

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0082119\
 Data File : P0059608.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 21 Aug 2019 21:01
 Operator : SM/AJ
 Sample : K4448-05 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 HOPPER-2-082019-31

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 22 03:59:23 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0081719.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Aug 17 03:09:44 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...	4.131	3.501	143061	131008	4.086	3.640
2)	SA Decachlor...	9.661	8.367	3139	114962	0.059	2.851 #
Target Compounds							
3)	L1 AR-1016-1	5.266	4.552	2988	9813	1.863	7.258 #
4)	L1 AR-1016-2	5.349	4.552	9511	9813	3.975	4.899
5)	L1 AR-1016-3	5.400	4.785	1035	8132	0.695	7.517 #
6)	L1 AR-1016-4	0.000	4.785	0	8132	N.D.	9.006 #
8)	L2 AR-1221-1	4.357	0.000	1099	0	2.596	N.D. #
9)	L2 AR-1221-2	4.474	3.833	884	11526	2.721	37.835 #
10)	L2 AR-1221-3	4.523	3.833	957	11526	0.910	11.779 #
11)	L3 AR-1232-1	4.523	3.833	957	11526	0.768	10.109 #
12)	L3 AR-1232-2	5.013	4.552	2498	9813	3.537	7.705 #
13)	L3 AR-1232-3	5.349	4.785	9511	8132	6.211	11.943 #
14)	L3 AR-1232-4	0.000	4.785	0	8132	N.D.	13.330 #
15)	L3 AR-1232-5	5.580	0.000	3042	0	5.061	N.D. #
16)	L4 AR-1242-1	5.266	4.552	2988	9813	2.354	9.539 #
17)	L4 AR-1242-2	5.349	4.552	9511	9813	5.125	6.443 #
18)	L4 AR-1242-3	5.400	4.785	1035	8132	0.885	9.733 #
19)	L4 AR-1242-4	0.000	4.785	0	8132	N.D.	9.746 #
21)	L5 AR-1248-1	5.266	4.552	2988	9813	2.981	11.850 #
22)	L5 AR-1248-2	5.580	4.785	3042	8132	2.097	7.052 #
23)	L5 AR-1248-3	0.000	4.785	0	8132	N.D.	6.847 #
24)	L5 AR-1248-4	6.124	0.000	3639	0	1.780	N.D. #
26)	L6 AR-1254-1	6.124	0.000	3639	0	1.744	N.D. #
28)	L6 AR-1254-3	6.742	5.899	7134	2571	2.010	0.764 #
29)	L6 AR-1254-4	6.985	6.071	10840	2859	3.680	1.387 #
30)	L6 AR-1254-5	0.000	6.512	0	9427	N.D.	3.036 #
31)	L7 AR-1260-1	0.000	6.000	0	4668	N.D.	2.048 #
32)	L7 AR-1260-2	7.196	6.189	27109	13797	7.306	4.709 #
33)	L7 AR-1260-3	0.000	6.333	0	5011	N.D.	1.891 #
34)	L7 AR-1260-4	0.000	6.866	0	4709	N.D.	2.081 #
35)	L7 AR-1260-5	0.000	7.048	0	6135	N.D.	1.115 #
36)	L8 AR-1262-1	0.000	6.586	0	6089	N.D.	1.633 #
37)	L8 AR-1262-2	0.000	7.048	0	6135	N.D.	1.044 #
38)	L8 AR-1262-3	0.000	7.319	0	6787	N.D.	2.671 #
39)	L8 AR-1262-4	0.000	7.399	0	1693	N.D.	0.383 #
41)	L9 AR-1268-1	0.000	7.319	0	6787	N.D.	0.953 #
42)	L9 AR-1268-2	0.000	7.399	0	1693	N.D.	0.263 #
45)	L9 AR-1268-5	9.323	8.139	141694	2142	7.683	0.147 #

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

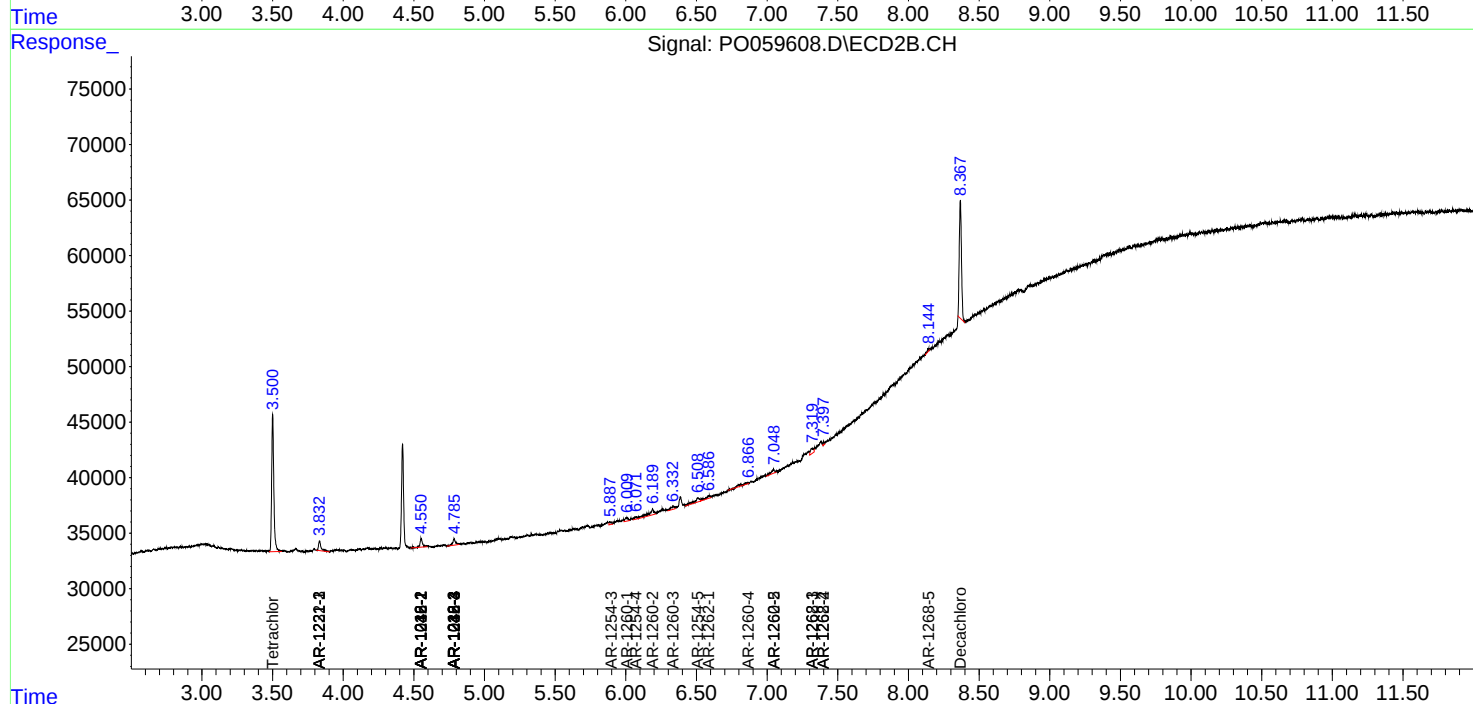
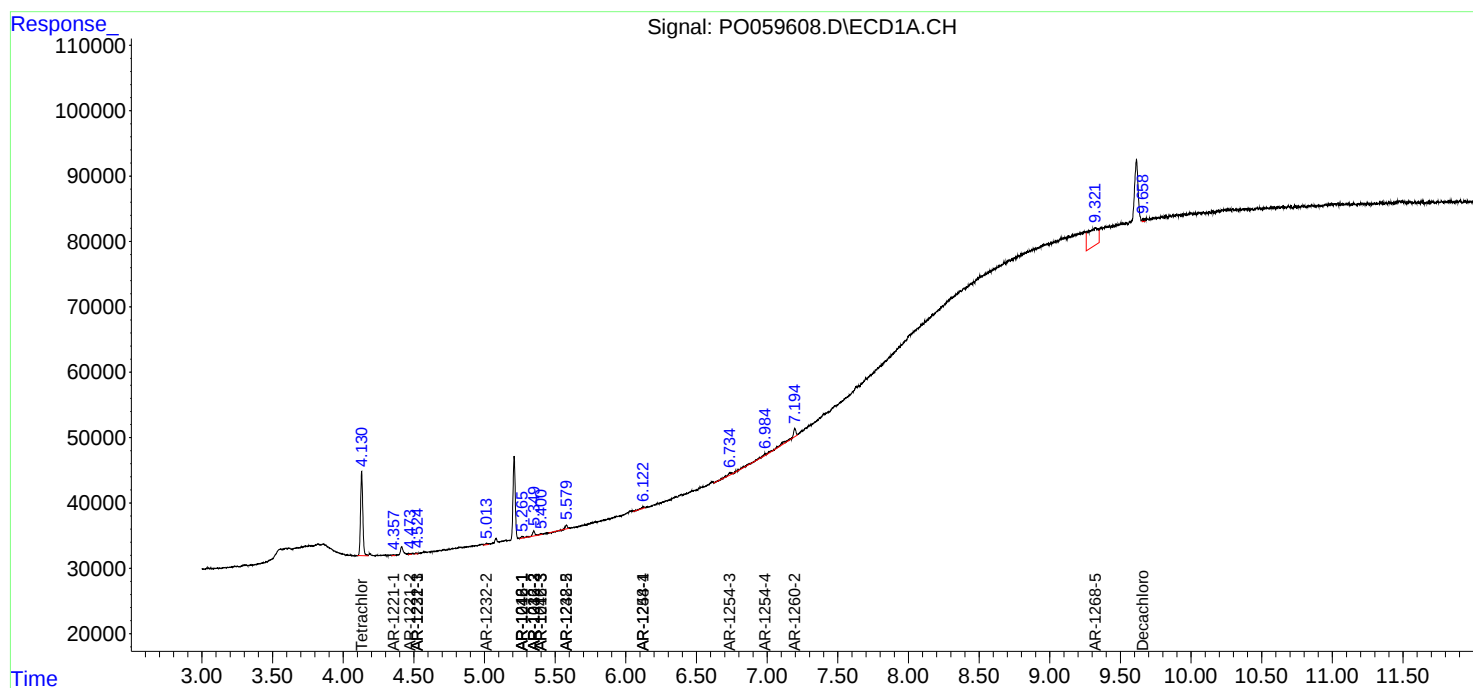
Instrument :
ECD_O
ClientSampleId :
HOPPER-2-082019-31

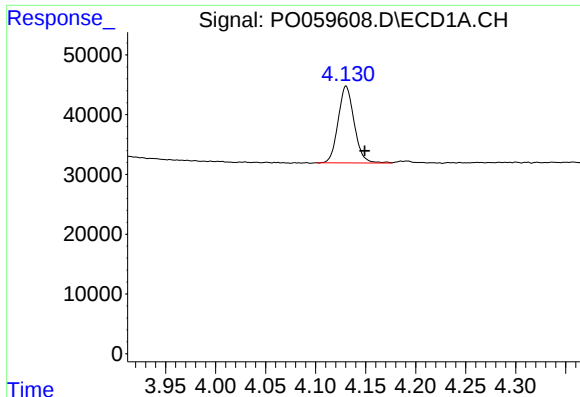
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0082119\
Data File : P0059608.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 21 Aug 2019 21:01
Operator : SM/AJ
Sample : K4448-05 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
HOPPER-2-082019-31

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 22 03:59:23 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0081719.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Aug 17 03:09:44 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

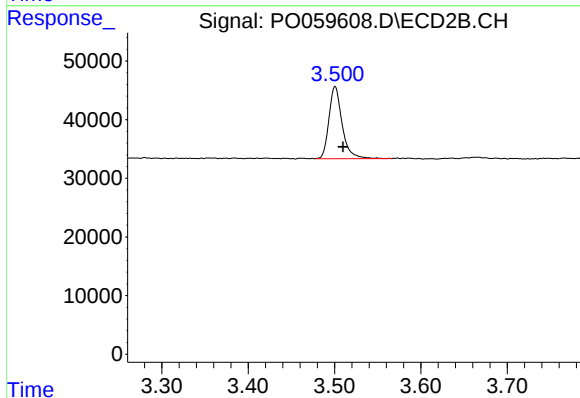




#1 Tetrachloro-m-xylene

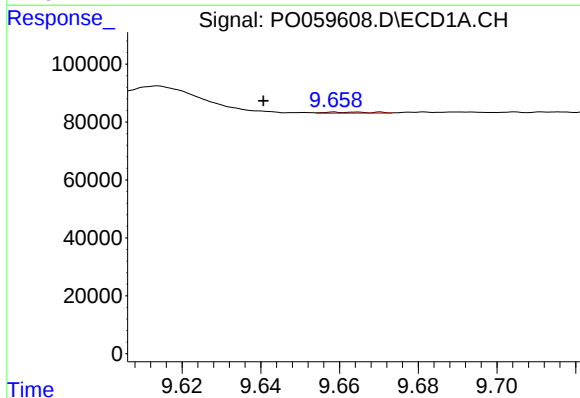
R.T.: 4.131 min
Delta R.T.: -0.018 min
Response: 143061
Conc: 4.09 ng/ml

Instrument :
ECD_O
ClientSampleId :
HOPPER-2-082019-31



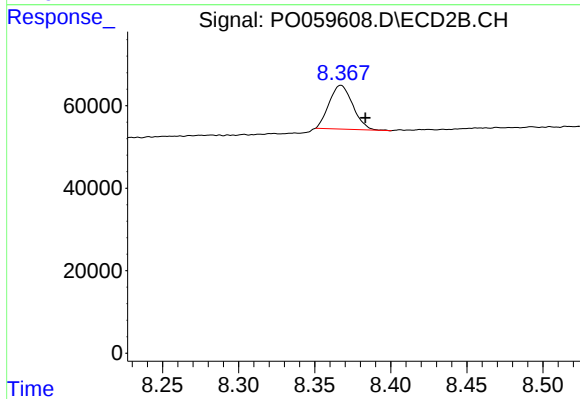
#1 Tetrachloro-m-xylene

R.T.: 3.501 min
Delta R.T.: -0.009 min
Response: 131008
Conc: 3.64 ng/ml



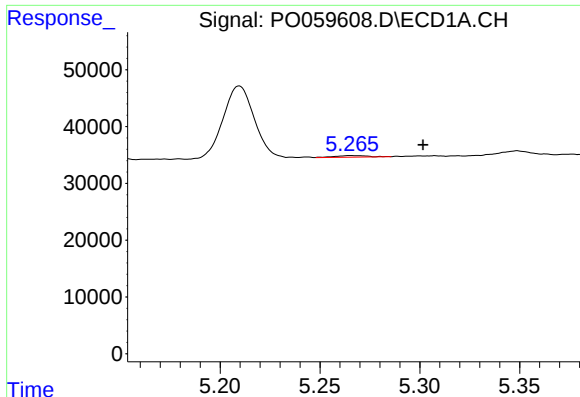
#2 Decachlorobiphenyl

R.T.: 9.661 min
Delta R.T.: 0.021 min
Response: 3139
Conc: 0.06 ng/ml



#2 Decachlorobiphenyl

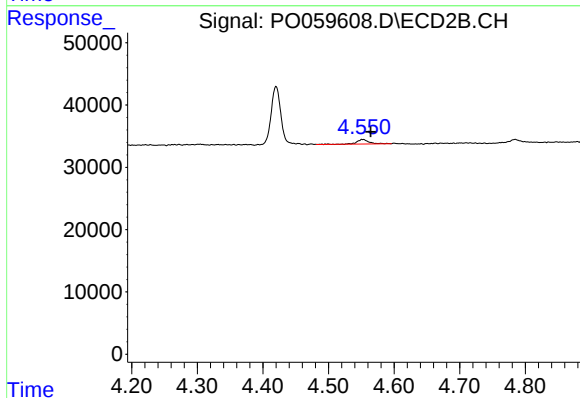
R.T.: 8.367 min
Delta R.T.: -0.016 min
Response: 114962
Conc: 2.85 ng/ml



#3 AR-1016-1

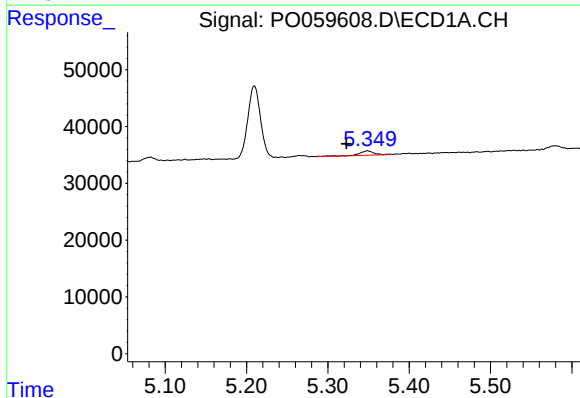
R.T.: 5.266 min
Delta R.T.: -0.035 min
Response: 2988
Conc: 1.86 ng/ml

Instrument :
ECD_O
ClientSampleId :
HOPPER-2-082019-31



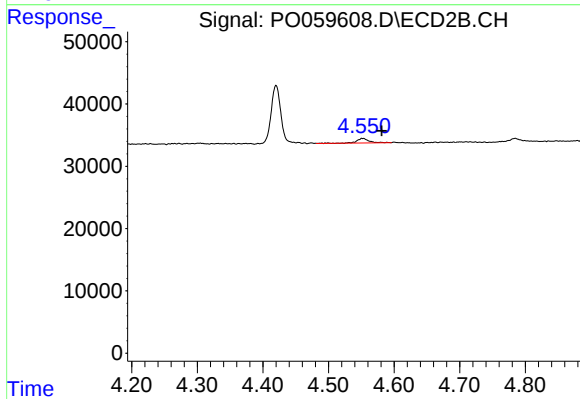
#3 AR-1016-1

R.T.: 4.552 min
Delta R.T.: -0.012 min
Response: 9813
Conc: 7.26 ng/ml



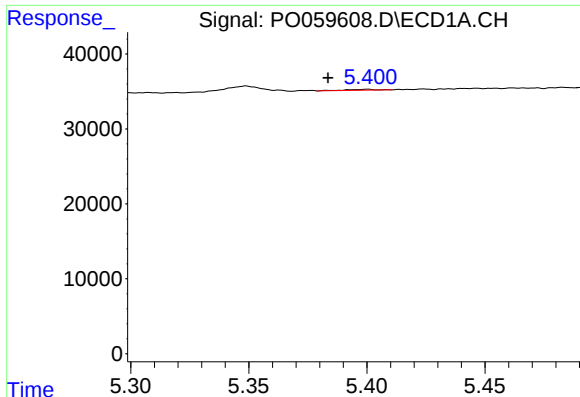
#4 AR-1016-2

R.T.: 5.349 min
Delta R.T.: 0.026 min
Response: 9511
Conc: 3.98 ng/ml



#4 AR-1016-2

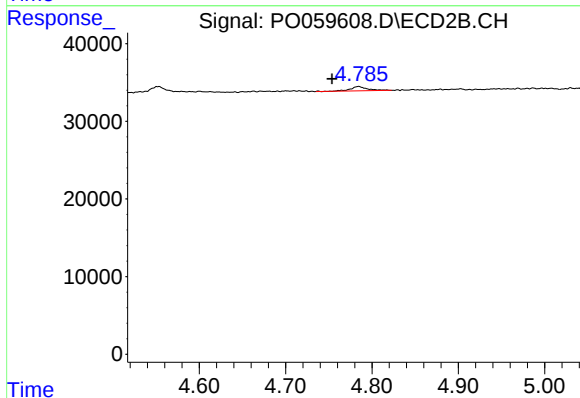
R.T.: 4.552 min
Delta R.T.: -0.029 min
Response: 9813
Conc: 4.90 ng/ml



#5 AR-1016-3

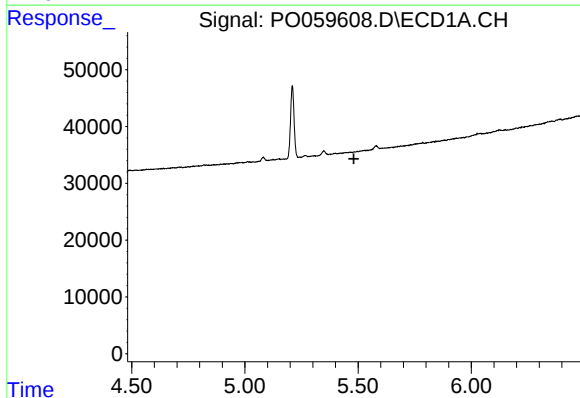
R.T.: 5.400 min
Delta R.T.: 0.016 min
Response: 1035
Conc: 0.69 ng/ml

Instrument :
ECD_O
ClientSampleId :
HOPPER-2-082019-31



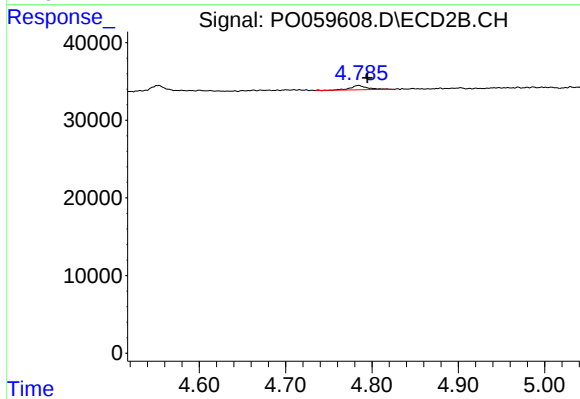
#5 AR-1016-3

R.T.: 4.785 min
Delta R.T.: 0.031 min
Response: 8132
Conc: 7.52 ng/ml



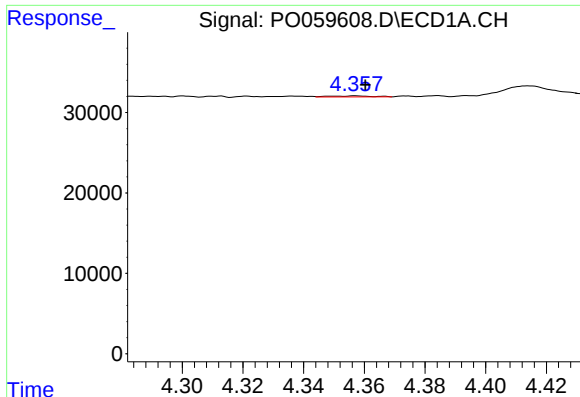
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 5.481 min
Response: 0
Conc: N.D.



#6 AR-1016-4

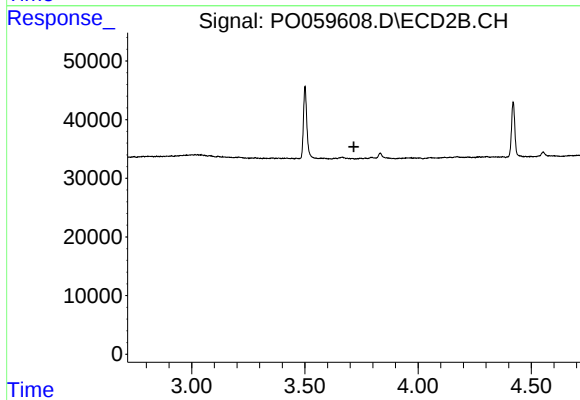
R.T.: 4.785 min
Delta R.T.: -0.010 min
Response: 8132
Conc: 9.01 ng/ml



#8 AR-1221-1

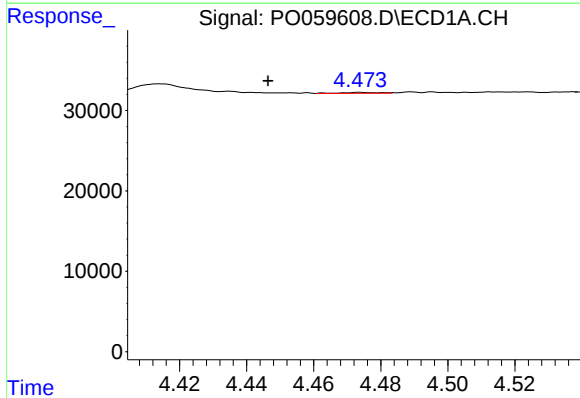
R.T.: 4.357 min
Delta R.T.: -0.003 min
Response: 1099
Conc: 2.60 ng/ml

Instrument :
ECD_O
ClientSampleId :
HOPPER-2-082019-31



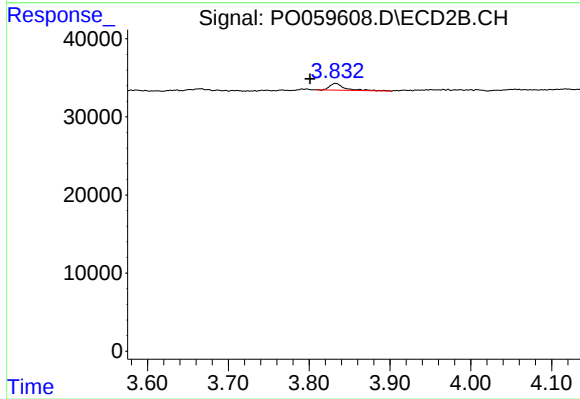
#8 AR-1221-1

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



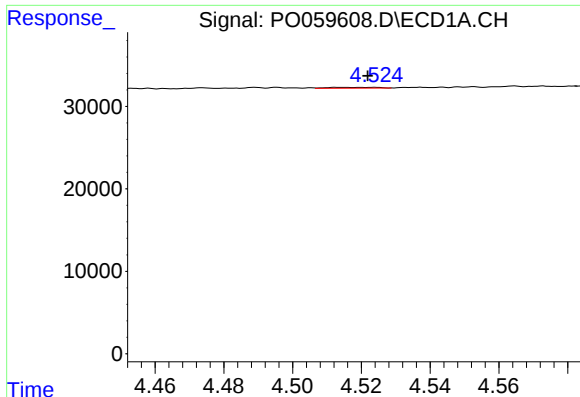
#9 AR-1221-2

R.T.: 4.474 min
Delta R.T.: 0.028 min
Response: 884
Conc: 2.72 ng/ml



#9 AR-1221-2

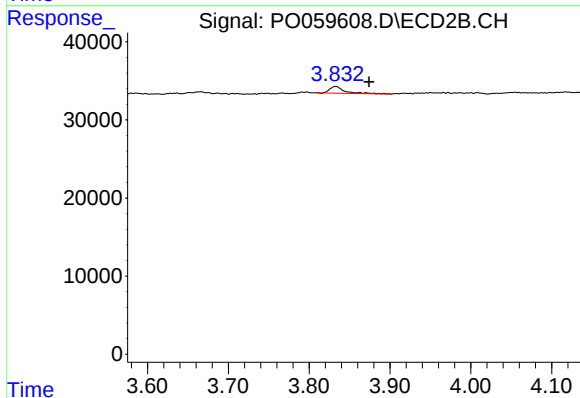
R.T.: 3.833 min
Delta R.T.: 0.032 min
Response: 11526
Conc: 37.84 ng/ml



#10 AR-1221-3

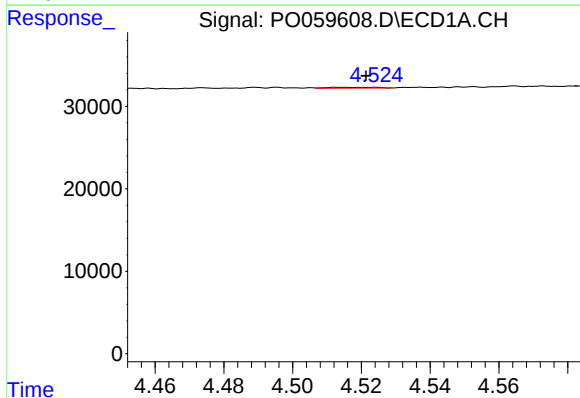
R.T.: 4.523 min
Delta R.T.: 0.001 min
Response: 957
Conc: 0.91 ng/ml

Instrument :
ECD_O
ClientSampleId :
HOPPER-2-082019-31



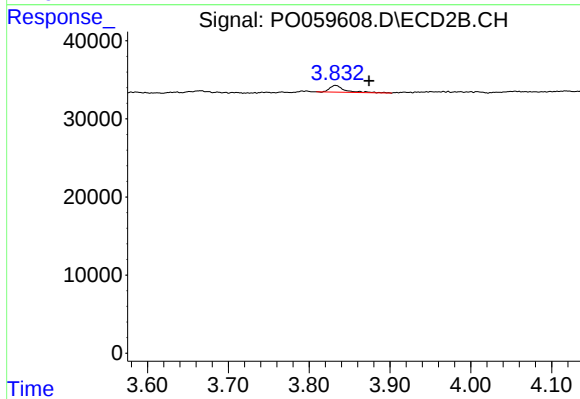
#10 AR-1221-3

R.T.: 3.833 min
Delta R.T.: -0.041 min
Response: 11526
Conc: 11.78 ng/ml



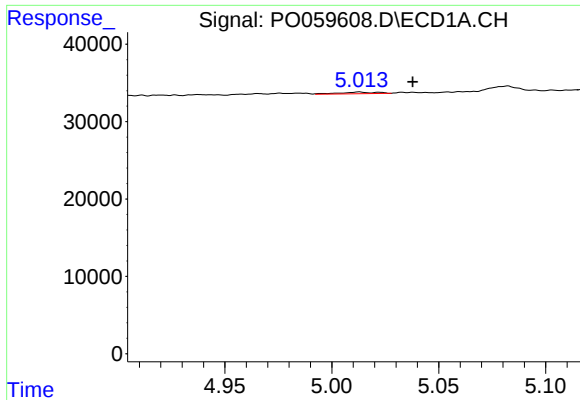
#11 AR-1232-1

R.T.: 4.523 min
Delta R.T.: 0.002 min
Response: 957
Conc: 0.77 ng/ml



#11 AR-1232-1

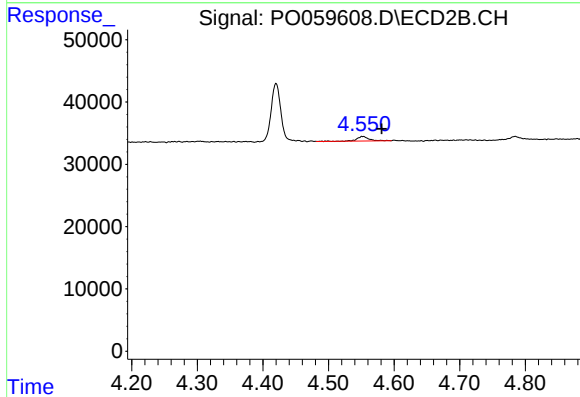
R.T.: 3.833 min
Delta R.T.: -0.041 min
Response: 11526
Conc: 10.11 ng/ml



#12 AR-1232-2

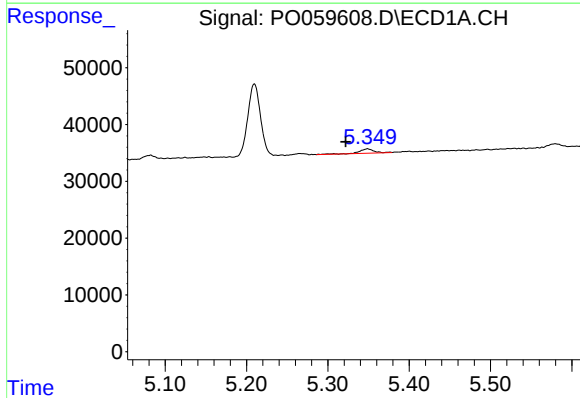
R.T.: 5.013 min
Delta R.T.: -0.025 min
Response: 2498
Conc: 3.54 ng/ml

Instrument :
ECD_O
ClientSampleId :
HOPPER-2-082019-31



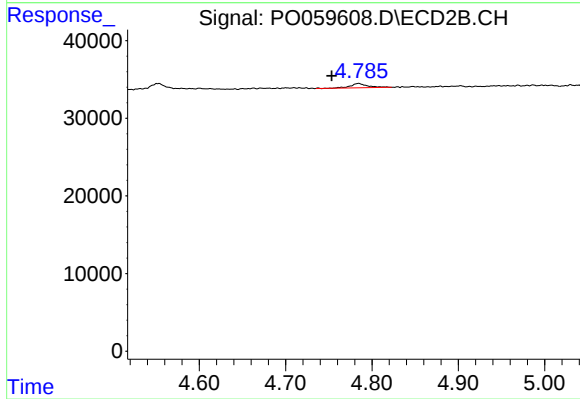
#12 AR-1232-2

R.T.: 4.552 min
Delta R.T.: -0.029 min
Response: 9813
Conc: 7.70 ng/ml



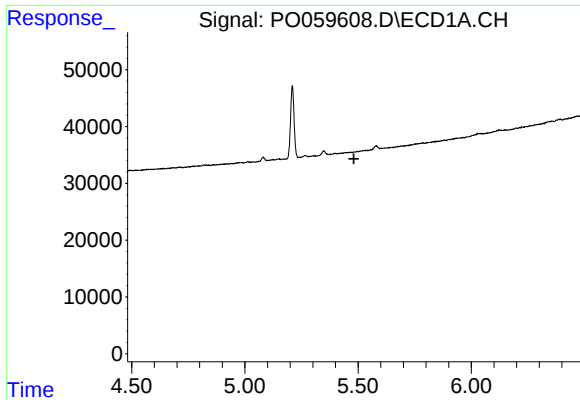
#13 AR-1232-3

R.T.: 5.349 min
Delta R.T.: 0.027 min
Response: 9511
Conc: 6.21 ng/ml



#13 AR-1232-3

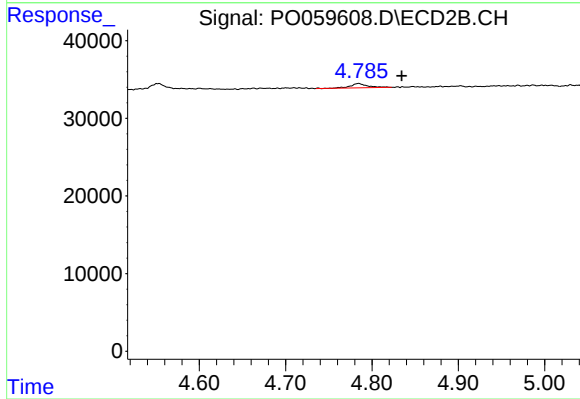
R.T.: 4.785 min
Delta R.T.: 0.031 min
Response: 8132
Conc: 11.94 ng/ml



#14 AR-1232-4

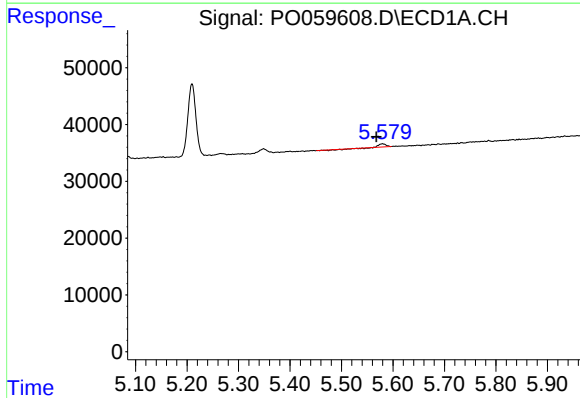
R.T.: 0.000 min
Exp R.T.: 5.481 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
HOPPER-2-082019-31



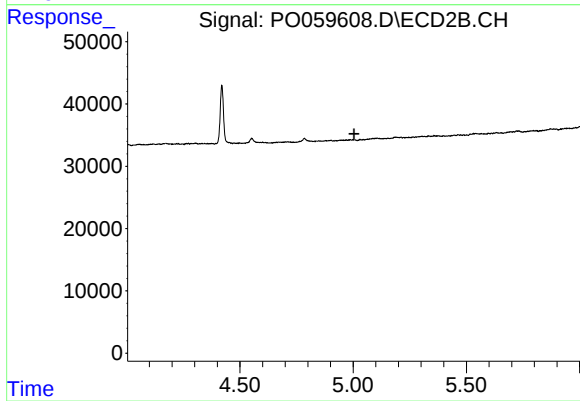
#14 AR-1232-4

R.T.: 4.785 min
Delta R.T.: -0.050 min
Response: 8132
Conc: 13.33 ng/ml



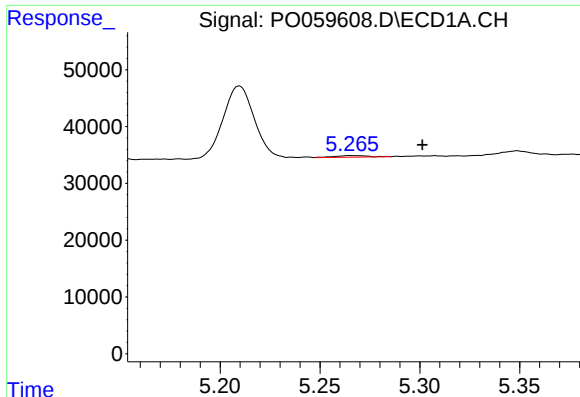
#15 AR-1232-5

R.T.: 5.580 min
Delta R.T.: 0.012 min
Response: 3042
Conc: 5.06 ng/ml



#15 AR-1232-5

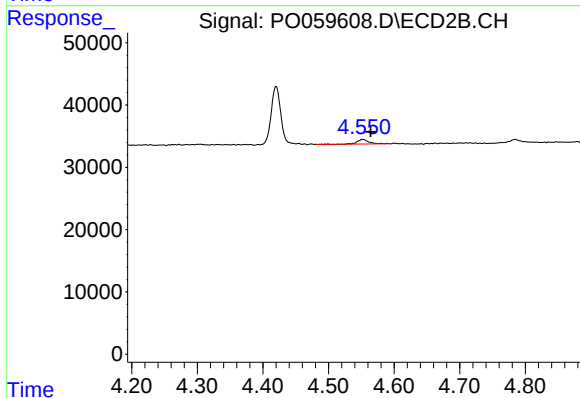
R.T.: 0.000 min
Exp R.T.: 5.004 min
Response: 0
Conc: N.D.



#16 AR-1242-1

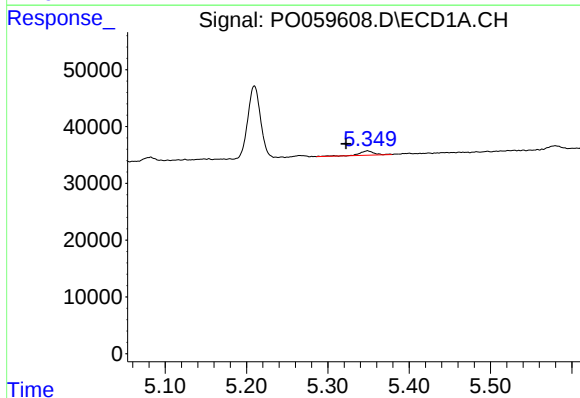
R.T.: 5.266 min
Delta R.T.: -0.035 min
Response: 2988
Conc: 2.35 ng/ml

Instrument :
ECD_O
ClientSampleId :
HOPPER-2-082019-31



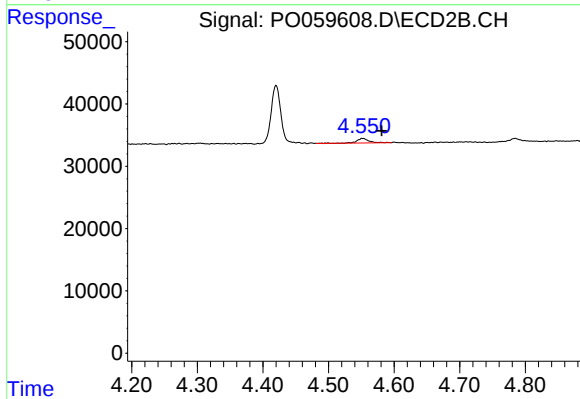
#16 AR-1242-1

R.T.: 4.552 min
Delta R.T.: -0.012 min
Response: 9813
Conc: 9.54 ng/ml



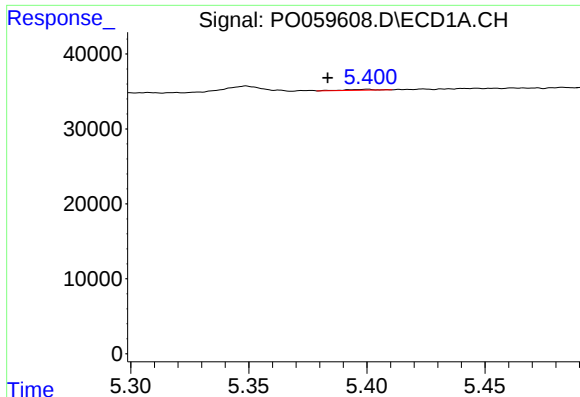
#17 AR-1242-2

R.T.: 5.349 min
Delta R.T.: 0.026 min
Response: 9511
Conc: 5.13 ng/ml



#17 AR-1242-2

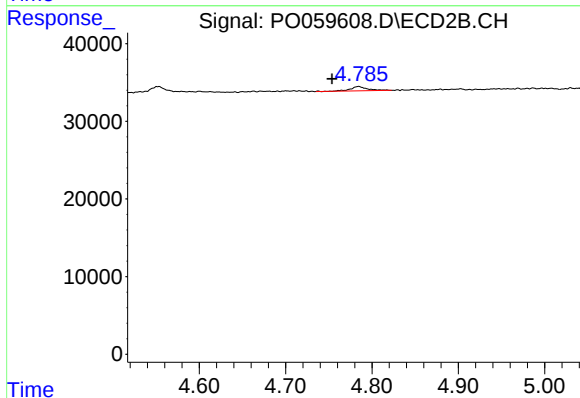
R.T.: 4.552 min
Delta R.T.: -0.029 min
Response: 9813
Conc: 6.44 ng/ml



#18 AR-1242-3

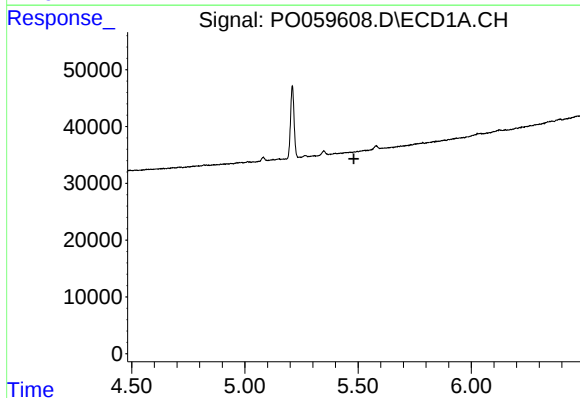
R.T.: 5.400 min
Delta R.T.: 0.016 min
Response: 1035
Conc: 0.89 ng/ml

Instrument :
ECD_O
ClientSampleId :
HOPPER-2-082019-31



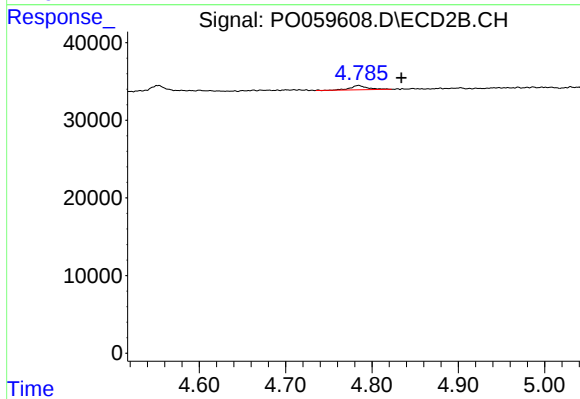
#18 AR-1242-3

R.T.: 4.785 min
Delta R.T.: 0.031 min
Response: 8132
Conc: 9.73 ng/ml



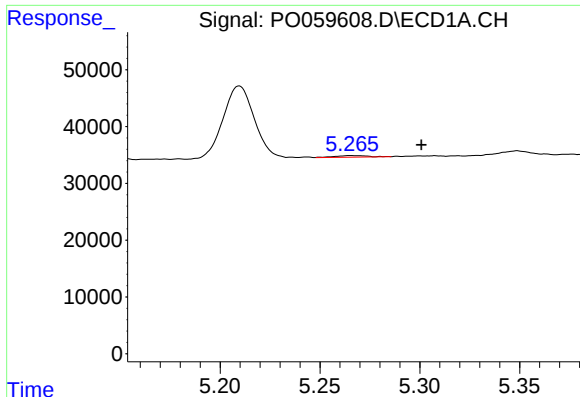
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 5.482 min
Response: 0
Conc: N.D.



#19 AR-1242-4

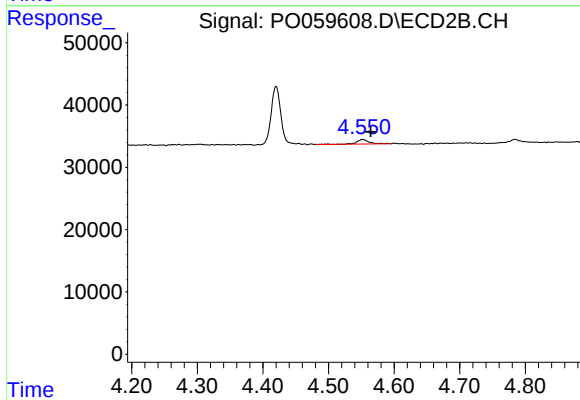
R.T.: 4.785 min
Delta R.T.: -0.050 min
Response: 8132
Conc: 9.75 ng/ml



#21 AR-1248-1

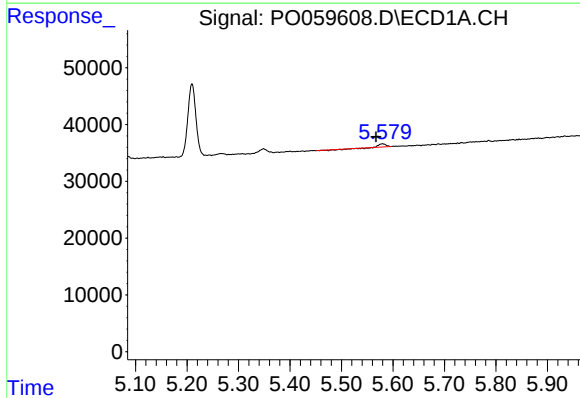
R.T.: 5.266 min
Delta R.T.: -0.034 min
Response: 2988
Conc: 2.98 ng/ml

Instrument :
ECD_O
ClientSampleId :
HOPPER-2-082019-31



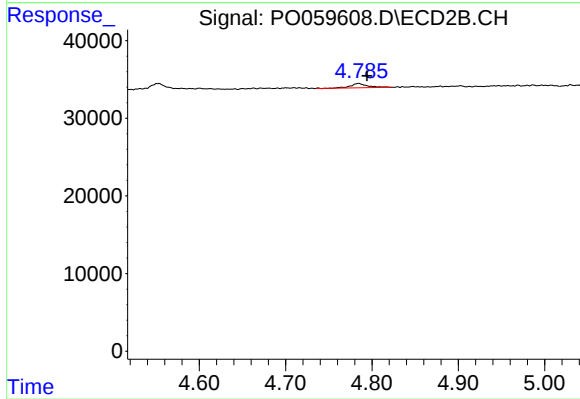
#21 AR-1248-1

R.T.: 4.552 min
Delta R.T.: -0.012 min
Response: 9813
Conc: 11.85 ng/ml



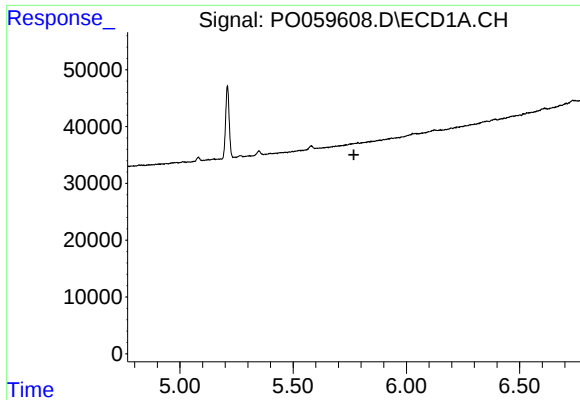
#22 AR-1248-2

R.T.: 5.580 min
Delta R.T.: 0.013 min
Response: 3042
Conc: 2.10 ng/ml



#22 AR-1248-2

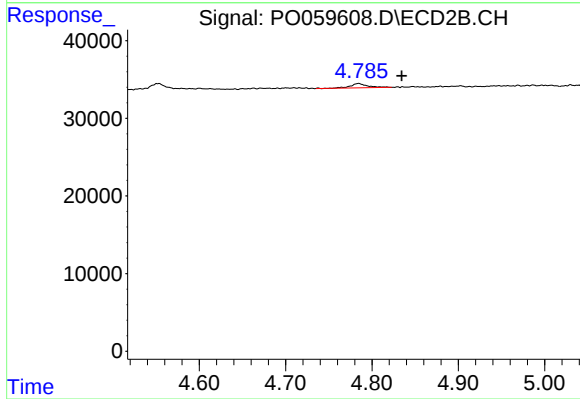
R.T.: 4.785 min
Delta R.T.: -0.010 min
Response: 8132
Conc: 7.05 ng/ml



#23 AR-1248-3

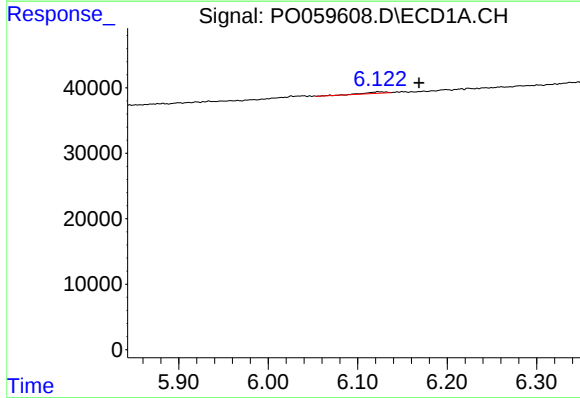
R.T.: 0.000 min
Exp R.T.: 5.768 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
HOPPER-2-082019-31



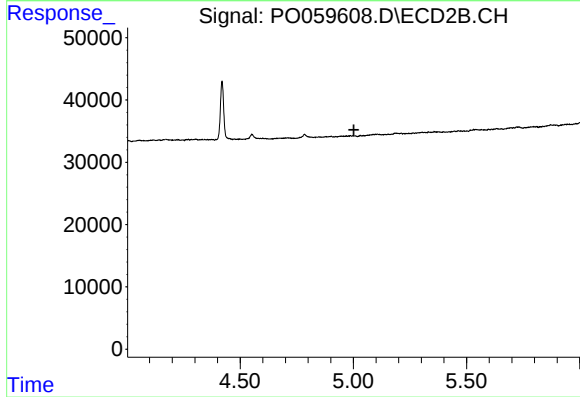
#23 AR-1248-3

R.T.: 4.785 min
Delta R.T.: -0.050 min
Response: 8132
Conc: 6.85 ng/ml



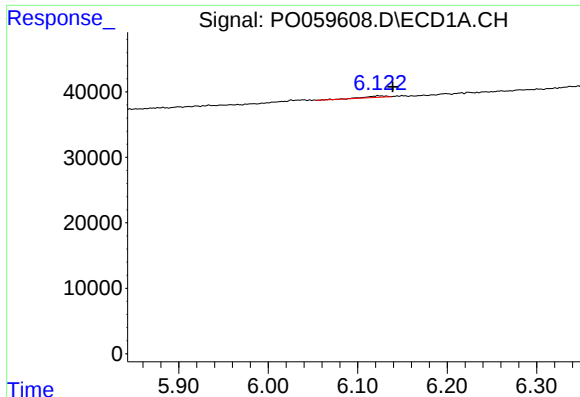
#24 AR-1248-4

R.T.: 6.124 min
Delta R.T.: -0.045 min
Response: 3639
Conc: 1.78 ng/ml



#24 AR-1248-4

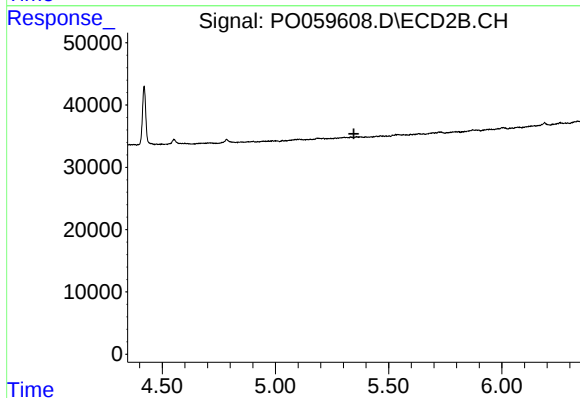
R.T.: 0.000 min
Exp R.T.: 5.003 min
Response: 0
Conc: N.D.



#26 AR-1254-1

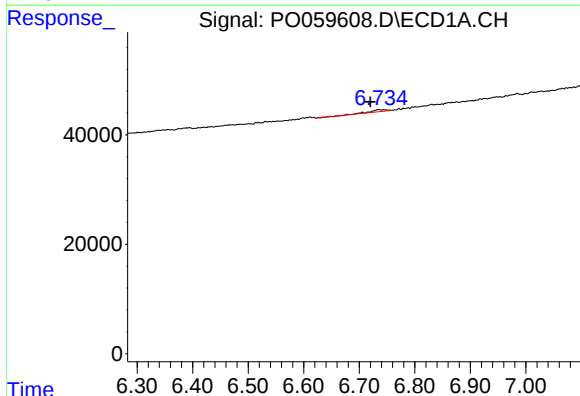
R.T.: 6.124 min
Delta R.T.: -0.015 min
Response: 3639
Conc: 1.74 ng/ml

Instrument :
ECD_O
ClientSampleId :
HOPPER-2-082019-31



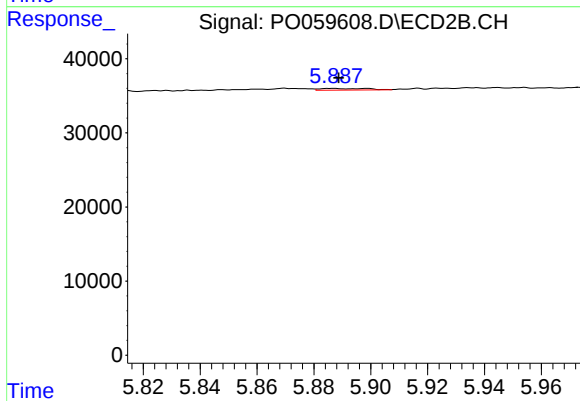
#26 AR-1254-1

R.T.: 0.000 min
Exp R.T. : 5.346 min
Response: 0
Conc: N.D.



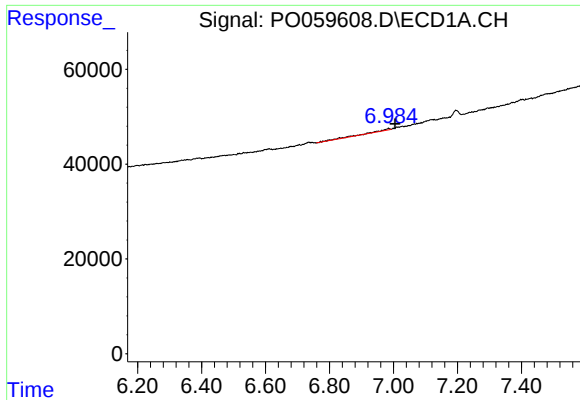
#28 AR-1254-3

R.T.: 6.742 min
Delta R.T.: 0.021 min
Response: 7134
Conc: 2.01 ng/ml



#28 AR-1254-3

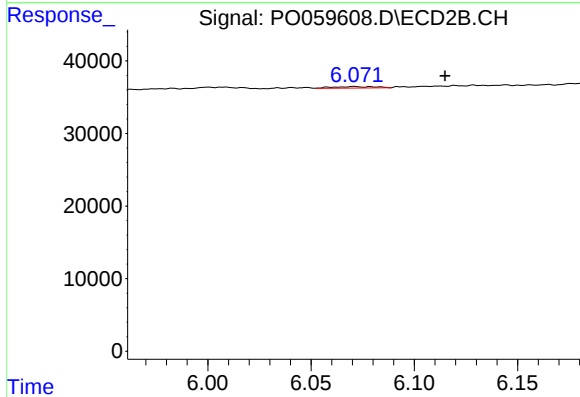
R.T.: 5.899 min
Delta R.T.: 0.010 min
Response: 2571
Conc: 0.76 ng/ml



#29 AR-1254-4

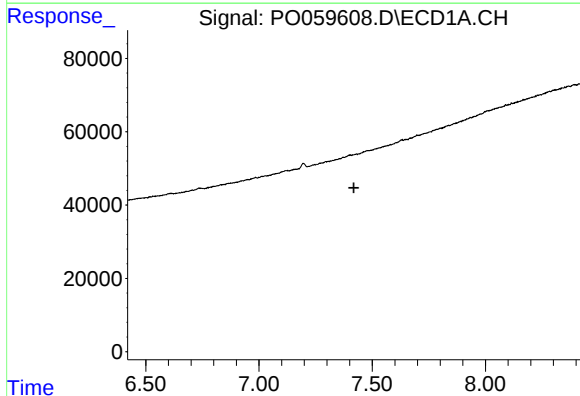
R.T.: 6.985 min
Delta R.T.: -0.020 min
Response: 10840
Conc: 3.68 ng/ml

Instrument :
ECD_O
ClientSampleId :
HOPPER-2-082019-31



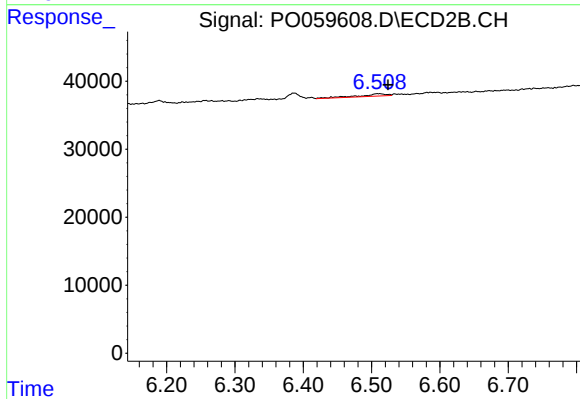
#29 AR-1254-4

R.T.: 6.071 min
Delta R.T.: -0.044 min
Response: 2859
Conc: 1.39 ng/ml



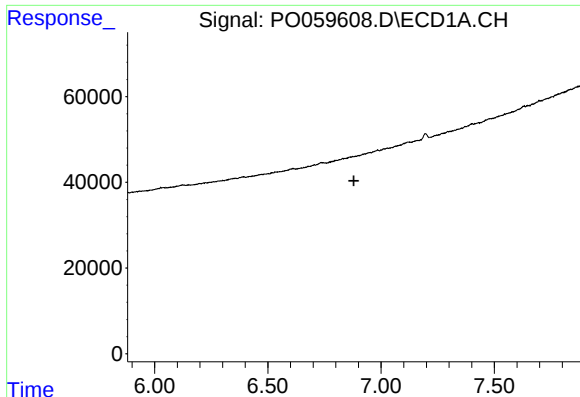
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T. : 7.419 min
Response: 0
Conc: N.D.



#30 AR-1254-5

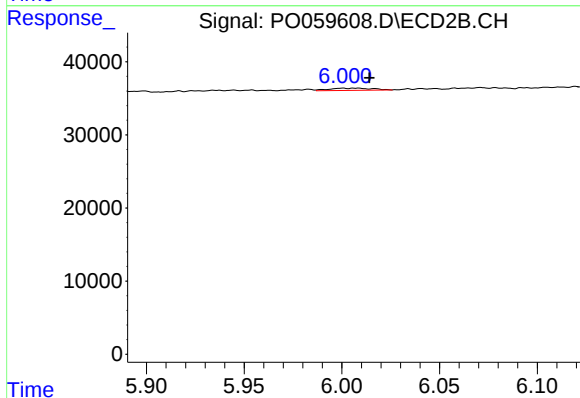
R.T.: 6.512 min
Delta R.T.: -0.012 min
Response: 9427
Conc: 3.04 ng/ml



#31 AR-1260-1

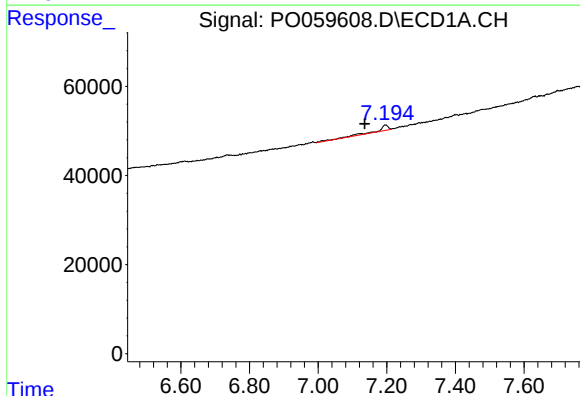
R.T.: 0.000 min
Exp R.T.: 6.880 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
HOPPER-2-082019-31



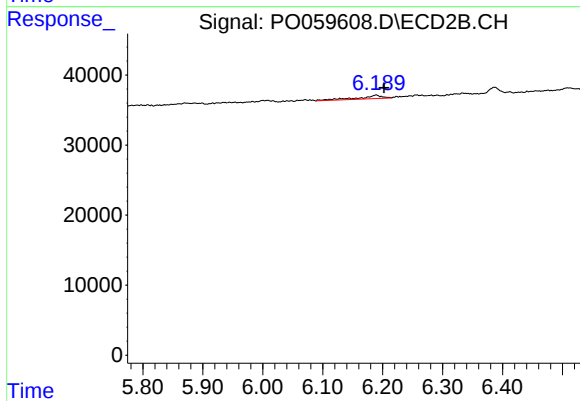
#31 AR-1260-1

R.T.: 6.000 min
Delta R.T.: -0.014 min
Response: 4668
Conc: 2.05 ng/ml



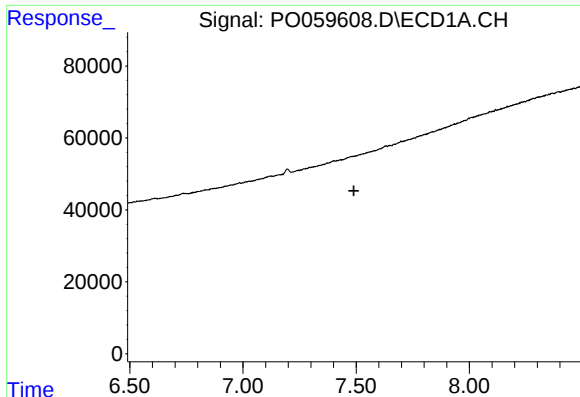
#32 AR-1260-2

R.T.: 7.196 min
Delta R.T.: 0.061 min
Response: 27109
Conc: 7.31 ng/ml



#32 AR-1260-2

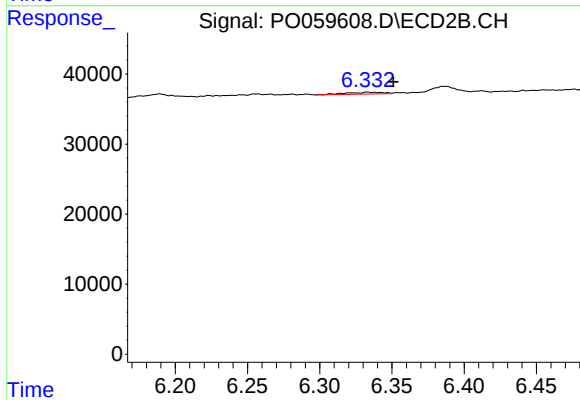
R.T.: 6.189 min
Delta R.T.: -0.013 min
Response: 13797
Conc: 4.71 ng/ml



#33 AR-1260-3

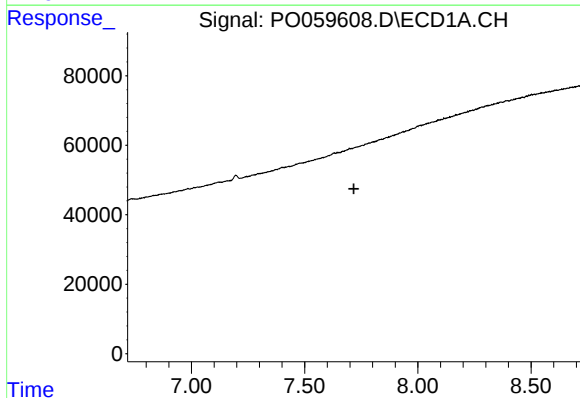
R.T.: 0.000 min
Exp R.T.: 7.490 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
HOPPER-2-082019-31



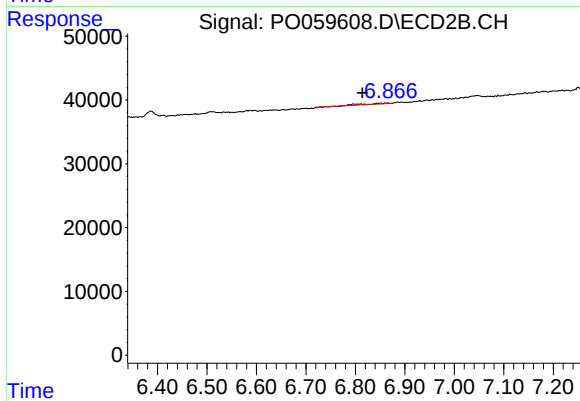
#33 AR-1260-3

R.T.: 6.333 min
Delta R.T.: -0.018 min
Response: 5011
Conc: 1.89 ng/ml



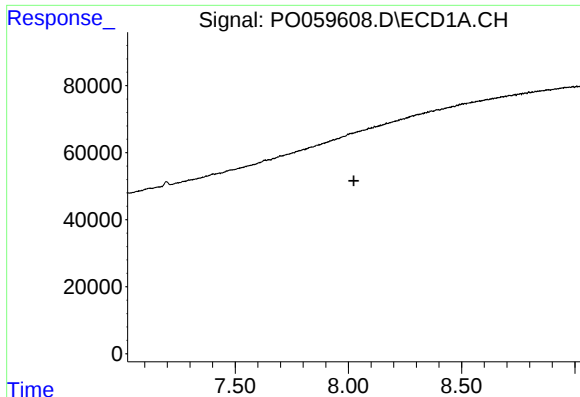
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T.: 7.717 min
Response: 0
Conc: N.D.



#34 AR-1260-4

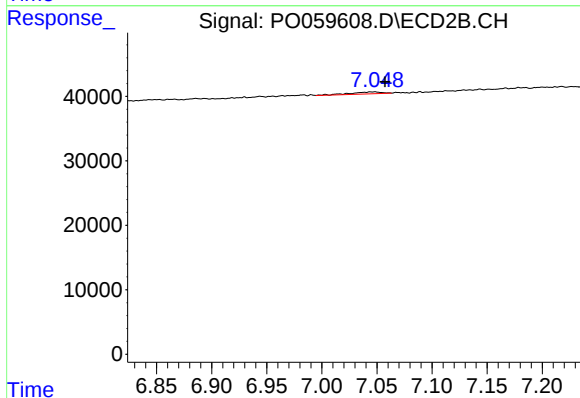
R.T.: 6.866 min
Delta R.T.: 0.052 min
Response: 4709
Conc: 2.08 ng/ml



#35 AR-1260-5

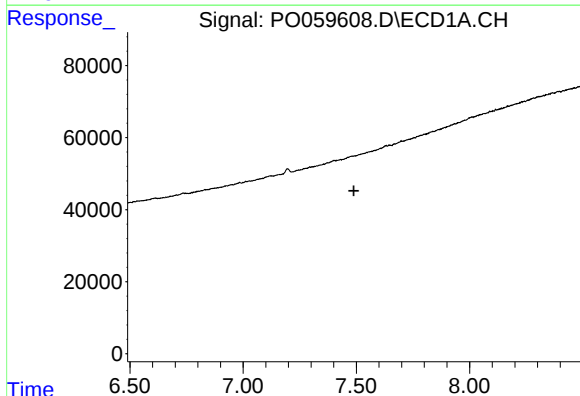
R.T.: 0.000 min
Exp R.T.: 8.024 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
HOPPER-2-082019-31



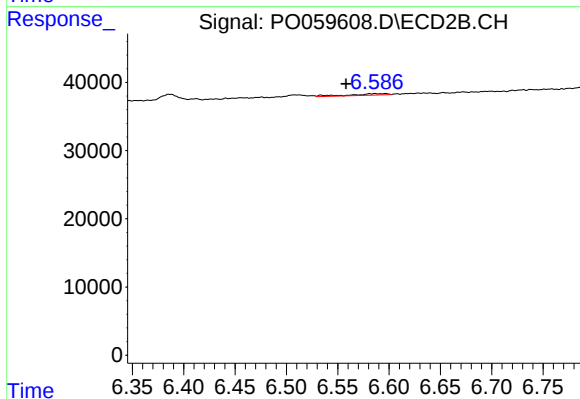
#35 AR-1260-5

R.T.: 7.048 min
Delta R.T.: -0.010 min
Response: 6135
Conc: 1.11 ng/ml



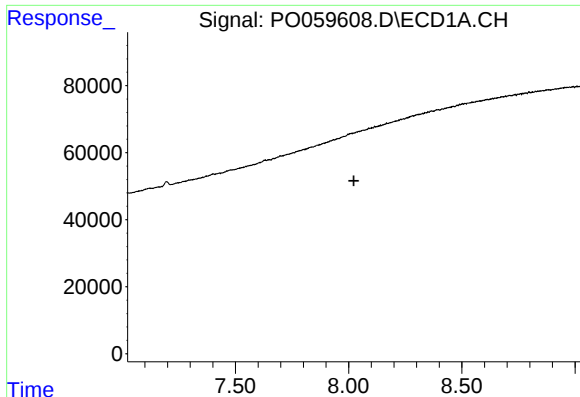
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T.: 7.489 min
Response: 0
Conc: N.D.



#36 AR-1262-1

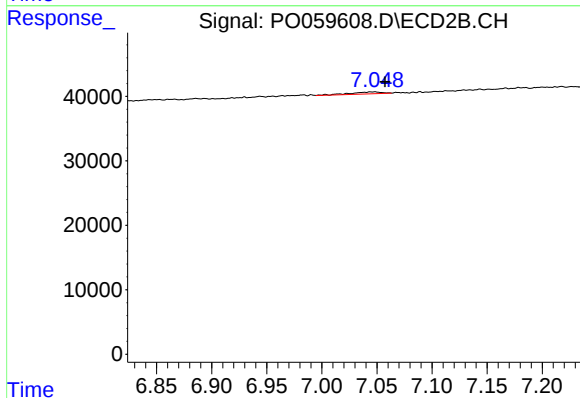
R.T.: 6.586 min
Delta R.T.: 0.028 min
Response: 6089
Conc: 1.63 ng/ml



#37 AR-1262-2

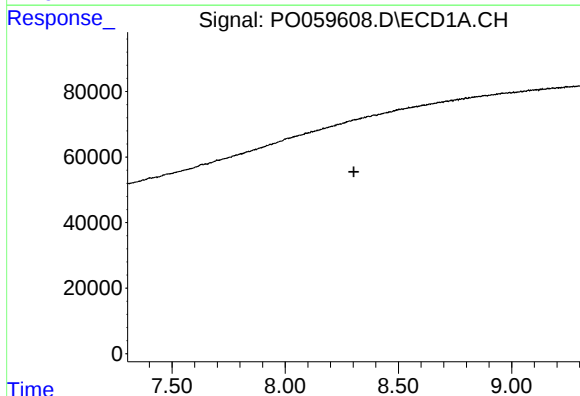
R.T.: 0.000 min
Exp R.T.: 8.023 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
HOPPER-2-082019-31



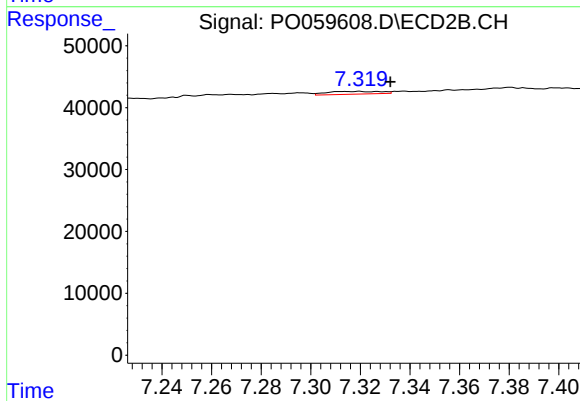
#37 AR-1262-2

R.T.: 7.048 min
Delta R.T.: -0.010 min
Response: 6135
Conc: 1.04 ng/ml



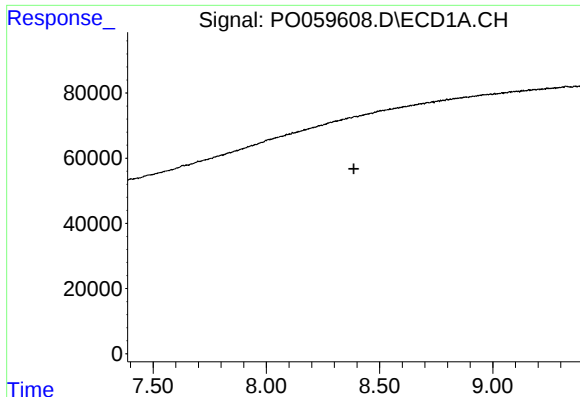
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T.: 8.303 min
Response: 0
Conc: N.D.



#38 AR-1262-3

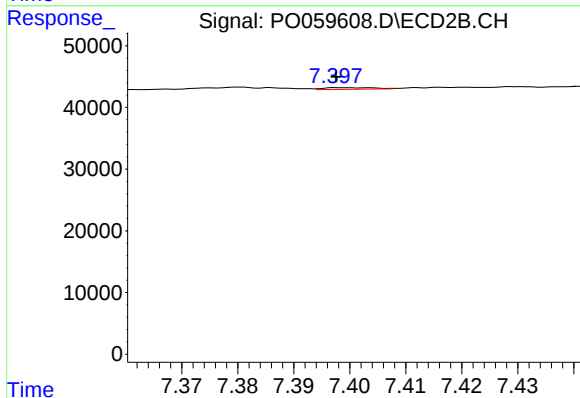
R.T.: 7.319 min
Delta R.T.: -0.013 min
Response: 6787
Conc: 2.67 ng/ml



#39 AR-1262-4

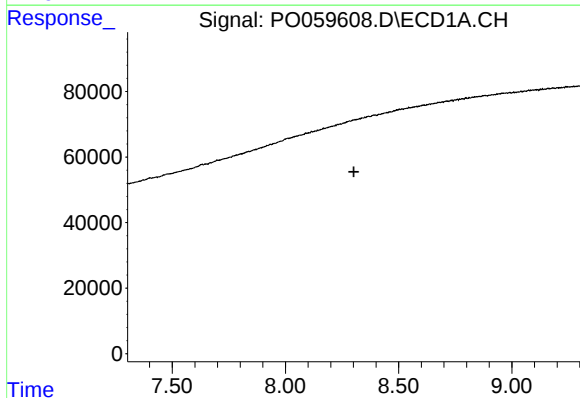
R.T.: 0.000 min
Exp R.T.: 8.386 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
HOPPER-2-082019-31



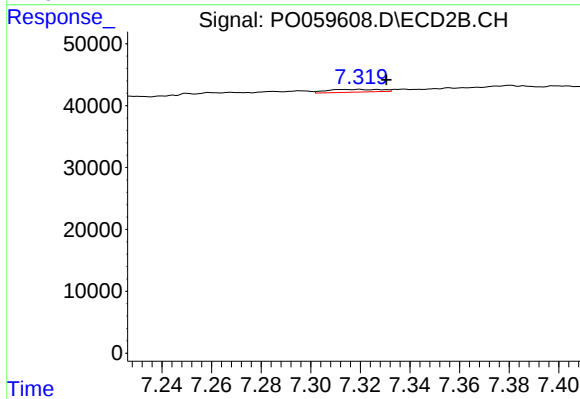
#39 AR-1262-4

R.T.: 7.399 min
Delta R.T.: 0.002 min
Response: 1693
Conc: 0.38 ng/ml



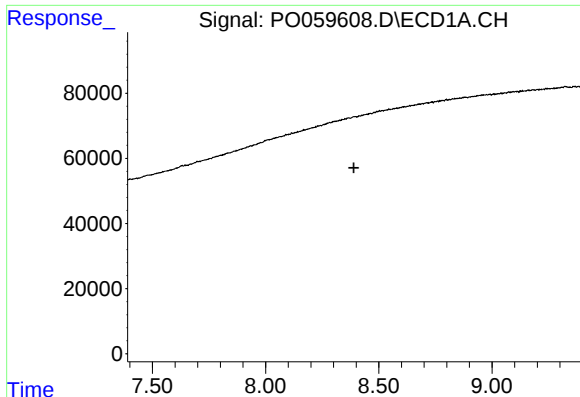
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T.: 8.302 min
Response: 0
Conc: N.D.



#41 AR-1268-1

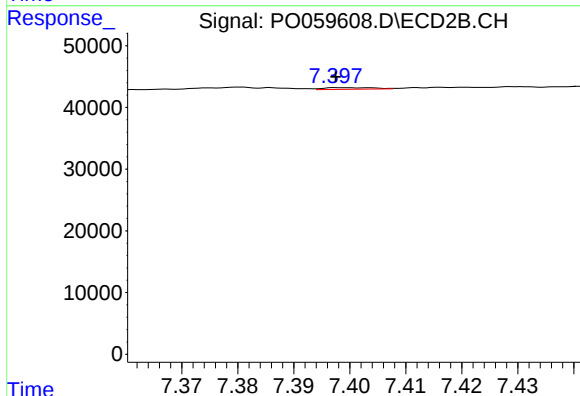
R.T.: 7.319 min
Delta R.T.: -0.011 min
Response: 6787
Conc: 0.95 ng/ml



#42 AR-1268-2

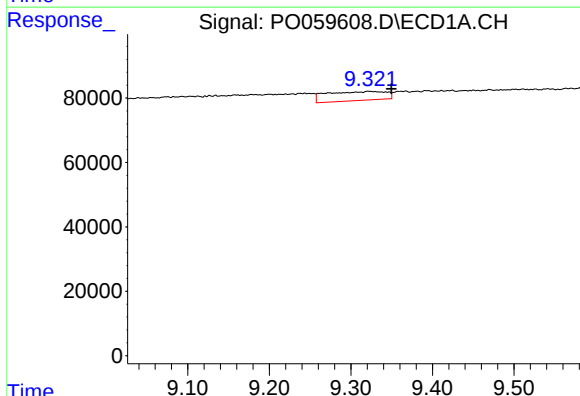
R.T.: 0.000 min
Exp R.T.: 8.390 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
HOPPER-2-082019-31



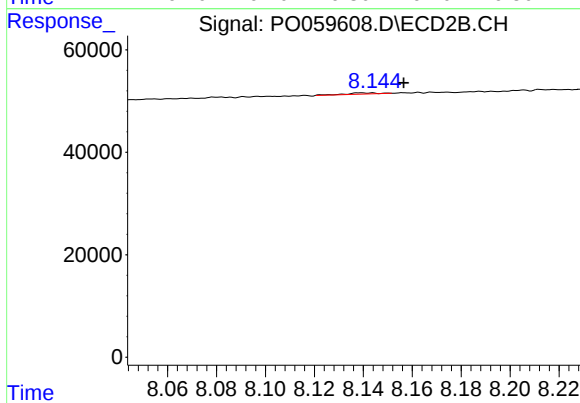
#42 AR-1268-2

R.T.: 7.399 min
Delta R.T.: 0.002 min
Response: 1693
Conc: 0.26 ng/ml



#45 AR-1268-5

R.T.: 9.323 min
Delta R.T.: -0.027 min
Response: 141694
Conc: 7.68 ng/ml



#45 AR-1268-5

R.T.: 8.139 min
Delta R.T.: -0.017 min
Response: 2142
Conc: 0.15 ng/ml