

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\P0082119\
 Data File : P0059611.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 21 Aug 2019 21:49
 Operator : SM/AJ
 Sample : K4448-08 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_0
 ClientSampleId :
 HOPPER-2-082019-57

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 22 04:00:48 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\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...	4.130	3.500	170826	159810	4.879	4.440
2)	SA Decachlor...	9.612	8.367	185434	121755	3.486	3.020
Target Compounds							
3)	L1 AR-1016-1	5.298	0.000	1118	0	0.697	N.D. #
4)	L1 AR-1016-2	5.298	0.000	1118	0	0.467	N.D. #
5)	L1 AR-1016-3	5.395	0.000	4302	0	2.888	N.D. #
6)	L1 AR-1016-4	5.506	0.000	1174	0	0.971	N.D. #
7)	L1 AR-1016-5	5.767	0.000	1225	0	0.954	N.D. #
8)	L2 AR-1221-1	4.367	0.000	953	0	2.250	N.D. #
9)	L2 AR-1221-2	4.413	3.832	19960	9847	61.454	32.324 #
10)	L2 AR-1221-3	4.510	3.832	3327	9847	3.163	10.064 #
11)	L3 AR-1232-1	4.510	3.832	3327	9847	2.669	8.637 #
12)	L3 AR-1232-2	5.014	0.000	1654	0	2.342	N.D. #
13)	L3 AR-1232-3	5.298	0.000	1118	0	0.730	N.D. #
14)	L3 AR-1232-4	5.506	0.000	1174	0	1.502	N.D. #
15)	L3 AR-1232-5	5.612	0.000	5977	0	9.942	N.D. #
16)	L4 AR-1242-1	5.298	0.000	1118	0	0.880	N.D. #
17)	L4 AR-1242-2	5.298	0.000	1118	0	0.602	N.D. #
18)	L4 AR-1242-3	5.395	0.000	4302	0	3.681	N.D. #
19)	L4 AR-1242-4	5.506	0.000	1174	0	1.213	N.D. #
20)	L4 AR-1242-5	6.266	0.000	2529	0	2.013	N.D. #
21)	L5 AR-1248-1	5.298	0.000	1118	0	1.115	N.D. #
22)	L5 AR-1248-2	5.612	0.000	5977	0	4.119	N.D. #
23)	L5 AR-1248-3	5.767	0.000	1225	0	0.737	N.D. #
24)	L5 AR-1248-4	6.129	0.000	5065	0	2.478	N.D. #
25)	L5 AR-1248-5	6.266	0.000	2529	0	1.275	N.D. #
26)	L6 AR-1254-1	6.129	0.000	5065	0	2.427	N.D. #
27)	L6 AR-1254-2	6.343	0.000	1299	0	0.389	N.D. #
28)	L6 AR-1254-3	6.736	5.913	7252	9641	2.044	2.867 #
29)	L6 AR-1254-4	7.059	0.000	8707	0	2.956	N.D. #
30)	L6 AR-1254-5	7.414	6.510	3311	3617	1.071	1.165
31)	L7 AR-1260-1	6.906	6.000	8063	7551	2.991	3.314
32)	L7 AR-1260-2	7.131	6.188	789	13833	0.213	4.721 #
33)	L7 AR-1260-3	7.475	6.337	24993	5028	7.628	1.898 #
34)	L7 AR-1260-4	0.000	6.798	0	3227	N.D.	1.426 #
36)	L8 AR-1262-1	7.475	6.510	24993	3617	5.150	0.970 #
38)	L8 AR-1262-3	8.244	0.000	986919	0	193.426	N.D. #
39)	L8 AR-1262-4	8.370	0.000	412617	0	107.042	N.D. #
40)	L8 AR-1262-5	8.989	0.000	74046	0	28.850	N.D. #
41)	L9 AR-1268-1	8.244	0.000	986919	0	104.872	N.D. #
42)	L9 AR-1268-2	8.370	0.000	412617	0	52.345	N.D. #
43)	L9 AR-1268-3	8.636	0.000	392935	0	55.745	N.D. #

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Instrument :
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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
44) L9	AR-1268-4	8.989	0.000	74046	0	26.635	N.D. #
45) L9	AR-1268-5	9.332	0.000	212950	0	11.547	N.D. #

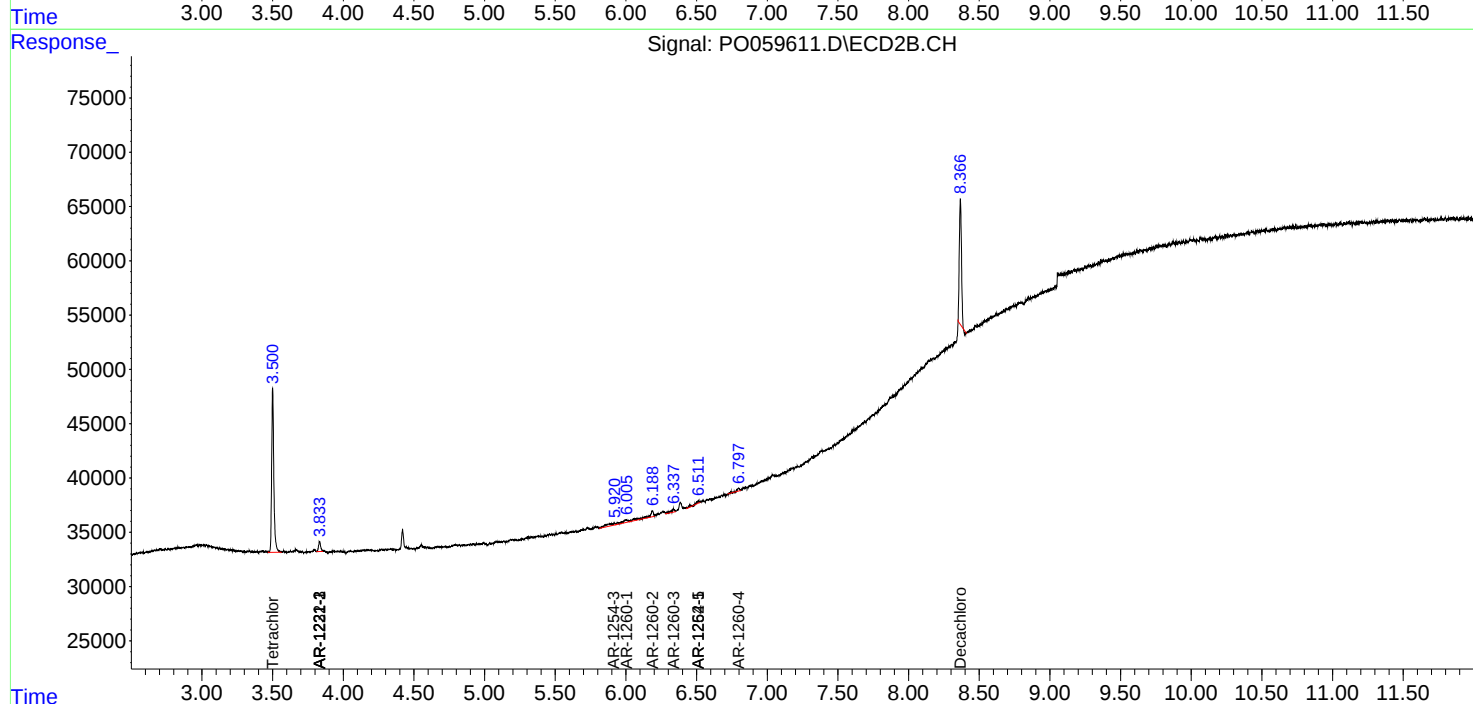
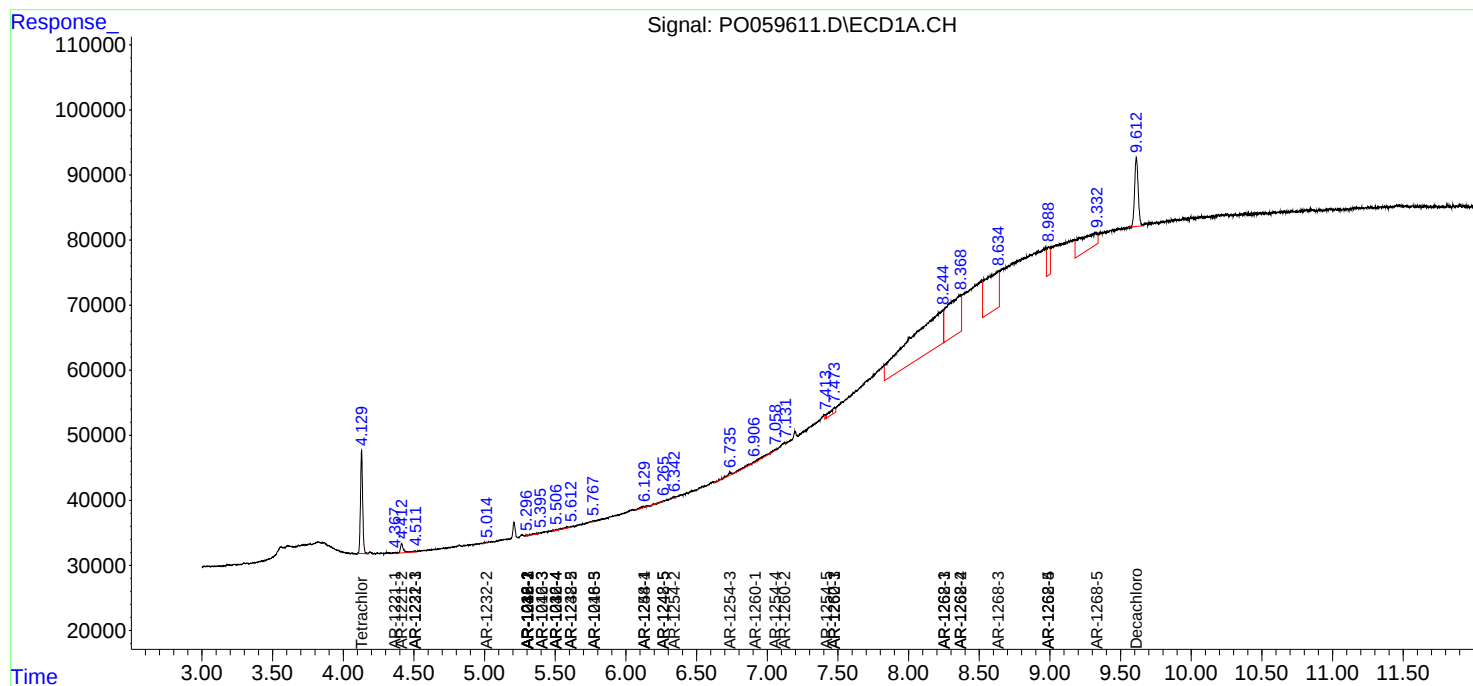
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

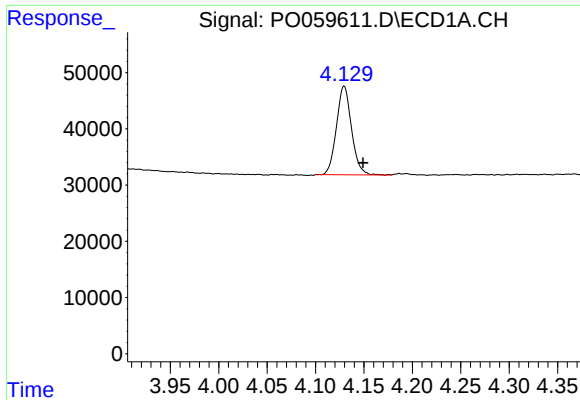
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO082119\
Data File : PO059611.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 21 Aug 2019 21:49
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Sample : K4448-08 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

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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

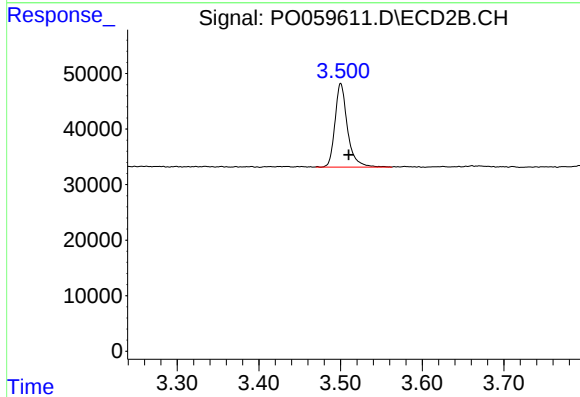




#1 Tetrachloro-m-xylene

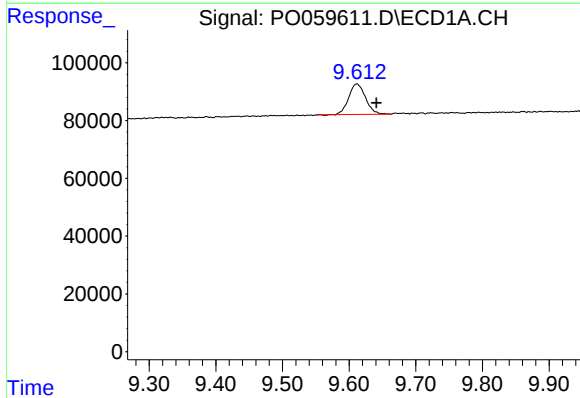
R.T.: 4.130 min
Delta R.T.: -0.019 min
Response: 170826
Conc: 4.88 ng/ml

Instrument :
ECD_O
ClientSampleId :
HOPPER-2-082019-57



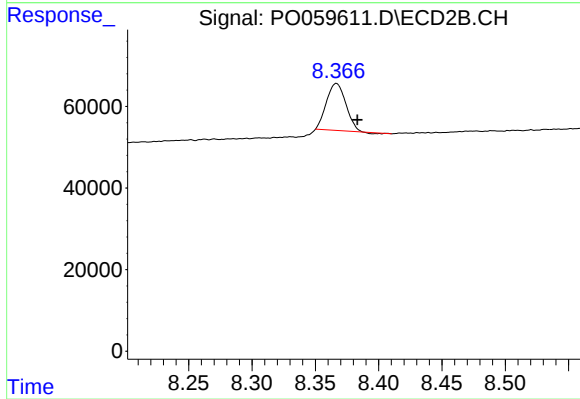
#1 Tetrachloro-m-xylene

R.T.: 3.500 min
Delta R.T.: -0.010 min
Response: 159810
Conc: 4.44 ng/ml



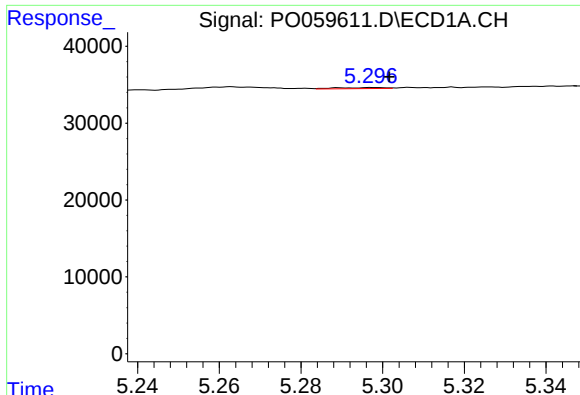
#2 Decachlorobiphenyl

R.T.: 9.612 min
Delta R.T.: -0.029 min
Response: 185434
Conc: 3.49 ng/ml



#2 Decachlorobiphenyl

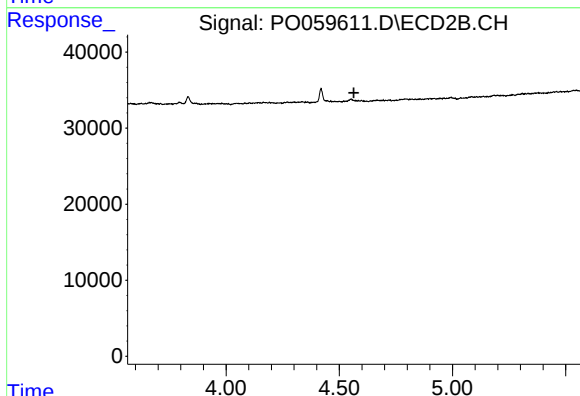
R.T.: 8.367 min
Delta R.T.: -0.017 min
Response: 121755
Conc: 3.02 ng/ml



#3 AR-1016-1

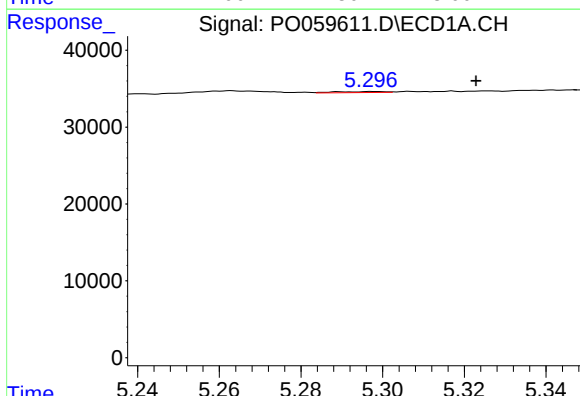
R.T.: 5.298 min
Delta R.T.: -0.004 min
Response: 1118
Conc: 0.70 ng/ml

Instrument :
ECD_O
ClientSampleId :
HOPPER-2-082019-57



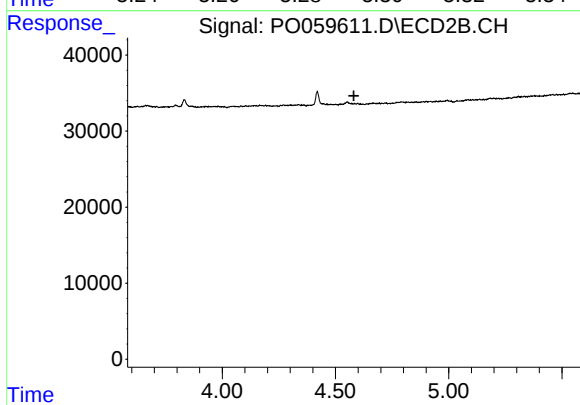
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 4.565 min
Response: 0
Conc: N.D.



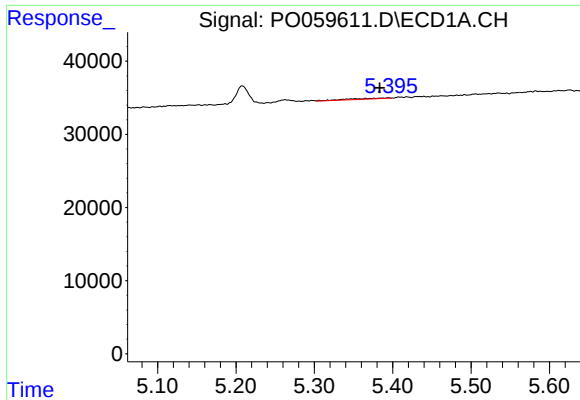
#4 AR-1016-2

R.T.: 5.298 min
Delta R.T.: -0.025 min
Response: 1118
Conc: 0.47 ng/ml



#4 AR-1016-2

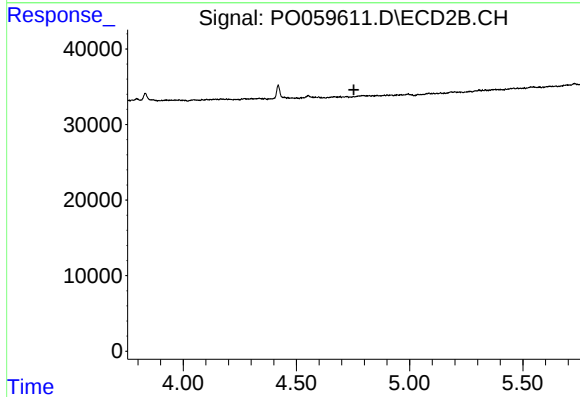
R.T.: 0.000 min
Exp R.T. : 4.581 min
Response: 0
Conc: N.D.



#5 AR-1016-3

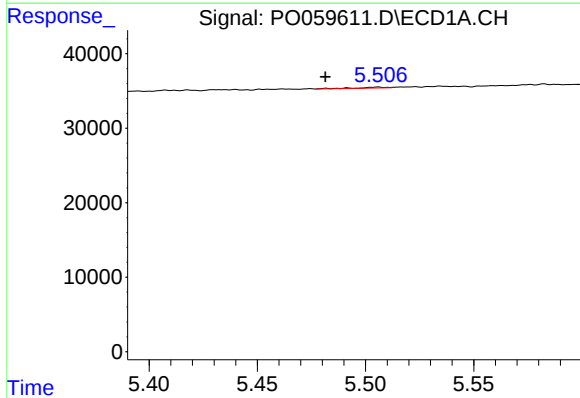
R.T.: 5.395 min
Delta R.T.: 0.011 min
Response: 4302
Conc: 2.89 ng/ml

Instrument :
ECD_O
ClientSampleId :
HOPPER-2-082019-57



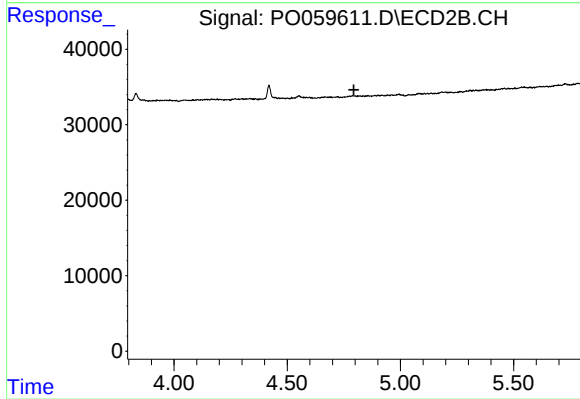
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 4.754 min
Response: 0
Conc: N.D.



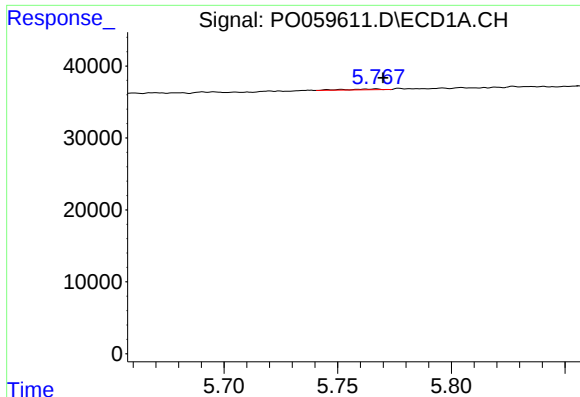
#6 AR-1016-4

R.T.: 5.506 min
Delta R.T.: 0.024 min
Response: 1174
Conc: 0.97 ng/ml



#6 AR-1016-4

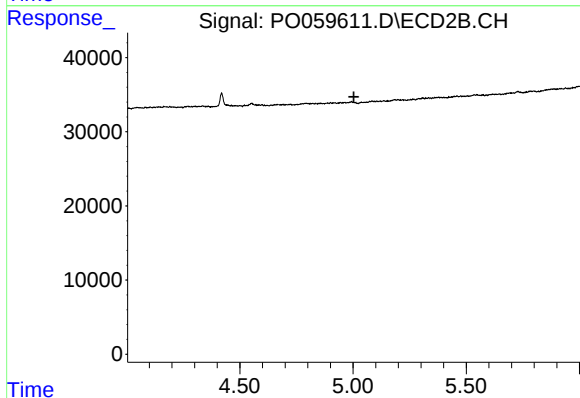
R.T.: 0.000 min
Exp R.T. : 4.795 min
Response: 0
Conc: N.D.



#7 AR-1016-5

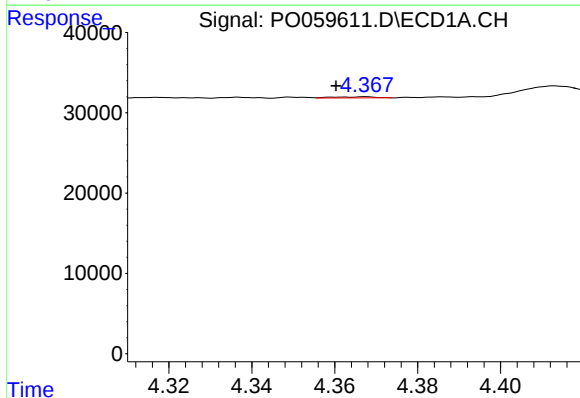
R.T.: 5.767 min
Delta R.T.: -0.003 min
Response: 1225
Conc: 0.95 ng/ml

Instrument :
ECD_O
ClientSampleId :
HOPPER-2-082019-57



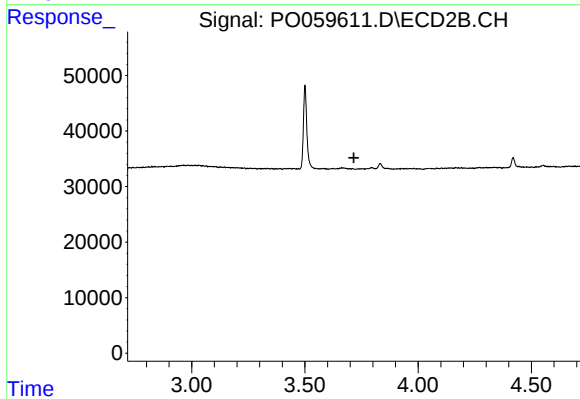
#7 AR-1016-5

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



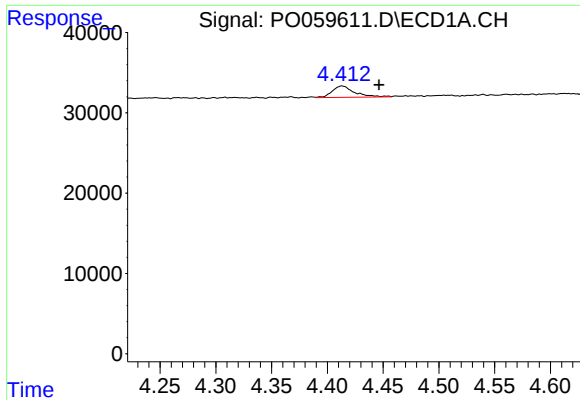
#8 AR-1221-1

R.T.: 4.367 min
Delta R.T.: 0.007 min
Response: 953
Conc: 2.25 ng/ml



#8 AR-1221-1

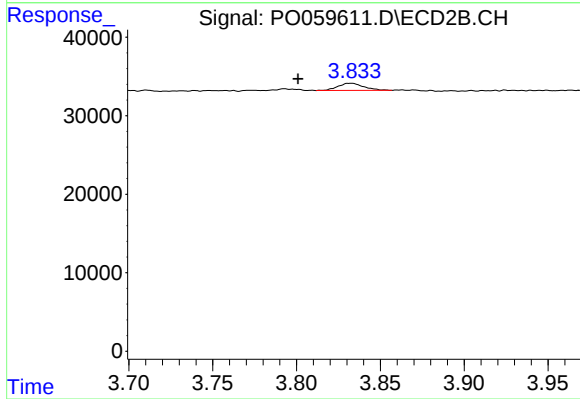
R.T.: 0.000 min
Exp R.T. : 3.717 min
Response: 0
Conc: N.D.



#9 AR-1221-2

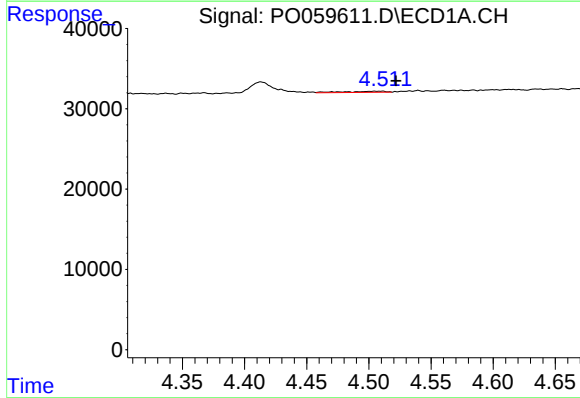
R.T.: 4.413 min
Delta R.T.: -0.033 min
Response: 19960
Conc: 61.45 ng/ml

Instrument :
ECD_O
ClientSampleId :
HOPPER-2-082019-57



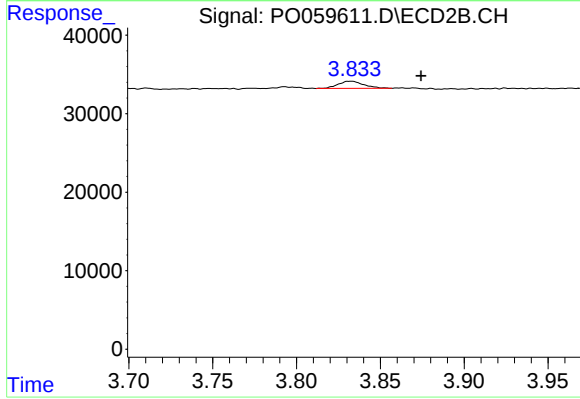
#9 AR-1221-2

R.T.: 3.832 min
Delta R.T.: 0.031 min
Response: 9847
Conc: 32.32 ng/ml



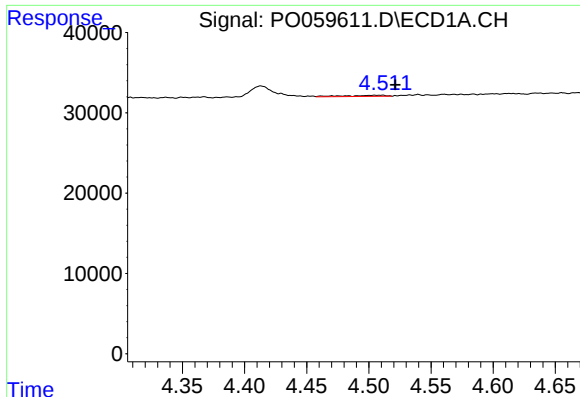
#10 AR-1221-3

R.T.: 4.510 min
Delta R.T.: -0.011 min
Response: 3327
Conc: 3.16 ng/ml



#10 AR-1221-3

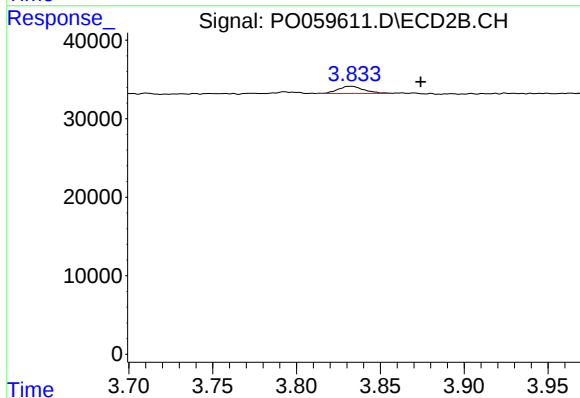
R.T.: 3.832 min
Delta R.T.: -0.042 min
Response: 9847
Conc: 10.06 ng/ml



#11 AR-1232-1

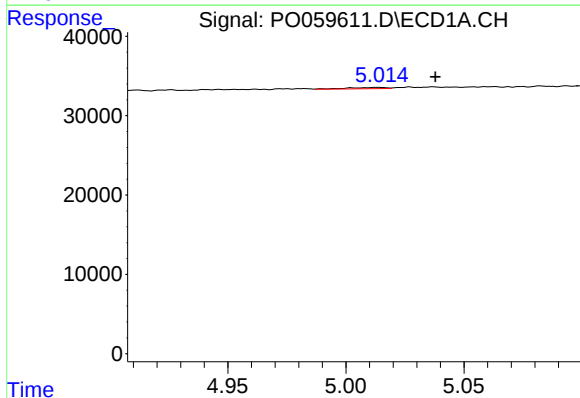
R.T.: 4.510 min
Delta R.T.: -0.011 min
Response: 3327
Conc: 2.67 ng/ml

Instrument :
ECD_O
ClientSampleId :
HOPPER-2-082019-57



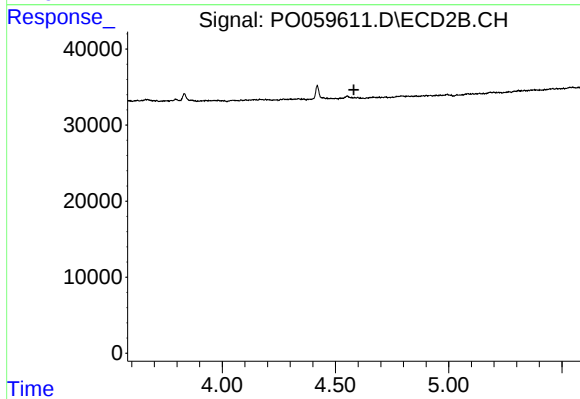
#11 AR-1232-1

R.T.: 3.832 min
Delta R.T.: -0.042 min
Response: 9847
Conc: 8.64 ng/ml



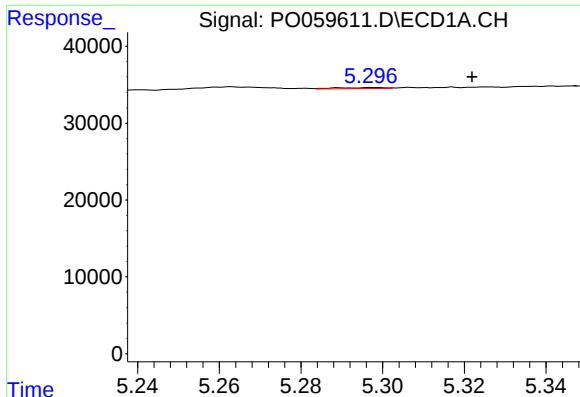
#12 AR-1232-2

R.T.: 5.014 min
Delta R.T.: -0.024 min
Response: 1654
Conc: 2.34 ng/ml



#12 AR-1232-2

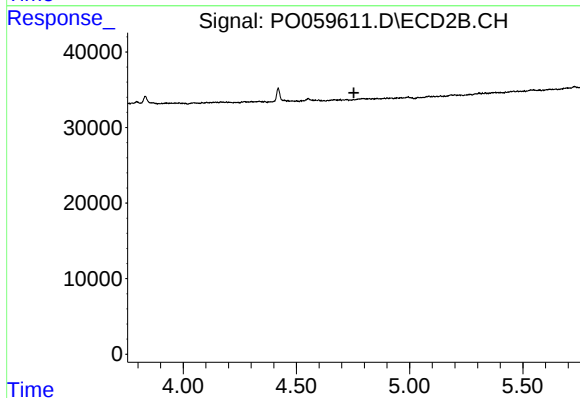
R.T.: 0.000 min
Exp R.T.: 4.581 min
Response: 0
Conc: N.D.



#13 AR-1232-3

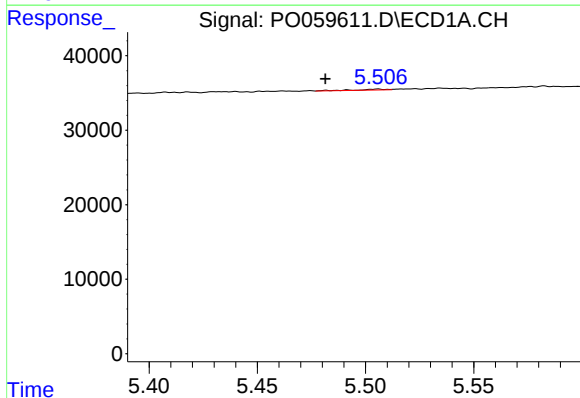
R.T.: 5.298 min
Delta R.T.: -0.024 min
Response: 1118
Conc: 0.73 ng/ml

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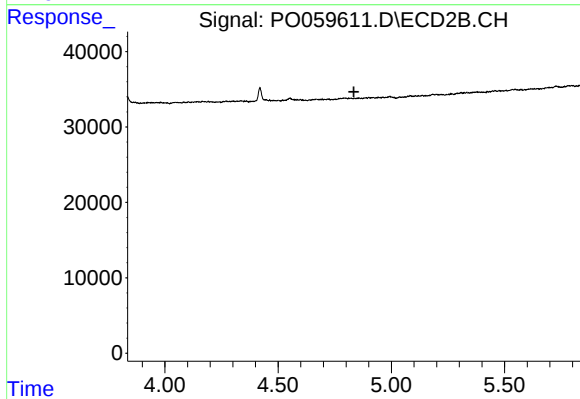
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 4.753 min
Response: 0
Conc: N.D.



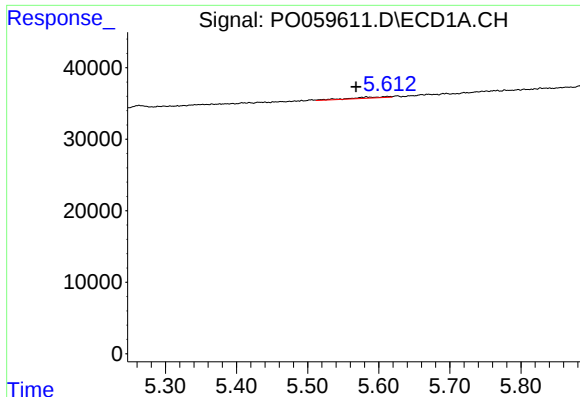
#14 AR-1232-4

R.T.: 5.506 min
Delta R.T.: 0.024 min
Response: 1174
Conc: 1.50 ng/ml



#14 AR-1232-4

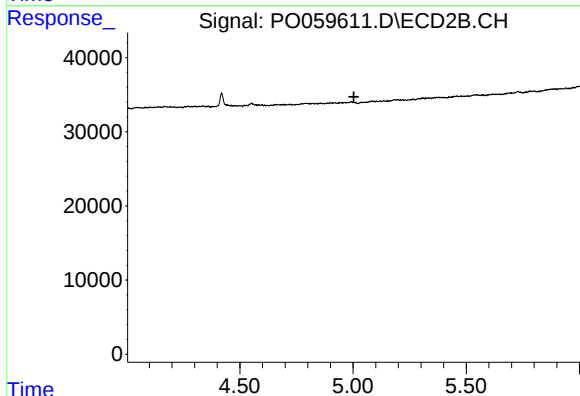
R.T.: 0.000 min
Exp R.T. : 4.834 min
Response: 0
Conc: N.D.



#15 AR-1232-5

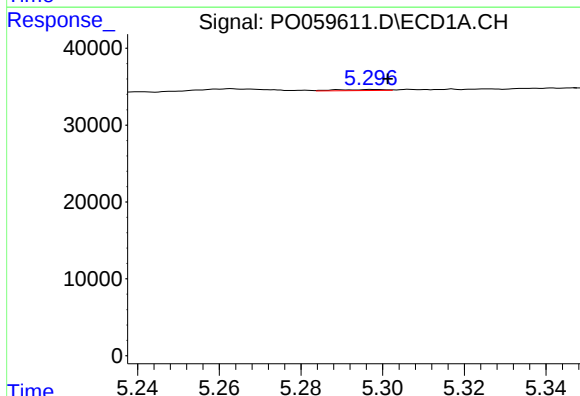
R.T.: 5.612 min
Delta R.T.: 0.044 min
Response: 5977
Conc: 9.94 ng/ml

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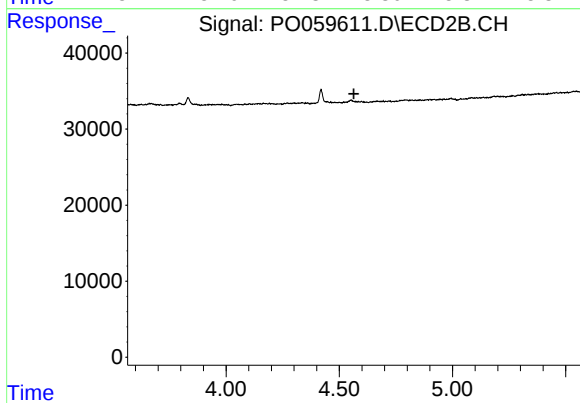
#15 AR-1232-5

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



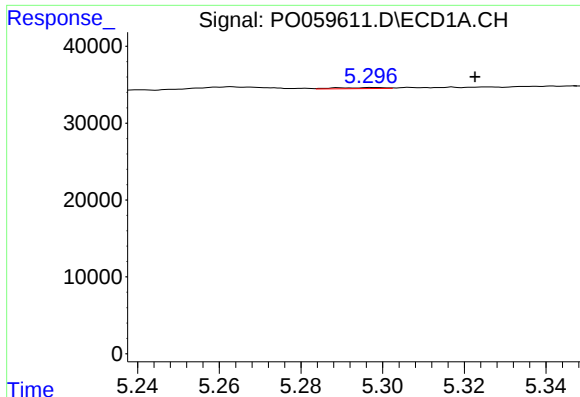
#16 AR-1242-1

R.T.: 5.298 min
Delta R.T.: -0.003 min
Response: 1118
Conc: 0.88 ng/ml



#16 AR-1242-1

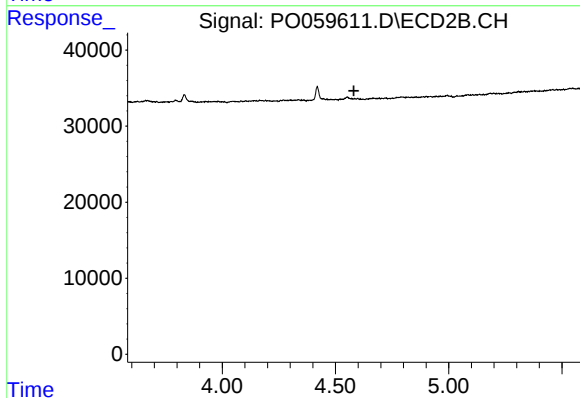
R.T.: 0.000 min
Exp R.T. : 4.564 min
Response: 0
Conc: N.D.



#17 AR-1242-2

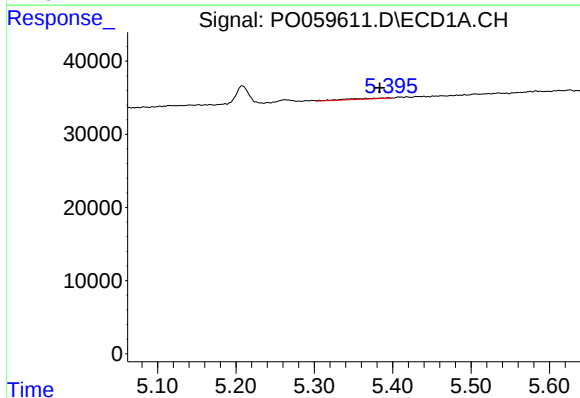
R.T.: 5.298 min
Delta R.T.: -0.025 min
Response: 1118
Conc: 0.60 ng/ml

Instrument :
ECD_O
ClientSampleId :
HOPPER-2-082019-57



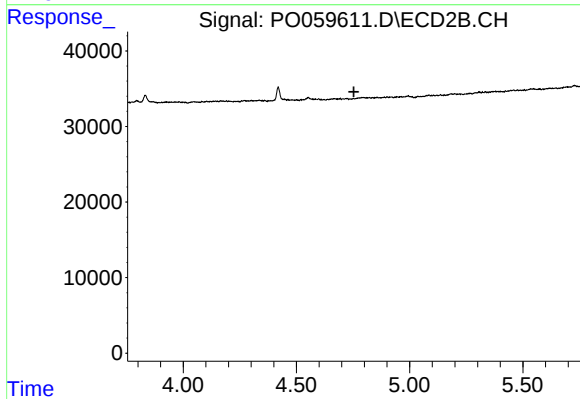
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 4.581 min
Response: 0
Conc: N.D.



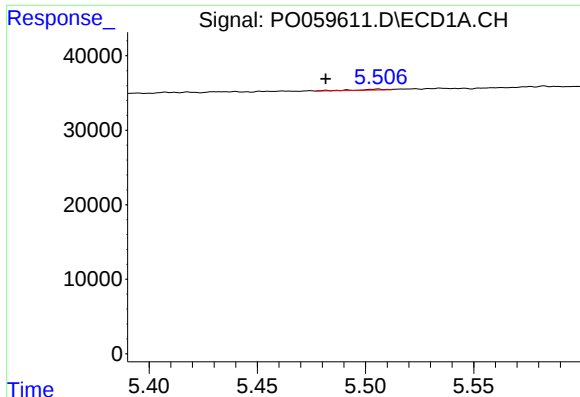
#18 AR-1242-3

R.T.: 5.395 min
Delta R.T.: 0.011 min
Response: 4302
Conc: 3.68 ng/ml



#18 AR-1242-3

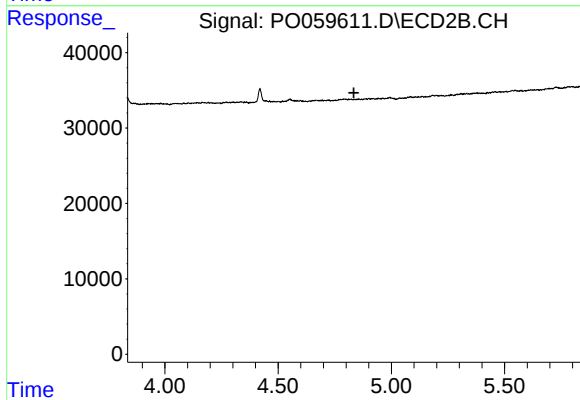
R.T.: 0.000 min
Exp R.T. : 4.754 min
Response: 0
Conc: N.D.



#19 AR-1242-4

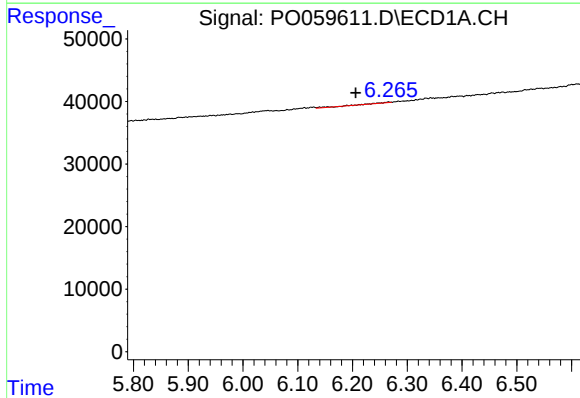
R.T.: 5.506 min
Delta R.T.: 0.024 min
Response: 1174
Conc: 1.21 ng/ml

Instrument :
ECD_O
ClientSampleId :
HOPPER-2-082019-57



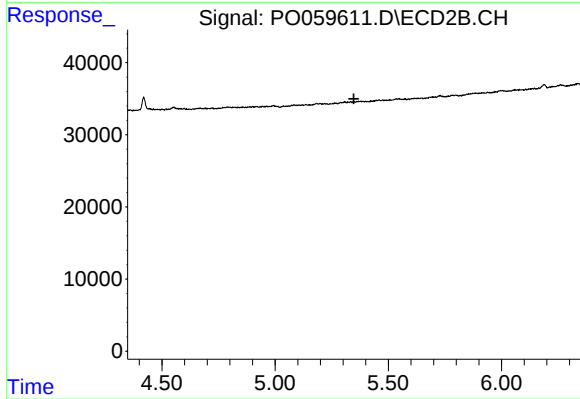
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 4.834 min
Response: 0
Conc: N.D.



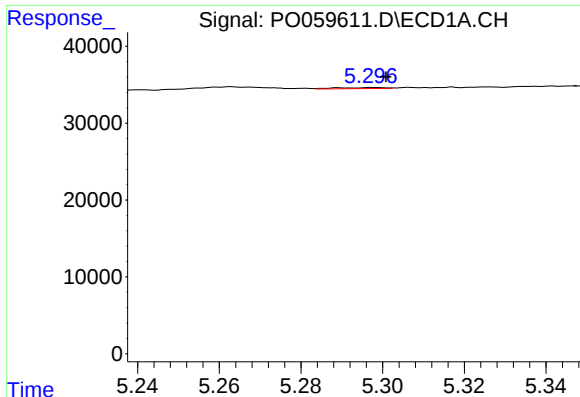
#20 AR-1242-5

R.T.: 6.266 min
Delta R.T.: 0.060 min
Response: 2529
Conc: 2.01 ng/ml



#20 AR-1242-5

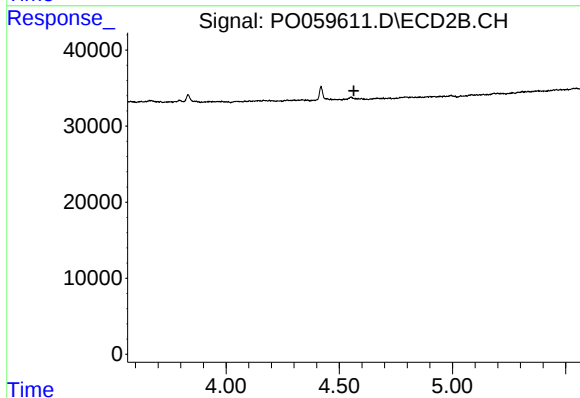
R.T.: 0.000 min
Exp R.T. : 5.348 min
Response: 0
Conc: N.D.



#21 AR-1248-1

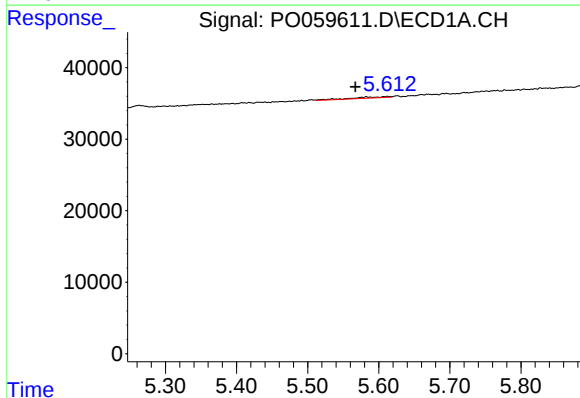
R.T.: 5.298 min
Delta R.T.: -0.003 min
Response: 1118
Conc: 1.11 ng/ml

Instrument :
ECD_O
ClientSampleId :
HOPPER-2-082019-57



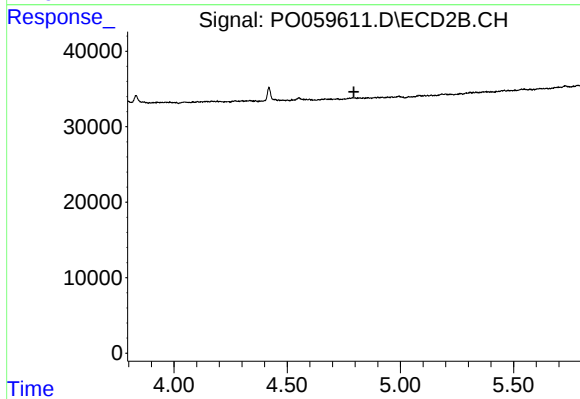
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 4.564 min
Response: 0
Conc: N.D.



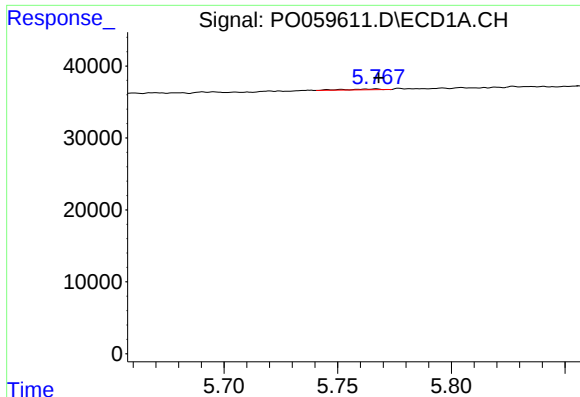
#22 AR-1248-2

R.T.: 5.612 min
Delta R.T.: 0.045 min
Response: 5977
Conc: 4.12 ng/ml



#22 AR-1248-2

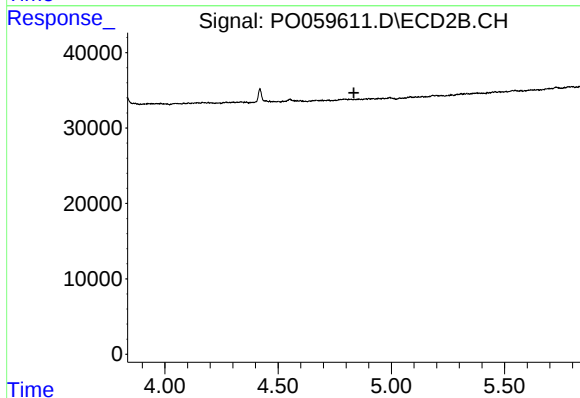
R.T.: 0.000 min
Exp R.T. : 4.794 min
Response: 0
Conc: N.D.



#23 AR-1248-3

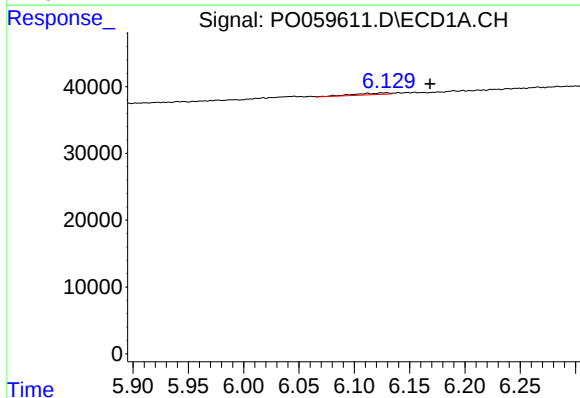
R.T.: 5.767 min
Delta R.T.: -0.001 min
Response: 1225
Conc: 0.74 ng/ml

Instrument :
ECD_O
ClientSampleId :
HOPPER-2-082019-57



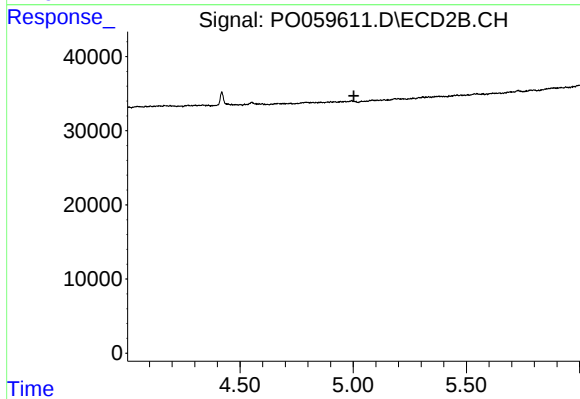
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 4.835 min
Response: 0
Conc: N.D.



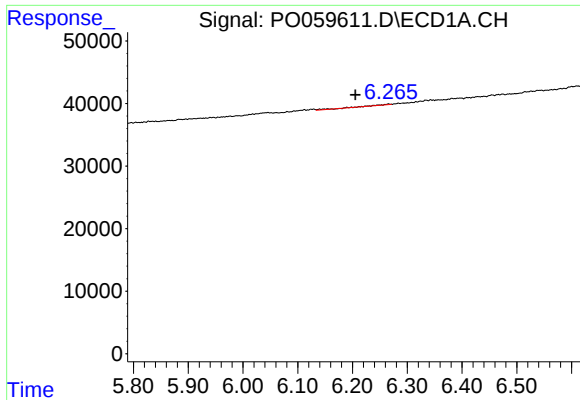
#24 AR-1248-4

R.T.: 6.129 min
Delta R.T.: -0.040 min
Response: 5065
Conc: 2.48 ng/ml



#24 AR-1248-4

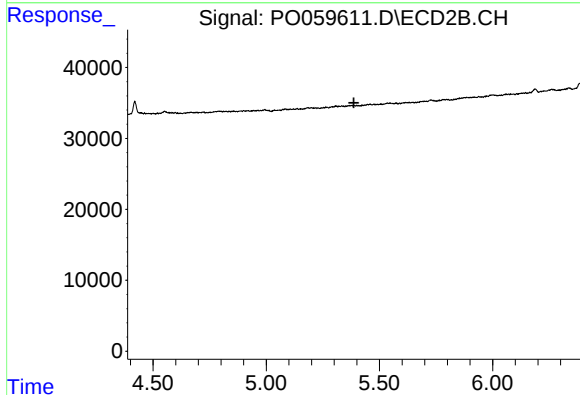
R.T.: 0.000 min
Exp R.T. : 5.003 min
Response: 0
Conc: N.D.



#25 AR-1248-5

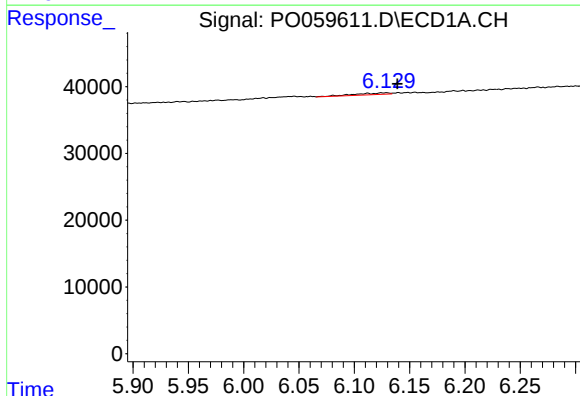
R.T.: 6.266 min
Delta R.T.: 0.061 min
Response: 2529
Conc: 1.28 ng/ml

Instrument :
ECD_O
ClientSampleId :
HOPPER-2-082019-57



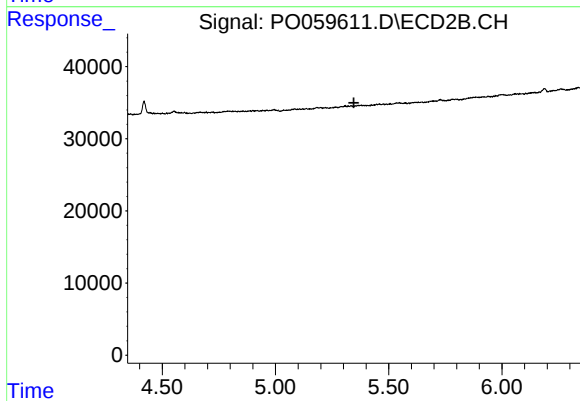
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T. : 5.387 min
Response: 0
Conc: N.D.



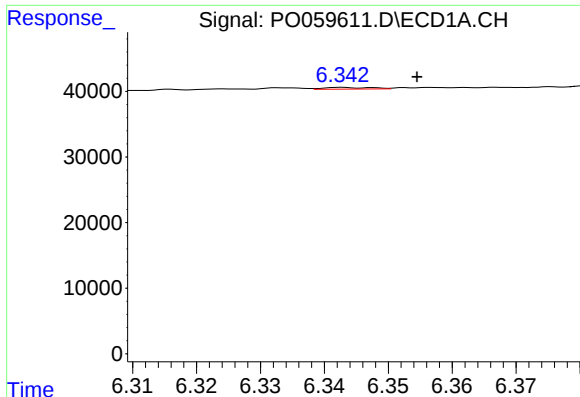
#26 AR-1254-1

R.T.: 6.129 min
Delta R.T.: -0.010 min
Response: 5065
Conc: 2.43 ng/ml



#26 AR-1254-1

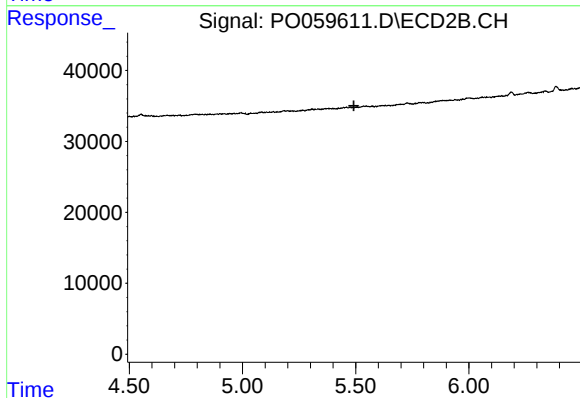
R.T.: 0.000 min
Exp R.T. : 5.346 min
Response: 0
Conc: N.D.



#27 AR-1254-2

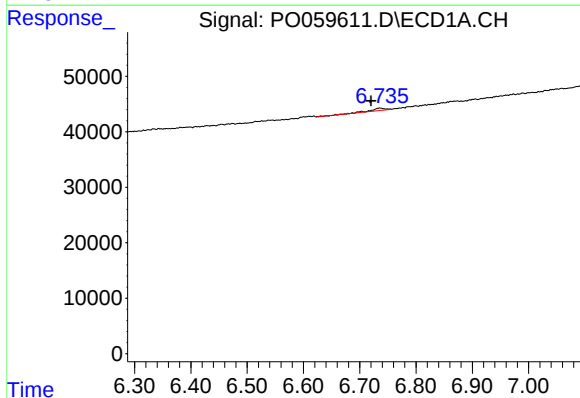
R.T.: 6.343 min
Delta R.T.: -0.012 min
Response: 1299
Conc: 0.39 ng/ml

Instrument :
ECD_O
ClientSampleId :
HOPPER-2-082019-57



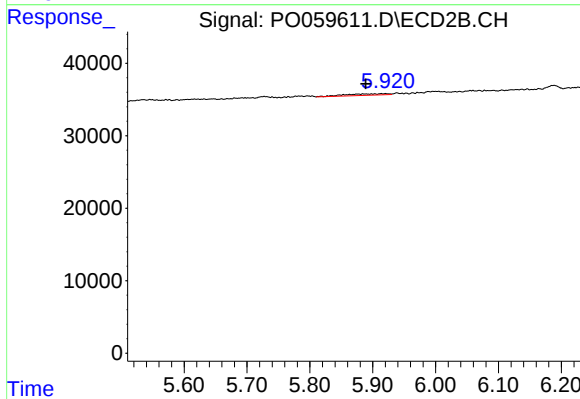
#27 AR-1254-2

R.T.: 0.000 min
Exp R.T. : 5.492 min
Response: 0
Conc: N.D.



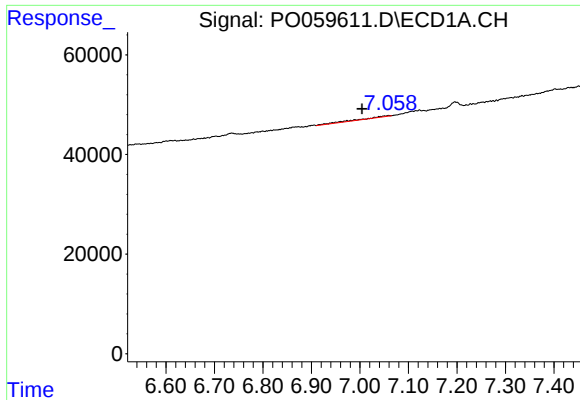
#28 AR-1254-3

R.T.: 6.736 min
Delta R.T.: 0.016 min
Response: 7252
Conc: 2.04 ng/ml



#28 AR-1254-3

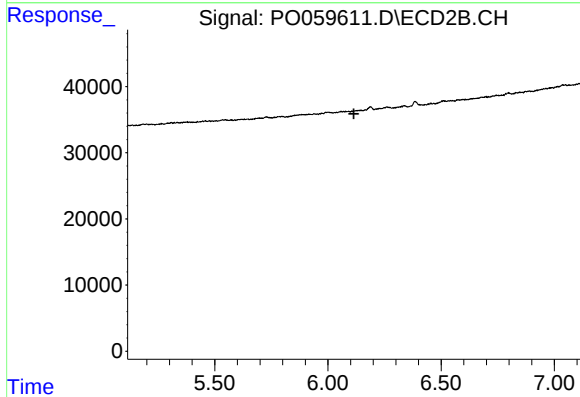
R.T.: 5.913 min
Delta R.T.: 0.025 min
Response: 9641
Conc: 2.87 ng/ml



#29 AR-1254-4

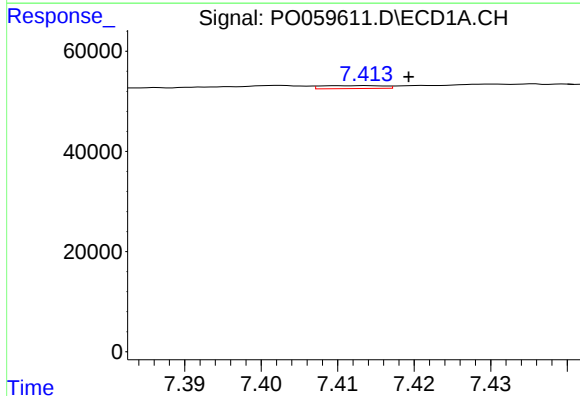
R.T.: 7.059 min
Delta R.T.: 0.054 min
Response: 8707
Conc: 2.96 ng/ml

Instrument :
ECD_O
ClientSampleId :
HOPPER-2-082019-57



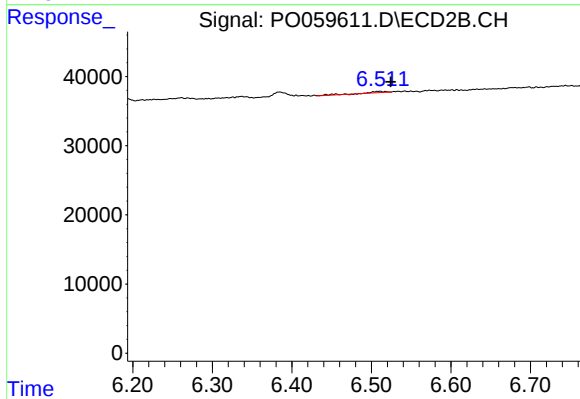
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T. : 6.115 min
Response: 0
Conc: N.D.



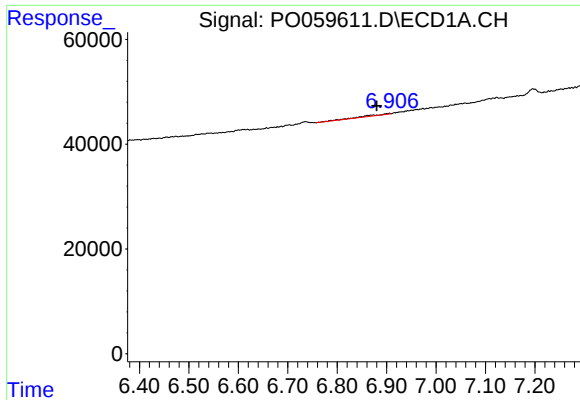
#30 AR-1254-5

R.T.: 7.414 min
Delta R.T.: -0.006 min
Response: 3311
Conc: 1.07 ng/ml



#30 AR-1254-5

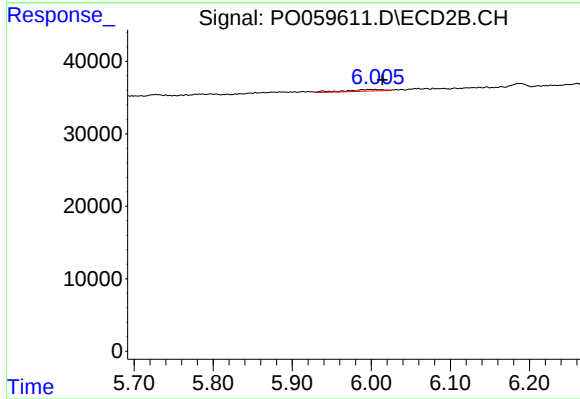
R.T.: 6.510 min
Delta R.T.: -0.014 min
Response: 3617
Conc: 1.16 ng/ml



#31 AR-1260-1

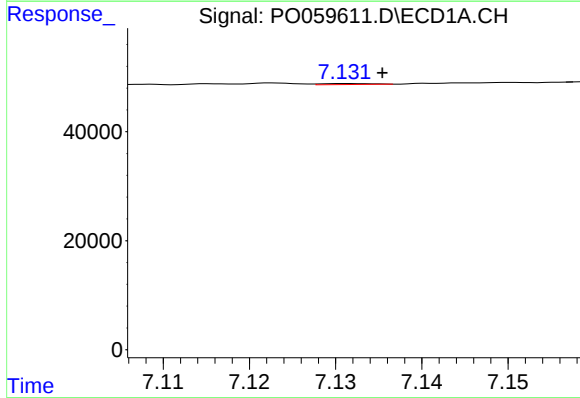
R.T.: 6.906 min
Delta R.T.: 0.026 min
Response: 8063
Conc: 2.99 ng/ml

Instrument :
ECD_O
ClientSampleId :
HOPPER-2-082019-57



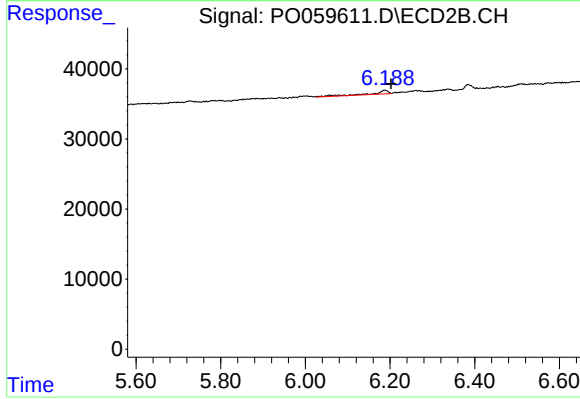
#31 AR-1260-1

R.T.: 6.000 min
Delta R.T.: -0.014 min
Response: 7551
Conc: 3.31 ng/ml



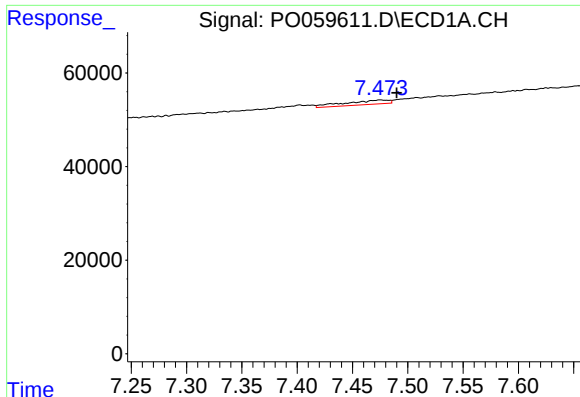
#32 AR-1260-2

R.T.: 7.131 min
Delta R.T.: -0.004 min
Response: 789
Conc: 0.21 ng/ml



#32 AR-1260-2

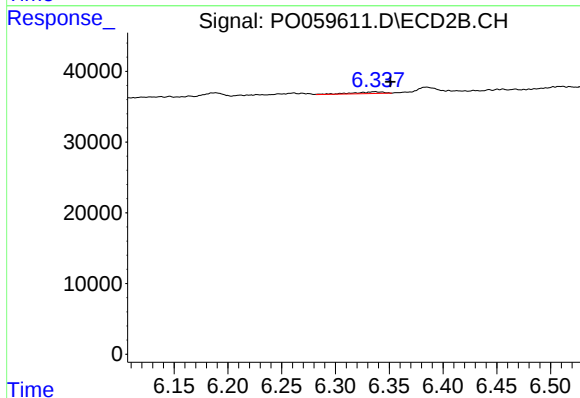
R.T.: 6.188 min
Delta R.T.: -0.014 min
Response: 13833
Conc: 4.72 ng/ml



#33 AR-1260-3

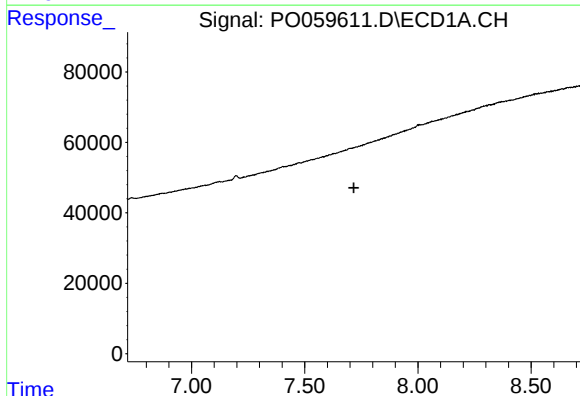
R.T.: 7.475 min
Delta R.T.: -0.015 min
Response: 24993
Conc: 7.63 ng/ml

Instrument :
ECD_O
ClientSampleId :
HOPPER-2-082019-57



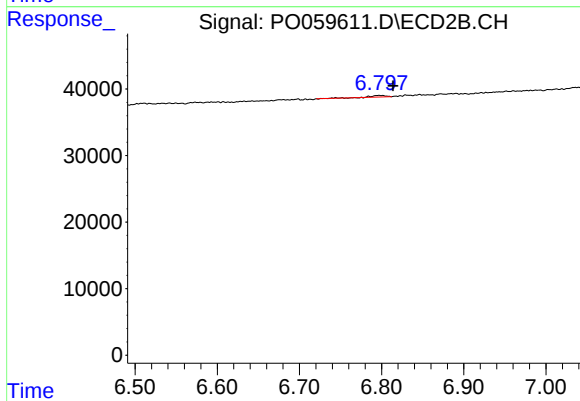
#33 AR-1260-3

R.T.: 6.337 min
Delta R.T.: -0.015 min
Response: 5028
Conc: 1.90 ng/ml



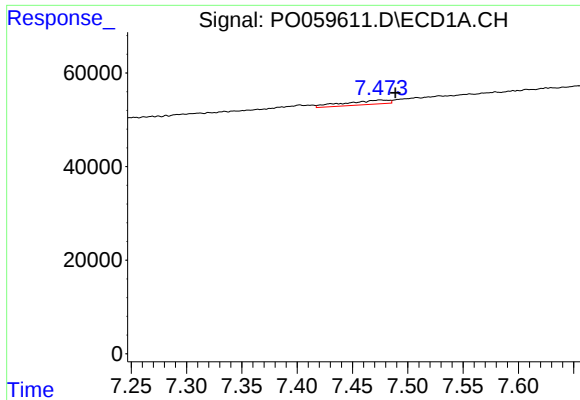
#34 AR-1260-4

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



#34 AR-1260-4

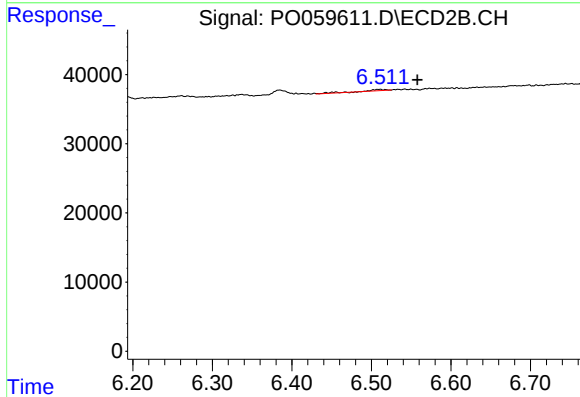
R.T.: 6.798 min
Delta R.T.: -0.016 min
Response: 3227
Conc: 1.43 ng/ml



#36 AR-1262-1

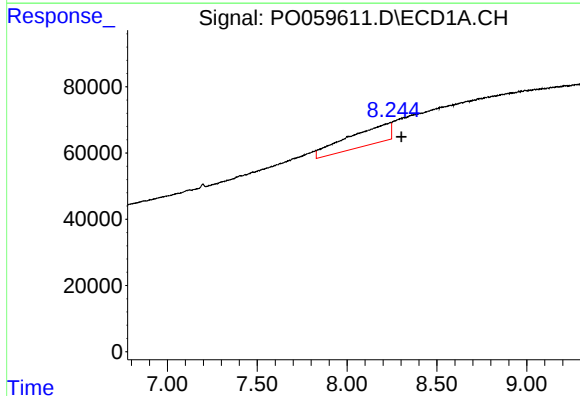
R.T.: 7.475 min
Delta R.T.: -0.014 min
Response: 24993
Conc: 5.15 ng/ml

Instrument :
ECD_O
ClientSampleId :
HOPPER-2-082019-57



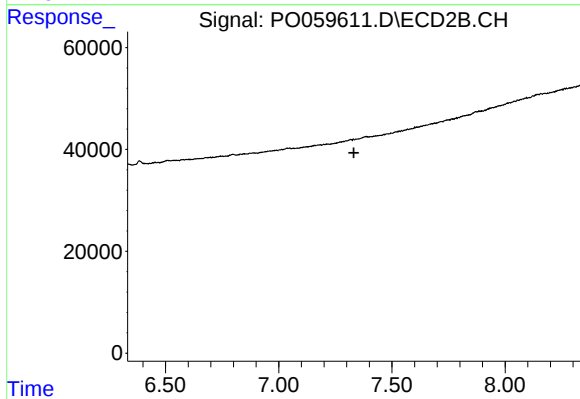
#36 AR-1262-1

R.T.: 6.510 min
Delta R.T.: -0.048 min
Response: 3617
Conc: 0.97 ng/ml



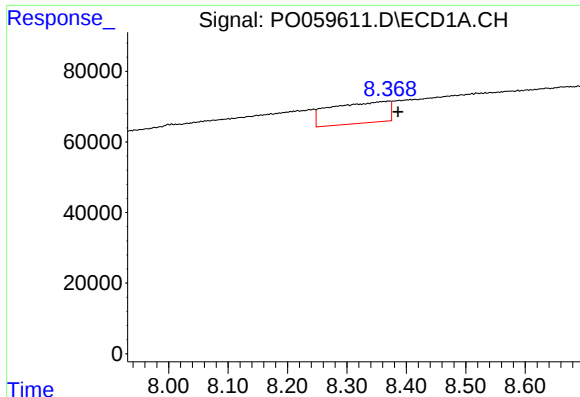
#38 AR-1262-3

R.T.: 8.244 min
Delta R.T.: -0.059 min
Response: 986919
Conc: 193.43 ng/ml



#38 AR-1262-3

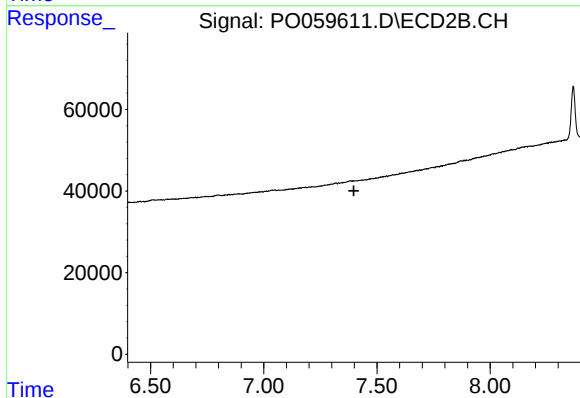
R.T.: 0.000 min
Exp R.T.: 7.332 min
Response: 0
Conc: N.D.



#39 AR-1262-4

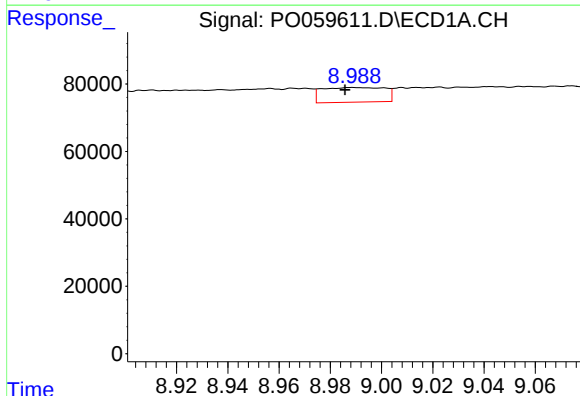
R.T.: 8.370 min
Delta R.T.: -0.016 min
Response: 412617
Conc: 107.04 ng/ml

Instrument :
ECD_O
ClientSampleId :
HOPPER-2-082019-57



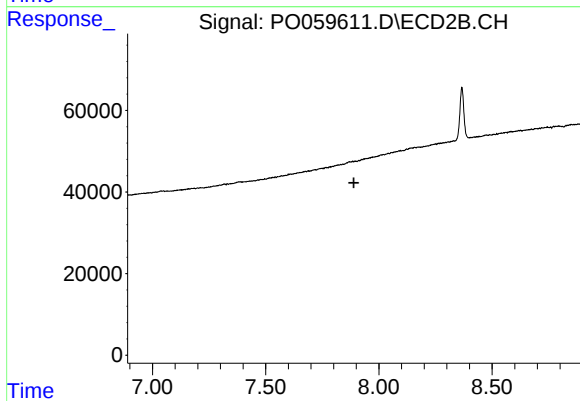
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 7.398 min
Response: 0
Conc: N.D.



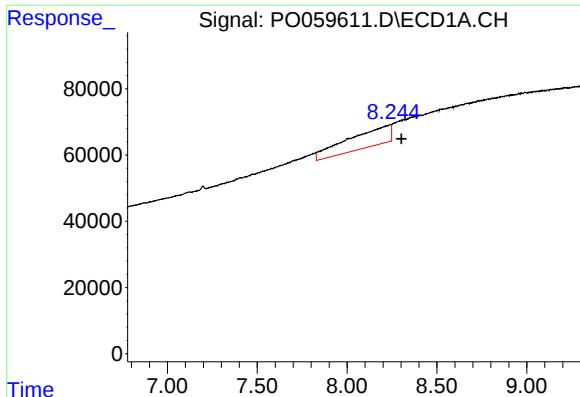
#40 AR-1262-5

R.T.: 8.989 min
Delta R.T.: 0.003 min
Response: 74046
Conc: 28.85 ng/ml



#40 AR-1262-5

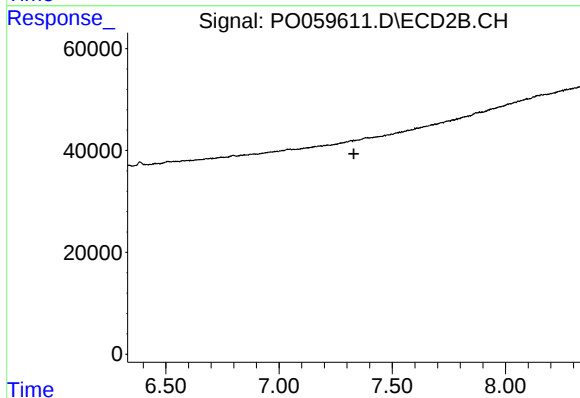
R.T.: 0.000 min
Exp R.T. : 7.889 min
Response: 0
Conc: N.D.



#41 AR-1268-1

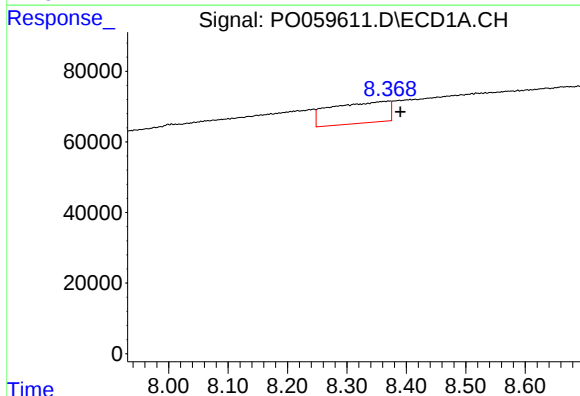
R.T.: 8.244 min
Delta R.T.: -0.058 min
Response: 986919
Conc: 104.87 ng/ml

Instrument :
ECD_O
ClientSampleId :
HOPPER-2-082019-57



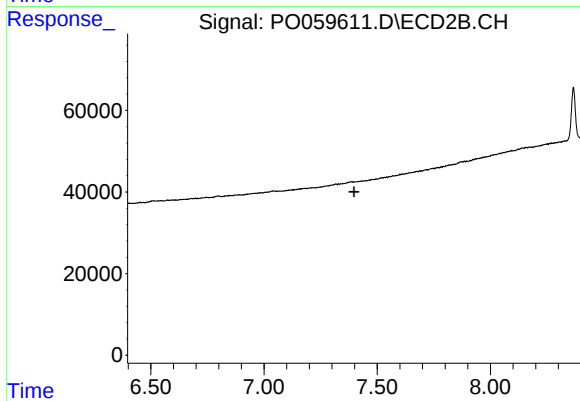
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 7.330 min
Response: 0
Conc: N.D.



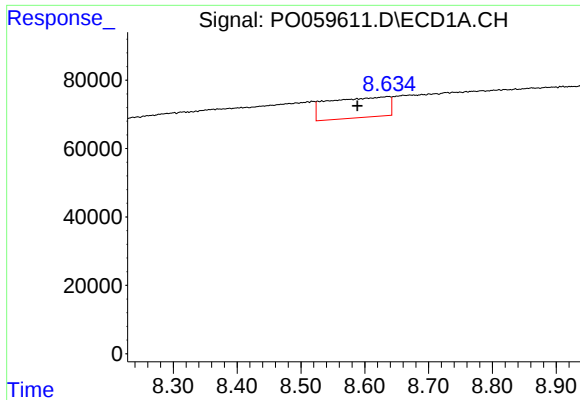
#42 AR-1268-2

R.T.: 8.370 min
Delta R.T.: -0.020 min
Response: 412617
Conc: 52.34 ng/ml



#42 AR-1268-2

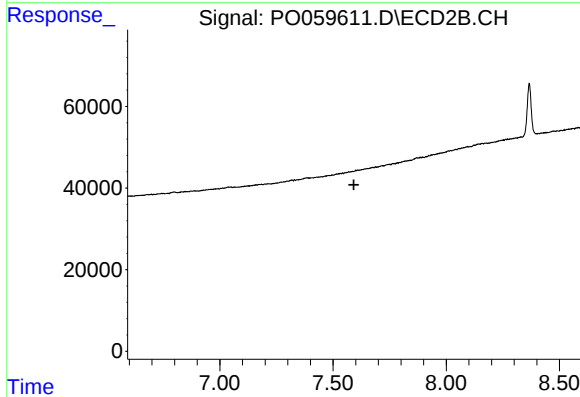
R.T.: 0.000 min
Exp R.T. : 7.397 min
Response: 0
Conc: N.D.



#43 AR-1268-3

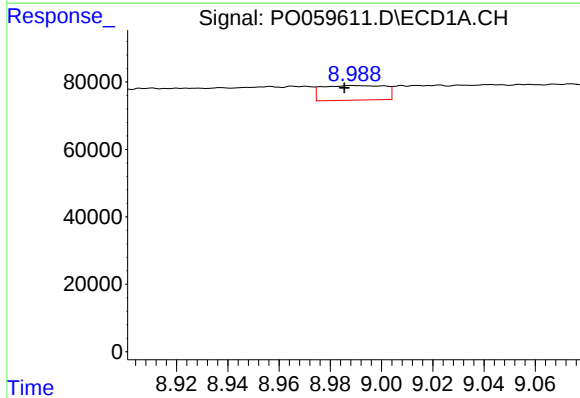
R.T.: 8.636 min
Delta R.T.: 0.047 min
Response: 392935
Conc: 55.74 ng/ml

Instrument :
ECD_O
ClientSampleId :
HOPPER-2-082019-57



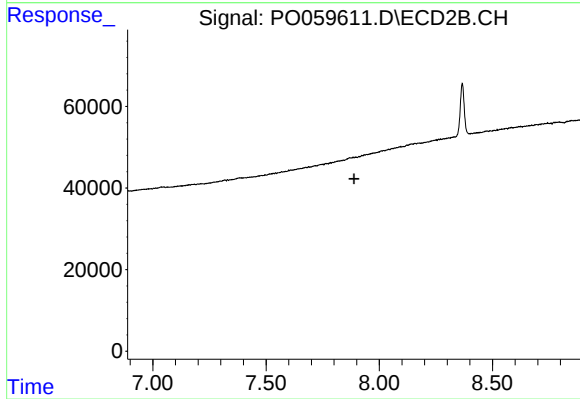
#43 AR-1268-3

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



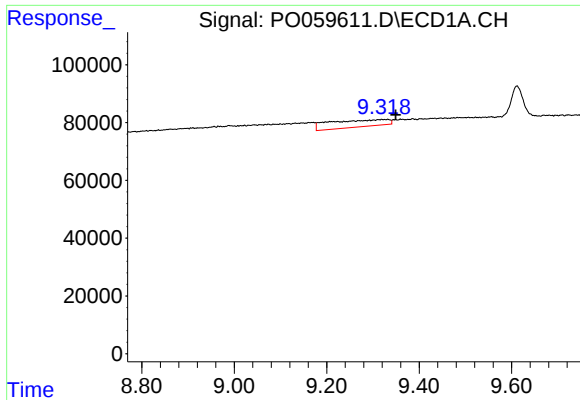
#44 AR-1268-4

R.T.: 8.989 min
Delta R.T.: 0.003 min
Response: 74046
Conc: 26.63 ng/ml



#44 AR-1268-4

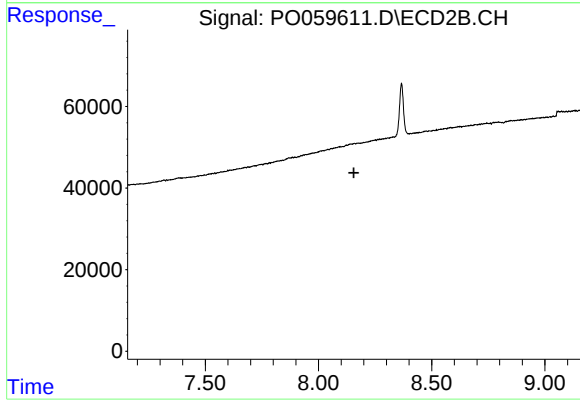
R.T.: 0.000 min
Exp R.T. : 7.888 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.332 min
Delta R.T.: -0.018 min
Response: 212950
Conc: 11.55 ng/ml

Instrument :
ECD_O
ClientSampleId :
HOPPER-2-082019-57



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 8.157 min
Response: 0
Conc: N.D.