

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0080919\
 Data File : P0059118.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 09 Aug 2019 23:00
 Operator : SM/SJ
 Sample : K4235-03
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 HPPER-4-080719-50

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 10 02:03:45 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...	4.150	3.514	1010573	914916	23.946	22.901
2)	SA Decachlor...	9.649	8.391	1272143	814431	23.491	20.633
Target Compounds							
4)	L1 AR-1016-2	5.408	0.000	12461	0	4.529	N.D. #
5)	L1 AR-1016-3	5.418	0.000	4429	0	2.608	N.D. #
6)	L1 AR-1016-4	5.523	0.000	8116	0	5.800	N.D. #
7)	L1 AR-1016-5	5.815	0.000	5898	0	4.117	N.D. #
8)	L2 AR-1221-1	4.361	0.000	22475	0	49.476	N.D. #
9)	L2 AR-1221-2	4.493	3.861	19018	73483	55.160	246.203 #
10)	L2 AR-1221-3	4.575	3.861	59977	73483	54.694	76.816 #
11)	L3 AR-1232-1	4.575	3.861	59977	73483	66.434	93.542 #
12)	L3 AR-1232-2	5.081	0.000	7727	0	15.708	N.D. #
13)	L3 AR-1232-3	5.408	0.000	12461	0	11.638	N.D. #
14)	L3 AR-1232-4	5.523	0.000	8116	0	15.224	N.D. #
15)	L3 AR-1232-5	5.600	0.000	15004	0	36.769	N.D. #
17)	L4 AR-1242-2	5.408	0.000	12461	0	6.587	N.D. #
18)	L4 AR-1242-3	5.418	0.000	4429	0	3.775	N.D. #
19)	L4 AR-1242-4	5.523	0.000	8116	0	8.446	N.D. #
20)	L4 AR-1242-5	6.266	0.000	19059	0	16.226	N.D. #
22)	L5 AR-1248-2	5.600	0.000	15004	0	10.379	N.D. #
23)	L5 AR-1248-3	5.815	0.000	5898	0	3.590	N.D. #
24)	L5 AR-1248-4	6.183	0.000	6471	0	3.195	N.D. #
25)	L5 AR-1248-5	6.266	0.000	19059	0	9.873	N.D. #
26)	L6 AR-1254-1	6.183	0.000	6471	0	2.740	N.D. #
27)	L6 AR-1254-2	6.367	0.000	1545	0	0.401	N.D. #
28)	L6 AR-1254-3	6.762	0.000	7128	0	1.760	N.D. #
29)	L6 AR-1254-4	7.063	0.000	3338	0	0.927	N.D. #
30)	L6 AR-1254-5	7.426	0.000	13362	0	3.686	N.D. #
31)	L7 AR-1260-1	6.860	0.000	1875	0	0.651	N.D. #
32)	L7 AR-1260-2	7.177	0.000	20353	0	4.893	N.D. #
33)	L7 AR-1260-3	7.528	0.000	15096	0	4.054	N.D. #
34)	L7 AR-1260-4	7.750	6.885	16171	-7351	4.745	N.D. #
35)	L7 AR-1260-5	8.028	0.000	33239	0	4.519	N.D. #
36)	L8 AR-1262-1	7.528	0.000	15096	0	2.995	N.D. #
37)	L8 AR-1262-2	8.028	0.000	33239	0	4.176	N.D. #
38)	L8 AR-1262-3	8.327	7.403	14615	32134	2.875	13.020 #
39)	L8 AR-1262-4	8.423	7.403	5051	32134	1.333	7.568 #
40)	L8 AR-1262-5	9.023	0.000	3745	0	1.630	N.D. #
41)	L9 AR-1268-1	8.327	7.403	14615	32134	1.308	3.945 #
42)	L9 AR-1268-2	8.423	7.403	5051	32134	0.538	4.241 #
43)	L9 AR-1268-3	8.609	0.000	63357	0	7.671	N.D. #
44)	L9 AR-1268-4	9.023	0.000	3745	0	1.253	N.D. #
45)	L9 AR-1268-5	9.359	0.000	26518	0	1.235	N.D. #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0080919\
Data File : P0059118.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 09 Aug 2019 23:00
Operator : SM/SJ
Sample : K4235-03
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
HPPER-4-080719-50

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 10 02:03:45 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

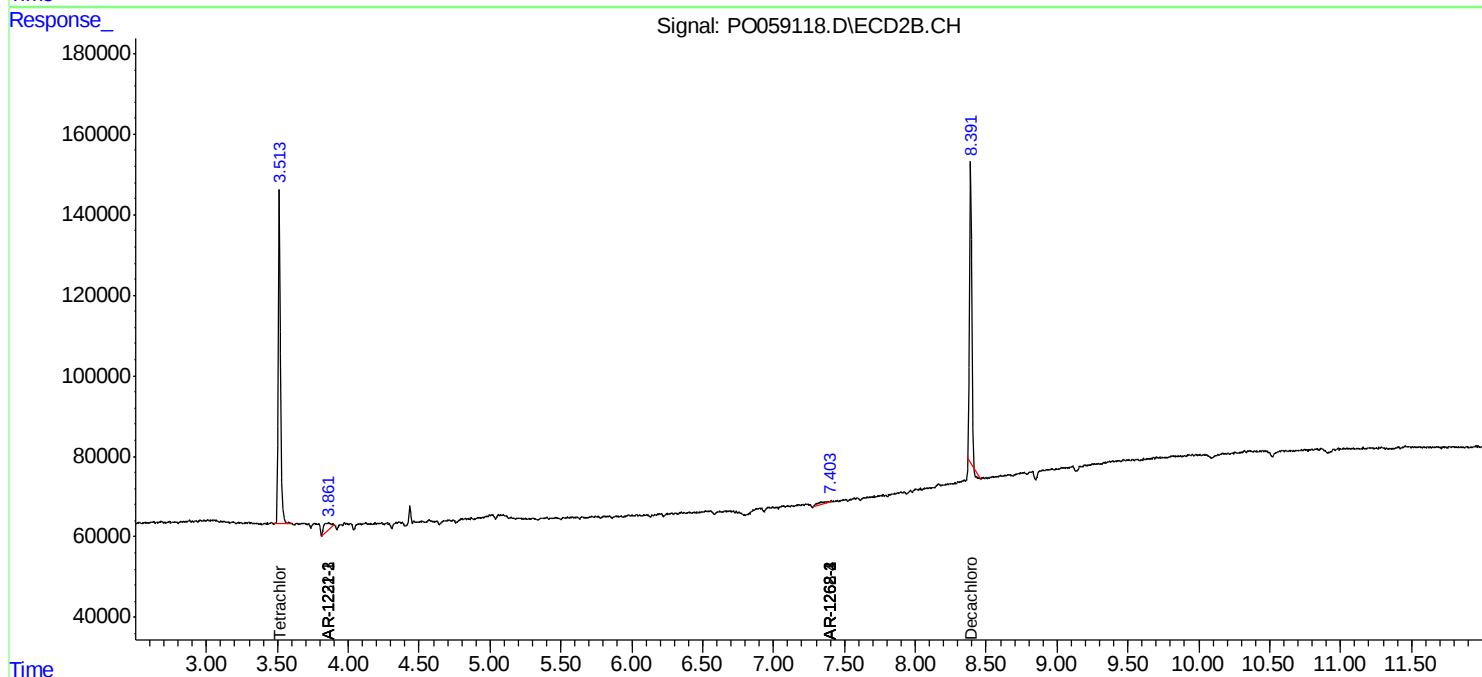
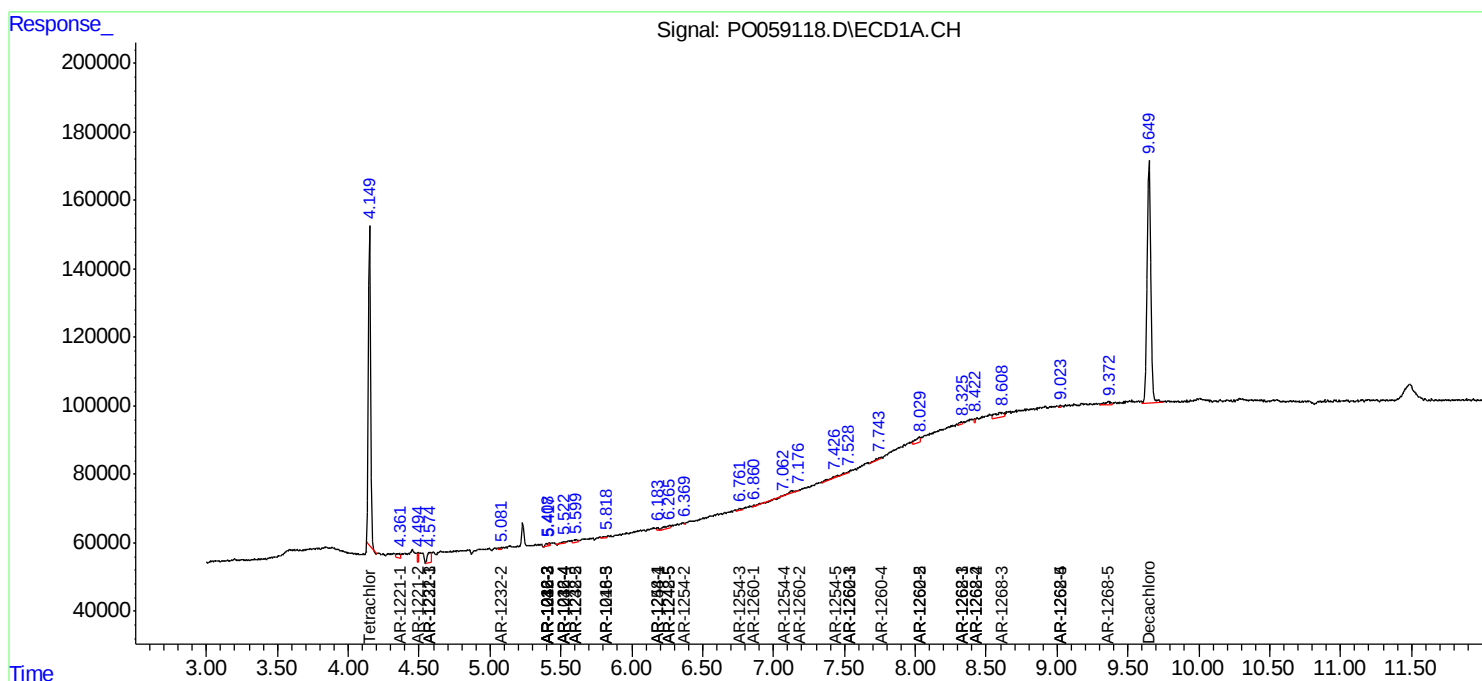
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

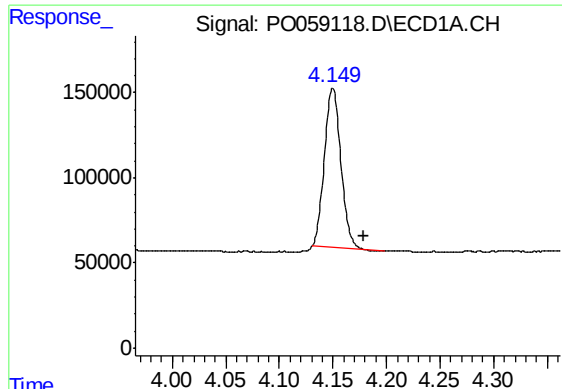
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO080919\
Data File : PO059118.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 09 Aug 2019 23:00
Operator : SM/SJ
Sample : K4235-03
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
HPPER-4-080719-50

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 10 02:03:45 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072819.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

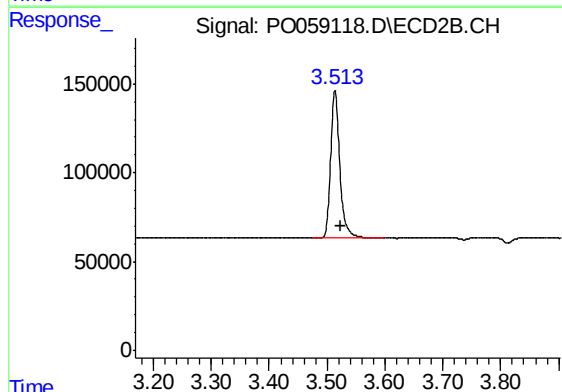




#1 Tetrachloro-m-xylene

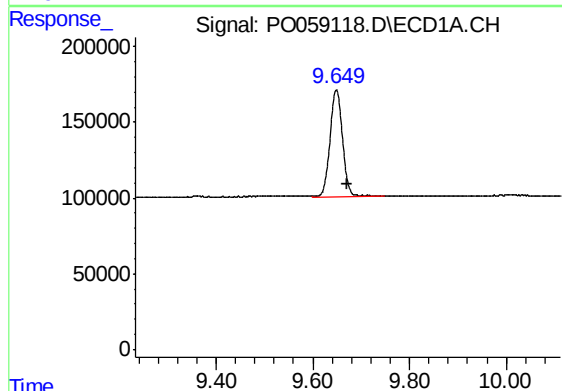
R.T.: 4.150 min
Delta R.T.: -0.029 min
Response: 1010573
Conc: 23.95 ng/ml

Instrument :
ECD_O
ClientSampleId :
HPPER-4-080719-50



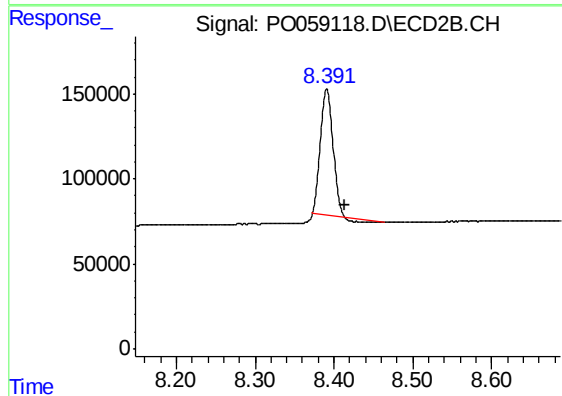
#1 Tetrachloro-m-xylene

R.T.: 3.514 min
Delta R.T.: -0.011 min
Response: 914916
Conc: 22.90 ng/ml



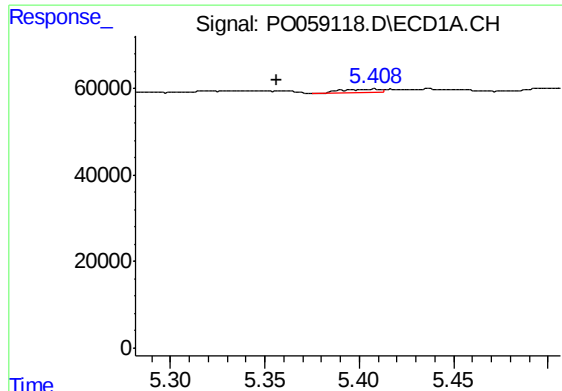
#2 Decachlorobiphenyl

R.T.: 9.649 min
Delta R.T.: -0.024 min
Response: 1272143
Conc: 23.49 ng/ml



#2 Decachlorobiphenyl

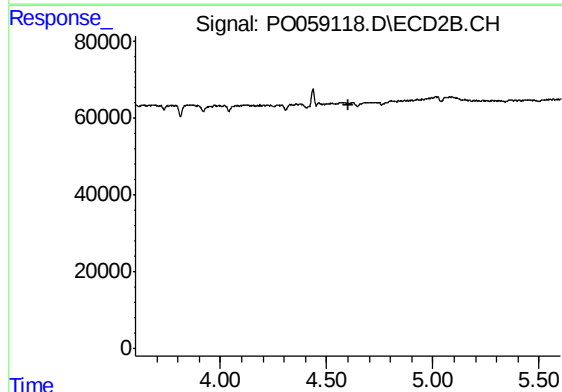
R.T.: 8.391 min
Delta R.T.: -0.023 min
Response: 814431
Conc: 20.63 ng/ml



#4 AR-1016-2

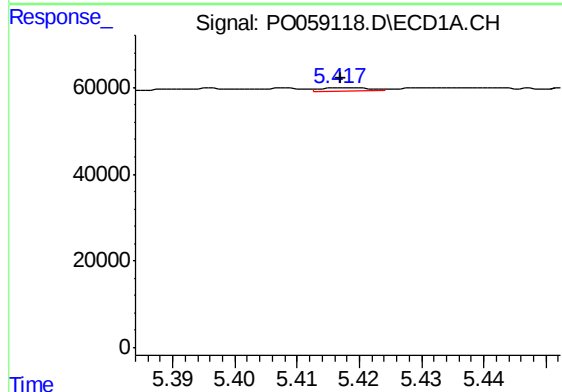
R.T.: 5.408 min
Delta R.T.: 0.052 min
Response: 12461
Conc: 4.53 ng/ml

Instrument :
ECD_O
ClientSampleId :
HPPER-4-080719-50



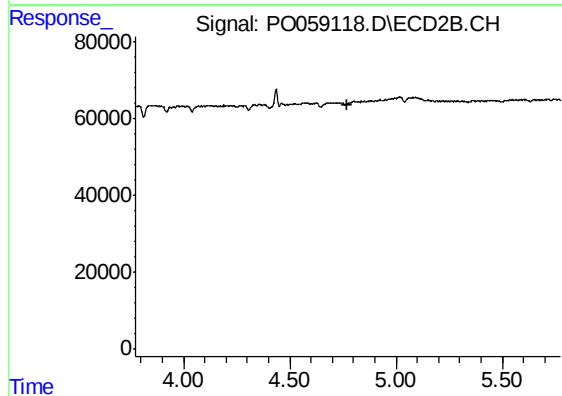
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T. : 4.601 min
Response: 0
Conc: N.D.



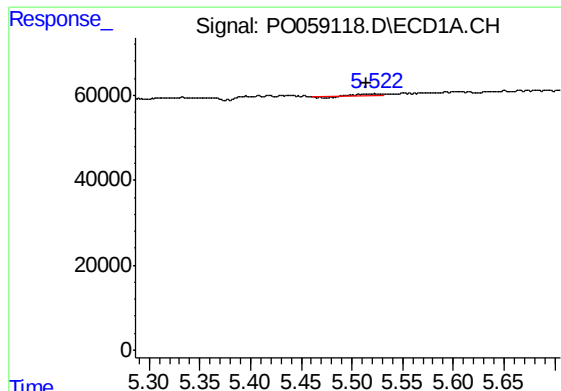
#5 AR-1016-3

R.T.: 5.418 min
Delta R.T.: 0.000 min
Response: 4429
Conc: 2.61 ng/ml



#5 AR-1016-3

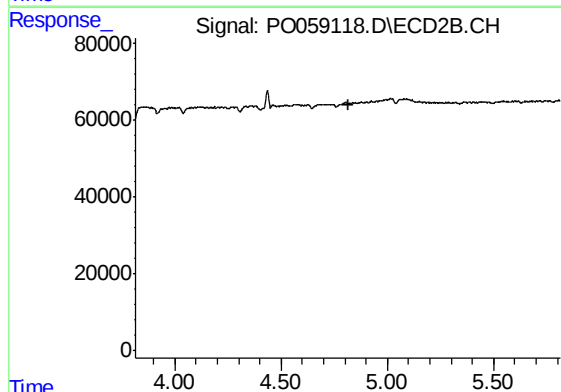
R.T.: 0.000 min
Exp R.T. : 4.773 min
Response: 0
Conc: N.D.



#6 AR-1016-4

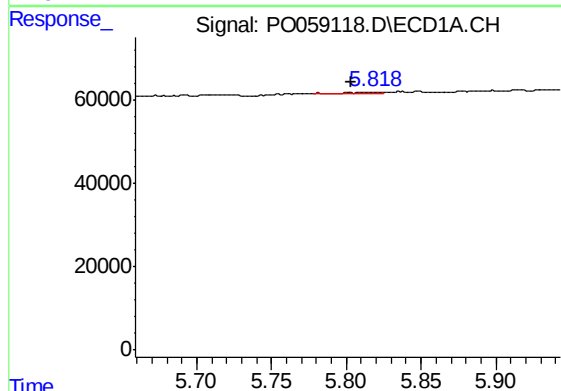
R.T.: 5.523 min
Delta R.T.: 0.008 min
Response: 8116
Conc: 5.80 ng/ml

Instrument :
ECD_O
ClientSampleId :
HPPER-4-080719-50



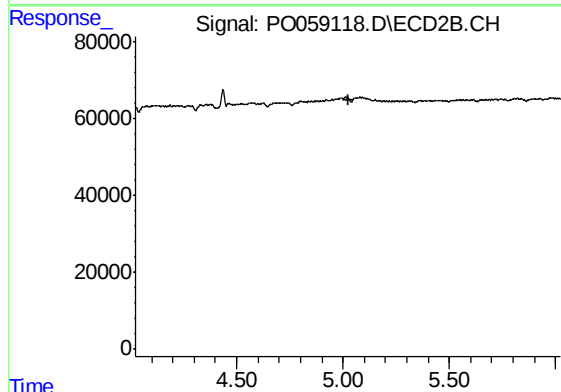
#6 AR-1016-4

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



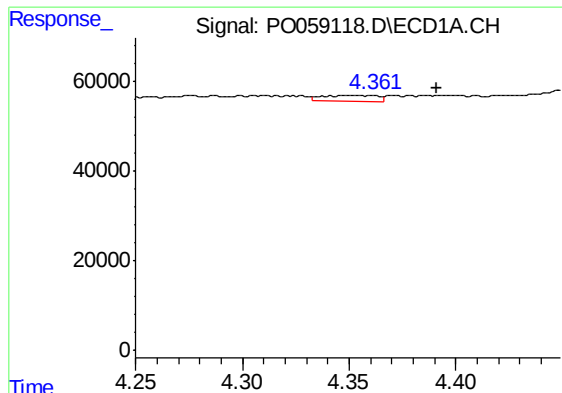
#7 AR-1016-5

R.T.: 5.815 min
Delta R.T.: 0.012 min
Response: 5898
Conc: 4.12 ng/ml



#7 AR-1016-5

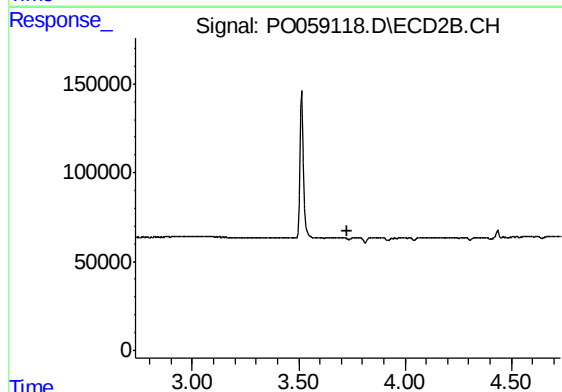
R.T.: 0.000 min
Exp R.T. : 5.024 min
Response: 0
Conc: N.D.



#8 AR-1221-1

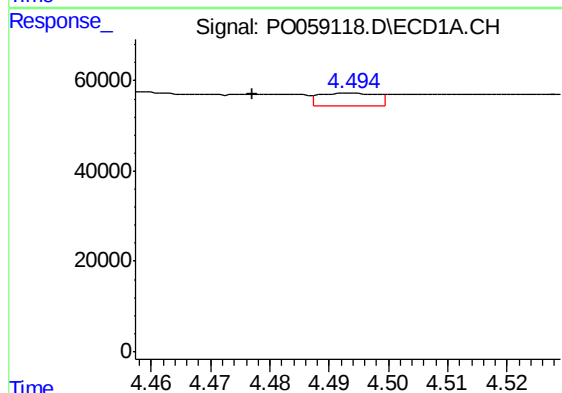
R.T.: 4.361 min
Delta R.T.: -0.030 min
Response: 22475
Conc: 49.48 ng/ml

Instrument :
ECD_O
ClientSampleId :
HPPER-4-080719-50



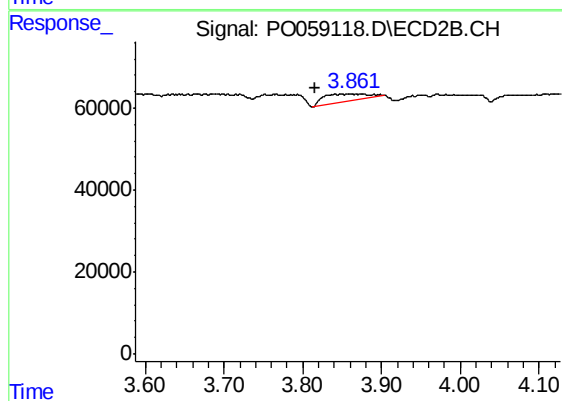
#8 AR-1221-1

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



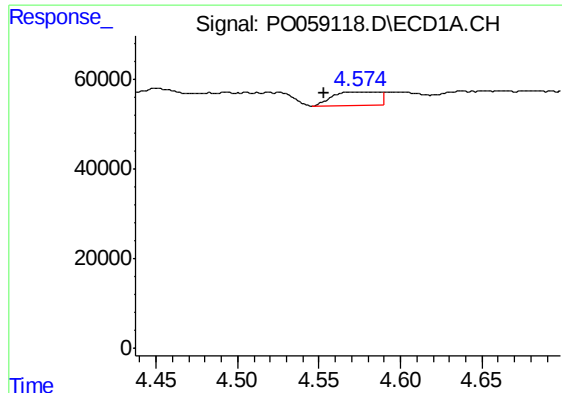
#9 AR-1221-2

R.T.: 4.493 min
Delta R.T.: 0.016 min
Response: 19018
Conc: 55.16 ng/ml



#9 AR-1221-2

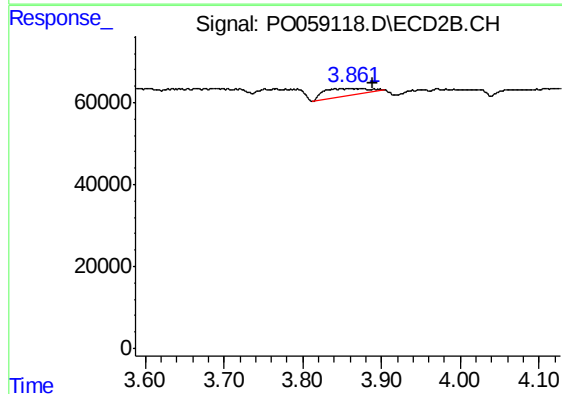
R.T.: 3.861 min
Delta R.T.: 0.045 min
Response: 73483
Conc: 246.20 ng/ml



#10 AR-1221-3

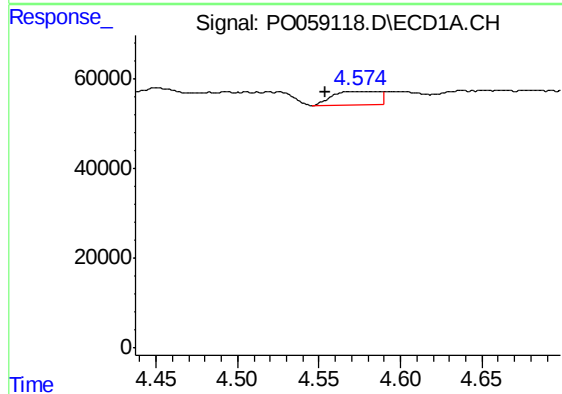
R.T.: 4.575 min
Delta R.T.: 0.022 min
Response: 59977
Conc: 54.69 ng/ml

Instrument :
ECD_O
ClientSampleId :
HPPER-4-080719-50



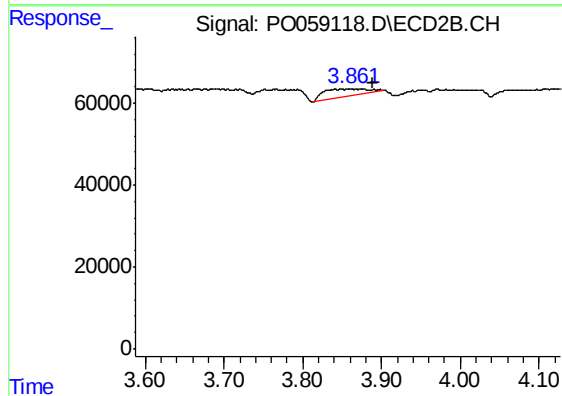
#10 AR-1221-3

R.T.: 3.861 min
Delta R.T.: -0.028 min
Response: 73483
Conc: 76.82 ng/ml



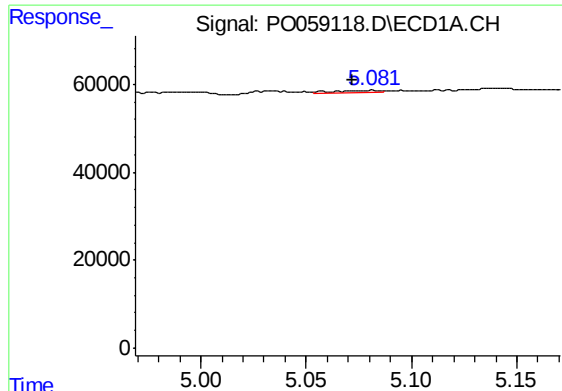
#11 AR-1232-1

R.T.: 4.575 min
Delta R.T.: 0.021 min
Response: 59977
Conc: 66.43 ng/ml



#11 AR-1232-1

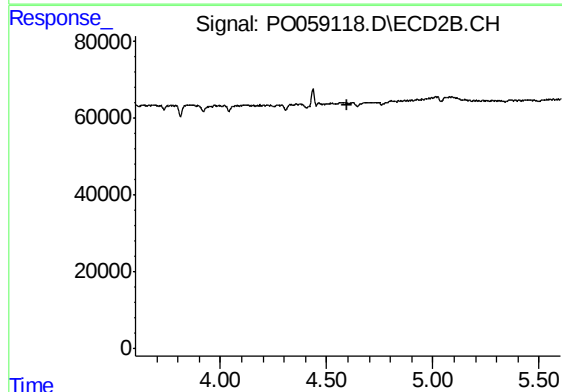
R.T.: 3.861 min
Delta R.T.: -0.028 min
Response: 73483
Conc: 93.54 ng/ml



#12 AR-1232-2

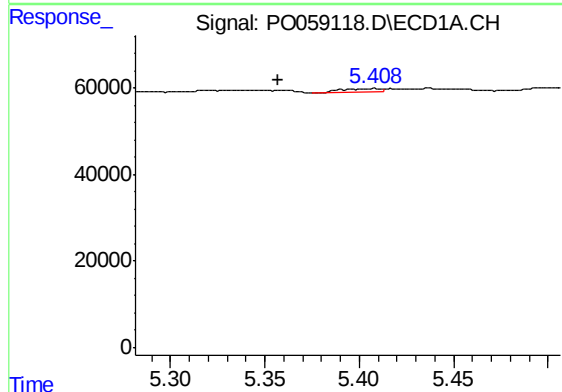
R.T.: 5.081 min
Delta R.T.: 0.009 min
Response: 7727
Conc: 15.71 ng/ml

Instrument :
ECD_O
ClientSampleId :
HPPER-4-080719-50



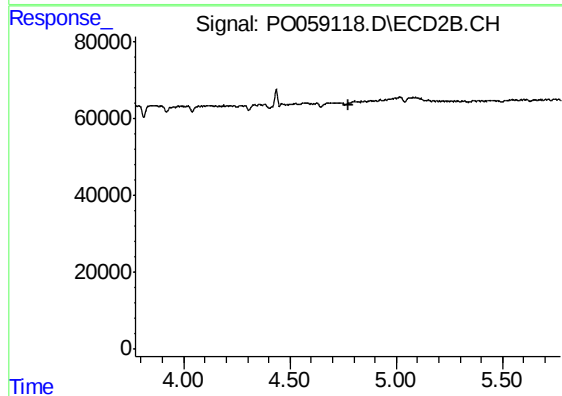
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 4.600 min
Response: 0
Conc: N.D.



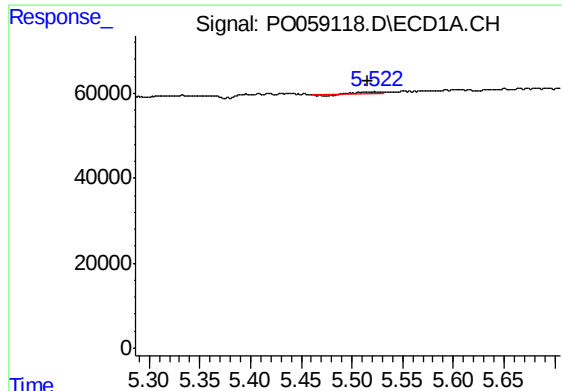
#13 AR-1232-3

R.T.: 5.408 min
Delta R.T.: 0.051 min
Response: 12461
Conc: 11.64 ng/ml



#13 AR-1232-3

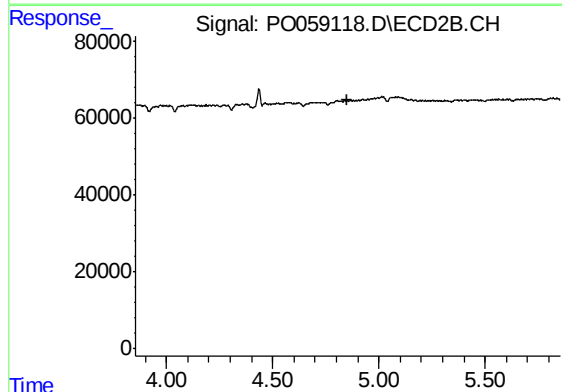
R.T.: 0.000 min
Exp R.T. : 4.773 min
Response: 0
Conc: N.D.



#14 AR-1232-4

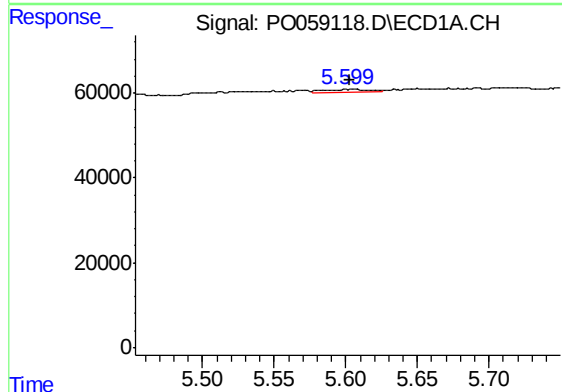
R.T.: 5.523 min
Delta R.T.: 0.007 min
Response: 8116
Conc: 15.22 ng/ml

Instrument :
ECD_O
ClientSampleId :
HPPER-4-080719-50



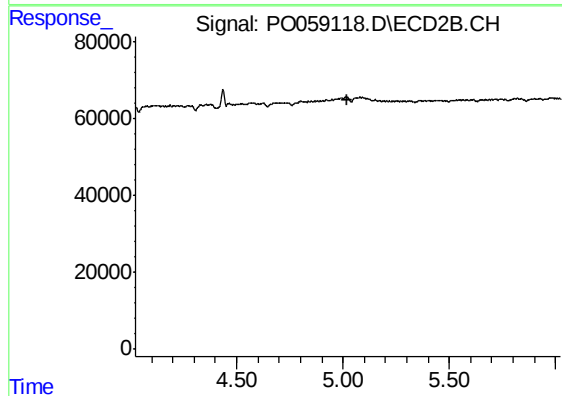
#14 AR-1232-4

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



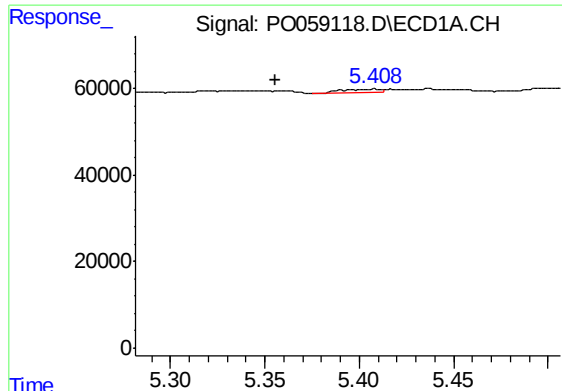
#15 AR-1232-5

R.T.: 5.600 min
Delta R.T.: -0.003 min
Response: 15004
Conc: 36.77 ng/ml



#15 AR-1232-5

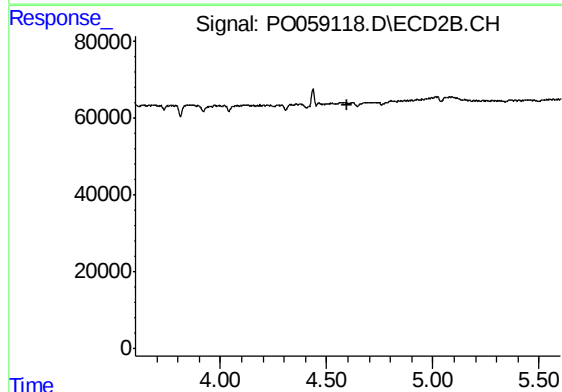
R.T.: 0.000 min
Exp R.T. : 5.023 min
Response: 0
Conc: N.D.



#17 AR-1242-2

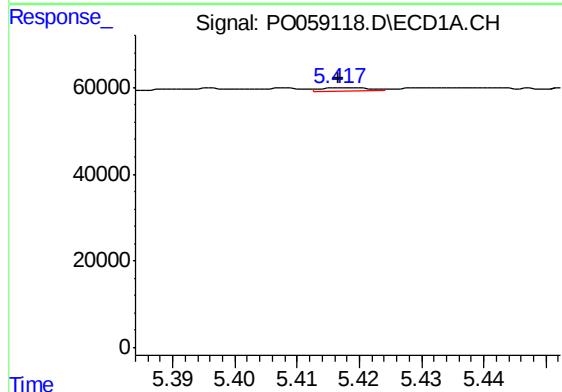
R.T.: 5.408 min
Delta R.T.: 0.053 min
Response: 12461
Conc: 6.59 ng/ml

Instrument :
ECD_O
ClientSampleId :
HPPER-4-080719-50



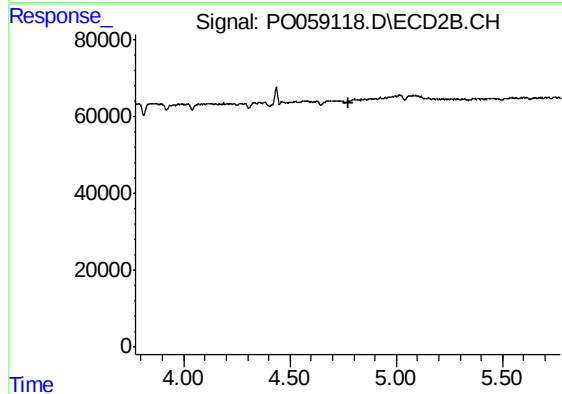
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 4.600 min
Response: 0
Conc: N.D.



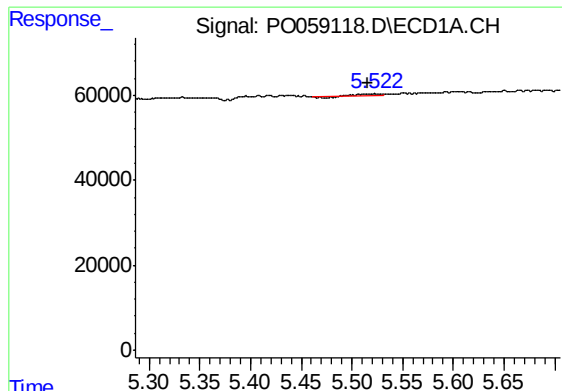
#18 AR-1242-3

R.T.: 5.418 min
Delta R.T.: 0.001 min
Response: 4429
Conc: 3.78 ng/ml



#18 AR-1242-3

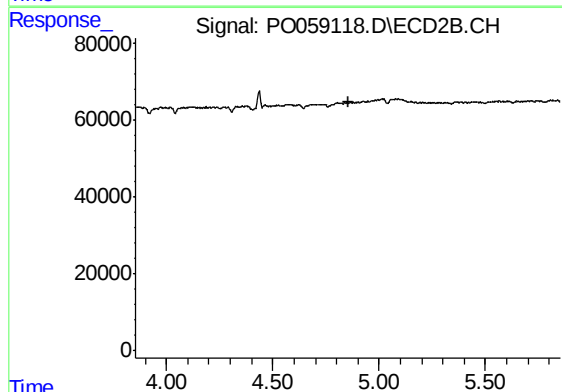
R.T.: 0.000 min
Exp R.T. : 4.773 min
Response: 0
Conc: N.D.



#19 AR-1242-4

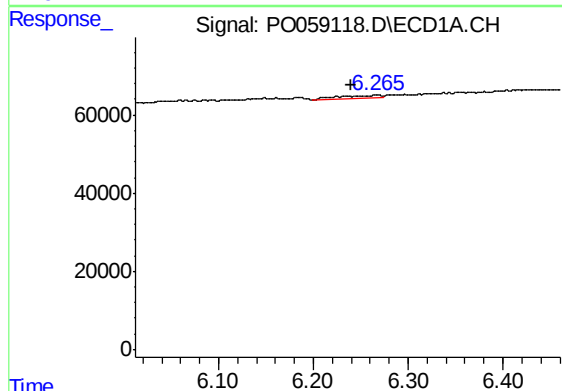
R.T.: 5.523 min
Delta R.T.: 0.008 min
Response: 8116
Conc: 8.45 ng/ml

Instrument :
ECD_O
ClientSampleId :
HPPER-4-080719-50



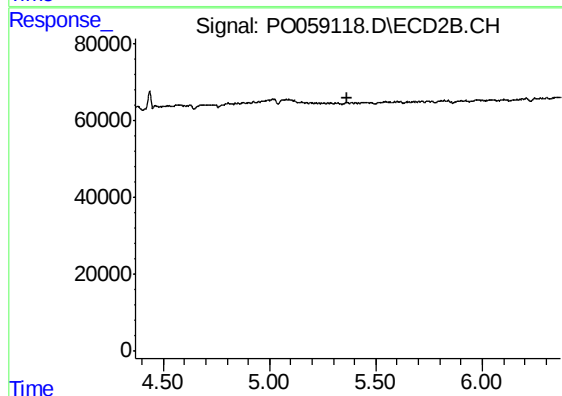
#19 AR-1242-4

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



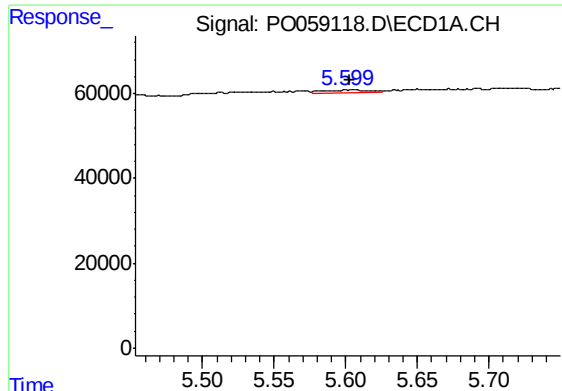
#20 AR-1242-5

R.T.: 6.266 min
Delta R.T.: 0.027 min
Response: 19059
Conc: 16.23 ng/ml



#20 AR-1242-5

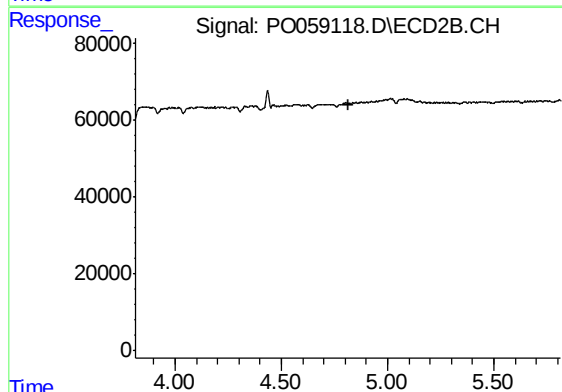
R.T.: 0.000 min
Exp R.T. : 5.368 min
Response: 0
Conc: N.D.



#22 AR-1248-2

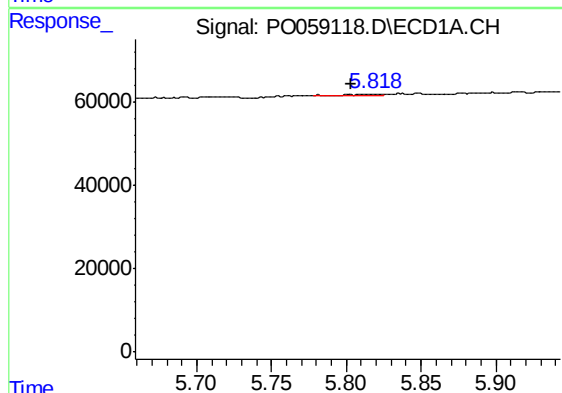
R.T.: 5.600 min
Delta R.T.: -0.002 min
Response: 15004
Conc: 10.38 ng/ml

Instrument :
ECD_O
ClientSampleId :
HPPER-4-080719-50



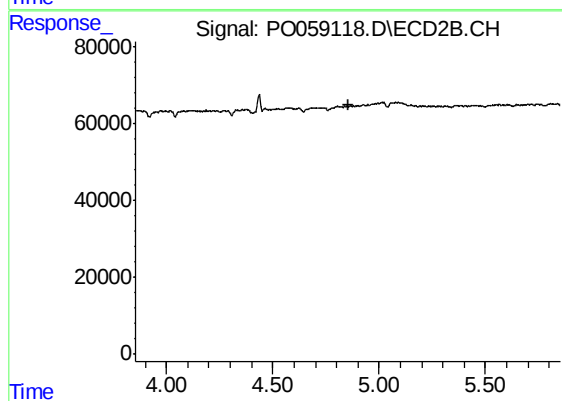
#22 AR-1248-2

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



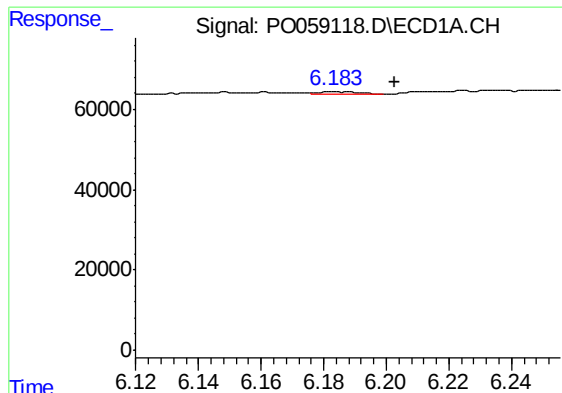
#23 AR-1248-3

R.T.: 5.815 min
Delta R.T.: 0.012 min
Response: 5898
Conc: 3.59 ng/ml



#23 AR-1248-3

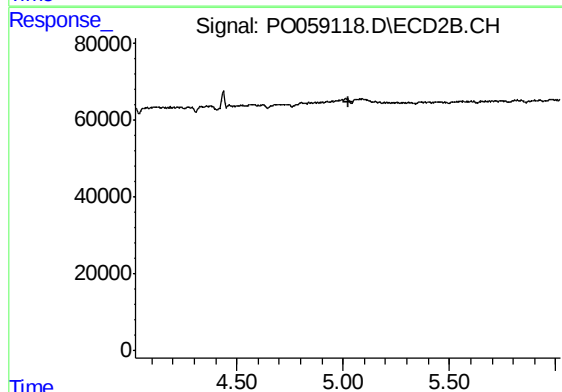
R.T.: 0.000 min
Exp R.T. : 4.854 min
Response: 0
Conc: N.D.



#24 AR-1248-4

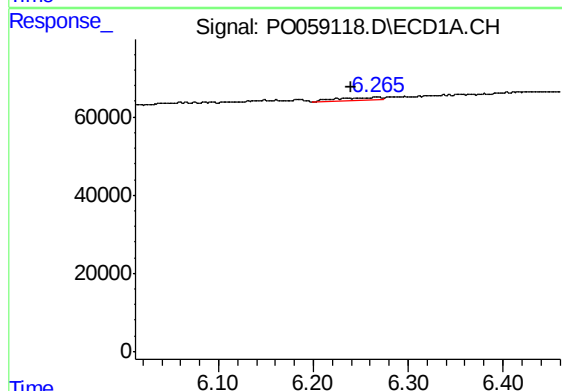
R.T.: 6.183 min
Delta R.T.: -0.020 min
Response: 6471
Conc: 3.20 ng/ml

Instrument :
ECD_O
ClientSampleId :
HPPER-4-080719-50



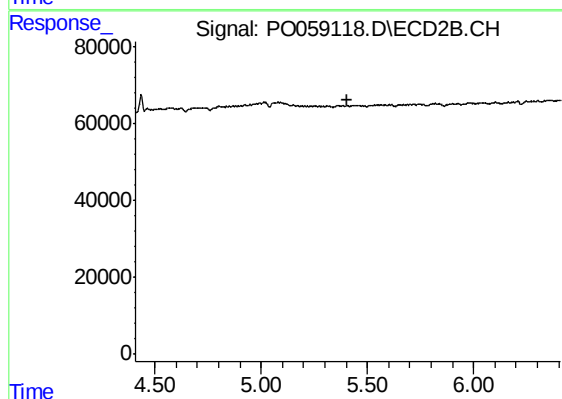
#24 AR-1248-4

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



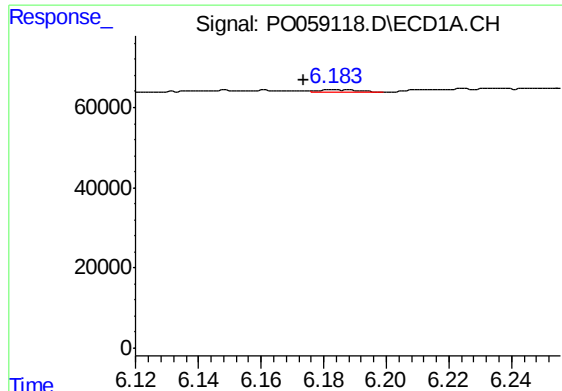
#25 AR-1248-5

R.T.: 6.266 min
Delta R.T.: 0.027 min
Response: 19059
Conc: 9.87 ng/ml



#25 AR-1248-5

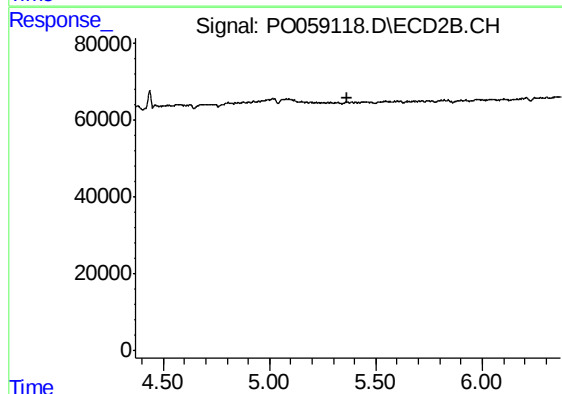
R.T.: 0.000 min
Exp R.T. : 5.409 min
Response: 0
Conc: N.D.



#26 AR-1254-1

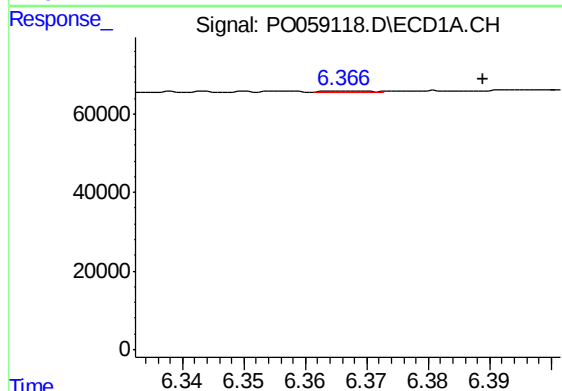
R.T.: 6.183 min
Delta R.T.: 0.010 min
Response: 6471
Conc: 2.74 ng/ml

Instrument :
ECD_O
ClientSampleId :
HPPER-4-080719-50



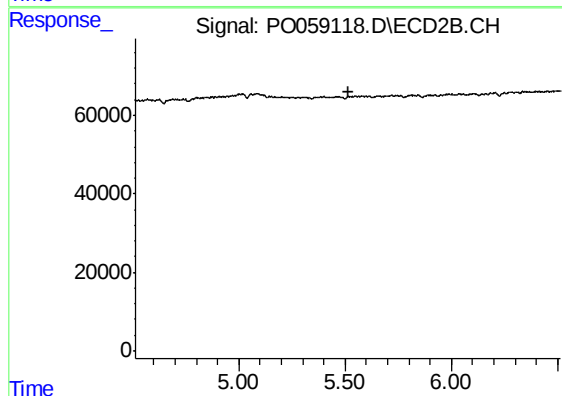
#26 AR-1254-1

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



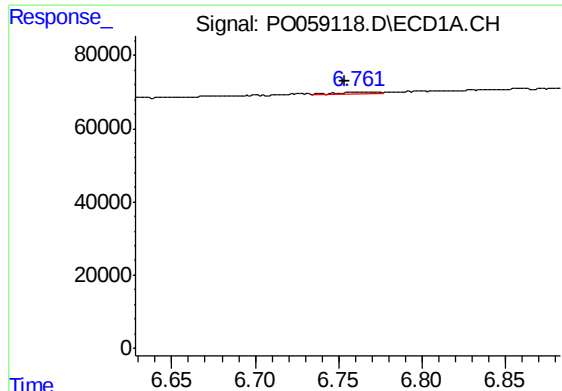
#27 AR-1254-2

R.T.: 6.367 min
Delta R.T.: -0.022 min
Response: 1545
Conc: 0.40 ng/ml



#27 AR-1254-2

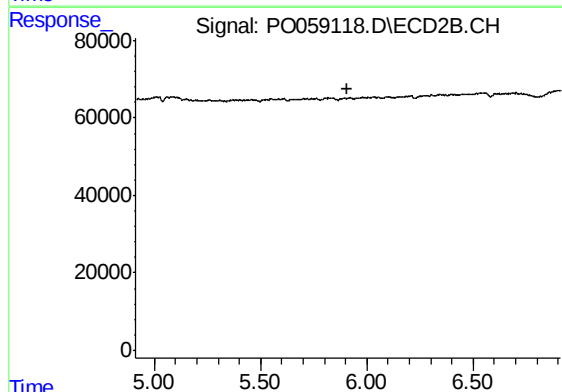
R.T.: 0.000 min
Exp R.T. : 5.514 min
Response: 0
Conc: N.D.



#28 AR-1254-3

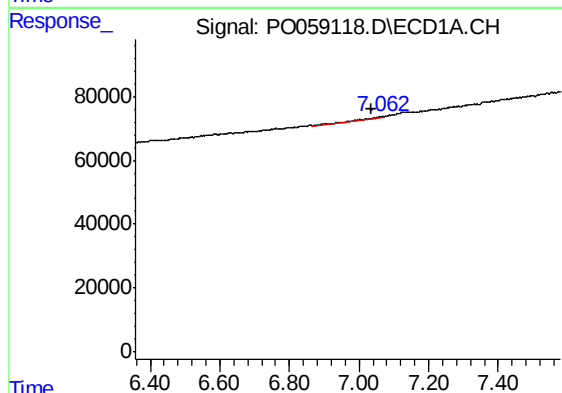
R.T.: 6.762 min
Delta R.T.: 0.009 min
Response: 7128
Conc: 1.76 ng/ml

Instrument :
ECD_O
ClientSampleId :
HPPER-4-080719-50



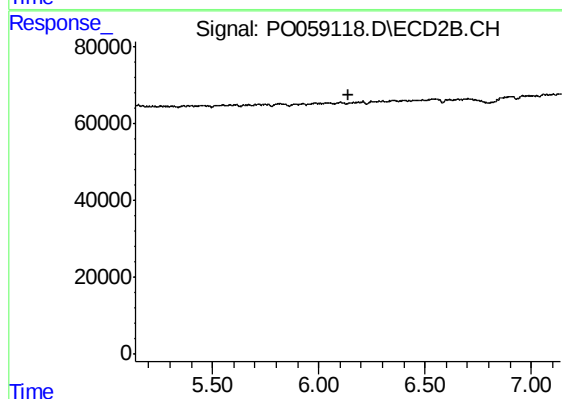
#28 AR-1254-3

R.T.: 0.000 min
Exp R.T. : 5.911 min
Response: 0
Conc: N.D.



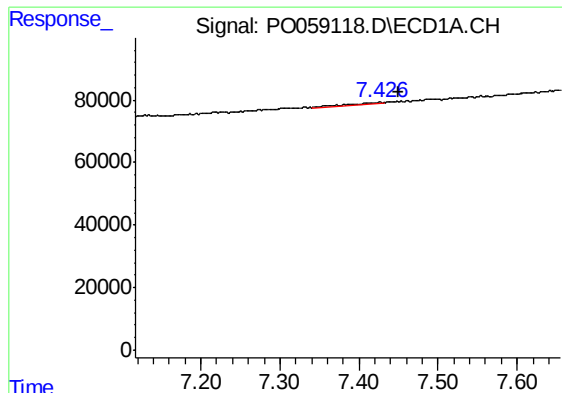
#29 AR-1254-4

R.T.: 7.063 min
Delta R.T.: 0.027 min
Response: 3338
Conc: 0.93 ng/ml



#29 AR-1254-4

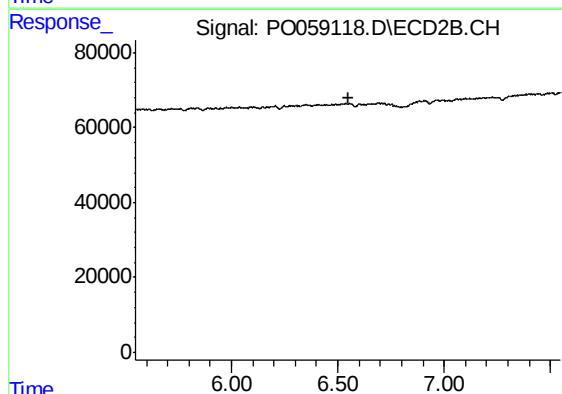
R.T.: 0.000 min
Exp R.T. : 6.138 min
Response: 0
Conc: N.D.



#30 AR-1254-5

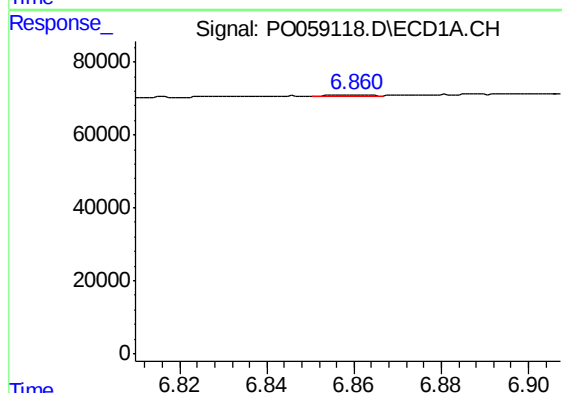
R.T.: 7.426 min
Delta R.T.: -0.024 min
Response: 13362
Conc: 3.69 ng/ml

Instrument :
ECD_O
ClientSampleId :
HPPER-4-080719-50



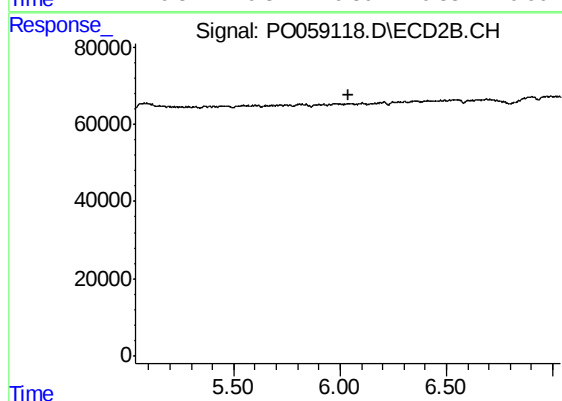
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T. : 6.548 min
Response: 0
Conc: N.D.



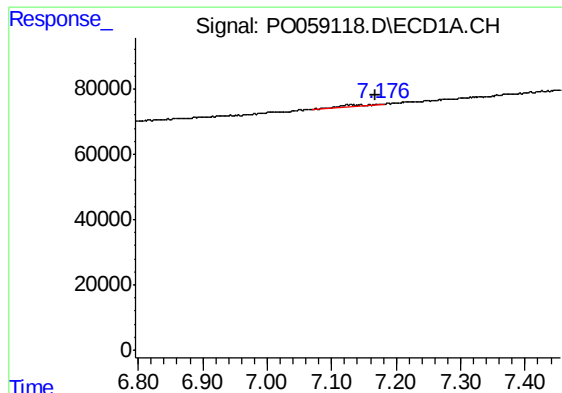
#31 AR-1260-1

R.T.: 6.860 min
Delta R.T.: -0.051 min
Response: 1875
Conc: 0.65 ng/ml



#31 AR-1260-1

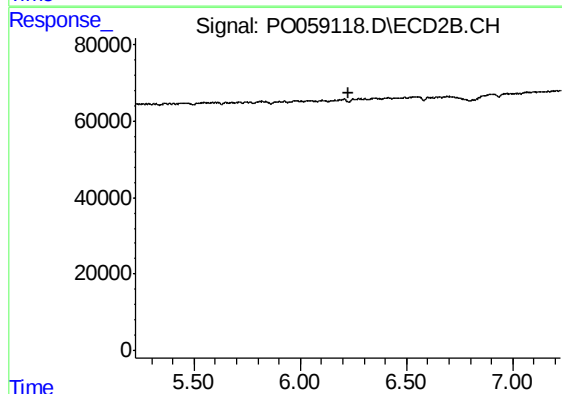
R.T.: 0.000 min
Exp R.T. : 6.037 min
Response: 0
Conc: N.D.



#32 AR-1260-2

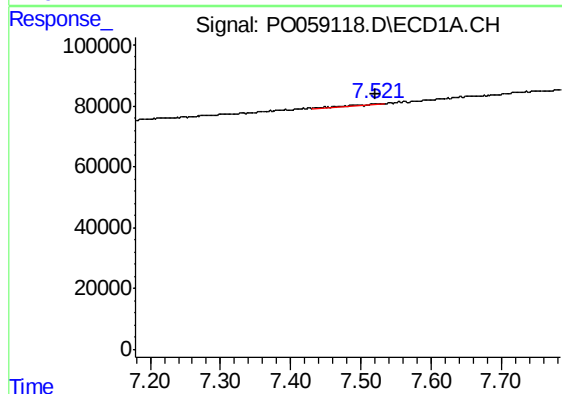
R.T.: 7.177 min
Delta R.T.: 0.009 min
Response: 20353
Conc: 4.89 ng/ml

Instrument :
ECD_O
ClientSampleId :
HPPER-4-080719-50



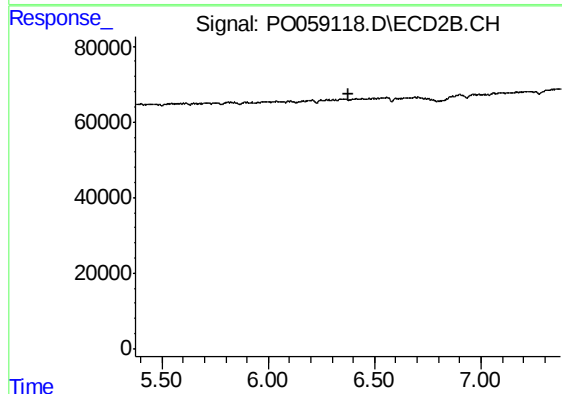
#32 AR-1260-2

R.T.: 0.000 min
Exp R.T. : 6.225 min
Response: 0
Conc: N.D.



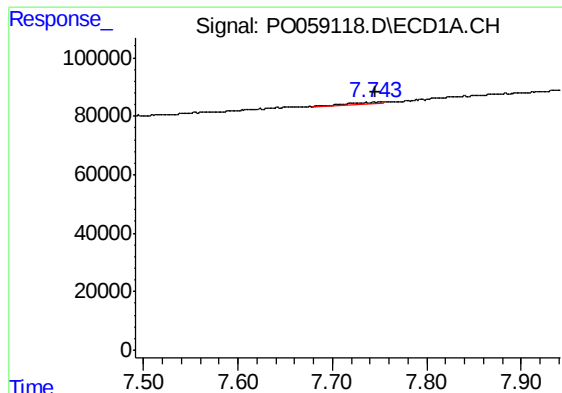
#33 AR-1260-3

R.T.: 7.528 min
Delta R.T.: 0.008 min
Response: 15096
Conc: 4.05 ng/ml



#33 AR-1260-3

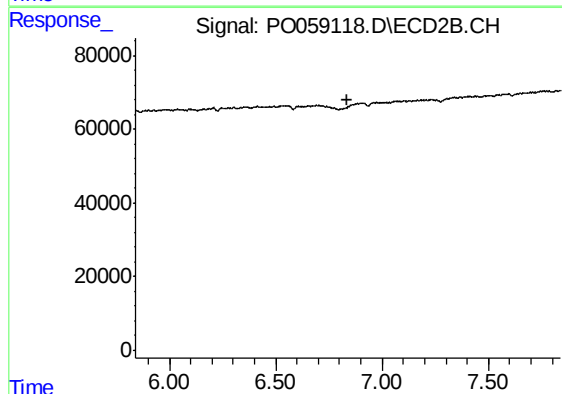
R.T.: 0.000 min
Exp R.T. : 6.375 min
Response: 0
Conc: N.D.



#34 AR-1260-4

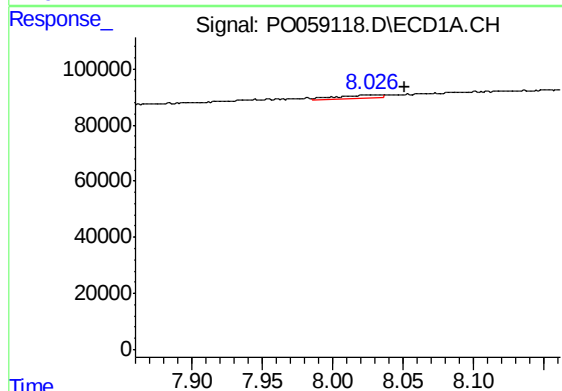
R.T.: 7.750 min
Delta R.T.: 0.004 min
Response: 16171
Conc: 4.75 ng/ml

Instrument :
ECD_O
ClientSampleId :
HPPER-4-080719-50



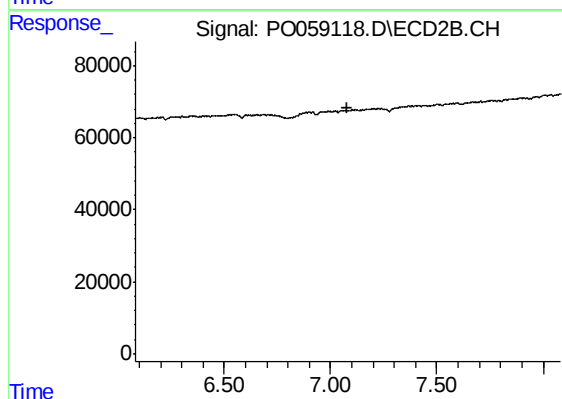
#34 AR-1260-4

R.T.: 6.885 min
Delta R.T.: 0.046 min
Response: -7351
Conc: N.D.



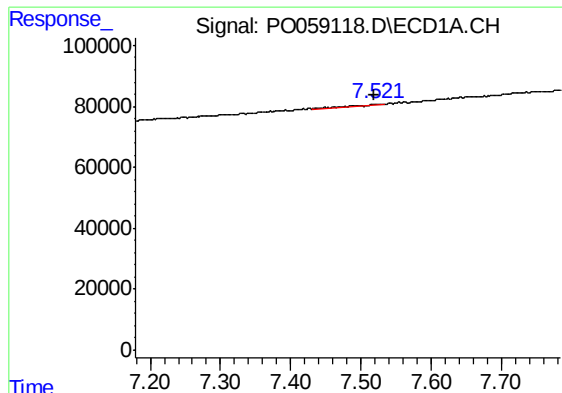
#35 AR-1260-5

R.T.: 8.028 min
Delta R.T.: -0.024 min
Response: 33239
Conc: 4.52 ng/ml



#35 AR-1260-5

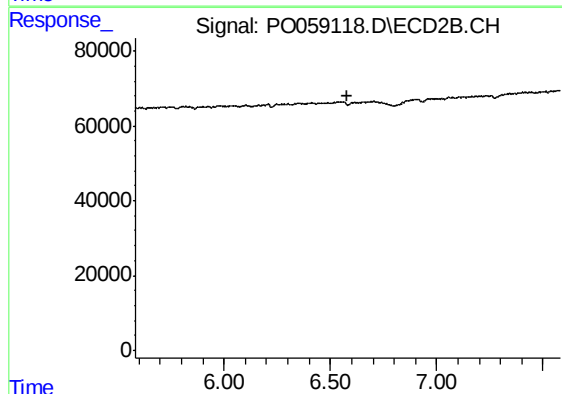
R.T.: 0.000 min
Exp R.T. : 7.082 min
Response: 0
Conc: N.D.



#36 AR-1262-1

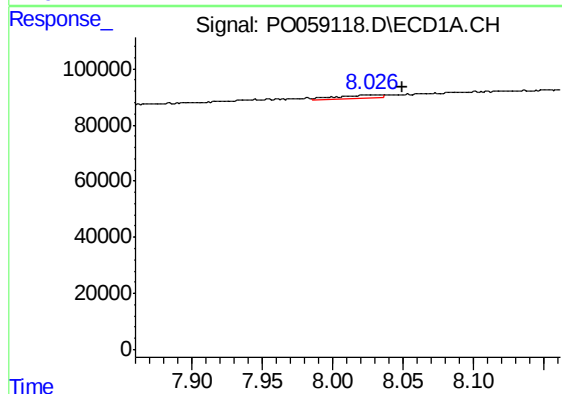
R.T.: 7.528 min
Delta R.T.: 0.009 min
Response: 15096
Conc: 2.99 ng/ml

Instrument :
ECD_O
ClientSampleId :
HPPER-4-080719-50



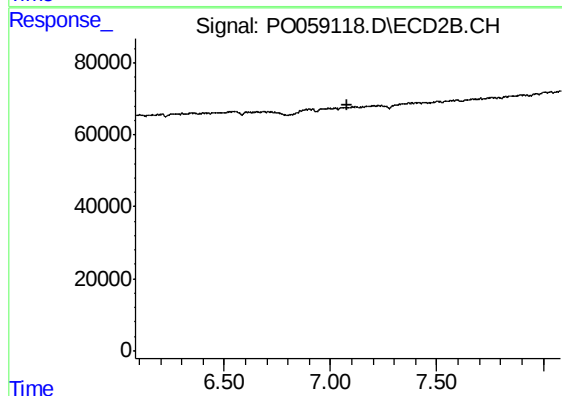
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 6.583 min
Response: 0
Conc: N.D.



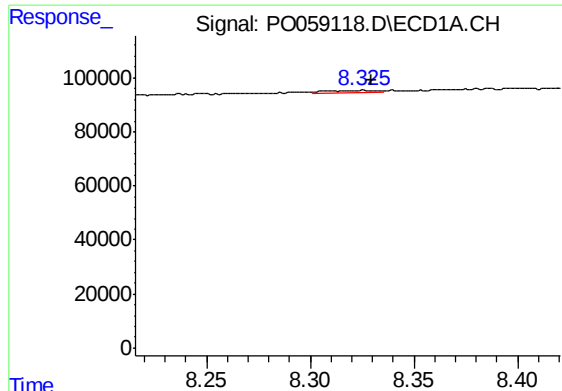
#37 AR-1262-2

R.T.: 8.028 min
Delta R.T.: -0.022 min
Response: 33239
Conc: 4.18 ng/ml



#37 AR-1262-2

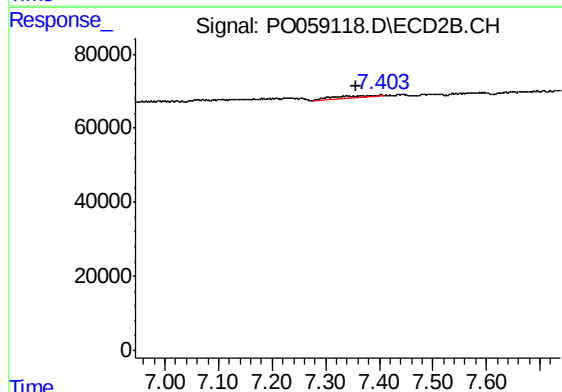
R.T.: 0.000 min
Exp R.T. : 7.082 min
Response: 0
Conc: N.D.



#38 AR-1262-3

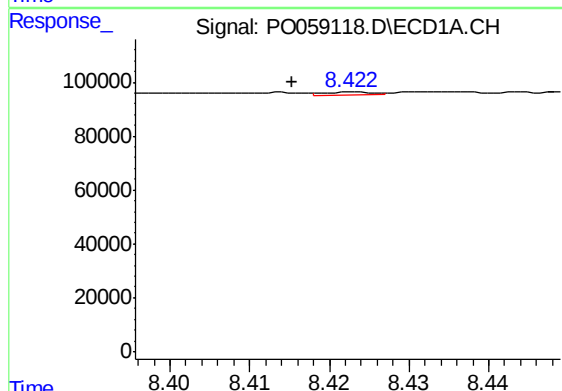
R.T.: 8.327 min
Delta R.T.: -0.003 min
Response: 14615
Conc: 2.87 ng/ml

Instrument :
ECD_O
ClientSampleId :
HPPER-4-080719-50



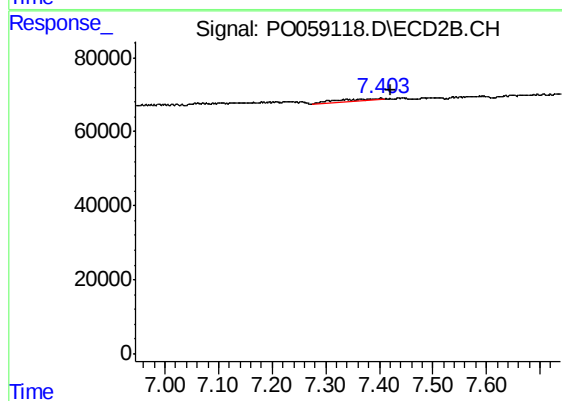
#38 AR-1262-3

R.T.: 7.403 min
Delta R.T.: 0.046 min
Response: 32134
Conc: 13.02 ng/ml



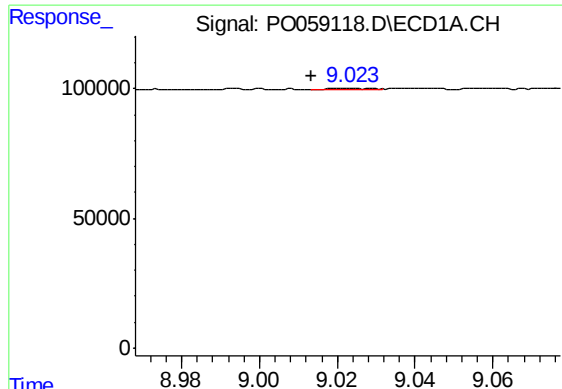
#39 AR-1262-4

R.T.: 8.423 min
Delta R.T.: 0.008 min
Response: 5051
Conc: 1.33 ng/ml



#39 AR-1262-4

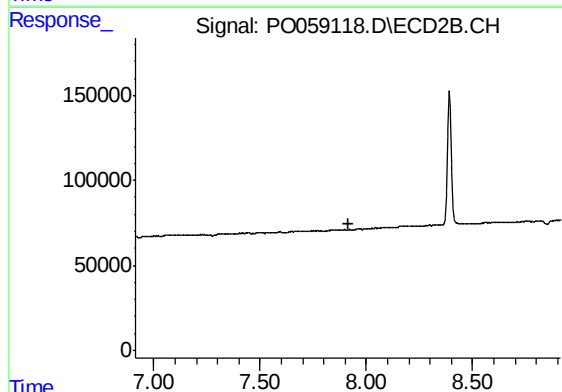
R.T.: 7.403 min
Delta R.T.: -0.019 min
Response: 32134
Conc: 7.57 ng/ml



#40 AR-1262-5

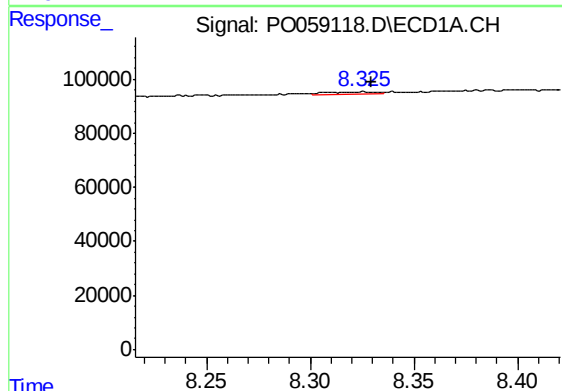
R.T.: 9.023 min
Delta R.T.: 0.010 min
Response: 3745
Conc: 1.63 ng/ml

Instrument :
ECD_O
ClientSampleId :
HPPER-4-080719-50



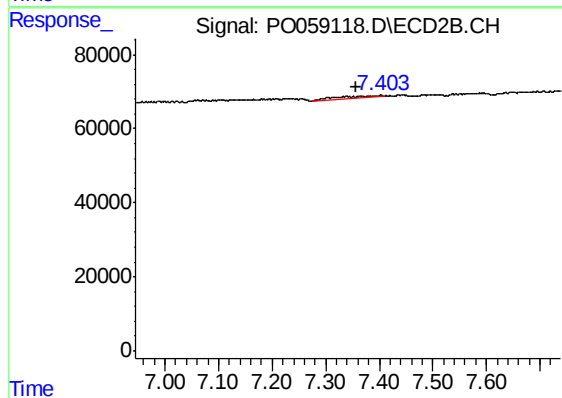
#40 AR-1262-5

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



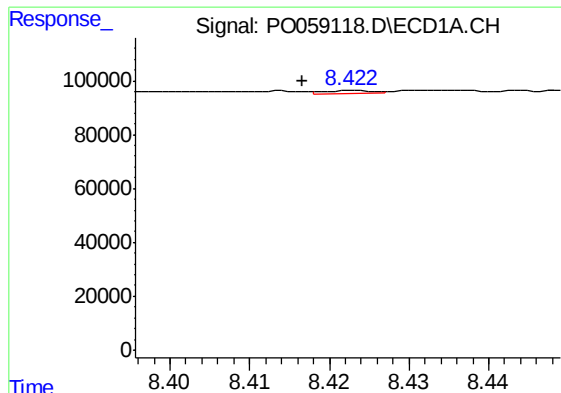
#41 AR-1268-1

R.T.: 8.327 min
Delta R.T.: -0.003 min
Response: 14615
Conc: 1.31 ng/ml



#41 AR-1268-1

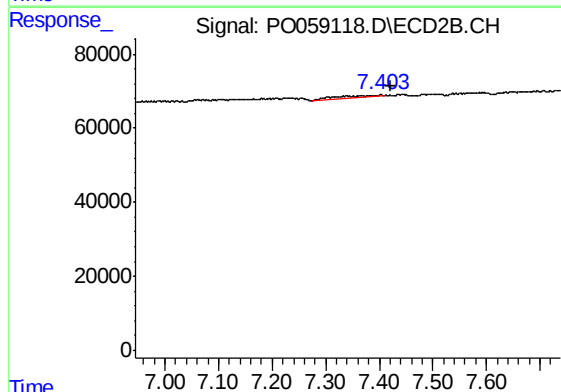
R.T.: 7.403 min
Delta R.T.: 0.046 min
Response: 32134
Conc: 3.95 ng/ml



#42 AR-1268-2

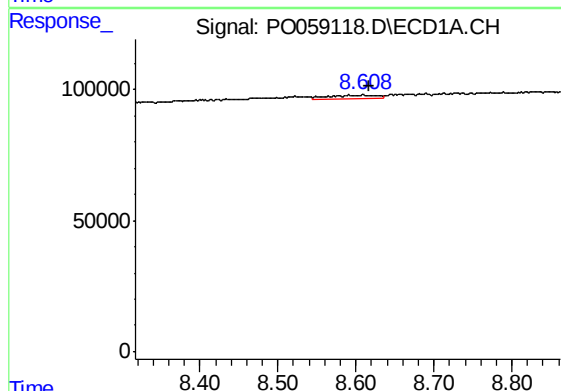
R.T.: 8.423 min
Delta R.T.: 0.006 min
Response: 5051
Conc: 0.54 ng/ml

Instrument :
ECD_O
ClientSampleId :
HPPER-4-080719-50



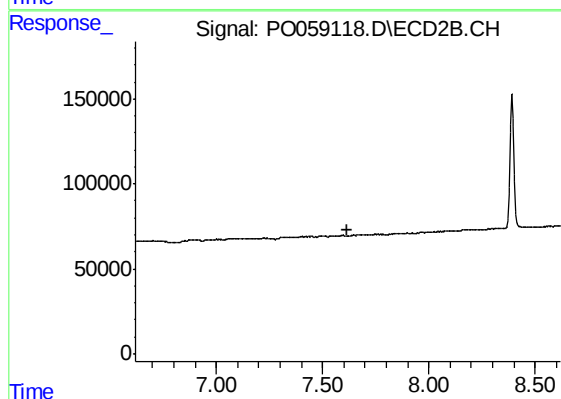
#42 AR-1268-2

R.T.: 7.403 min
Delta R.T.: -0.019 min
Response: 32134
Conc: 4.24 ng/ml



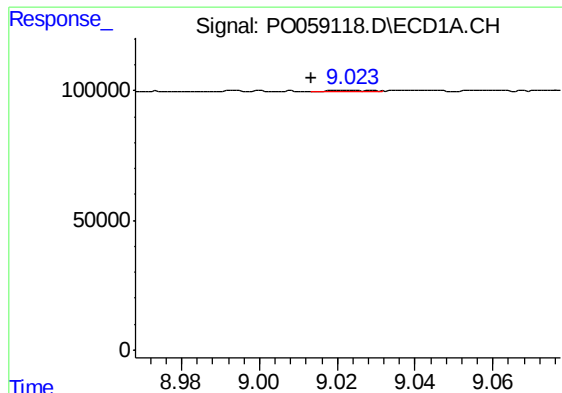
#43 AR-1268-3

R.T.: 8.609 min
Delta R.T.: -0.008 min
Response: 63357
Conc: 7.67 ng/ml



#43 AR-1268-3

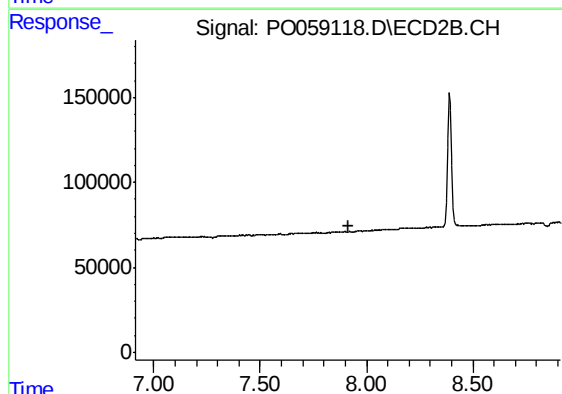
R.T.: 0.000 min
Exp R.T. : 7.619 min
Response: 0
Conc: N.D.



#44 AR-1268-4

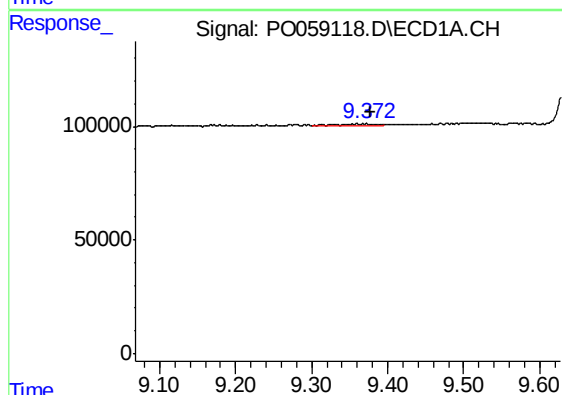
R.T.: 9.023 min
Delta R.T.: 0.010 min
Response: 3745
Conc: 1.25 ng/ml

Instrument :
ECD_O
ClientSampleId :
HPPER-4-080719-50



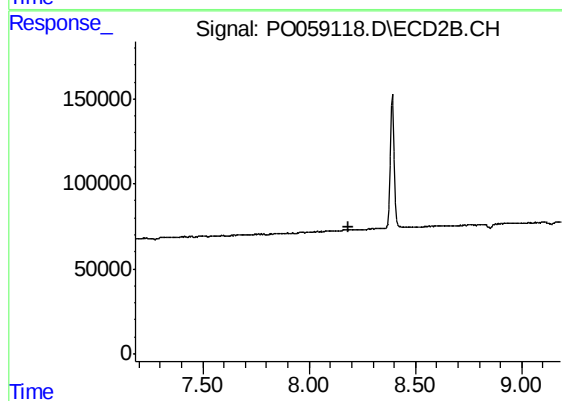
#44 AR-1268-4

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



#45 AR-1268-5

R.T.: 9.359 min
Delta R.T.: -0.017 min
Response: 26518
Conc: 1.24 ng/ml



#45 AR-1268-5

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