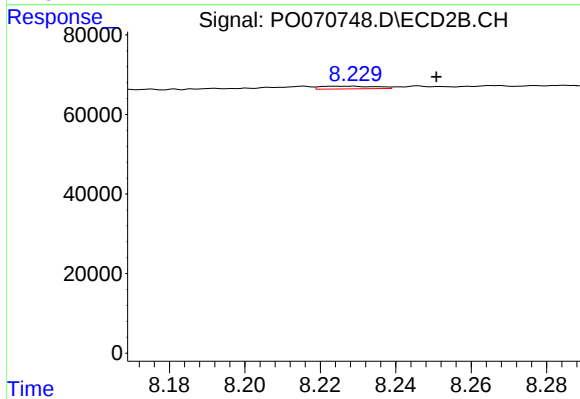
#43 AR-1268-3

R.T.: 7.957 min
Delta R.T.: -0.001 min
Response: 23285
Conc: 3.01 ng/ml



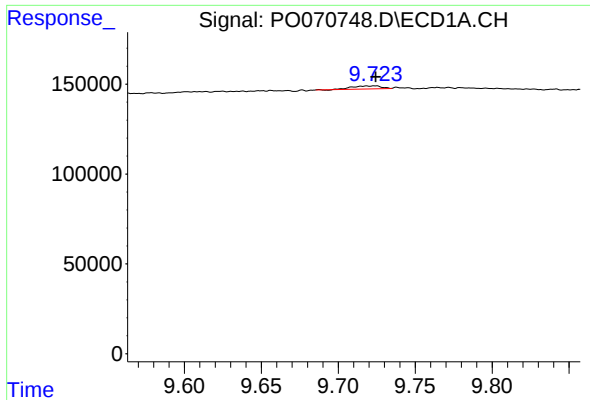
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T.: 9.392 min
Response: 0
Conc: N.D.



#44 AR-1268-4

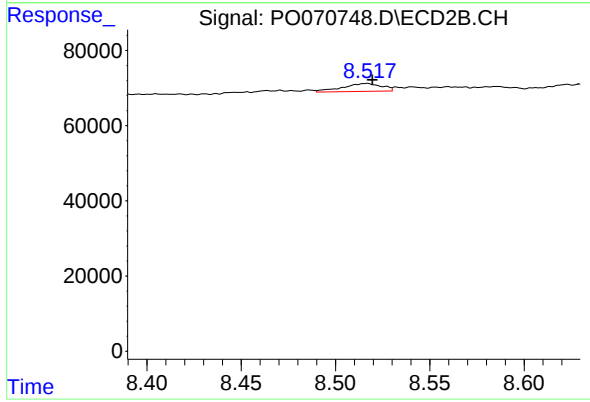
R.T.: 8.229 min
Delta R.T.: -0.022 min
Response: 7078
Conc: 2.06 ng/ml



#45 AR-1268-5

R.T.: 9.718 min
Delta R.T.: -0.006 min
Response: 20952
Conc: 0.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.517 min
Delta R.T.: -0.003 min
Response: 30482
Conc: 1.35 ng/ml