

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0082919\
 Data File : P0060026.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 29 Aug 2019 17:55
 Operator : SM/AJ
 Sample : K4596-12
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 EB-4-082819

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 30 01:05:48 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0081719.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Aug 28 13:30:59 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...	4.128	3.501	881819	729099	25.186	20.255
2)	SA Decachlor...	9.591	8.357	526354	385625	9.894	9.564
Target Compounds							
3)	L1 AR-1016-1	5.269	0.000	1009	0	0.629	N.D. #
4)	L1 AR-1016-2	5.301	0.000	1870	0	0.782	N.D. #
5)	L1 AR-1016-3	5.347	0.000	4328	0	2.906	N.D. #
6)	L1 AR-1016-4	5.466	0.000	923	0	0.763	N.D. #
7)	L1 AR-1016-5	5.750	0.000	613	0	0.477	N.D. #
8)	L2 AR-1221-1	4.367	0.000	1479	0	3.492	N.D. #
9)	L2 AR-1221-2	4.426	0.000	13552	0	41.726	N.D. #
10)	L2 AR-1221-3	4.494	0.000	1271	0	1.208	N.D. #
11)	L3 AR-1232-1	4.494	0.000	1271	0	1.020	N.D. #
12)	L3 AR-1232-2	5.008	0.000	6212	0	8.794	N.D. #
13)	L3 AR-1232-3	5.301	0.000	1870	0	1.221	N.D. #
14)	L3 AR-1232-4	5.542	0.000	2775	0	3.549	N.D. #
15)	L3 AR-1232-5	5.592	0.000	2028	0	3.373	N.D. #
16)	L4 AR-1242-1	5.301	0.000	1870	0	1.473	N.D. #
17)	L4 AR-1242-2	5.301	0.000	1870	0	1.008	N.D. #
18)	L4 AR-1242-3	5.347	0.000	4328	0	3.703	N.D. #
19)	L4 AR-1242-4	5.542	0.000	2775	0	2.867	N.D. #
20)	L4 AR-1242-5	6.238	0.000	8184	0	6.513	N.D. #
21)	L5 AR-1248-1	5.269	0.000	1009	0	1.006	N.D. #
22)	L5 AR-1248-2	5.542	0.000	2775	0	1.912	N.D. #
23)	L5 AR-1248-3	5.726	0.000	2074	0	1.248	N.D. #
24)	L5 AR-1248-4	6.118	0.000	3749	0	1.834	N.D. #
25)	L5 AR-1248-5	6.186	0.000	22631	0	11.412	N.D. #
26)	L6 AR-1254-1	6.118	0.000	3749	0	1.797	N.D. #
27)	L6 AR-1254-2	6.309	0.000	570	0	0.171	N.D. #
28)	L6 AR-1254-3	6.670	0.000	1448	0	0.408	N.D. #
29)	L6 AR-1254-4	6.982	0.000	3877	0	1.316	N.D. #
30)	L6 AR-1254-5	7.416	0.000	9068	0	2.932	N.D. #
31)	L7 AR-1260-1	6.872	0.000	4170	0	1.547	N.D. #
32)	L7 AR-1260-2	7.095	0.000	14520	0	3.913	N.D. #
33)	L7 AR-1260-3	7.416	6.368	9068	17707	2.768	6.684 #
34)	L7 AR-1260-4	7.622	0.000	25113	0	8.176	N.D. #
35)	L7 AR-1260-5	8.001	0.000	47868	0	6.760	N.D. #
36)	L8 AR-1262-1	7.507	0.000	21609	0	4.453	N.D. #
37)	L8 AR-1262-2	8.001	0.000	47868	0	6.204	N.D. #
38)	L8 AR-1262-3	8.316	0.000	380573	0	74.588	N.D. #
39)	L8 AR-1262-4	8.332	0.000	34415	0	8.928	N.D. #
40)	L8 AR-1262-5	8.933	0.000	18868	0	7.351	N.D. #
41)	L9 AR-1268-1	8.316	0.000	380573	0	40.441	N.D. #

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 Acq On : 29 Aug 2019 17:55
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 Misc :
 ALS Vial : 26 Sample Multiplier: 1

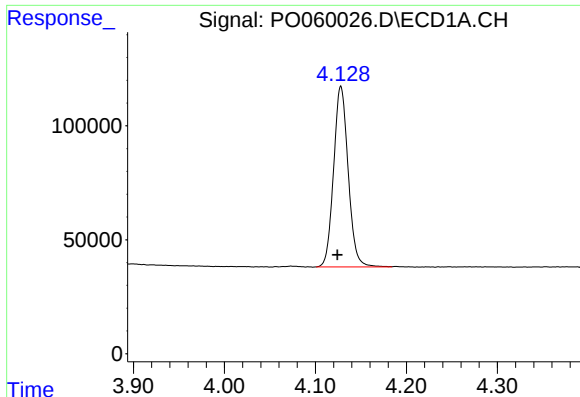
Instrument :
 ECD_O
 ClientSampleId :
 EB-4-082819

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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 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	8.332	0.000	34415	0	4.366	N.D.	#
43)	L9 AR-1268-3	8.608	0.000	34528	0	4.898	N.D.	#
44)	L9 AR-1268-4	8.933	0.000	18868	0	6.787	N.D.	#
45)	L9 AR-1268-5	9.371	0.000	32910	0	1.785	N.D.	#

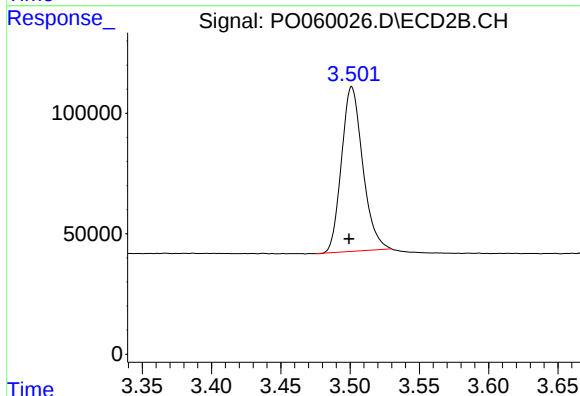
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

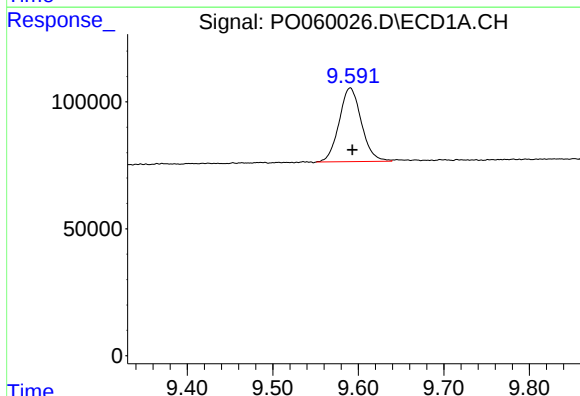
R.T.: 4.128 min
Delta R.T.: 0.004 min
Response: 881819
Conc: 25.19 ng/ml

Instrument :
ECD_O
ClientSampleId :
EB-4-082819



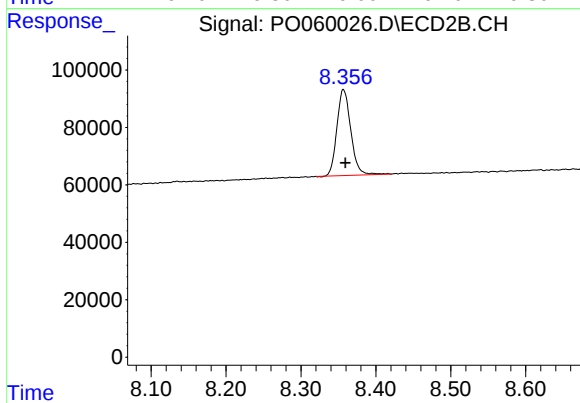
#1 Tetrachloro-m-xylene

R.T.: 3.501 min
Delta R.T.: 0.002 min
Response: 729099
Conc: 20.26 ng/ml



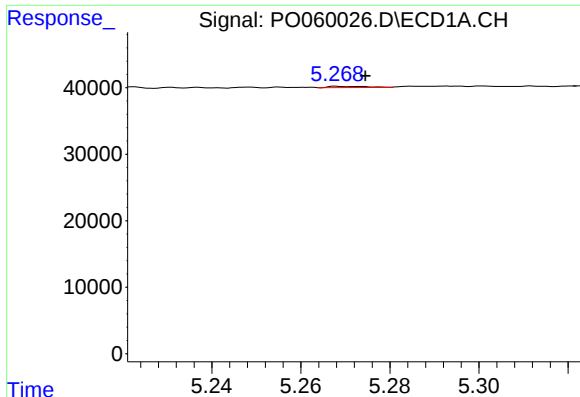
#2 Decachlorobiphenyl

R.T.: 9.591 min
Delta R.T.: -0.003 min
Response: 526354
Conc: 9.89 ng/ml



#2 Decachlorobiphenyl

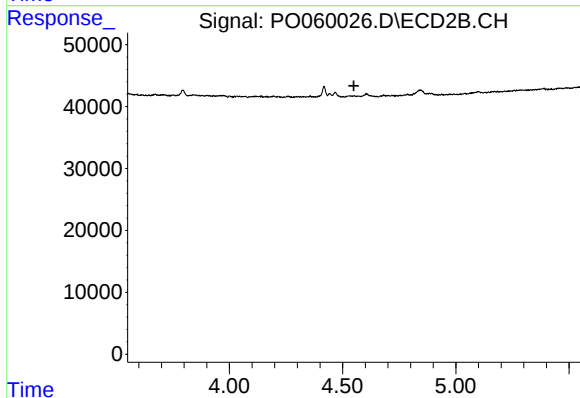
R.T.: 8.357 min
Delta R.T.: -0.002 min
Response: 385625
Conc: 9.56 ng/ml



#3 AR-1016-1

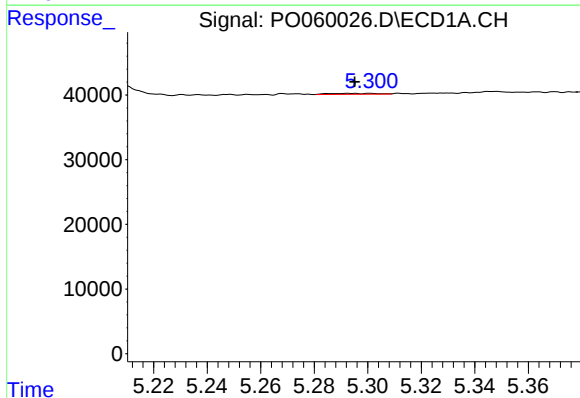
R.T.: 5.269 min
Delta R.T.: -0.006 min
Response: 1009
Conc: 0.63 ng/ml

Instrument :
ECD_O
ClientSampleId :
EB-4-082819



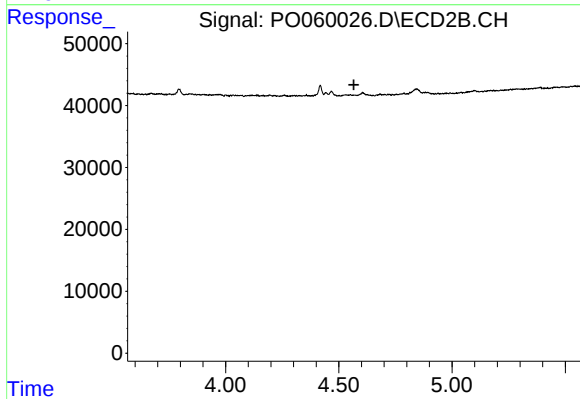
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 4.550 min
Response: 0
Conc: N.D.



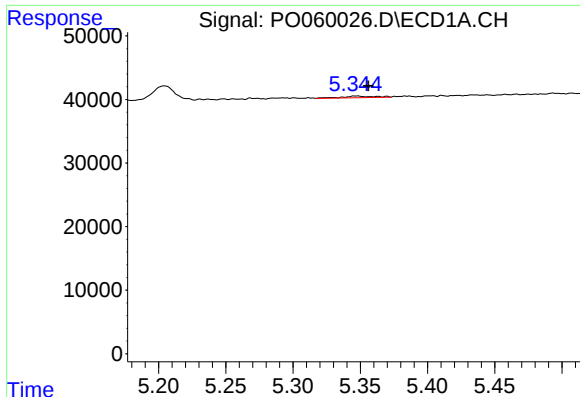
#4 AR-1016-2

R.T.: 5.301 min
Delta R.T.: 0.006 min
Response: 1870
Conc: 0.78 ng/ml



#4 AR-1016-2

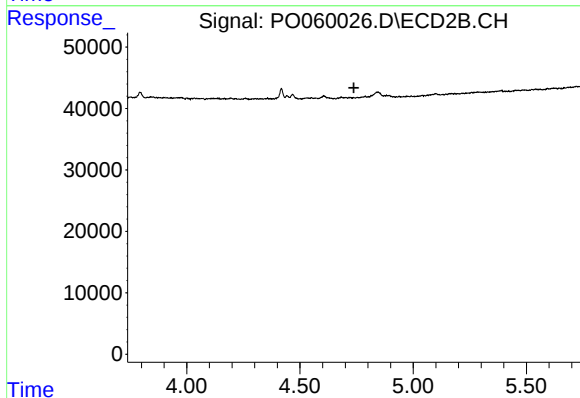
R.T.: 0.000 min
Exp R.T. : 4.566 min
Response: 0
Conc: N.D.



#5 AR-1016-3

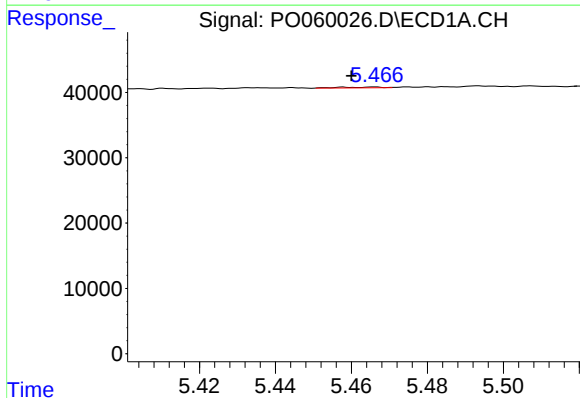
R.T.: 5.347 min
Delta R.T.: -0.009 min
Response: 4328
Conc: 2.91 ng/ml

Instrument :
ECD_O
ClientSampleId :
EB-4-082819



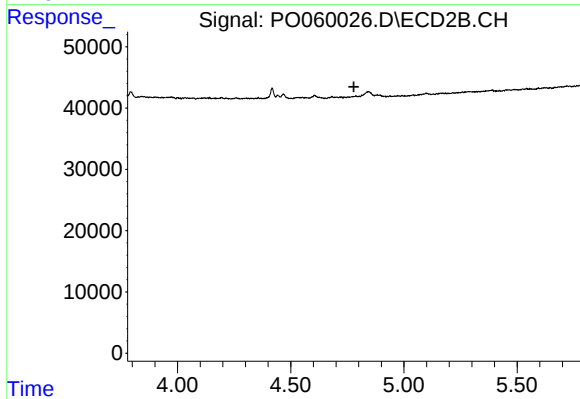
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 4.738 min
Response: 0
Conc: N.D.



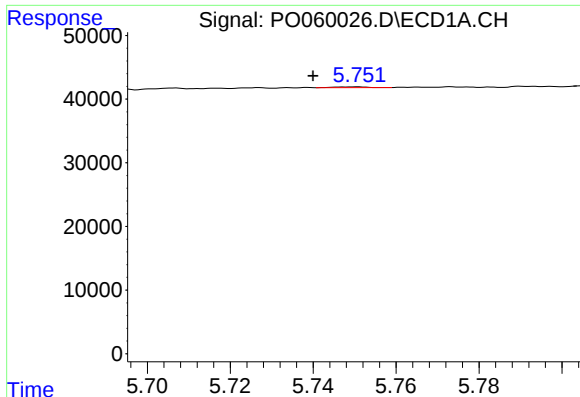
#6 AR-1016-4

R.T.: 5.466 min
Delta R.T.: 0.006 min
Response: 923
Conc: 0.76 ng/ml



#6 AR-1016-4

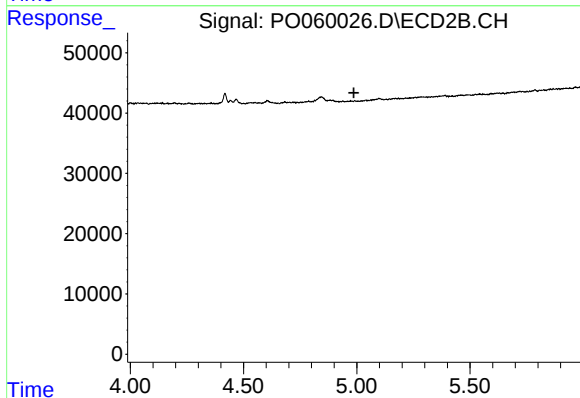
R.T.: 0.000 min
Exp R.T. : 4.779 min
Response: 0
Conc: N.D.



#7 AR-1016-5

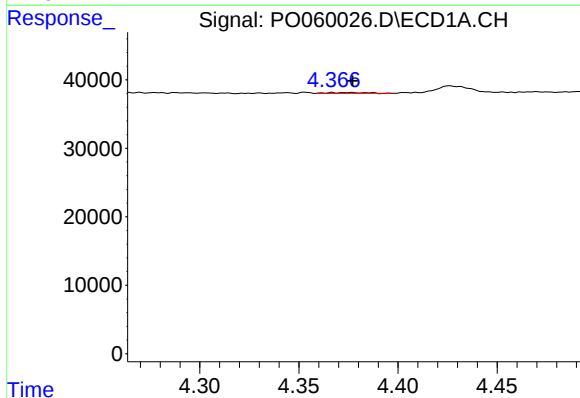
R.T.: 5.750 min
Delta R.T.: 0.010 min
Response: 613
Conc: 0.48 ng/ml

Instrument :
ECD_O
ClientSampleId :
EB-4-082819



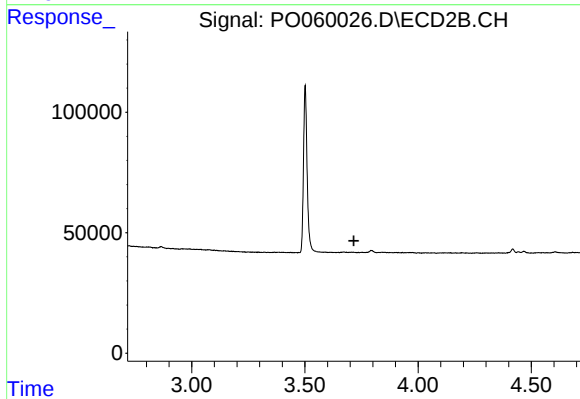
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 4.987 min
Response: 0
Conc: N.D.



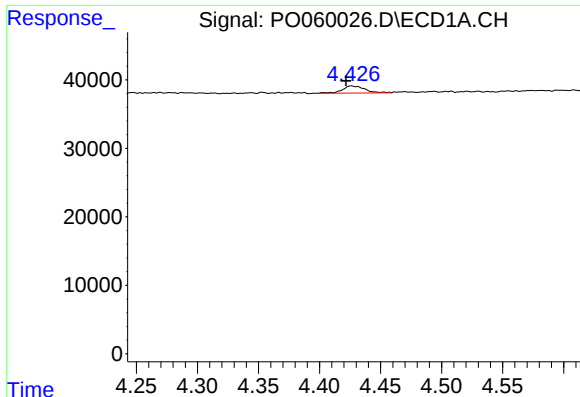
#8 AR-1221-1

R.T.: 4.367 min
Delta R.T.: -0.010 min
Response: 1479
Conc: 3.49 ng/ml



#8 AR-1221-1

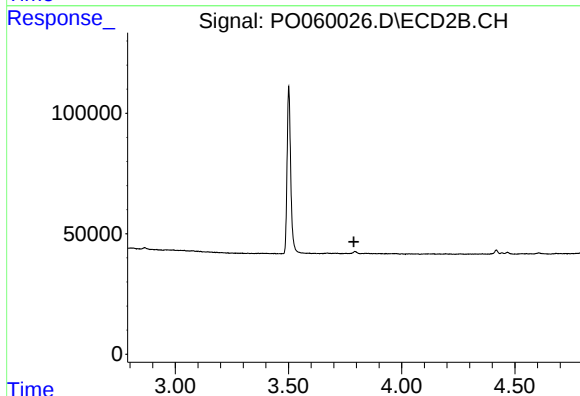
R.T.: 0.000 min
Exp R.T. : 3.717 min
Response: 0
Conc: N.D.



#9 AR-1221-2

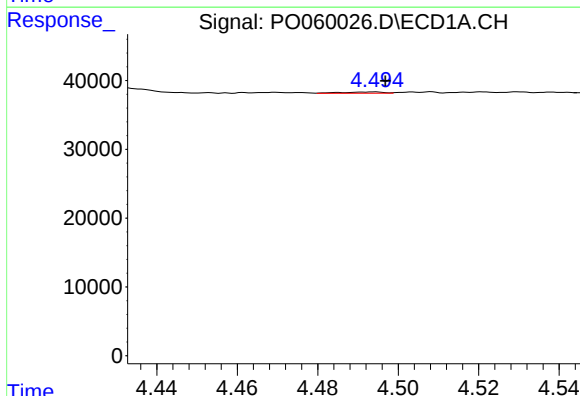
R.T.: 4.426 min
Delta R.T.: 0.004 min
Response: 13552
Conc: 41.73 ng/ml

Instrument :
ECD_O
ClientSampleId :
EB-4-082819



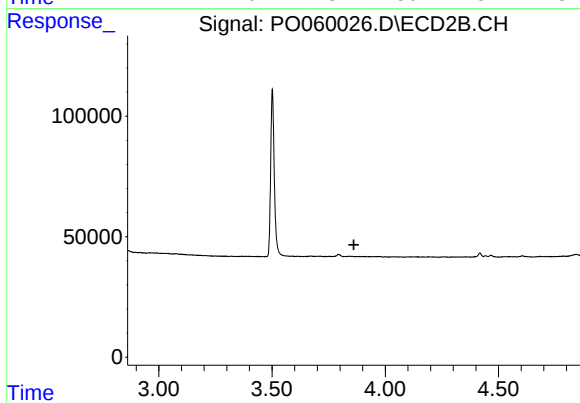
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 3.789 min
Response: 0
Conc: N.D.



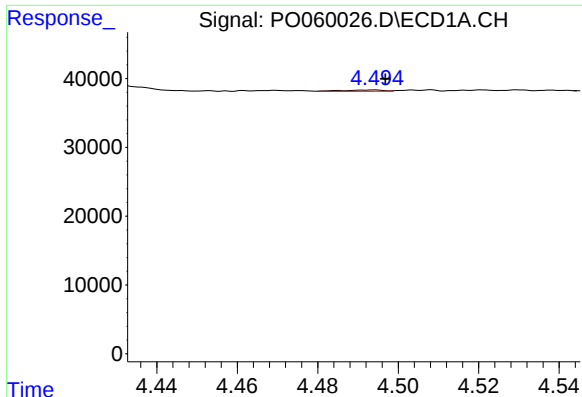
#10 AR-1221-3

R.T.: 4.494 min
Delta R.T.: -0.003 min
Response: 1271
Conc: 1.21 ng/ml



#10 AR-1221-3

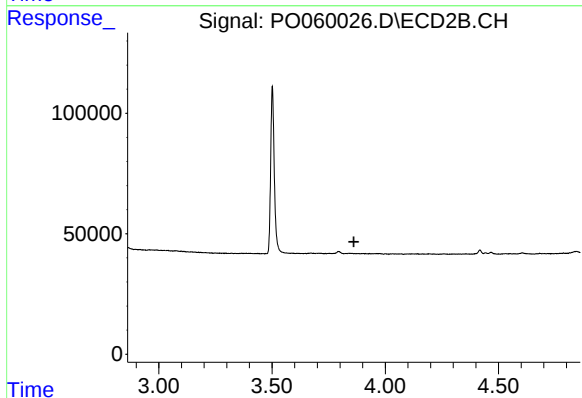
R.T.: 0.000 min
Exp R.T. : 3.862 min
Response: 0
Conc: N.D.



#11 AR-1232-1

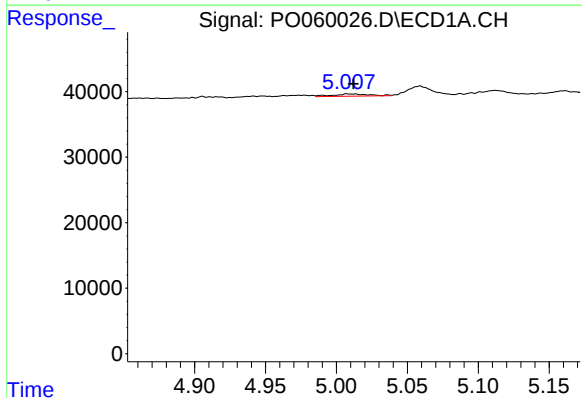
R.T.: 4.494 min
Delta R.T.: -0.003 min
Response: 1271
Conc: 1.02 ng/ml

Instrument :
ECD_O
ClientSampleId :
EB-4-082819



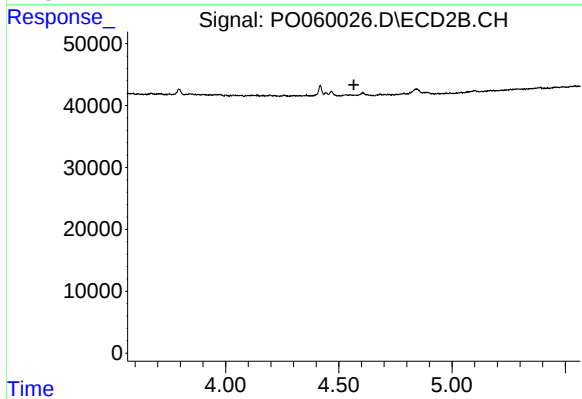
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 3.862 min
Response: 0
Conc: N.D.



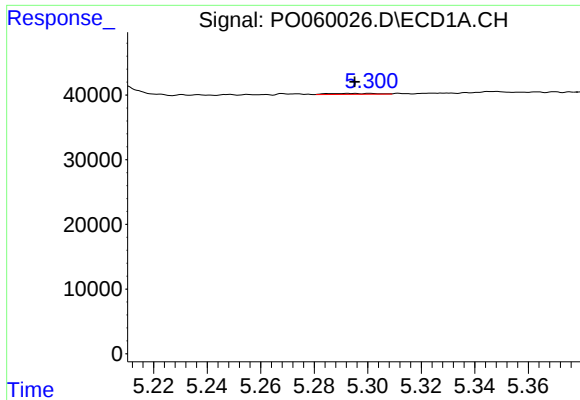
#12 AR-1232-2

R.T.: 5.008 min
Delta R.T.: -0.004 min
Response: 6212
Conc: 8.79 ng/ml



#12 AR-1232-2

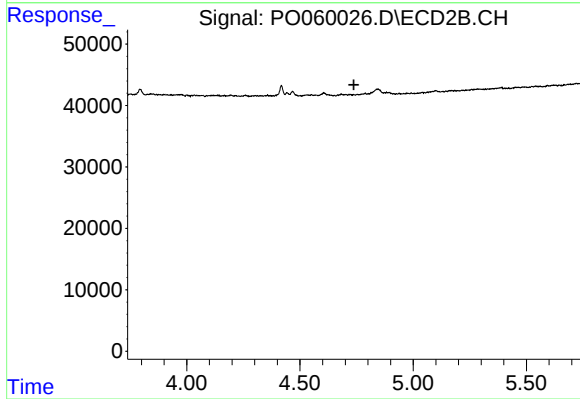
R.T.: 0.000 min
Exp R.T. : 4.566 min
Response: 0
Conc: N.D.



#13 AR-1232-3

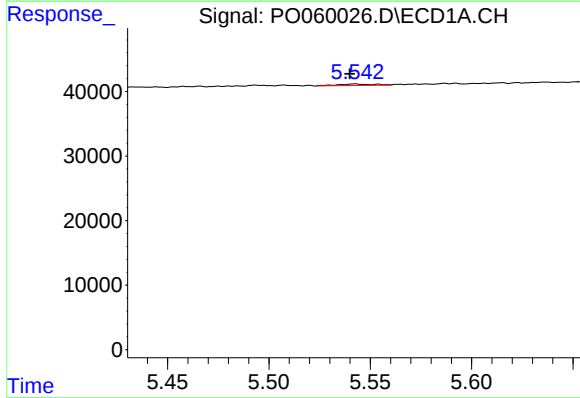
R.T.: 5.301 min
Delta R.T.: 0.006 min
Response: 1870
Conc: 1.22 ng/ml

Instrument :
ECD_O
ClientSampleId :
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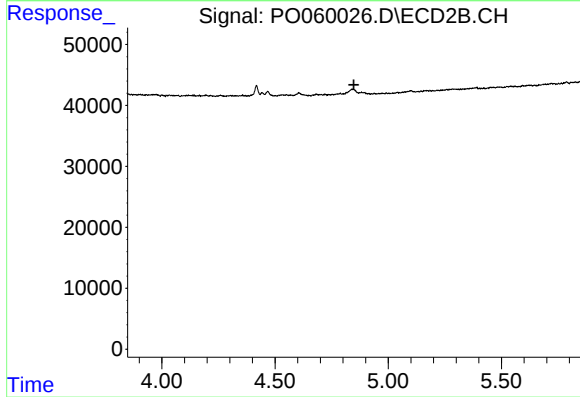
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 4.738 min
Response: 0
Conc: N.D.



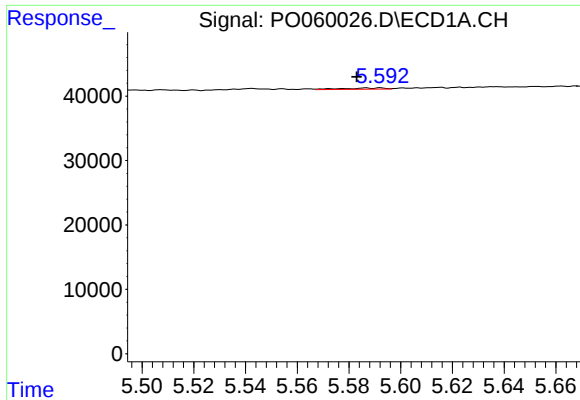
#14 AR-1232-4

R.T.: 5.542 min
Delta R.T.: 0.002 min
Response: 2775
Conc: 3.55 ng/ml



#14 AR-1232-4

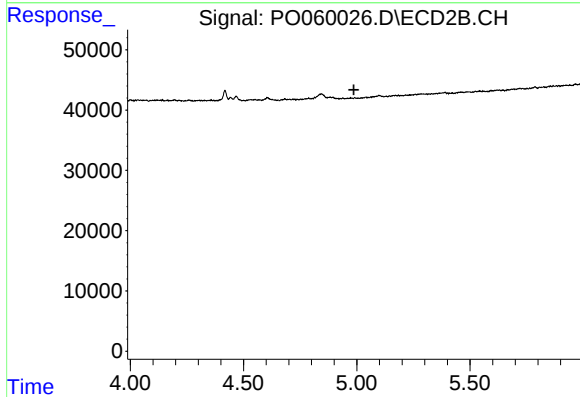
R.T.: 0.000 min
Exp R.T. : 4.848 min
Response: 0
Conc: N.D.



#15 AR-1232-5

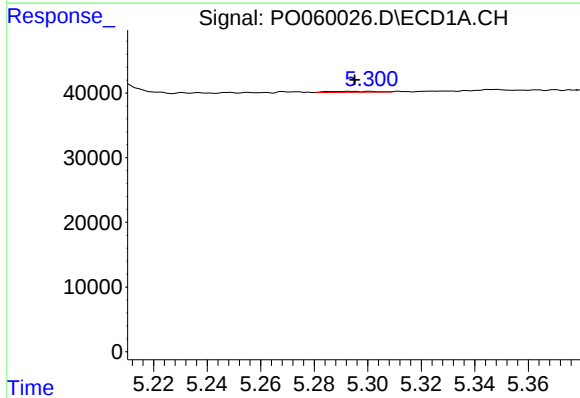
R.T.: 5.592 min
Delta R.T.: 0.009 min
Response: 2028
Conc: 3.37 ng/ml

Instrument :
ECD_O
ClientSampleId :
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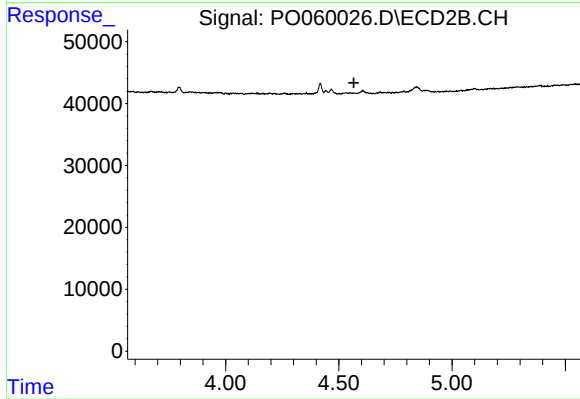
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 4.987 min
Response: 0
Conc: N.D.



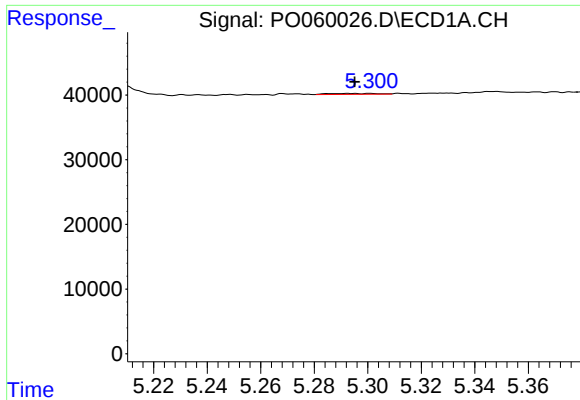
#16 AR-1242-1

R.T.: 5.301 min
Delta R.T.: 0.006 min
Response: 1870
Conc: 1.47 ng/ml



#16 AR-1242-1

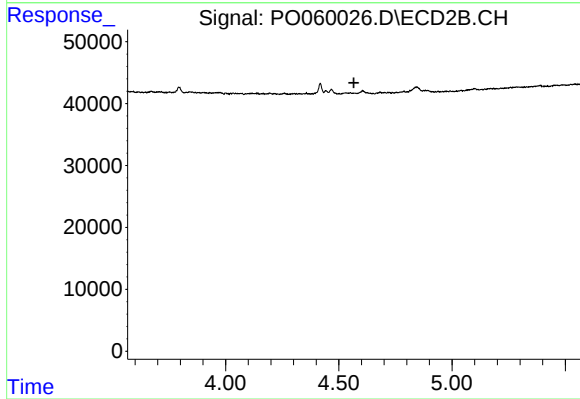
R.T.: 0.000 min
Exp R.T. : 4.566 min
Response: 0
Conc: N.D.



#17 AR-1242-2

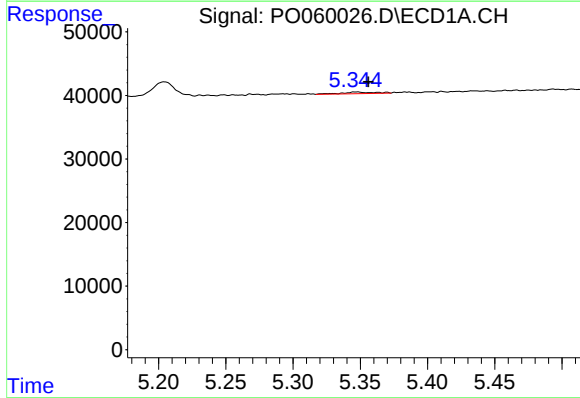
R.T.: 5.301 min
Delta R.T.: 0.006 min
Response: 1870
Conc: 1.01 ng/ml

Instrument :
ECD_O
ClientSampleId :
EB-4-082819



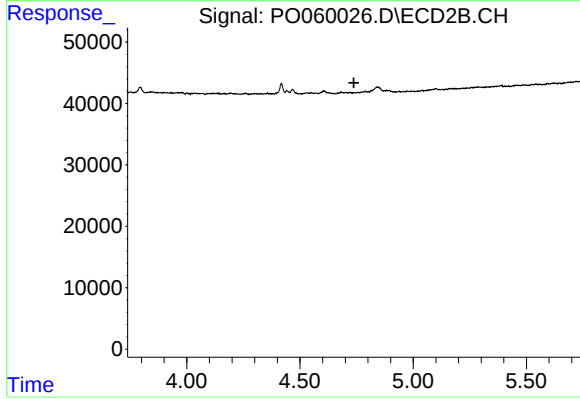
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 4.566 min
Response: 0
Conc: N.D.



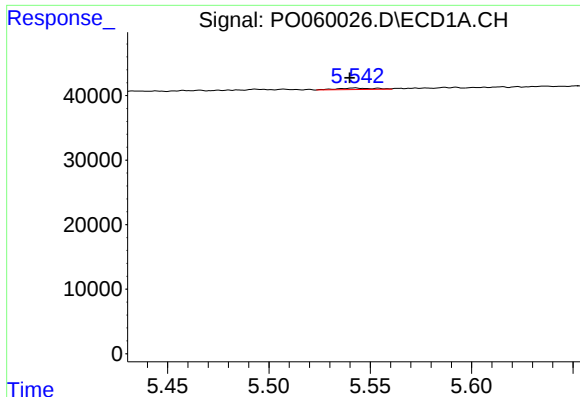
#18 AR-1242-3

R.T.: 5.347 min
Delta R.T.: -0.009 min
Response: 4328
Conc: 3.70 ng/ml



#18 AR-1242-3

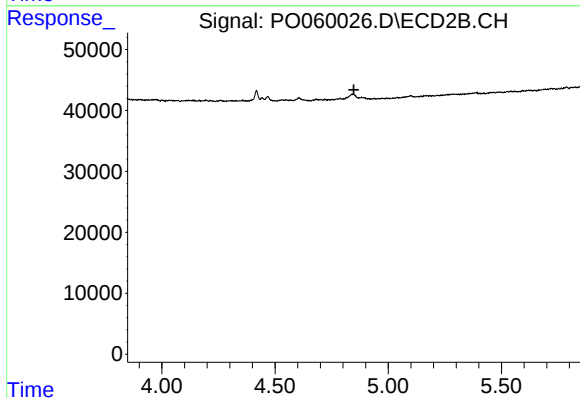
R.T.: 0.000 min
Exp R.T. : 4.738 min
Response: 0
Conc: N.D.



#19 AR-1242-4

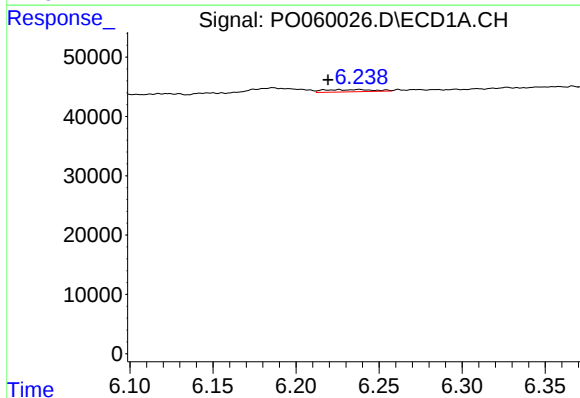
R.T.: 5.542 min
Delta R.T.: 0.002 min
Response: 2775
Conc: 2.87 ng/ml

Instrument :
ECD_O
ClientSampleId :
EB-4-082819



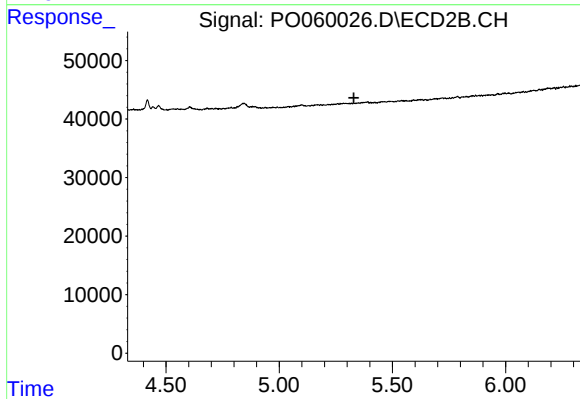
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 4.848 min
Response: 0
Conc: N.D.



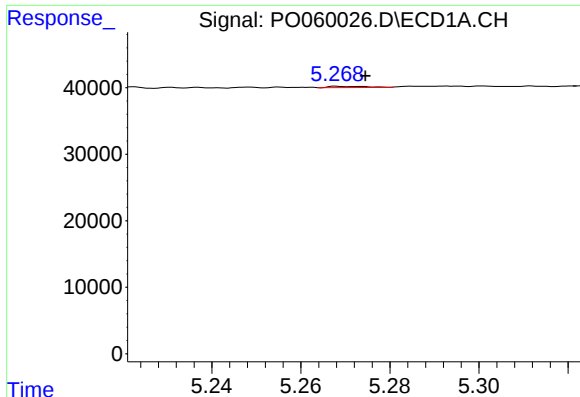
#20 AR-1242-5

R.T.: 6.238 min
Delta R.T.: 0.019 min
Response: 8184
Conc: 6.51 ng/ml



#20 AR-1242-5

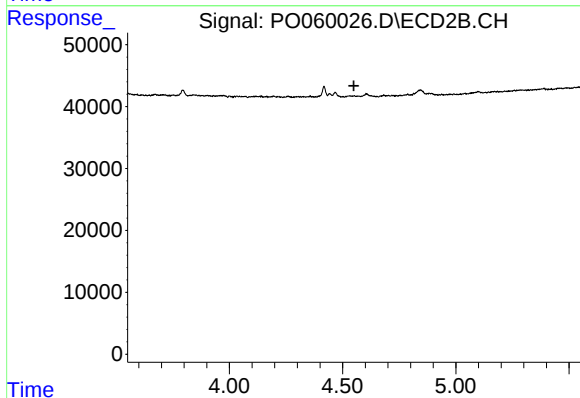
R.T.: 0.000 min
Exp R.T. : 5.330 min
Response: 0
Conc: N.D.



#21 AR-1248-1

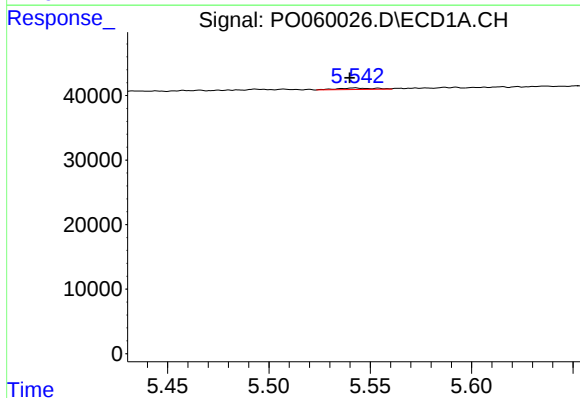
R.T.: 5.269 min
Delta R.T.: -0.006 min
Response: 1009
Conc: 1.01 ng/ml

Instrument :
ECD_O
ClientSampleId :
EB-4-082819



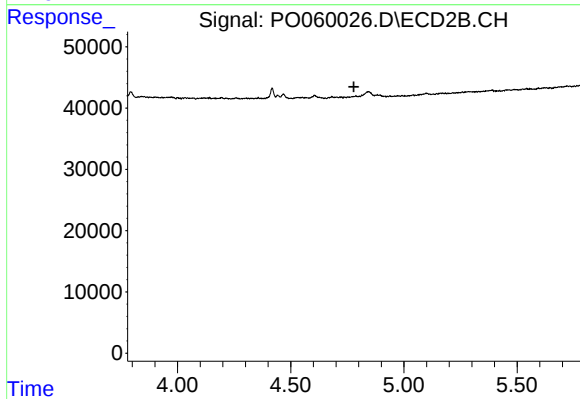
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 4.550 min
Response: 0
Conc: N.D.



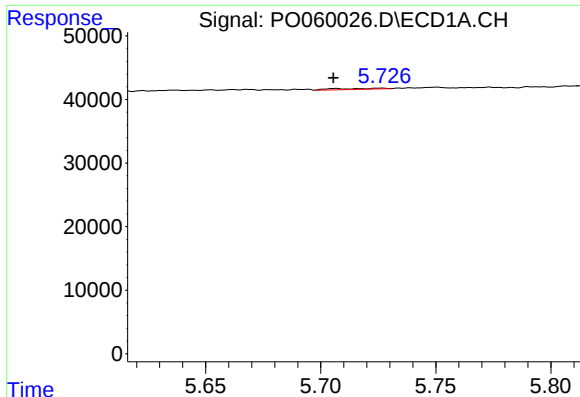
#22 AR-1248-2

R.T.: 5.542 min
Delta R.T.: 0.002 min
Response: 2775
Conc: 1.91 ng/ml



#22 AR-1248-2

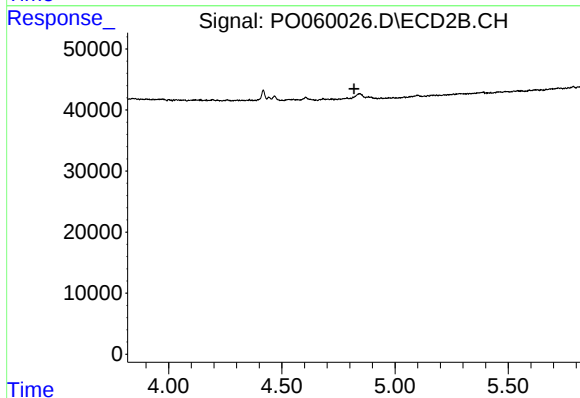
R.T.: 0.000 min
Exp R.T. : 4.779 min
Response: 0
Conc: N.D.



#23 AR-1248-3

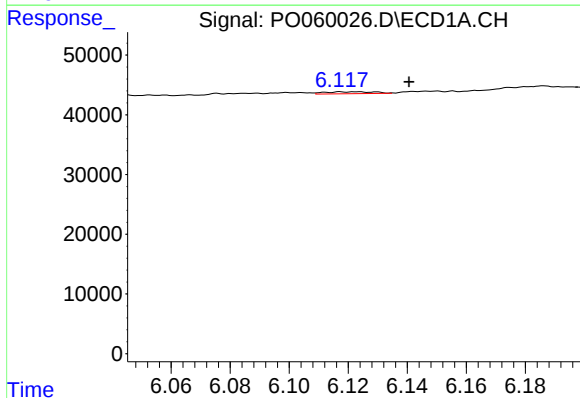
R.T.: 5.726 min
Delta R.T.: 0.021 min
Response: 2074
Conc: 1.25 ng/ml

Instrument :
ECD_O
ClientSampleId :
EB-4-082819



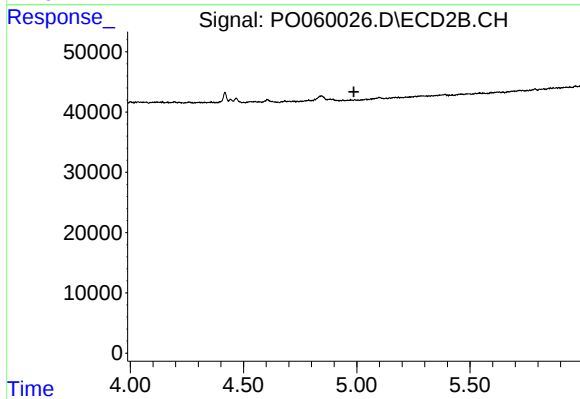
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 4.819 min
Response: 0
Conc: N.D.



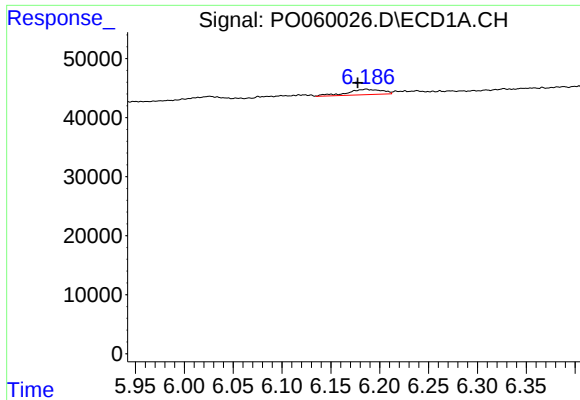
#24 AR-1248-4

R.T.: 6.118 min
Delta R.T.: -0.023 min
Response: 3749
Conc: 1.83 ng/ml



#24 AR-1248-4

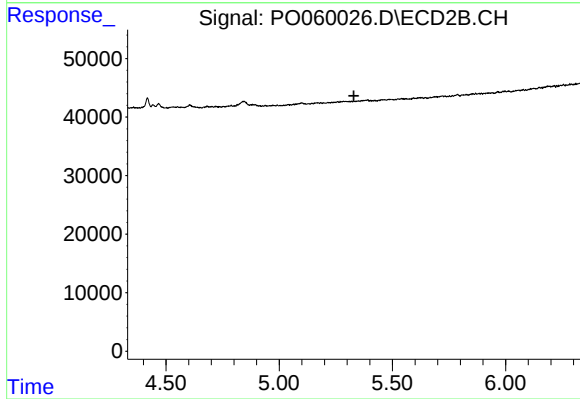
R.T.: 0.000 min
Exp R.T. : 4.987 min
Response: 0
Conc: N.D.



#25 AR-1248-5

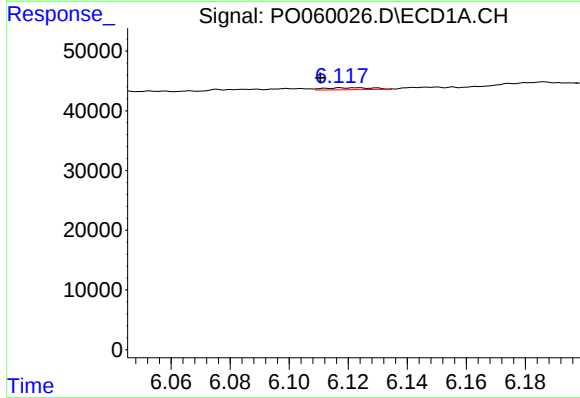
R.T.: 6.186 min
Delta R.T.: 0.008 min
Response: 22631
Conc: 11.41 ng/ml

Instrument :
ECD_O
ClientSampleId :
EB-4-082819



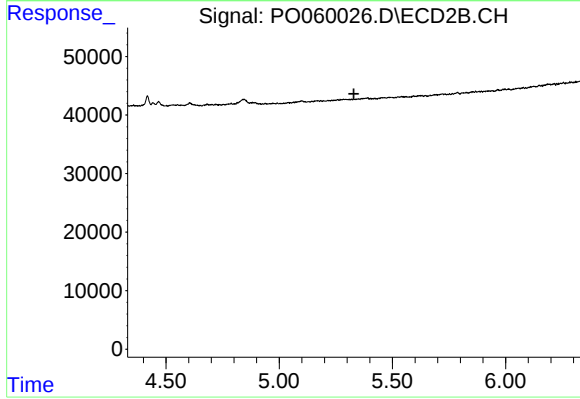
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T. : 5.330 min
Response: 0
Conc: N.D.



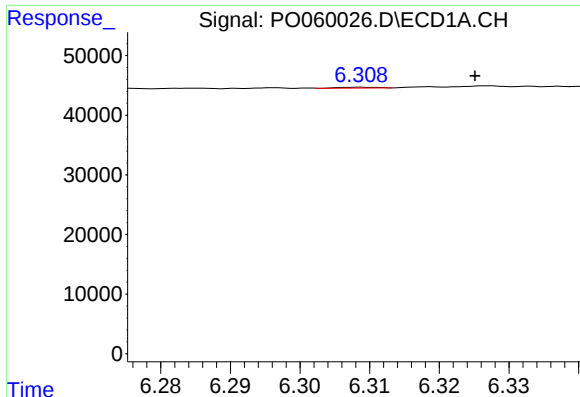
#26 AR-1254-1

R.T.: 6.118 min
Delta R.T.: 0.007 min
Response: 3749
Conc: 1.80 ng/ml



#26 AR-1254-1

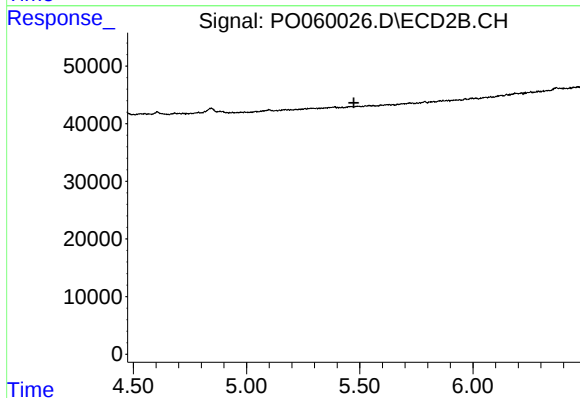
R.T.: 0.000 min
Exp R.T. : 5.330 min
Response: 0
Conc: N.D.



#27 AR-1254-2

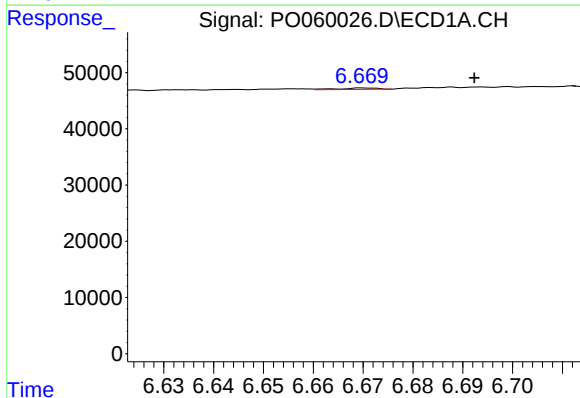
R.T.: 6.309 min
Delta R.T.: -0.016 min
Response: 570
Conc: 0.17 ng/ml

Instrument :
ECD_O
ClientSampleId :
EB-4-082819



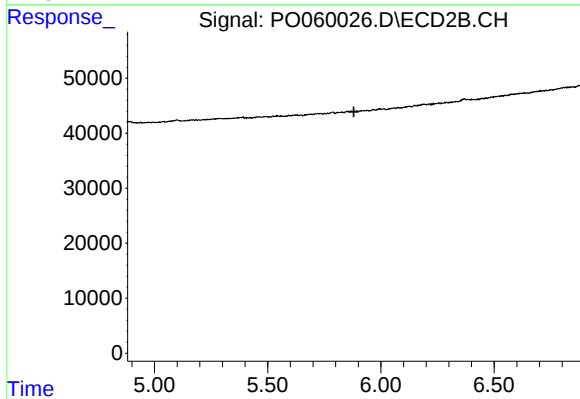
#27 AR-1254-2

R.T.: 0.000 min
Exp R.T. : 5.474 min
Response: 0
Conc: N.D.



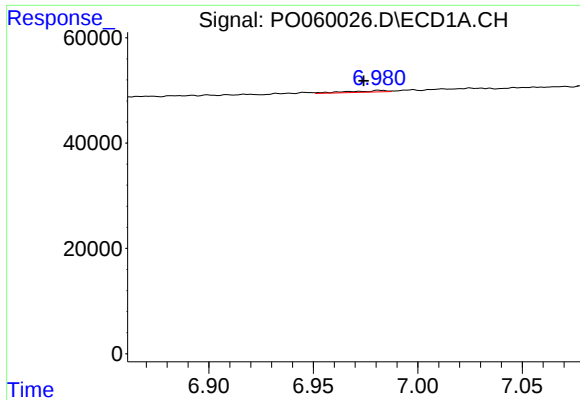
#28 AR-1254-3

R.T.: 6.670 min
Delta R.T.: -0.022 min
Response: 1448
Conc: 0.41 ng/ml



#28 AR-1254-3

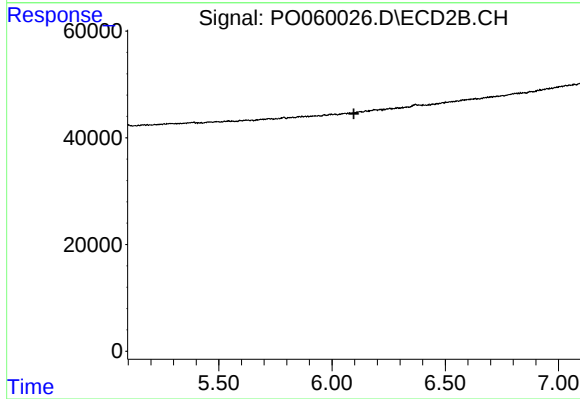
R.T.: 0.000 min
Exp R.T. : 5.881 min
Response: 0
Conc: N.D.



#29 AR-1254-4

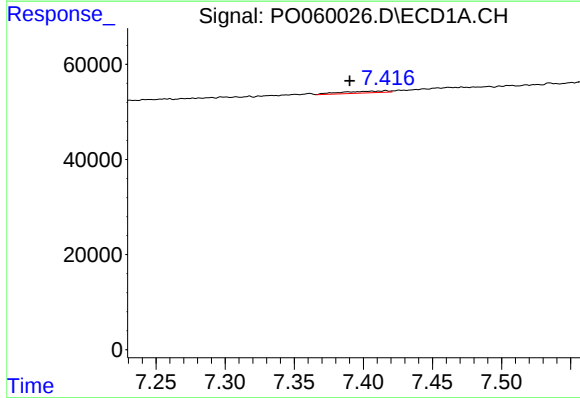
R.T.: 6.982 min
Delta R.T.: 0.008 min
Response: 3877
Conc: 1.32 ng/ml

Instrument :
ECD_O
ClientSampleId :
EB-4-082819



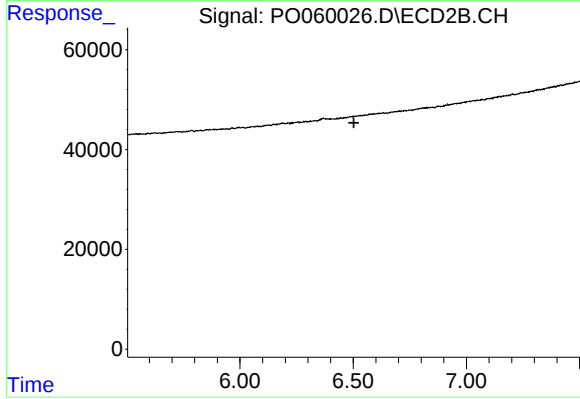
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T. : 6.097 min
Response: 0
Conc: N.D.



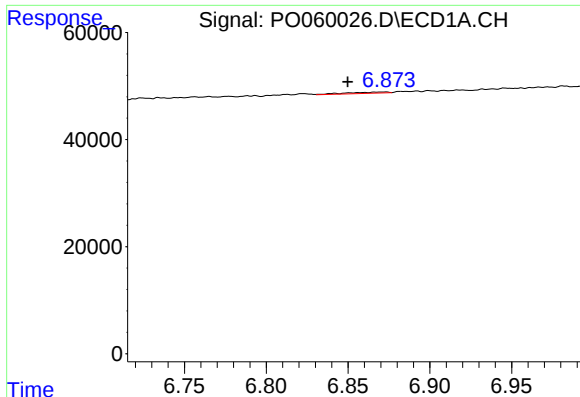
#30 AR-1254-5

R.T.: 7.416 min
Delta R.T.: 0.026 min
Response: 9068
Conc: 2.93 ng/ml



#30 AR-1254-5

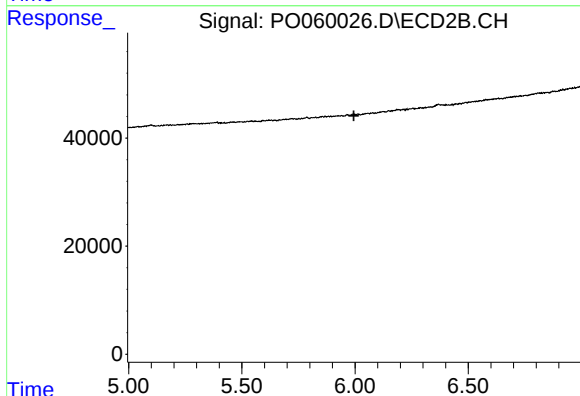
R.T.: 0.000 min
Exp R.T. : 6.503 min
Response: 0
Conc: N.D.



#31 AR-1260-1

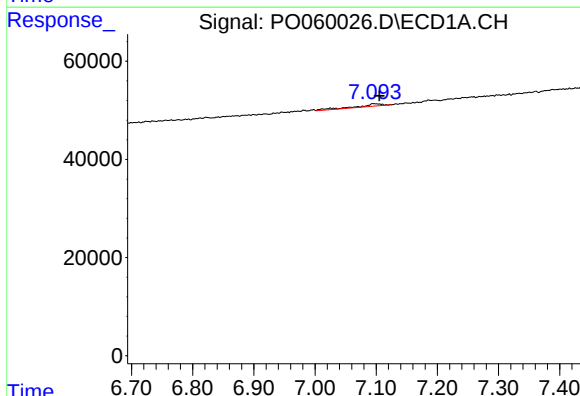
R.T.: 6.872 min
Delta R.T.: 0.022 min
Response: 4170
Conc: 1.55 ng/ml

Instrument :
ECD_O
ClientSampleId :
EB-4-082819



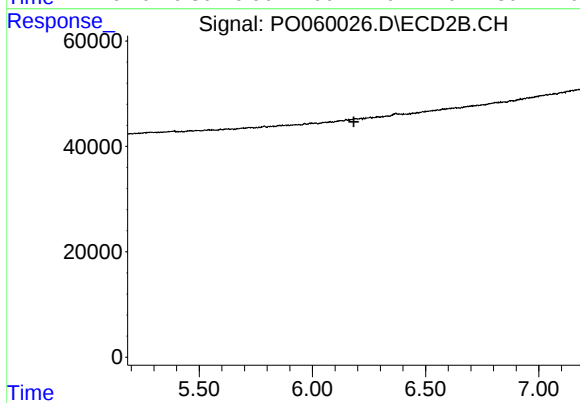
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T. : 5.995 min
Response: 0
Conc: N.D.



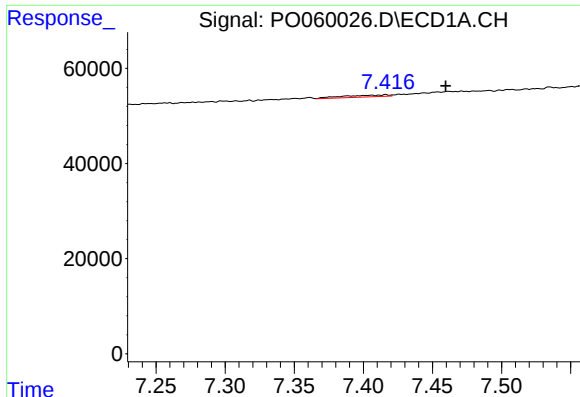
#32 AR-1260-2

R.T.: 7.095 min
Delta R.T.: -0.010 min
Response: 14520
Conc: 3.91 ng/ml



#32 AR-1260-2

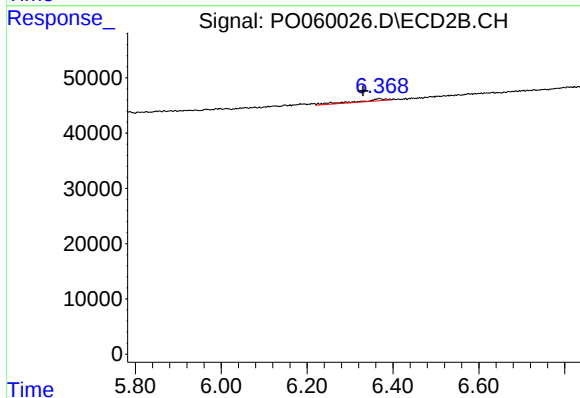
R.T.: 0.000 min
Exp R.T. : 6.183 min
Response: 0
Conc: N.D.



#33 AR-1260-3

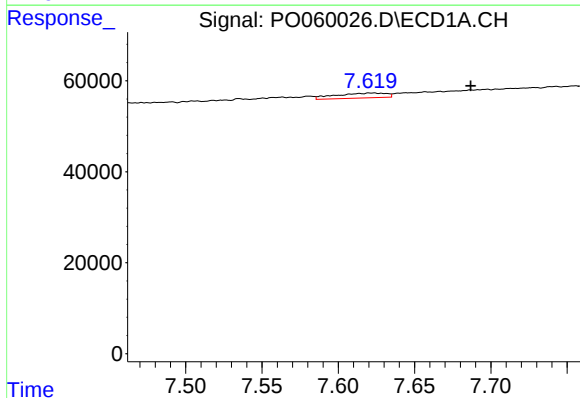
R.T.: 7.416 min
Delta R.T.: -0.043 min
Response: 9068
Conc: 2.77 ng/ml

Instrument :
ECD_O
ClientSampleId :
EB-4-082819



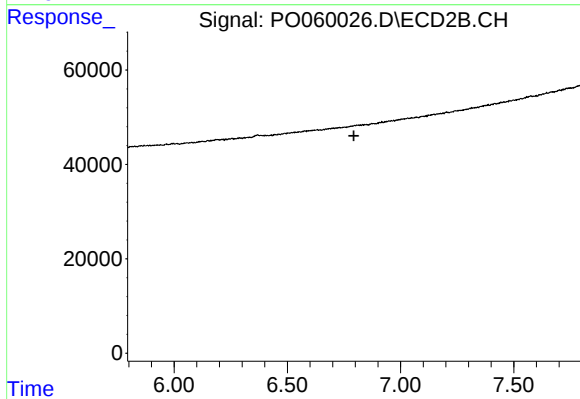
#33 AR-1260-3

R.T.: 6.368 min
Delta R.T.: 0.037 min
Response: 17707
Conc: 6.68 ng/ml



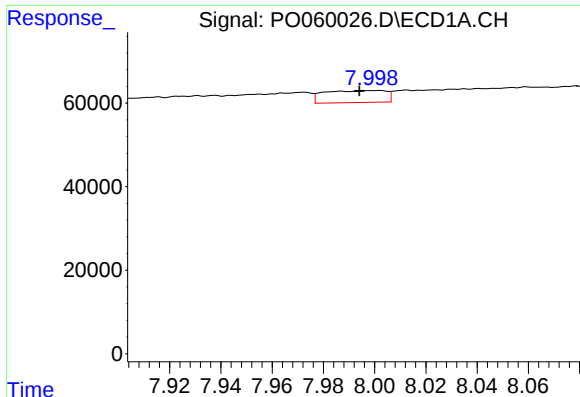
#34 AR-1260-4

R.T.: 7.622 min
Delta R.T.: -0.065 min
Response: 25113
Conc: 8.18 ng/ml



#34 AR-1260-4

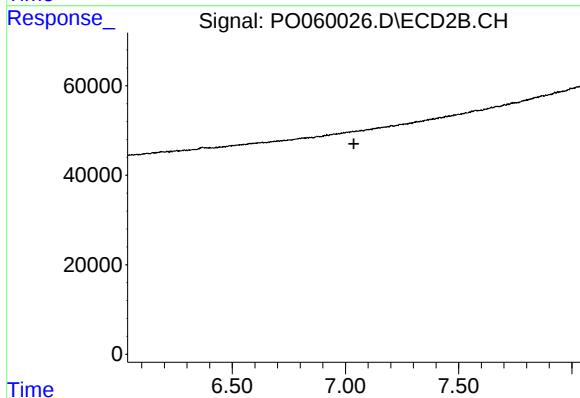
R.T.: 0.000 min
Exp R.T.: 6.794 min
Response: 0
Conc: N.D.



#35 AR-1260-5

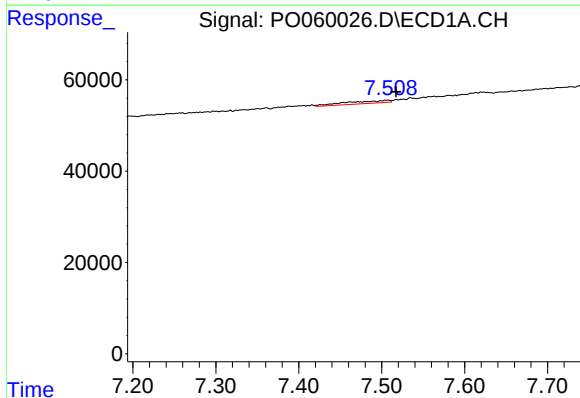
R.T.: 8.001 min
Delta R.T.: 0.006 min
Response: 47868
Conc: 6.76 ng/ml

Instrument :
ECD_O
ClientSampleId :
EB-4-082819



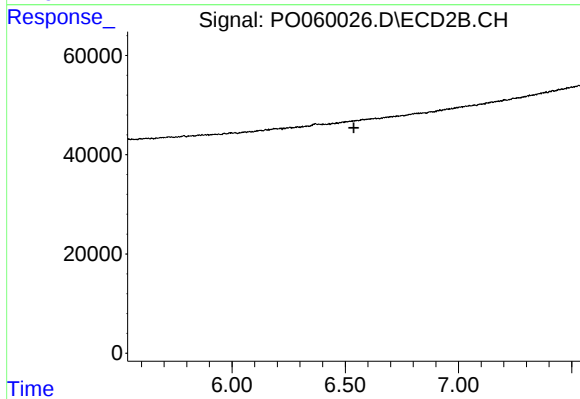
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T. : 7.037 min
Response: 0
Conc: N.D.



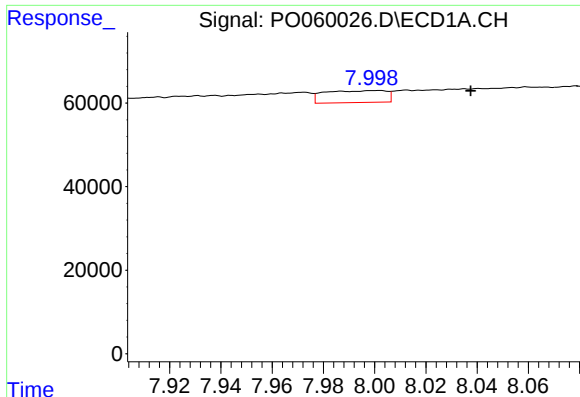
#36 AR-1262-1

R.T.: 7.507 min
Delta R.T.: -0.011 min
Response: 21609
Conc: 4.45 ng/ml



#36 AR-1262-1

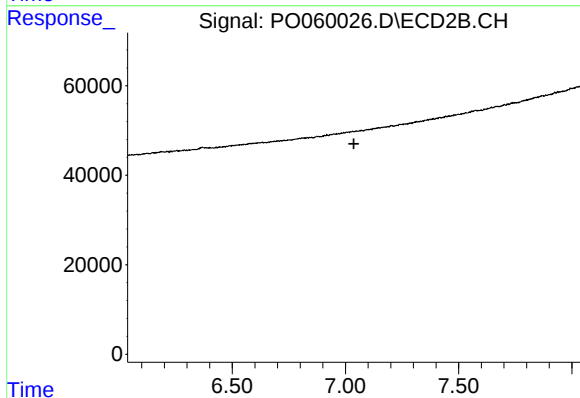
R.T.: 0.000 min
Exp R.T. : 6.538 min
Response: 0
Conc: N.D.



#37 AR-1262-2

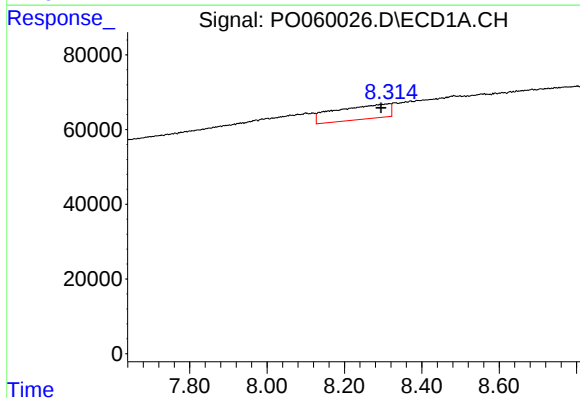
R.T.: 8.001 min
Delta R.T.: -0.037 min
Response: 47868
Conc: 6.20 ng/ml

Instrument :
ECD_O
ClientSampleId :
EB-4-082819



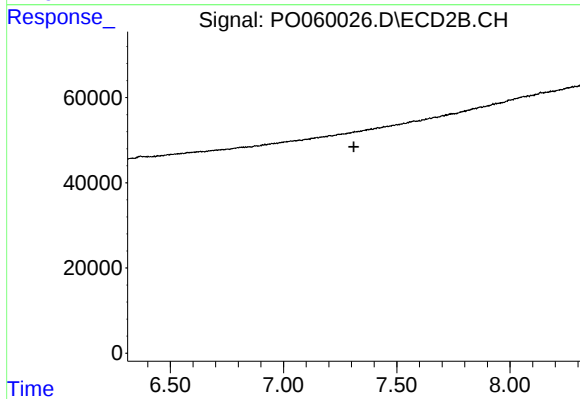
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T. : 7.037 min
Response: 0
Conc: N.D.



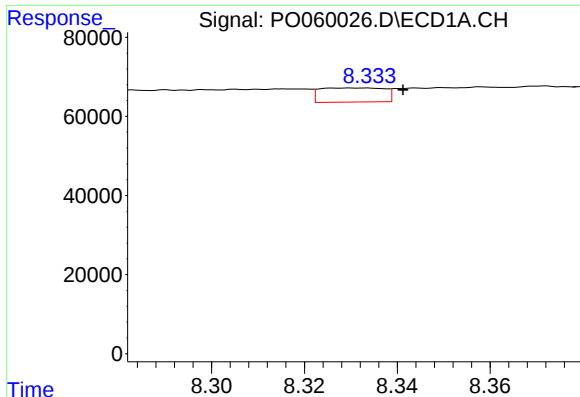
#38 AR-1262-3

R.T.: 8.316 min
Delta R.T.: 0.022 min
Response: 380573
Conc: 74.59 ng/ml



#38 AR-1262-3

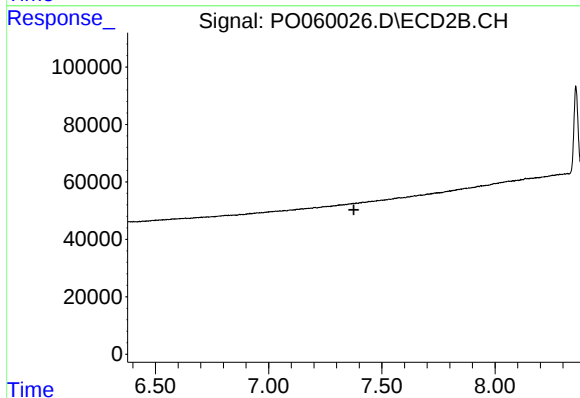
R.T.: 0.000 min
Exp R.T. : 7.310 min
Response: 0
Conc: N.D.



#39 AR-1262-4

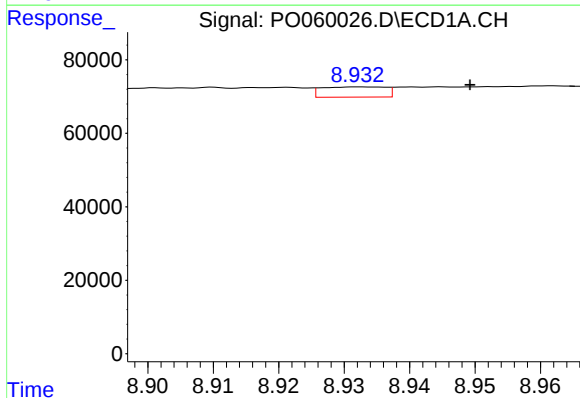
R.T.: 8.332 min
Delta R.T.: -0.009 min
Response: 34415
Conc: 8.93 ng/ml

Instrument :
ECD_O
ClientSampleId :
EB-4-082819



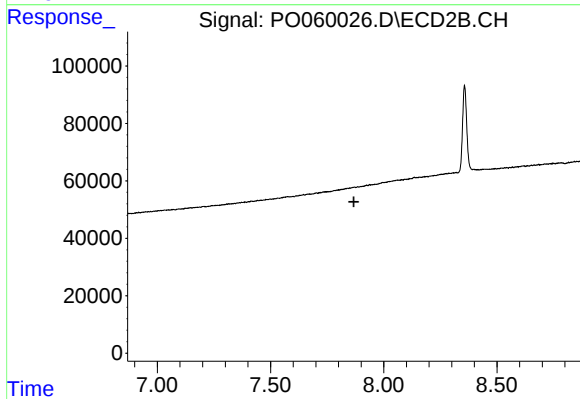
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 7.376 min
Response: 0
Conc: N.D.



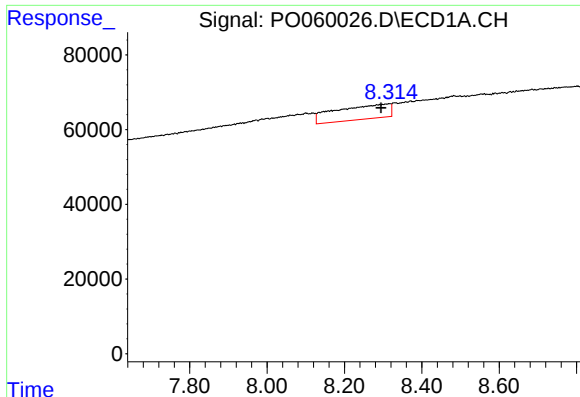
#40 AR-1262-5

R.T.: 8.933 min
Delta R.T.: -0.016 min
Response: 18868
Conc: 7.35 ng/ml



#40 AR-1262-5

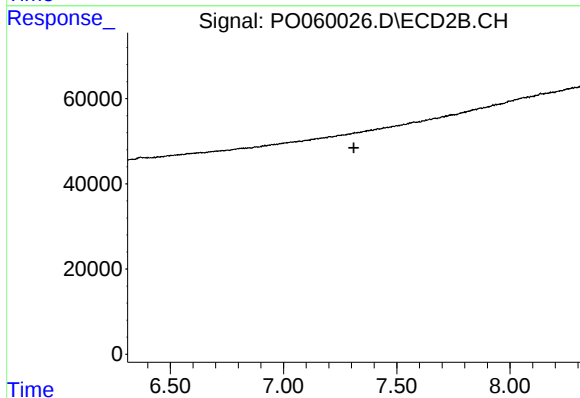
R.T.: 0.000 min
Exp R.T. : 7.868 min
Response: 0
Conc: N.D.



#41 AR-1268-1

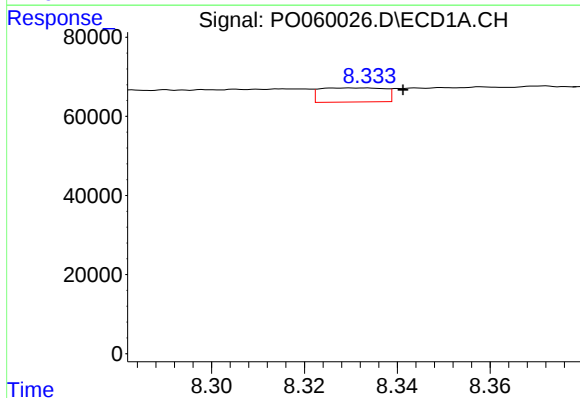
R.T.: 8.316 min
Delta R.T.: 0.022 min
Response: 380573
Conc: 40.44 ng/ml

Instrument :
ECD_O
ClientSampleId :
EB-4-082819



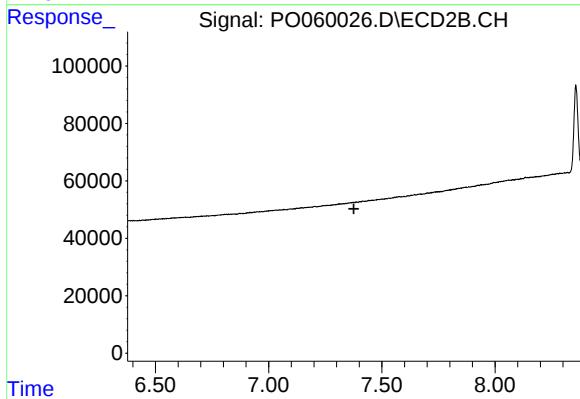
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 7.310 min
Response: 0
Conc: N.D.



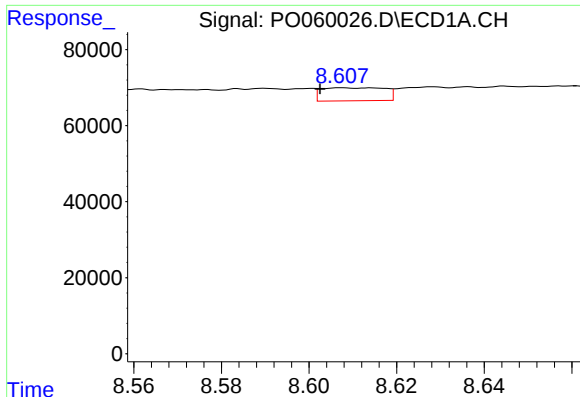
#42 AR-1268-2

R.T.: 8.332 min
Delta R.T.: -0.009 min
Response: 34415
Conc: 4.37 ng/ml



#42 AR-1268-2

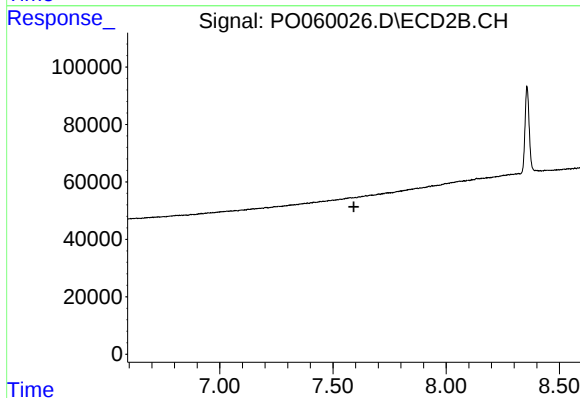
R.T.: 0.000 min
Exp R.T. : 7.376 min
Response: 0
Conc: N.D.



#43 AR-1268-3

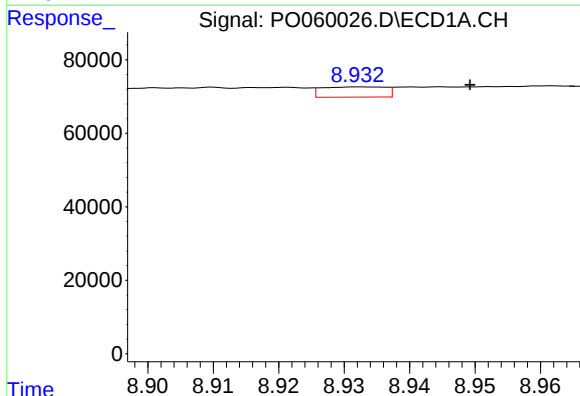
R.T.: 8.608 min
Delta R.T.: 0.005 min
Response: 34528
Conc: 4.90 ng/ml

Instrument :
ECD_O
ClientSampleId :
EB-4-082819



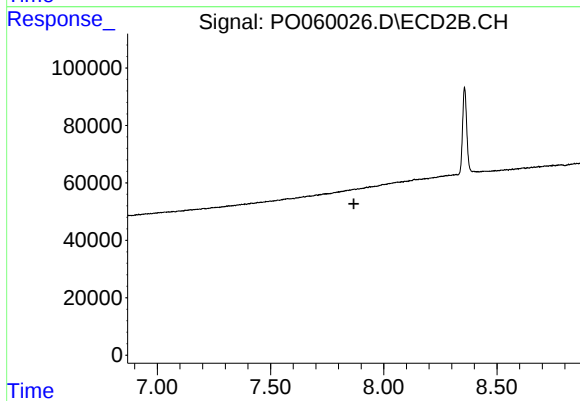
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 7.592 min
Response: 0
Conc: N.D.



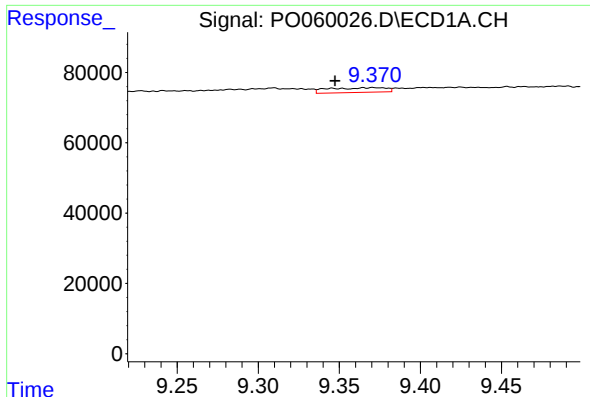
#44 AR-1268-4

R.T.: 8.933 min
Delta R.T.: -0.016 min
Response: 18868
Conc: 6.79 ng/ml



#44 AR-1268-4

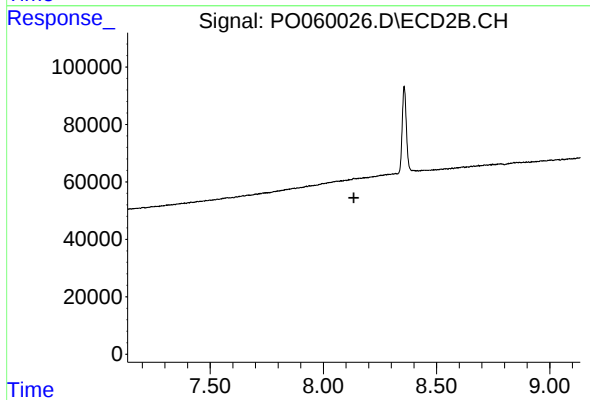
R.T.: 0.000 min
Exp R.T. : 7.868 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.371 min
Delta R.T.: 0.024 min
Response: 32910
Conc: 1.78 ng/ml

Instrument :
ECD_O
ClientSampleId :
EB-4-082819



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 8.135 min
Response: 0
Conc: N.D.