

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO121019\
 Data File : PO064492.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 10 Dec 2019 10:54
 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 10 11:14:32 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	3.562	570266	484740	19.256	20.380
2)	SA Decachlor...	9.940	8.520	808243	838663	19.721	20.530
Target Compounds							
3)	L1 AR-1016-1	5.450	0.000	3240	0	2.496	N.D. #
4)	L1 AR-1016-2	5.501	0.000	6086	0	3.338	N.D. #
5)	L1 AR-1016-3	5.550	0.000	6161	0	5.368	N.D. #
6)	L1 AR-1016-4	5.660	0.000	1631	0	1.735	N.D. #
7)	L1 AR-1016-5	5.975	0.000	10641	0	10.935	N.D. #
8)	L2 AR-1221-1	4.513	0.000	1006	0	2.830	N.D. #
9)	L2 AR-1221-2	4.618	0.000	13653	0	49.379	N.D. #
10)	L2 AR-1221-3	4.687	0.000	4835	0	5.758	N.D. #
11)	L3 AR-1232-1	4.687	0.000	4835	0	3.771	N.D. #
12)	L3 AR-1232-2	5.194	0.000	13620	0	19.387	N.D. #
13)	L3 AR-1232-3	5.501	0.000	6086	0	4.395	N.D. #
14)	L3 AR-1232-4	5.660	0.000	1631	0	2.293	N.D. #
15)	L3 AR-1232-5	5.793	0.000	11526	0	20.465	N.D. #
16)	L4 AR-1242-1	5.501	0.000	6086	0	6.391	N.D. #
17)	L4 AR-1242-2	5.501	0.000	6086	0	4.506	N.D. #
18)	L4 AR-1242-3	5.550	0.000	6161	0	7.180	N.D. #
19)	L4 AR-1242-4	5.660	0.000	1631	0	2.333	N.D. #
20)	L4 AR-1242-5	6.364	5.458	4652	12067	5.507	15.376 #
21)	L5 AR-1248-1	5.501	0.000	6086	0	10.850	N.D. #
22)	L5 AR-1248-2	5.793	0.000	11526	0	13.909	N.D. #
23)	L5 AR-1248-3	5.975	0.000	10641	0	11.568	N.D. #
24)	L5 AR-1248-4	6.364	0.000	4652	0	4.197	N.D. #
25)	L5 AR-1248-5	6.364	5.458	4652	12067	4.336	9.960 #
26)	L6 AR-1254-1	6.326	5.458	22859	12067	14.006	6.140 #
27)	L6 AR-1254-2	6.558	0.000	7437	0	2.853	N.D. #
28)	L6 AR-1254-3	6.916	0.000	11655	0	4.038	N.D. #
30)	L6 AR-1254-5	7.642	0.000	11343	0	4.439	N.D. #
31)	L7 AR-1260-1	7.089	0.000	1254	0	0.664	N.D. #
32)	L7 AR-1260-2	7.355	0.000	6277	0	2.684	N.D. #
33)	L7 AR-1260-3	7.689	0.000	3635	0	1.963	N.D. #
34)	L7 AR-1260-4	7.890	0.000	28398	0	12.958	N.D. #
35)	L7 AR-1260-5	8.158	0.000	13372	0	3.029	N.D. #
36)	L8 AR-1262-1	7.689	0.000	3635	0	1.217	N.D. #
37)	L8 AR-1262-2	8.158	0.000	13372	0	2.425	N.D. #
38)	L8 AR-1262-3	8.532	0.000	6174	0	1.596	N.D. #
39)	L8 AR-1262-4	8.574	0.000	7309	0	2.500	N.D. #
40)	L8 AR-1262-5	9.224	0.000	40367	0	19.233	N.D. #
41)	L9 AR-1268-1	8.532	0.000	6174	0	0.947	N.D. #
42)	L9 AR-1268-2	8.574	0.000	7309	0	1.210	N.D. #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO121019\
 Data File : PO064492.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 10 Dec 2019 10:54
 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 10 11:14:32 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	
43)	L9 AR-1268-3	8.815	0.000	17703	0	3.566	N.D.	#
44)	L9 AR-1268-4	9.224	0.000	40367	0	17.253	N.D.	#
45)	L9 AR-1268-5	9.625	0.000	17762	0	1.156	N.D.	#

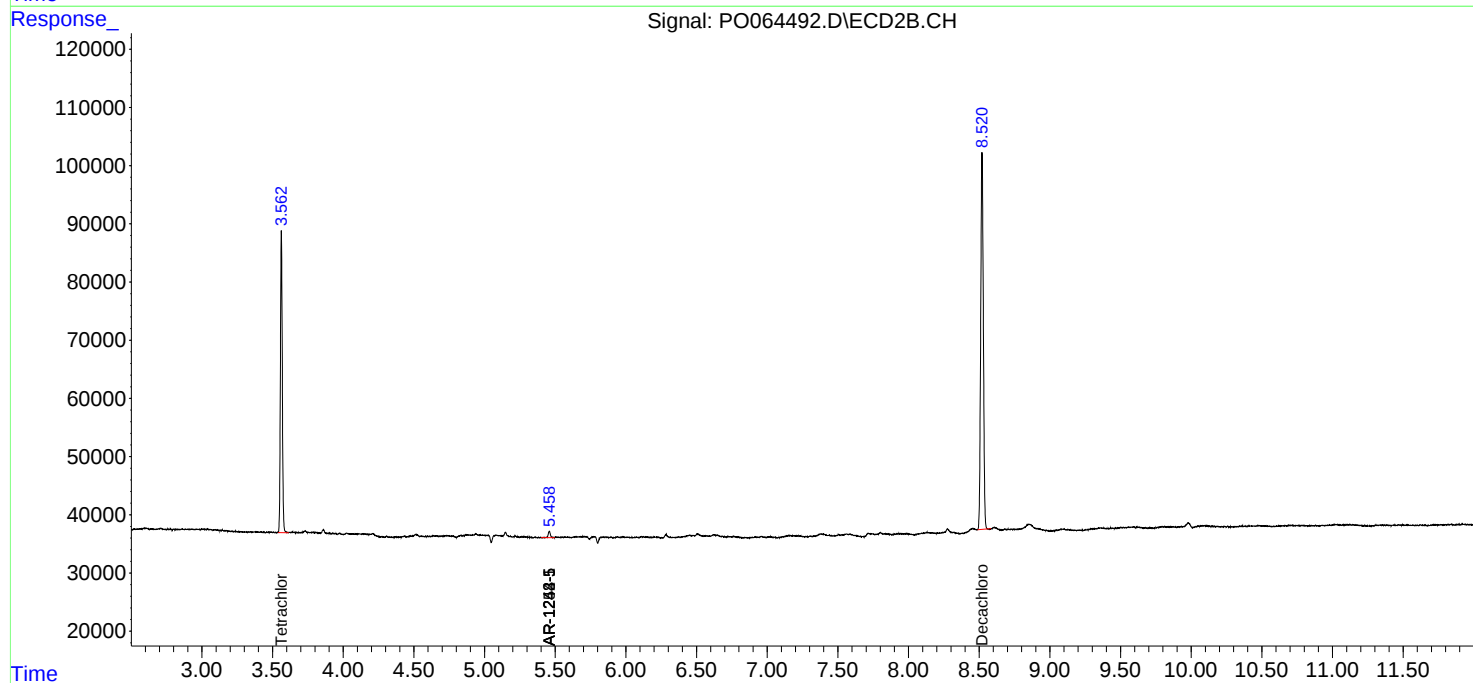
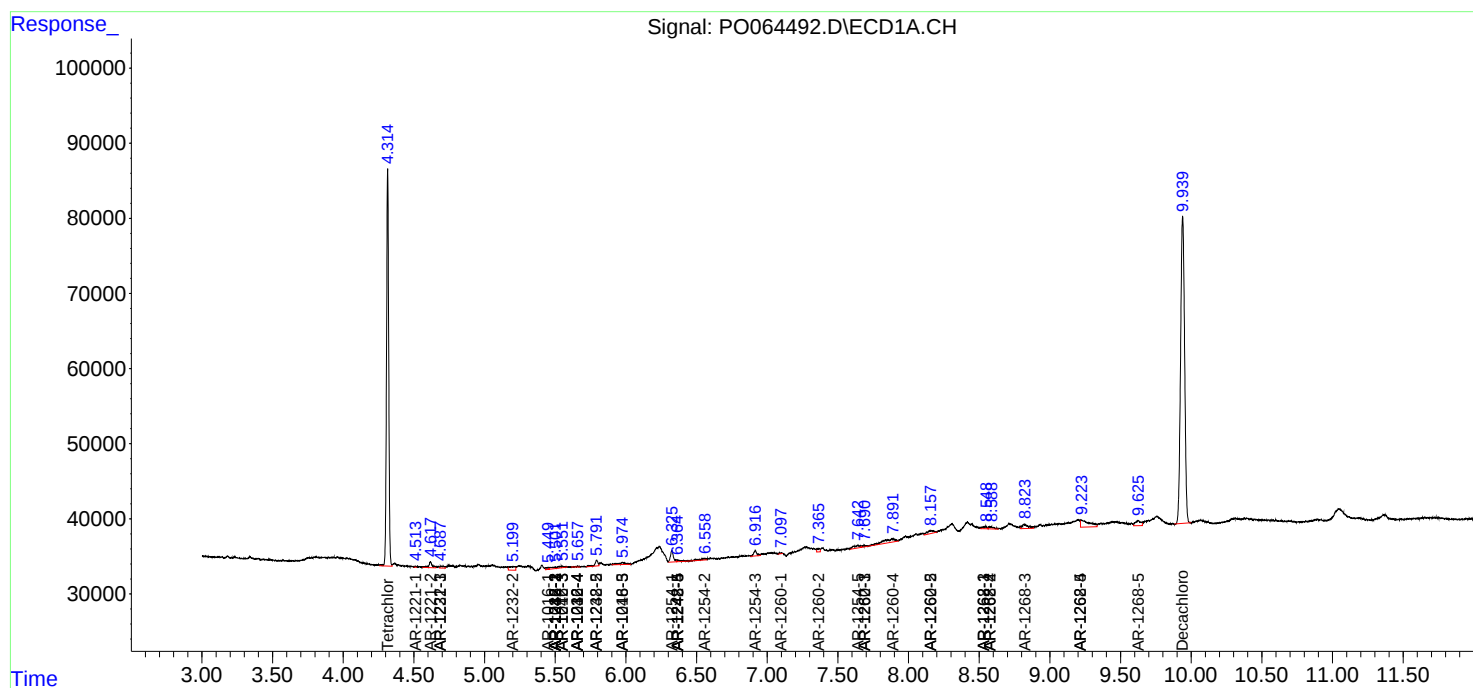
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

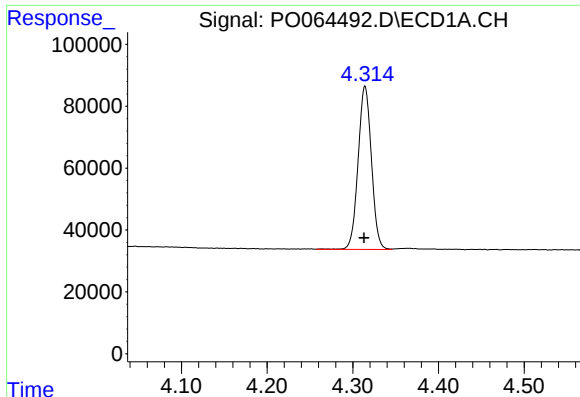
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO121019\
Data File : PO064492.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 10 Dec 2019 10:54
Operator : SM/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampled :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 10 11:14:32 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

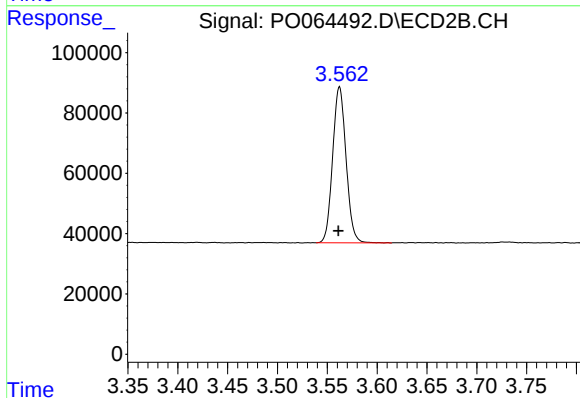




#1 Tetrachloro-m-xylene

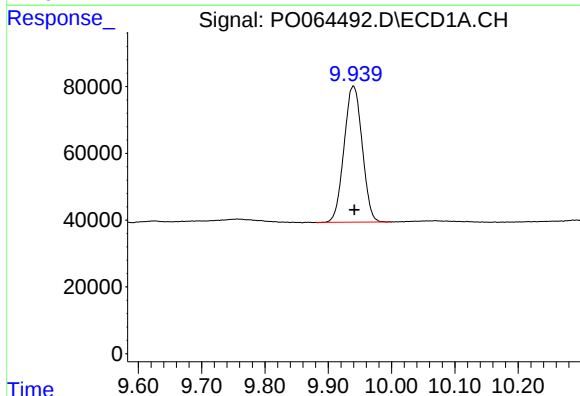
R.T.: 4.314 min
Delta R.T.: 0.001 min
Response: 570266
Conc: 19.26 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



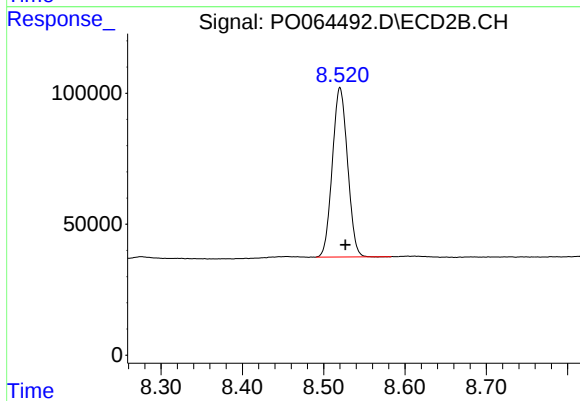
#1 Tetrachloro-m-xylene

R.T.: 3.562 min
Delta R.T.: 0.000 min
Response: 484740
Conc: 20.38 ng/ml



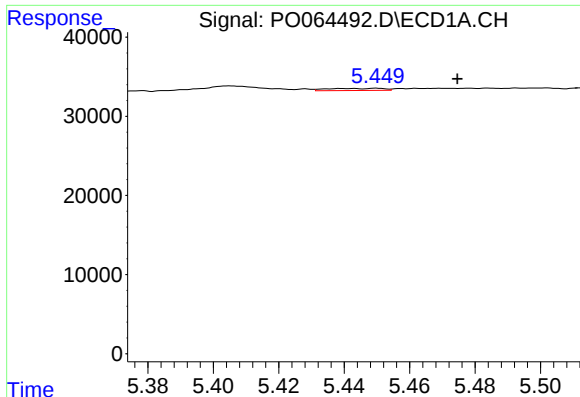
#2 Decachlorobiphenyl

R.T.: 9.940 min
Delta R.T.: -0.002 min
Response: 808243
Conc: 19.72 ng/ml



#2 Decachlorobiphenyl

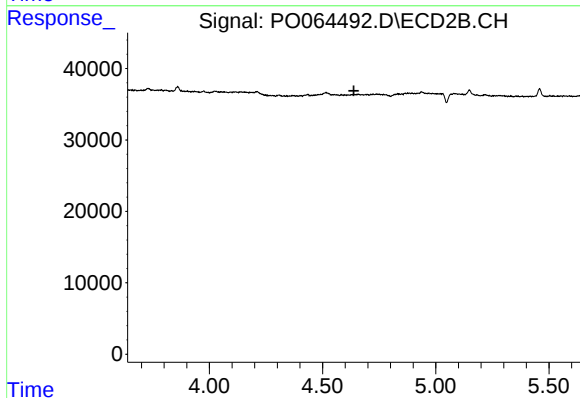
R.T.: 8.520 min
Delta R.T.: -0.007 min
Response: 838663
Conc: 20.53 ng/ml



#3 AR-1016-1

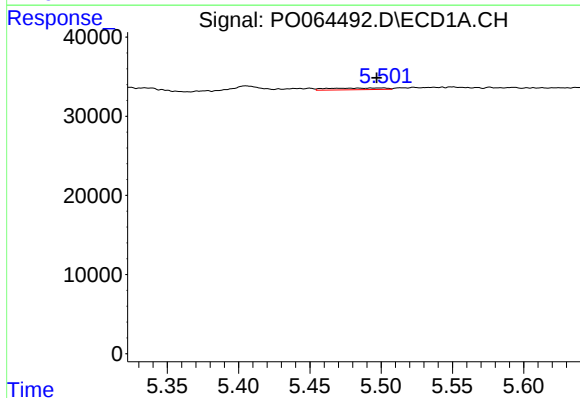
R.T.: 5.450 min
Delta R.T.: -0.025 min
Response: 3240
Conc: 2.50 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



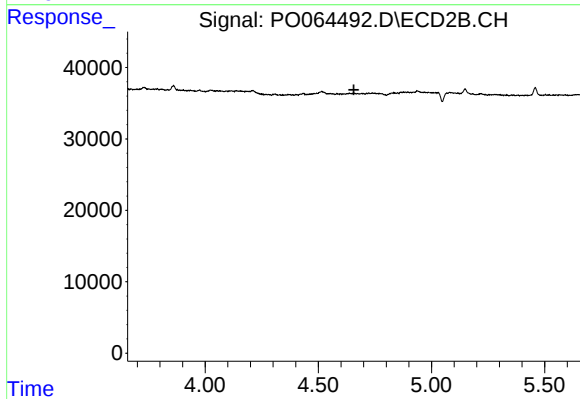
#3 AR-1016-1

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



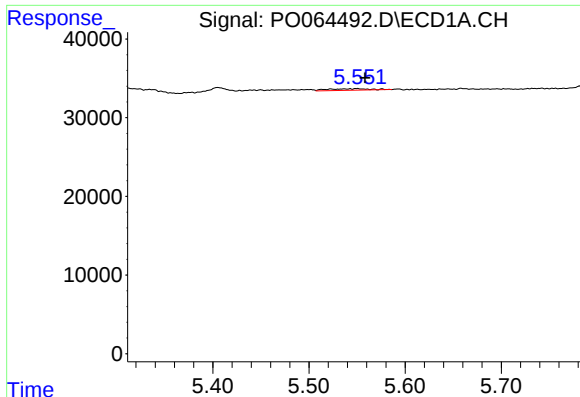
#4 AR-1016-2

R.T.: 5.501 min
Delta R.T.: 0.004 min
Response: 6086
Conc: 3.34 ng/ml



#4 AR-1016-2

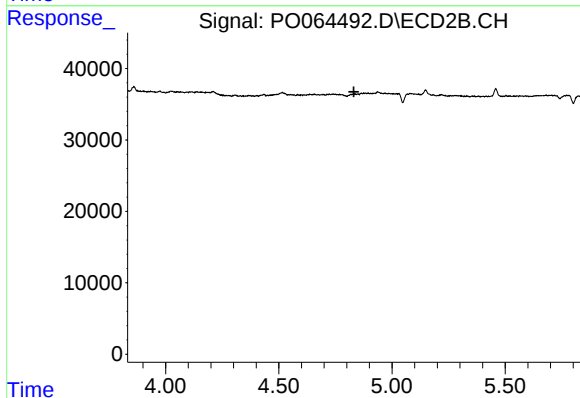
R.T.: 0.000 min
Exp R.T. : 4.657 min
Response: 0
Conc: N.D.



#5 AR-1016-3

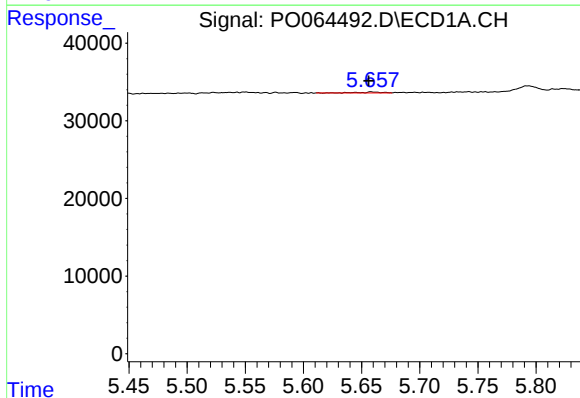
R.T.: 5.550 min
Delta R.T.: -0.008 min
Response: 6161
Conc: 5.37 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



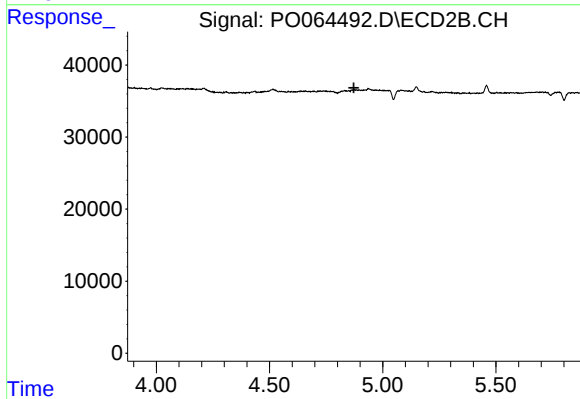
#5 AR-1016-3

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



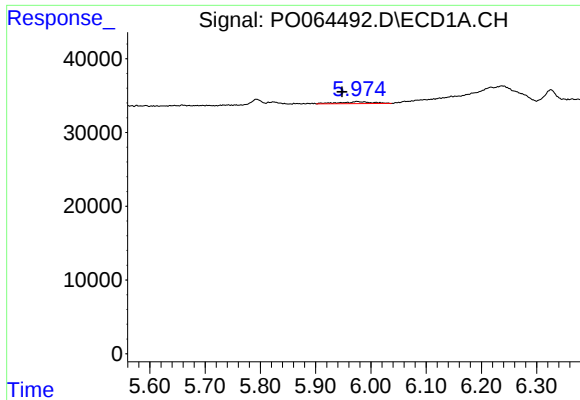
#6 AR-1016-4

R.T.: 5.660 min
Delta R.T.: 0.004 min
Response: 1631
Conc: 1.73 ng/ml



#6 AR-1016-4

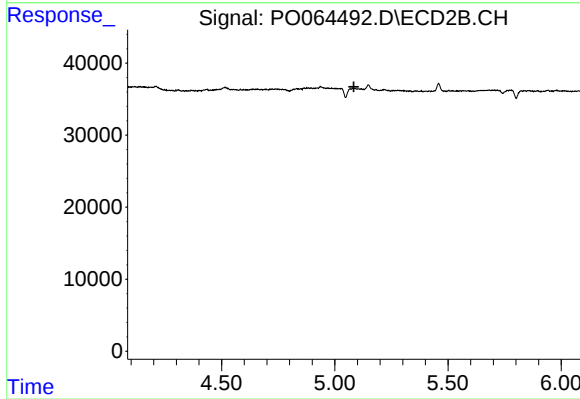
R.T.: 0.000 min
Exp R.T. : 4.872 min
Response: 0
Conc: N.D.



#7 AR-1016-5

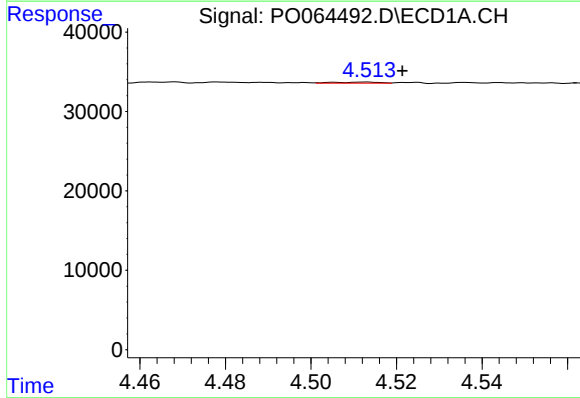
R.T.: 5.975 min
Delta R.T.: 0.027 min
Response: 10641
Conc: 10.93 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



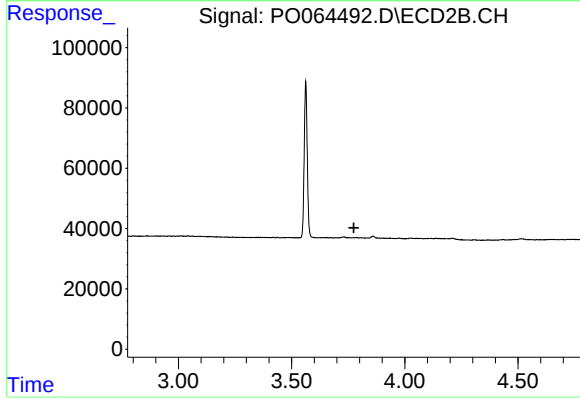
#7 AR-1016-5

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



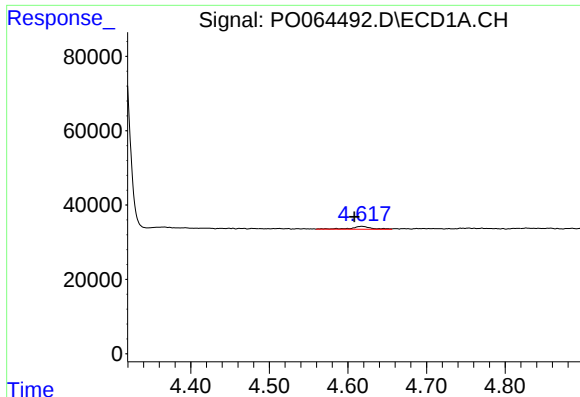
#8 AR-1221-1

R.T.: 4.513 min
Delta R.T.: -0.009 min
Response: 1006
Conc: 2.83 ng/ml



#8 AR-1221-1

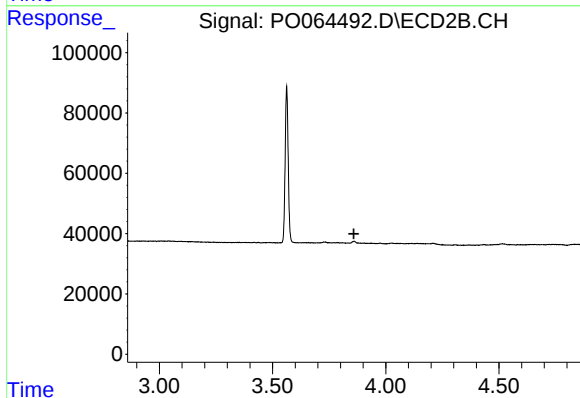
R.T.: 0.000 min
Exp R.T. : 3.775 min
Response: 0
Conc: N.D.



#9 AR-1221-2

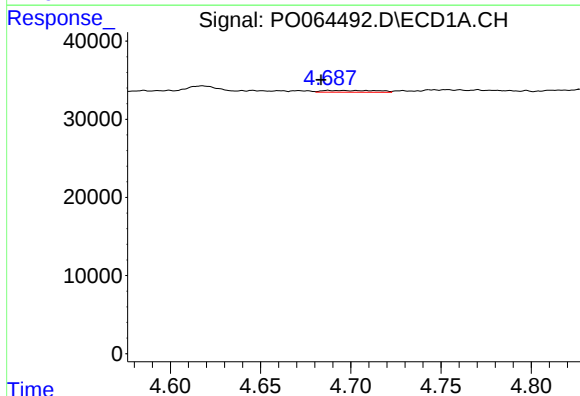
R.T.: 4.618 min
Delta R.T.: 0.010 min
Response: 13653
Conc: 49.38 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



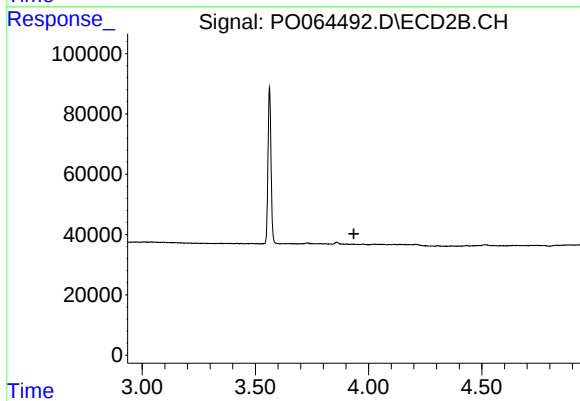
#9 AR-1221-2

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



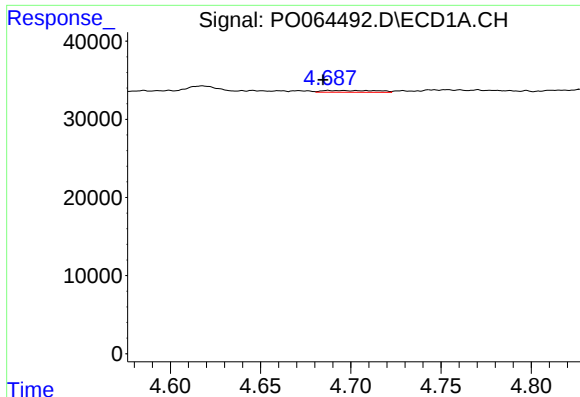
#10 AR-1221-3

R.T.: 4.687 min
Delta R.T.: 0.004 min
Response: 4835
Conc: 5.76 ng/ml



#10 AR-1221-3

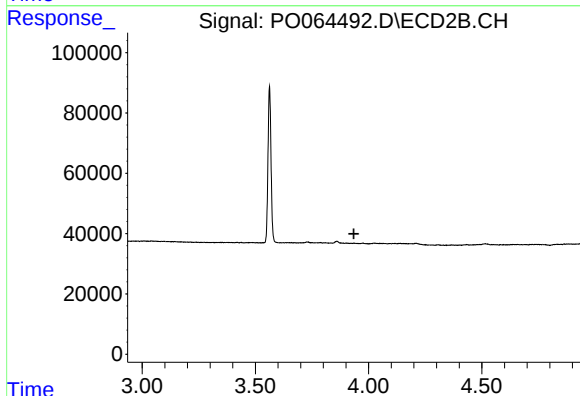
R.T.: 0.000 min
Exp R.T. : 3.935 min
Response: 0
Conc: N.D.



#11 AR-1232-1

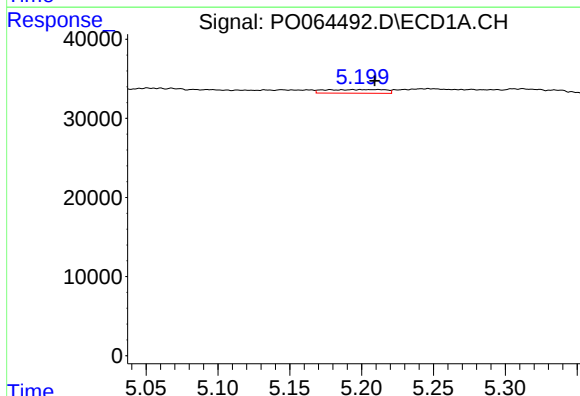
R.T.: 4.687 min
Delta R.T.: 0.003 min
Response: 4835
Conc: 3.77 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



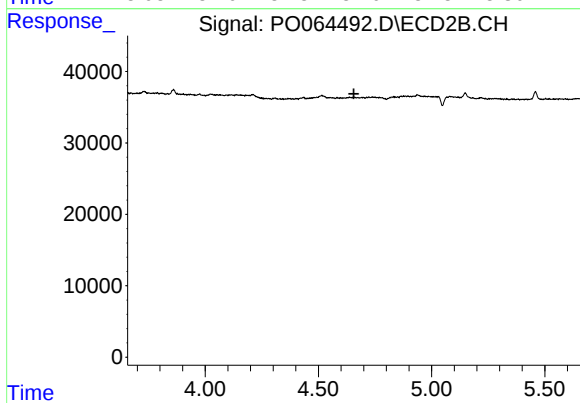
#11 AR-1232-1

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



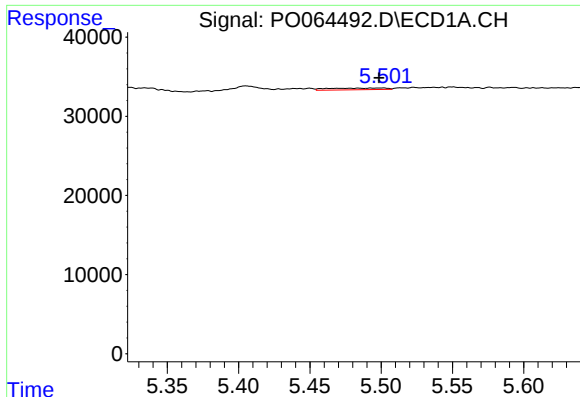
#12 AR-1232-2

R.T.: 5.194 min
Delta R.T.: -0.016 min
Response: 13620
Conc: 19.39 ng/ml



#12 AR-1232-2

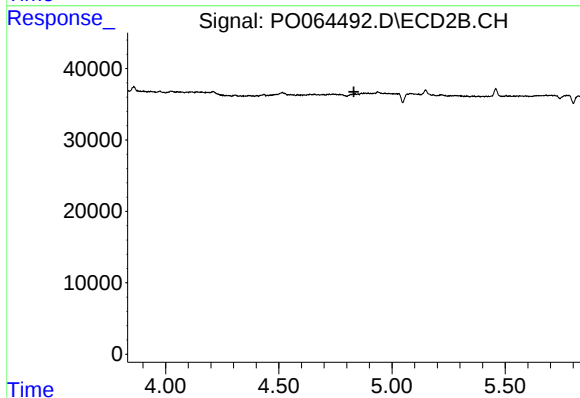
R.T.: 0.000 min
Exp R.T. : 4.657 min
Response: 0
Conc: N.D.



#13 AR-1232-3

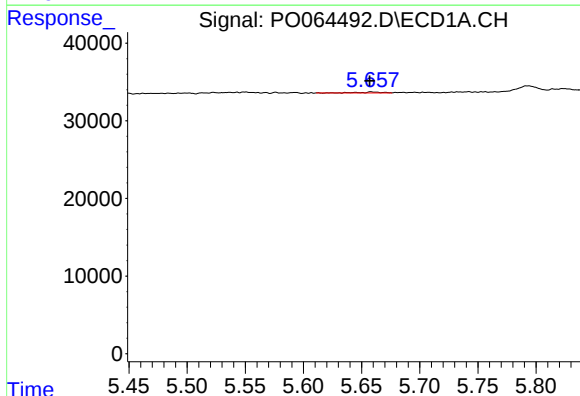
R.T.: 5.501 min
Delta R.T.: 0.002 min
Response: 6086
Conc: 4.39 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



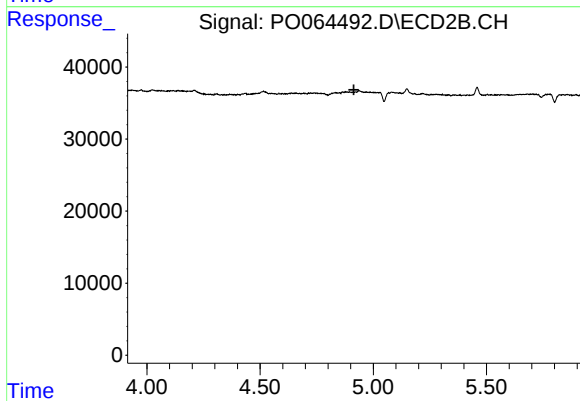
#13 AR-1232-3

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



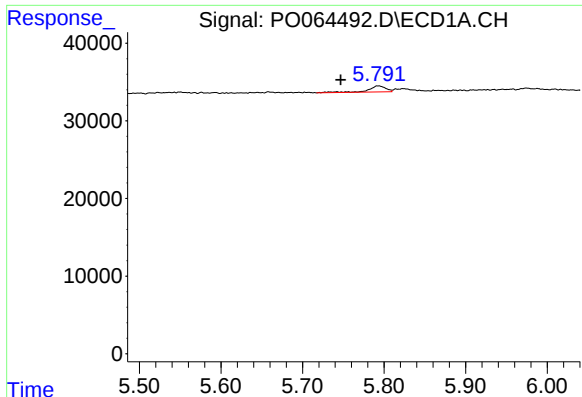
#14 AR-1232-4

R.T.: 5.660 min
Delta R.T.: 0.003 min
Response: 1631
Conc: 2.29 ng/ml



#14 AR-1232-4

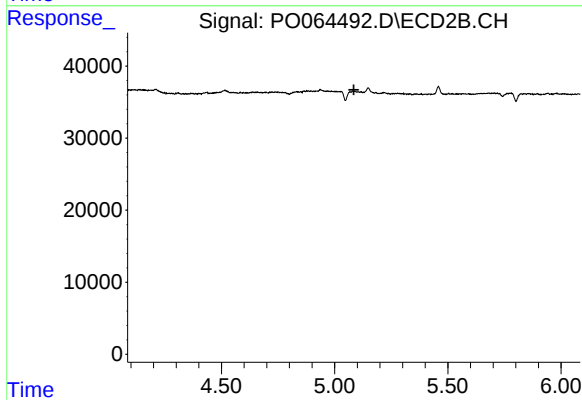
R.T.: 0.000 min
Exp R.T. : 4.914 min
Response: 0
Conc: N.D.



#15 AR-1232-5

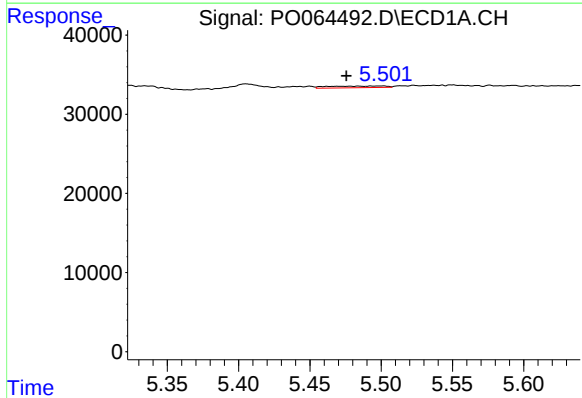
R.T.: 5.793 min
Delta R.T.: 0.046 min
Response: 11526
Conc: 20.46 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



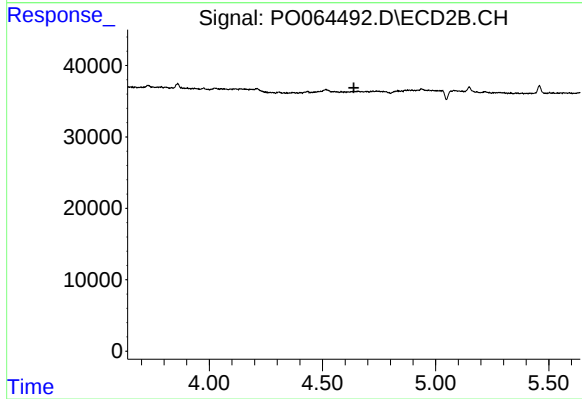
#15 AR-1232-5

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



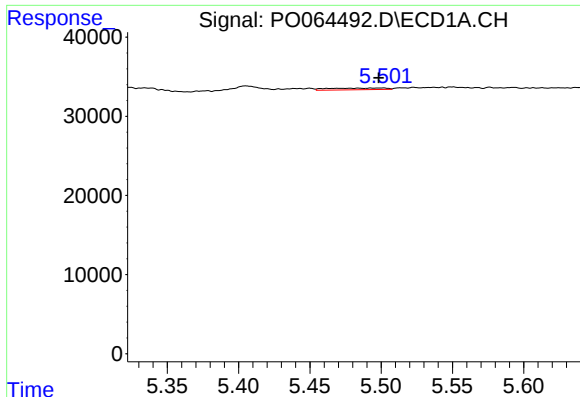
#16 AR-1242-1

R.T.: 5.501 min
Delta R.T.: 0.025 min
Response: 6086
Conc: 6.39 ng/ml



#16 AR-1242-1

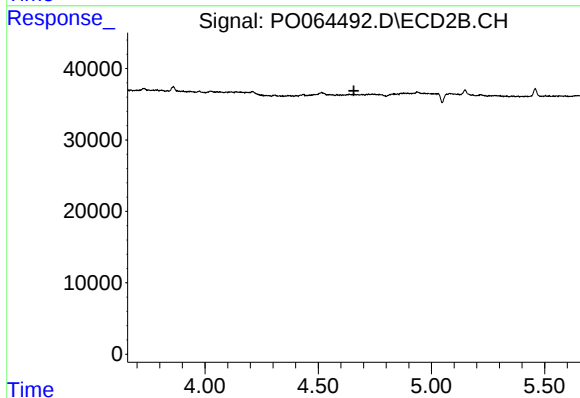
R.T.: 0.000 min
Exp R.T. : 4.639 min
Response: 0
Conc: N.D.



#17 AR-1242-2

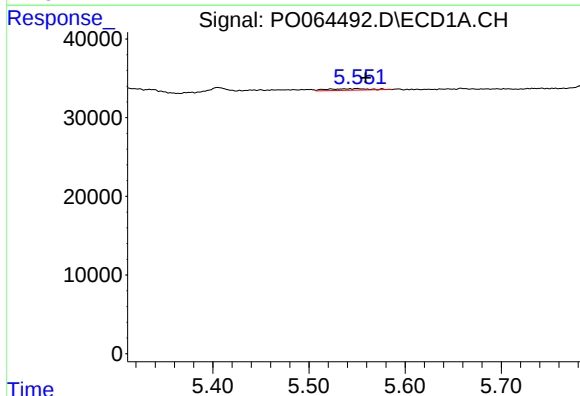
R.T.: 5.501 min
Delta R.T.: 0.003 min
Response: 6086
Conc: 4.51 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



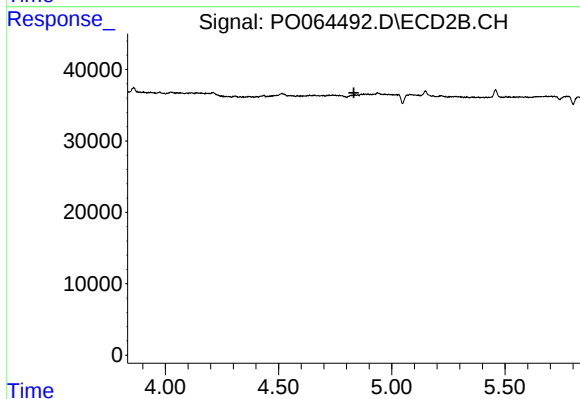
#17 AR-1242-2

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



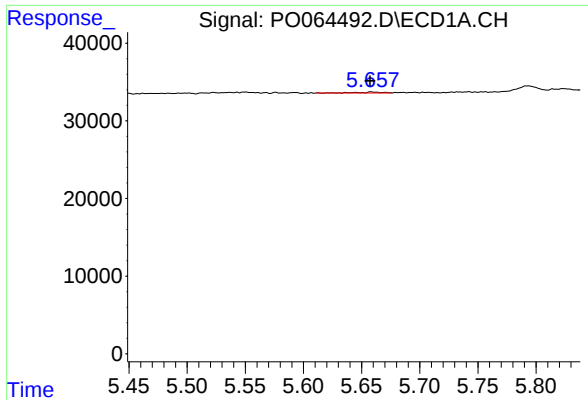
#18 AR-1242-3

R.T.: 5.550 min
Delta R.T.: -0.009 min
Response: 6161
Conc: 7.18 ng/ml



#18 AR-1242-3

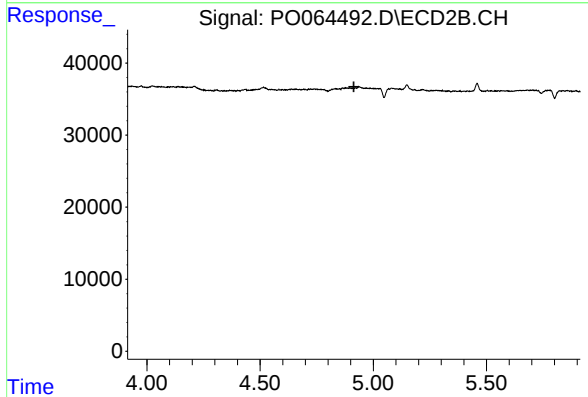
R.T.: 0.000 min
Exp R.T. : 4.832 min
Response: 0
Conc: N.D.



#19 AR-1242-4

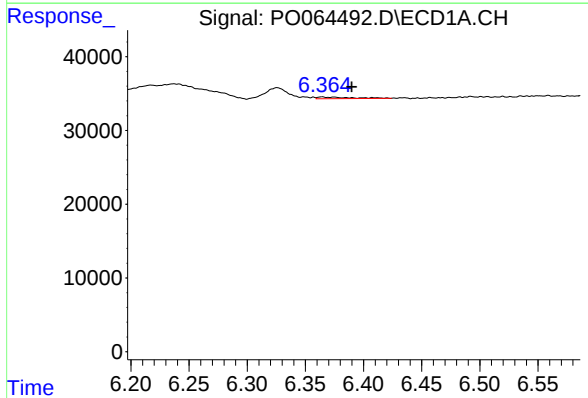
R.T.: 5.660 min
Delta R.T.: 0.002 min
Response: 1631
Conc: 2.33 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



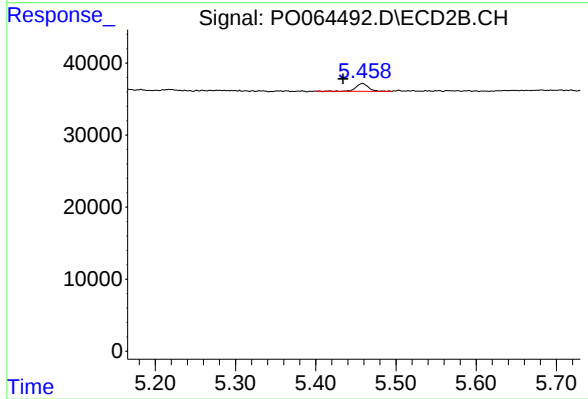
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 4.914 min
Response: 0
Conc: N.D.



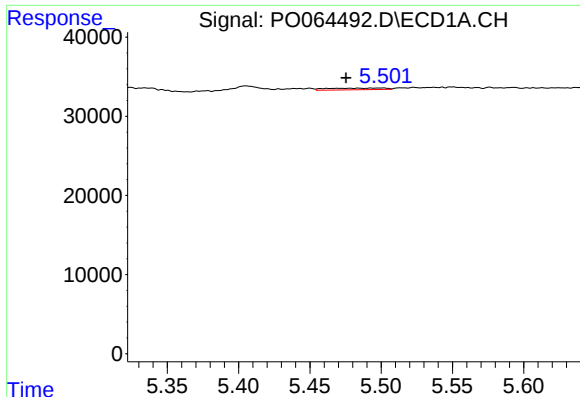
#20 AR-1242-5

R.T.: 6.364 min
Delta R.T.: -0.025 min
Response: 4652
Conc: 5.51 ng/ml



#20 AR-1242-5

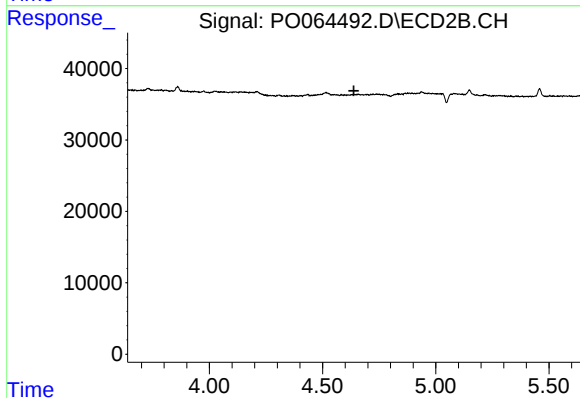
R.T.: 5.458 min
Delta R.T.: 0.024 min
Response: 12067
Conc: 15.38 ng/ml



#21 AR-1248-1

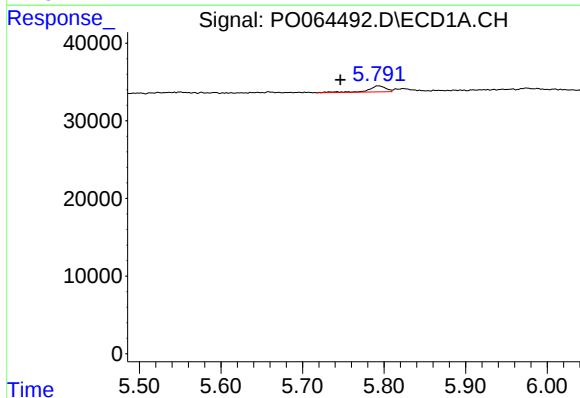
R.T.: 5.501 min
Delta R.T.: 0.025 min
Response: 6086
Conc: 10.85 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



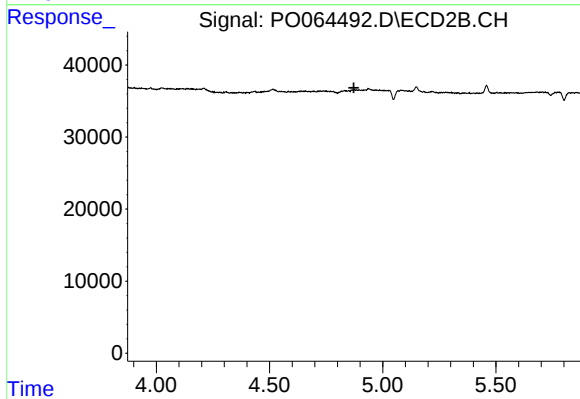
#21 AR-1248-1

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



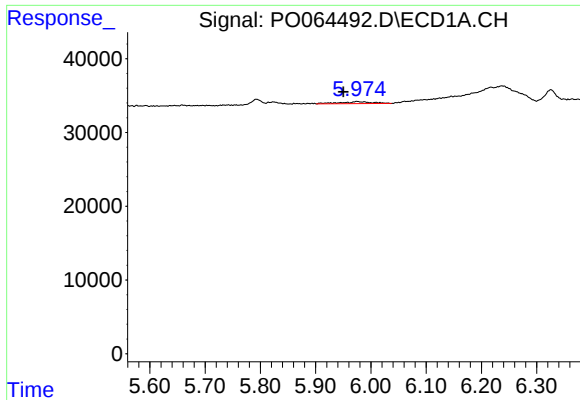
#22 AR-1248-2

R.T.: 5.793 min
Delta R.T.: 0.047 min
Response: 11526
Conc: 13.91 ng/ml



#22 AR-1248-2

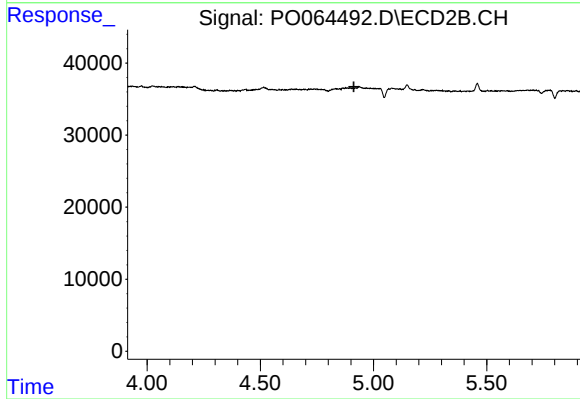
R.T.: 0.000 min
Exp R.T. : 4.872 min
Response: 0
Conc: N.D.



#23 AR-1248-3

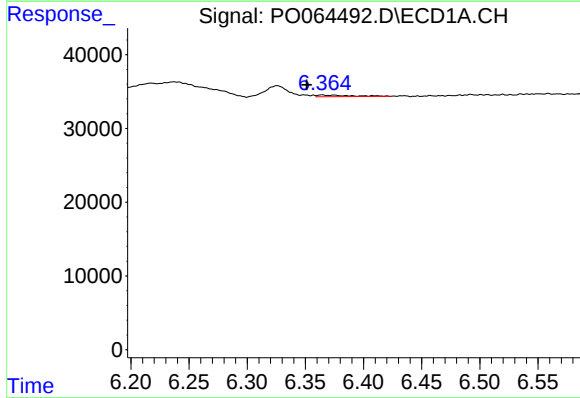
R.T.: 5.975 min
Delta R.T.: 0.025 min
Response: 10641
Conc: 11.57 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



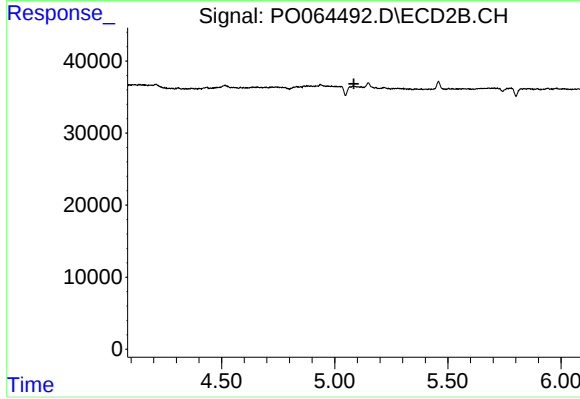
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 4.914 min
Response: 0
Conc: N.D.



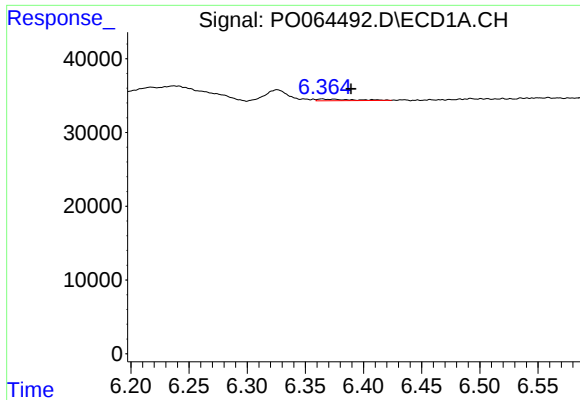
#24 AR-1248-4

R.T.: 6.364 min
Delta R.T.: 0.013 min
Response: 4652
Conc: 4.20 ng/ml



#24 AR-1248-4

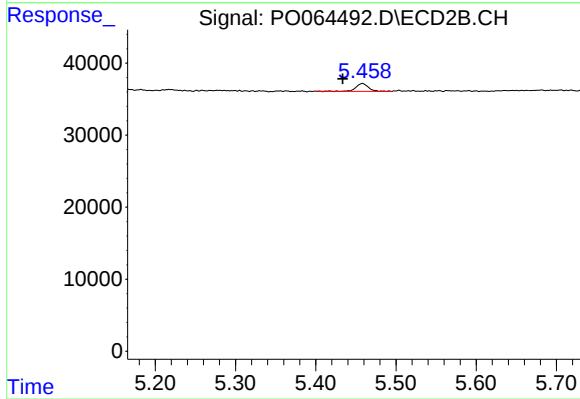
R.T.: 0.000 min
Exp R.T. : 5.085 min
Response: 0
Conc: N.D.



#25 AR-1248-5

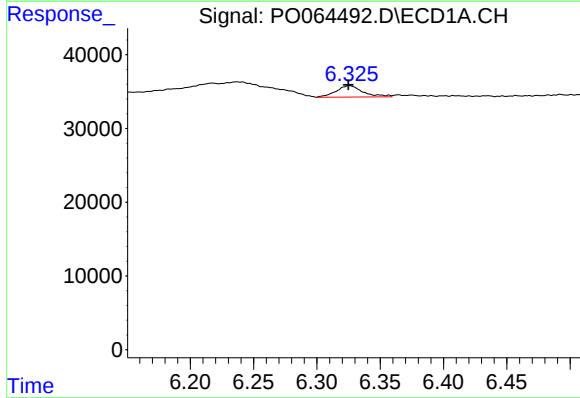
R.T.: 6.364 min
Delta R.T.: -0.025 min
Response: 4652
Conc: 4.34 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



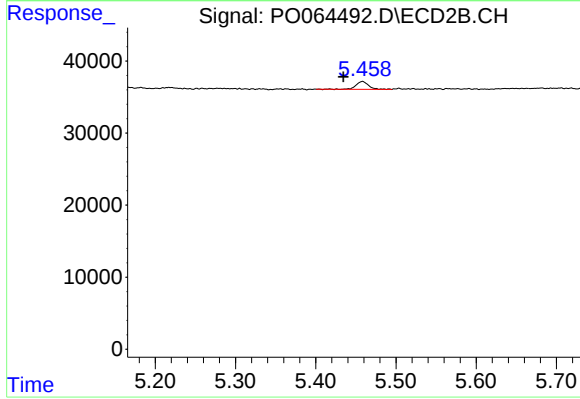
#25 AR-1248-5

R.T.: 5.458 min
Delta R.T.: 0.024 min
Response: 12067
Conc: 9.96 ng/ml



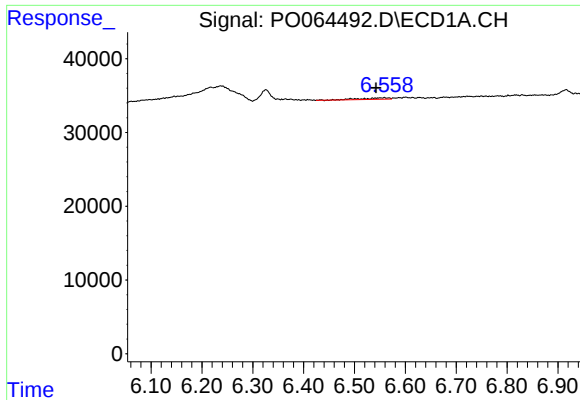
#26 AR-1254-1

R.T.: 6.326 min
Delta R.T.: 0.000 min
Response: 22859
Conc: 14.01 ng/ml



#26 AR-1254-1

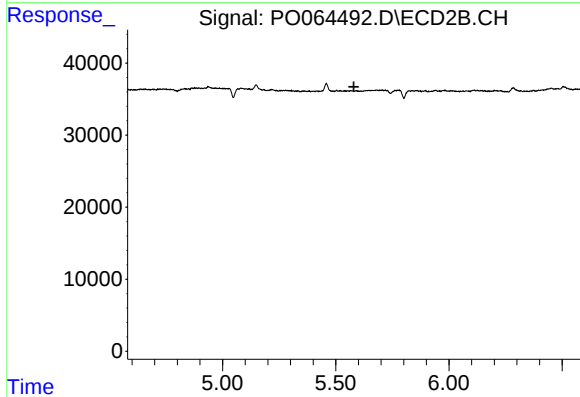
R.T.: 5.458 min
Delta R.T.: 0.024 min
Response: 12067
Conc: 6.14 ng/ml



#27 AR-1254-2

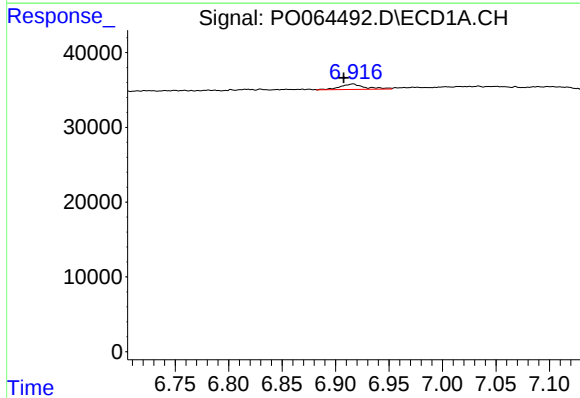
R.T.: 6.558 min
Delta R.T.: 0.016 min
Response: 7437
Conc: 2.85 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



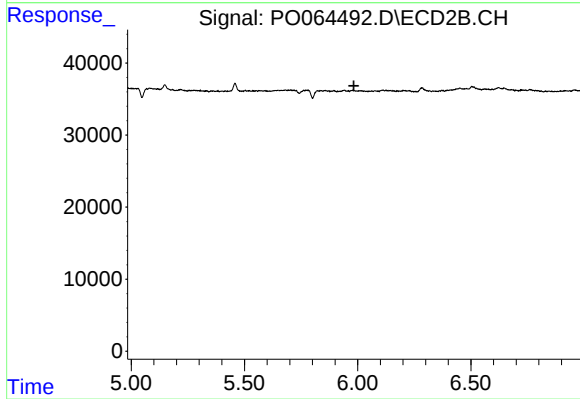
#27 AR-1254-2

R.T.: 0.000 min
Exp R.T. : 5.580 min
Response: 0
Conc: N.D.



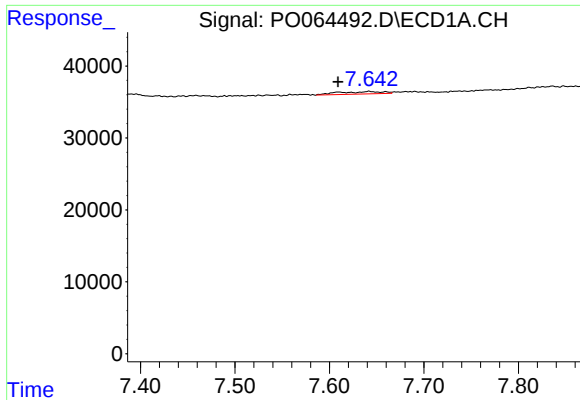
#28 AR-1254-3

R.T.: 6.916 min
Delta R.T.: 0.008 min
Response: 11655
Conc: 4.04 ng/ml



#28 AR-1254-3

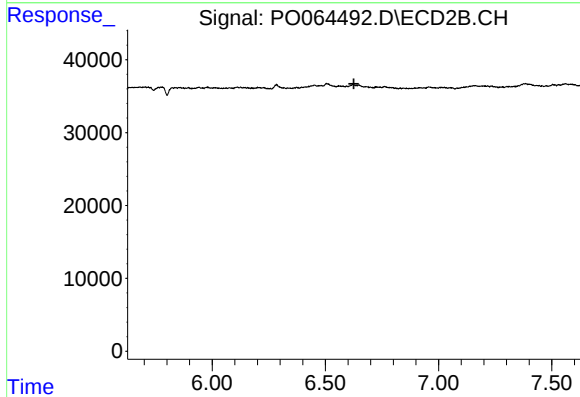
R.T.: 0.000 min
Exp R.T. : 5.983 min
Response: 0
Conc: N.D.



#30 AR-1254-5

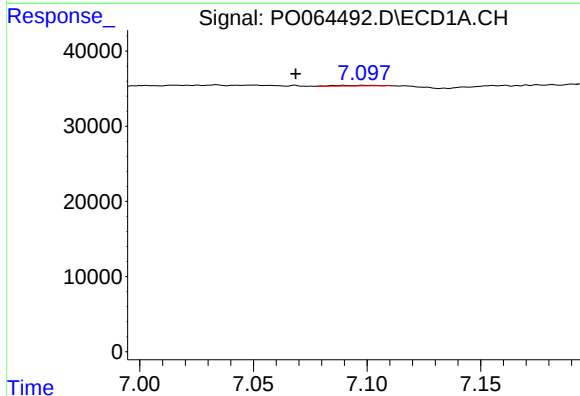
R.T.: 7.642 min
Delta R.T.: 0.033 min
Response: 11343
Conc: 4.44 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



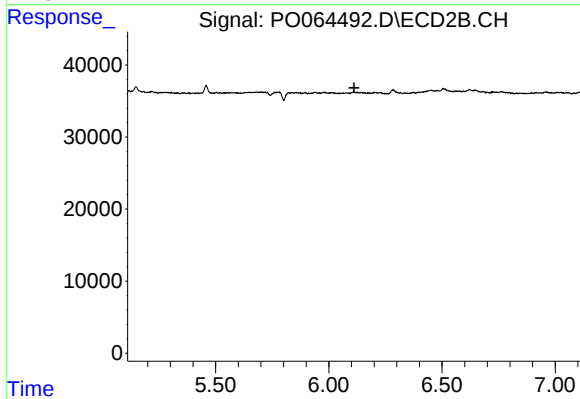
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T. : 6.626 min
Response: 0
Conc: N.D.



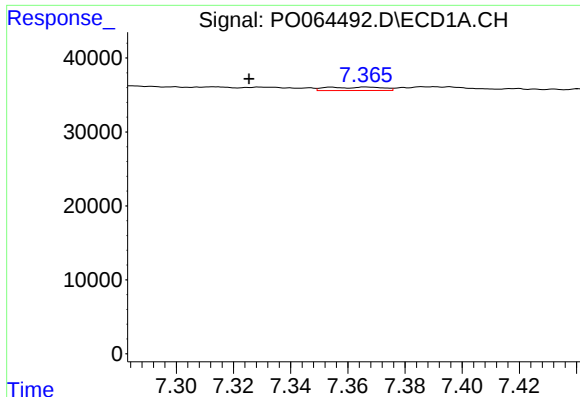
#31 AR-1260-1

R.T.: 7.089 min
Delta R.T.: 0.021 min
Response: 1254
Conc: 0.66 ng/ml



#31 AR-1260-1

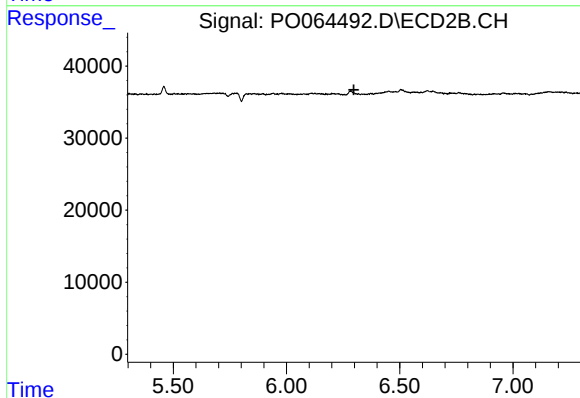
R.T.: 0.000 min
Exp R.T. : 6.111 min
Response: 0
Conc: N.D.



#32 AR-1260-2

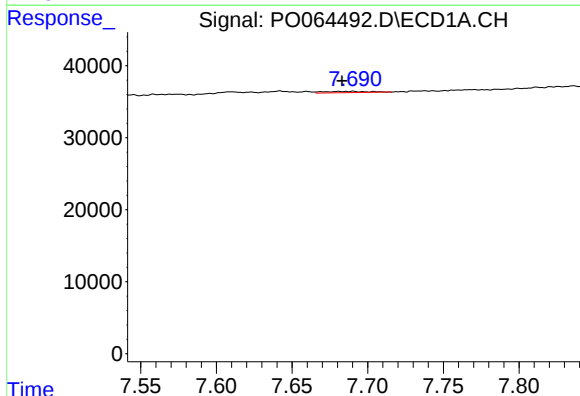
R.T.: 7.355 min
Delta R.T.: 0.029 min
Response: 6277
Conc: 2.68 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



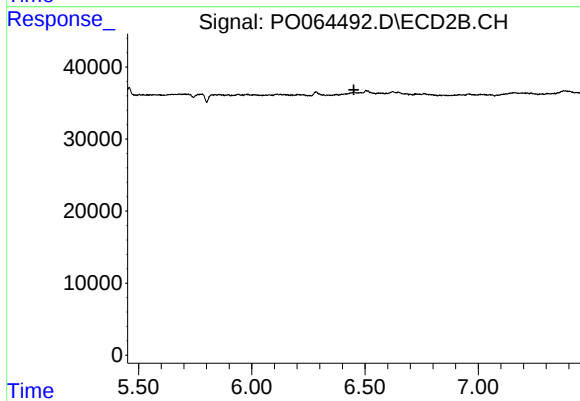
#32 AR-1260-2

R.T.: 0.000 min
Exp R.T. : 6.297 min
Response: 0
Conc: N.D.



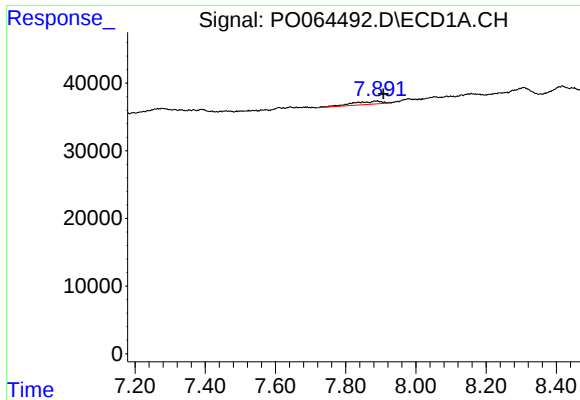
#33 AR-1260-3

R.T.: 7.689 min
Delta R.T.: 0.006 min
Response: 3635
Conc: 1.96 ng/ml



#33 AR-1260-3

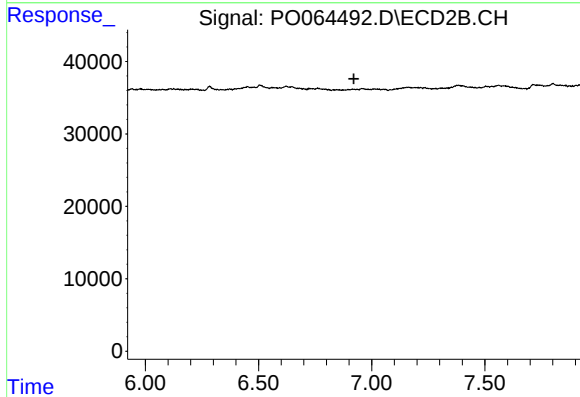
R.T.: 0.000 min
Exp R.T. : 6.451 min
Response: 0
Conc: N.D.



#34 AR-1260-4

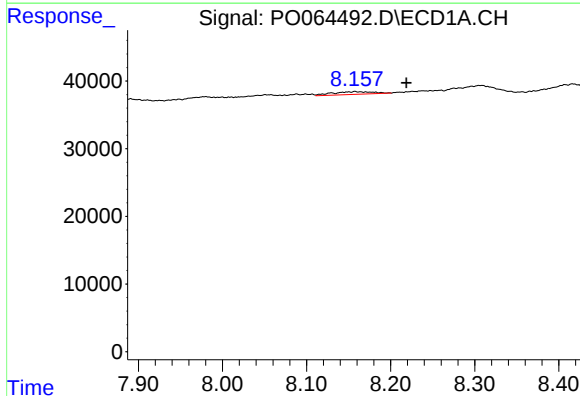
R.T.: 7.890 min
Delta R.T.: -0.017 min
Response: 28398
Conc: 12.96 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



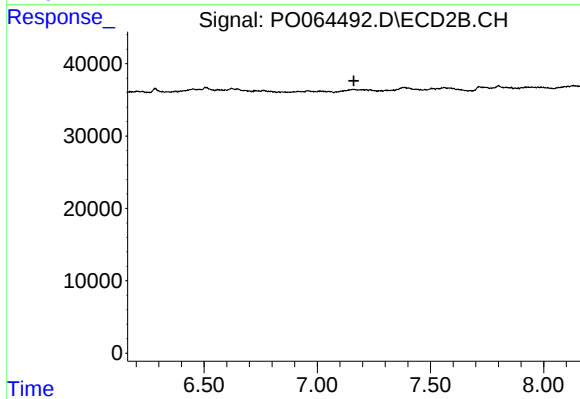
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T. : 6.921 min
Response: 0
Conc: N.D.



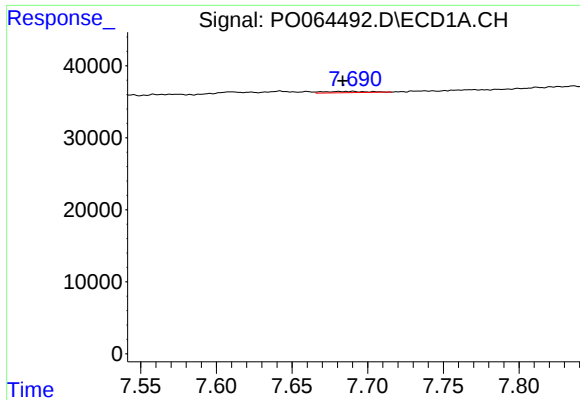
#35 AR-1260-5

R.T.: 8.158 min
Delta R.T.: -0.060 min
Response: 13372
Conc: 3.03 ng/ml



#35 AR-1260-5

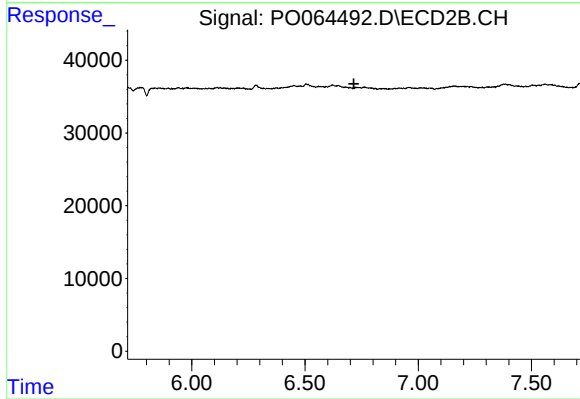
R.T.: 0.000 min
Exp R.T. : 7.161 min
Response: 0
Conc: N.D.



#36 AR-1262-1

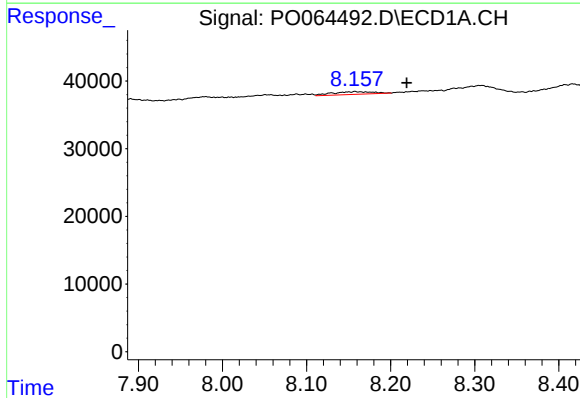
R.T.: 7.689 min
Delta R.T.: 0.006 min
Response: 3635
Conc: 1.22 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



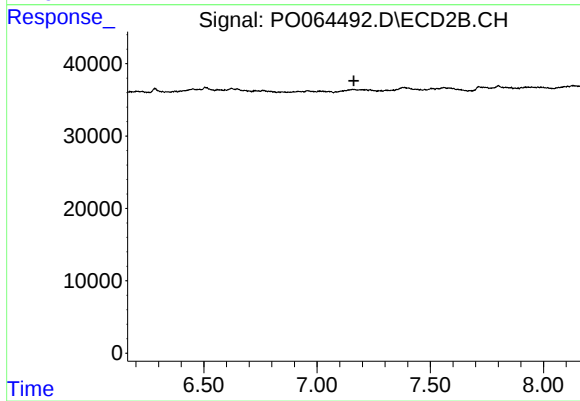
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 6.716 min
Response: 0
Conc: N.D.



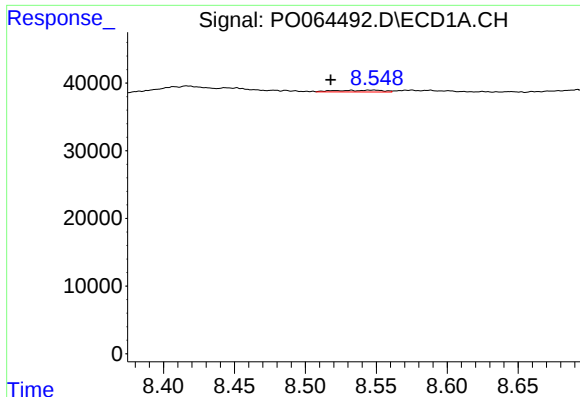
#37 AR-1262-2

R.T.: 8.158 min
Delta R.T.: -0.061 min
Response: 13372
Conc: 2.43 ng/ml



#37 AR-1262-2

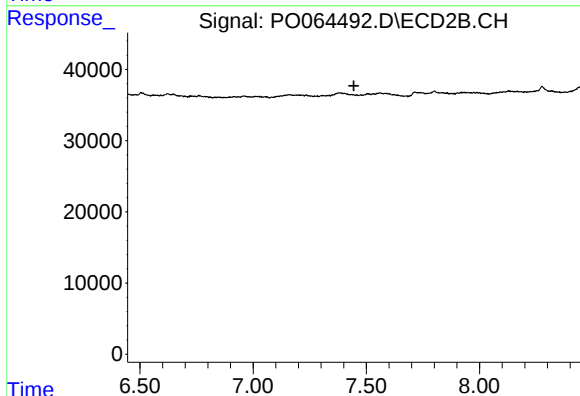
R.T.: 0.000 min
Exp R.T. : 7.163 min
Response: 0
Conc: N.D.



#38 AR-1262-3

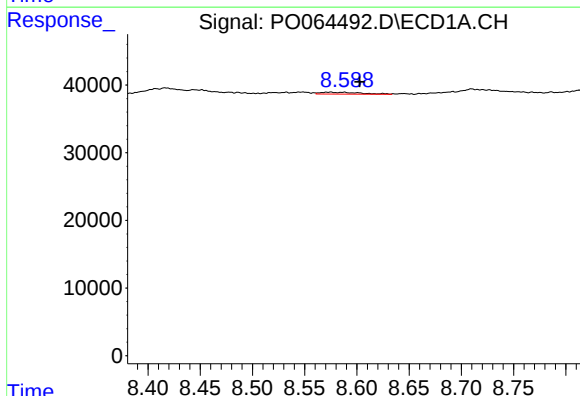
R.T.: 8.532 min
Delta R.T.: 0.014 min
Response: 6174
Conc: 1.60 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



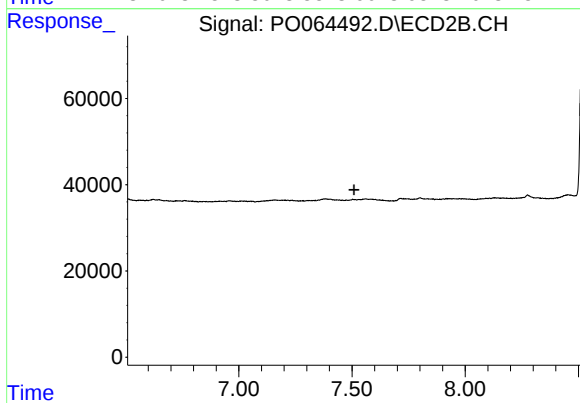
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 7.445 min
Response: 0
Conc: N.D.



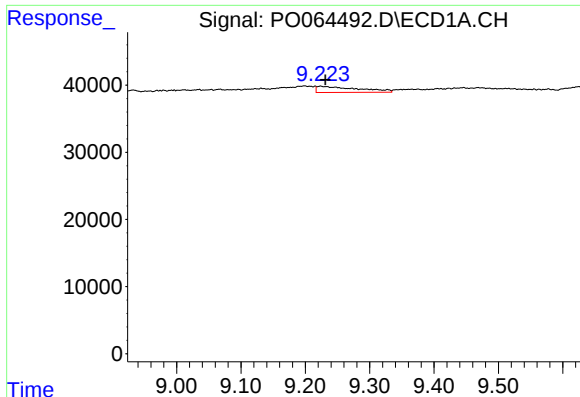
#39 AR-1262-4

R.T.: 8.574 min
Delta R.T.: -0.029 min
Response: 7309
Conc: 2.50 ng/ml



#39 AR-1262-4

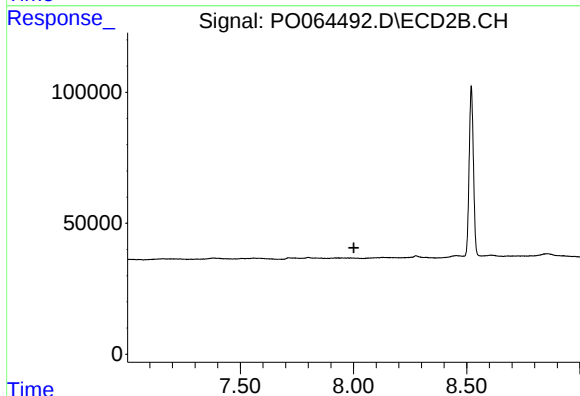
R.T.: 0.000 min
Exp R.T. : 7.509 min
Response: 0
Conc: N.D.



#40 AR-1262-5

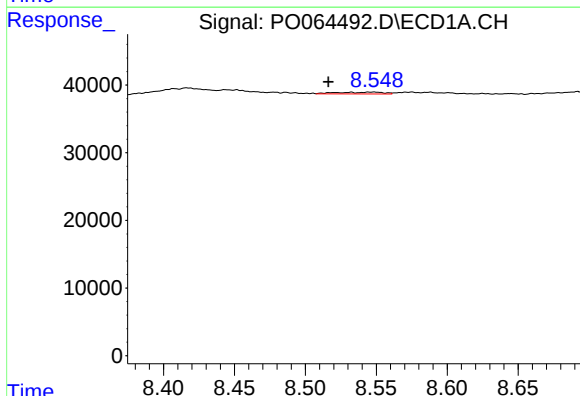
R.T.: 9.224 min
Delta R.T.: -0.008 min
Response: 40367
Conc: 19.23 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



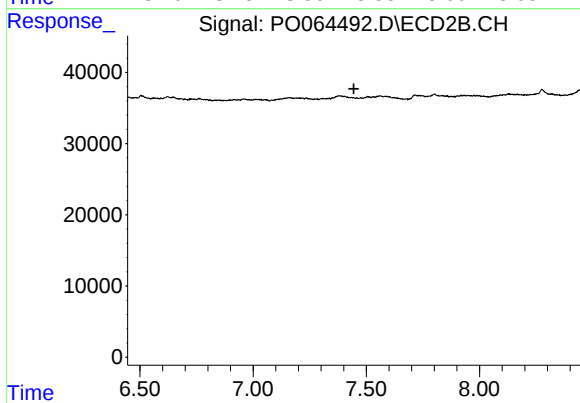
#40 AR-1262-5

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



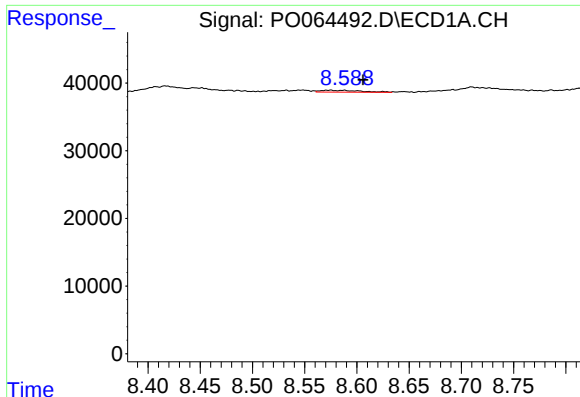
#41 AR-1268-1

R.T.: 8.532 min
Delta R.T.: 0.016 min
Response: 6174
Conc: 0.95 ng/ml



#41 AR-1268-1

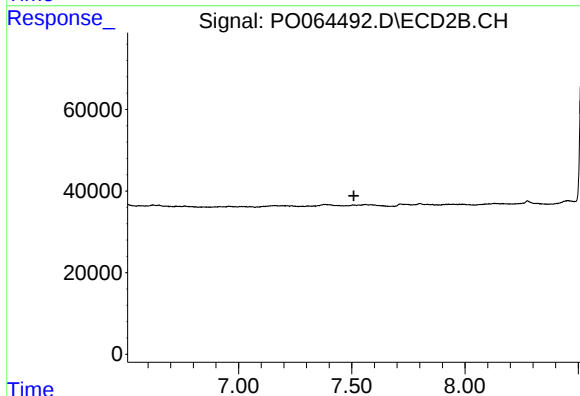
R.T.: 0.000 min
Exp R.T. : 7.445 min
Response: 0
Conc: N.D.



#42 AR-1268-2

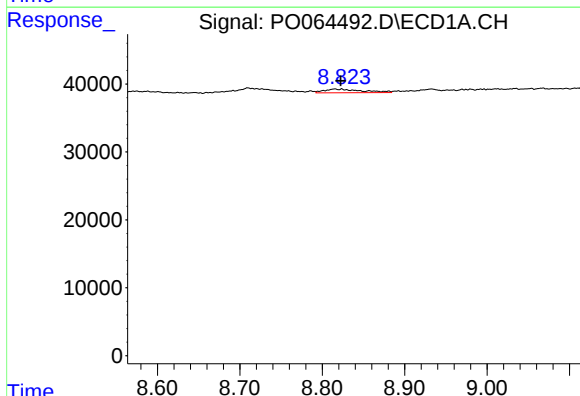
R.T.: 8.574 min
Delta R.T.: -0.032 min
Response: 7309
Conc: 1.21 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



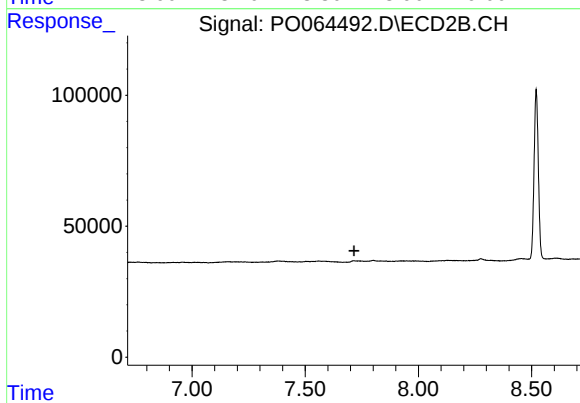
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 7.510 min
Response: 0
Conc: N.D.



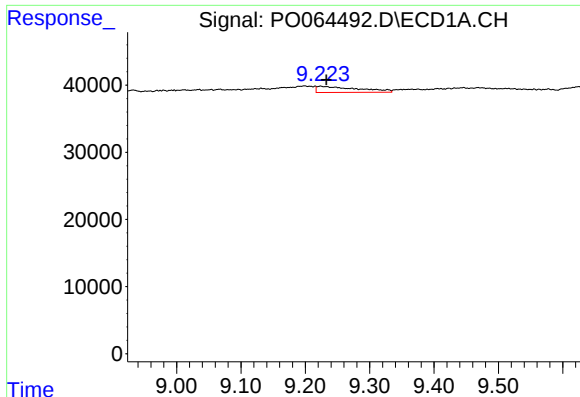
#43 AR-1268-3

R.T.: 8.815 min
Delta R.T.: -0.007 min
Response: 17703
Conc: 3.57 ng/ml



#43 AR-1268-3

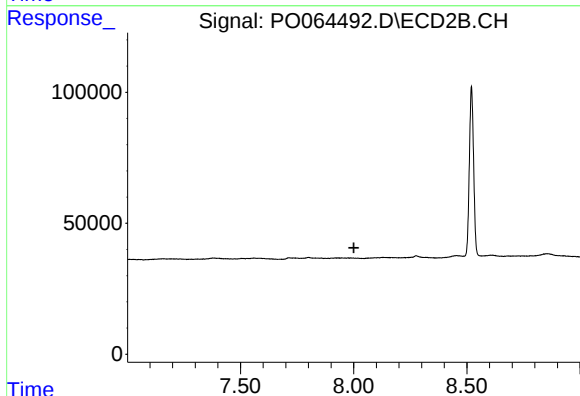
R.T.: 0.000 min
Exp R.T. : 7.715 min
Response: 0
Conc: N.D.



#44 AR-1268-4

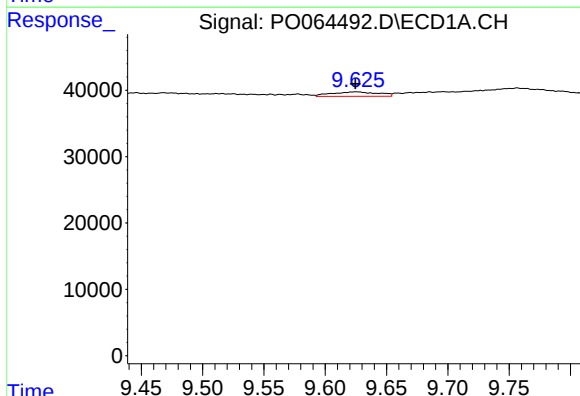
R.T.: 9.224 min
Delta R.T.: -0.009 min
Response: 40367
Conc: 17.25 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



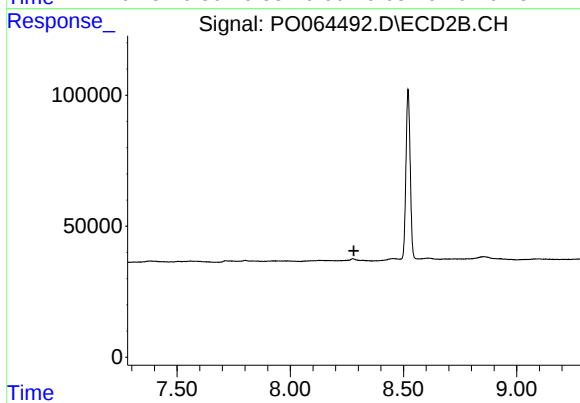
#44 AR-1268-4

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



#45 AR-1268-5

R.T.: 9.625 min
Delta R.T.: 0.000 min
Response: 17762
Conc: 1.16 ng/ml



#45 AR-1268-5

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