

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0081319\
 Data File : P0059242.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 13 Aug 2019 13:33
 Operator : SM/SJ
 Sample : K3591-01
 Misc : AR1221 LOD 25 PPB
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 TR-04-081219

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 13 14:29:09 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...	4.147	3.511	881654	763192	20.891	19.104
2)	SA Decachlor...	9.647	8.387	1443061	977492	26.647	24.764
Target Compounds							
3)	L1 AR-1016-1	5.324	0.000	13127	0	7.005	N.D. #
4)	L1 AR-1016-2	5.386	0.000	14113	0	5.129	N.D. #
5)	L1 AR-1016-3	5.386	0.000	14113	0	8.312	N.D. #
6)	L1 AR-1016-4	5.485	0.000	9113	0	6.513	N.D. #
8)	L2 AR-1221-1	4.359	3.717	35986	25111	79.219	62.336
9)	L2 AR-1221-2	4.445	3.802	35379	25859	102.613	86.639
10)	L2 AR-1221-3	4.520	3.875	87962	63803	80.214	66.698
11)	L3 AR-1232-1	4.520	3.875	87962	63803	97.431	81.220
12)	L3 AR-1232-2	5.084	0.000	1923	0	3.910	N.D. #
13)	L3 AR-1232-3	5.386	0.000	14113	0	13.181	N.D. #
14)	L3 AR-1232-4	5.485	0.000	9113	0	17.094	N.D. #
15)	L3 AR-1232-5	5.612	0.000	3182	0	7.798	N.D. #
16)	L4 AR-1242-1	5.324	0.000	13127	0	10.251	N.D. #
17)	L4 AR-1242-2	5.386	0.000	14113	0	7.461	N.D. #
18)	L4 AR-1242-3	5.386	0.000	14113	0	12.031	N.D. #
19)	L4 AR-1242-4	5.485	0.000	9113	0	9.483	N.D. #
20)	L4 AR-1242-5	6.294	0.000	8812	0	7.503	N.D. #
21)	L5 AR-1248-1	5.324	0.000	13127	0	12.985	N.D. #
22)	L5 AR-1248-2	5.612	0.000	3182	0	2.201	N.D. #
24)	L5 AR-1248-4	6.178	0.000	2676	0	1.321	N.D. #
25)	L5 AR-1248-5	6.294	0.000	8812	0	4.565	N.D. #
26)	L6 AR-1254-1	6.178	0.000	2676	0	1.133	N.D. #
27)	L6 AR-1254-2	6.362	0.000	5772	0	1.498	N.D. #
28)	L6 AR-1254-3	6.757	0.000	15249	0	3.766	N.D. #
29)	L6 AR-1254-4	7.035	0.000	9363	0	2.600	N.D. #
30)	L6 AR-1254-5	7.449	0.000	18165	0	5.011	N.D. #
31)	L7 AR-1260-1	6.860	0.000	8506	0	2.954	N.D. #
32)	L7 AR-1260-2	7.188	0.000	3380	0	0.813	N.D. #
33)	L7 AR-1260-3	7.502	0.000	2305	0	0.619	N.D. #
34)	L7 AR-1260-4	7.793	0.000	26047	0	7.643	N.D. #
35)	L7 AR-1260-5	8.028	0.000	128741	0	17.504	N.D. #
36)	L8 AR-1262-1	7.502	0.000	2305	0	0.457	N.D. #
37)	L8 AR-1262-2	8.028	0.000	128741	0	16.175	N.D. #
38)	L8 AR-1262-3	8.316	0.000	2474	0	0.487	N.D. #
39)	L8 AR-1262-4	8.391	0.000	5411	0	1.428	N.D. #
40)	L8 AR-1262-5	8.993	0.000	5746	0	2.501	N.D. #
41)	L9 AR-1268-1	8.316	0.000	2474	0	0.222	N.D. #
42)	L9 AR-1268-2	8.391	0.000	5411	0	0.576	N.D. #
43)	L9 AR-1268-3	8.615	7.595	13501	16124	1.635	2.523 #
44)	L9 AR-1268-4	8.993	0.000	5746	0	1.922	N.D. #

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 Acq On : 13 Aug 2019 13:33
 Operator : SM/SJ
 Sample : K3591-01
 Misc : AR1221 LOD 25 PPB
 ALS Vial : 10 Sample Multiplier: 1

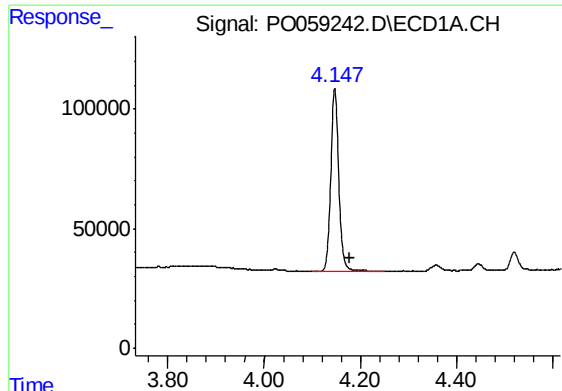
Instrument :
 ECD_O
 ClientSampleId :
 TR-04-081219

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 13 14:29:09 2019
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 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
45) L9	AR-1268-5	9.387	0.000	1817	0	0.085	N.D.	#

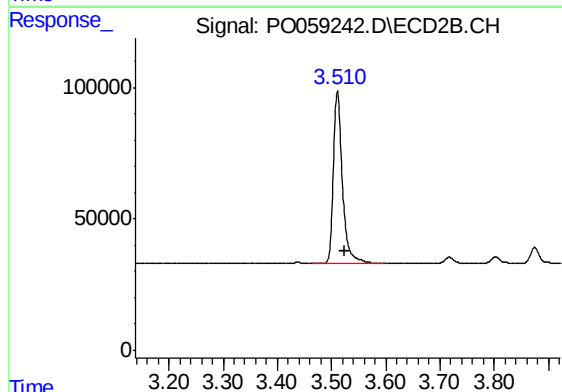
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

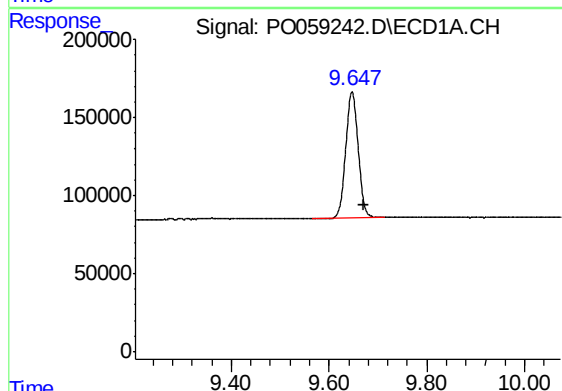
R.T.: 4.147 min
Delta R.T.: -0.032 min
Response: 881654
Conc: 20.89 ng/ml

Instrument :
ECD_O
ClientSampleId :
TR-04-081219



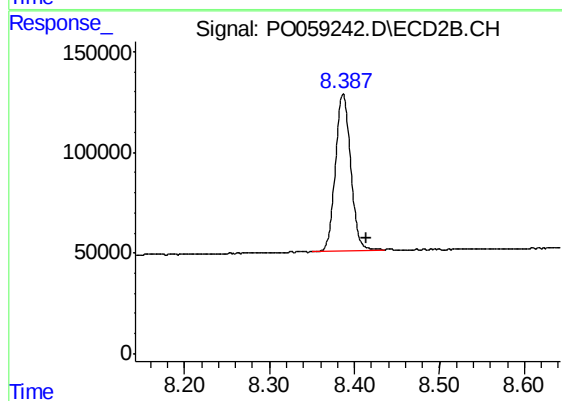
#1 Tetrachloro-m-xylene

R.T.: 3.511 min
Delta R.T.: -0.014 min
Response: 763192
Conc: 19.10 ng/ml



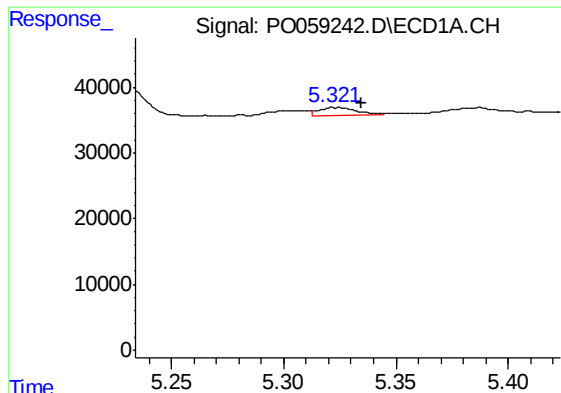
#2 Decachlorobiphenyl

R.T.: 9.647 min
Delta R.T.: -0.026 min
Response: 1443061
Conc: 26.65 ng/ml



#2 Decachlorobiphenyl

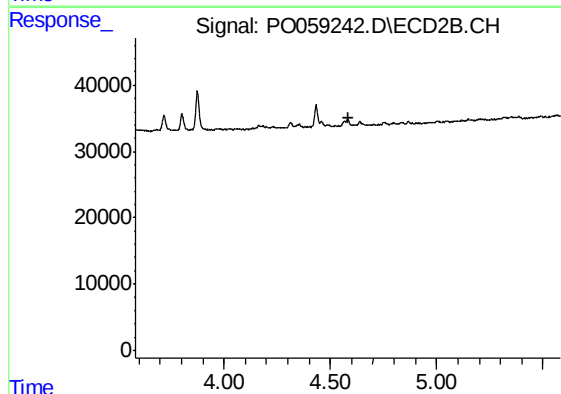
R.T.: 8.387 min
Delta R.T.: -0.027 min
Response: 977492
Conc: 24.76 ng/ml



#3 AR-1016-1

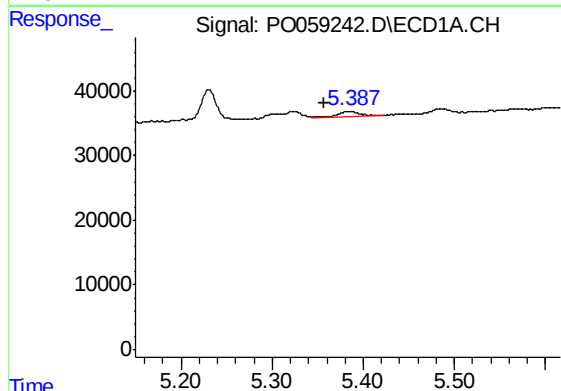
R.T.: 5.324 min
Delta R.T.: -0.011 min
Response: 13127
Conc: 7.01 ng/ml

Instrument :
ECD_O
ClientSampleId :
TR-04-081219



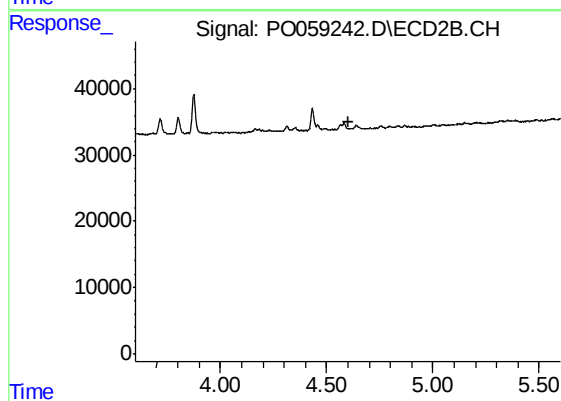
#3 AR-1016-1

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



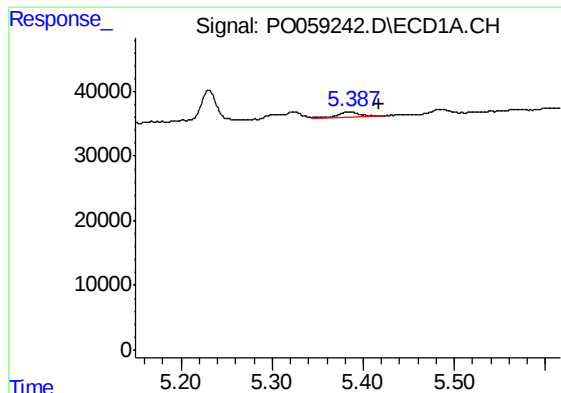
#4 AR-1016-2

R.T.: 5.386 min
Delta R.T.: 0.030 min
Response: 14113
Conc: 5.13 ng/ml



#4 AR-1016-2

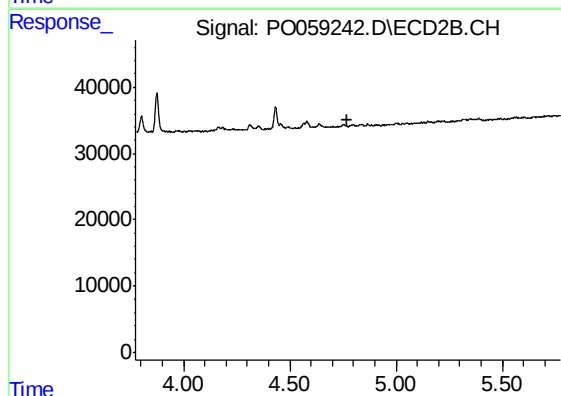
R.T.: 0.000 min
Exp R.T. : 4.601 min
Response: 0
Conc: N.D.



#5 AR-1016-3

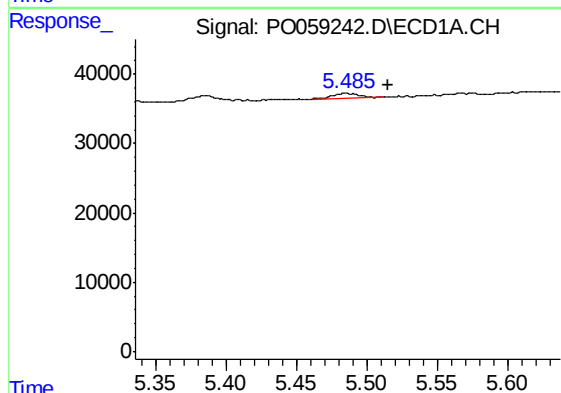
R.T.: 5.386 min
Delta R.T.: -0.031 min
Response: 14113
Conc: 8.31 ng/ml

Instrument :
ECD_O
ClientSampleId :
TR-04-081219



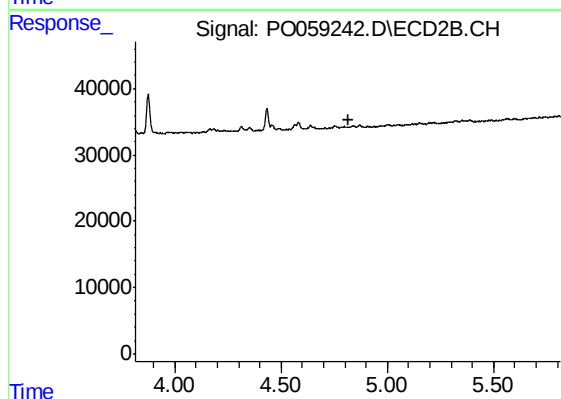
#5 AR-1016-3

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



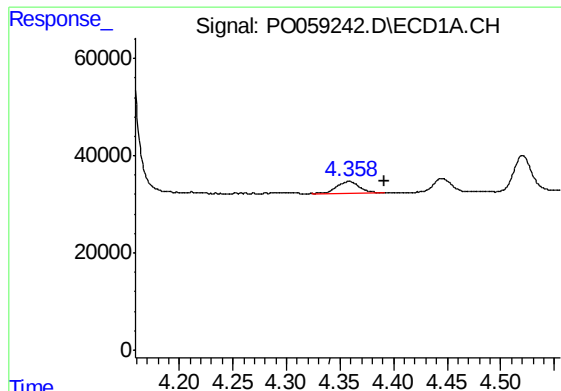
#6 AR-1016-4

R.T.: 5.485 min
Delta R.T.: -0.030 min
Response: 9113
Conc: 6.51 ng/ml



#6 AR-1016-4

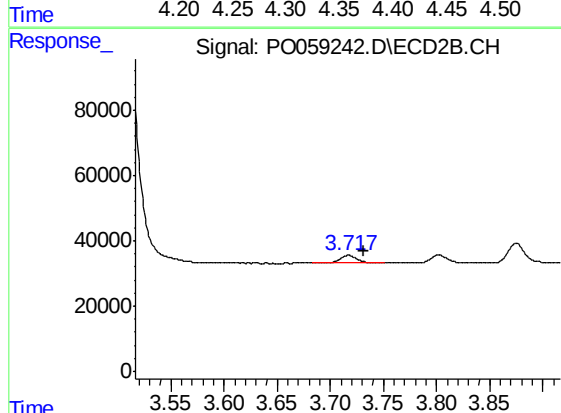
R.T.: 0.000 min
Exp R.T. : 4.815 min
Response: 0
Conc: N.D.



#8 AR-1221-1

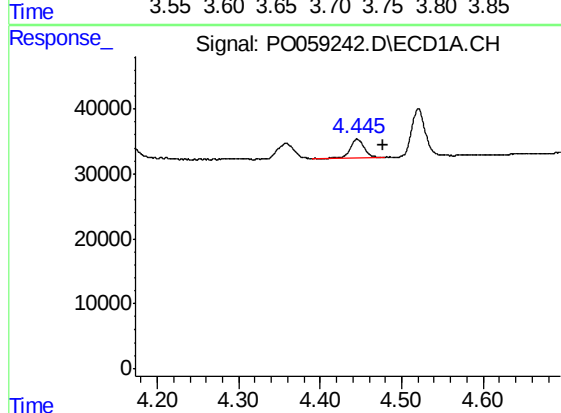
R.T.: 4.359 min
Delta R.T.: -0.033 min
Response: 35986
Conc: 79.22 ng/ml

Instrument :
ECD_O
ClientSampleId :
TR-04-081219



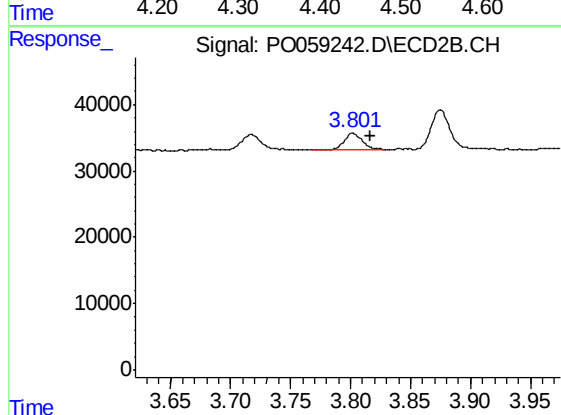
#8 AR-1221-1

R.T.: 3.717 min
Delta R.T.: -0.014 min
Response: 25111
Conc: 62.34 ng/ml



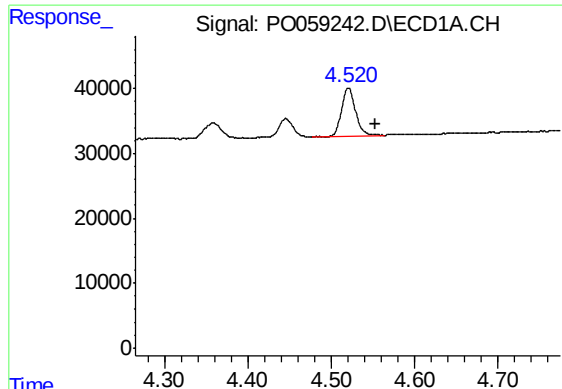
#9 AR-1221-2

R.T.: 4.445 min
Delta R.T.: -0.032 min
Response: 35379
Conc: 102.61 ng/ml



#9 AR-1221-2

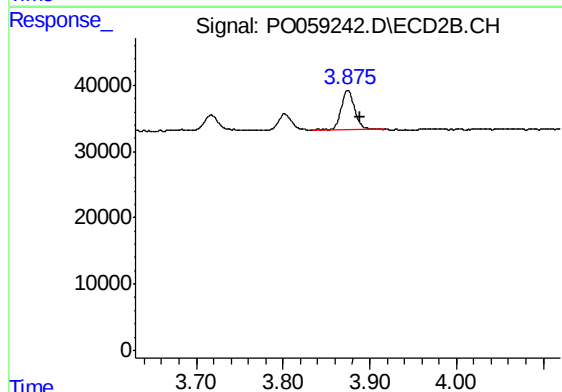
R.T.: 3.802 min
Delta R.T.: -0.014 min
Response: 25859
Conc: 86.64 ng/ml



#10 AR-1221-3

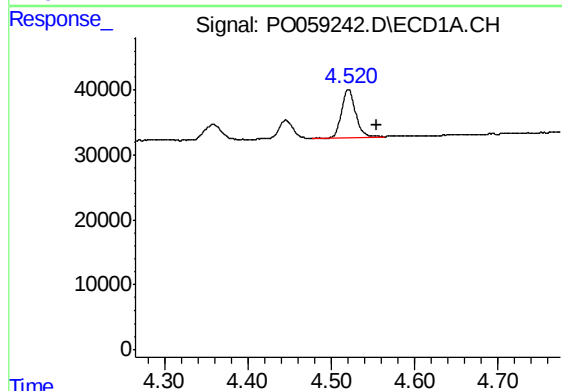
R.T.: 4.520 min
Delta R.T.: -0.032 min
Response: 87962
Conc: 80.21 ng/ml

Instrument :
ECD_O
ClientSampleId :
TR-04-081219



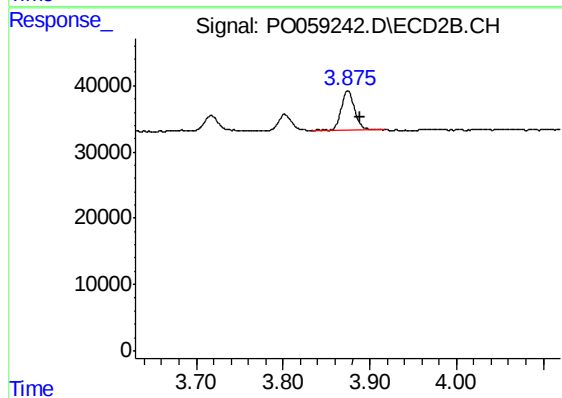
#10 AR-1221-3

R.T.: 3.875 min
Delta R.T.: -0.014 min
Response: 63803
Conc: 66.70 ng/ml



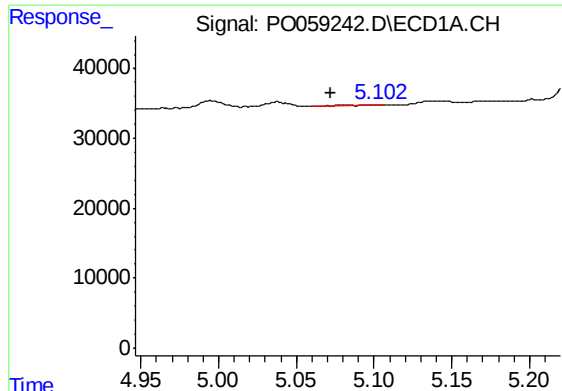
#11 AR-1232-1

R.T.: 4.520 min
Delta R.T.: -0.033 min
Response: 87962
Conc: 97.43 ng/ml



#11 AR-1232-1

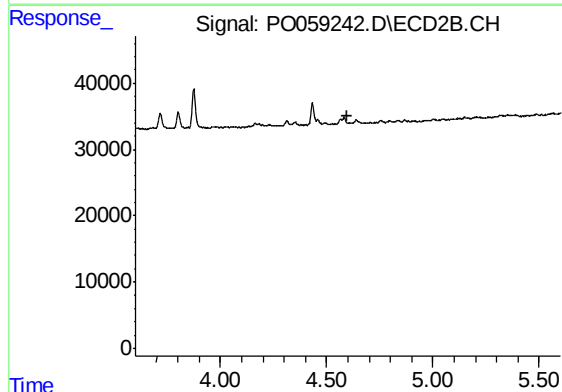
R.T.: 3.875 min
Delta R.T.: -0.014 min
Response: 63803
Conc: 81.22 ng/ml



#12 AR-1232-2

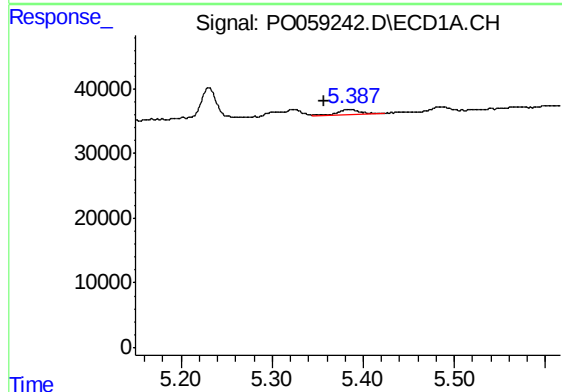
R.T.: 5.084 min
Delta R.T.: 0.012 min
Response: 1923
Conc: 3.91 ng/ml

Instrument :
ECD_O
ClientSampleId :
TR-04-081219



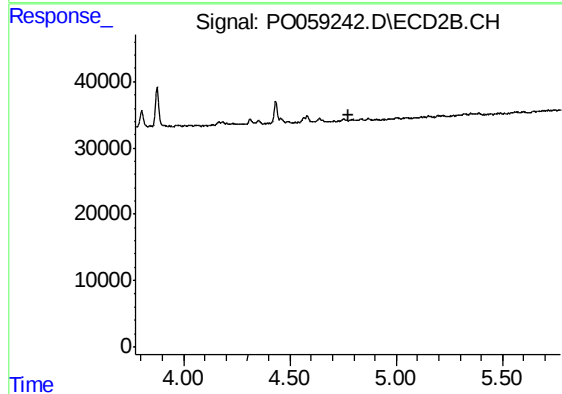
#12 AR-1232-2

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



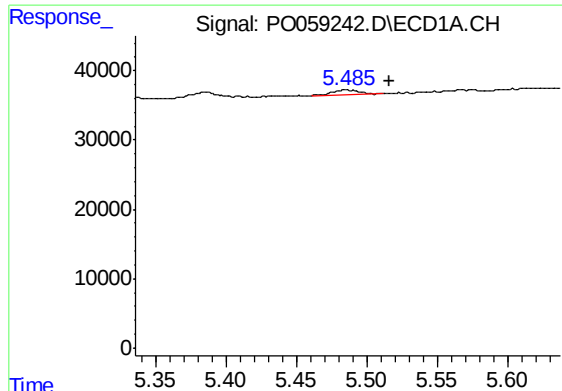
#13 AR-1232-3

R.T.: 5.386 min
Delta R.T.: 0.029 min
Response: 14113
Conc: 13.18 ng/ml



#13 AR-1232-3

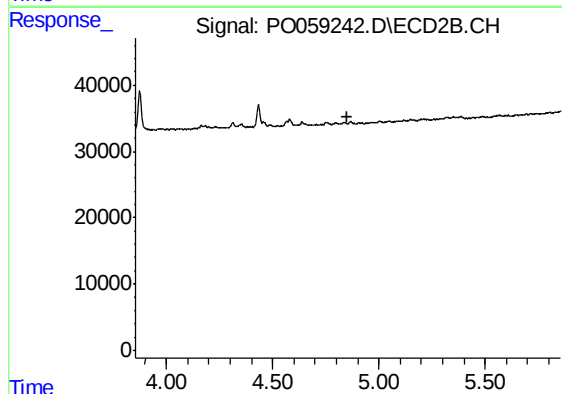
R.T.: 0.000 min
Exp R.T. : 4.773 min
Response: 0
Conc: N.D.



#14 AR-1232-4

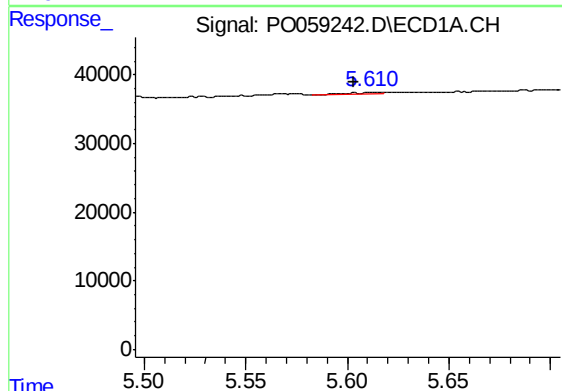
R.T.: 5.485 min
Delta R.T.: -0.031 min
Response: 9113
Conc: 17.09 ng/ml

Instrument :
ECD_O
ClientSampleId :
TR-04-081219



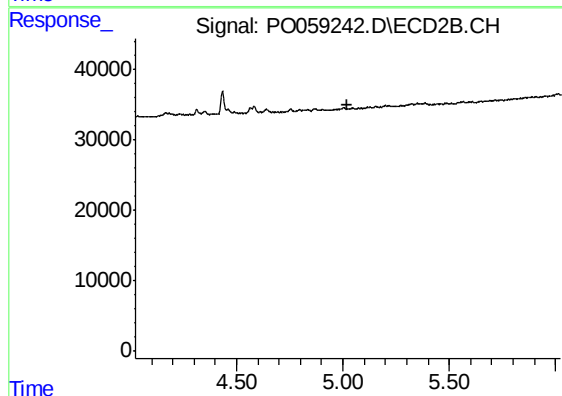
#14 AR-1232-4

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



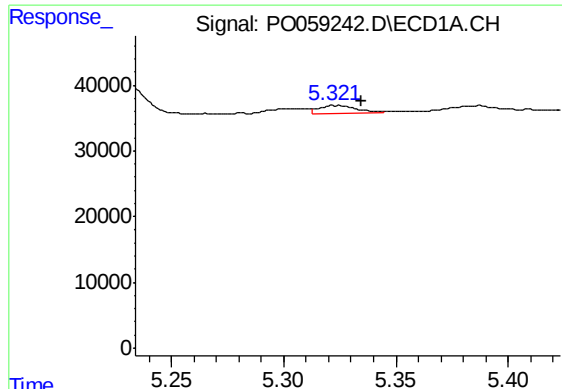
#15 AR-1232-5

R.T.: 5.612 min
Delta R.T.: 0.008 min
Response: 3182
Conc: 7.80 ng/ml



#15 AR-1232-5

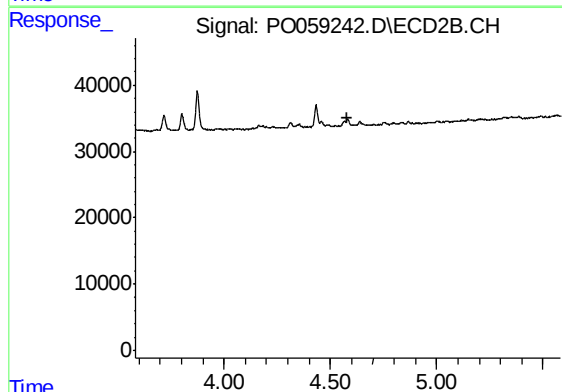
R.T.: 0.000 min
Exp R.T. : 5.023 min
Response: 0
Conc: N.D.



#16 AR-1242-1

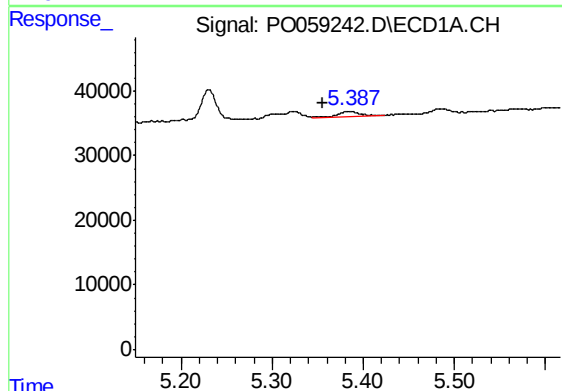
R.T.: 5.324 min
Delta R.T.: -0.011 min
Response: 13127
Conc: 10.25 ng/ml

Instrument :
ECD_O
ClientSampleId :
TR-04-081219



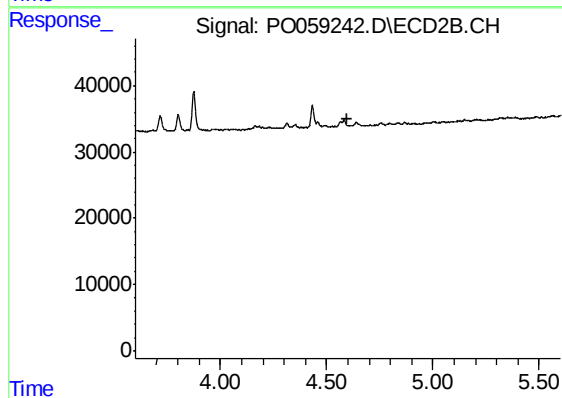
#16 AR-1242-1

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



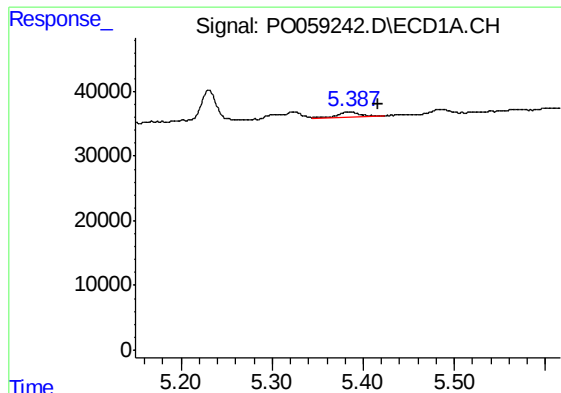
#17 AR-1242-2

R.T.: 5.386 min
Delta R.T.: 0.031 min
Response: 14113
Conc: 7.46 ng/ml



#17 AR-1242-2

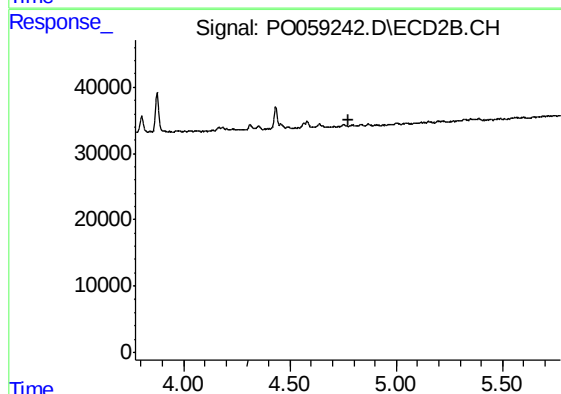
R.T.: 0.000 min
Exp R.T. : 4.600 min
Response: 0
Conc: N.D.



#18 AR-1242-3

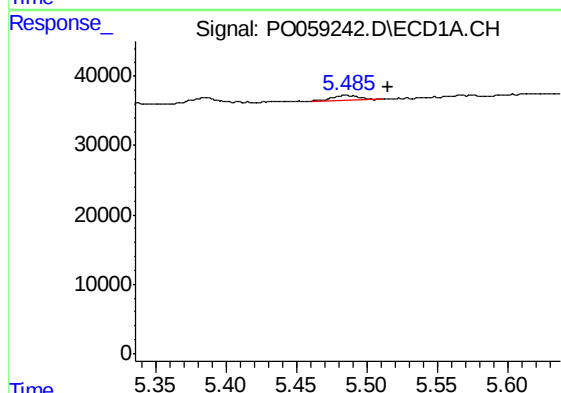
R.T.: 5.386 min
Delta R.T.: -0.030 min
Response: 14113
Conc: 12.03 ng/ml

Instrument :
ECD_O
ClientSampleId :
TR-04-081219



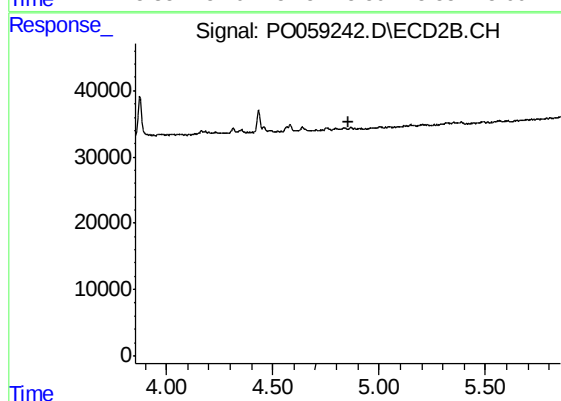
#18 AR-1242-3

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



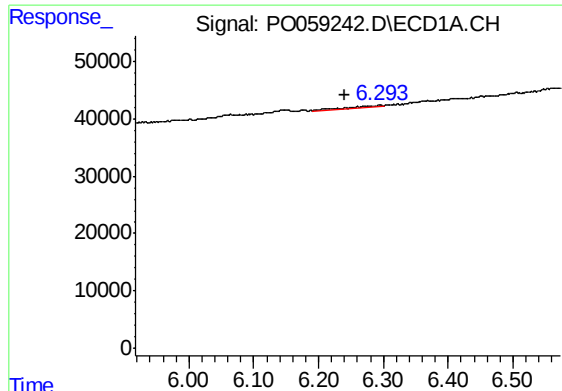
#19 AR-1242-4

R.T.: 5.485 min
Delta R.T.: -0.030 min
Response: 9113
Conc: 9.48 ng/ml



#19 AR-1242-4

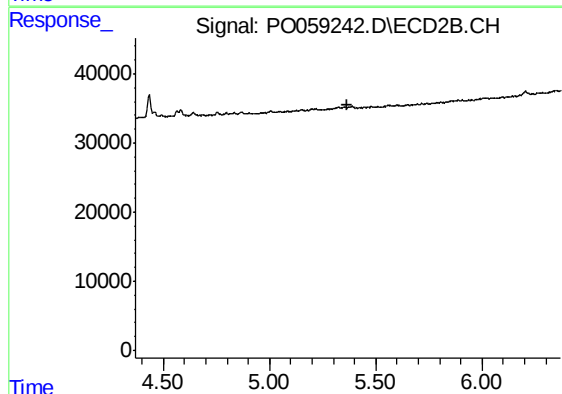
R.T.: 0.000 min
Exp R.T. : 4.854 min
Response: 0
Conc: N.D.



#20 AR-1242-5

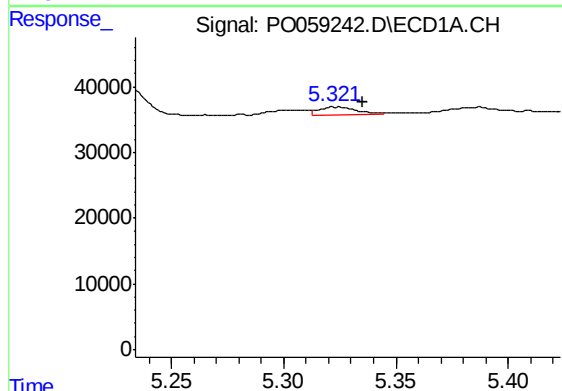
R.T.: 6.294 min
Delta R.T.: 0.055 min
Response: 8812
Conc: 7.50 ng/ml

Instrument :
ECD_O
ClientSampleId :
TR-04-081219



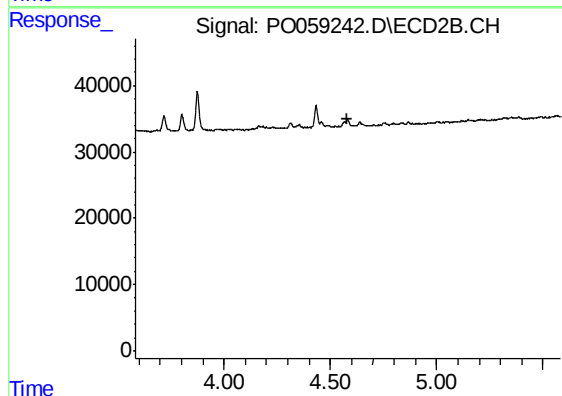
#20 AR-1242-5

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



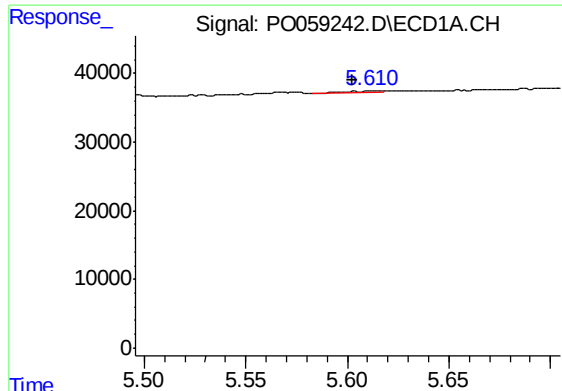
#21 AR-1248-1

R.T.: 5.324 min
Delta R.T.: -0.012 min
Response: 13127
Conc: 12.98 ng/ml



#21 AR-1248-1

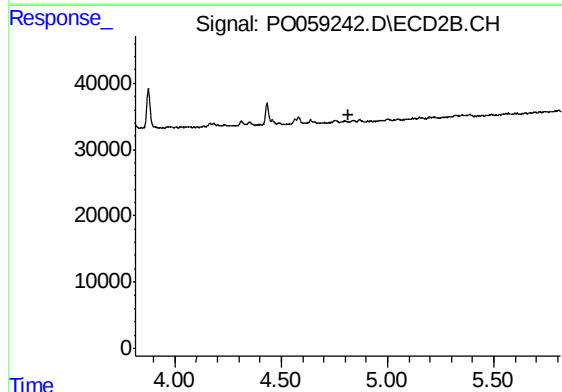
R.T.: 0.000 min
Exp R.T. : 4.583 min
Response: 0
Conc: N.D.



#22 AR-1248-2

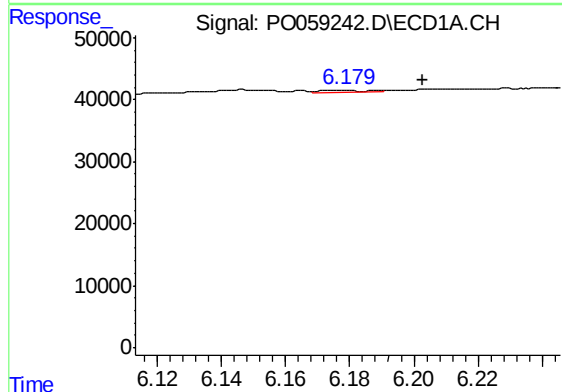
R.T.: 5.612 min
Delta R.T.: 0.009 min
Response: 3182
Conc: 2.20 ng/ml

Instrument :
ECD_O
ClientSampleId :
TR-04-081219



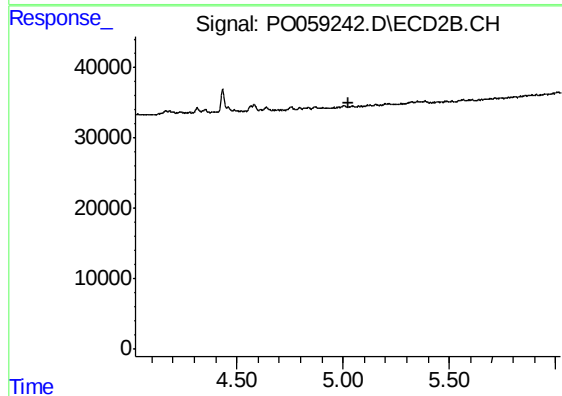
#22 AR-1248-2

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



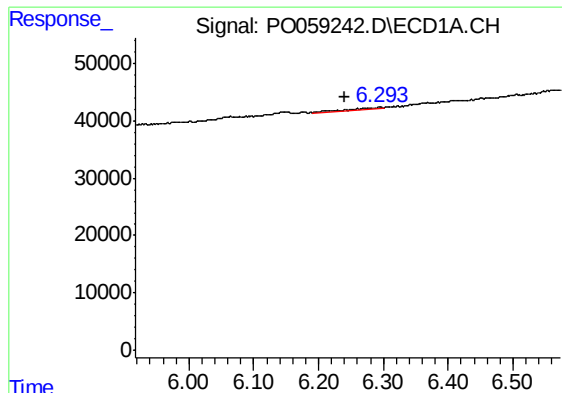
#24 AR-1248-4

R.T.: 6.178 min
Delta R.T.: -0.024 min
Response: 2676
Conc: 1.32 ng/ml



#24 AR-1248-4

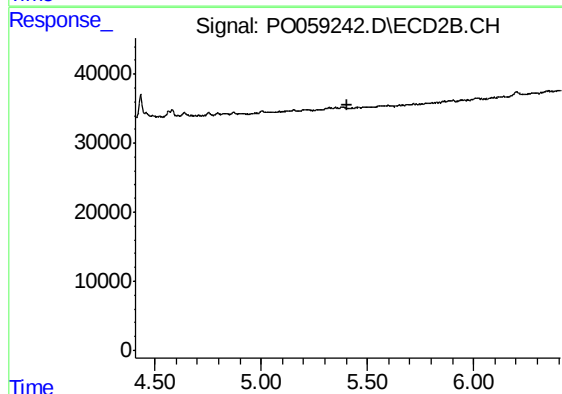
R.T.: 0.000 min
Exp R.T. : 5.023 min
Response: 0
Conc: N.D.



#25 AR-1248-5

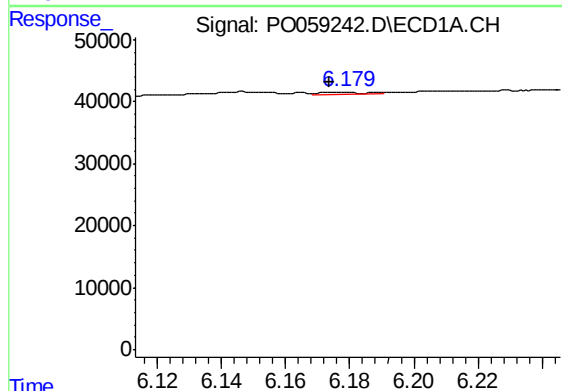
R.T.: 6.294 min
Delta R.T.: 0.055 min
Response: 8812
Conc: 4.57 ng/ml

Instrument :
ECD_O
ClientSampleId :
TR-04-081219



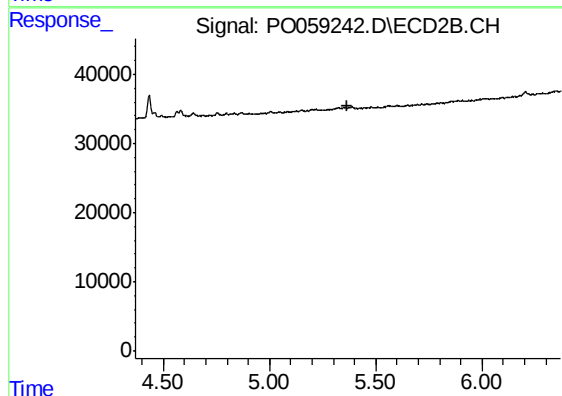
#25 AR-1248-5

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



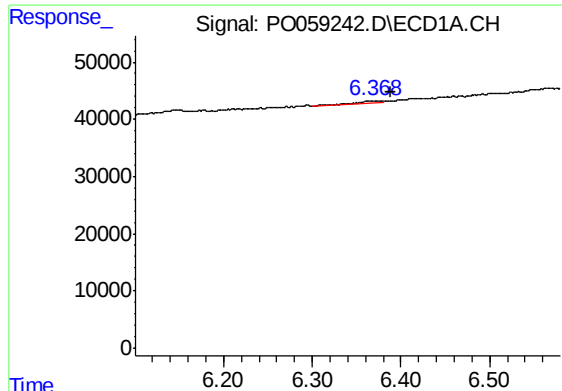
#26 AR-1254-1

R.T.: 6.178 min
Delta R.T.: 0.005 min
Response: 2676
Conc: 1.13 ng/ml



#26 AR-1254-1

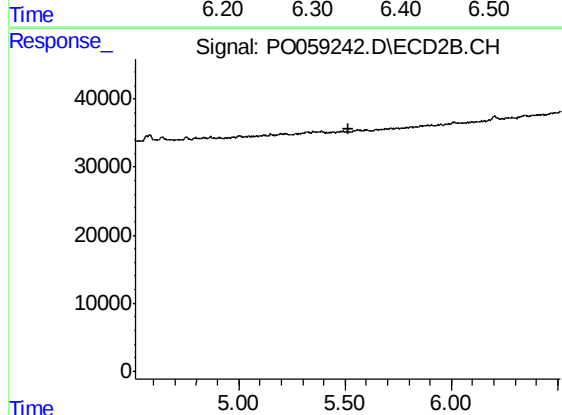
R.T.: 0.000 min
Exp R.T. : 5.368 min
Response: 0
Conc: N.D.



#27 AR-1254-2

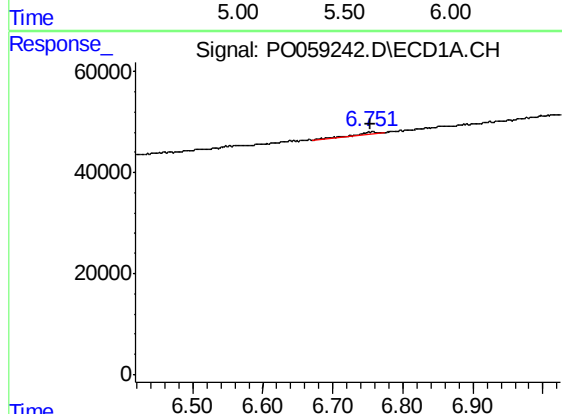
R.T.: 6.362 min
Delta R.T.: -0.027 min
Response: 5772
Conc: 1.50 ng/ml

Instrument :
ECD_O
ClientSampleId :
TR-04-081219



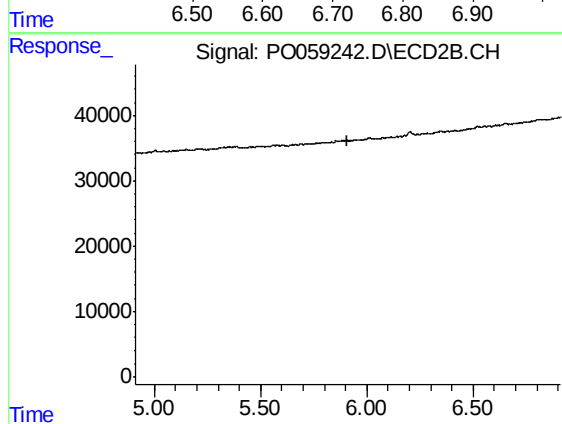
#27 AR-1254-2

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



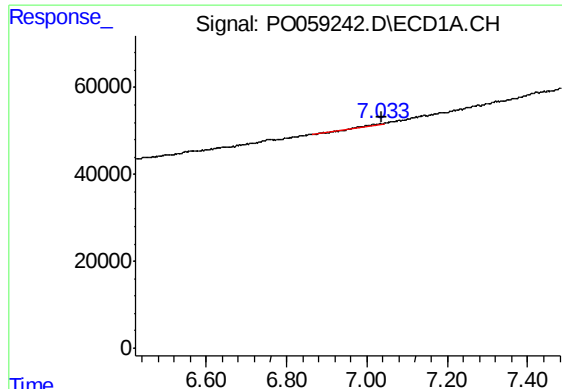
#28 AR-1254-3

R.T.: 6.757 min
Delta R.T.: 0.004 min
Response: 15249
Conc: 3.77 ng/ml



#28 AR-1254-3

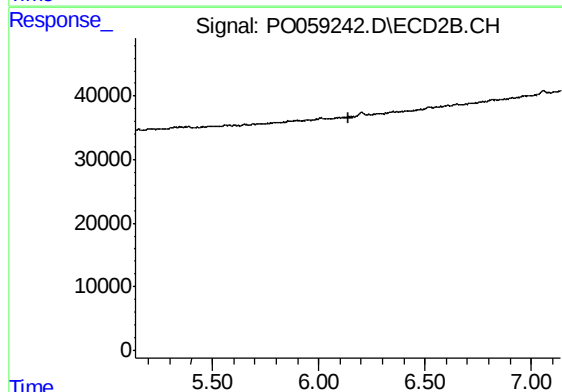
R.T.: 0.000 min
Exp R.T. : 5.911 min
Response: 0
Conc: N.D.



#29 AR-1254-4

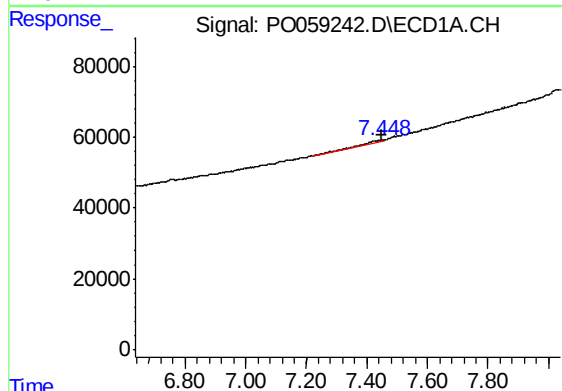
R.T.: 7.035 min
Delta R.T.: -0.001 min
Response: 9363
Conc: 2.60 ng/ml

Instrument :
ECD_O
ClientSampleId :
TR-04-081219



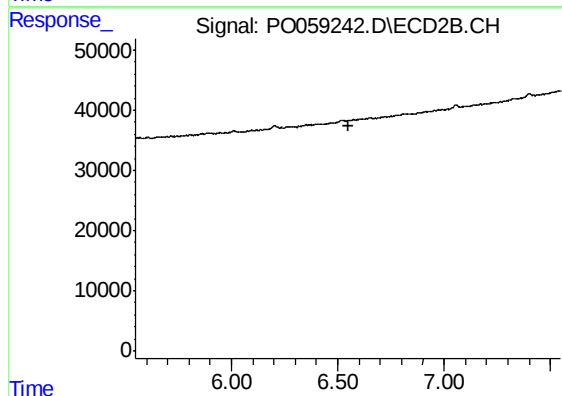
#29 AR-1254-4

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



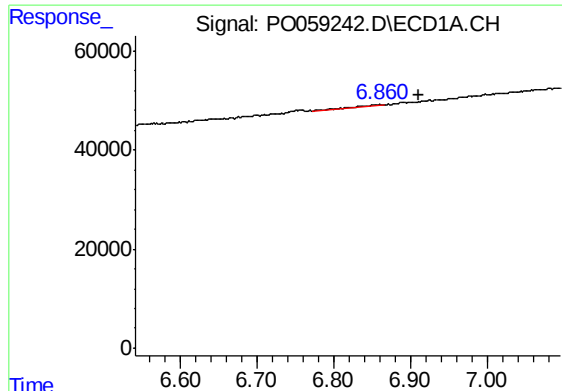
#30 AR-1254-5

R.T.: 7.449 min
Delta R.T.: -0.001 min
Response: 18165
Conc: 5.01 ng/ml



#30 AR-1254-5

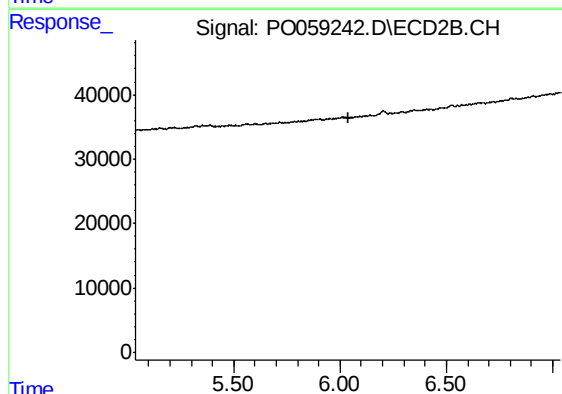
R.T.: 0.000 min
Exp R.T. : 6.548 min
Response: 0
Conc: N.D.



#31 AR-1260-1

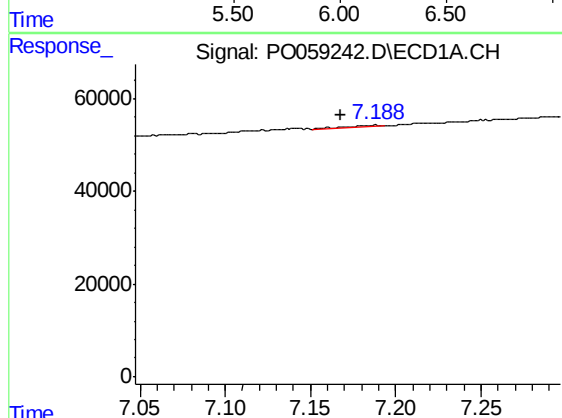
R.T.: 6.860 min
Delta R.T.: -0.052 min
Response: 8506
Conc: 2.95 ng/ml

Instrument :
ECD_O
ClientSampleId :
TR-04-081219



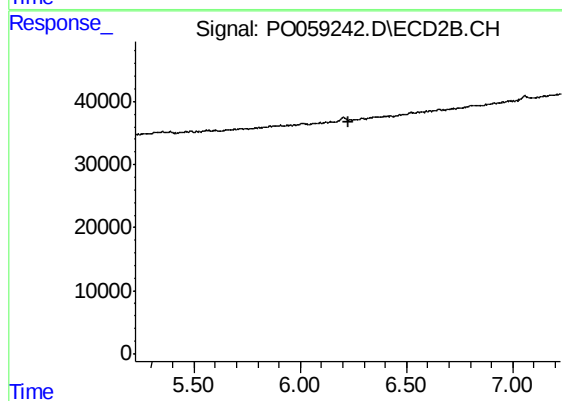
#31 AR-1260-1

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



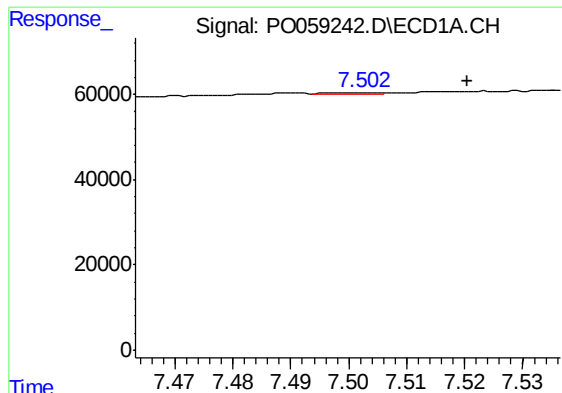
#32 AR-1260-2

R.T.: 7.188 min
Delta R.T.: 0.021 min
Response: 3380
Conc: 0.81 ng/ml



#32 AR-1260-2

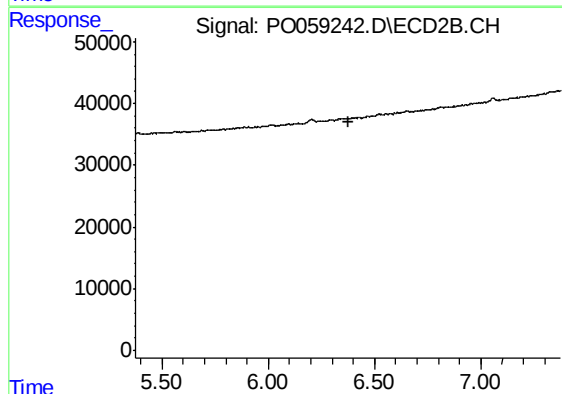
R.T.: 0.000 min
Exp R.T. : 6.225 min
Response: 0
Conc: N.D.



#33 AR-1260-3

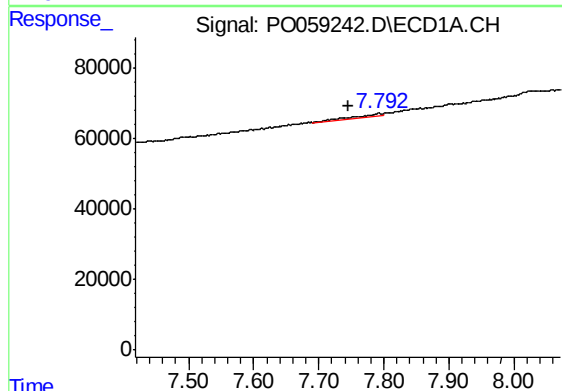
R.T.: 7.502 min
Delta R.T.: -0.019 min
Response: 2305
Conc: 0.62 ng/ml

Instrument :
ECD_O
ClientSampleId :
TR-04-081219



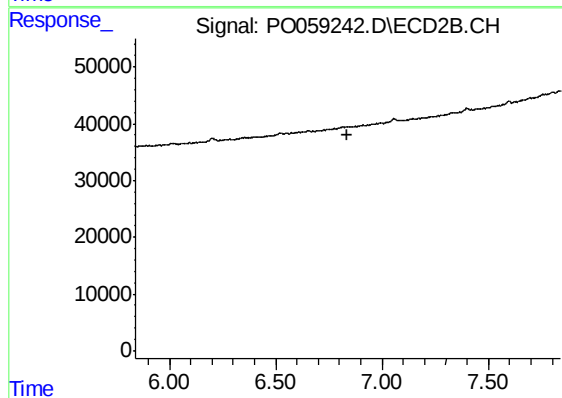
#33 AR-1260-3

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



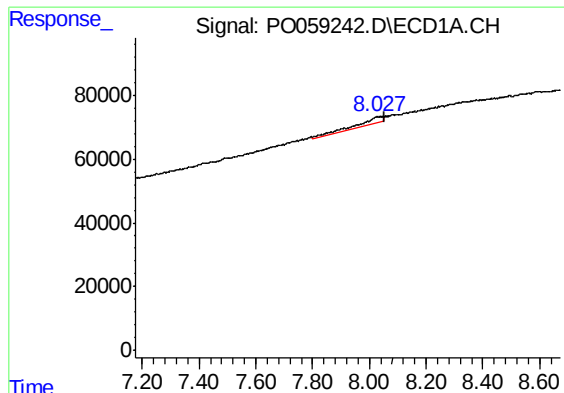
#34 AR-1260-4

R.T.: 7.793 min
Delta R.T.: 0.047 min
Response: 26047
Conc: 7.64 ng/ml



#34 AR-1260-4

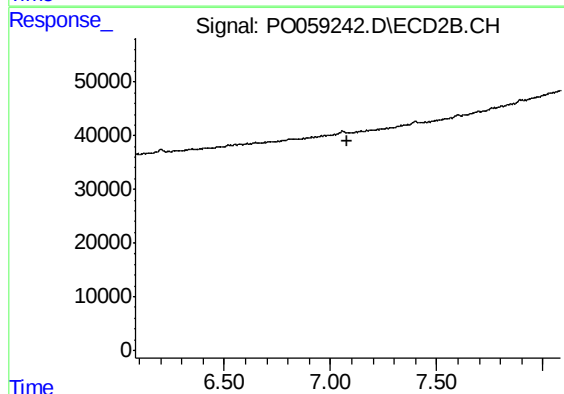
R.T.: 0.000 min
Exp R.T. : 6.839 min
Response: 0
Conc: N.D.



#35 AR-1260-5

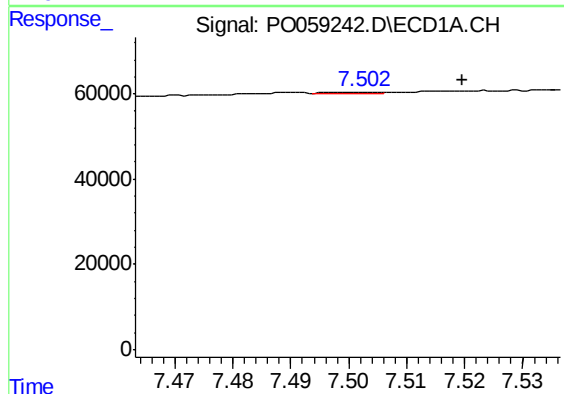
R.T.: 8.028 min
Delta R.T.: -0.024 min
Response: 128741
Conc: 17.50 ng/ml

Instrument :
ECD_O
ClientSampleId :
TR-04-081219



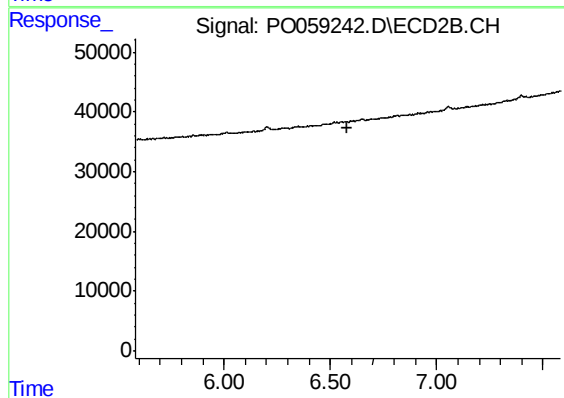
#35 AR-1260-5

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



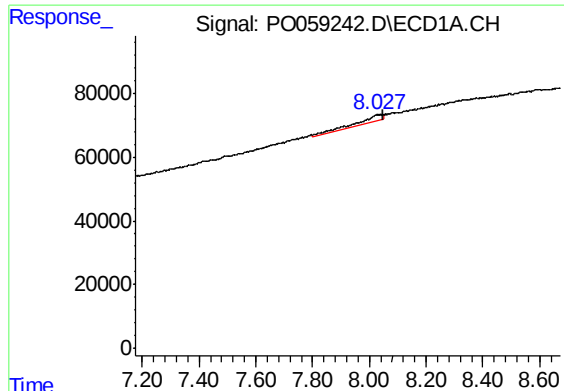
#36 AR-1262-1

R.T.: 7.502 min
Delta R.T.: -0.018 min
Response: 2305
Conc: 0.46 ng/ml



#36 AR-1262-1

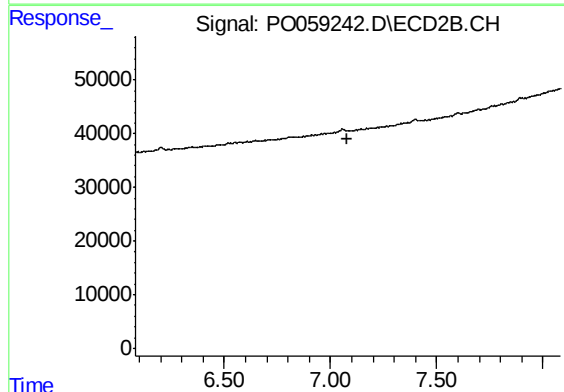
R.T.: 0.000 min
Exp R.T. : 6.583 min
Response: 0
Conc: N.D.



#37 AR-1262-2

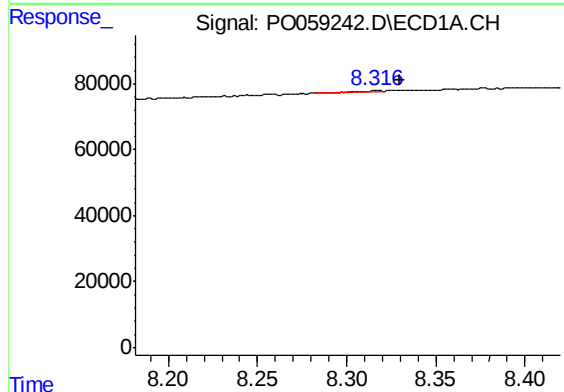
R.T.: 8.028 min
Delta R.T.: -0.022 min
Response: 128741
Conc: 16.18 ng/ml

Instrument :
ECD_O
ClientSampleId :
TR-04-081219



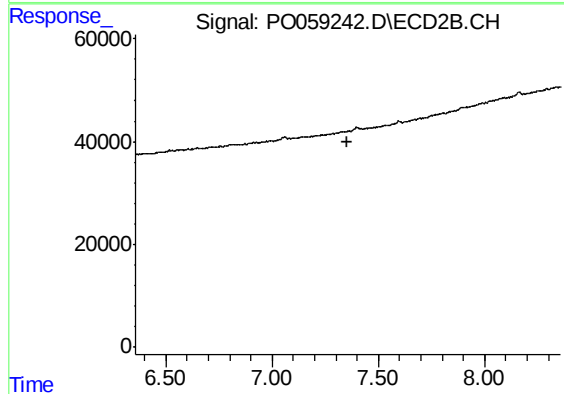
#37 AR-1262-2

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



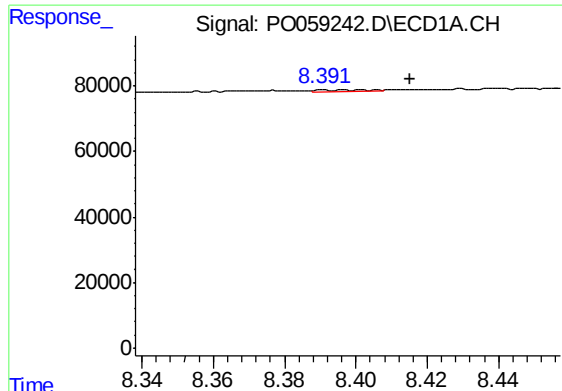
#38 AR-1262-3

R.T.: 8.316 min
Delta R.T.: -0.013 min
Response: 2474
Conc: 0.49 ng/ml



#38 AR-1262-3

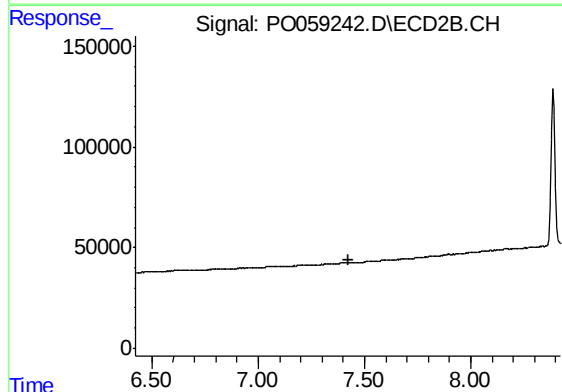
R.T.: 0.000 min
Exp R.T. : 7.357 min
Response: 0
Conc: N.D.



#39 AR-1262-4

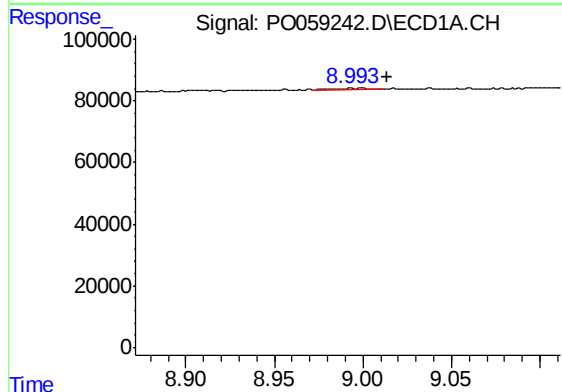
R.T.: 8.391 min
Delta R.T.: -0.024 min
Response: 5411
Conc: 1.43 ng/ml

Instrument :
ECD_O
ClientSampleId :
TR-04-081219



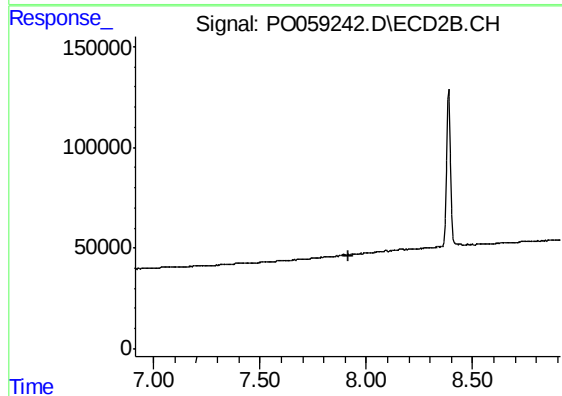
#39 AR-1262-4

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



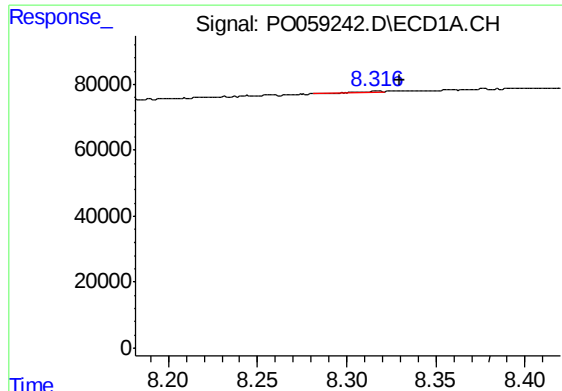
#40 AR-1262-5

R.T.: 8.993 min
Delta R.T.: -0.020 min
Response: 5746
Conc: 2.50 ng/ml



#40 AR-1262-5

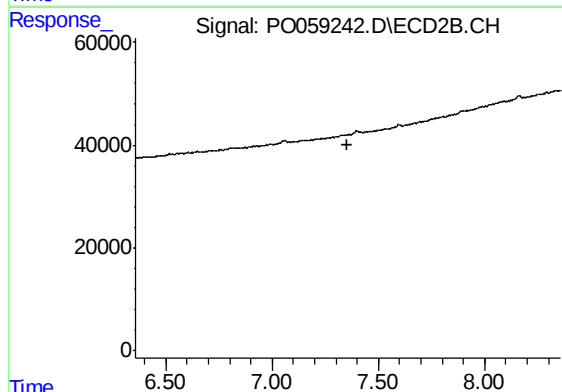
R.T.: 0.000 min
Exp R.T. : 7.914 min
Response: 0
Conc: N.D.



#41 AR-1268-1

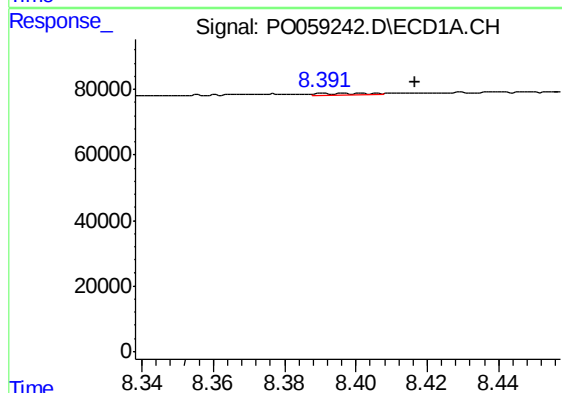
R.T.: 8.316 min
Delta R.T.: -0.013 min
Response: 2474
Conc: 0.22 ng/ml

Instrument :
ECD_O
ClientSampleId :
TR-04-081219



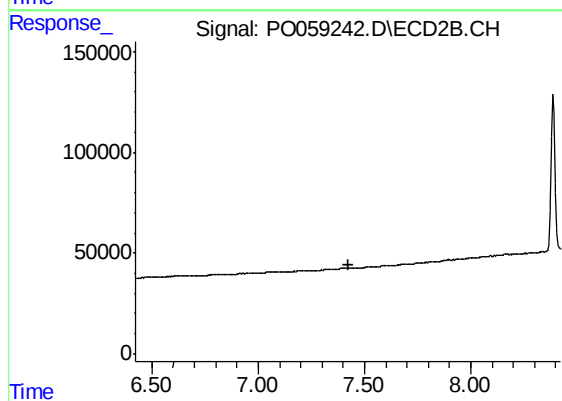
#41 AR-1268-1

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



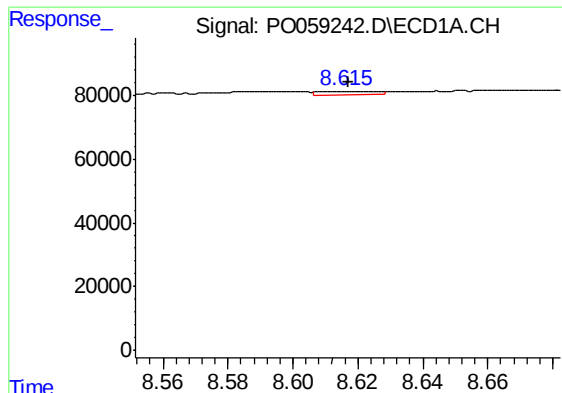
#42 AR-1268-2

R.T.: 8.391 min
Delta R.T.: -0.025 min
Response: 5411
Conc: 0.58 ng/ml



#42 AR-1268-2

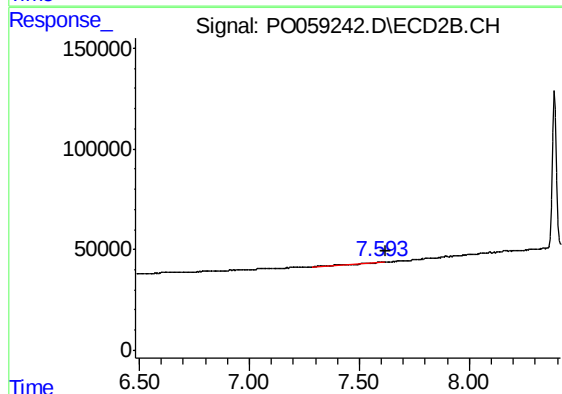
R.T.: 0.000 min
Exp R.T. : 7.422 min
Response: 0
Conc: N.D.



#43 AR-1268-3

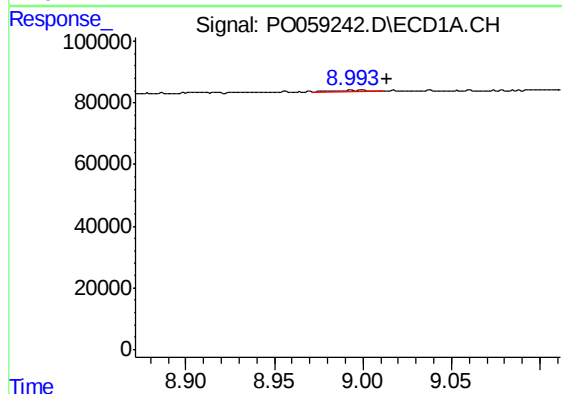
R.T.: 8.615 min
Delta R.T.: -0.002 min
Response: 13501
Conc: 1.63 ng/ml

Instrument :
ECD_O
ClientSampleId :
TR-04-081219



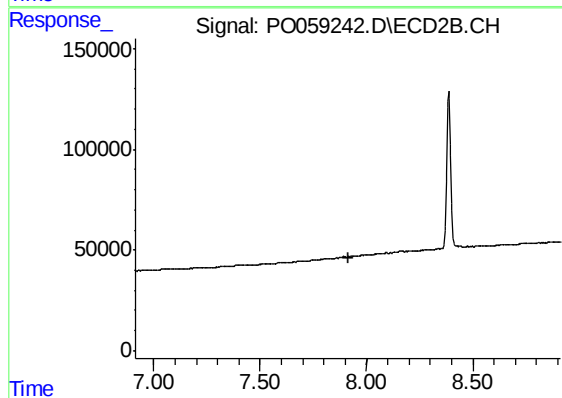
#43 AR-1268-3

R.T.: 7.595 min
Delta R.T.: -0.024 min
Response: 16124
Conc: 2.52 ng/ml



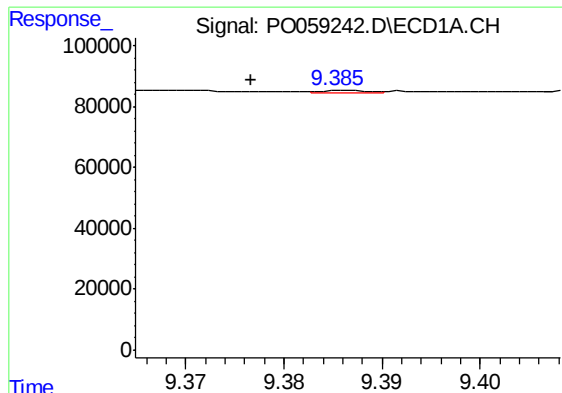
#44 AR-1268-4

R.T.: 8.993 min
Delta R.T.: -0.020 min
Response: 5746
Conc: 1.92 ng/ml



#44 AR-1268-4

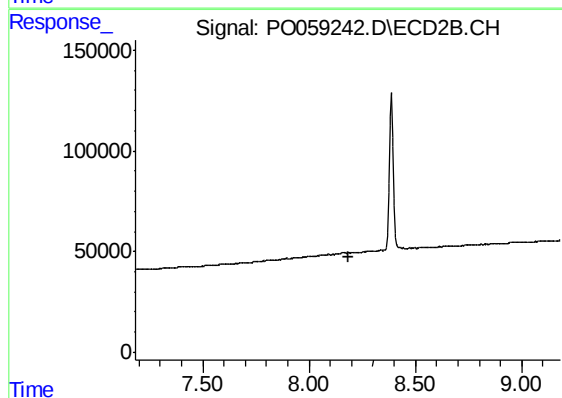
R.T.: 0.000 min
Exp R.T. : 7.913 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.387 min
Delta R.T.: 0.010 min
Response: 1817
Conc: 0.08 ng/ml

Instrument :
ECD_O
ClientSampleId :
TR-04-081219



#45 AR-1268-5

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