

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0080919\
 Data File : P0059119.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 09 Aug 2019 23:16
 Operator : SM/SJ
 Sample : K4235-04
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 HPPER-4-080719-67

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 10 02:04:26 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...	4.205	3.513	7167	979425	0.170	24.516 #
2)	SA Decachlor...	9.647	8.390	1264534	818762	23.350	20.742
Target Compounds							
3)	L1 AR-1016-1	5.400	0.000	5857	0	3.126	N.D. #
4)	L1 AR-1016-2	5.400	0.000	5857	0	2.129	N.D. #
5)	L1 AR-1016-3	5.413	0.000	2051	0	1.208	N.D. #
6)	L1 AR-1016-4	5.525	0.000	4742	0	3.389	N.D. #
7)	L1 AR-1016-5	5.839	0.000	24024	0	16.772	N.D. #
8)	L2 AR-1221-1	4.451	0.000	85454	0	188.115	N.D. #
9)	L2 AR-1221-2	4.502	3.870	62167	158164	180.310	529.926 #
10)	L2 AR-1221-3	4.602	3.870	97890	158164	89.268	165.339 #
11)	L3 AR-1232-1	4.602	3.870	97890	158164	108.428	201.339 #
12)	L3 AR-1232-2	5.069	0.000	6708	0	13.636	N.D. #
13)	L3 AR-1232-3	5.400	0.000	5857	0	5.470	N.D. #
14)	L3 AR-1232-4	5.525	0.000	4742	0	8.896	N.D. #
15)	L3 AR-1232-5	5.603	0.000	5620	0	13.773	N.D. #
16)	L4 AR-1242-1	5.400	0.000	5857	0	4.574	N.D. #
17)	L4 AR-1242-2	5.400	0.000	5857	0	3.096	N.D. #
18)	L4 AR-1242-3	5.413	0.000	2051	0	1.748	N.D. #
19)	L4 AR-1242-4	5.525	0.000	4742	0	4.935	N.D. #
20)	L4 AR-1242-5	6.229	5.374	341780	139700	290.983	130.234 #
21)	L5 AR-1248-1	5.400	0.000	5857	0	5.793	N.D. #
22)	L5 AR-1248-2	5.603	0.000	5620	0	3.888	N.D. #
23)	L5 AR-1248-3	5.839	0.000	24024	0	14.626	N.D. #
24)	L5 AR-1248-4	6.229	0.000	341780	0	168.760	N.D. #
25)	L5 AR-1248-5	6.229	5.374	341780	139700	177.057	100.848 #
26)	L6 AR-1254-1	6.150	5.374	761046	139700	322.301	53.927 #
27)	L6 AR-1254-2	6.417	0.000	568460	0	147.500	N.D. #
28)	L6 AR-1254-3	6.756	0.000	410880	0	101.461	N.D. #
29)	L6 AR-1254-4	7.015	6.206	373088	52268	103.617	22.479 #
30)	L6 AR-1254-5	7.438	0.000	98654	0	27.217	N.D. #
31)	L7 AR-1260-1	6.898	0.000	138206	0	48.002	N.D. #
32)	L7 AR-1260-2	7.164	6.206	25805	52268	6.203	17.254 #
34)	L7 AR-1260-4	7.748	6.900	136889	46302	40.170	20.492 #
35)	L7 AR-1260-5	8.060	7.063	31803	39248	4.324	7.288 #
37)	L8 AR-1262-2	8.060	7.063	31803	39248	3.996	6.951 #
38)	L8 AR-1262-3	8.397	0.000	43220	0	8.502	N.D. #
39)	L8 AR-1262-4	8.406	0.000	4563	0	1.204	N.D. #
40)	L8 AR-1262-5	9.063	0.000	14971	0	6.516	N.D. #
41)	L9 AR-1268-1	8.397	0.000	43220	0	3.869	N.D. #
42)	L9 AR-1268-2	8.426	0.000	15104	0	1.608	N.D. #
43)	L9 AR-1268-3	8.604	7.577	37344	94022	4.522	14.710 #
44)	L9 AR-1268-4	9.063	0.000	14971	0	5.008	N.D. #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0080919\
 Data File : P0059119.D
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 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 HPPER-4-080719-67

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 10 02:04:26 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	
45) L9	AR-1268-5	9.366	0.000	7284	0	0.339	N.D.	#

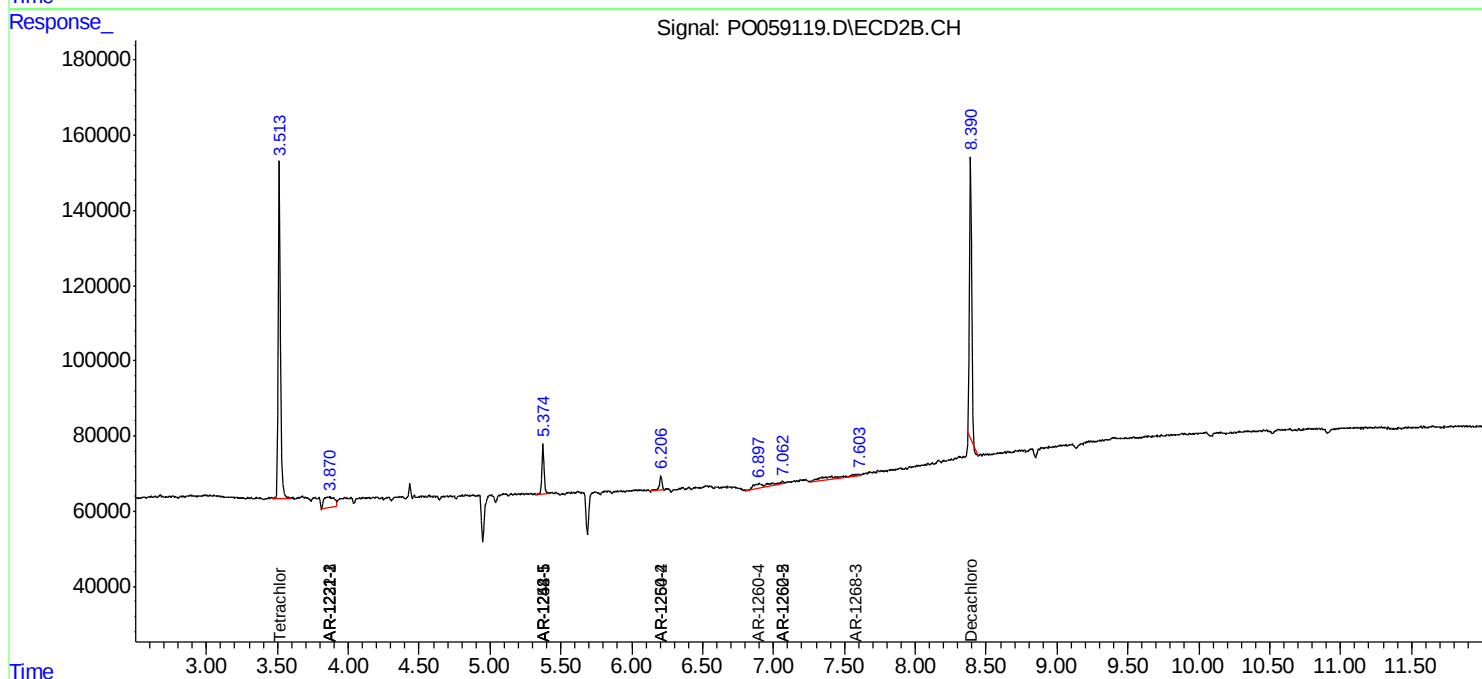
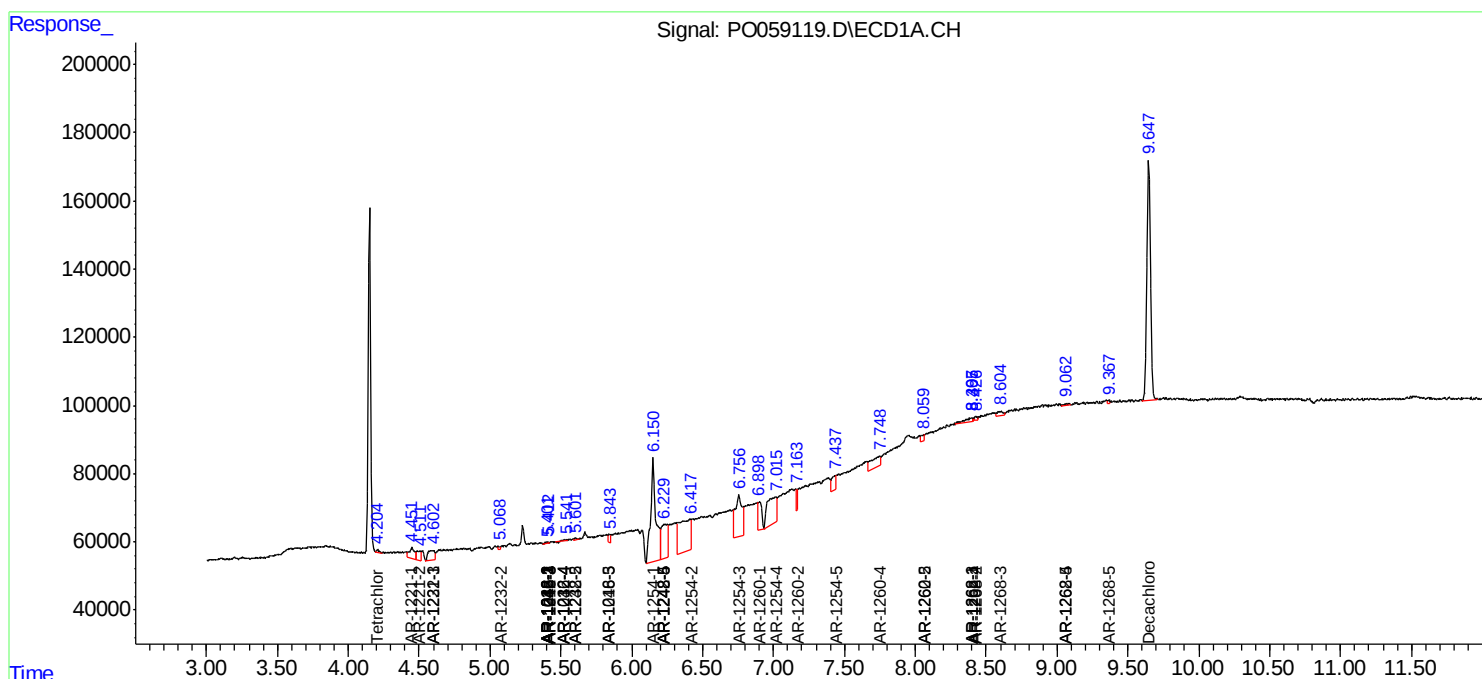
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

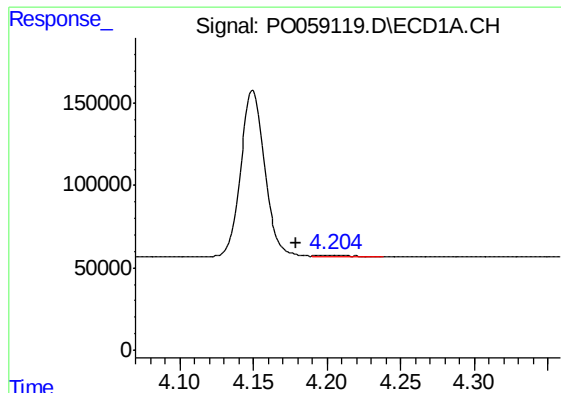
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO080919\
Data File : PO059119.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 09 Aug 2019 23:16
Operator : SM/SJ
Sample : K4235-04
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
HPPER-4-080719-67

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 10 02:04:26 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

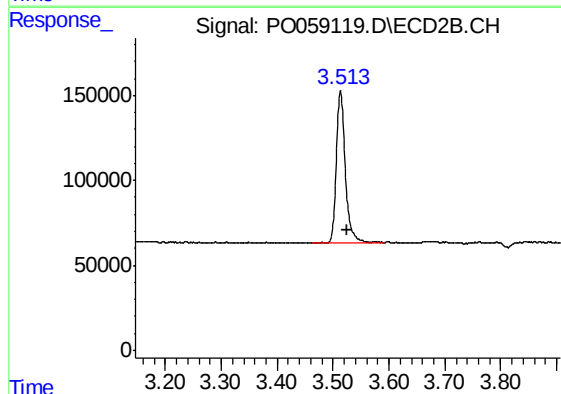




#1 Tetrachloro-m-xylene

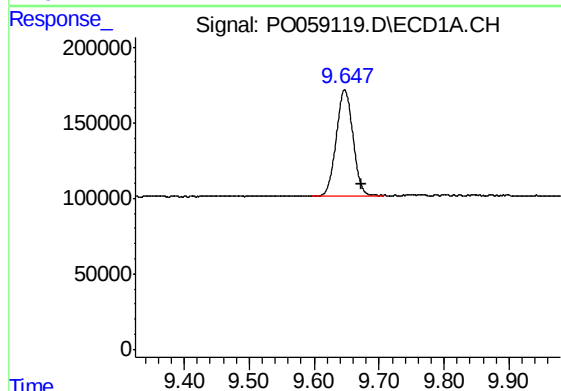
R.T.: 4.205 min
Delta R.T.: 0.026 min
Response: 7167
Conc: 0.17 ng/ml

Instrument :
ECD_O
ClientSampleId :
HPPER-4-080719-67



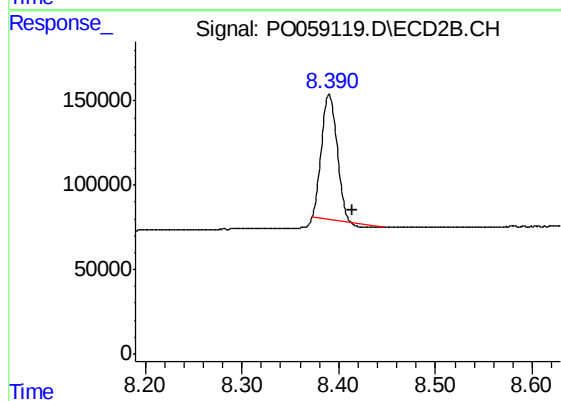
#1 Tetrachloro-m-xylene

R.T.: 3.513 min
Delta R.T.: -0.011 min
Response: 979425
Conc: 24.52 ng/ml



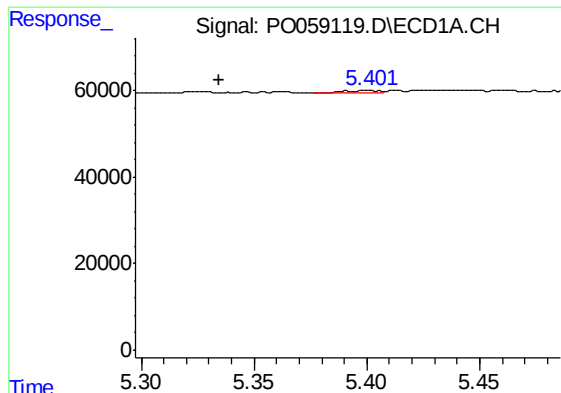
#2 Decachlorobiphenyl

R.T.: 9.647 min
Delta R.T.: -0.025 min
Response: 1264534
Conc: 23.35 ng/ml



#2 Decachlorobiphenyl

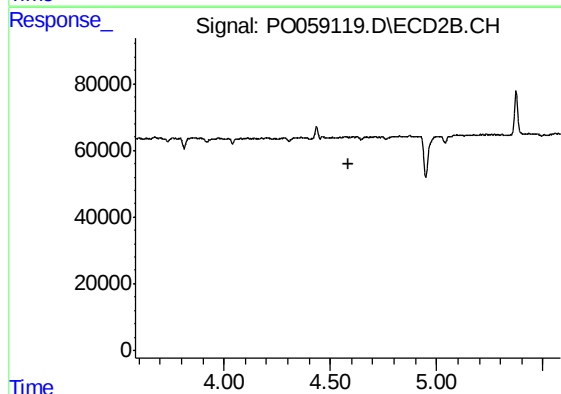
R.T.: 8.390 min
Delta R.T.: -0.024 min
Response: 818762
Conc: 20.74 ng/ml



#3 AR-1016-1

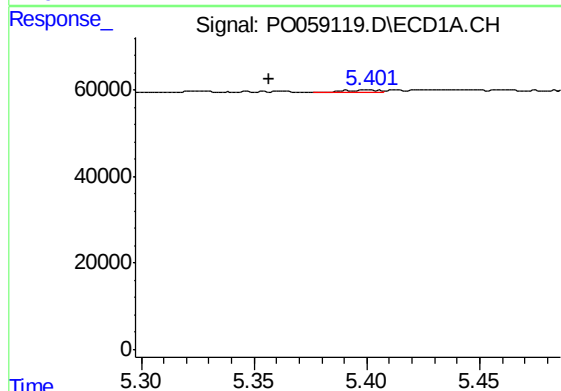
R.T.: 5.400 min
Delta R.T.: 0.065 min
Response: 5857
Conc: 3.13 ng/ml

Instrument :
ECD_O
ClientSampleId :
HPPER-4-080719-67



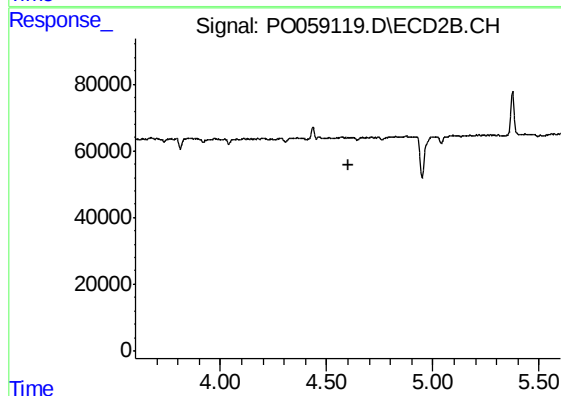
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 4.583 min
Response: 0
Conc: N.D.



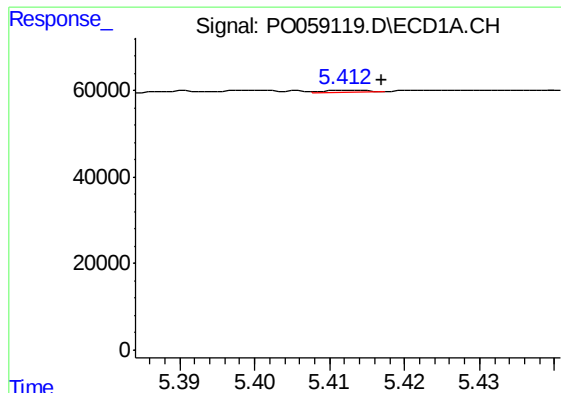
#4 AR-1016-2

R.T.: 5.400 min
Delta R.T.: 0.043 min
Response: 5857
Conc: 2.13 ng/ml



#4 AR-1016-2

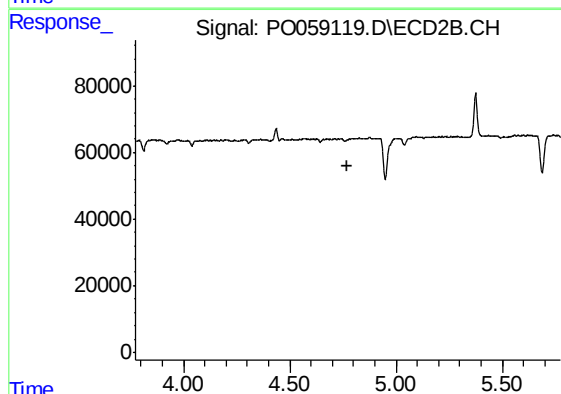
R.T.: 0.000 min
Exp R.T. : 4.601 min
Response: 0
Conc: N.D.



#5 AR-1016-3

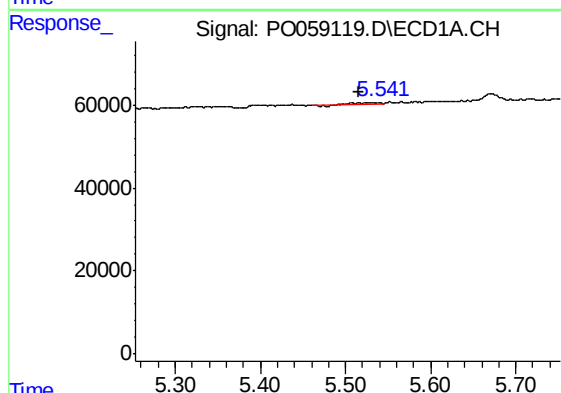
R.T.: 5.413 min
Delta R.T.: -0.004 min
Response: 2051
Conc: 1.21 ng/ml

Instrument :
ECD_O
ClientSampleId :
HPPER-4-080719-67



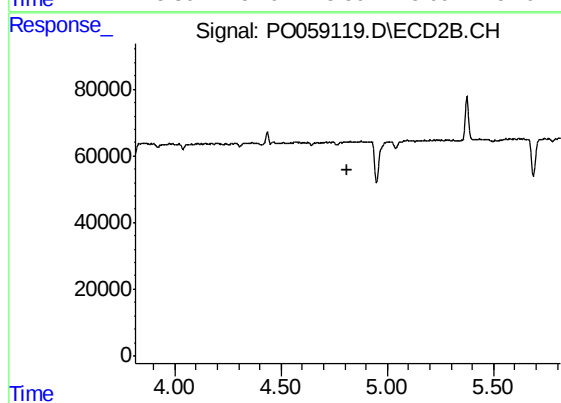
#5 AR-1016-3

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



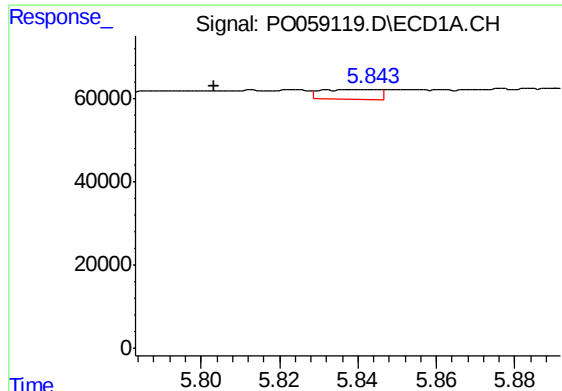
#6 AR-1016-4

R.T.: 5.525 min
Delta R.T.: 0.010 min
Response: 4742
Conc: 3.39 ng/ml



#6 AR-1016-4

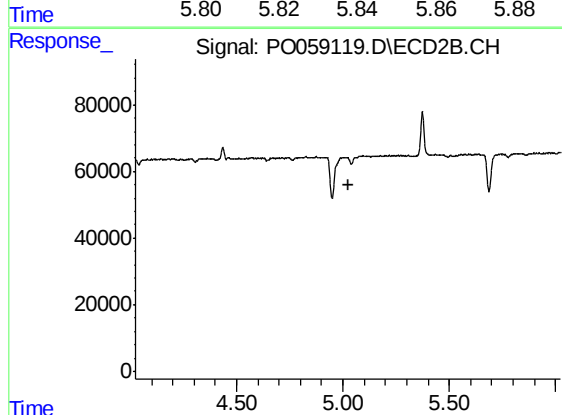
R.T.: 0.000 min
Exp R.T. : 4.815 min
Response: 0
Conc: N.D.



#7 AR-1016-5

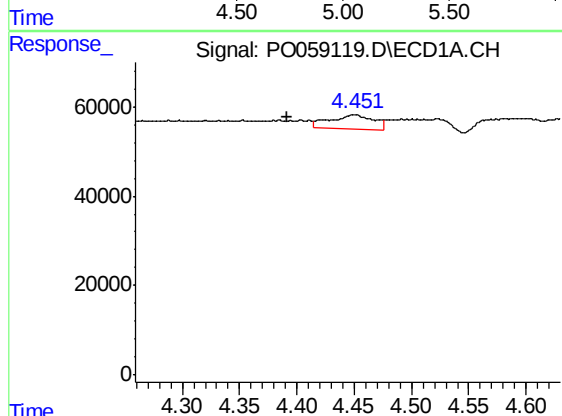
R.T.: 5.839 min
Delta R.T.: 0.035 min
Response: 24024
Conc: 16.77 ng/ml

Instrument :
ECD_O
ClientSampleId :
HPPER-4-080719-67



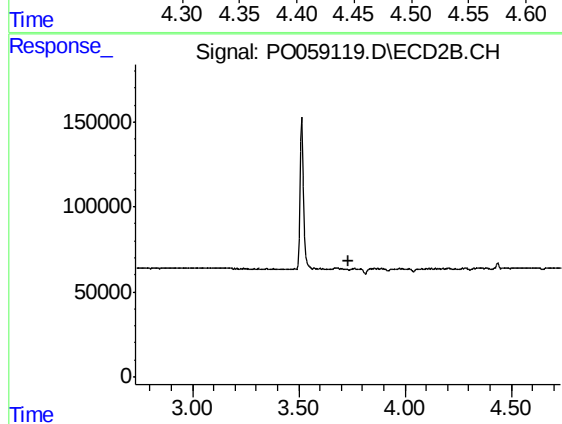
#7 AR-1016-5

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



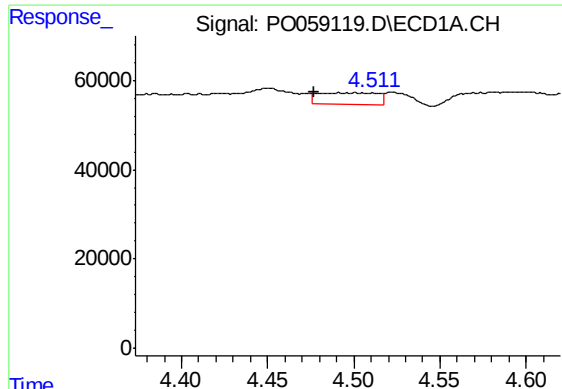
#8 AR-1221-1

R.T.: 4.451 min
Delta R.T.: 0.060 min
Response: 85454
Conc: 188.11 ng/ml



#8 AR-1221-1

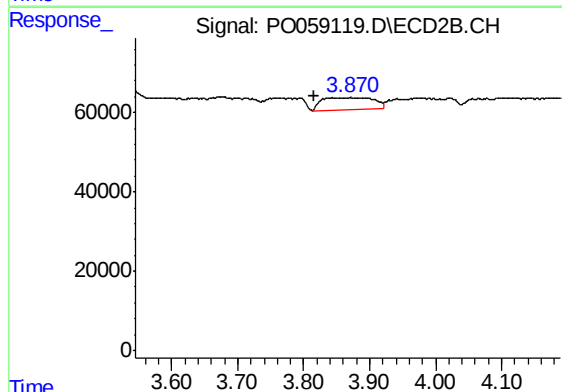
R.T.: 0.000 min
Exp R.T. : 3.732 min
Response: 0
Conc: N.D.



#9 AR-1221-2

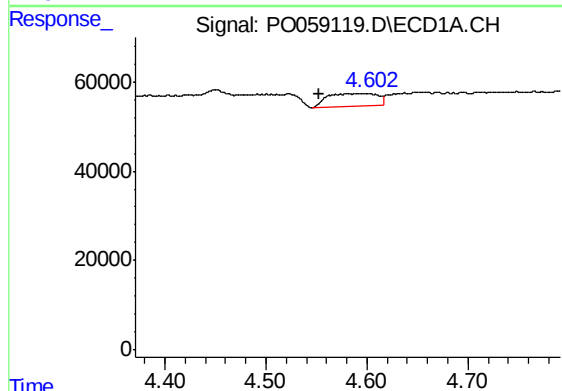
R.T.: 4.502 min
Delta R.T.: 0.024 min
Response: 62167
Conc: 180.31 ng/ml

Instrument :
ECD_O
ClientSampleId :
HPPER-4-080719-67



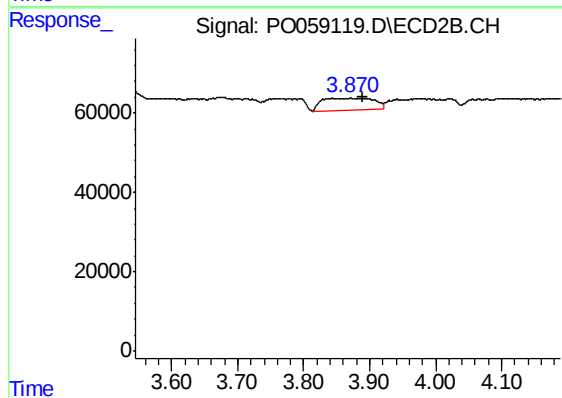
#9 AR-1221-2

R.T.: 3.870 min
Delta R.T.: 0.054 min
Response: 158164
Conc: 529.93 ng/ml



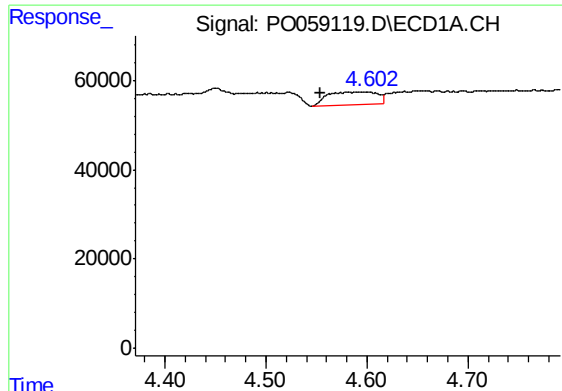
#10 AR-1221-3

R.T.: 4.602 min
Delta R.T.: 0.050 min
Response: 97890
Conc: 89.27 ng/ml



#10 AR-1221-3

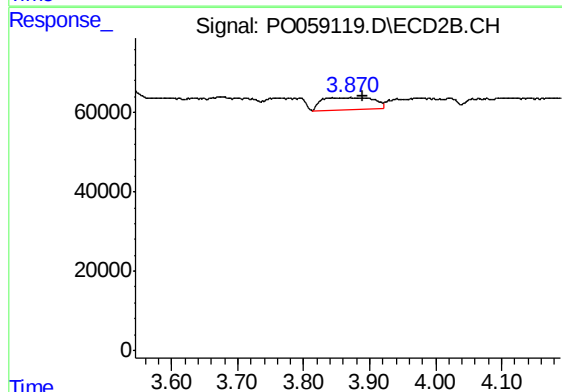
R.T.: 3.870 min
Delta R.T.: -0.019 min
Response: 158164
Conc: 165.34 ng/ml



#11 AR-1232-1

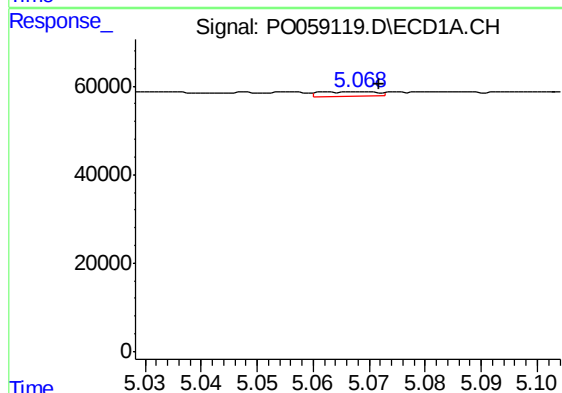
R.T.: 4.602 min
Delta R.T.: 0.049 min
Response: 97890
Conc: 108.43 ng/ml

Instrument :
ECD_O
ClientSampleId :
HPPER-4-080719-67



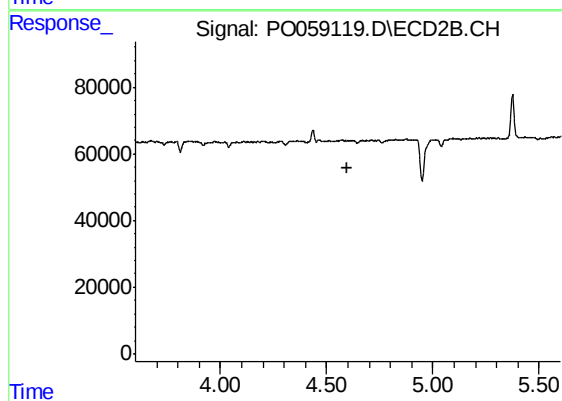
#11 AR-1232-1

R.T.: 3.870 min
Delta R.T.: -0.019 min
Response: 158164
Conc: 201.34 ng/ml



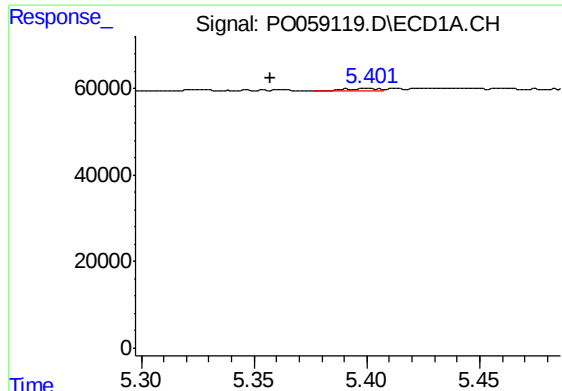
#12 AR-1232-2

R.T.: 5.069 min
Delta R.T.: -0.003 min
Response: 6708
Conc: 13.64 ng/ml



#12 AR-1232-2

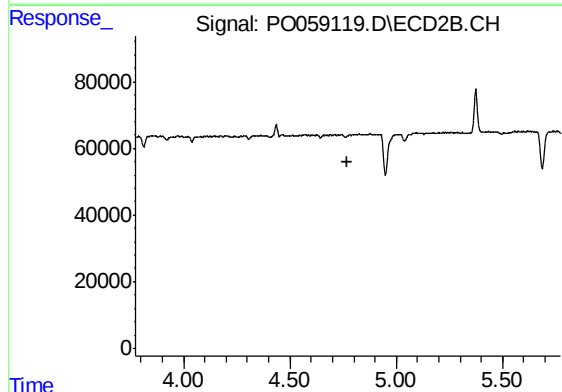
R.T.: 0.000 min
Exp R.T. : 4.600 min
Response: 0
Conc: N.D.



#13 AR-1232-3

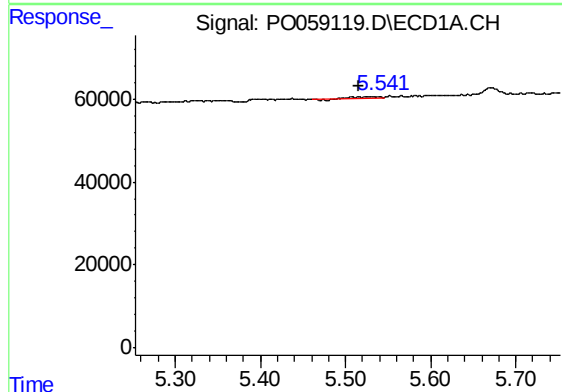
R.T.: 5.400 min
Delta R.T.: 0.043 min
Response: 5857
Conc: 5.47 ng/ml

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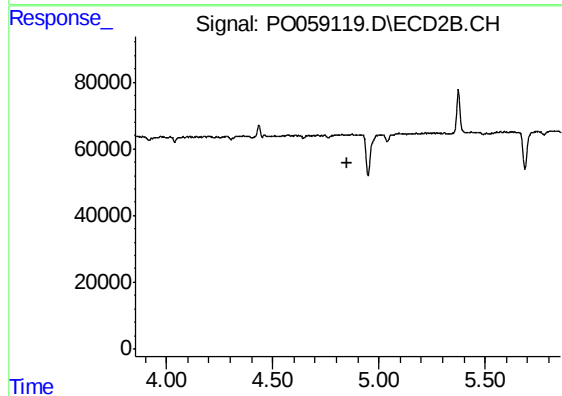
#13 AR-1232-3

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



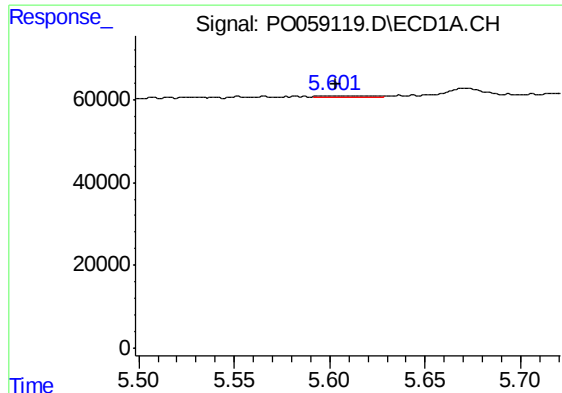
#14 AR-1232-4

R.T.: 5.525 min
Delta R.T.: 0.009 min
Response: 4742
Conc: 8.90 ng/ml



#14 AR-1232-4

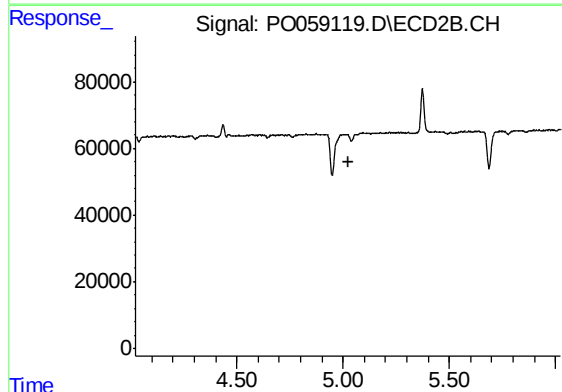
R.T.: 0.000 min
Exp R.T. : 4.854 min
Response: 0
Conc: N.D.



#15 AR-1232-5

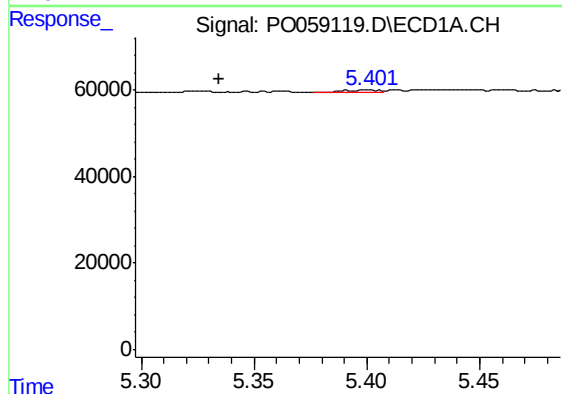
R.T.: 5.603 min
Delta R.T.: 0.000 min
Response: 5620
Conc: 13.77 ng/ml

Instrument :
ECD_O
ClientSampleId :
HPPER-4-080719-67



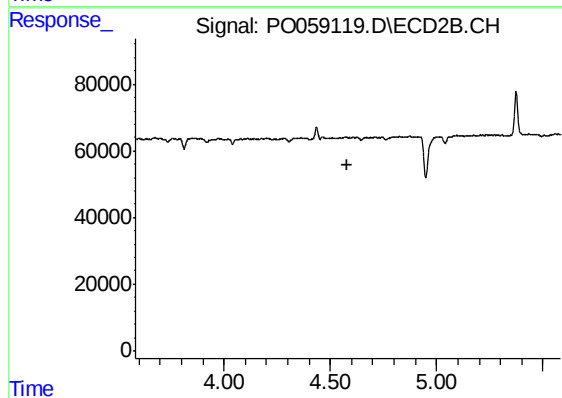
#15 AR-1232-5

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



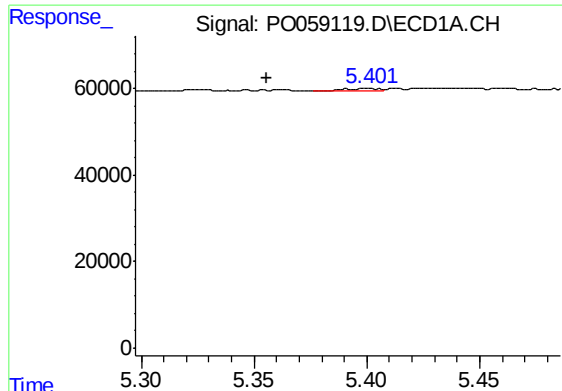
#16 AR-1242-1

R.T.: 5.400 min
Delta R.T.: 0.065 min
Response: 5857
Conc: 4.57 ng/ml



#16 AR-1242-1

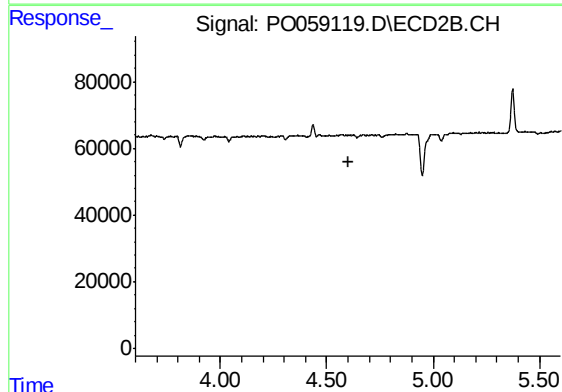
R.T.: 0.000 min
Exp R.T. : 4.583 min
Response: 0
Conc: N.D.



#17 AR-1242-2

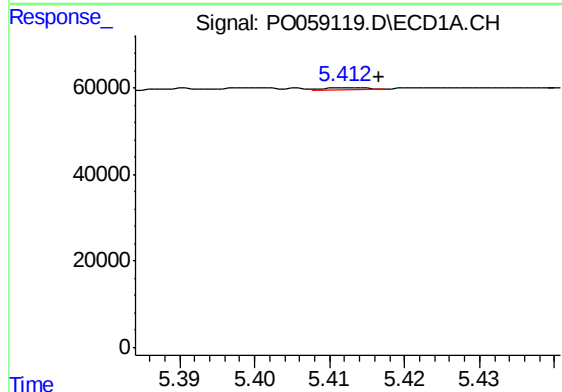
R.T.: 5.400 min
Delta R.T.: 0.044 min
Response: 5857
Conc: 3.10 ng/ml

Instrument :
ECD_O
ClientSampleId :
HPPER-4-080719-67



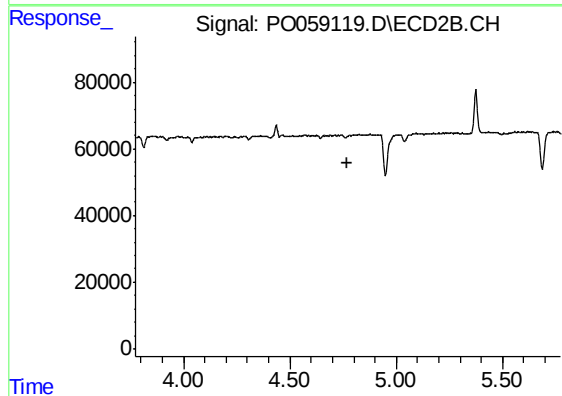
#17 AR-1242-2

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



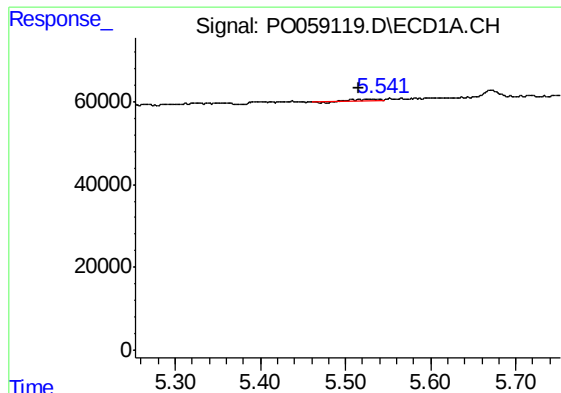
#18 AR-1242-3

R.T.: 5.413 min
Delta R.T.: -0.004 min
Response: 2051
Conc: 1.75 ng/ml



#18 AR-1242-3

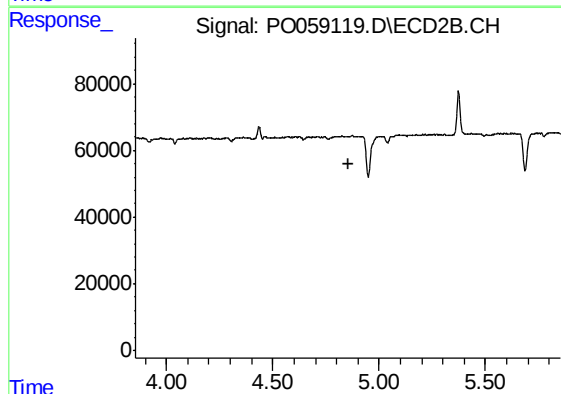
R.T.: 0.000 min
Exp R.T. : 4.773 min
Response: 0
Conc: N.D.



#19 AR-1242-4

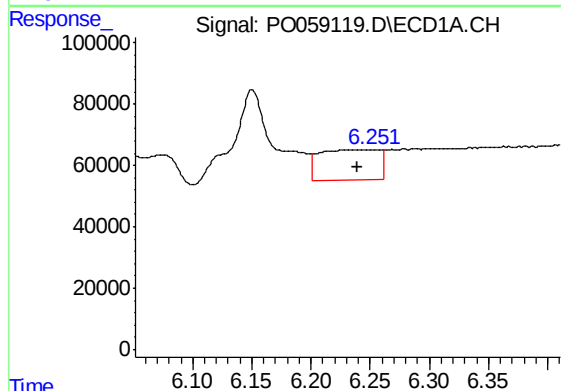
R.T.: 5.525 min
Delta R.T.: 0.010 min
Response: 4742
Conc: 4.93 ng/ml

Instrument :
ECD_O
ClientSampleId :
HPPER-4-080719-67



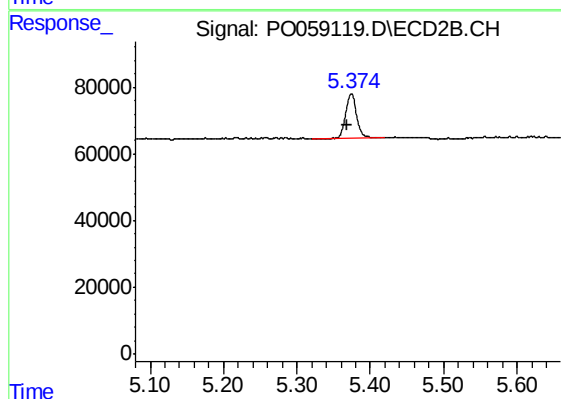
#19 AR-1242-4

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



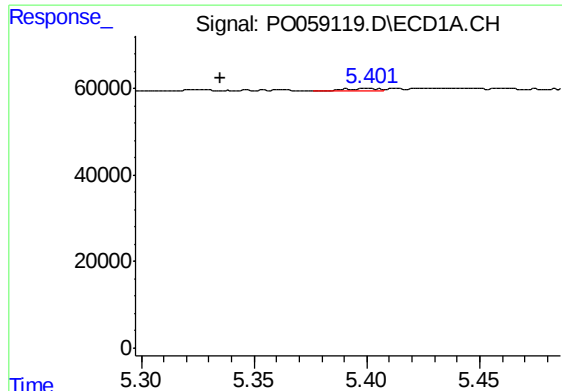
#20 AR-1242-5

R.T.: 6.229 min
Delta R.T.: -0.011 min
Response: 341780
Conc: 290.98 ng/ml



#20 AR-1242-5

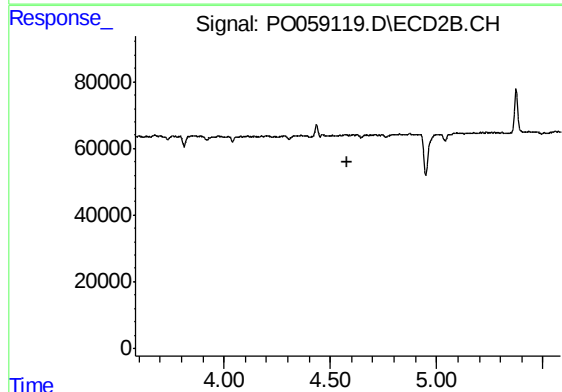
R.T.: 5.374 min
Delta R.T.: 0.006 min
Response: 139700
Conc: 130.23 ng/ml



#21 AR-1248-1

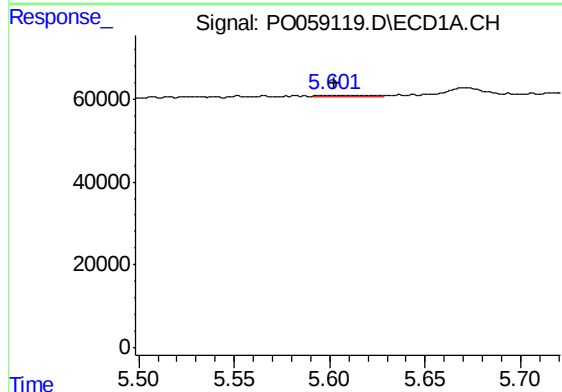
R.T.: 5.400 min
Delta R.T.: 0.064 min
Response: 5857
Conc: 5.79 ng/ml

Instrument :
ECD_O
ClientSampleId :
HPPER-4-080719-67



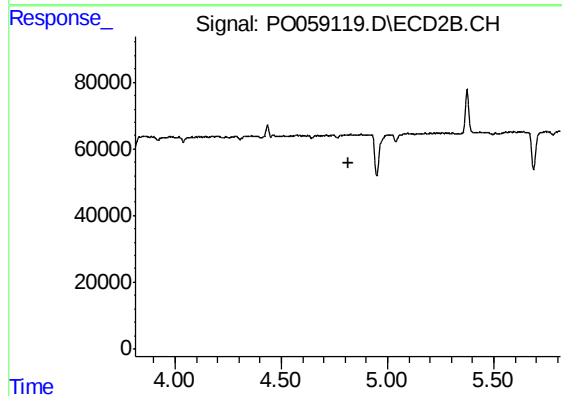
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 4.583 min
Response: 0
Conc: N.D.



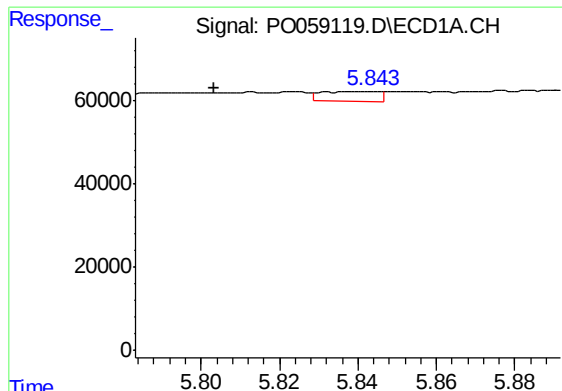
#22 AR-1248-2

R.T.: 5.603 min
Delta R.T.: 0.000 min
Response: 5620
Conc: 3.89 ng/ml



#22 AR-1248-2

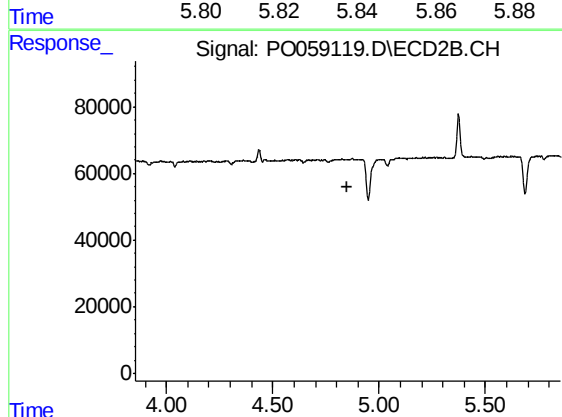
R.T.: 0.000 min
Exp R.T. : 4.814 min
Response: 0
Conc: N.D.



#23 AR-1248-3

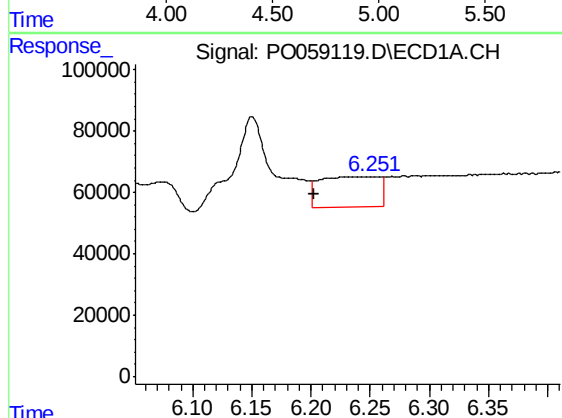
R.T.: 5.839 min
Delta R.T.: 0.035 min
Response: 24024
Conc: 14.63 ng/ml

Instrument :
ECD_O
ClientSampleId :
HPPER-4-080719-67



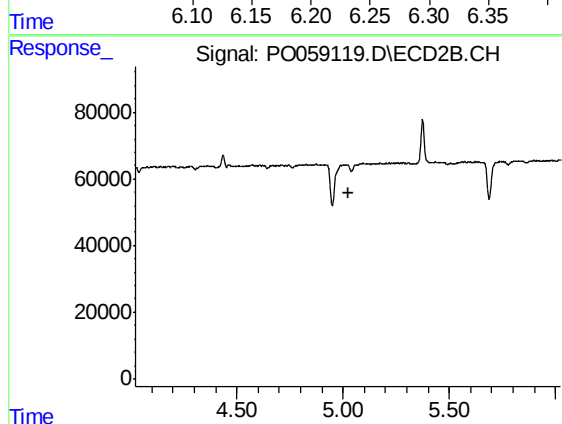
#23 AR-1248-3

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



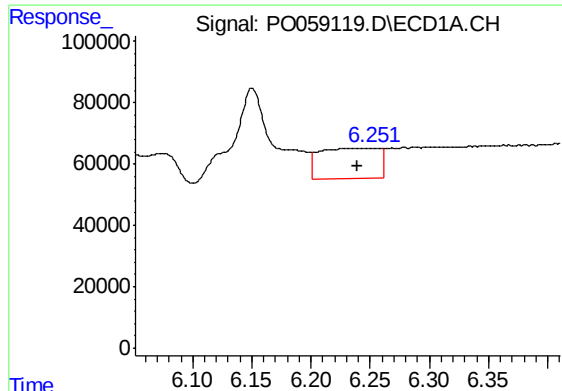
#24 AR-1248-4

R.T.: 6.229 min
Delta R.T.: 0.026 min
Response: 341780
Conc: 168.76 ng/ml



#24 AR-1248-4

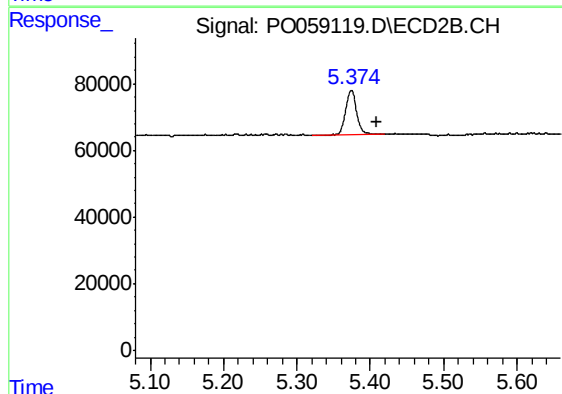
R.T.: 0.000 min
Exp R.T. : 5.023 min
Response: 0
Conc: N.D.



#25 AR-1248-5

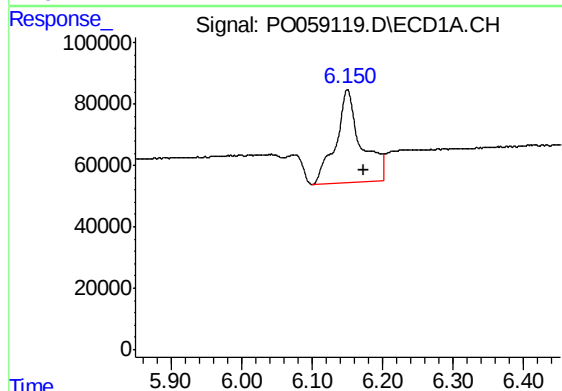
R.T.: 6.229 min
Delta R.T.: -0.011 min
Response: 341780
Conc: 177.06 ng/ml

Instrument :
ECD_O
ClientSampleId :
HPPER-4-080719-67



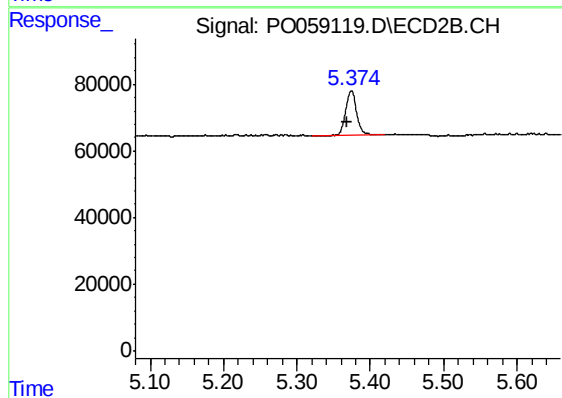
#25 AR-1248-5

R.T.: 5.374 min
Delta R.T.: -0.034 min
Response: 139700
Conc: 100.85 ng/ml



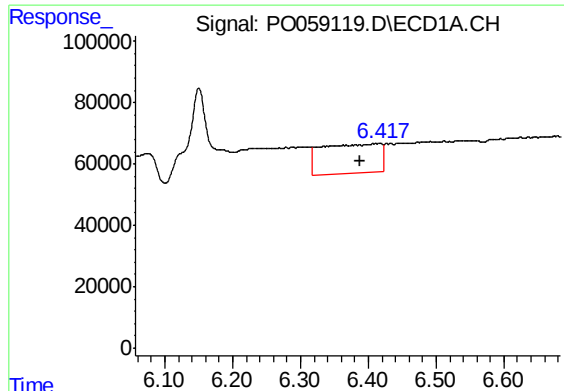
#26 AR-1254-1

R.T.: 6.150 min
Delta R.T.: -0.023 min
Response: 761046
Conc: 322.30 ng/ml



#26 AR-1254-1

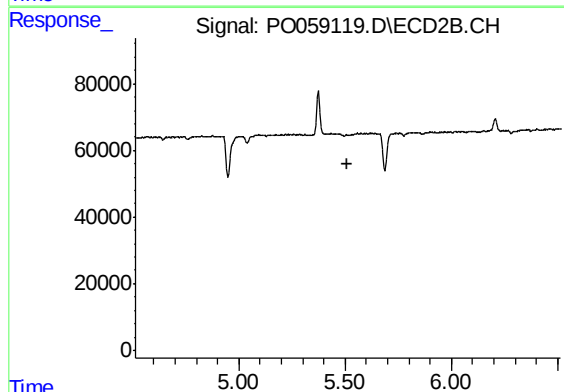
R.T.: 5.374 min
Delta R.T.: 0.006 min
Response: 139700
Conc: 53.93 ng/ml



#27 AR-1254-2

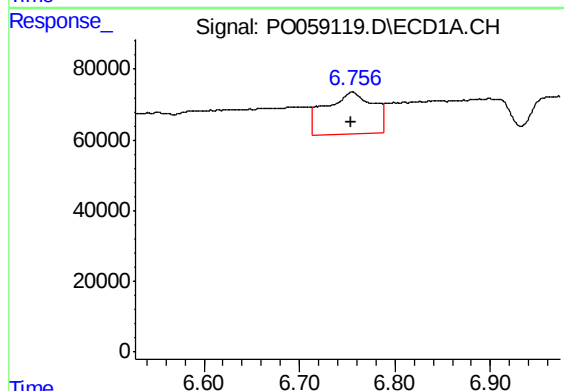
R.T.: 6.417 min
Delta R.T.: 0.029 min
Response: 568460
Conc: 147.50 ng/ml

Instrument :
ECD_O
ClientSampleId :
HPPER-4-080719-67



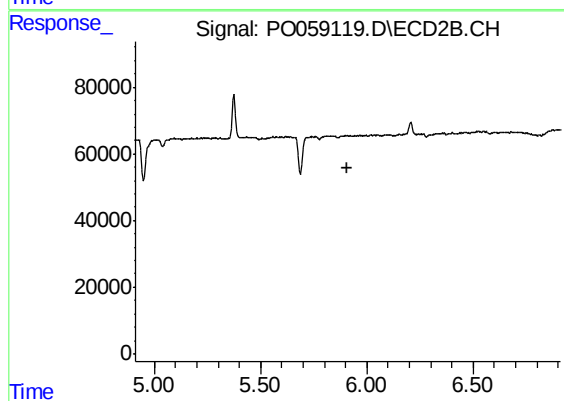
#27 AR-1254-2

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



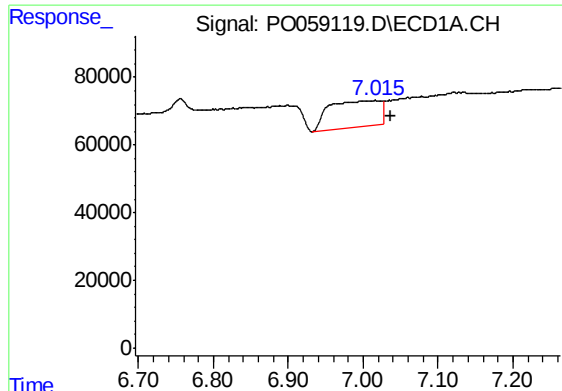
#28 AR-1254-3

R.T.: 6.756 min
Delta R.T.: 0.002 min
Response: 410880
Conc: 101.46 ng/ml



#28 AR-1254-3

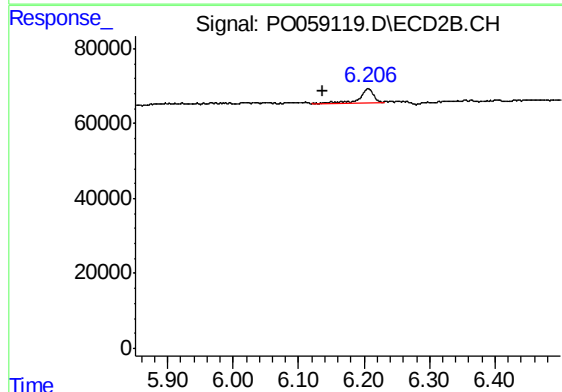
R.T.: 0.000 min
Exp R.T. : 5.911 min
Response: 0
Conc: N.D.



#29 AR-1254-4

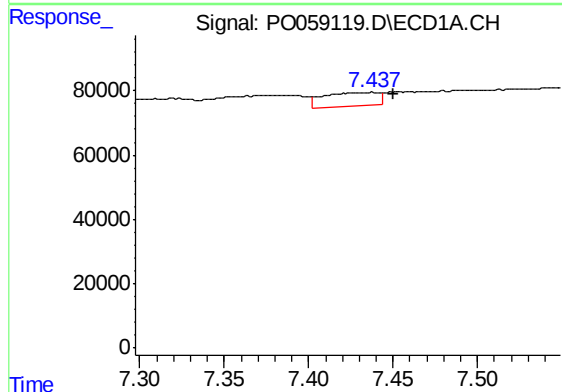
R.T.: 7.015 min
Delta R.T.: -0.021 min
Response: 373088
Conc: 103.62 ng/ml

Instrument :
ECD_O
ClientSampleId :
HPPER-4-080719-67



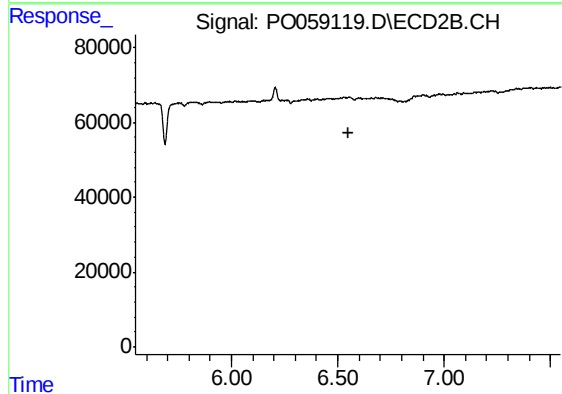
#29 AR-1254-4

R.T.: 6.206 min
Delta R.T.: 0.068 min
Response: 52268
Conc: 22.48 ng/ml



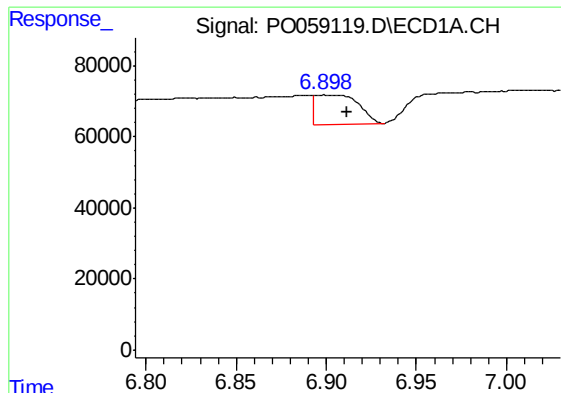
#30 AR-1254-5

R.T.: 7.438 min
Delta R.T.: -0.012 min
Response: 98654
Conc: 27.22 ng/ml



#30 AR-1254-5

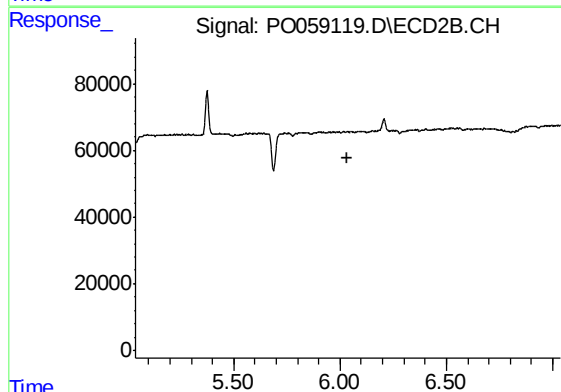
R.T.: 0.000 min
Exp R.T. : 6.548 min
Response: 0
Conc: N.D.



#31 AR-1260-1

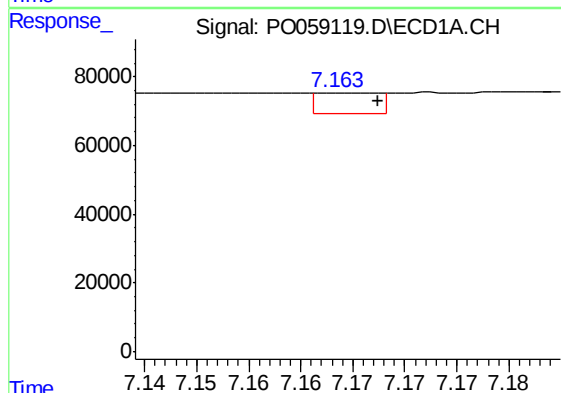
R.T.: 6.898 min
Delta R.T.: -0.014 min
Response: 138206
Conc: 48.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
HPPER-4-080719-67



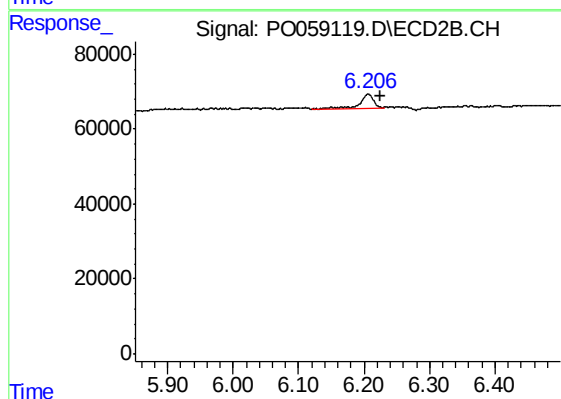
#31 AR-1260-1

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



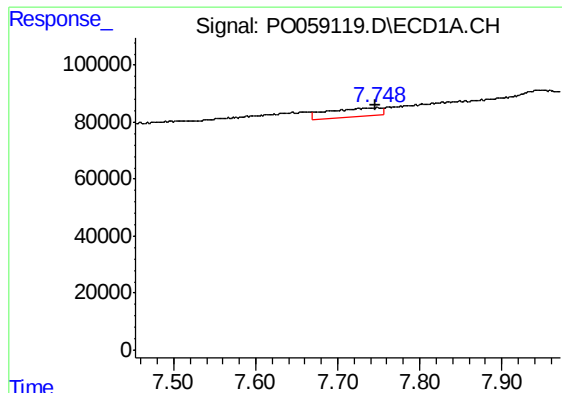
#32 AR-1260-2

R.T.: 7.164 min
Delta R.T.: -0.003 min
Response: 25805
Conc: 6.20 ng/ml



#32 AR-1260-2

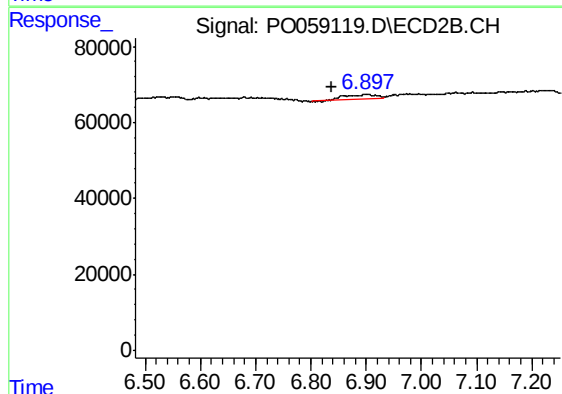
R.T.: 6.206 min
Delta R.T.: -0.018 min
Response: 52268
Conc: 17.25 ng/ml



#34 AR-1260-4

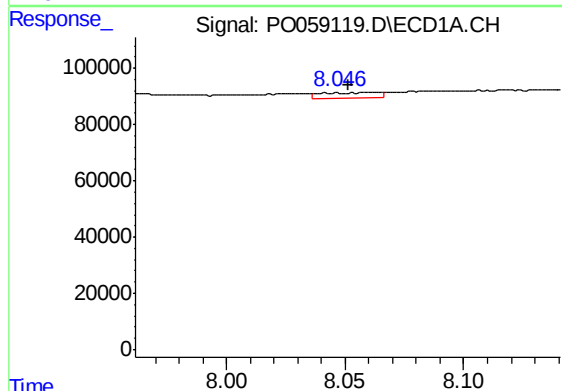
R.T.: 7.748 min
Delta R.T.: 0.002 min
Response: 136889
Conc: 40.17 ng/ml

Instrument :
ECD_O
ClientSampleId :
HPPER-4-080719-67



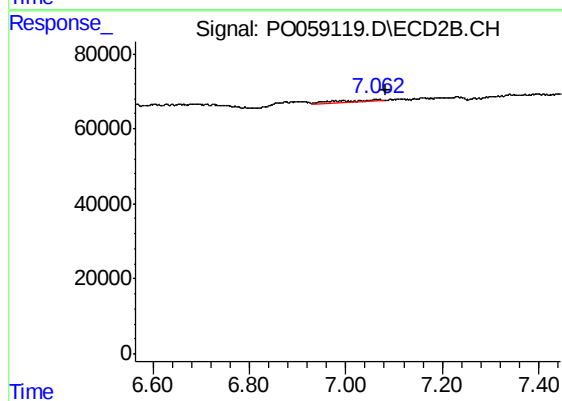
#34 AR-1260-4

R.T.: 6.900 min
Delta R.T.: 0.061 min
Response: 46302
Conc: 20.49 ng/ml



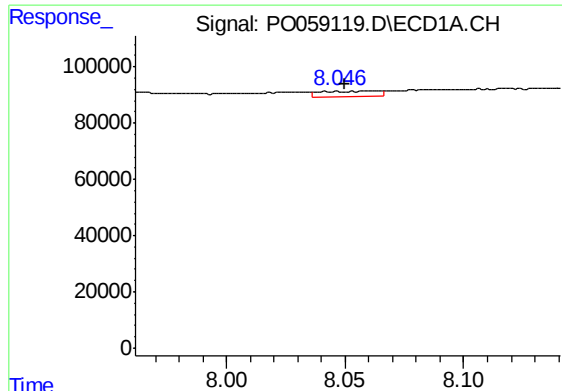
#35 AR-1260-5

R.T.: 8.060 min
Delta R.T.: 0.009 min
Response: 31803
Conc: 4.32 ng/ml



#35 AR-1260-5

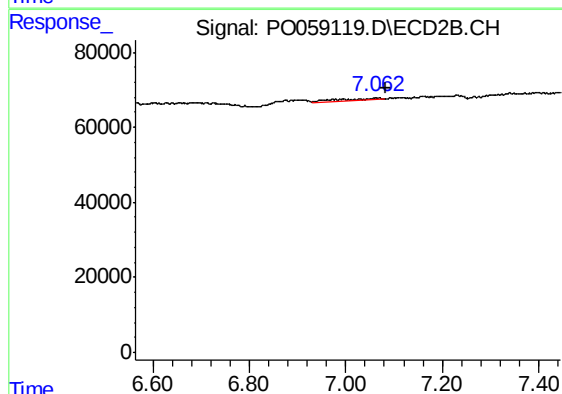
R.T.: 7.063 min
Delta R.T.: -0.019 min
Response: 39248
Conc: 7.29 ng/ml



#37 AR-1262-2

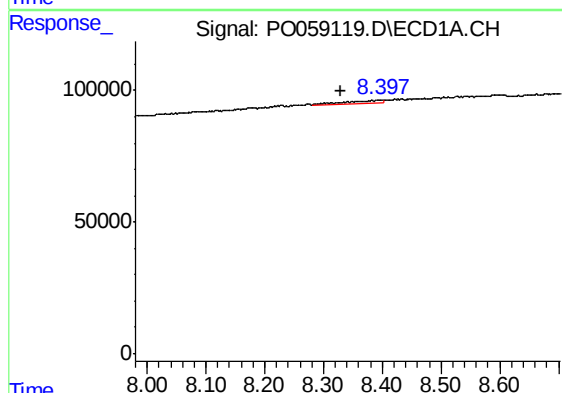
R.T.: 8.060 min
Delta R.T.: 0.010 min
Response: 31803
Conc: 4.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
HPPER-4-080719-67



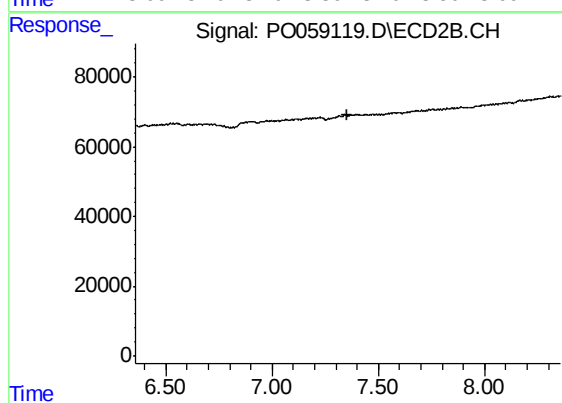
#37 AR-1262-2

R.T.: 7.063 min
Delta R.T.: -0.019 min
Response: 39248
Conc: 6.95 ng/ml



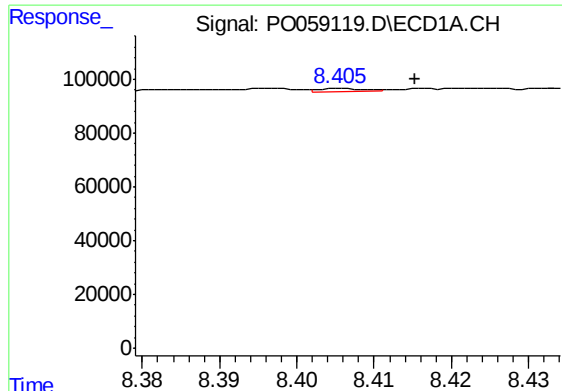
#38 AR-1262-3

R.T.: 8.397 min
Delta R.T.: 0.067 min
Response: 43220
Conc: 8.50 ng/ml



#38 AR-1262-3

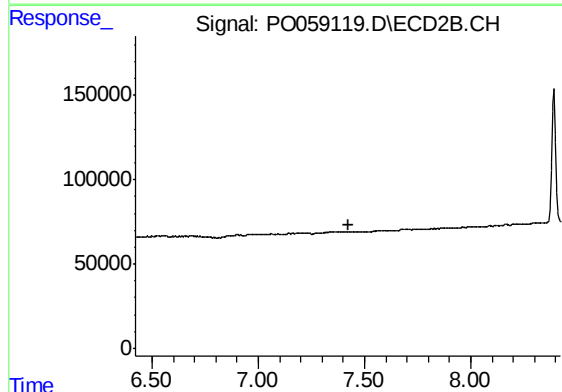
R.T.: 0.000 min
Exp R.T. : 7.357 min
Response: 0
Conc: N.D.



#39 AR-1262-4

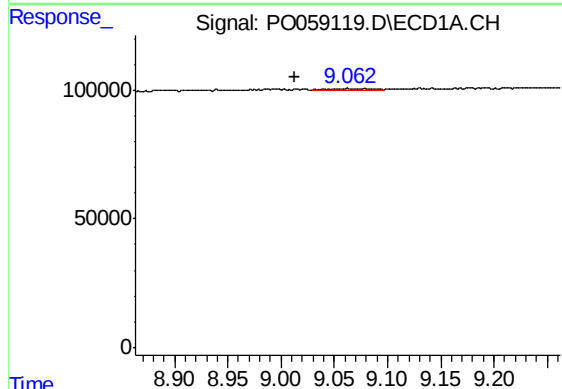
R.T.: 8.406 min
Delta R.T.: -0.009 min
Response: 4563
Conc: 1.20 ng/ml

Instrument :
ECD_O
ClientSampleId :
HPPER-4-080719-67



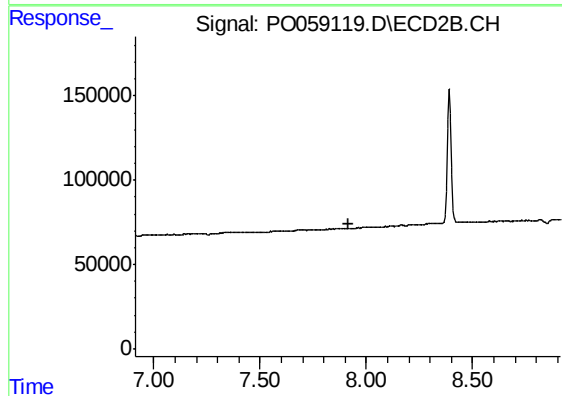
#39 AR-1262-4

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



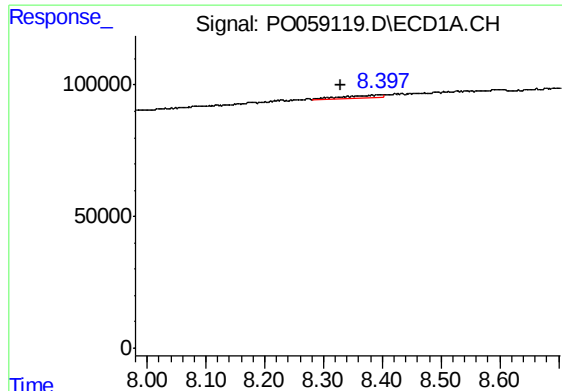
#40 AR-1262-5

R.T.: 9.063 min
Delta R.T.: 0.050 min
Response: 14971
Conc: 6.52 ng/ml



#40 AR-1262-5

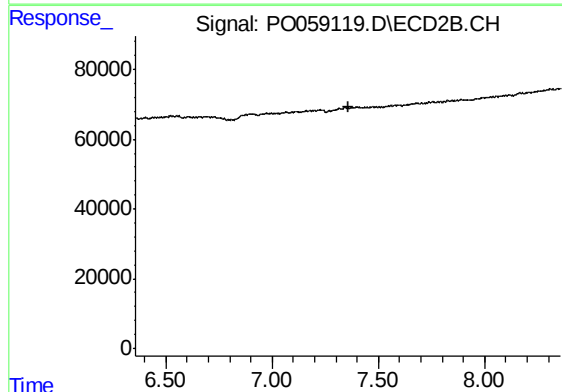
R.T.: 0.000 min
Exp R.T. : 7.914 min
Response: 0
Conc: N.D.



#41 AR-1268-1

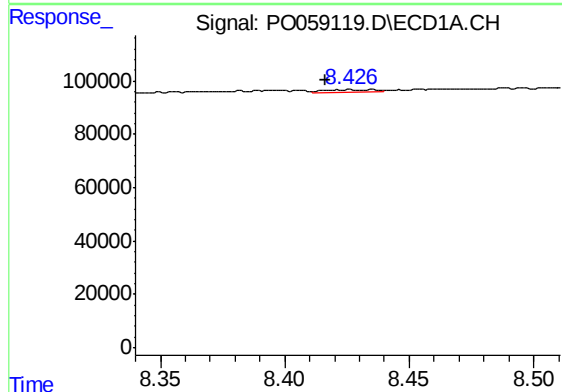
R.T.: 8.397 min
Delta R.T.: 0.067 min
Response: 43220
Conc: 3.87 ng/ml

Instrument :
ECD_O
ClientSampleId :
HPPER-4-080719-67



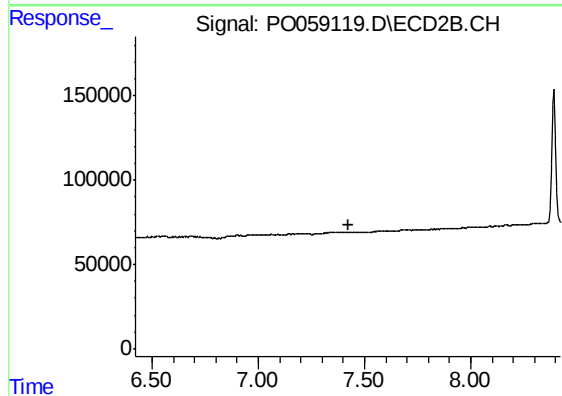
#41 AR-1268-1

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



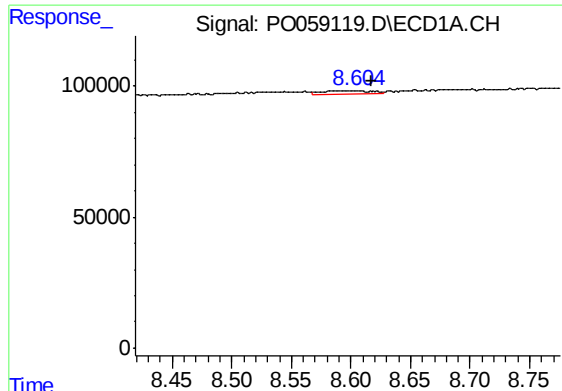
#42 AR-1268-2

R.T.: 8.426 min
Delta R.T.: 0.010 min
Response: 15104
Conc: 1.61 ng/ml



#42 AR-1268-2

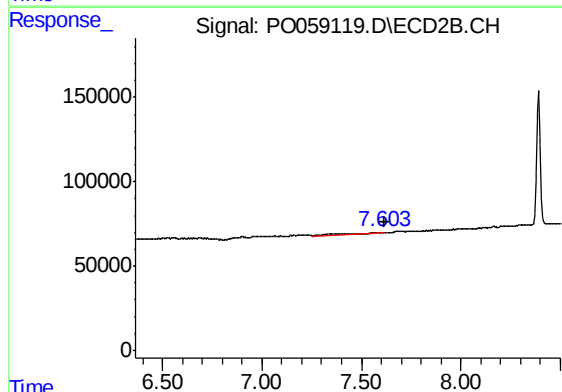
R.T.: 0.000 min
Exp R.T. : 7.422 min
Response: 0
Conc: N.D.



#43 AR-1268-3

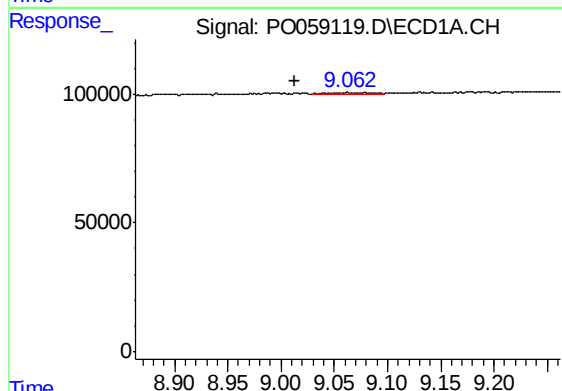
R.T.: 8.604 min
Delta R.T.: -0.012 min
Response: 37344
Conc: 4.52 ng/ml

Instrument :
ECD_O
ClientSampleId :
HPPER-4-080719-67



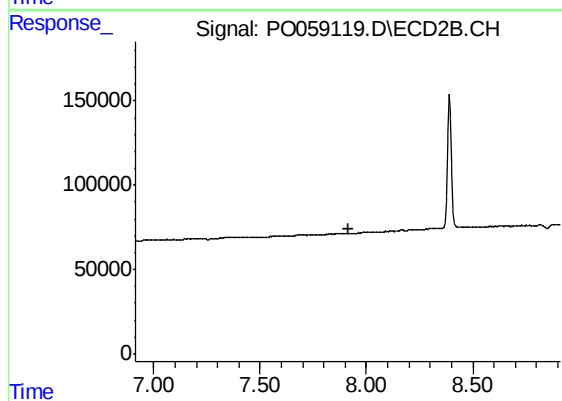
#43 AR-1268-3

R.T.: 7.577 min
Delta R.T.: -0.042 min
Response: 94022
Conc: 14.71 ng/ml



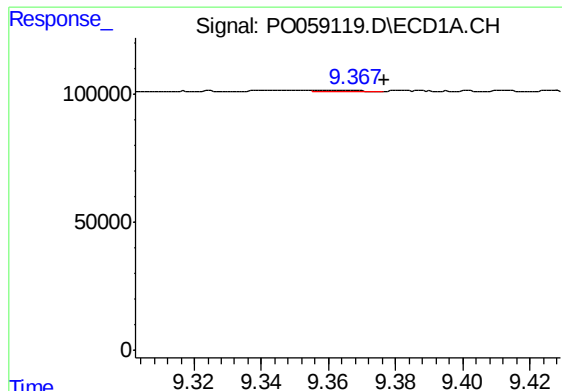
#44 AR-1268-4

R.T.: 9.063 min
Delta R.T.: 0.050 min
Response: 14971
Conc: 5.01 ng/ml



#44 AR-1268-4

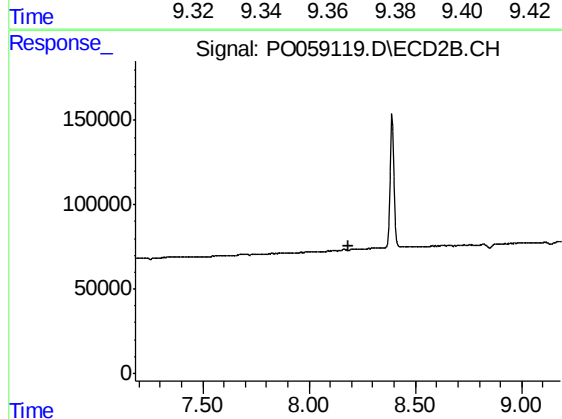
R.T.: 0.000 min
Exp R.T. : 7.913 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.366 min
Delta R.T.: -0.010 min
Response: 7284
Conc: 0.34 ng/ml

Instrument :
ECD_O
ClientSampleId :
HPPER-4-080719-67



#45 AR-1268-5

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