

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO121119\
 Data File : P0064542.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 11 Dec 2019 9:24
 Operator : SM/AJ
 Sample : I.BLK
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 I.BLK

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 11 11:30:34 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO112719.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Nov 28 01:28:08 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...	4.314	3.557	369257	325439	12.468	13.682
2)	SA Decachlor...	9.931	8.512	704190	696687	17.182	17.055
Target Compounds							
3)	L1 AR-1016-1	5.470	0.000	9338	0	7.194	N.D. #
4)	L1 AR-1016-2	5.496	0.000	1534	0	0.841	N.D. #
5)	L1 AR-1016-3	5.568	0.000	658	0	0.573	N.D. #
6)	L1 AR-1016-4	5.659	4.937	4770	22137	5.073	34.029 #
7)	L1 AR-1016-5	5.949	0.000	6659	0	6.843	N.D. #
8)	L2 AR-1221-1	4.501	0.000	4571	0	12.866	N.D. #
9)	L2 AR-1221-2	4.618	0.000	11390	0	41.196	N.D. #
10)	L2 AR-1221-3	4.696	0.000	12072	0	14.377	N.D. #
11)	L3 AR-1232-1	4.696	0.000	12072	0	9.416	N.D. #
12)	L3 AR-1232-2	5.229	0.000	14104	0	20.076	N.D. #
13)	L3 AR-1232-3	5.496	0.000	1534	0	1.108	N.D. #
14)	L3 AR-1232-4	5.659	4.937	4770	22137	6.705	41.697 #
15)	L3 AR-1232-5	5.752	0.000	2113	0	3.752	N.D. #
16)	L4 AR-1242-1	5.470	0.000	9338	0	9.807	N.D. #
17)	L4 AR-1242-2	5.496	0.000	1534	0	1.136	N.D. #
18)	L4 AR-1242-3	5.568	0.000	658	0	0.766	N.D. #
19)	L4 AR-1242-4	5.659	4.937	4770	22137	6.823	39.029 #
20)	L4 AR-1242-5	6.384	5.429	13986	60461	16.555	77.040 #
21)	L5 AR-1248-1	5.470	0.000	9338	0	16.648	N.D. #
22)	L5 AR-1248-2	5.752	4.937	2113	22137	2.550	35.205 #
23)	L5 AR-1248-3	5.949	4.937	6659	22137	7.239	34.308 #
24)	L5 AR-1248-4	6.319	0.000	98880	0	89.210	N.D. #
25)	L5 AR-1248-5	6.384	5.429	13986	60461	13.035	49.904 #
26)	L6 AR-1254-1	6.319	5.429	98880	60461	60.584	30.763 #
27)	L6 AR-1254-2	6.533	5.568	164907	150802	63.259	84.204 #
28)	L6 AR-1254-3	6.892	5.971	85433	285735	29.600	92.327 #
29)	L6 AR-1254-4	7.178	6.195	205590	155942	89.771	75.581
30)	L6 AR-1254-5	7.593	6.610	363401	304311	142.217	100.892 #
31)	L7 AR-1260-1	7.046	0.000	90029	0	47.706	N.D. #
32)	L7 AR-1260-2	7.311	6.280	129002	116551	55.160	52.388
33)	L7 AR-1260-3	7.727	6.500	12198	98108	6.589	48.253 #
34)	L7 AR-1260-4	7.887	6.944	101962	51060	46.524	27.529 #
35)	L7 AR-1260-5	8.210	7.140	54762	68783	12.404	14.207
36)	L8 AR-1262-1	7.727	6.721	12198	23736	4.086	18.890 #
37)	L8 AR-1262-2	8.210	7.140	54762	68783	9.932	11.530
38)	L8 AR-1262-3	8.524	7.432	33041	-8875	8.539	N.D. #
39)	L8 AR-1262-4	8.617	7.492	5321	28693	1.820	6.443 #
40)	L8 AR-1262-5	9.214	0.000	13658	0	6.507	N.D. #
41)	L9 AR-1268-1	8.524	7.432	33041	-8875	5.068	N.D. #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0121119\
Data File : P0064542.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 11 Dec 2019 9:24
Operator : SM/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

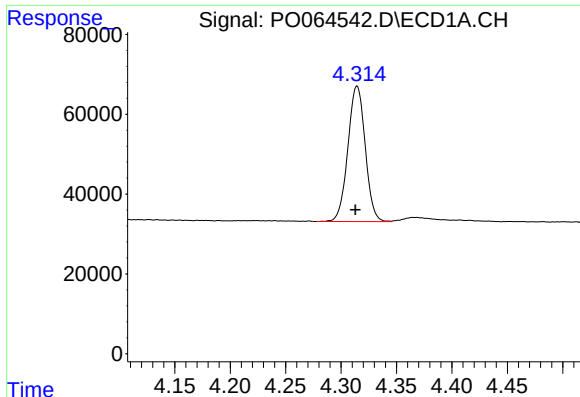
Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 11 11:30:34 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0112719.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Nov 28 01:28:08 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	8.617	7.492	5321	28693	0.881	4.482 #
43)	L9 AR-1268-3	8.815	0.000	12061	0	2.429	N.D. #
44)	L9 AR-1268-4	9.214	0.000	13658	0	5.837	N.D. #
45)	L9 AR-1268-5	9.615	0.000	12220	0	0.795	N.D. #

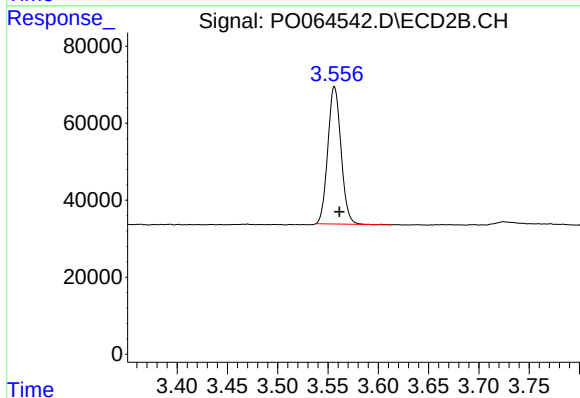
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

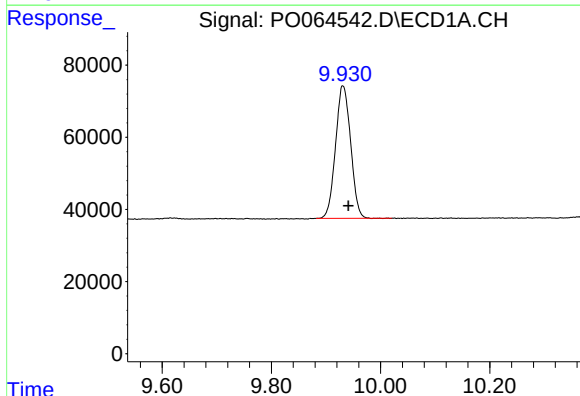
R.T.: 4.314 min
Delta R.T.: 0.001 min
Response: 369257
Conc: 12.47 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



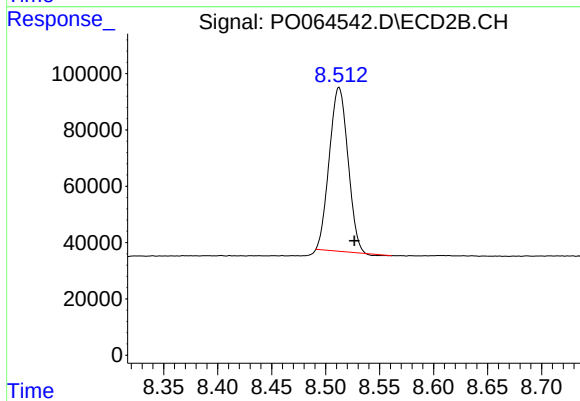
#1 Tetrachloro-m-xylene

R.T.: 3.557 min
Delta R.T.: -0.005 min
Response: 325439
Conc: 13.68 ng/ml



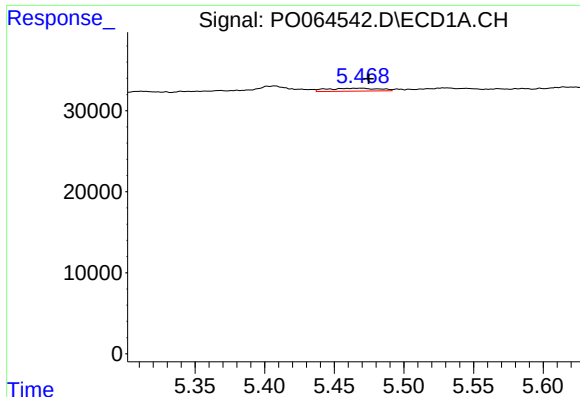
#2 Decachlorobiphenyl

R.T.: 9.931 min
Delta R.T.: -0.010 min
Response: 704190
Conc: 17.18 ng/ml



#2 Decachlorobiphenyl

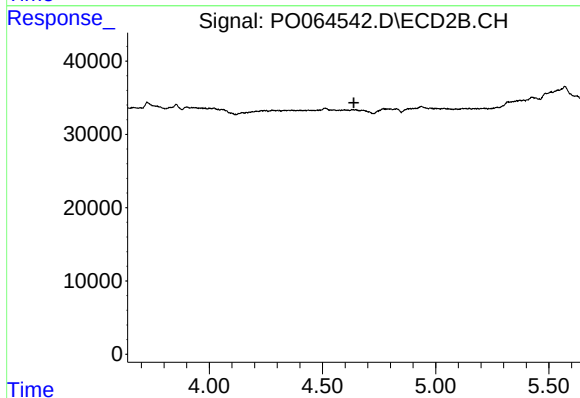
R.T.: 8.512 min
Delta R.T.: -0.014 min
Response: 696687
Conc: 17.05 ng/ml



#3 AR-1016-1

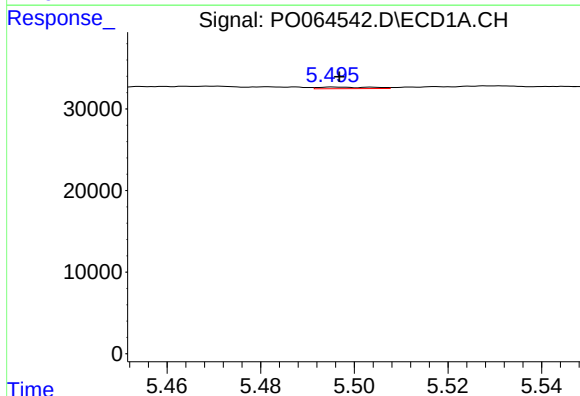
R.T.: 5.470 min
Delta R.T.: -0.005 min
Response: 9338
Conc: 7.19 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



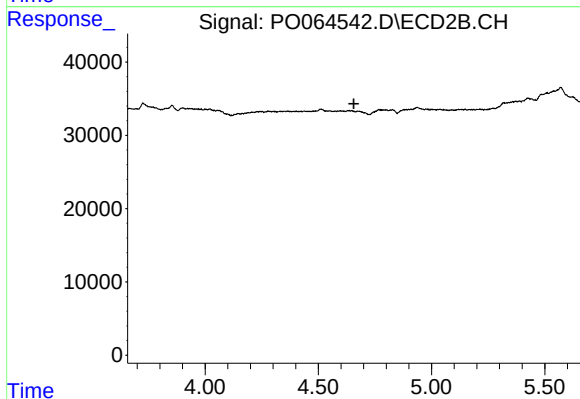
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 4.638 min
Response: 0
Conc: N.D.



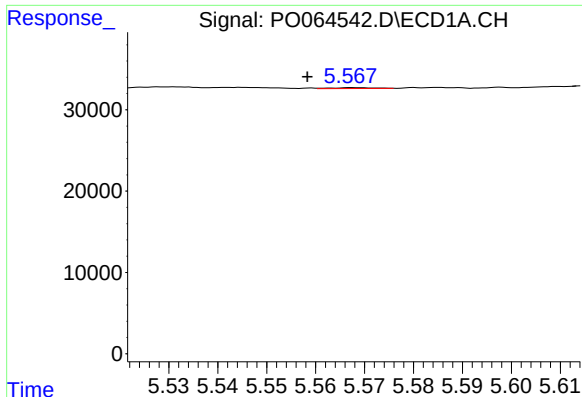
#4 AR-1016-2

R.T.: 5.496 min
Delta R.T.: 0.000 min
Response: 1534
Conc: 0.84 ng/ml



#4 AR-1016-2

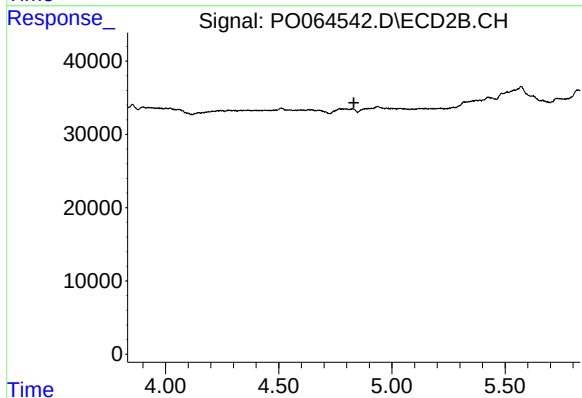
R.T.: 0.000 min
Exp R.T. : 4.657 min
Response: 0
Conc: N.D.



#5 AR-1016-3

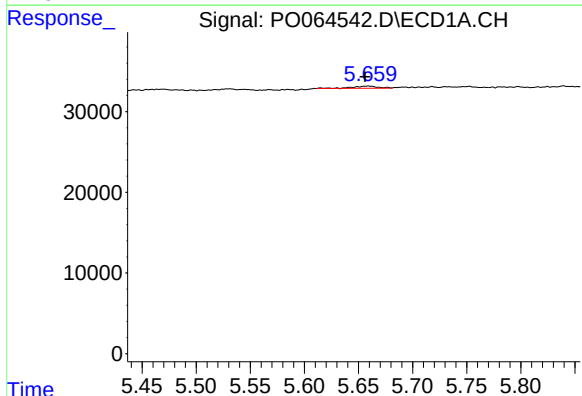
R.T.: 5.568 min
Delta R.T.: 0.010 min
Response: 658
Conc: 0.57 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



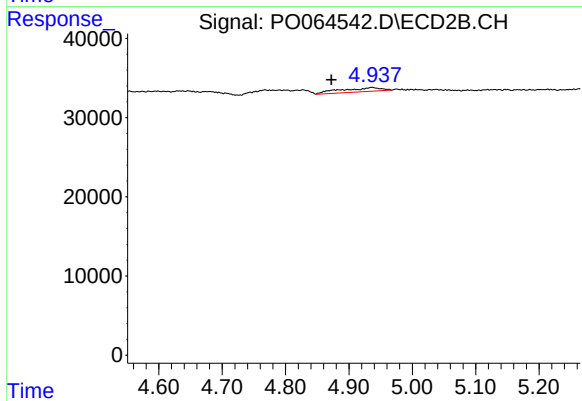
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 4.832 min
Response: 0
Conc: N.D.



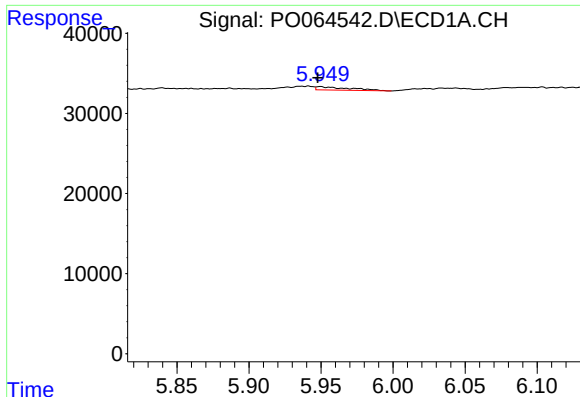
#6 AR-1016-4

R.T.: 5.659 min
Delta R.T.: 0.003 min
Response: 4770
Conc: 5.07 ng/ml



#6 AR-1016-4

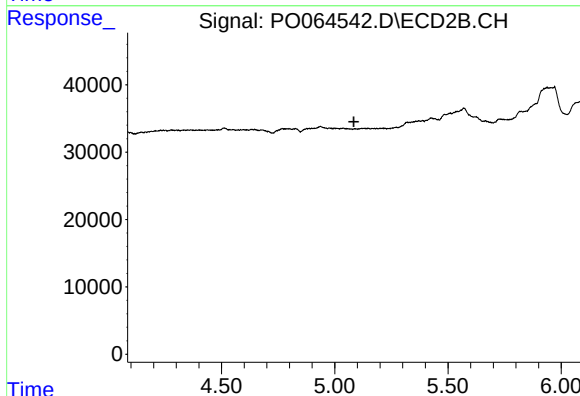
R.T.: 4.937 min
Delta R.T.: 0.064 min
Response: 22137
Conc: 34.03 ng/ml



#7 AR-1016-5

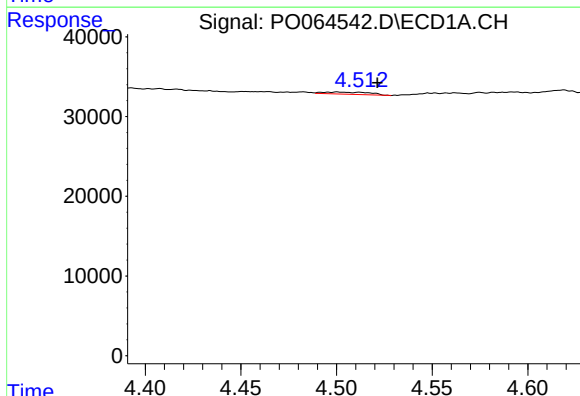
R.T.: 5.949 min
Delta R.T.: 0.001 min
Response: 6659
Conc: 6.84 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



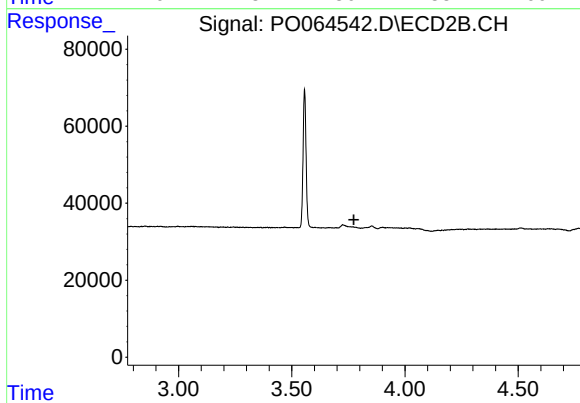
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 5.084 min
Response: 0
Conc: N.D.



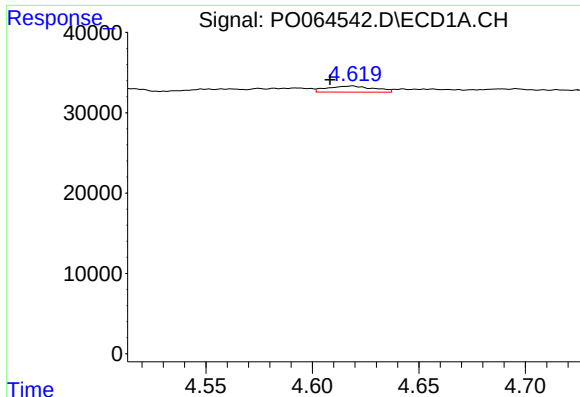
#8 AR-1221-1

R.T.: 4.501 min
Delta R.T.: -0.021 min
Response: 4571
Conc: 12.87 ng/ml



#8 AR-1221-1

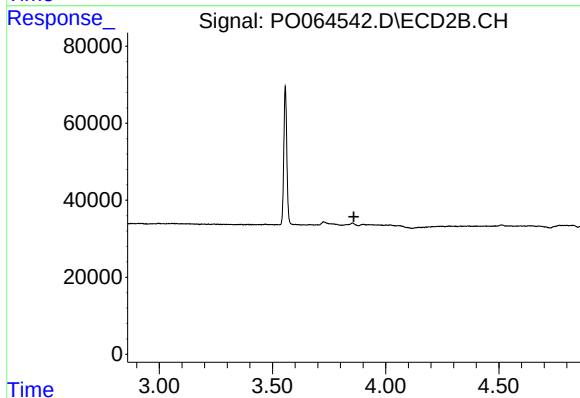
R.T.: 0.000 min
Exp R.T. : 3.775 min
Response: 0
Conc: N.D.



#9 AR-1221-2

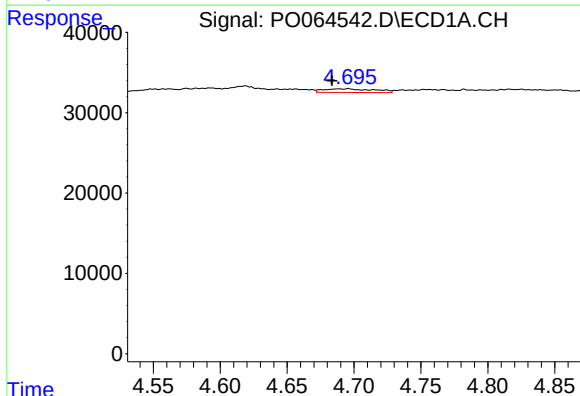
R.T.: 4.618 min
Delta R.T.: 0.010 min
Response: 11390
Conc: 41.20 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



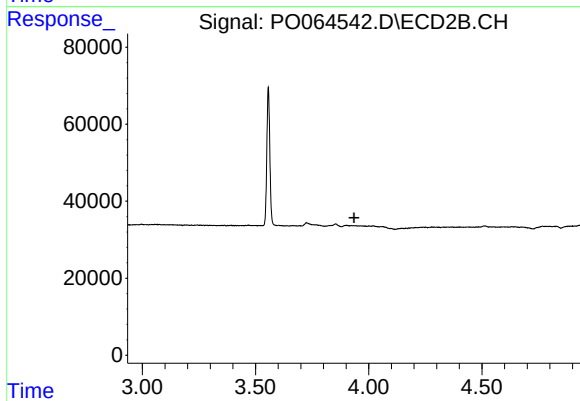
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 3.859 min
Response: 0
Conc: N.D.



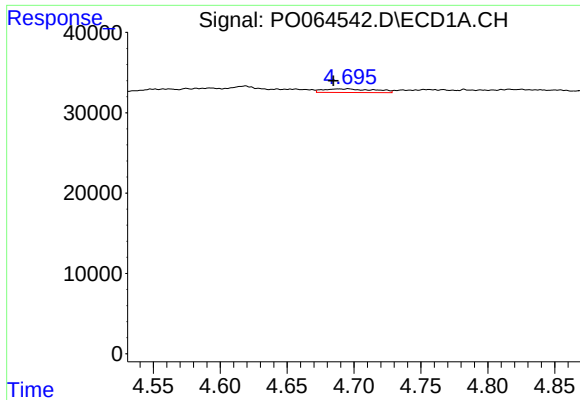
#10 AR-1221-3

R.T.: 4.696 min
Delta R.T.: 0.012 min
Response: 12072
Conc: 14.38 ng/ml



#10 AR-1221-3

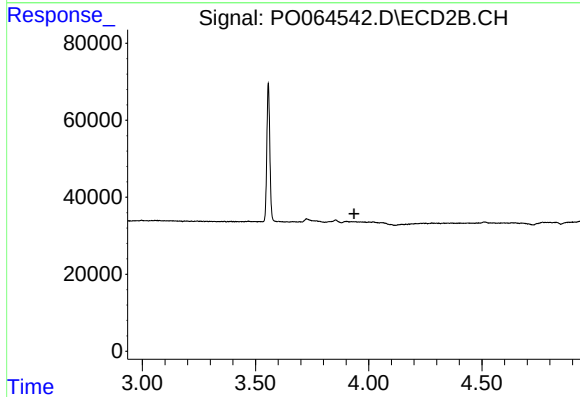
R.T.: 0.000 min
Exp R.T. : 3.935 min
Response: 0
Conc: N.D.



#11 AR-1232-1

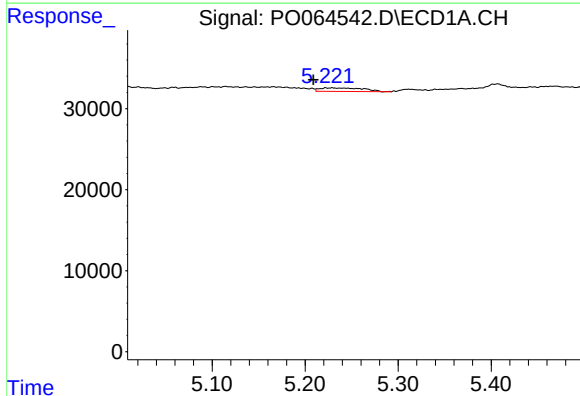
R.T.: 4.696 min
Delta R.T.: 0.011 min
Response: 12072
Conc: 9.42 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



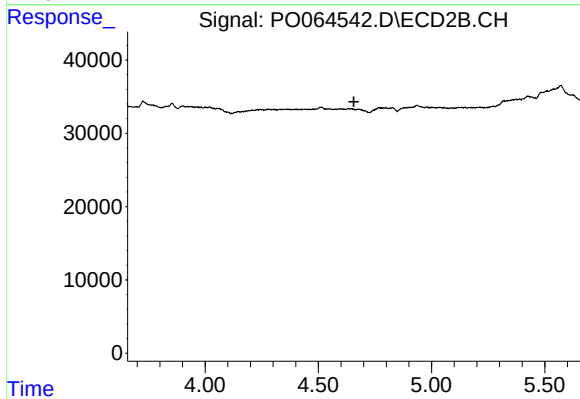
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 3.935 min
Response: 0
Conc: N.D.



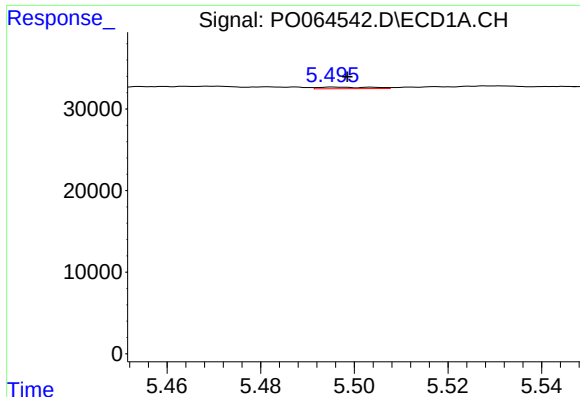
#12 AR-1232-2

R.T.: 5.229 min
Delta R.T.: 0.020 min
Response: 14104
Conc: 20.08 ng/ml



#12 AR-1232-2

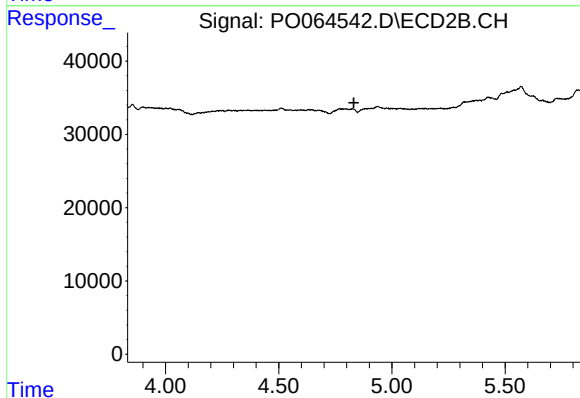
R.T.: 0.000 min
Exp R.T. : 4.657 min
Response: 0
Conc: N.D.



#13 AR-1232-3

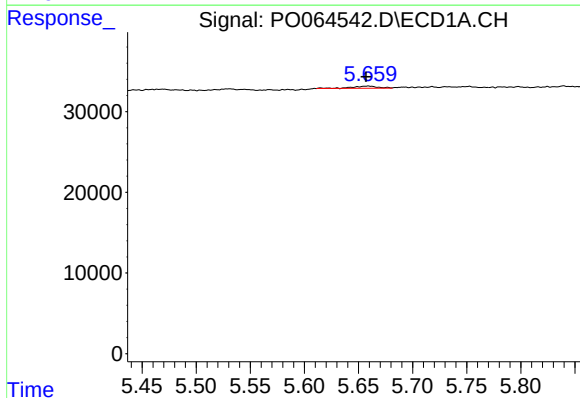
R.T.: 5.496 min
Delta R.T.: -0.003 min
Response: 1534
Conc: 1.11 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



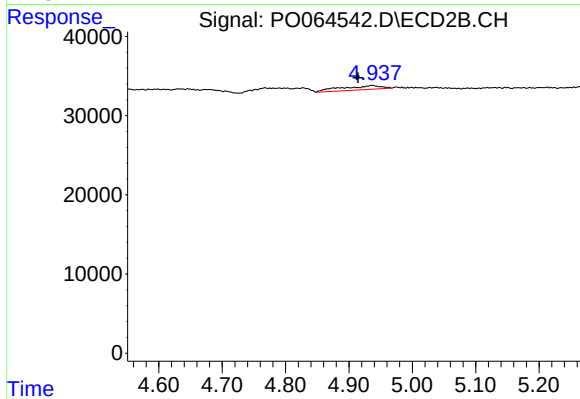
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 4.832 min
Response: 0
Conc: N.D.



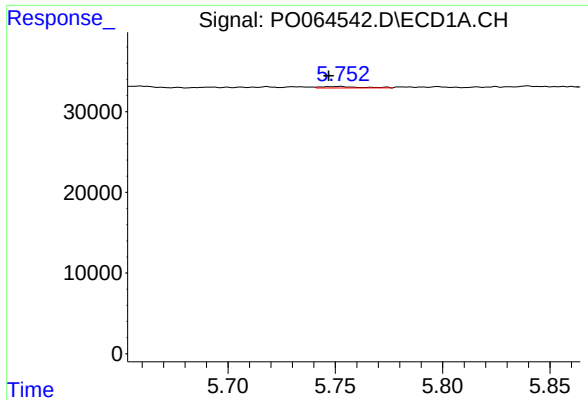
#14 AR-1232-4

R.T.: 5.659 min
Delta R.T.: 0.002 min
Response: 4770
Conc: 6.70 ng/ml



#14 AR-1232-4

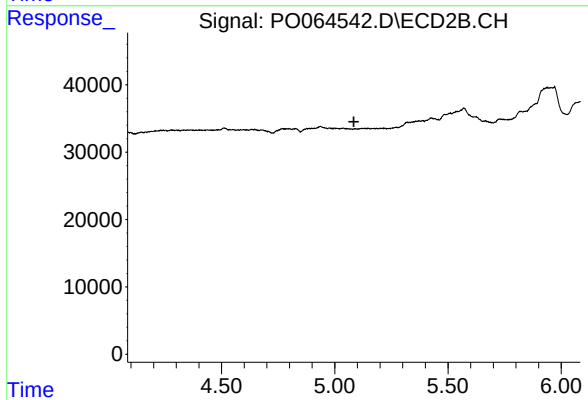
R.T.: 4.937 min
Delta R.T.: 0.022 min
Response: 22137
Conc: 41.70 ng/ml



#15 AR-1232-5

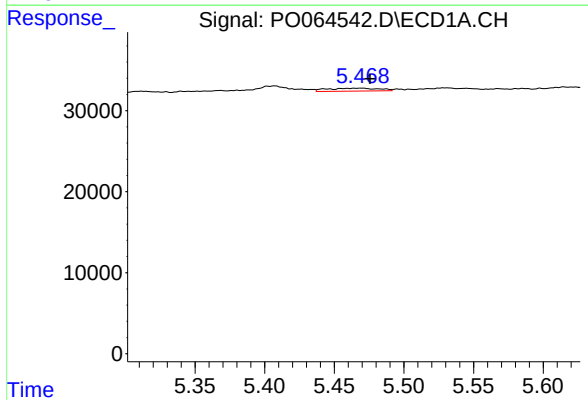
R.T.: 5.752 min
Delta R.T.: 0.005 min
Response: 2113
Conc: 3.75 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



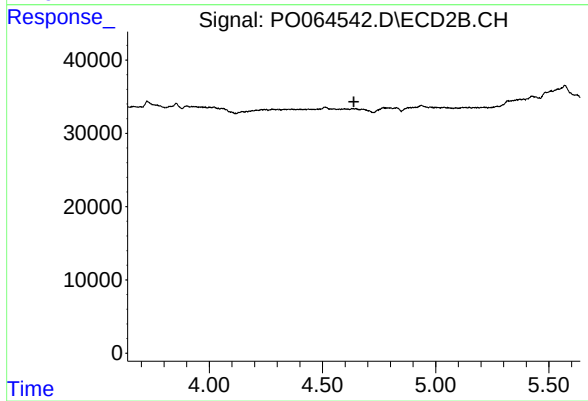
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 5.085 min
Response: 0
Conc: N.D.



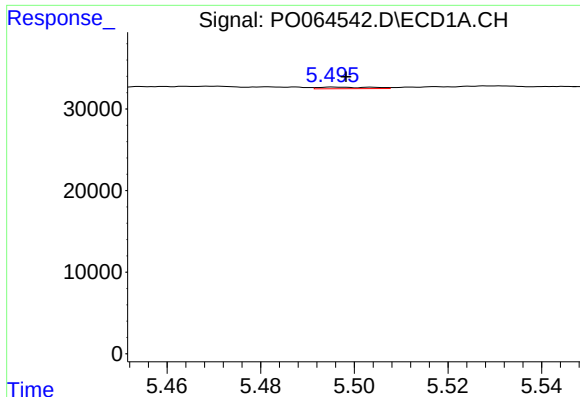
#16 AR-1242-1

R.T.: 5.470 min
Delta R.T.: -0.006 min
Response: 9338
Conc: 9.81 ng/ml



#16 AR-1242-1

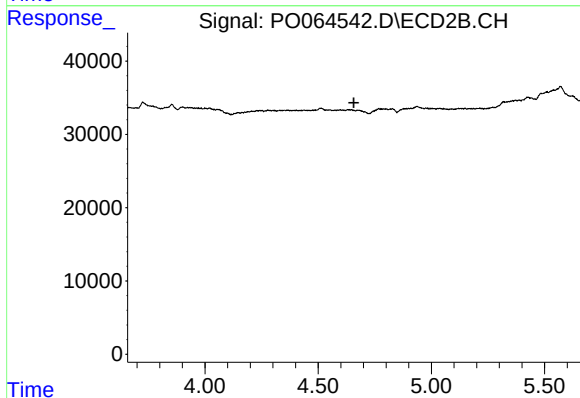
R.T.: 0.000 min
Exp R.T. : 4.639 min
Response: 0
Conc: N.D.



#17 AR-1242-2

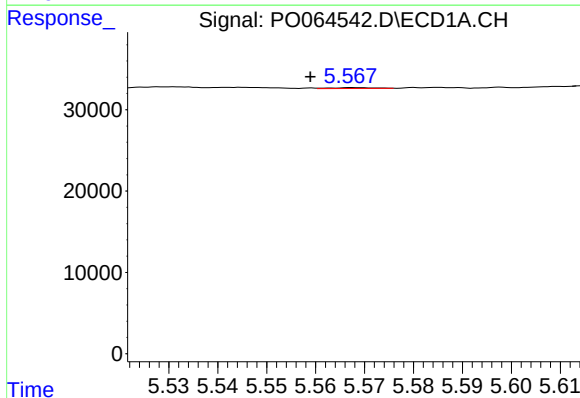
R.T.: 5.496 min
Delta R.T.: -0.002 min
Response: 1534
Conc: 1.14 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



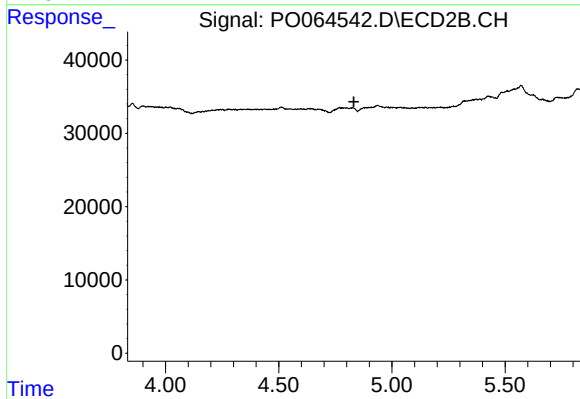
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 4.658 min
Response: 0
Conc: N.D.



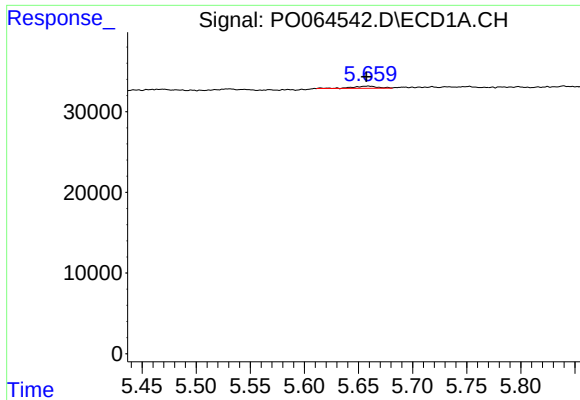
#18 AR-1242-3

R.T.: 5.568 min
Delta R.T.: 0.009 min
Response: 658
Conc: 0.77 ng/ml



#18 AR-1242-3

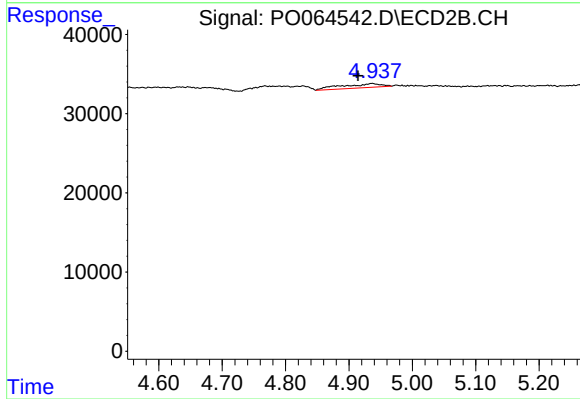
R.T.: 0.000 min
Exp R.T. : 4.832 min
Response: 0
Conc: N.D.



#19 AR-1242-4

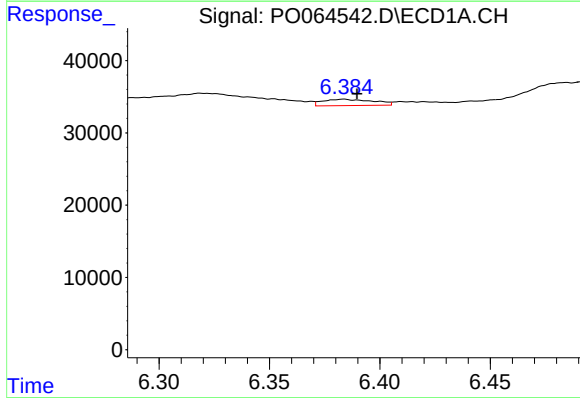
R.T.: 5.659 min
Delta R.T.: 0.002 min
Response: 4770
Conc: 6.82 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



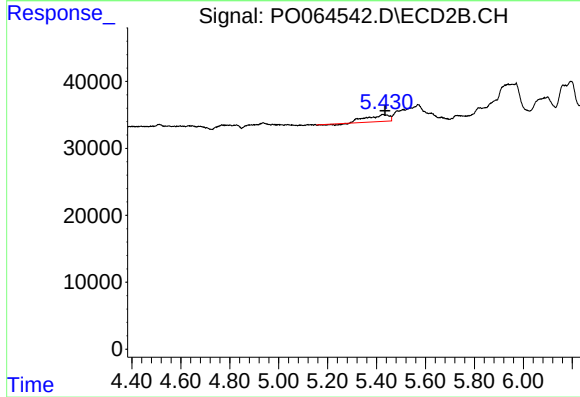
#19 AR-1242-4

R.T.: 4.937 min
Delta R.T.: 0.022 min
Response: 22137
Conc: 39.03 ng/ml



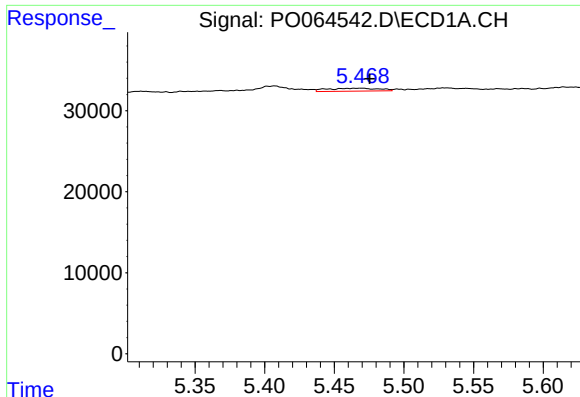
#20 AR-1242-5

R.T.: 6.384 min
Delta R.T.: -0.006 min
Response: 13986
Conc: 16.55 ng/ml



#20 AR-1242-5

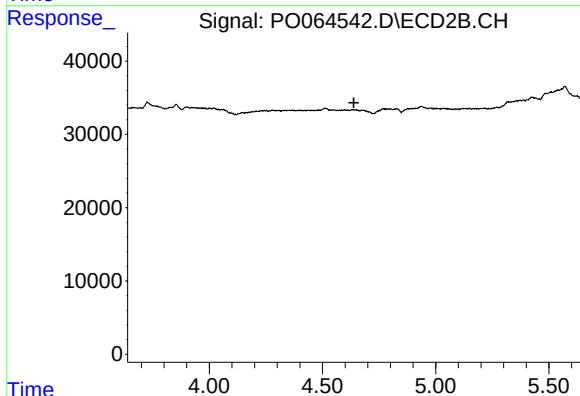
R.T.: 5.429 min
Delta R.T.: -0.005 min
Response: 60461
Conc: 77.04 ng/ml



#21 AR-1248-1

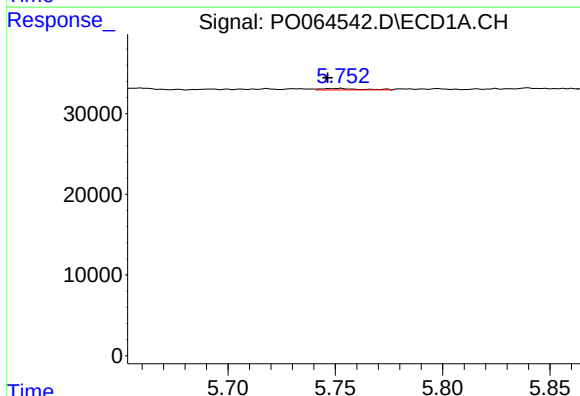
R.T.: 5.470 min
Delta R.T.: -0.006 min
Response: 9338
Conc: 16.65 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



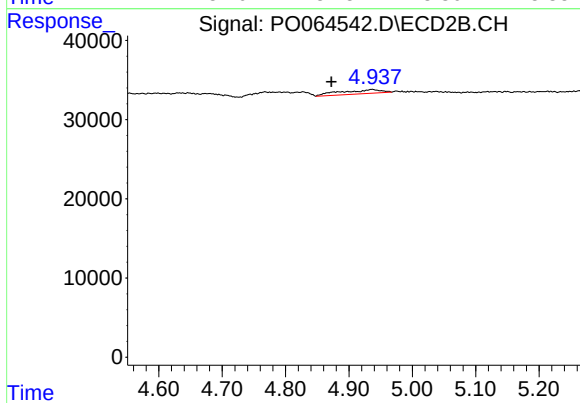
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 4.638 min
Response: 0
Conc: N.D.



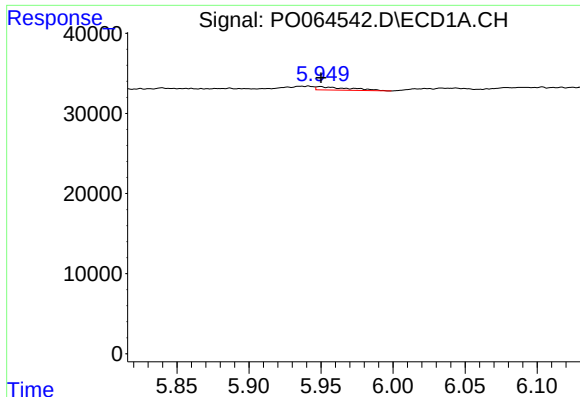
#22 AR-1248-2

R.T.: 5.752 min
Delta R.T.: 0.006 min
Response: 2113
Conc: 2.55 ng/ml



#22 AR-1248-2

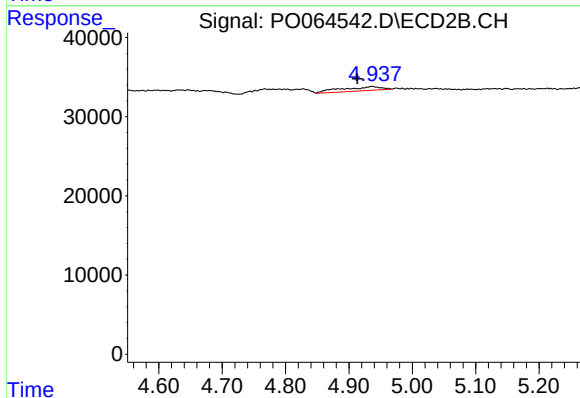
R.T.: 4.937 min
Delta R.T.: 0.064 min
Response: 22137
Conc: 35.20 ng/ml



#23 AR-1248-3

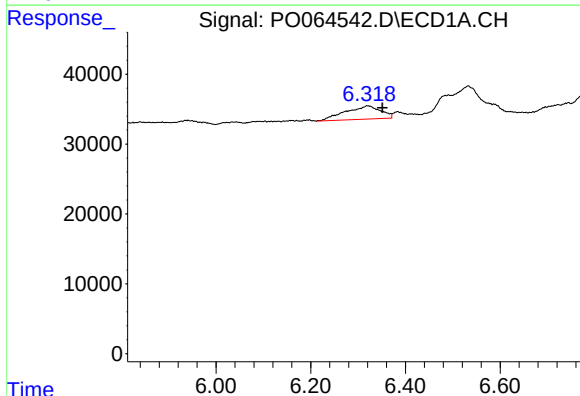
R.T.: 5.949 min
Delta R.T.: 0.000 min
Response: 6659
Conc: 7.24 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



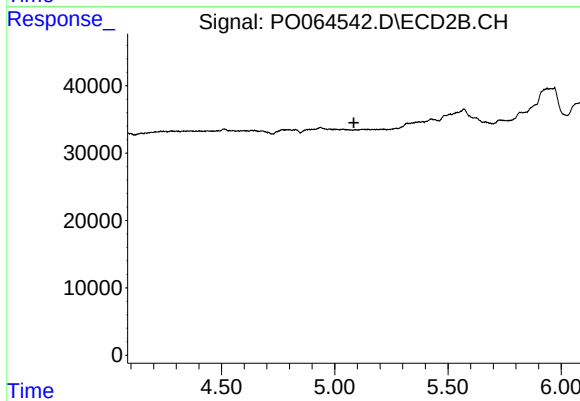
#23 AR-1248-3

R.T.: 4.937 min
Delta R.T.: 0.023 min
Response: 22137
Conc: 34.31 ng/ml



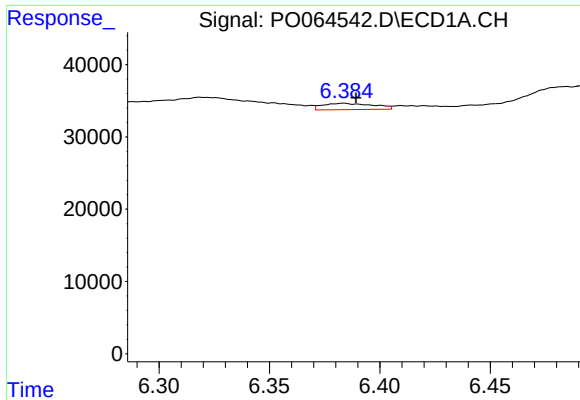
#24 AR-1248-4

R.T.: 6.319 min
Delta R.T.: -0.032 min
Response: 98880
Conc: 89.21 ng/ml



#24 AR-1248-4

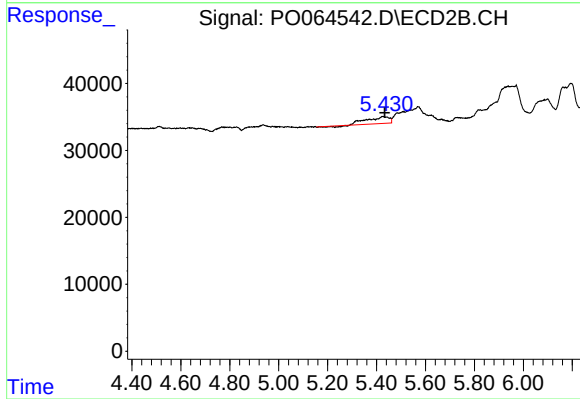
R.T.: 0.000 min
Exp R.T.: 5.085 min
Response: 0
Conc: N.D.



#25 AR-1248-5

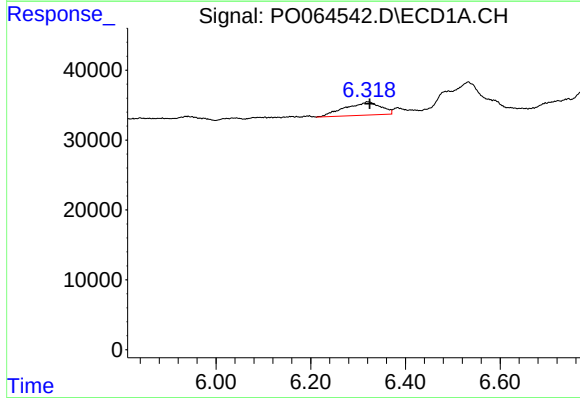
R.T.: 6.384 min
Delta R.T.: -0.006 min
Response: 13986
Conc: 13.03 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



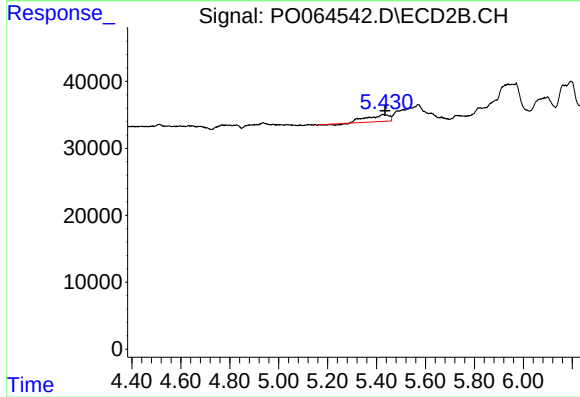
#25 AR-1248-5

R.T.: 5.429 min
Delta R.T.: -0.005 min
Response: 60461
Conc: 49.90 ng/ml



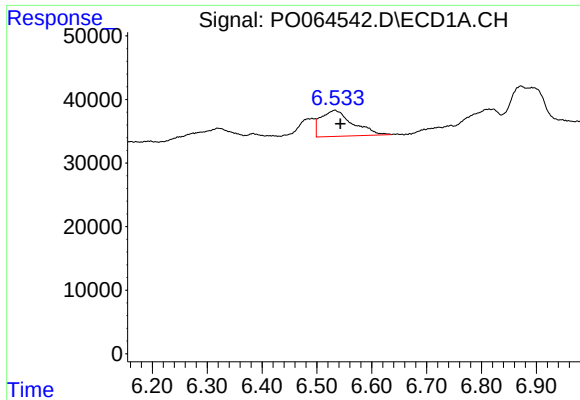
#26 AR-1254-1

R.T.: 6.319 min
Delta R.T.: -0.006 min
Response: 98880
Conc: 60.58 ng/ml



#26 AR-1254-1

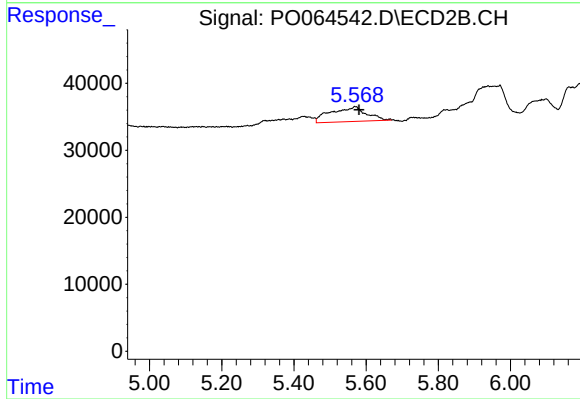
R.T.: 5.429 min
Delta R.T.: -0.006 min
Response: 60461
Conc: 30.76 ng/ml



#27 AR-1254-2

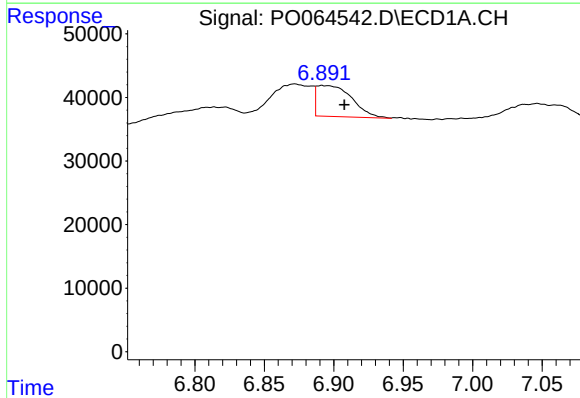
R.T.: 6.533 min
Delta R.T.: -0.010 min
Response: 164907
Conc: 63.26 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



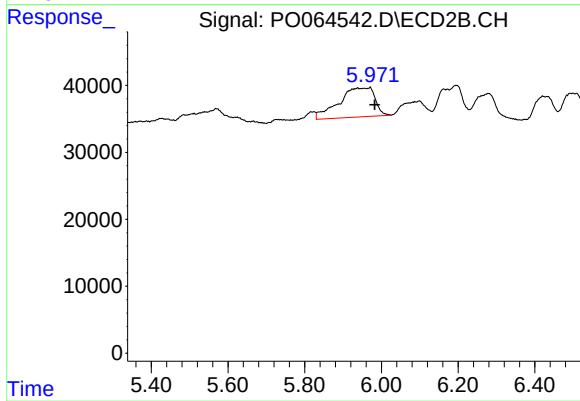
#27 AR-1254-2

R.T.: 5.568 min
Delta R.T.: -0.012 min
Response: 150802
Conc: 84.20 ng/ml



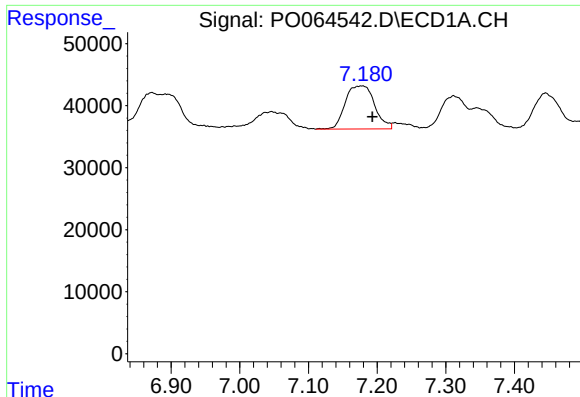
#28 AR-1254-3

R.T.: 6.892 min
Delta R.T.: -0.016 min
Response: 85433
Conc: 29.60 ng/ml



#28 AR-1254-3

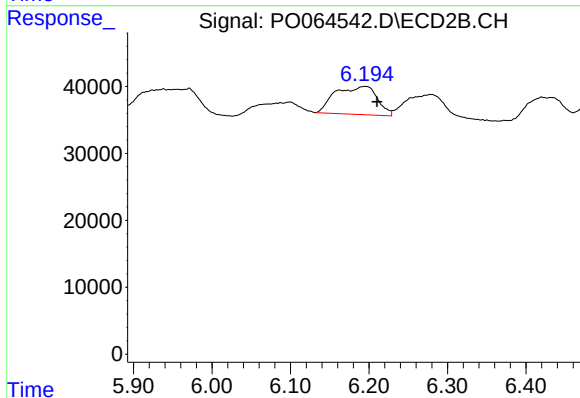
R.T.: 5.971 min
Delta R.T.: -0.012 min
Response: 285735
Conc: 92.33 ng/ml



#29 AR-1254-4

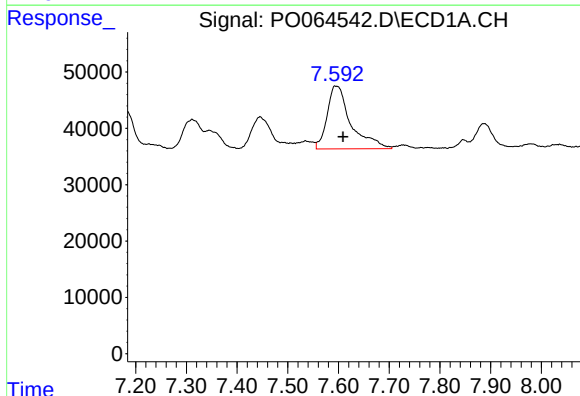
R.T.: 7.178 min
Delta R.T.: -0.015 min
Response: 205590
Conc: 89.77 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



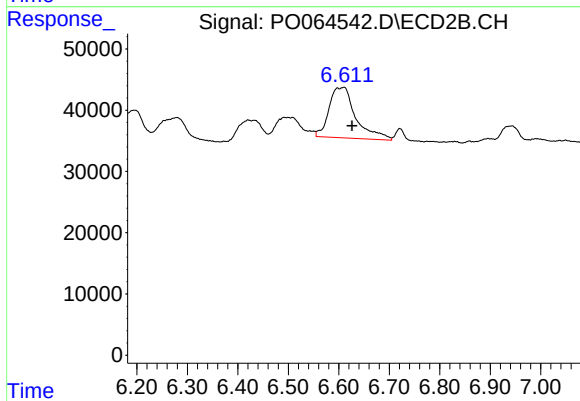
#29 AR-1254-4

R.T.: 6.195 min
Delta R.T.: -0.015 min
Response: 155942
Conc: 75.58 ng/ml



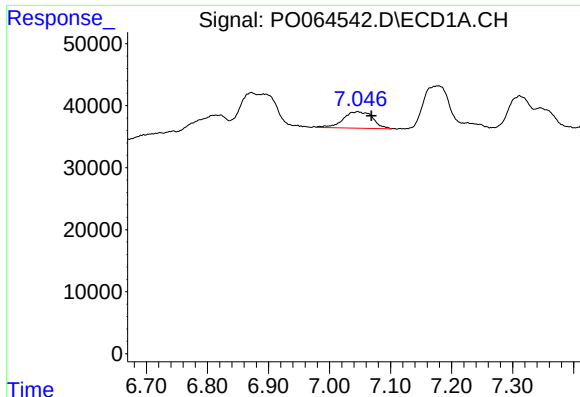
#30 AR-1254-5

R.T.: 7.593 min
Delta R.T.: -0.016 min
Response: 363401
Conc: 142.22 ng/ml



#30 AR-1254-5

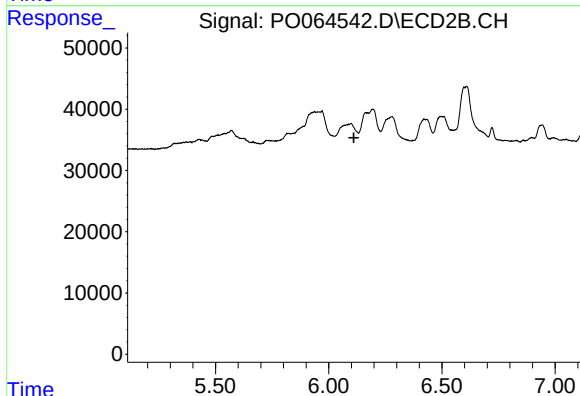
R.T.: 6.610 min
Delta R.T.: -0.016 min
Response: 304311
Conc: 100.89 ng/ml



#31 AR-1260-1

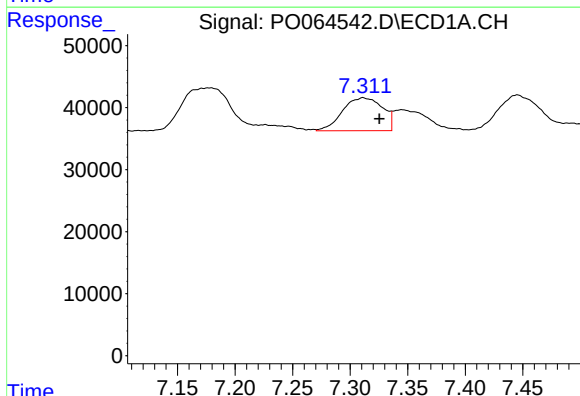
R.T.: 7.046 min
Delta R.T.: -0.022 min
Response: 90029
Conc: 47.71 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



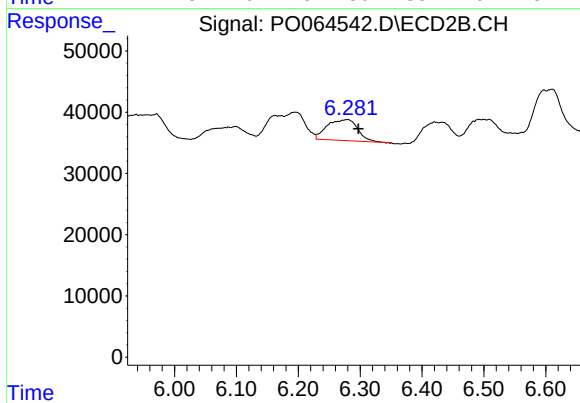
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T. : 6.111 min
Response: 0
Conc: N.D.



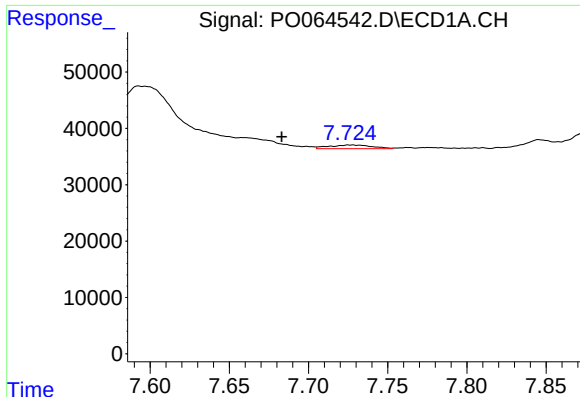
#32 AR-1260-2

R.T.: 7.311 min
Delta R.T.: -0.014 min
Response: 129002
Conc: 55.16 ng/ml



#32 AR-1260-2

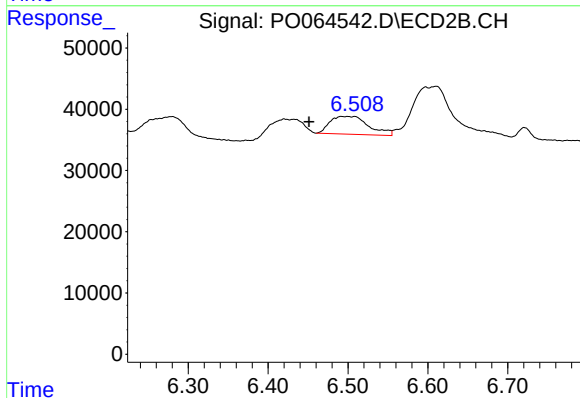
R.T.: 6.280 min
Delta R.T.: -0.018 min
Response: 116551
Conc: 52.39 ng/ml



#33 AR-1260-3

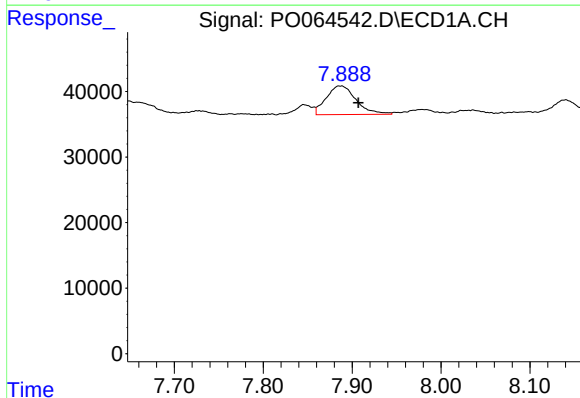
R.T.: 7.727 min
Delta R.T.: 0.043 min
Response: 12198
Conc: 6.59 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



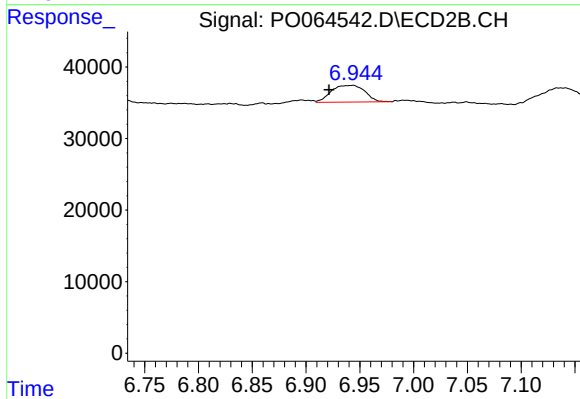
#33 AR-1260-3

R.T.: 6.500 min
Delta R.T.: 0.049 min
Response: 98108
Conc: 48.25 ng/ml



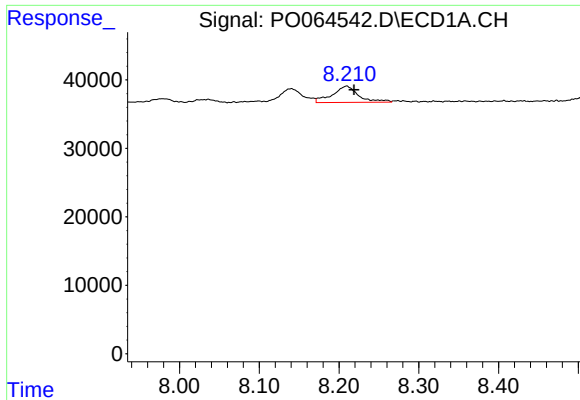
#34 AR-1260-4

R.T.: 7.887 min
Delta R.T.: -0.020 min
Response: 101962
Conc: 46.52 ng/ml



#34 AR-1260-4

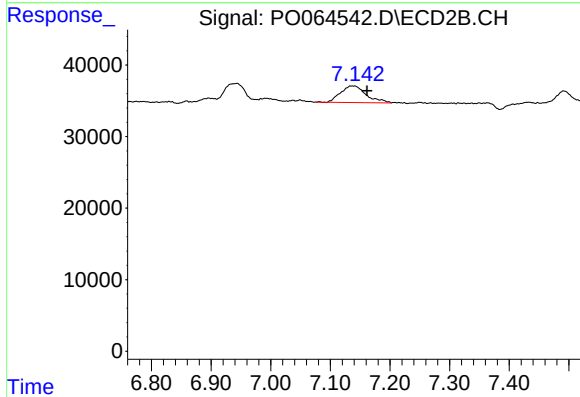
R.T.: 6.944 min
Delta R.T.: 0.022 min
Response: 51060
Conc: 27.53 ng/ml



#35 AR-1260-5

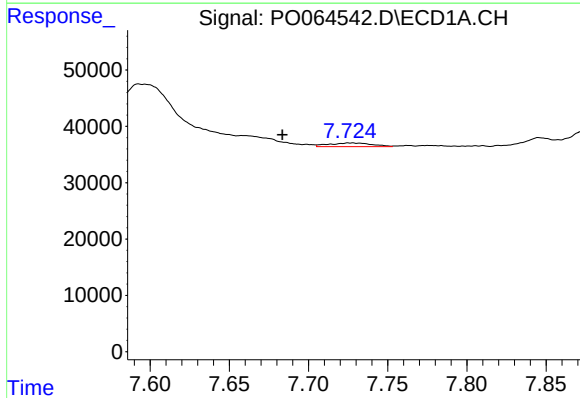
R.T.: 8.210 min
Delta R.T.: -0.009 min
Response: 54762
Conc: 12.40 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



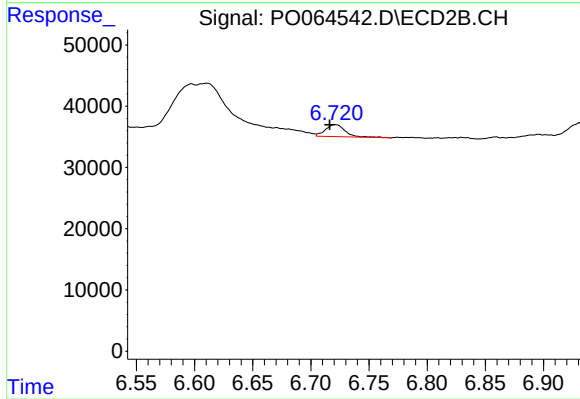
#35 AR-1260-5

R.T.: 7.140 min
Delta R.T.: -0.021 min
Response: 68783
Conc: 14.21 ng/ml



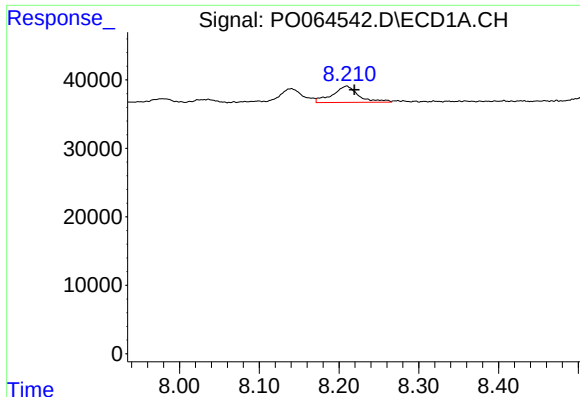
#36 AR-1262-1

R.T.: 7.727 min
Delta R.T.: 0.043 min
Response: 12198
Conc: 4.09 ng/ml



#36 AR-1262-1

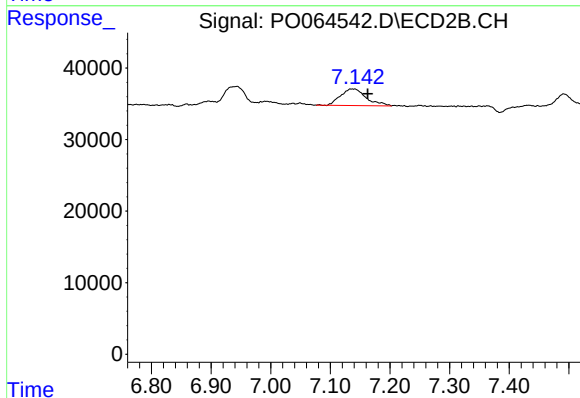
R.T.: 6.721 min
Delta R.T.: 0.005 min
Response: 23736
Conc: 18.89 ng/ml



#37 AR-1262-2

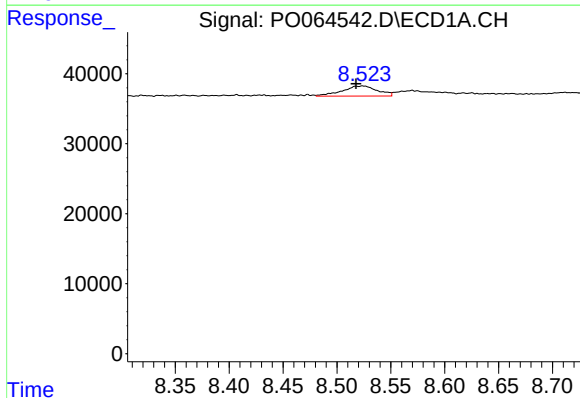
R.T.: 8.210 min
Delta R.T.: -0.010 min
Response: 54762
Conc: 9.93 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



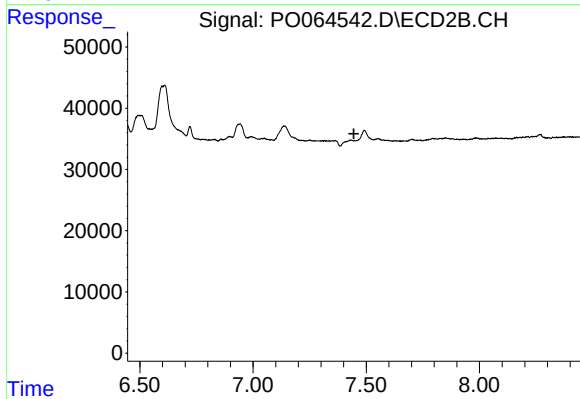
#37 AR-1262-2

R.T.: 7.140 min
Delta R.T.: -0.022 min
Response: 68783
Conc: 11.53 ng/ml



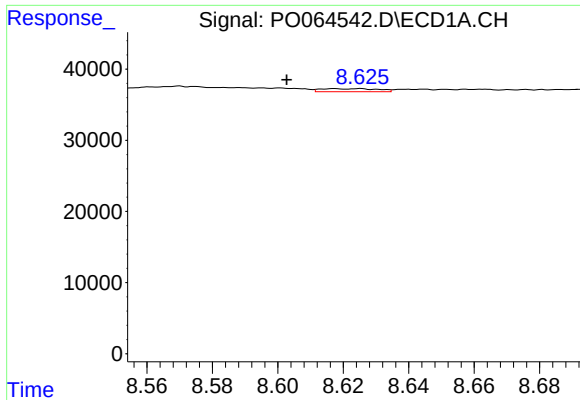
#38 AR-1262-3

R.T.: 8.524 min
Delta R.T.: 0.007 min
Response: 33041
Conc: 8.54 ng/ml



#38 AR-1262-3

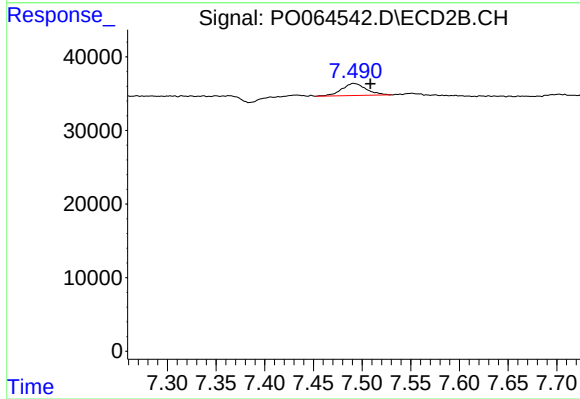
R.T.: 7.432 min
Delta R.T.: -0.013 min
Response: -8875
Conc: N.D.



#39 AR-1262-4

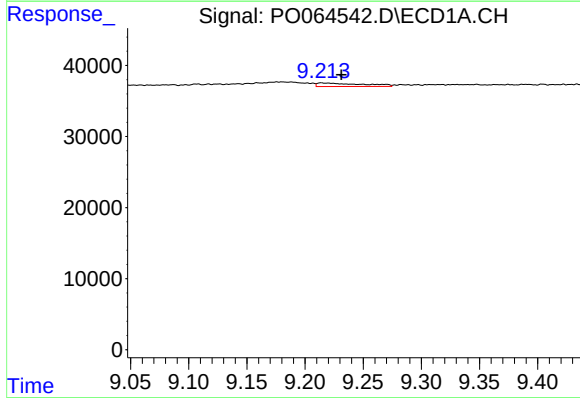
R.T.: 8.617 min
Delta R.T.: 0.015 min
Response: 5321
Conc: 1.82 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



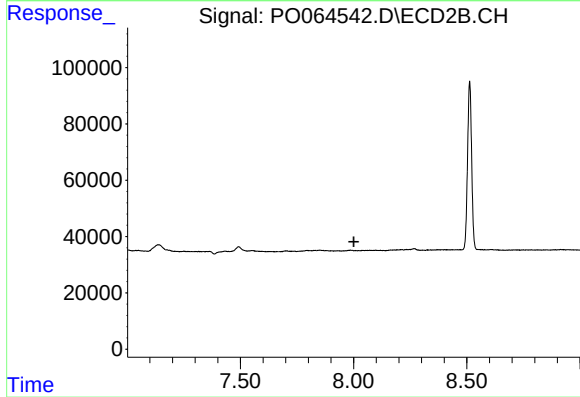
#39 AR-1262-4

R.T.: 7.492 min
Delta R.T.: -0.017 min
Response: 28693
Conc: 6.44 ng/ml



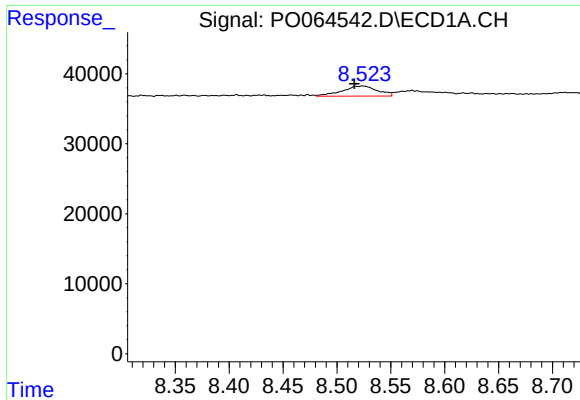
#40 AR-1262-5

R.T.: 9.214 min
Delta R.T.: -0.017 min
Response: 13658
Conc: 6.51 ng/ml



#40 AR-1262-5

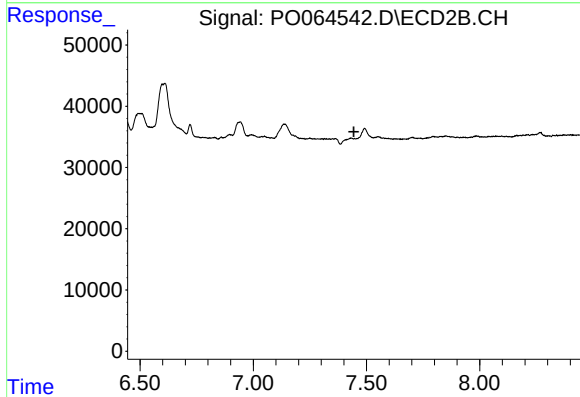
R.T.: 0.000 min
Exp R.T.: 8.001 min
Response: 0
Conc: N.D.



#41 AR-1268-1

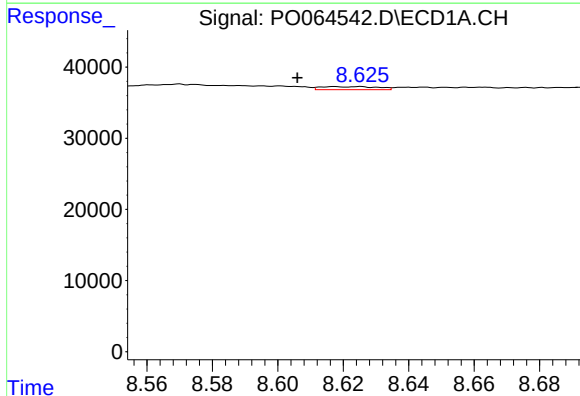
R.T.: 8.524 min
Delta R.T.: 0.008 min
Response: 33041
Conc: 5.07 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



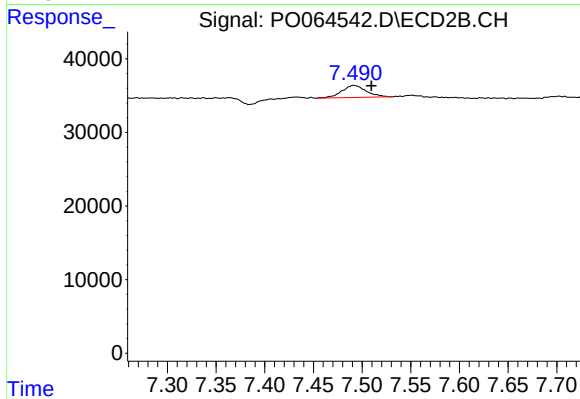
#41 AR-1268-1

R.T.: 7.432 min
Delta R.T.: -0.012 min
Response: -8875
Conc: N.D.



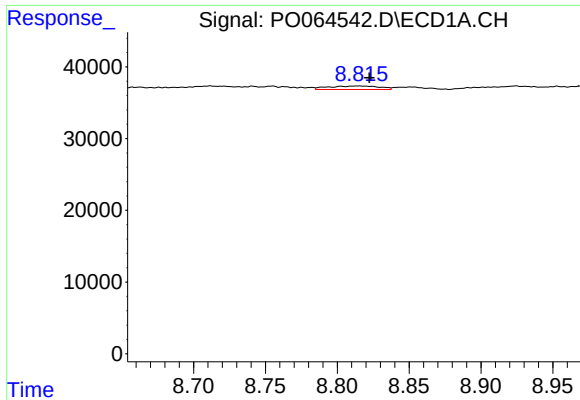
#42 AR-1268-2

R.T.: 8.617 min
Delta R.T.: 0.011 min
Response: 5321
Conc: 0.88 ng/ml



#42 AR-1268-2

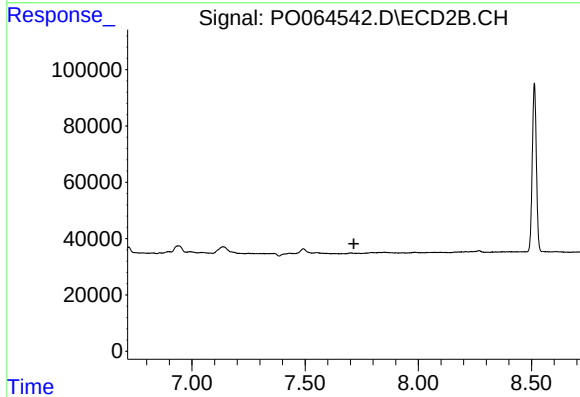
R.T.: 7.492 min
Delta R.T.: -0.018 min
Response: 28693
Conc: 4.48 ng/ml



#43 AR-1268-3

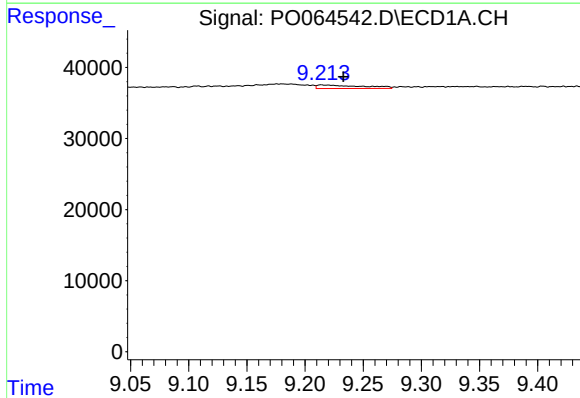
R.T.: 8.815 min
Delta R.T.: -0.008 min
Response: 12061
Conc: 2.43 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



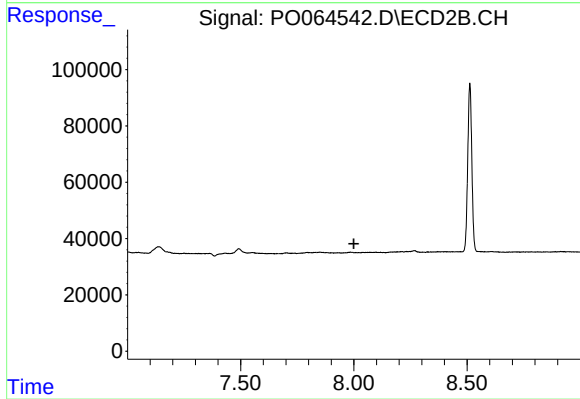
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 7.715 min
Response: 0
Conc: N.D.



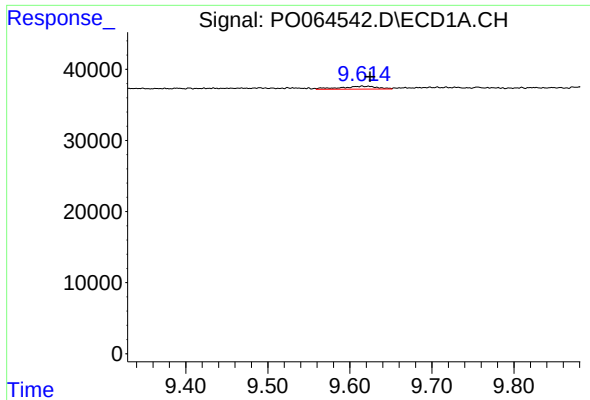
#44 AR-1268-4

R.T.: 9.214 min
Delta R.T.: -0.019 min
Response: 13658
Conc: 5.84 ng/ml



#44 AR-1268-4

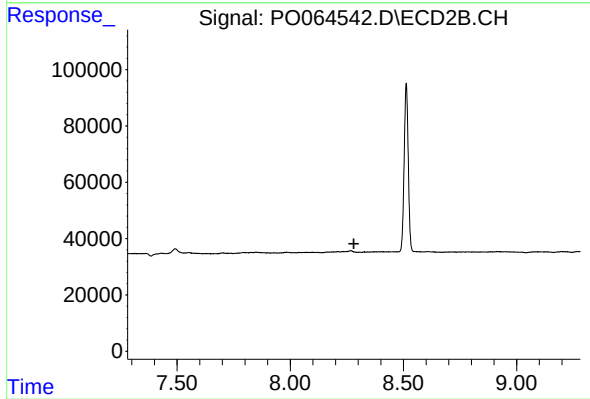
R.T.: 0.000 min
Exp R.T. : 8.001 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.615 min
Delta R.T.: -0.009 min
Response: 12220
Conc: 0.80 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 8.281 min
Response: 0
Conc: N.D.