

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0081219\
 Data File : P0059161.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 12 Aug 2019 10:56
 Operator : SM/SJ
 Sample : K4227-13
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 1S-Q-(0-1)-COMP

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 13 00:57:46 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0072819.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Jul 27 06:49:05 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...	4.153	3.514	1158348	947786	27.447	23.724
2)	SA Decachlor...	9.652	8.390	1133638	826788	20.933	20.946
Target Compounds							
3)	L1 AR-1016-1	5.340	4.578	9725	70220	5.190	48.163 #
4)	L1 AR-1016-2	5.364	4.578	8599	70220	3.125	32.712 #
5)	L1 AR-1016-3	5.424	0.000	10310	0	6.072	N.D. #
6)	L1 AR-1016-4	5.544	0.000	9251	0	6.612	N.D. #
7)	L1 AR-1016-5	5.821	0.000	3758	0	2.624	N.D. #
8)	L2 AR-1221-1	4.354	0.000	7503	0	16.516	N.D. #
9)	L2 AR-1221-2	4.455	0.000	11264	0	32.670	N.D. #
10)	L2 AR-1221-3	4.606	3.923	40245	30933	36.700	32.336
11)	L3 AR-1232-1	4.606	3.923	40245	30933	44.577	39.377
12)	L3 AR-1232-2	5.067	4.578	25782	70220	52.414	83.053 #
13)	L3 AR-1232-3	5.364	0.000	8599	0	8.031	N.D. #
14)	L3 AR-1232-4	5.544	0.000	9251	0	17.353	N.D. #
15)	L3 AR-1232-5	5.583	0.000	8572	0	21.007	N.D. #
16)	L4 AR-1242-1	5.340	4.578	9725	70220	7.594	69.171 #
17)	L4 AR-1242-2	5.364	4.578	8599	70220	4.546	46.514 #
18)	L4 AR-1242-3	5.424	0.000	10310	0	8.789	N.D. #
19)	L4 AR-1242-4	5.544	0.000	9251	0	9.626	N.D. #
20)	L4 AR-1242-5	6.244	0.000	31972	0	27.220	N.D. #
21)	L5 AR-1248-1	5.340	4.578	9725	70220	9.619	87.814 #
22)	L5 AR-1248-2	5.583	0.000	8572	0	5.930	N.D. #
23)	L5 AR-1248-3	5.821	0.000	3758	0	2.288	N.D. #
24)	L5 AR-1248-4	6.182	0.000	19939	0	9.845	N.D. #
25)	L5 AR-1248-5	6.244	0.000	31972	0	16.563	N.D. #
26)	L6 AR-1254-1	6.182	0.000	19939	0	8.444	N.D. #
27)	L6 AR-1254-2	6.408	0.000	34893	0	9.054	N.D. #
28)	L6 AR-1254-3	6.760	5.891	41198	98322	10.173	26.723 #
29)	L6 AR-1254-4	7.014	6.116	98490	279380	27.353	120.152 #
30)	L6 AR-1254-5	7.428	6.528	41217	96775	11.371	28.054 #
31)	L7 AR-1260-1	6.890	6.033	117577	133674	40.837	56.164 #
32)	L7 AR-1260-2	7.164	6.207	13116	225836	3.153	74.551 #
33)	L7 AR-1260-3	7.486	6.356	56472	120166	15.165	44.508 #
34)	L7 AR-1260-4	7.751	0.000	4043	0	1.186	N.D. #
35)	L7 AR-1260-5	8.032	0.000	71542	0	9.727	N.D. #
36)	L8 AR-1262-1	7.486	6.528	56472	96775	11.204	27.095 #
37)	L8 AR-1262-2	8.032	0.000	71542	0	8.989	N.D. #
38)	L8 AR-1262-3	8.340	0.000	9756	0	1.919	N.D. #
39)	L8 AR-1262-4	8.396	0.000	31401	0	8.286	N.D. #
40)	L8 AR-1262-5	8.995	0.000	3922	0	1.707	N.D. #
41)	L9 AR-1268-1	8.340	0.000	9756	0	0.873	N.D. #

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 Acq On : 12 Aug 2019 10:56
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 ALS Vial : 9 Sample Multiplier: 1

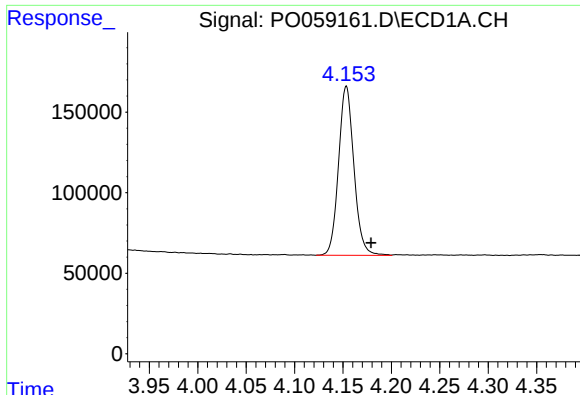
Instrument :
 ECD_O
 ClientSampleId :
 1S-Q-(0-1)-COMP

Integration File signal 1: autoint1.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	8.396	0.000	31401	0	3.343	N.D. #
43) L9	AR-1268-3	8.614	7.606	38512	13022	4.663	2.037 #
44) L9	AR-1268-4	8.995	0.000	3922	0	1.312	N.D. #
45) L9	AR-1268-5	9.364	0.000	27230	0	1.268	N.D. #

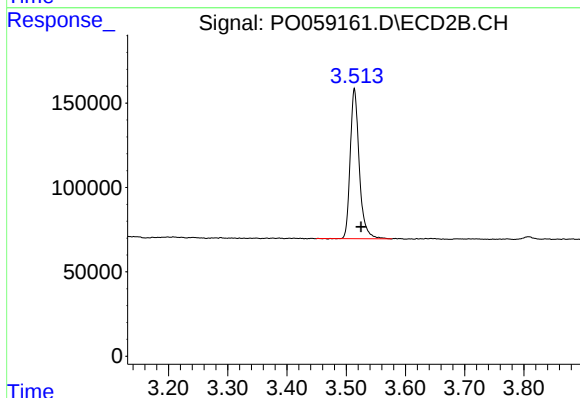
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

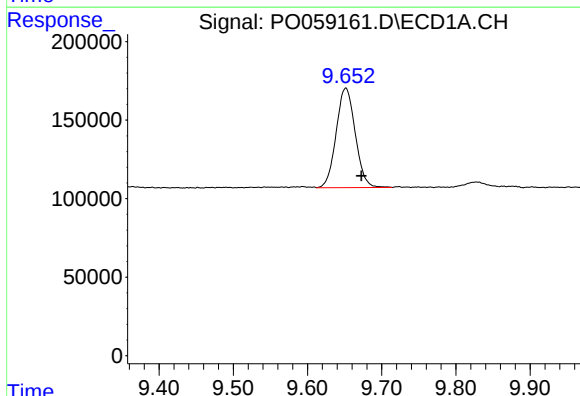
R.T.: 4.153 min
Delta R.T.: -0.026 min
Response: 1158348
Conc: 27.45 ng/ml

Instrument :
ECD_O
ClientSampleId :
1S-Q-(0-1)-COMP



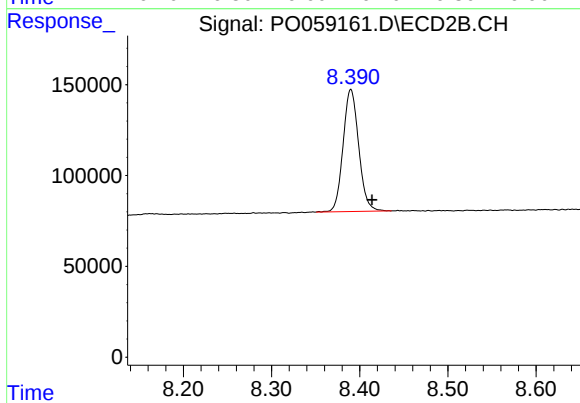
#1 Tetrachloro-m-xylene

R.T.: 3.514 min
Delta R.T.: -0.011 min
Response: 947786
Conc: 23.72 ng/ml



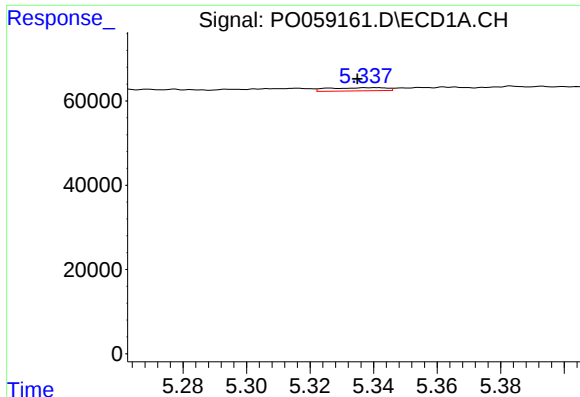
#2 Decachlorobiphenyl

R.T.: 9.652 min
Delta R.T.: -0.021 min
Response: 1133638
Conc: 20.93 ng/ml



#2 Decachlorobiphenyl

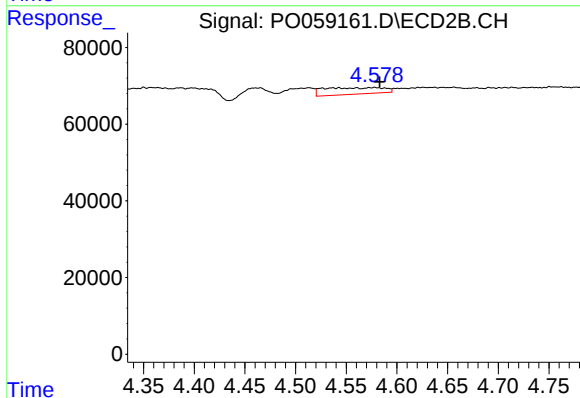
R.T.: 8.390 min
Delta R.T.: -0.024 min
Response: 826788
Conc: 20.95 ng/ml



#3 AR-1016-1

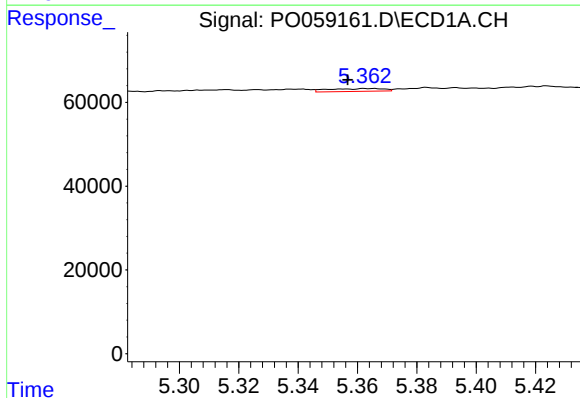
R.T.: 5.340 min
Delta R.T.: 0.005 min
Response: 9725
Conc: 5.19 ng/ml

Instrument :
ECD_O
ClientSampleId :
1S-Q-(0-1)-COMP



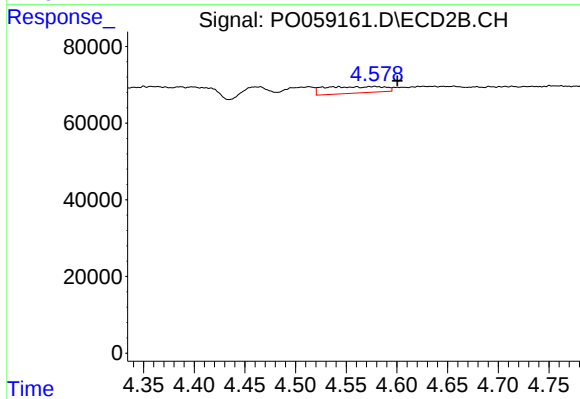
#3 AR-1016-1

R.T.: 4.578 min
Delta R.T.: -0.005 min
Response: 70220
Conc: 48.16 ng/ml



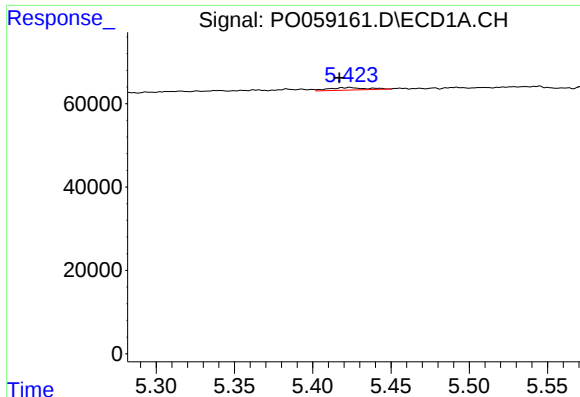
#4 AR-1016-2

R.T.: 5.364 min
Delta R.T.: 0.007 min
Response: 8599
Conc: 3.13 ng/ml



#4 AR-1016-2

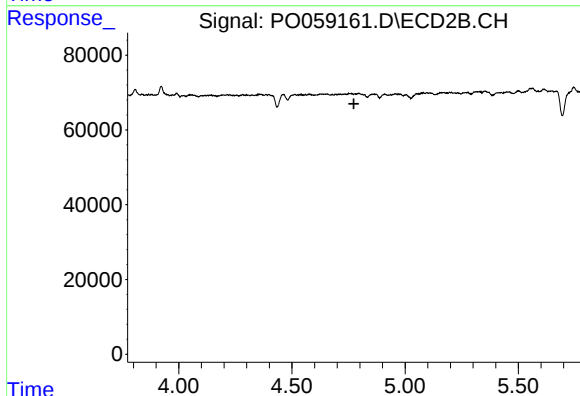
R.T.: 4.578 min
Delta R.T.: -0.022 min
Response: 70220
Conc: 32.71 ng/ml



#5 AR-1016-3

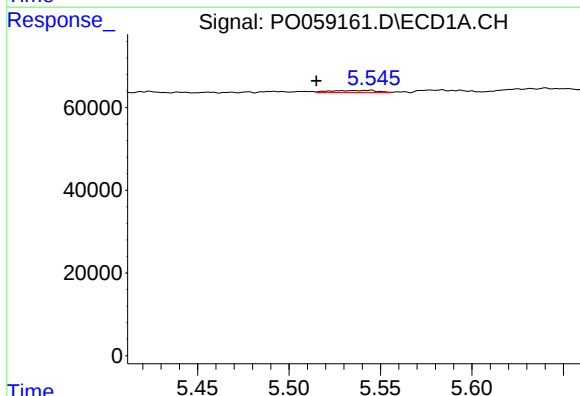
R.T.: 5.424 min
Delta R.T.: 0.007 min
Response: 10310
Conc: 6.07 ng/ml

Instrument :
ECD_O
ClientSampleId :
1S-Q-(0-1)-COMP



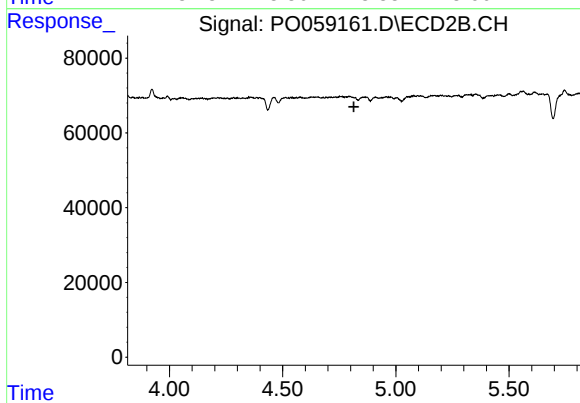
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 4.773 min
Response: 0
Conc: N.D.



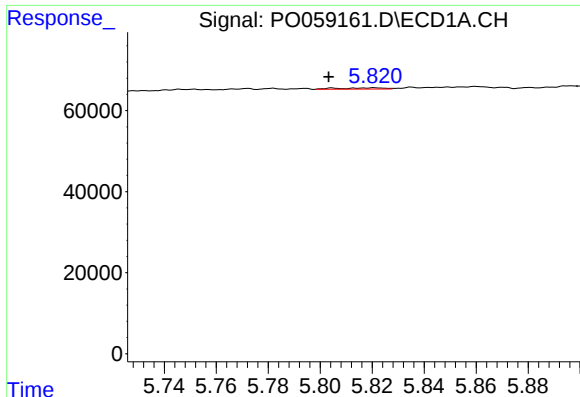
#6 AR-1016-4

R.T.: 5.544 min
Delta R.T.: 0.029 min
Response: 9251
Conc: 6.61 ng/ml



#6 AR-1016-4

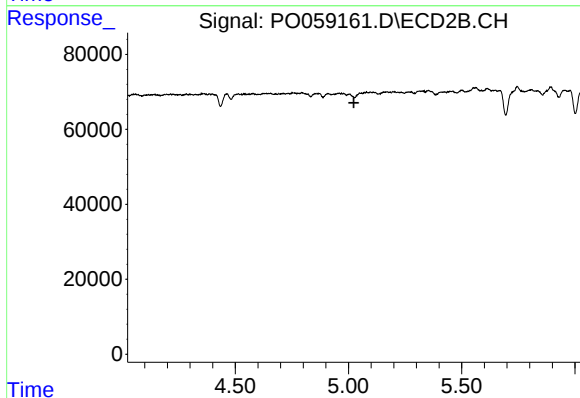
R.T.: 0.000 min
Exp R.T. : 4.815 min
Response: 0
Conc: N.D.



#7 AR-1016-5

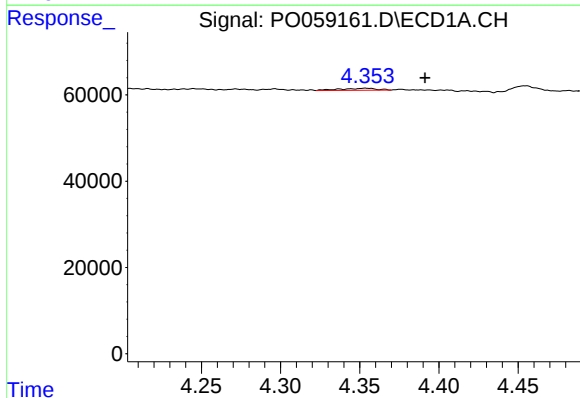
R.T.: 5.821 min
Delta R.T.: 0.018 min
Response: 3758
Conc: 2.62 ng/ml

Instrument :
ECD_O
ClientSampleId :
1S-Q-(0-1)-COMP



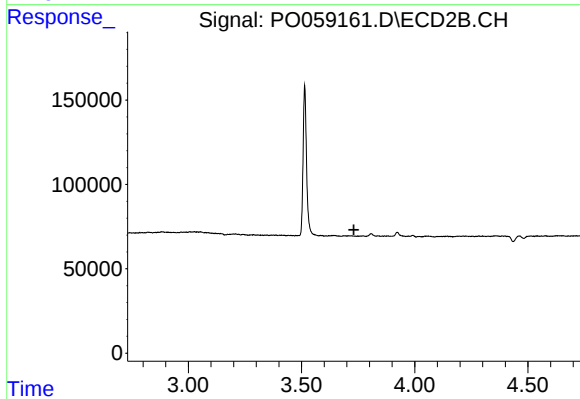
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 5.024 min
Response: 0
Conc: N.D.



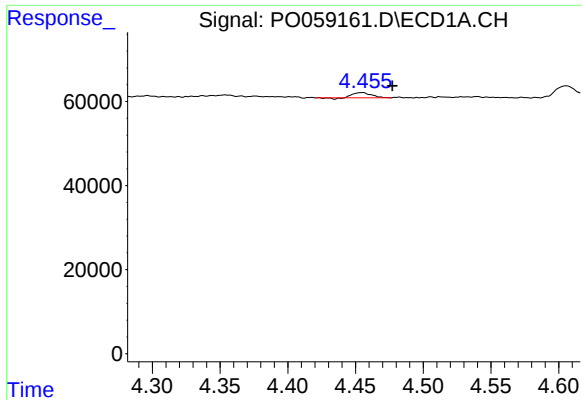
#8 AR-1221-1

R.T.: 4.354 min
Delta R.T.: -0.037 min
Response: 7503
Conc: 16.52 ng/ml



#8 AR-1221-1

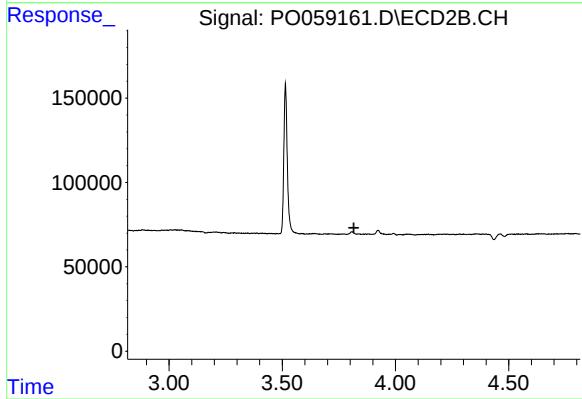
R.T.: 0.000 min
Exp R.T. : 3.732 min
Response: 0
Conc: N.D.



#9 AR-1221-2

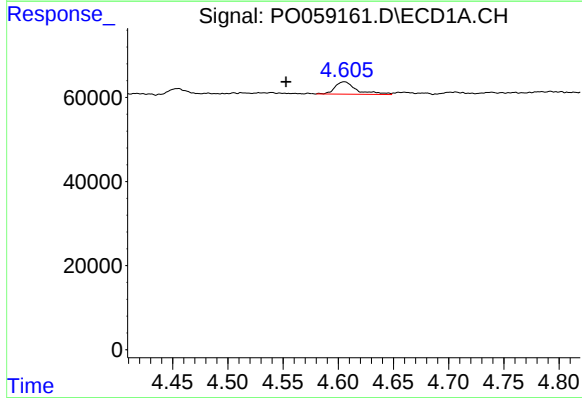
R.T.: 4.455 min
Delta R.T.: -0.022 min
Response: 11264
Conc: 32.67 ng/ml

Instrument :
ECD_O
ClientSampleId :
1S-Q-(0-1)-COMP



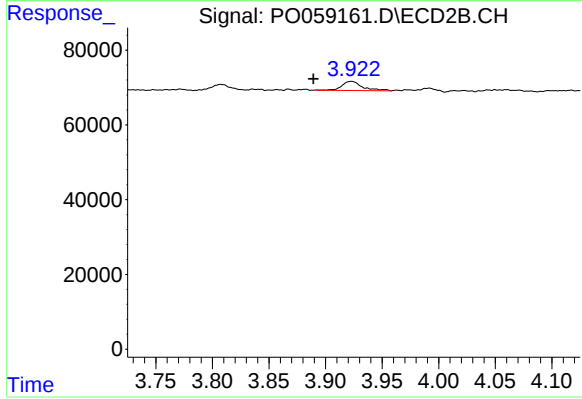
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 3.816 min
Response: 0
Conc: N.D.



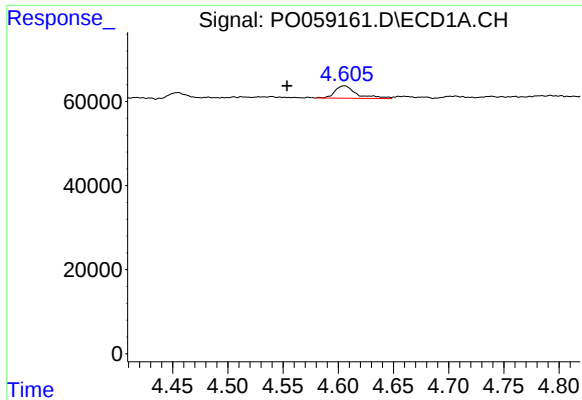
#10 AR-1221-3

R.T.: 4.606 min
Delta R.T.: 0.053 min
Response: 40245
Conc: 36.70 ng/ml



#10 AR-1221-3

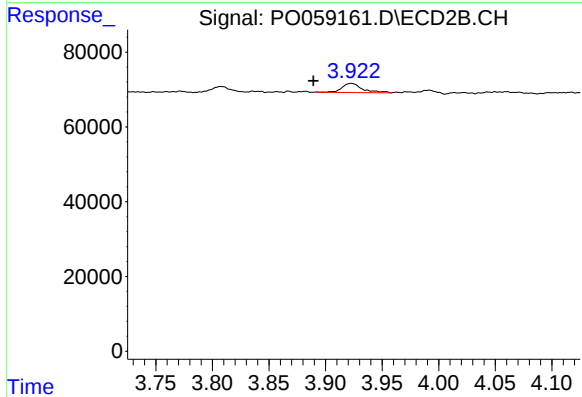
R.T.: 3.923 min
Delta R.T.: 0.033 min
Response: 30933
Conc: 32.34 ng/ml



#11 AR-1232-1

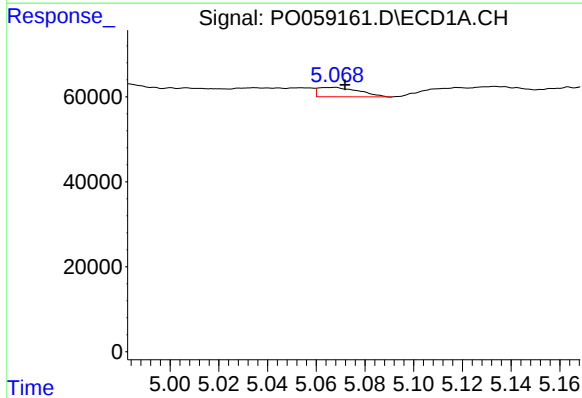
R.T.: 4.606 min
Delta R.T.: 0.052 min
Response: 40245
Conc: 44.58 ng/ml

Instrument :
ECD_O
ClientSampleId :
1S-Q-(0-1)-COMP



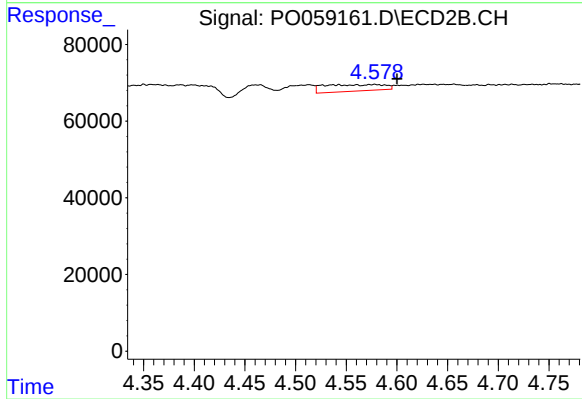
#11 AR-1232-1

R.T.: 3.923 min
Delta R.T.: 0.033 min
Response: 30933
Conc: 39.38 ng/ml



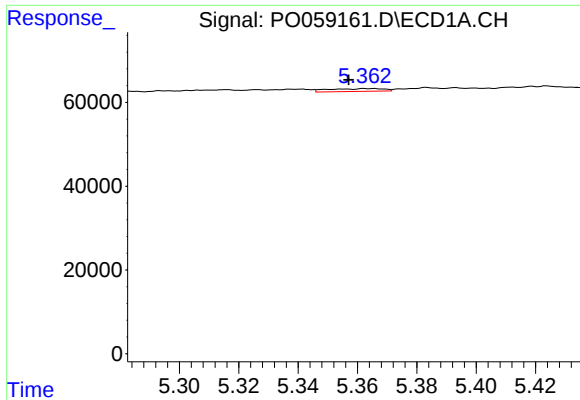
#12 AR-1232-2

R.T.: 5.067 min
Delta R.T.: -0.005 min
Response: 25782
Conc: 52.41 ng/ml



#12 AR-1232-2

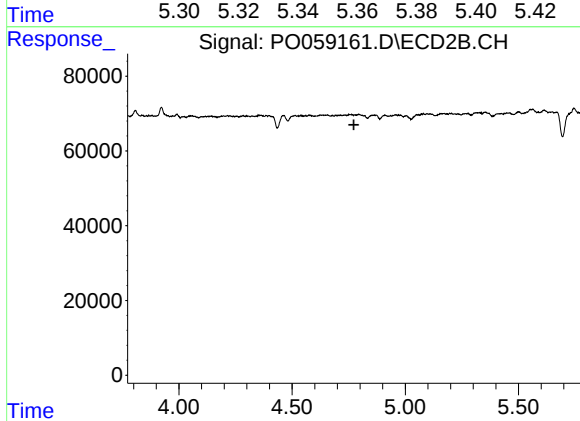
R.T.: 4.578 min
Delta R.T.: -0.022 min
Response: 70220
Conc: 83.05 ng/ml



#13 AR-1232-3

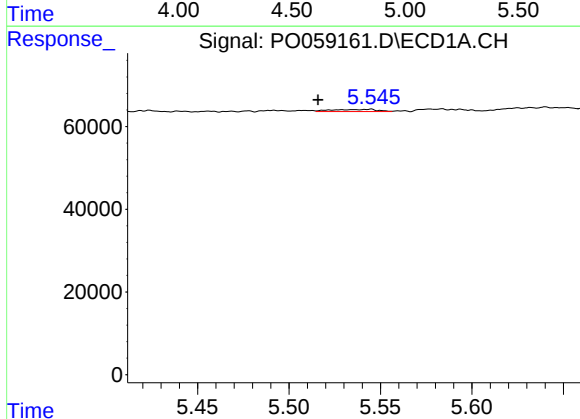
R.T.: 5.364 min
Delta R.T.: 0.006 min
Response: 8599
Conc: 8.03 ng/ml

Instrument :
ECD_O
ClientSampleId :
1S-Q-(0-1)-COMP



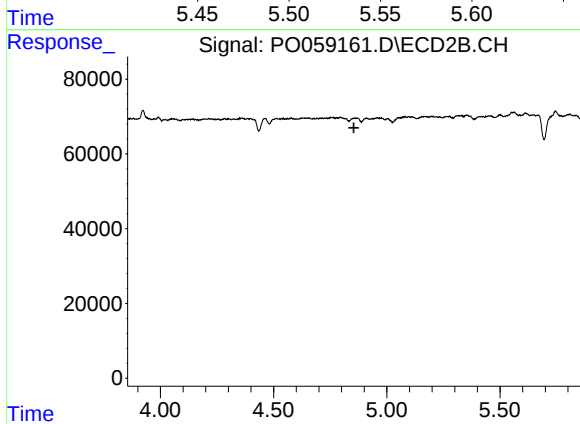
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 4.773 min
Response: 0
Conc: N.D.



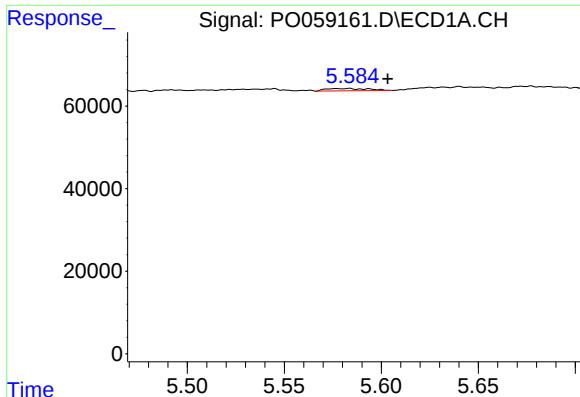
#14 AR-1232-4

R.T.: 5.544 min
Delta R.T.: 0.028 min
Response: 9251
Conc: 17.35 ng/ml



#14 AR-1232-4

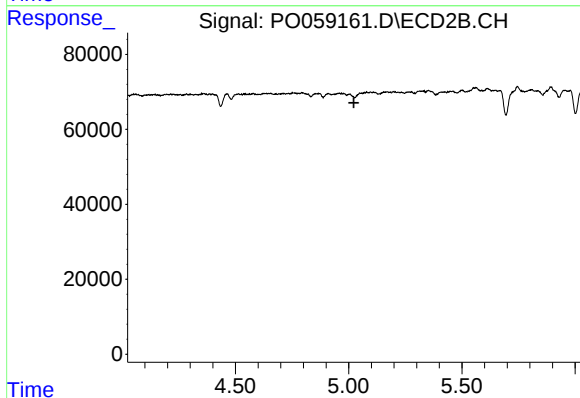
R.T.: 0.000 min
Exp R.T. : 4.854 min
Response: 0
Conc: N.D.



#15 AR-1232-5

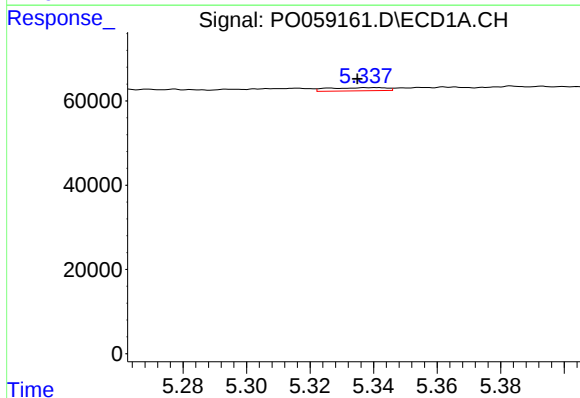
R.T.: 5.583 min
Delta R.T.: -0.020 min
Response: 8572
Conc: 21.01 ng/ml

Instrument :
ECD_O
ClientSampleId :
1S-Q-(0-1)-COMP



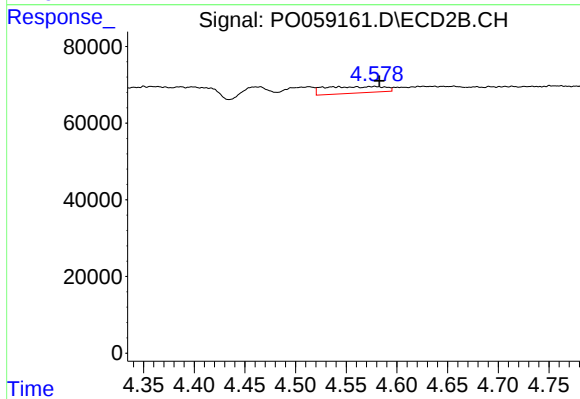
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T.: 5.023 min
Response: 0
Conc: N.D.



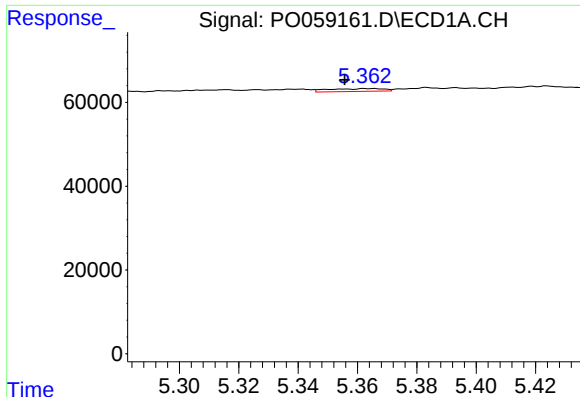
#16 AR-1242-1

R.T.: 5.340 min
Delta R.T.: 0.005 min
Response: 9725
Conc: 7.59 ng/ml



#16 AR-1242-1

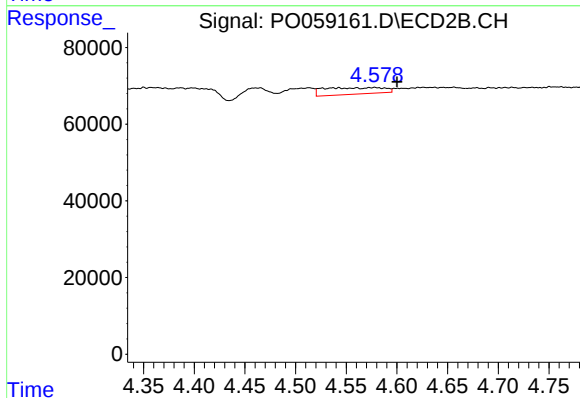
R.T.: 4.578 min
Delta R.T.: -0.004 min
Response: 70220
Conc: 69.17 ng/ml



#17 AR-1242-2

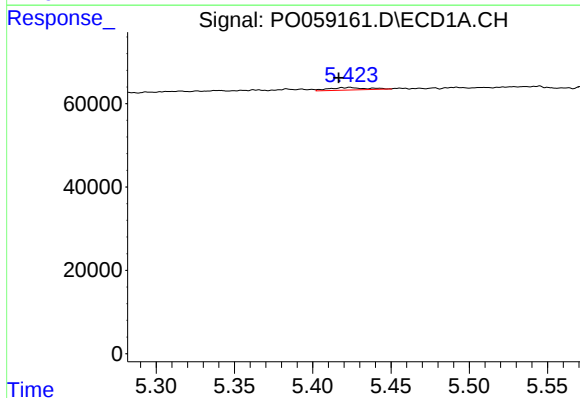
R.T.: 5.364 min
Delta R.T.: 0.008 min
Response: 8599
Conc: 4.55 ng/ml

Instrument :
ECD_O
ClientSampleId :
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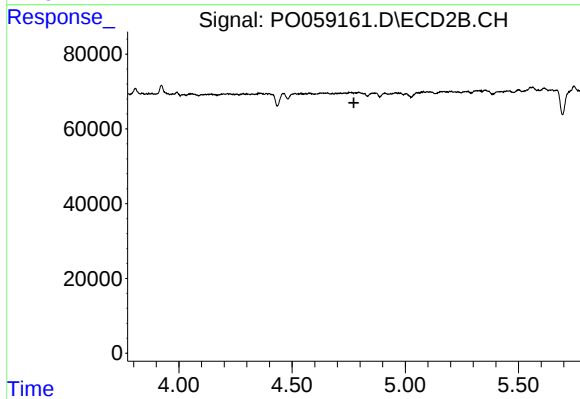
#17 AR-1242-2

R.T.: 4.578 min
Delta R.T.: -0.022 min
Response: 70220
Conc: 46.51 ng/ml



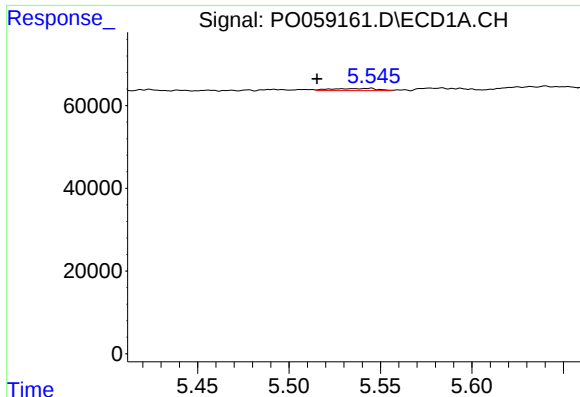
#18 AR-1242-3

R.T.: 5.424 min
Delta R.T.: 0.007 min
Response: 10310
Conc: 8.79 ng/ml



#18 AR-1242-3

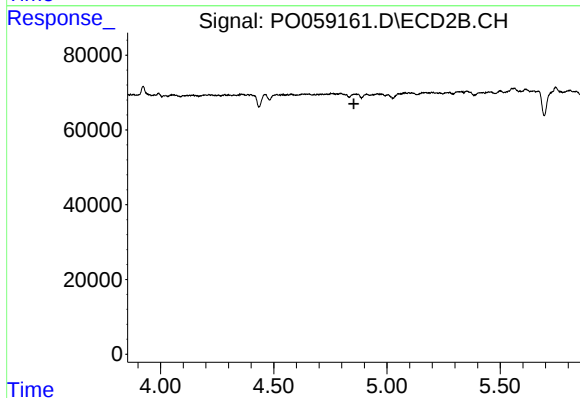
R.T.: 0.000 min
Exp R.T.: 4.773 min
Response: 0
Conc: N.D.



#19 AR-1242-4

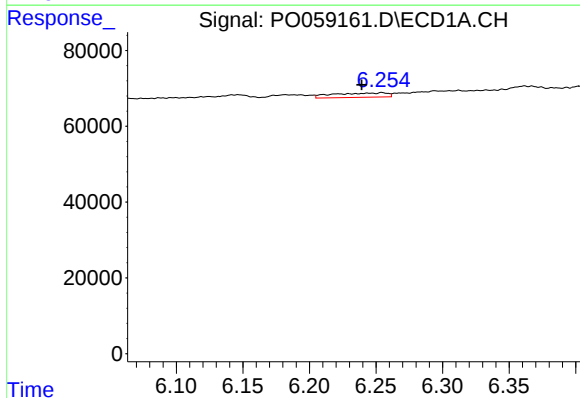
R.T.: 5.544 min
Delta R.T.: 0.029 min
Response: 9251
Conc: 9.63 ng/ml

Instrument :
ECD_O
ClientSampleId :
1S-Q-(0-1)-COMP



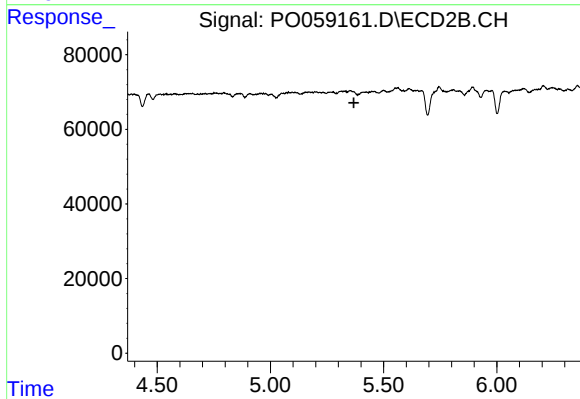
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 4.854 min
Response: 0
Conc: N.D.



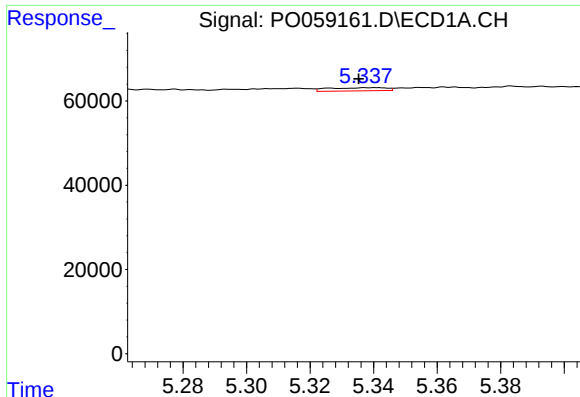
#20 AR-1242-5

R.T.: 6.244 min
Delta R.T.: 0.005 min
Response: 31972
Conc: 27.22 ng/ml



#20 AR-1242-5

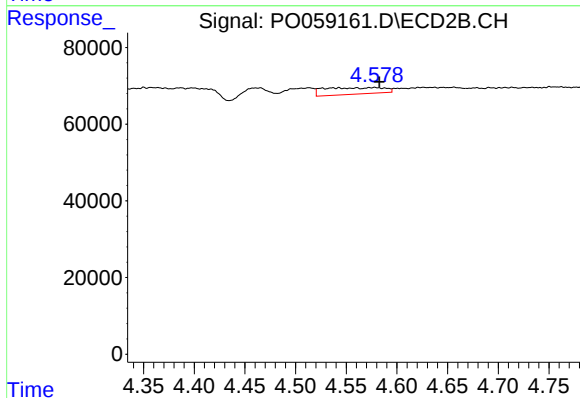
R.T.: 0.000 min
Exp R.T. : 5.368 min
Response: 0
Conc: N.D.



#21 AR-1248-1

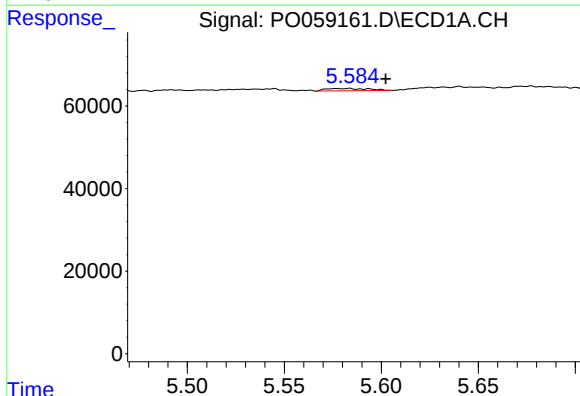
R.T.: 5.340 min
Delta R.T.: 0.005 min
Response: 9725
Conc: 9.62 ng/ml

Instrument :
ECD_O
ClientSampleId :
1S-Q-(0-1)-COMP



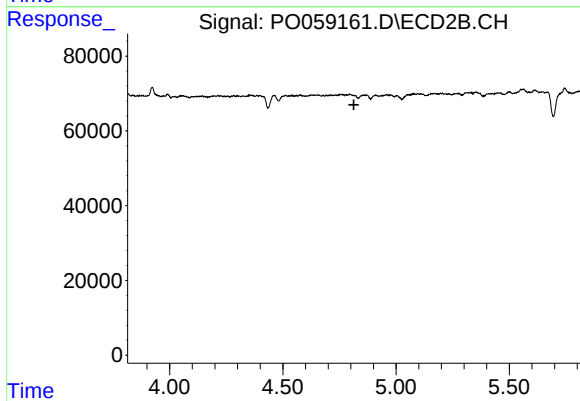
#21 AR-1248-1

R.T.: 4.578 min
Delta R.T.: -0.004 min
Response: 70220
Conc: 87.81 ng/ml



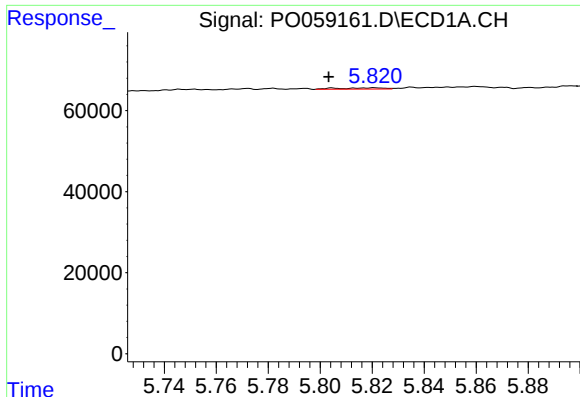
#22 AR-1248-2

R.T.: 5.583 min
Delta R.T.: -0.019 min
Response: 8572
Conc: 5.93 ng/ml



#22 AR-1248-2

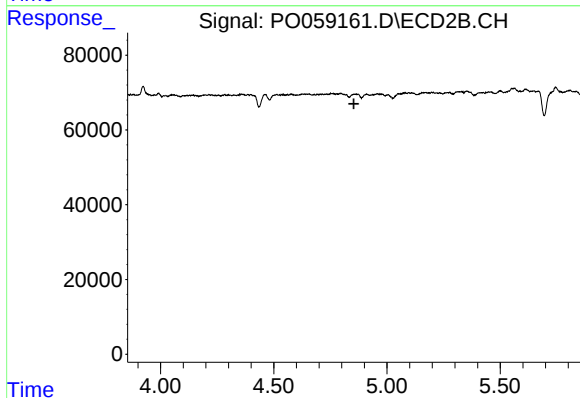
R.T.: 0.000 min
Exp R.T.: 4.814 min
Response: 0
Conc: N.D.



#23 AR-1248-3

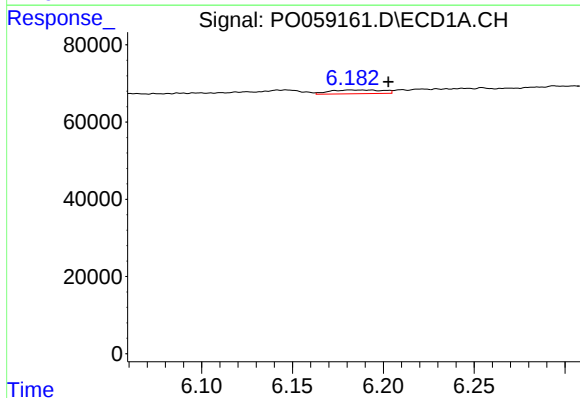
R.T.: 5.821 min
Delta R.T.: 0.018 min
Response: 3758
Conc: 2.29 ng/ml

Instrument :
ECD_O
ClientSampleId :
1S-Q-(0-1)-COMP



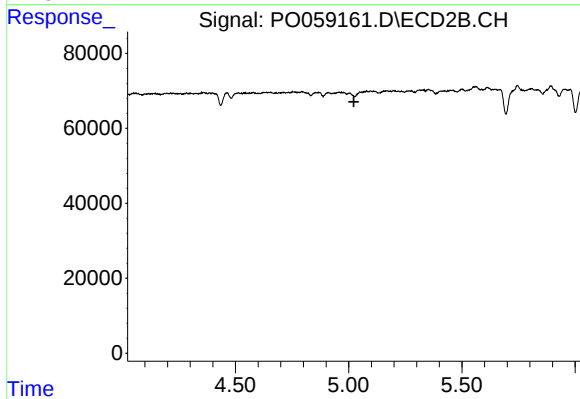
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 4.854 min
Response: 0
Conc: N.D.



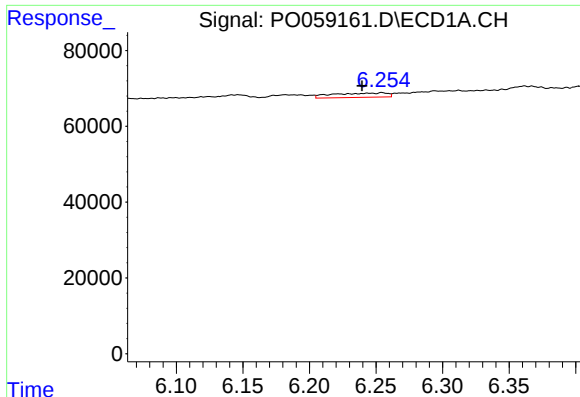
#24 AR-1248-4

R.T.: 6.182 min
Delta R.T.: -0.021 min
Response: 19939
Conc: 9.85 ng/ml



#24 AR-1248-4

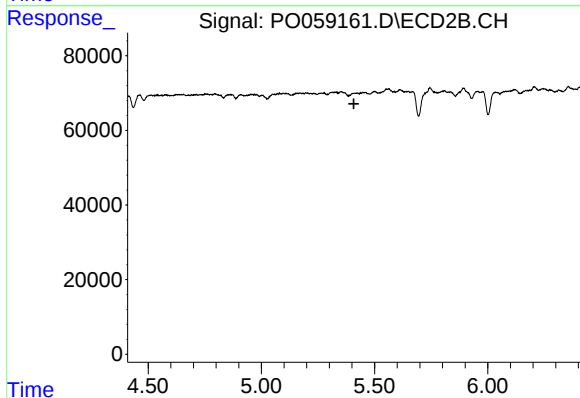
R.T.: 0.000 min
Exp R.T. : 5.023 min
Response: 0
Conc: N.D.



#25 AR-1248-5

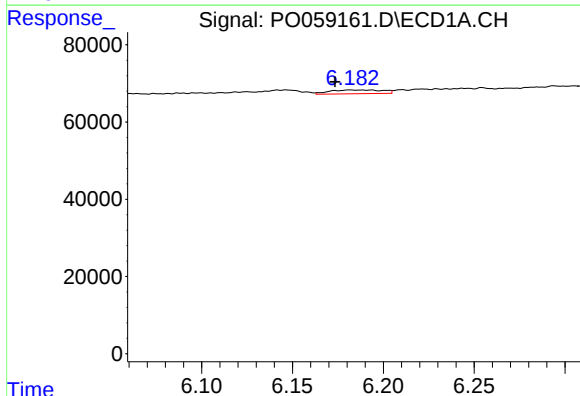
R.T.: 6.244 min
Delta R.T.: 0.005 min
Response: 31972
Conc: 16.56 ng/ml

Instrument :
ECD_O
ClientSampleId :
1S-Q-(0-1)-COMP



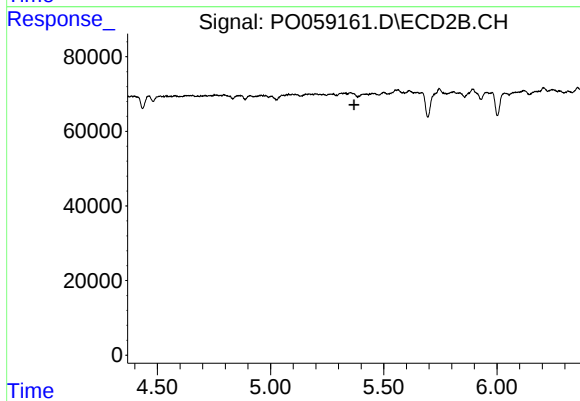
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T. : 5.409 min
Response: 0
Conc: N.D.



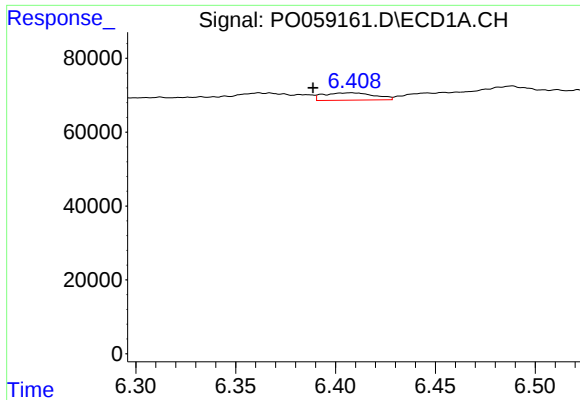
#26 AR-1254-1

R.T.: 6.182 min
Delta R.T.: 0.008 min
Response: 19939
Conc: 8.44 ng/ml



#26 AR-1254-1

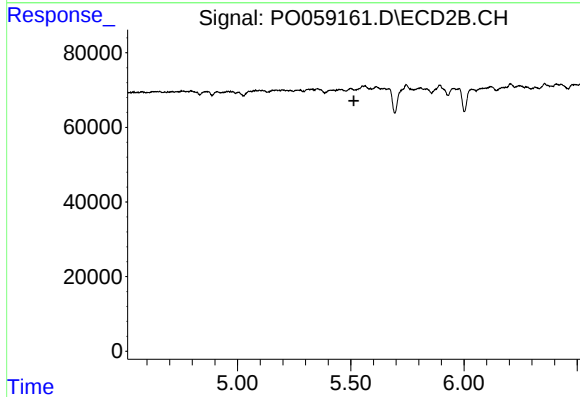
R.T.: 0.000 min
Exp R.T. : 5.368 min
Response: 0
Conc: N.D.



#27 AR-1254-2

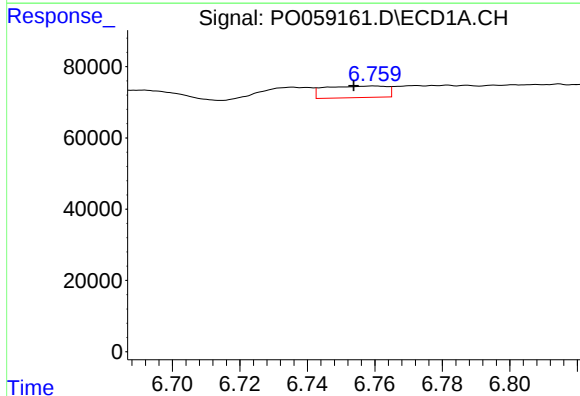
R.T.: 6.408 min
Delta R.T.: 0.019 min
Response: 34893
Conc: 9.05 ng/ml

Instrument :
ECD_O
ClientSampleId :
1S-Q-(0-1)-COMP



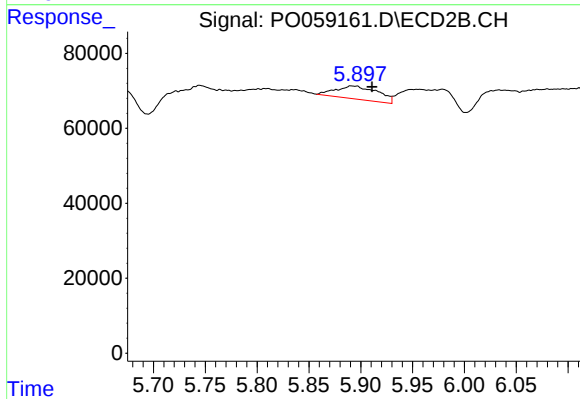
#27 AR-1254-2

R.T.: 0.000 min
Exp R.T. : 5.514 min
Response: 0
Conc: N.D.



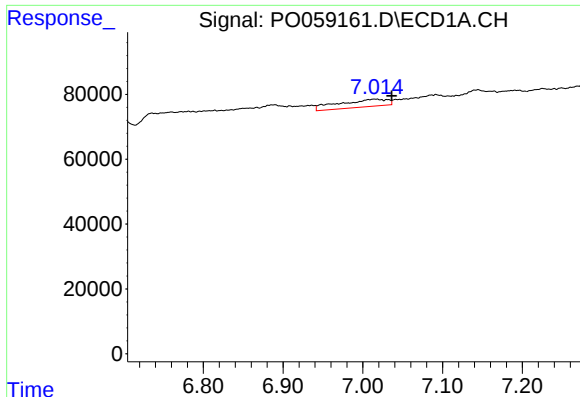
#28 AR-1254-3

R.T.: 6.760 min
Delta R.T.: 0.006 min
Response: 41198
Conc: 10.17 ng/ml



#28 AR-1254-3

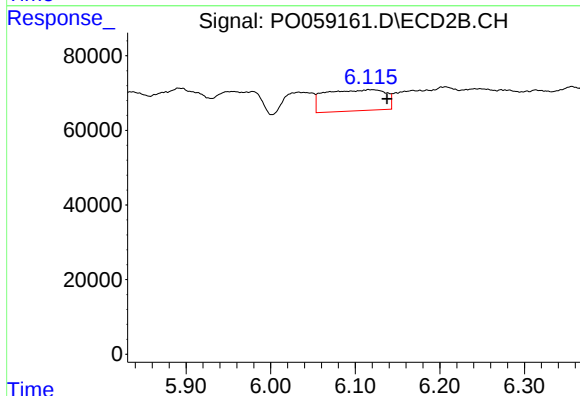
R.T.: 5.891 min
Delta R.T.: -0.020 min
Response: 98322
Conc: 26.72 ng/ml



#29 AR-1254-4

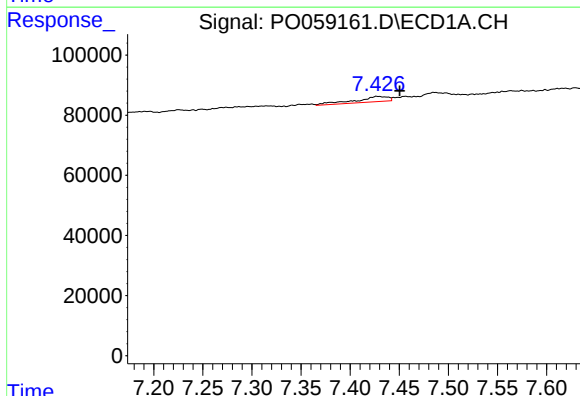
R.T.: 7.014 min
Delta R.T.: -0.022 min
Response: 98490
Conc: 27.35 ng/ml

Instrument :
ECD_O
ClientSampleId :
1S-Q-(0-1)-COMP



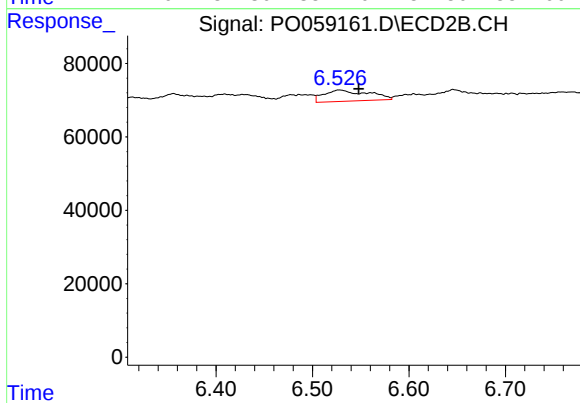
#29 AR-1254-4

R.T.: 6.116 min
Delta R.T.: -0.022 min
Response: 279380
Conc: 120.15 ng/ml



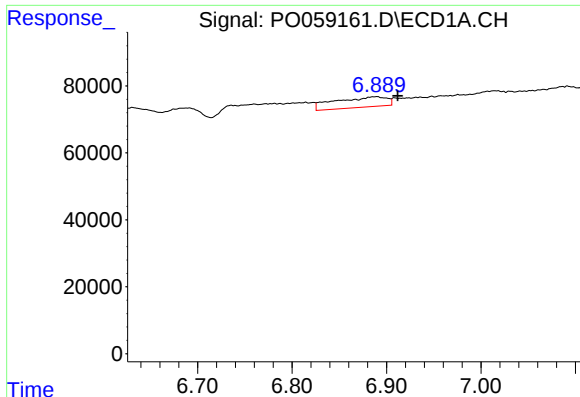
#30 AR-1254-5

R.T.: 7.428 min
Delta R.T.: -0.023 min
Response: 41217
Conc: 11.37 ng/ml



#30 AR-1254-5

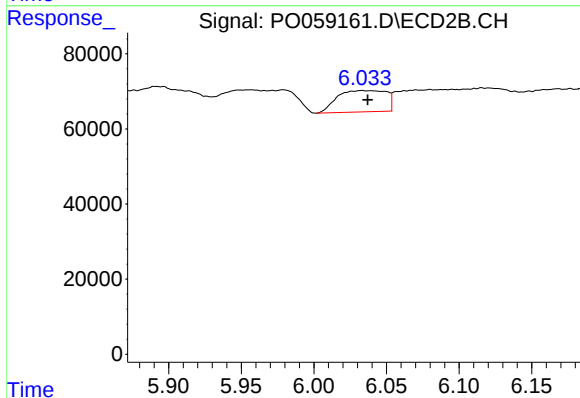
R.T.: 6.528 min
Delta R.T.: -0.020 min
Response: 96775
Conc: 28.05 ng/ml



#31 AR-1260-1

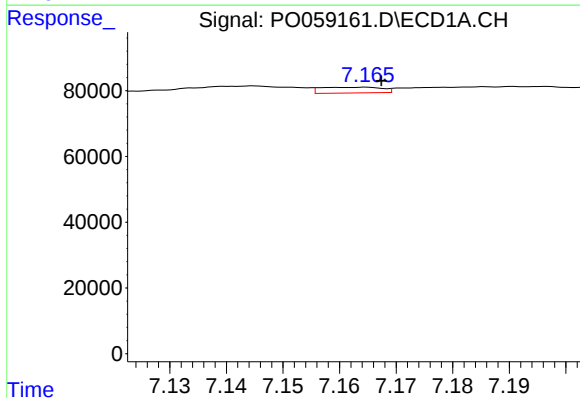
R.T.: 6.890 min
Delta R.T.: -0.022 min
Response: 117577
Conc: 40.84 ng/ml

Instrument :
ECD_O
ClientSampleId :
1S-Q-(0-1)-COMP



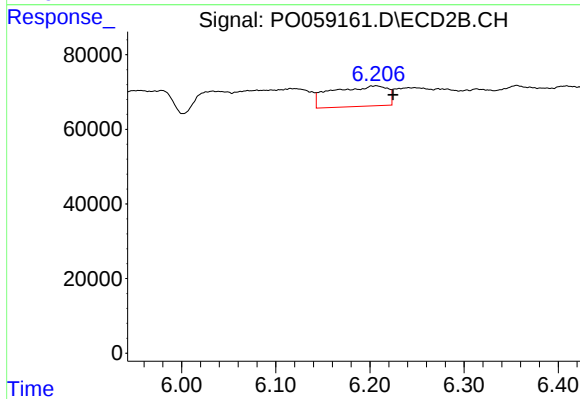
#31 AR-1260-1

R.T.: 6.033 min
Delta R.T.: -0.004 min
Response: 133674
Conc: 56.16 ng/ml



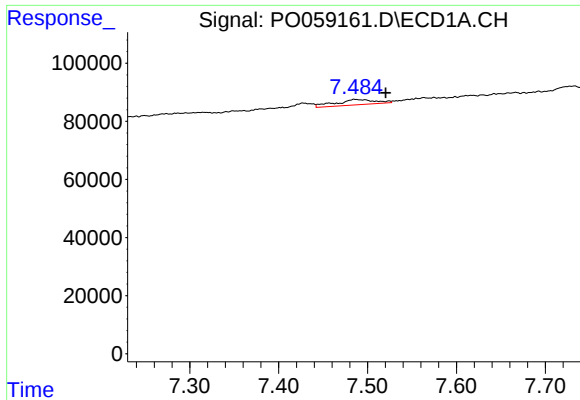
#32 AR-1260-2

R.T.: 7.164 min
Delta R.T.: -0.004 min
Response: 13116
Conc: 3.15 ng/ml



#32 AR-1260-2

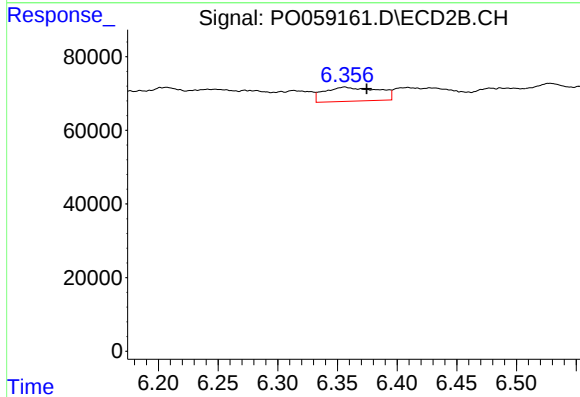
R.T.: 6.207 min
Delta R.T.: -0.018 min
Response: 225836
Conc: 74.55 ng/ml



#33 AR-1260-3

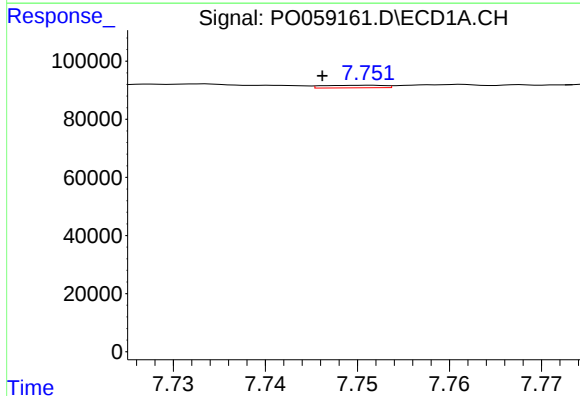
R.T.: 7.486 min
Delta R.T.: -0.035 min
Response: 56472
Conc: 15.16 ng/ml

Instrument :
ECD_O
ClientSampleId :
1S-Q-(0-1)-COMP



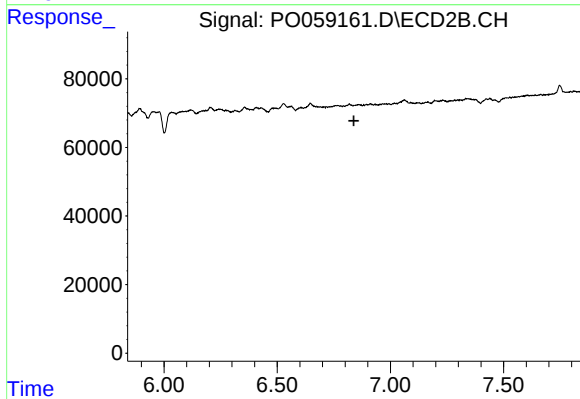
#33 AR-1260-3

R.T.: 6.356 min
Delta R.T.: -0.019 min
Response: 120166
Conc: 44.51 ng/ml



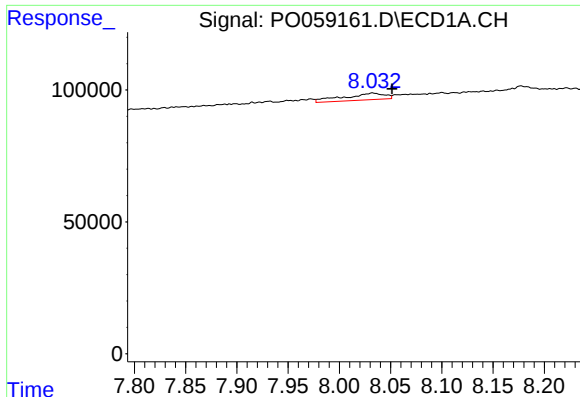
#34 AR-1260-4

R.T.: 7.751 min
Delta R.T.: 0.005 min
Response: 4043
Conc: 1.19 ng/ml



#34 AR-1260-4

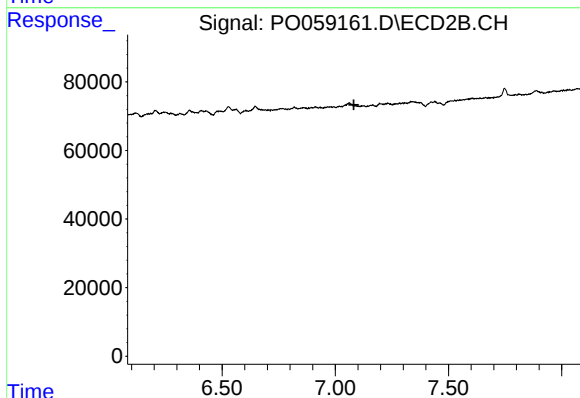
R.T.: 0.000 min
Exp R.T.: 6.839 min
Response: 0
Conc: N.D.



#35 AR-1260-5

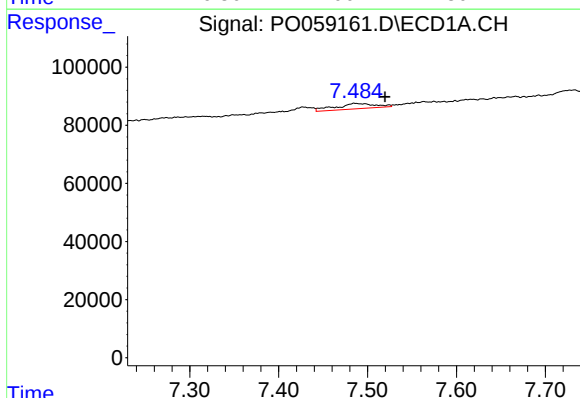
R.T.: 8.032 min
Delta R.T.: -0.019 min
Response: 71542
Conc: 9.73 ng/ml

Instrument :
ECD_O
ClientSampleId :
1S-Q-(0-1)-COMP



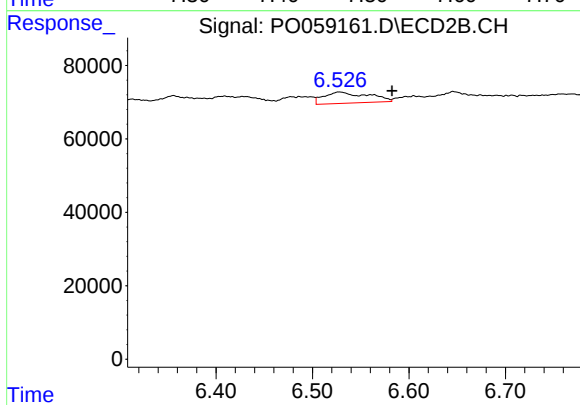
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T. : 7.082 min
Response: 0
Conc: N.D.



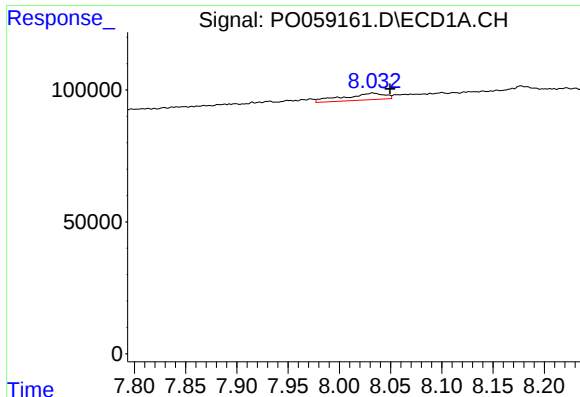
#36 AR-1262-1

R.T.: 7.486 min
Delta R.T.: -0.034 min
Response: 56472
Conc: 11.20 ng/ml



#36 AR-1262-1

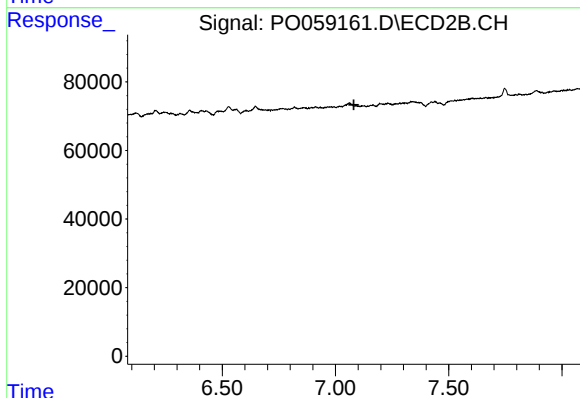
R.T.: 6.528 min
Delta R.T.: -0.055 min
Response: 96775
Conc: 27.09 ng/ml



#37 AR-1262-2

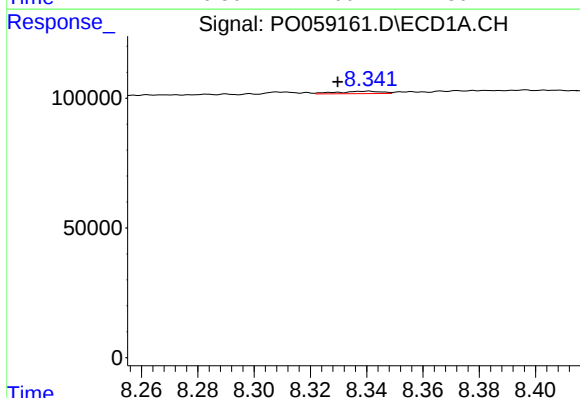
R.T.: 8.032 min
Delta R.T.: -0.017 min
Response: 71542
Conc: 8.99 ng/ml

Instrument :
ECD_O
ClientSampleId :
1S-Q-(0-1)-COMP



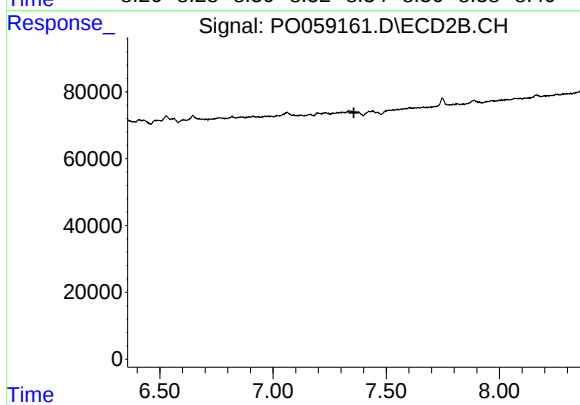
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T. : 7.082 min
Response: 0
Conc: N.D.



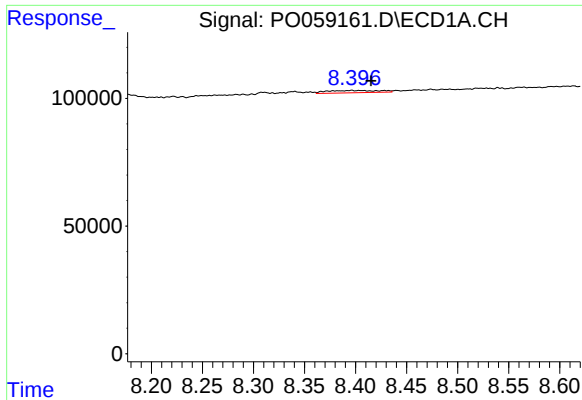
#38 AR-1262-3

R.T.: 8.340 min
Delta R.T.: 0.010 min
Response: 9756
Conc: 1.92 ng/ml



#38 AR-1262-3

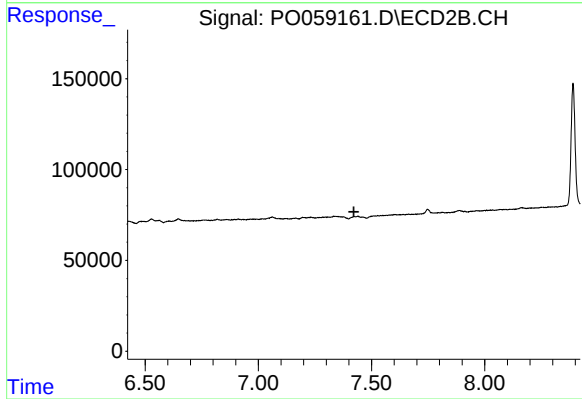
R.T.: 0.000 min
Exp R.T. : 7.357 min
Response: 0
Conc: N.D.



#39 AR-1262-4

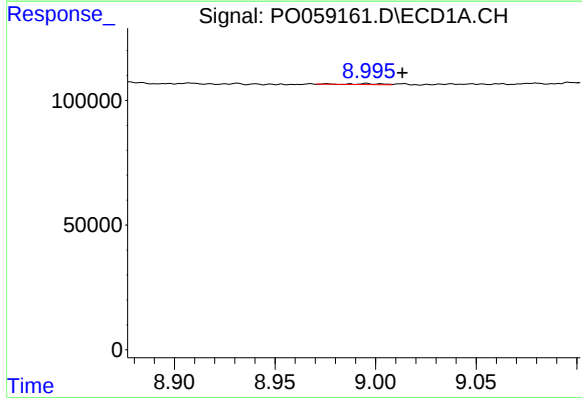
R.T.: 8.396 min
Delta R.T.: -0.019 min
Response: 31401
Conc: 8.29 ng/ml

Instrument :
ECD_O
ClientSampleId :
1S-Q-(0-1)-COMP



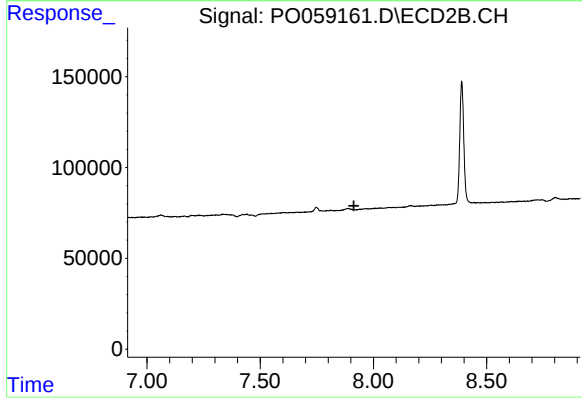
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 7.422 min
Response: 0
Conc: N.D.



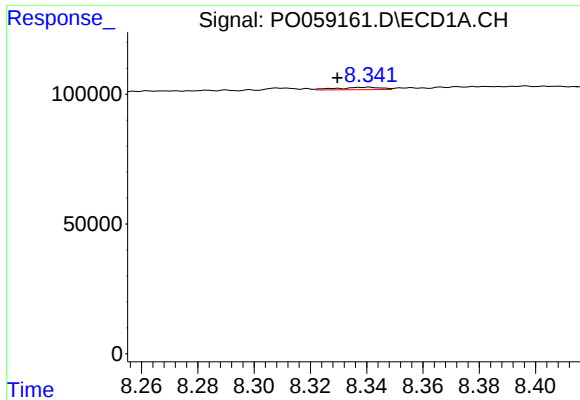
#40 AR-1262-5

R.T.: 8.995 min
Delta R.T.: -0.018 min
Response: 3922
Conc: 1.71 ng/ml



#40 AR-1262-5

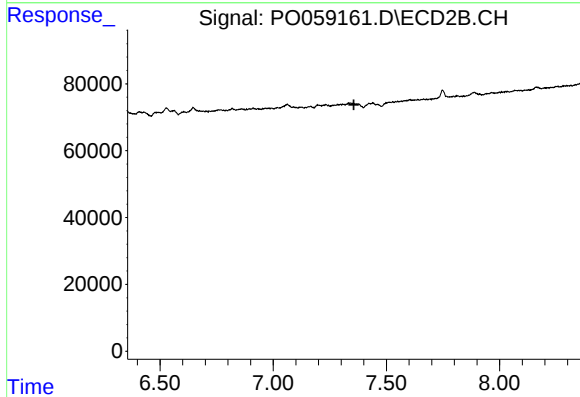
R.T.: 0.000 min
Exp R.T. : 7.914 min
Response: 0
Conc: N.D.



#41 AR-1268-1

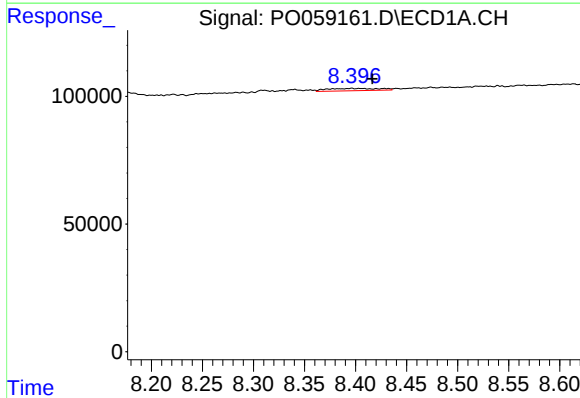
R.T.: 8.340 min
Delta R.T.: 0.011 min
Response: 9756
Conc: 0.87 ng/ml

Instrument :
ECD_O
ClientSampleId :
1S-Q-(0-1)-COMP



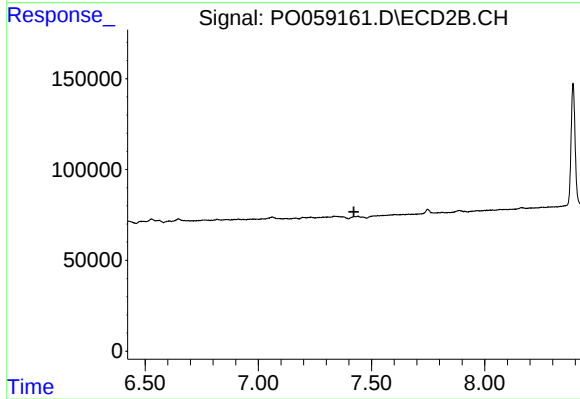
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 7.357 min
Response: 0
Conc: N.D.



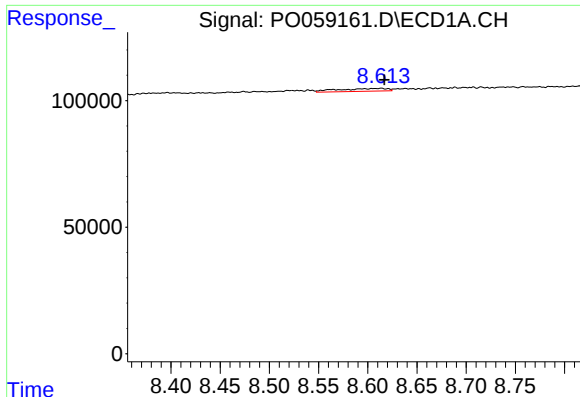
#42 AR-1268-2

R.T.: 8.396 min
Delta R.T.: -0.020 min
Response: 31401
Conc: 3.34 ng/ml



#42 AR-1268-2

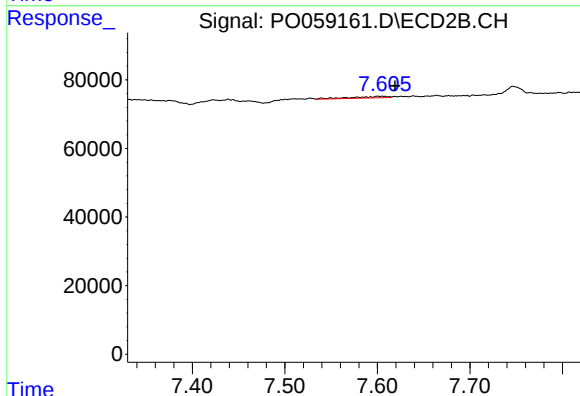
R.T.: 0.000 min
Exp R.T. : 7.422 min
Response: 0
Conc: N.D.



#43 AR-1268-3

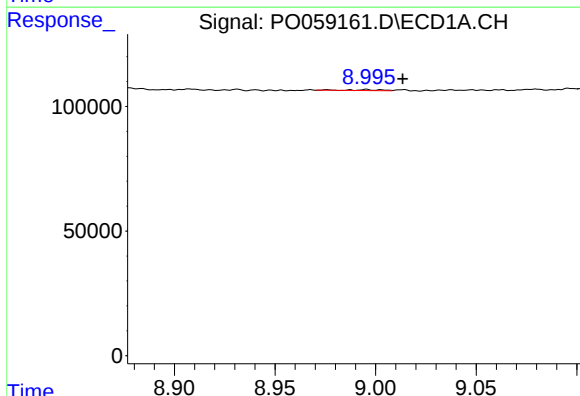
R.T.: 8.614 min
Delta R.T.: -0.003 min
Response: 38512
Conc: 4.66 ng/ml

Instrument :
ECD_O
ClientSampleId :
1S-Q-(0-1)-COMP



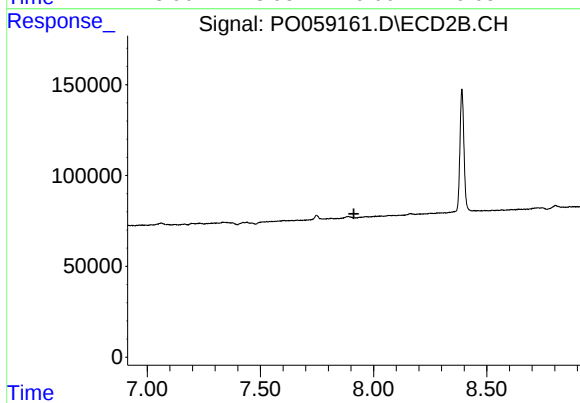
#43 AR-1268-3

R.T.: 7.606 min
Delta R.T.: -0.013 min
Response: 13022
Conc: 2.04 ng/ml



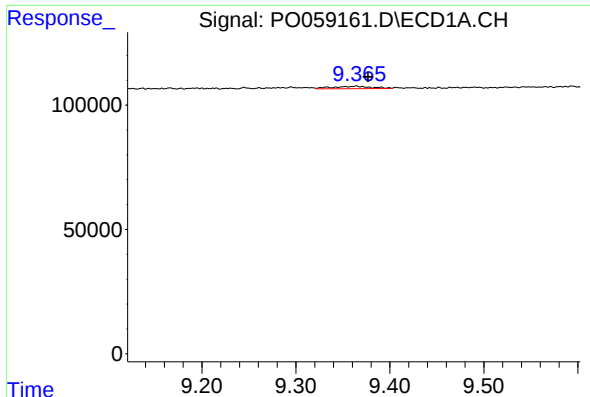
#44 AR-1268-4

R.T.: 8.995 min
Delta R.T.: -0.018 min
Response: 3922
Conc: 1.31 ng/ml



#44 AR-1268-4

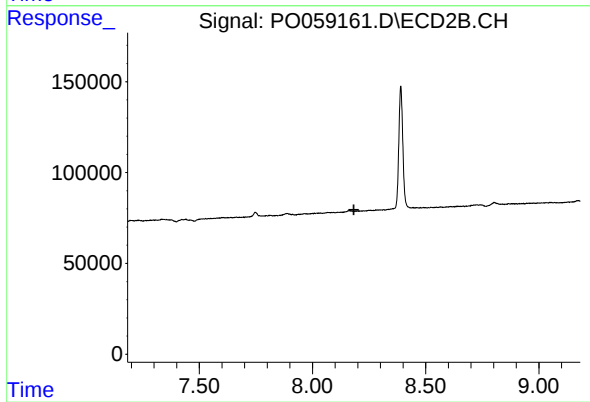
R.T.: 0.000 min
Exp R.T.: 7.913 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.364 min
Delta R.T.: -0.013 min
Response: 27230
Conc: 1.27 ng/ml

Instrument :
ECD_O
ClientSampleId :
1S-Q-(0-1)-COMP



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 8.183 min
Response: 0
Conc: N.D.