

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO120919\
 Data File : PO064468.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 09 Dec 2019 11:58
 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 09 13:35:46 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...	4.312	3.560	599082	482989	20.229	20.306
2)	SA Decachlor...	9.934	8.518	729502	763054	17.800	18.679
Target Compounds							
3)	L1 AR-1016-1	5.499	0.000	39102	0	30.121	N.D. #
4)	L1 AR-1016-2	5.499	0.000	39102	0	21.448	N.D. #
5)	L1 AR-1016-3	5.553	4.874	12362	7172	10.770	9.312
6)	L1 AR-1016-4	5.645	4.874	2154	7172	2.290	11.025 #
7)	L1 AR-1016-5	5.945	5.145	4282	11905	4.400	14.300 #
8)	L2 AR-1221-1	4.510	0.000	12017	0	33.825	N.D. #
9)	L2 AR-1221-2	4.615	0.000	43342	0	156.761	N.D. #
10)	L2 AR-1221-3	4.674	0.000	10173	0	12.116	N.D. #
11)	L3 AR-1232-1	4.674	0.000	10173	0	7.935	N.D. #
12)	L3 AR-1232-2	5.202	0.000	16458	0	23.427	N.D. #
13)	L3 AR-1232-3	5.499	4.874	39102	7172	28.236	12.337 #
14)	L3 AR-1232-4	5.645	4.940	2154	12235	3.027	23.046 #
15)	L3 AR-1232-5	5.756	5.145	1536	11905	2.727	20.333 #
16)	L4 AR-1242-1	5.499	0.000	39102	0	41.065	N.D. #
17)	L4 AR-1242-2	5.499	0.000	39102	0	28.952	N.D. #
18)	L4 AR-1242-3	5.553	4.874	12362	7172	14.405	12.798
19)	L4 AR-1242-4	5.645	4.940	2154	12235	3.080	21.571 #
20)	L4 AR-1242-5	6.390	0.000	9365	0	11.085	N.D. #
21)	L5 AR-1248-1	5.499	0.000	39102	0	69.713	N.D. #
22)	L5 AR-1248-2	5.756	4.874	1536	7172	1.853	11.406 #
23)	L5 AR-1248-3	5.945	4.940	4282	12235	4.654	18.962 #
24)	L5 AR-1248-4	6.351	5.145	66824	11905	60.289	15.103 #
25)	L5 AR-1248-5	6.390	0.000	9365	0	8.728	N.D. #
26)	L6 AR-1254-1	6.351	0.000	66824	0	40.943	N.D. #
27)	L6 AR-1254-2	6.565	0.000	26525	0	10.175	N.D. #
28)	L6 AR-1254-3	6.915	0.000	12135	0	4.205	N.D. #
29)	L6 AR-1254-4	7.200	0.000	7482	0	3.267	N.D. #
30)	L6 AR-1254-5	7.605	0.000	55330	0	21.653	N.D. #
31)	L7 AR-1260-1	7.061	0.000	1119	0	0.593	N.D. #
32)	L7 AR-1260-2	7.332	0.000	7588	0	3.245	N.D. #
33)	L7 AR-1260-3	7.675	0.000	16034	0	8.661	N.D. #
34)	L7 AR-1260-4	7.896	0.000	13533	0	6.175	N.D. #
35)	L7 AR-1260-5	8.220	0.000	12594	0	2.852	N.D. #
36)	L8 AR-1262-1	7.675	0.000	16034	0	5.370	N.D. #
37)	L8 AR-1262-2	8.220	0.000	12594	0	2.284	N.D. #
38)	L8 AR-1262-3	8.524	0.000	8257	0	2.134	N.D. #
39)	L8 AR-1262-4	8.622	0.000	32413	0	11.088	N.D. #
40)	L8 AR-1262-5	9.197	0.000	207543	0	98.882	N.D. #
41)	L9 AR-1268-1	8.524	0.000	8257	0	1.266	N.D. #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO120919\
Data File : P0064468.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 09 Dec 2019 11:58
Operator : SM/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

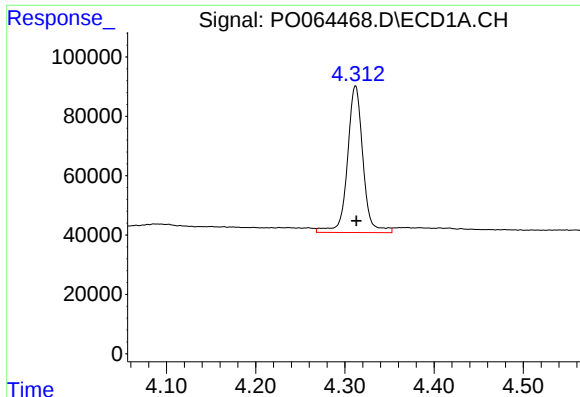
Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 09 13:35:46 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO112719.M
Quant Title : GC EXTRACTABLES
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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	8.622	0.000	32413	0	5.365	N.D. #
43)	L9 AR-1268-3	8.816	7.708	13539	8670	2.727	1.655 #
44)	L9 AR-1268-4	9.197	0.000	207543	0	88.706	N.D. #
45)	L9 AR-1268-5	9.616	8.275	41090	18703	2.675	1.132 #

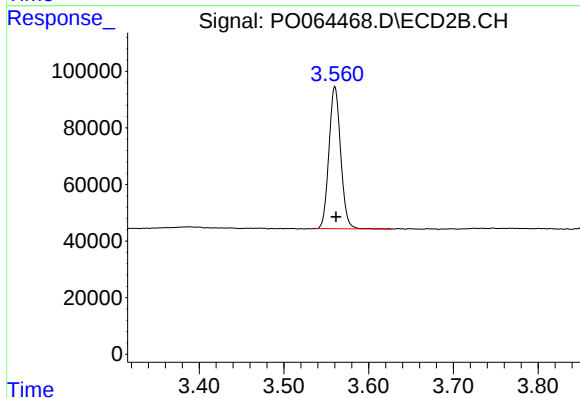
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

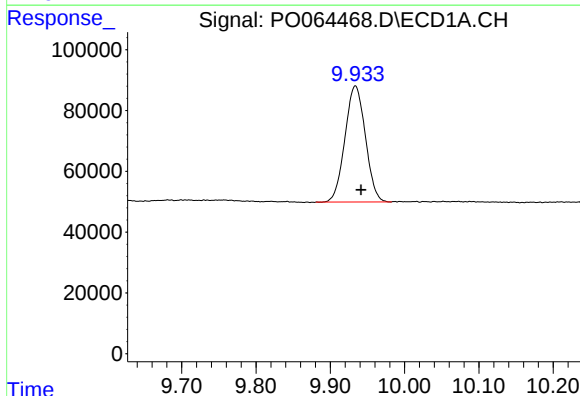
R.T.: 4.312 min
Delta R.T.: -0.001 min
Response: 599082
Conc: 20.23 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



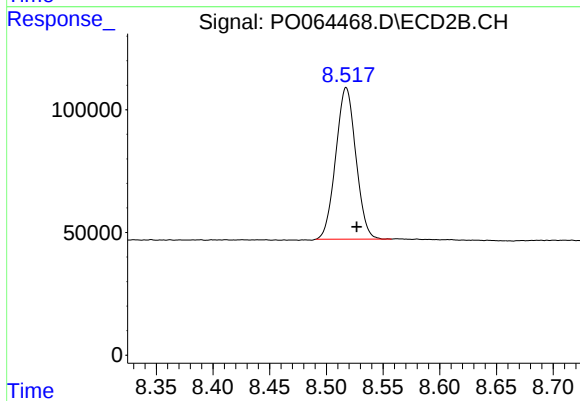
#1 Tetrachloro-m-xylene

R.T.: 3.560 min
Delta R.T.: -0.001 min
Response: 482989
Conc: 20.31 ng/ml



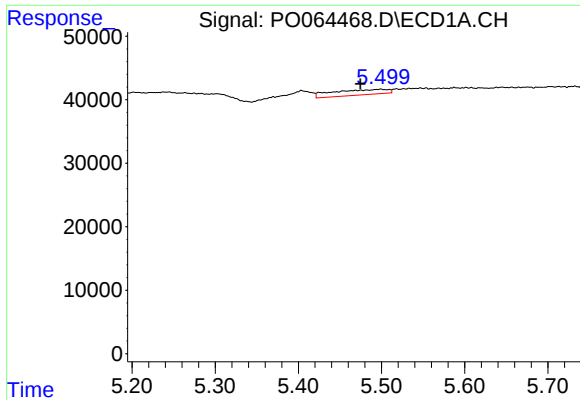
#2 Decachlorobiphenyl

R.T.: 9.934 min
Delta R.T.: -0.007 min
Response: 729502
Conc: 17.80 ng/ml



#2 Decachlorobiphenyl

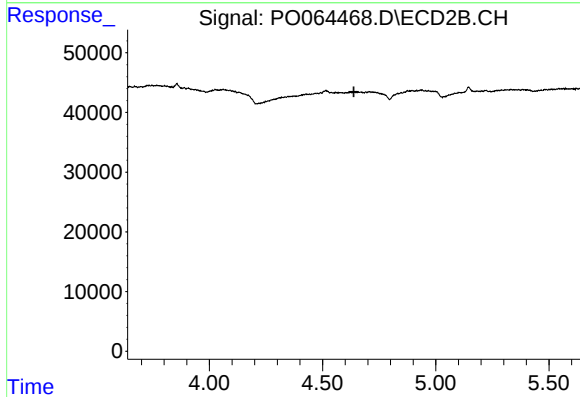
R.T.: 8.518 min
Delta R.T.: -0.009 min
Response: 763054
Conc: 18.68 ng/ml



#3 AR-1016-1

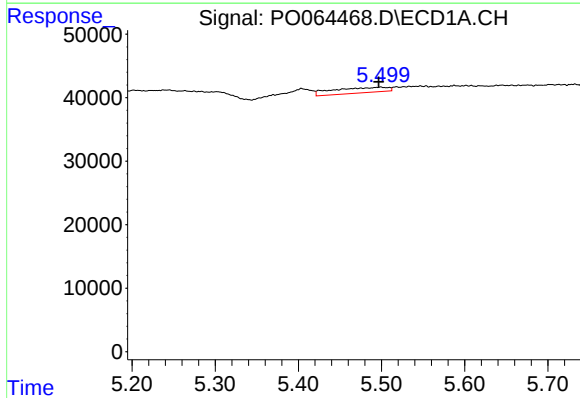
R.T.: 5.499 min
Delta R.T.: 0.025 min
Response: 39102
Conc: 30.12 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



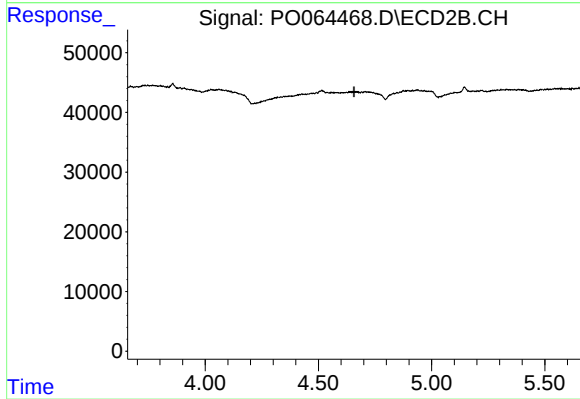
#3 AR-1016-1

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



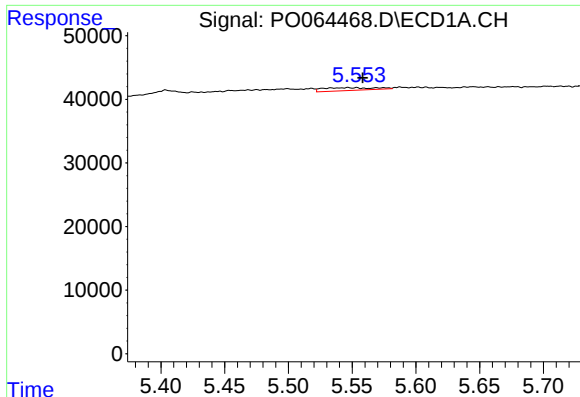
#4 AR-1016-2

R.T.: 5.499 min
Delta R.T.: 0.002 min
Response: 39102
Conc: 21.45 ng/ml



#4 AR-1016-2

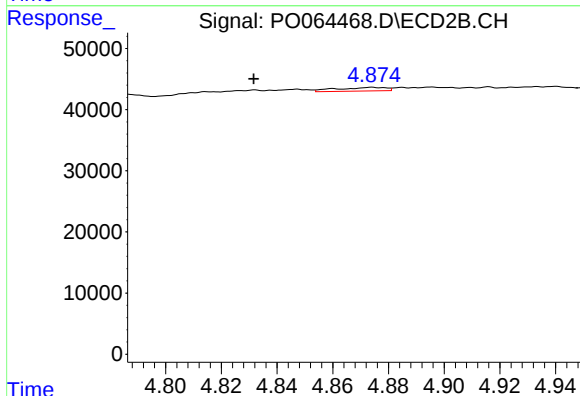
R.T.: 0.000 min
Exp R.T. : 4.657 min
Response: 0
Conc: N.D.



#5 AR-1016-3

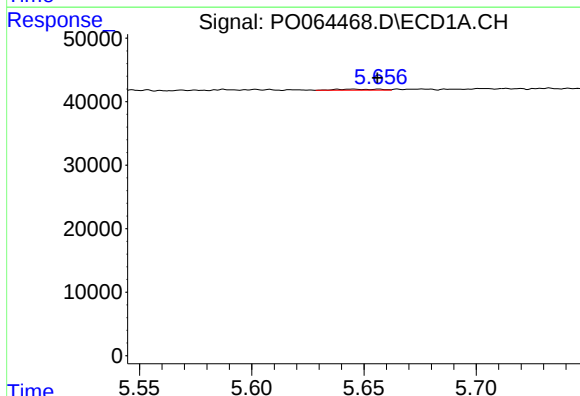
R.T.: 5.553 min
Delta R.T.: -0.005 min
Response: 12362
Conc: 10.77 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



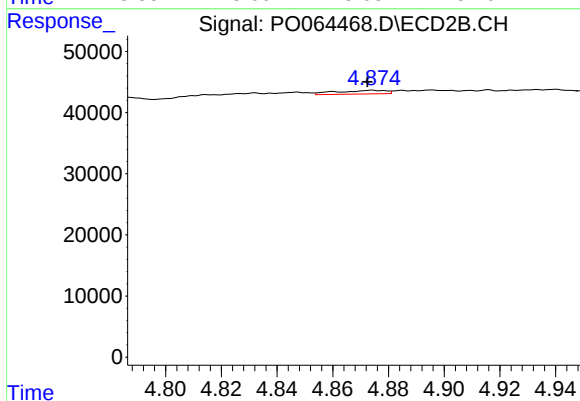
#5 AR-1016-3

R.T.: 4.874 min
Delta R.T.: 0.042 min
Response: 7172
Conc: 9.31 ng/ml



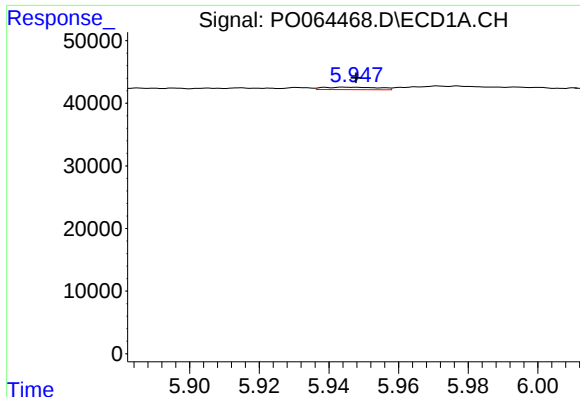
#6 AR-1016-4

R.T.: 5.645 min
Delta R.T.: -0.011 min
Response: 2154
Conc: 2.29 ng/ml



#6 AR-1016-4

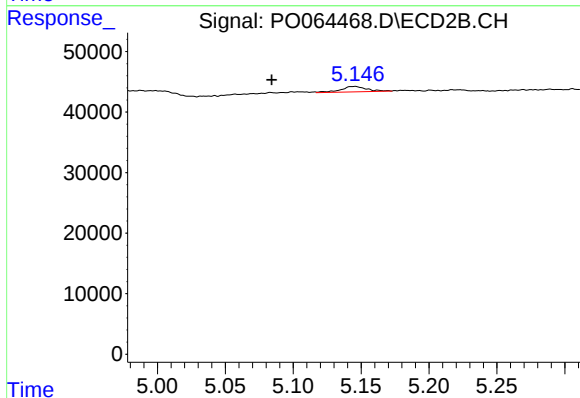
R.T.: 4.874 min
Delta R.T.: 0.002 min
Response: 7172
Conc: 11.03 ng/ml



#7 AR-1016-5

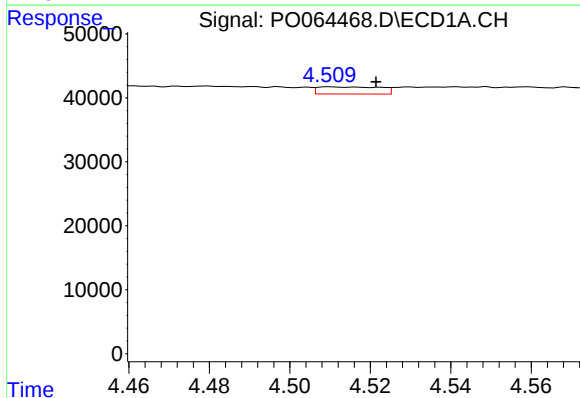
R.T.: 5.945 min
Delta R.T.: -0.003 min
Response: 4282
Conc: 4.40 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



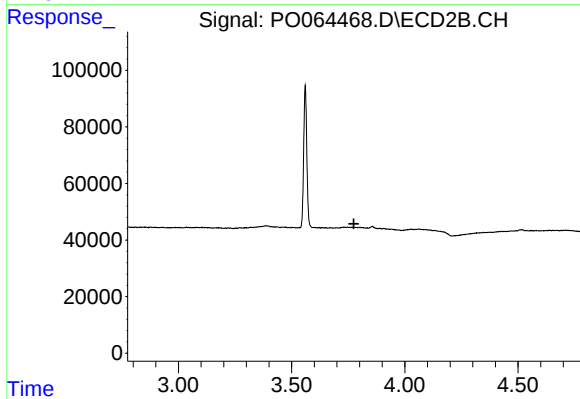
#7 AR-1016-5

R.T.: 5.145 min
Delta R.T.: 0.061 min
Response: 11905
Conc: 14.30 ng/ml



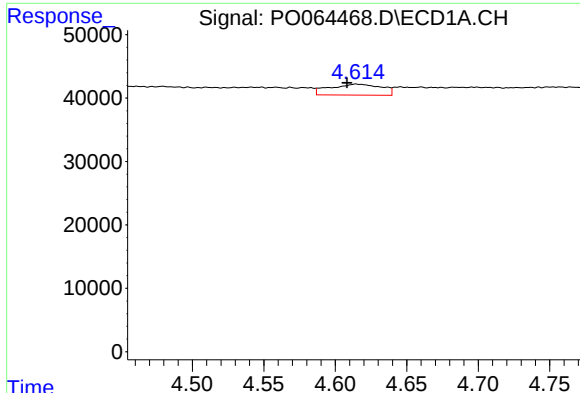
#8 AR-1221-1

R.T.: 4.510 min
Delta R.T.: -0.011 min
Response: 12017
Conc: 33.82 ng/ml



#8 AR-1221-1

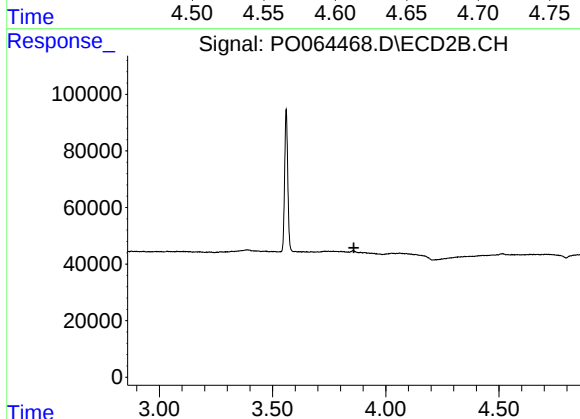
R.T.: 0.000 min
Exp R.T.: 3.775 min
Response: 0
Conc: N.D.



#9 AR-1221-2

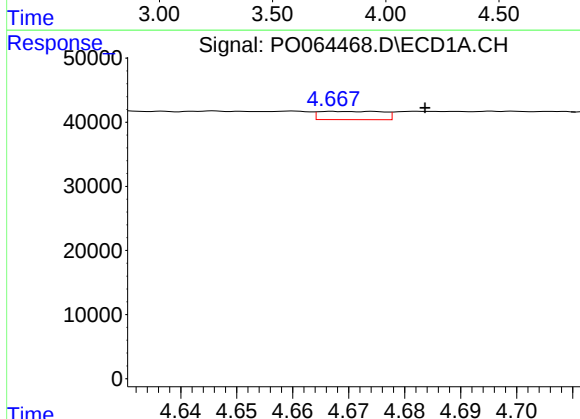
R.T.: 4.615 min
Delta R.T.: 0.006 min
Response: 43342
Conc: 156.76 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



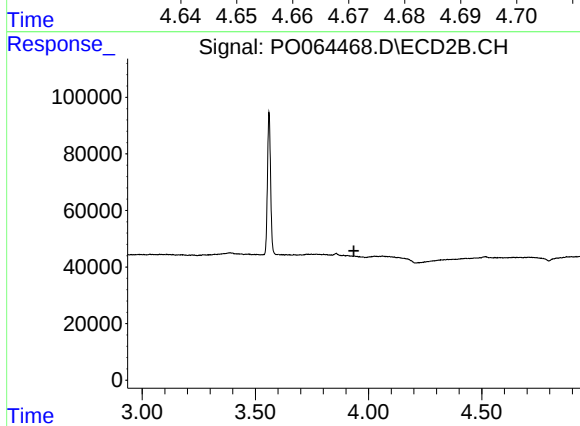
#9 AR-1221-2

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



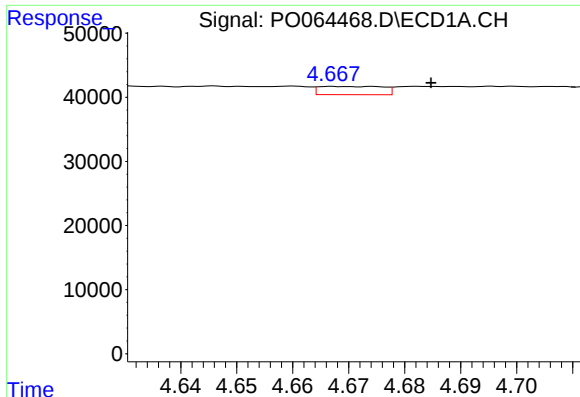
#10 AR-1221-3

R.T.: 4.674 min
Delta R.T.: -0.010 min
Response: 10173
Conc: 12.12 ng/ml



#10 AR-1221-3

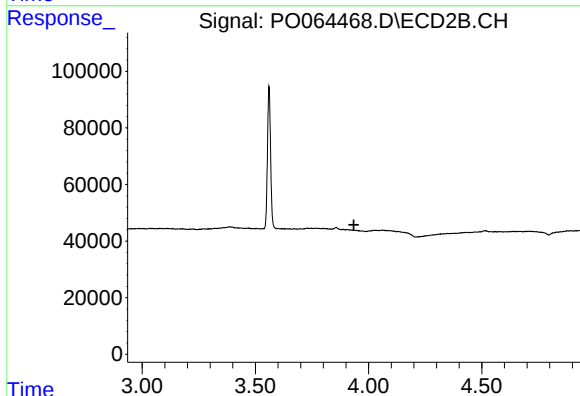
R.T.: 0.000 min
Exp R.T. : 3.935 min
Response: 0
Conc: N.D.



#11 AR-1232-1

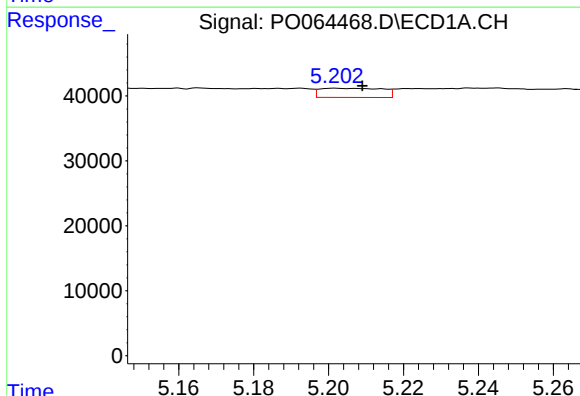
R.T.: 4.674 min
Delta R.T.: -0.011 min
Response: 10173
Conc: 7.94 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



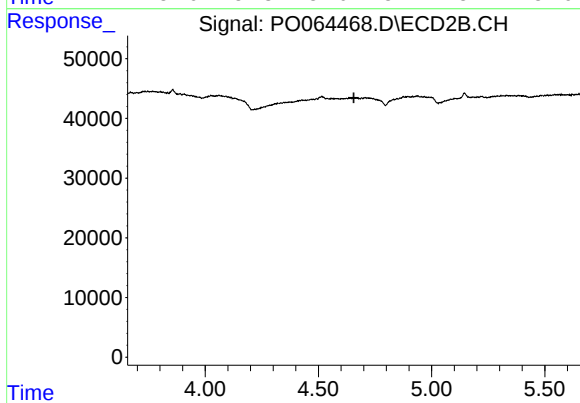
#11 AR-1232-1

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



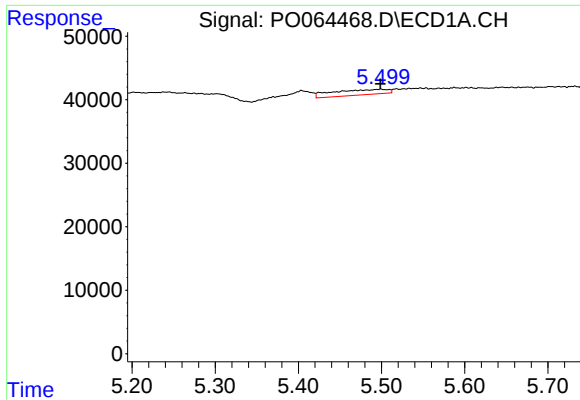
#12 AR-1232-2

R.T.: 5.202 min
Delta R.T.: -0.007 min
Response: 16458
Conc: 23.43 ng/ml



#12 AR-1232-2

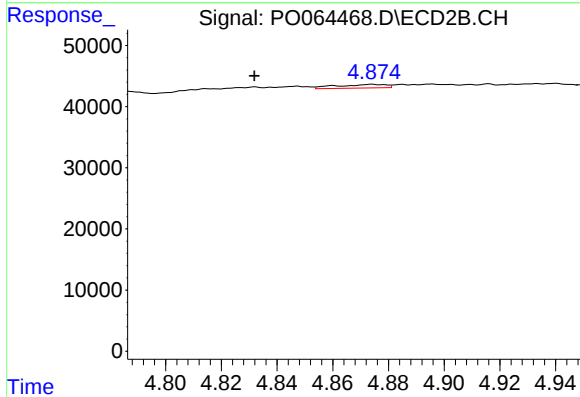
R.T.: 0.000 min
Exp R.T. : 4.657 min
Response: 0
Conc: N.D.



#13 AR-1232-3

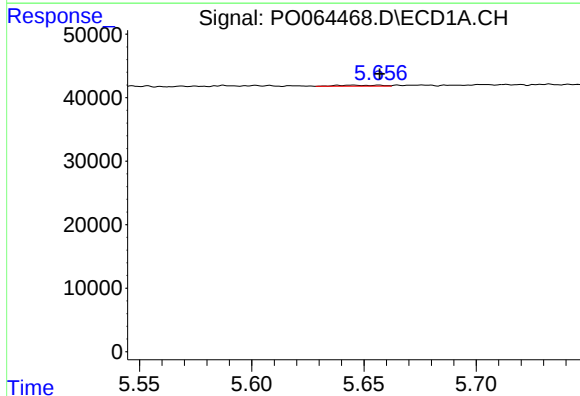
R.T.: 5.499 min
Delta R.T.: 0.000 min
Response: 39102
Conc: 28.24 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



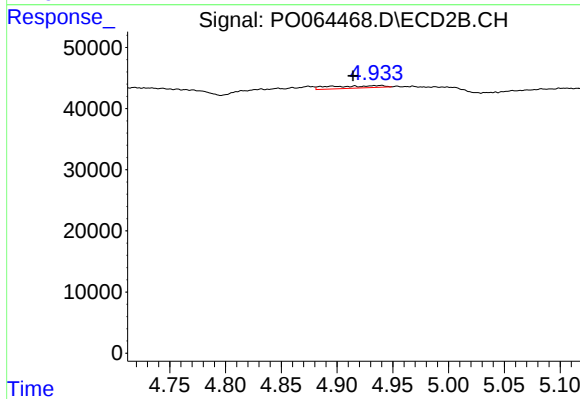
#13 AR-1232-3

R.T.: 4.874 min
Delta R.T.: 0.042 min
Response: 7172
Conc: 12.34 ng/ml



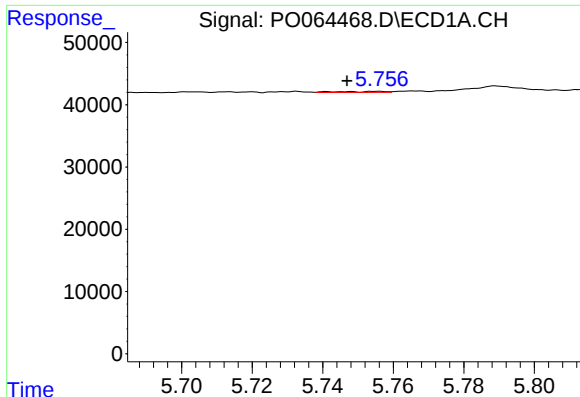
#14 AR-1232-4

R.T.: 5.645 min
Delta R.T.: -0.012 min
Response: 2154
Conc: 3.03 ng/ml



#14 AR-1232-4

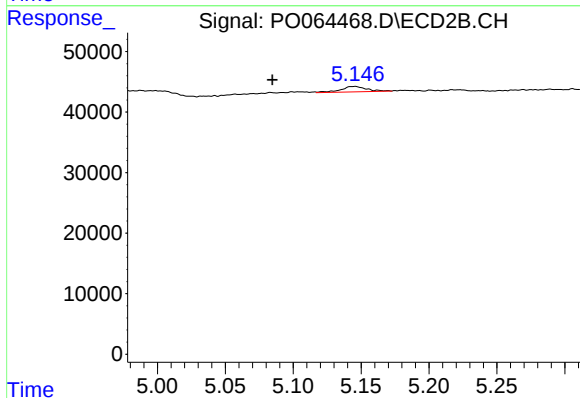
R.T.: 4.940 min
Delta R.T.: 0.025 min
Response: 12235
Conc: 23.05 ng/ml



#15 AR-1232-5

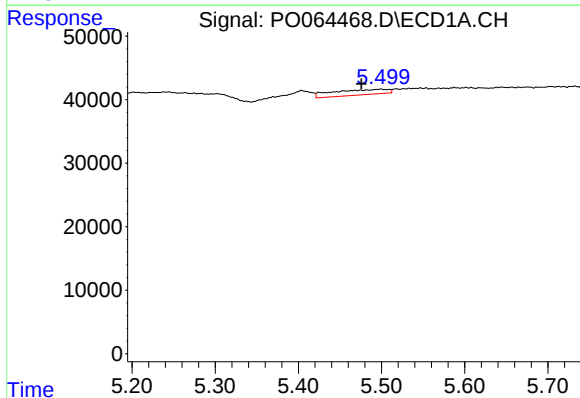
R.T.: 5.756 min
Delta R.T.: 0.009 min
Response: 1536
Conc: 2.73 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



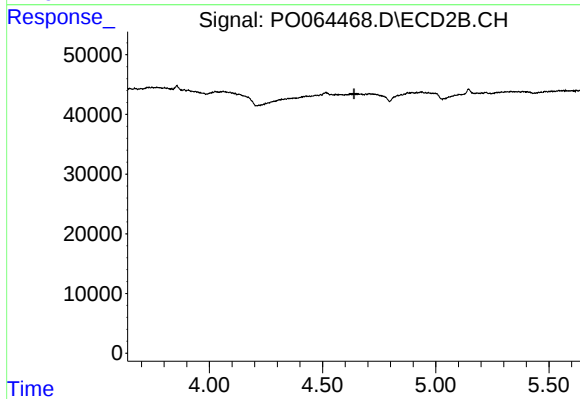
#15 AR-1232-5

R.T.: 5.145 min
Delta R.T.: 0.061 min
Response: 11905
Conc: 20.33 ng/ml



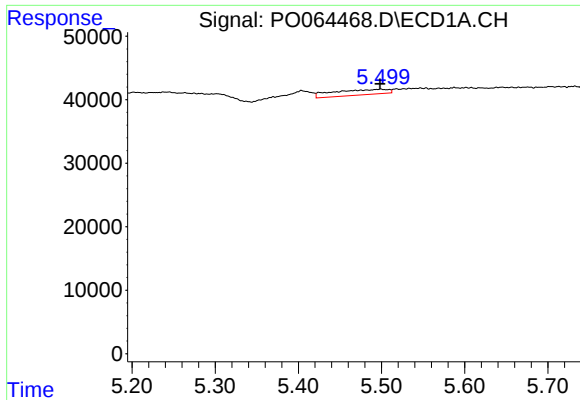
#16 AR-1242-1

R.T.: 5.499 min
Delta R.T.: 0.023 min
Response: 39102
Conc: 41.07 ng/ml



#16 AR-1242-1

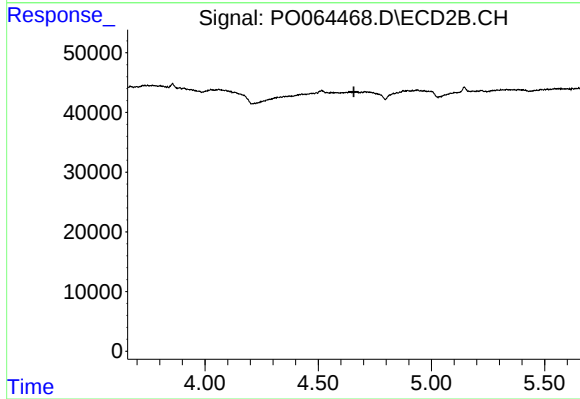
R.T.: 0.000 min
Exp R.T.: 4.639 min
Response: 0
Conc: N.D.



#17 AR-1242-2

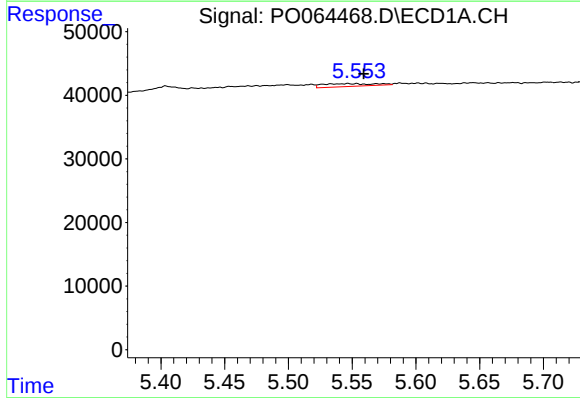
R.T.: 5.499 min
Delta R.T.: 0.000 min
Response: 39102
Conc: 28.95 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



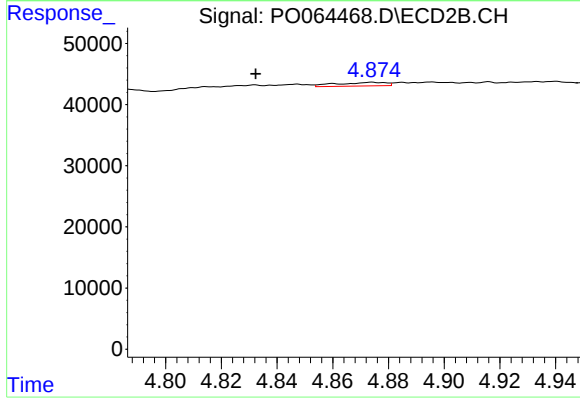
#17 AR-1242-2

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



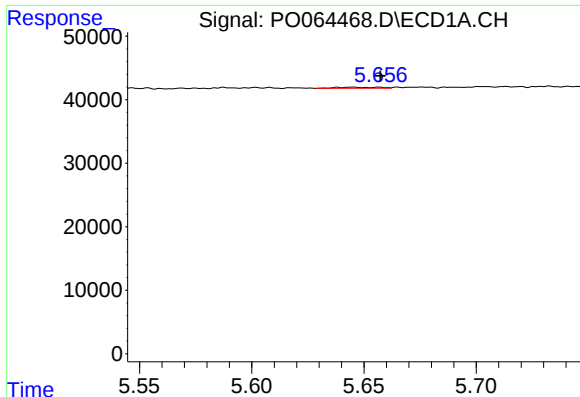
#18 AR-1242-3

R.T.: 5.553 min
Delta R.T.: -0.005 min
Response: 12362
Conc: 14.41 ng/ml



#18 AR-1242-3

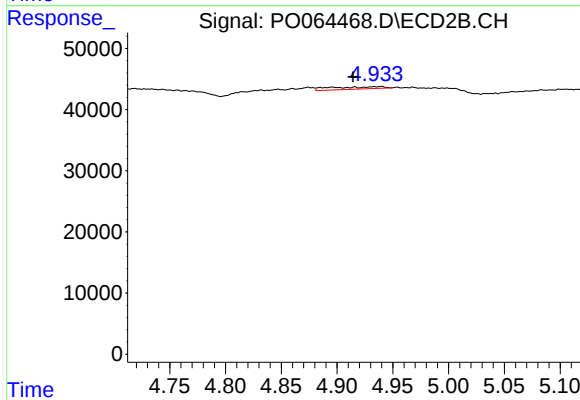
R.T.: 4.874 min
Delta R.T.: 0.042 min
Response: 7172
Conc: 12.80 ng/ml



#19 AR-1242-4

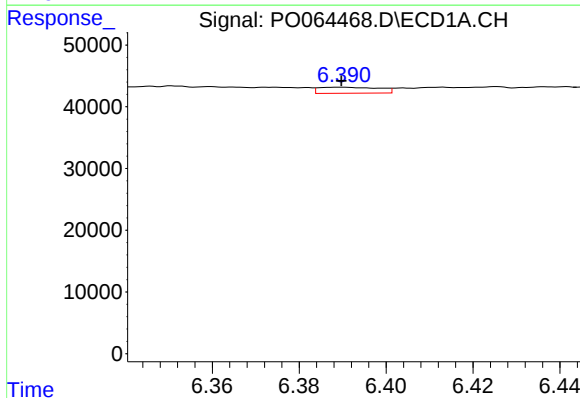
R.T.: 5.645 min
Delta R.T.: -0.012 min
Response: 2154
Conc: 3.08 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



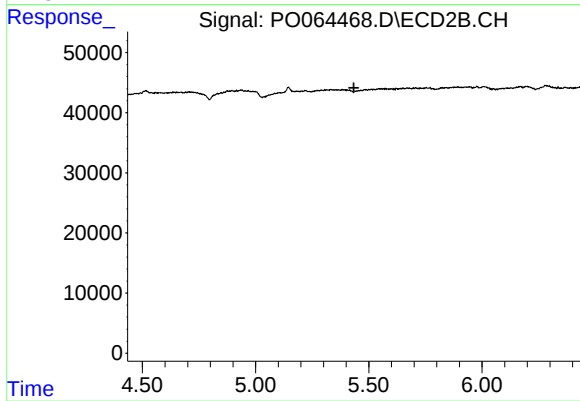
#19 AR-1242-4

R.T.: 4.940 min
Delta R.T.: 0.025 min
Response: 12235
Conc: 21.57 ng/ml



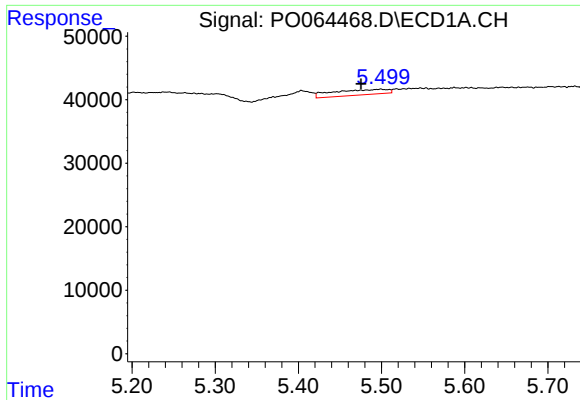
#20 AR-1242-5

R.T.: 6.390 min
Delta R.T.: 0.000 min
Response: 9365
Conc: 11.08 ng/ml



#20 AR-1242-5

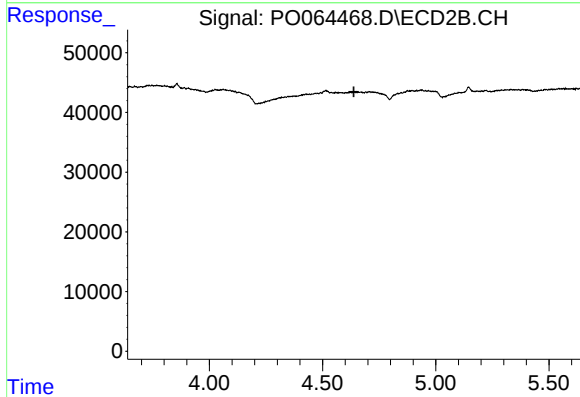
R.T.: 0.000 min
Exp R.T.: 5.434 min
Response: 0
Conc: N.D.



#21 AR-1248-1

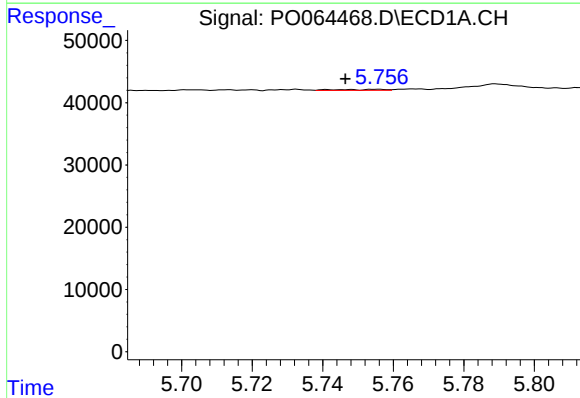
R.T.: 5.499 min
Delta R.T.: 0.024 min
Response: 39102
Conc: 69.71 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



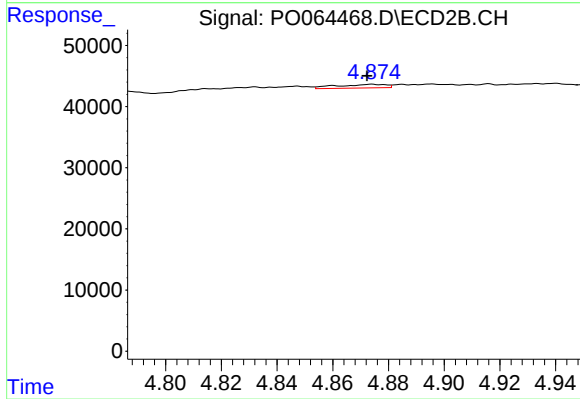
#21 AR-1248-1

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



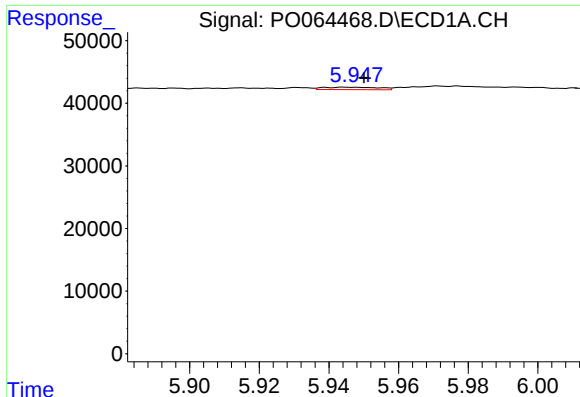
#22 AR-1248-2

R.T.: 5.756 min
Delta R.T.: 0.009 min
Response: 1536
Conc: 1.85 ng/ml



#22 AR-1248-2

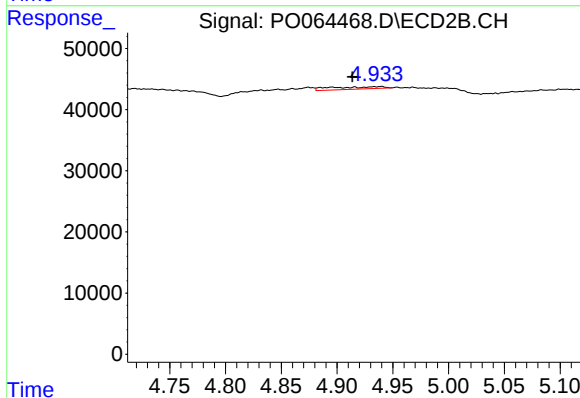
R.T.: 4.874 min
Delta R.T.: 0.002 min
Response: 7172
Conc: 11.41 ng/ml



#23 AR-1248-3

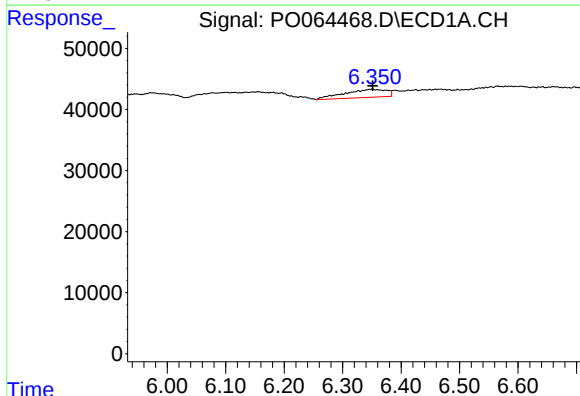
R.T.: 5.945 min
Delta R.T.: -0.005 min
Response: 4282
Conc: 4.65 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



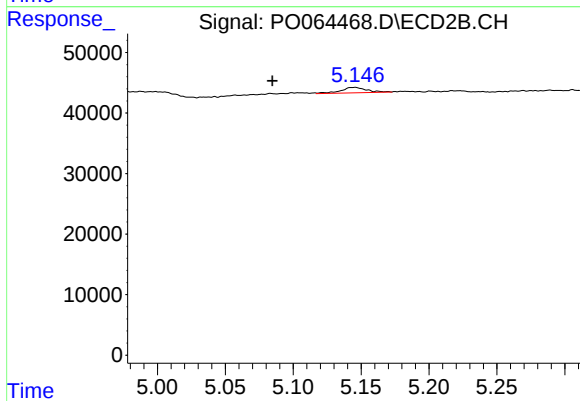
#23 AR-1248-3

R.T.: 4.940 min
Delta R.T.: 0.026 min
Response: 12235
Conc: 18.96 ng/ml



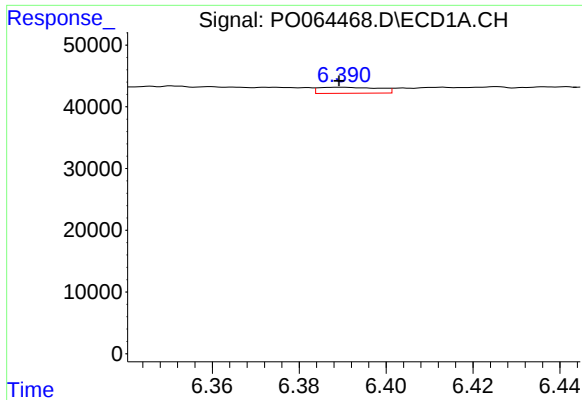
#24 AR-1248-4

R.T.: 6.351 min
Delta R.T.: 0.000 min
Response: 66824
Conc: 60.29 ng/ml



#24 AR-1248-4

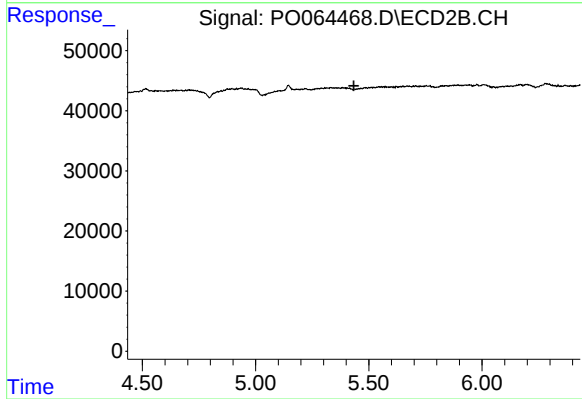
R.T.: 5.145 min
Delta R.T.: 0.061 min
Response: 11905
Conc: 15.10 ng/ml



#25 AR-1248-5

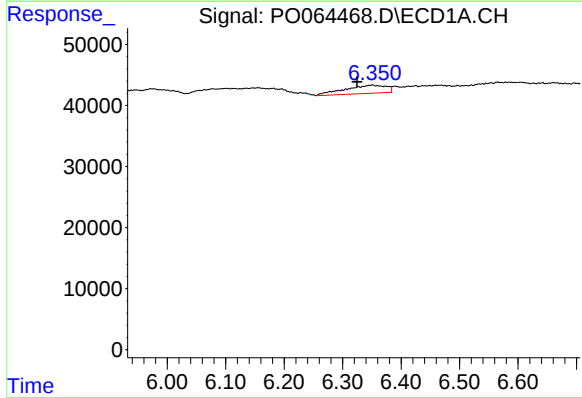
R.T.: 6.390 min
Delta R.T.: 0.000 min
Response: 9365
Conc: 8.73 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



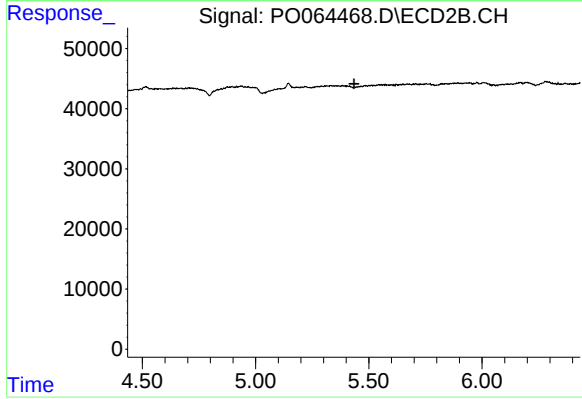
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T. : 5.434 min
Response: 0
Conc: N.D.



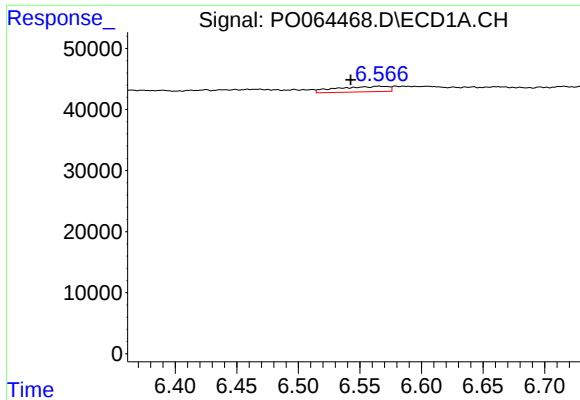
#26 AR-1254-1

R.T.: 6.351 min
Delta R.T.: 0.026 min
Response: 66824
Conc: 40.94 ng/ml



#26 AR-1254-1

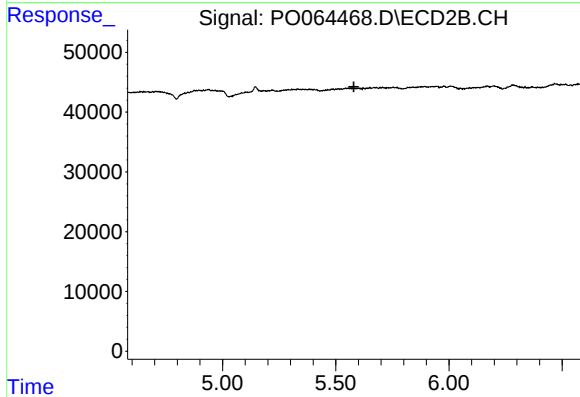
R.T.: 0.000 min
Exp R.T. : 5.435 min
Response: 0
Conc: N.D.



#27 AR-1254-2

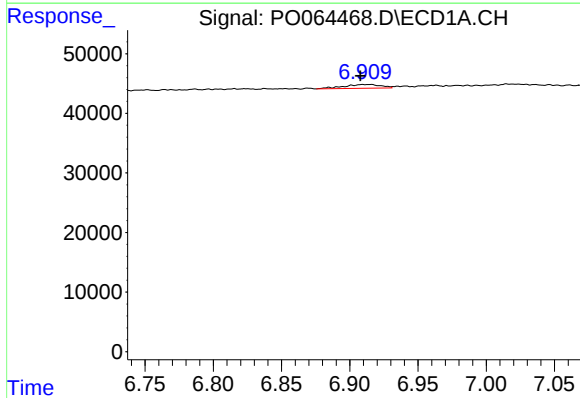
R.T.: 6.565 min
Delta R.T.: 0.023 min
Response: 26525
Conc: 10.18 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



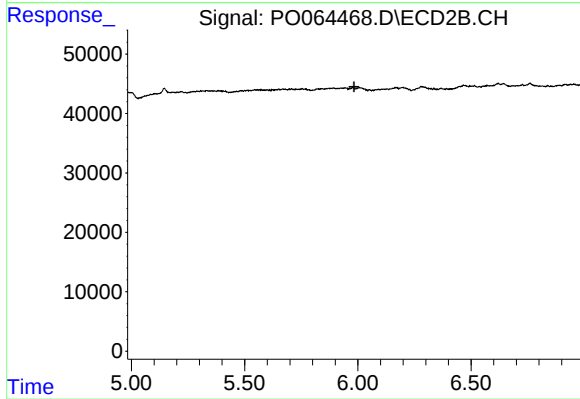
#27 AR-1254-2

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



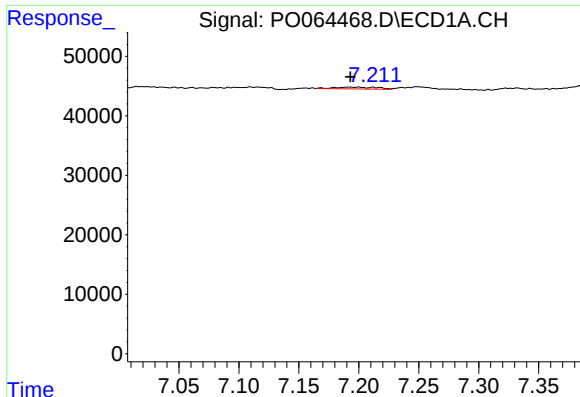
#28 AR-1254-3

R.T.: 6.915 min
Delta R.T.: 0.007 min
Response: 12135
Conc: 4.20 ng/ml



#28 AR-1254-3

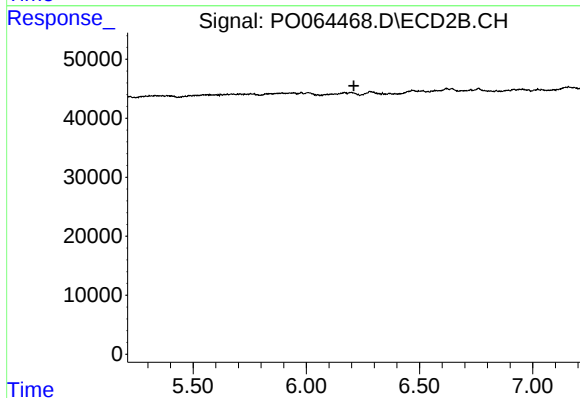
R.T.: 0.000 min
Exp R.T. : 5.983 min
Response: 0
Conc: N.D.



#29 AR-1254-4

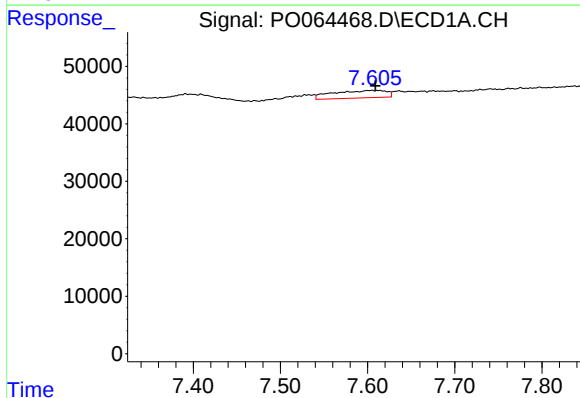
R.T.: 7.200 min
Delta R.T.: 0.007 min
Response: 7482
Conc: 3.27 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



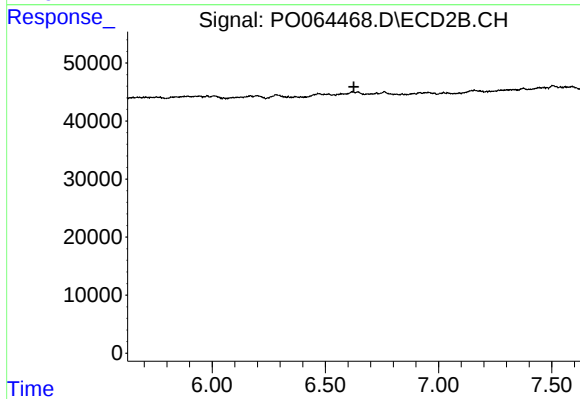
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T. : 6.210 min
Response: 0
Conc: N.D.



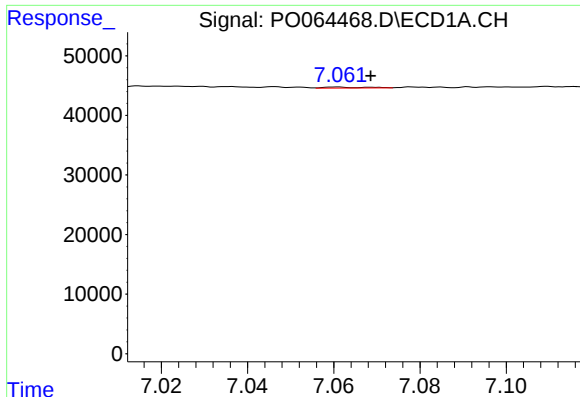
#30 AR-1254-5

R.T.: 7.605 min
Delta R.T.: -0.004 min
Response: 55330
Conc: 21.65 ng/ml



#30 AR-1254-5

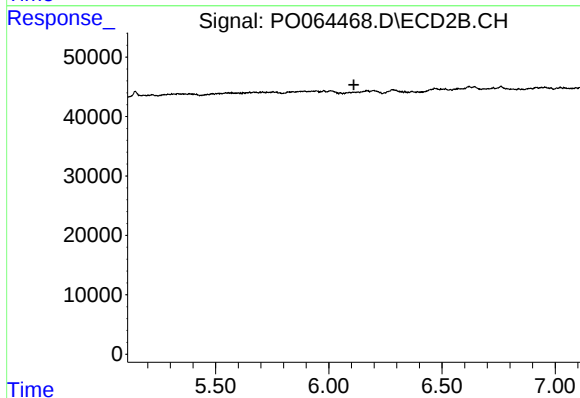
R.T.: 0.000 min
Exp R.T. : 6.626 min
Response: 0
Conc: N.D.



#31 AR-1260-1

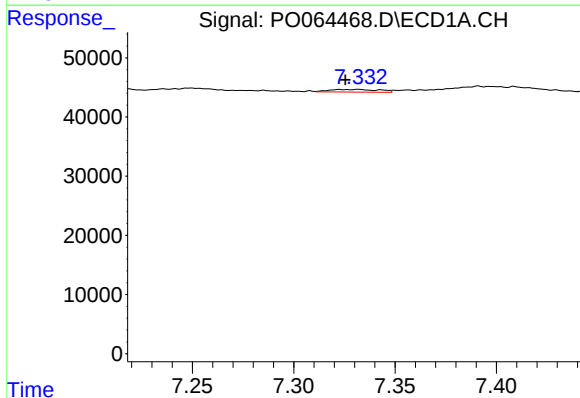
R.T.: 7.061 min
Delta R.T.: -0.008 min
Response: 1119
Conc: 0.59 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



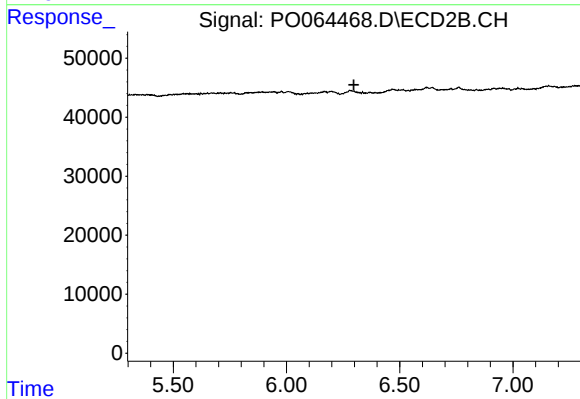
#31 AR-1260-1

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



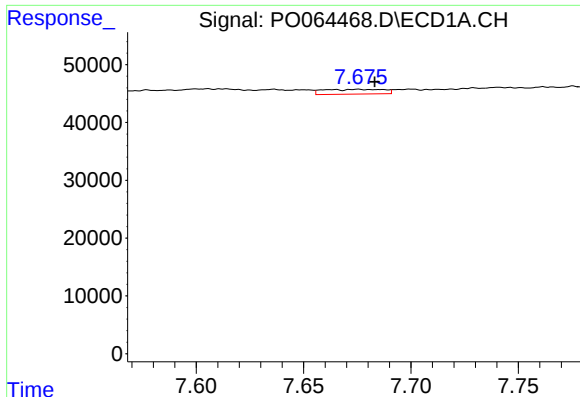
#32 AR-1260-2

R.T.: 7.332 min
Delta R.T.: 0.007 min
Response: 7588
Conc: 3.24 ng/ml



#32 AR-1260-2

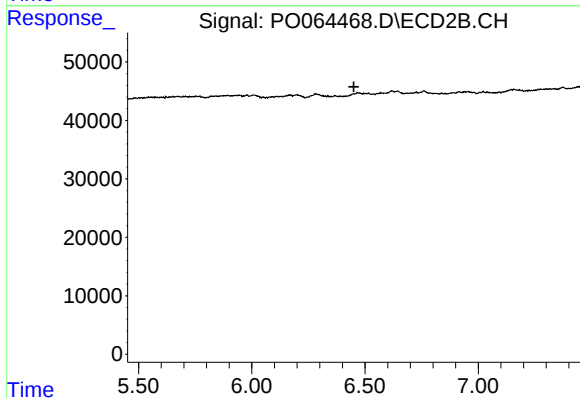
R.T.: 0.000 min
Exp R.T. : 6.297 min
Response: 0
Conc: N.D.



#33 AR-1260-3

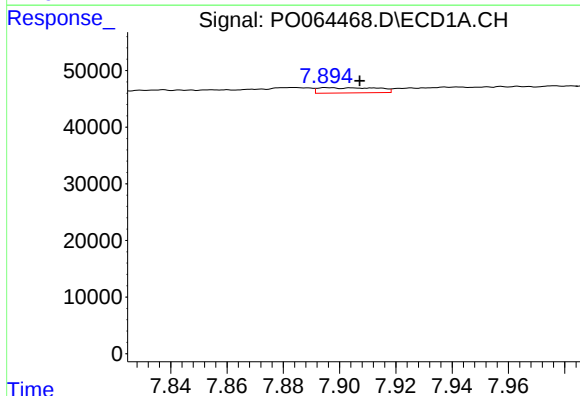
R.T.: 7.675 min
Delta R.T.: -0.008 min
Response: 16034
Conc: 8.66 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



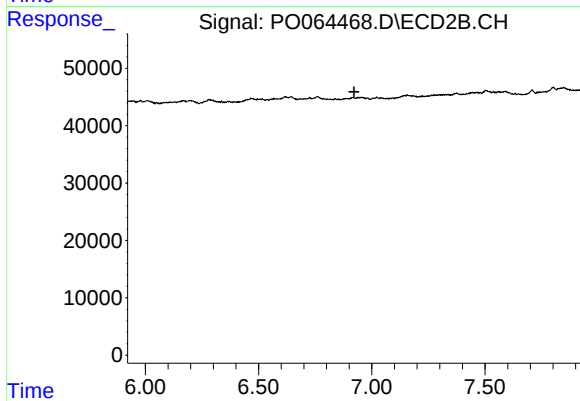
#33 AR-1260-3

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



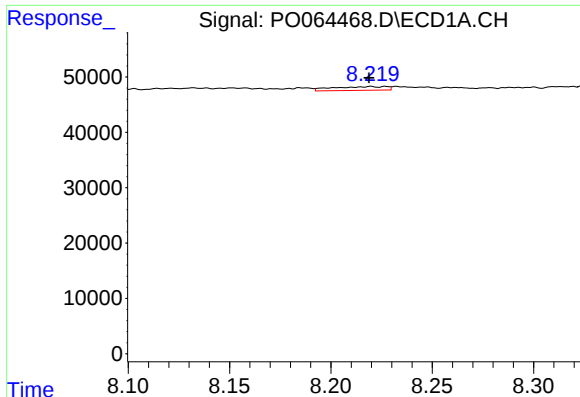
#34 AR-1260-4

R.T.: 7.896 min
Delta R.T.: -0.011 min
Response: 13533
Conc: 6.17 ng/ml



#34 AR-1260-4

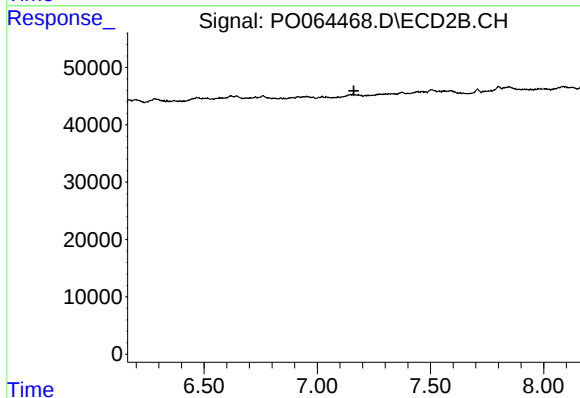
R.T.: 0.000 min
Exp R.T. : 6.921 min
Response: 0
Conc: N.D.



#35 AR-1260-5

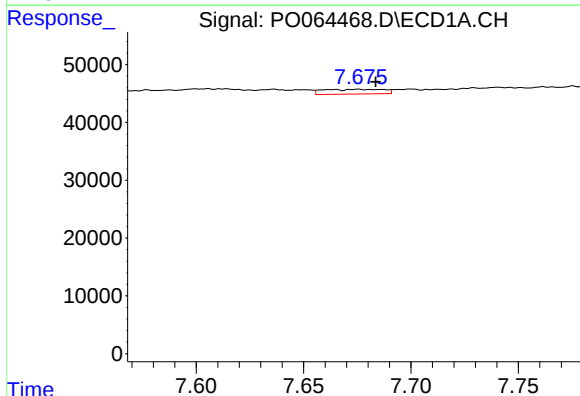
R.T.: 8.220 min
Delta R.T.: 0.000 min
Response: 12594
Conc: 2.85 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



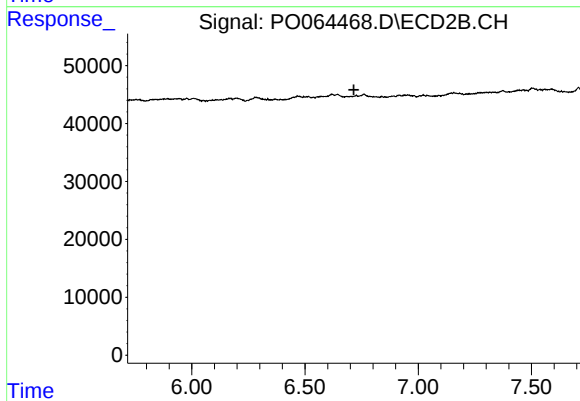
#35 AR-1260-5

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



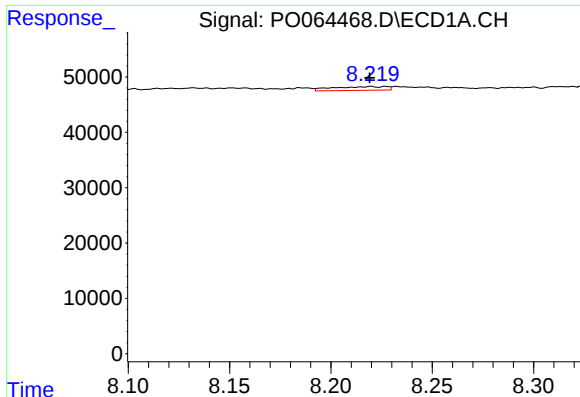
#36 AR-1262-1

R.T.: 7.675 min
Delta R.T.: -0.008 min
Response: 16034
Conc: 5.37 ng/ml



#36 AR-1262-1

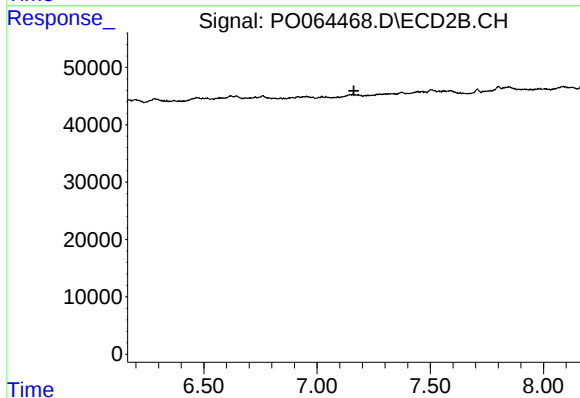
R.T.: 0.000 min
Exp R.T. : 6.716 min
Response: 0
Conc: N.D.



#37 AR-1262-2

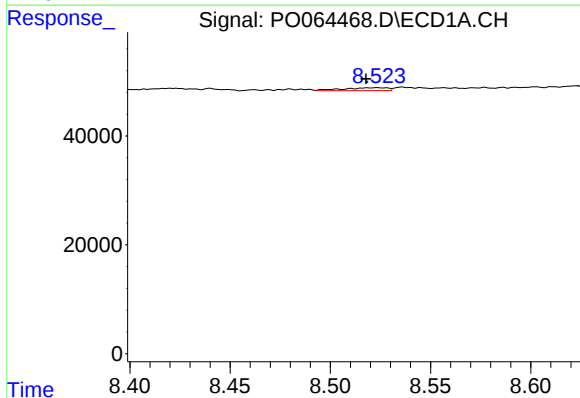
R.T.: 8.220 min
Delta R.T.: 0.000 min
Response: 12594
Conc: 2.28 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



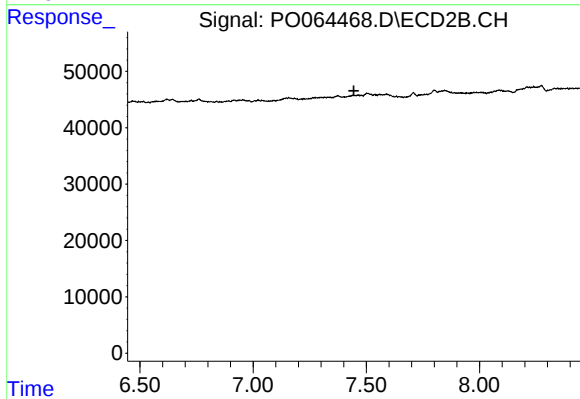
#37 AR-1262-2

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



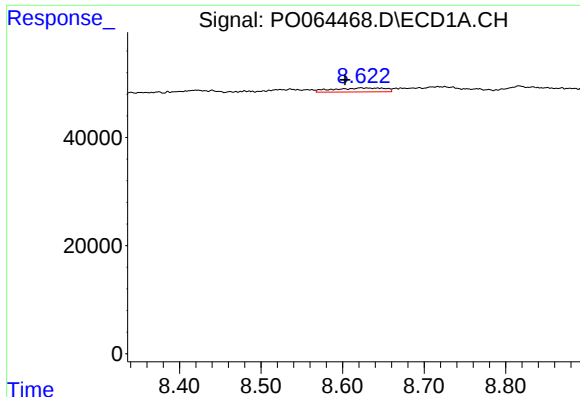
#38 AR-1262-3

R.T.: 8.524 min
Delta R.T.: 0.006 min
Response: 8257
Conc: 2.13 ng/ml



#38 AR-1262-3

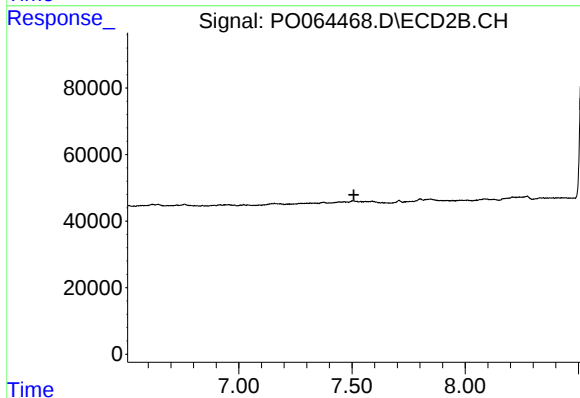
R.T.: 0.000 min
Exp R.T. : 7.445 min
Response: 0
Conc: N.D.



#39 AR-1262-4

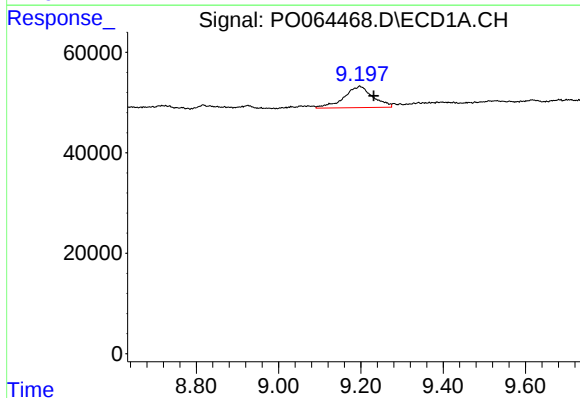
R.T.: 8.622 min
Delta R.T.: 0.020 min
Response: 32413
Conc: 11.09 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



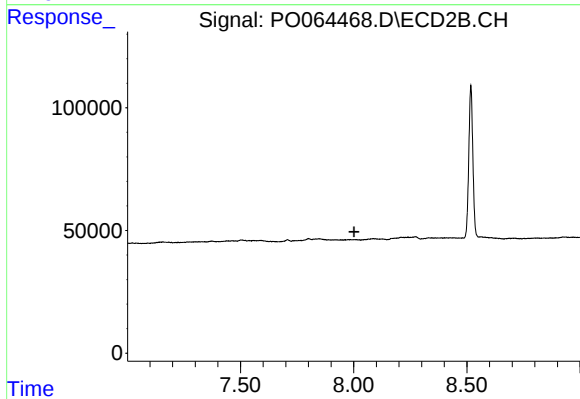
#39 AR-1262-4

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



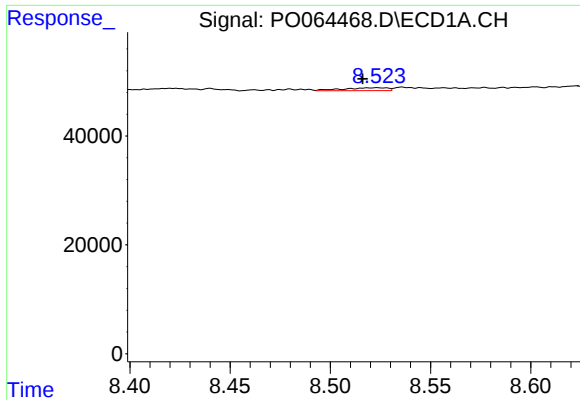
#40 AR-1262-5

R.T.: 9.197 min
Delta R.T.: -0.034 min
Response: 207543
Conc: 98.88 ng/ml



#40 AR-1262-5

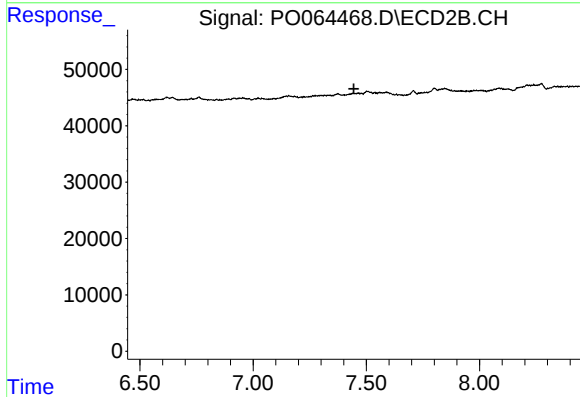
R.T.: 0.000 min
Exp R.T. : 8.001 min
Response: 0
Conc: N.D.



#41 AR-1268-1

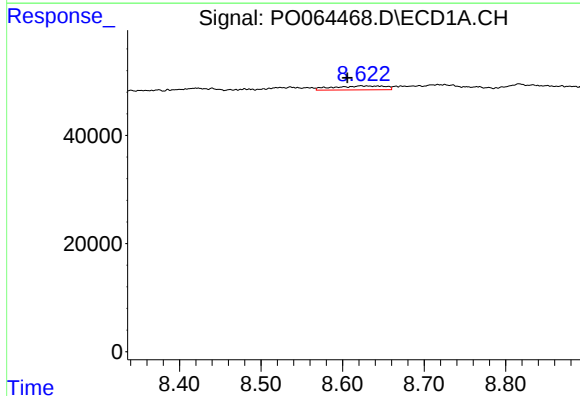
R.T.: 8.524 min
Delta R.T.: 0.008 min
Response: 8257
Conc: 1.27 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



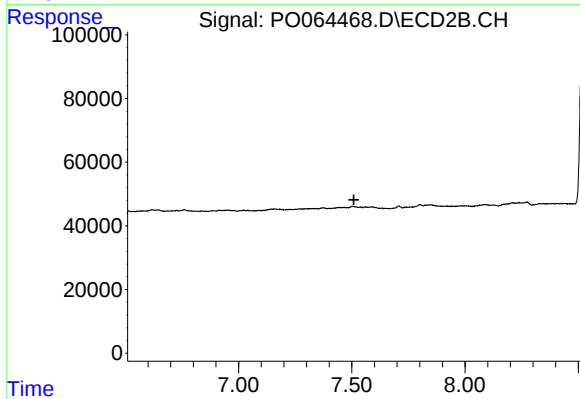
#41 AR-1268-1

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



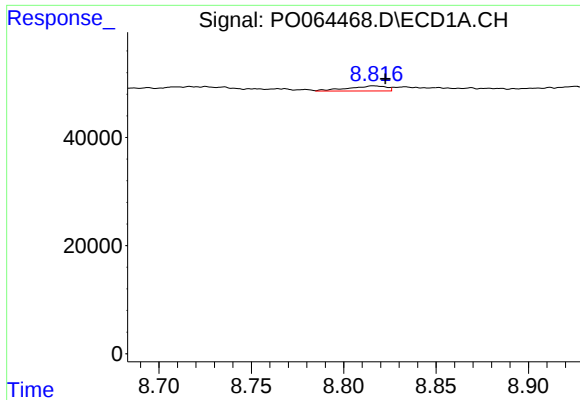
#42 AR-1268-2

R.T.: 8.622 min
Delta R.T.: 0.016 min
Response: 32413
Conc: 5.36 ng/ml



#42 AR-1268-2

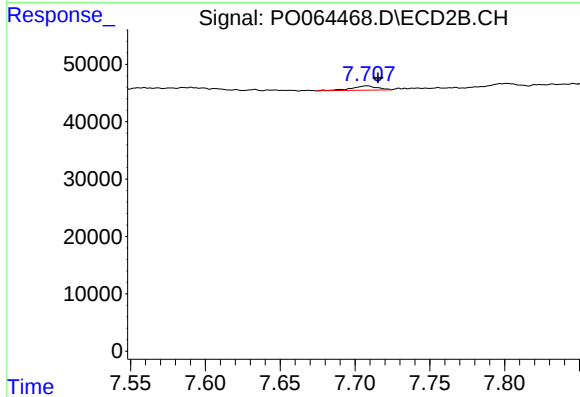
R.T.: 0.000 min
Exp R.T. : 7.510 min
Response: 0
Conc: N.D.



#43 AR-1268-3

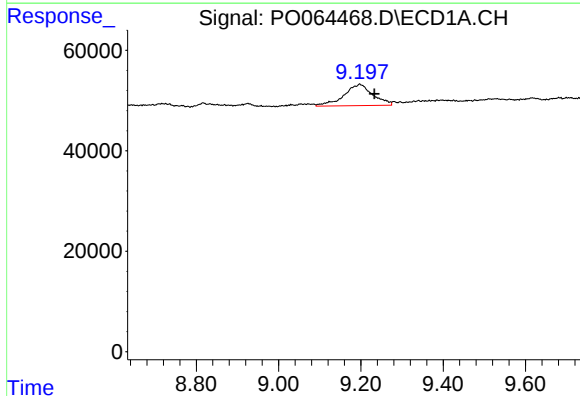
R.T.: 8.816 min
Delta R.T.: -0.006 min
Response: 13539
Conc: 2.73 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



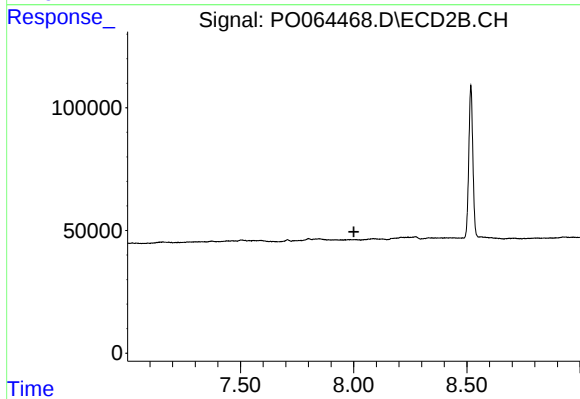
#43 AR-1268-3

R.T.: 7.708 min
Delta R.T.: -0.007 min
Response: 8670
Conc: 1.66 ng/ml



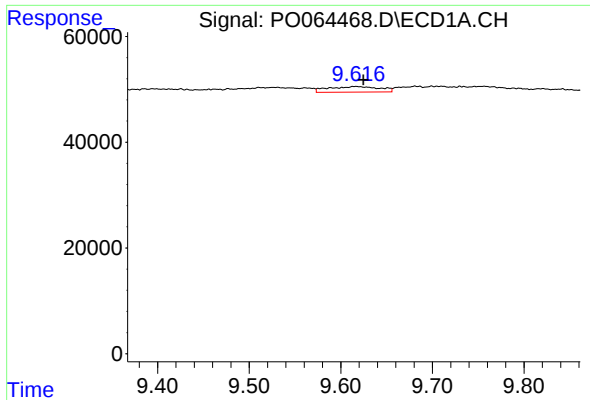
#44 AR-1268-4

R.T.: 9.197 min
Delta R.T.: -0.036 min
Response: 207543
Conc: 88.71 ng/ml



#44 AR-1268-4

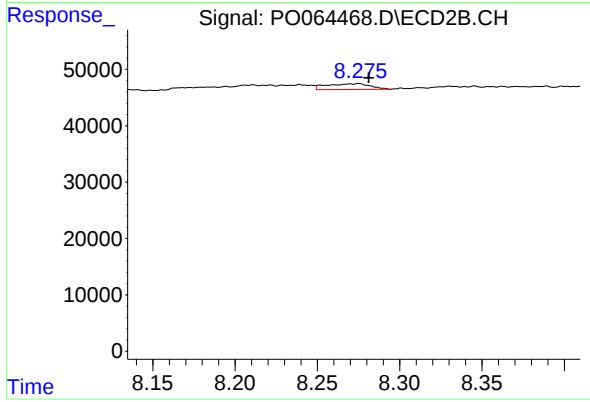
R.T.: 0.000 min
Exp R.T.: 8.001 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.616 min
Delta R.T.: -0.008 min
Response: 41090
Conc: 2.67 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



#45 AR-1268-5

R.T.: 8.275 min
Delta R.T.: -0.006 min
Response: 18703
Conc: 1.13 ng/ml