

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0081419\
 Data File : P0059273.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 14 Aug 2019 12:58
 Operator : SM/SJ
 Sample : K4341-02 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 HA-39

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 14 15:55:46 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0072819.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Aug 14 09:07:26 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...	4.151	3.511	106617	105304	2.526	2.636
2)	SA Decachlor...	9.695	8.389	4735	111686	0.087	2.829 #
Target Compounds							
3)	L1 AR-1016-1	5.320	0.000	3722	0	1.986	N.D. #
4)	L1 AR-1016-2	5.366	0.000	10334	0	3.756	N.D. #
5)	L1 AR-1016-3	5.404	0.000	2142	0	1.262	N.D. #
6)	L1 AR-1016-4	5.533	0.000	5400	0	3.859	N.D. #
7)	L1 AR-1016-5	5.854	0.000	2642	0	1.845	N.D. #
8)	L2 AR-1221-1	4.456	0.000	5467	0	12.034	N.D. #
9)	L2 AR-1221-2	4.456	0.000	5467	0	15.856	N.D. #
12)	L3 AR-1232-2	5.139	0.000	7249	0	14.737	N.D. #
13)	L3 AR-1232-3	5.366	0.000	10334	0	9.651	N.D. #
14)	L3 AR-1232-4	5.533	0.000	5400	0	10.129	N.D. #
15)	L3 AR-1232-5	5.588	0.000	2442	0	5.984	N.D. #
16)	L4 AR-1242-1	5.320	0.000	3722	0	2.907	N.D. #
17)	L4 AR-1242-2	5.366	0.000	10334	0	5.463	N.D. #
18)	L4 AR-1242-3	5.404	0.000	2142	0	1.826	N.D. #
19)	L4 AR-1242-4	5.533	0.000	5400	0	5.619	N.D. #
20)	L4 AR-1242-5	6.236	0.000	2754	0	2.344	N.D. #
21)	L5 AR-1248-1	5.320	0.000	3722	0	3.682	N.D. #
22)	L5 AR-1248-2	5.588	0.000	2442	0	1.689	N.D. #
23)	L5 AR-1248-3	5.854	0.000	2642	0	1.609	N.D. #
24)	L5 AR-1248-4	6.202	0.000	14948	0	7.381	N.D. #
25)	L5 AR-1248-5	6.236	0.000	2754	0	1.426	N.D. #
26)	L6 AR-1254-1	6.202	0.000	14948	0	6.331	N.D. #
27)	L6 AR-1254-2	6.380	0.000	2862	0	0.743	N.D. #
28)	L6 AR-1254-3	6.761	5.881	23767	41622	5.869	11.312 #
29)	L6 AR-1254-4	7.036	6.175	30344	142106	8.427	61.115 #
30)	L6 AR-1254-5	7.459	0.000	18970	0	5.233	N.D. #
31)	L7 AR-1260-1	6.928	0.000	21269	0	7.387	N.D. #
32)	L7 AR-1260-2	7.169	6.175	26934	142106	6.474	46.911 #
33)	L7 AR-1260-3	7.544	6.348	26119	25608	7.014	9.485 #
34)	L7 AR-1260-4	7.741	0.000	21505	0	6.310	N.D. #
35)	L7 AR-1260-5	8.047	7.110	79783	6400	10.848	1.188 #
36)	L8 AR-1262-1	7.544	0.000	26119	0	5.182	N.D. #
37)	L8 AR-1262-2	8.047	7.110	79783	6400	10.024	1.134 #
38)	L8 AR-1262-3	8.324	7.401	160640	261946	31.601	106.134 #
39)	L8 AR-1262-4	8.406	7.438	42750	23029	11.281	5.423 #
41)	L9 AR-1268-1	8.324	7.401	160640	261946	14.382	32.160 #
42)	L9 AR-1268-2	8.406	7.438	42750	23029	4.551	3.039 #
43)	L9 AR-1268-3	8.638	7.559	15019	34785	1.818	5.442 #
45)	L9 AR-1268-5	9.363	8.213	37035	114823	1.725	6.700 #

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Acq On : 14 Aug 2019 12:58
Operator : SM/SJ
Sample : K4341-02 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
HA-39

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 14 15:55:46 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0072819.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 14 09:07:26 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
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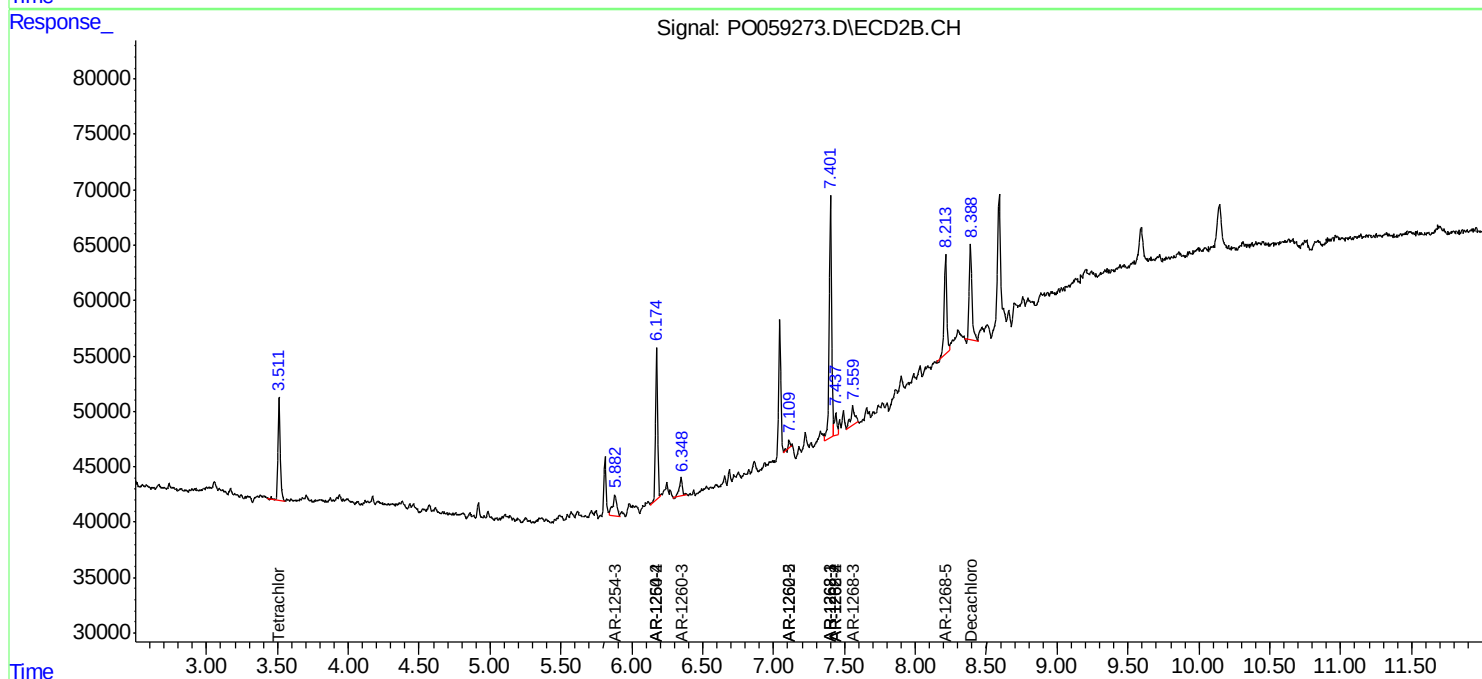
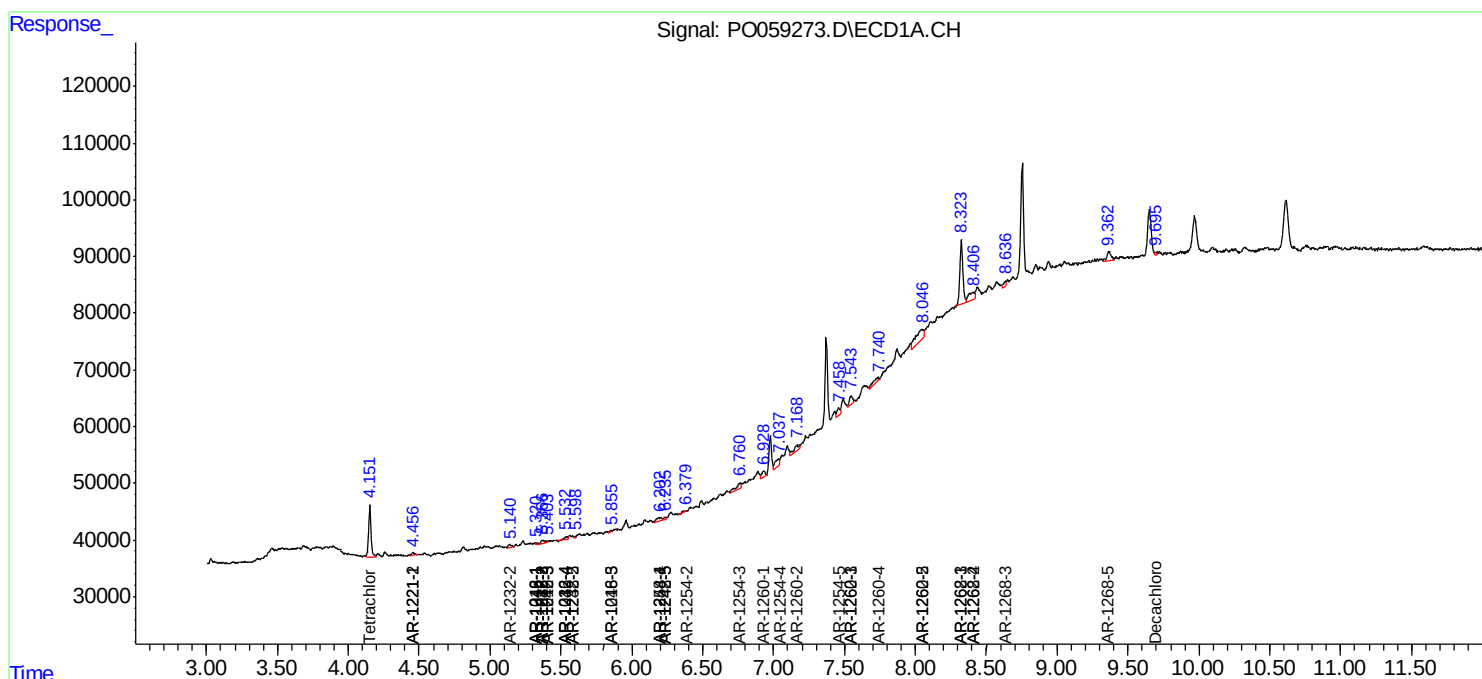
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

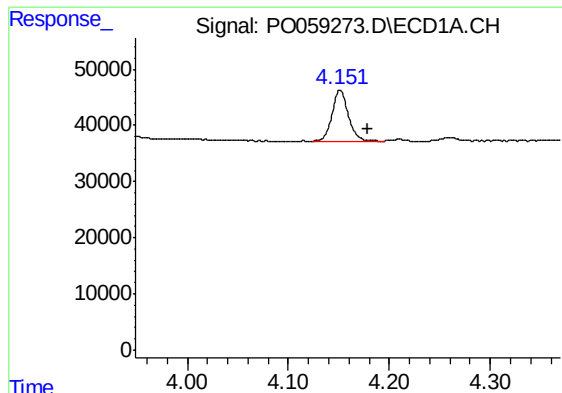
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0081419\
Data File : P0059273.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 14 Aug 2019 12:58
Operator : SM/SJ
Sample : K4341-02 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampled :
HA-39

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 14 15:55:46 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0072819.M
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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

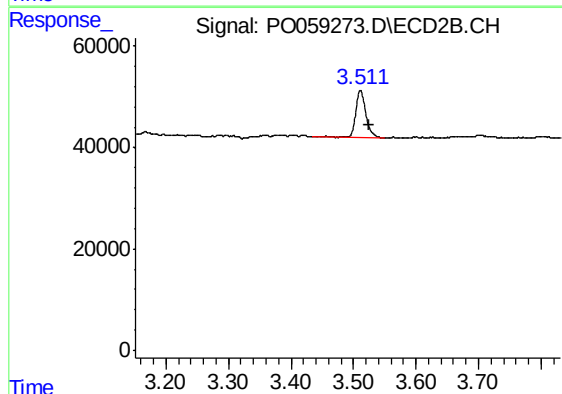




#1 Tetrachloro-m-xylene

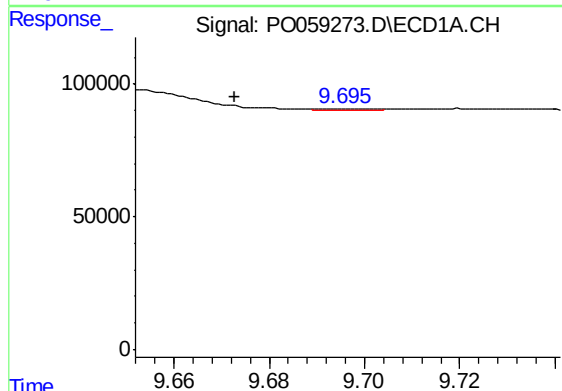
R.T.: 4.151 min
Delta R.T.: -0.028 min
Response: 106617
Conc: 2.53 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-39



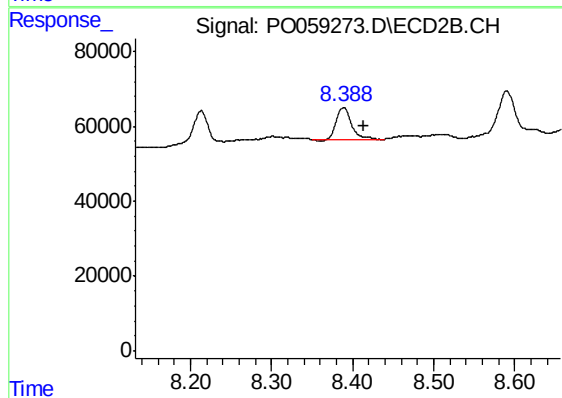
#1 Tetrachloro-m-xylene

R.T.: 3.511 min
Delta R.T.: -0.014 min
Response: 105304
Conc: 2.64 ng/ml



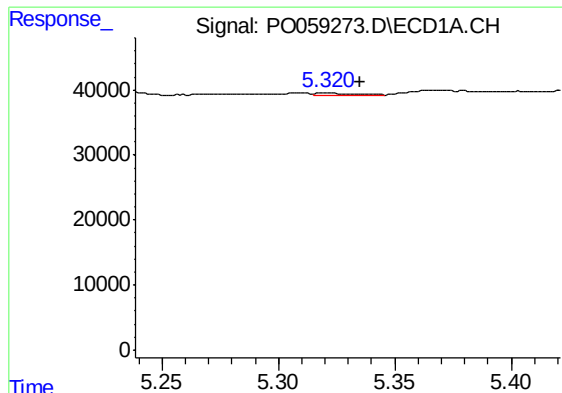
#2 Decachlorobiphenyl

R.T.: 9.695 min
Delta R.T.: 0.022 min
Response: 4735
Conc: 0.09 ng/ml



#2 Decachlorobiphenyl

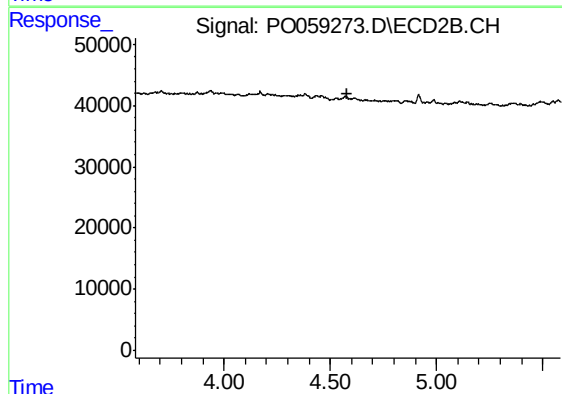
R.T.: 8.389 min
Delta R.T.: -0.025 min
Response: 111686
Conc: 2.83 ng/ml



#3 AR-1016-1

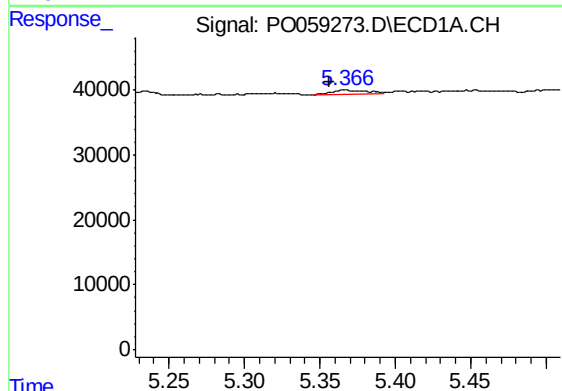
R.T.: 5.320 min
Delta R.T.: -0.014 min
Response: 3722
Conc: 1.99 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-39



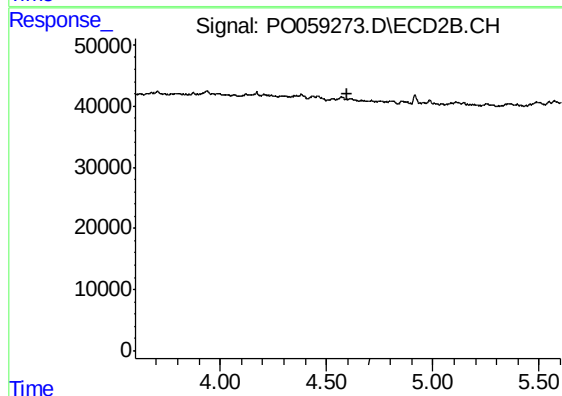
#3 AR-1016-1

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



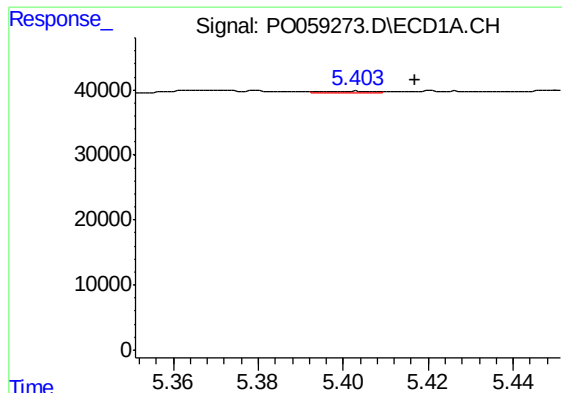
#4 AR-1016-2

R.T.: 5.366 min
Delta R.T.: 0.010 min
Response: 10334
Conc: 3.76 ng/ml



#4 AR-1016-2

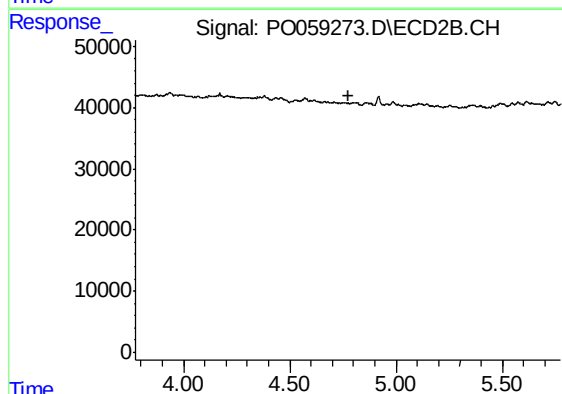
R.T.: 0.000 min
Exp R.T. : 4.601 min
Response: 0
Conc: N.D.



#5 AR-1016-3

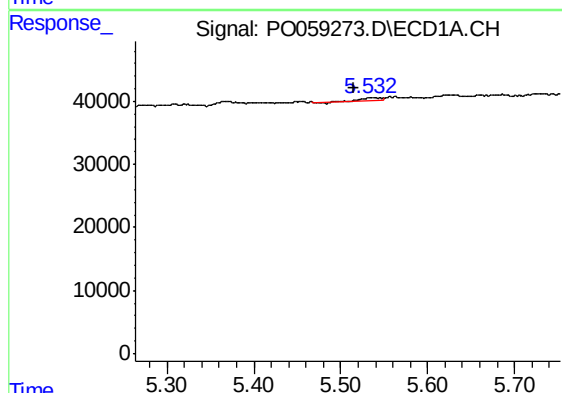
R.T.: 5.404 min
Delta R.T.: -0.013 min
Response: 2142
Conc: 1.26 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-39



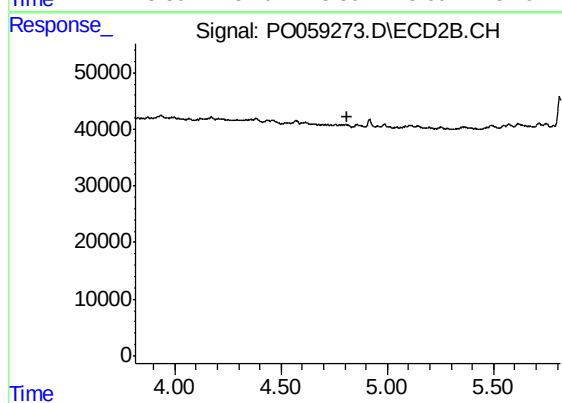
#5 AR-1016-3

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



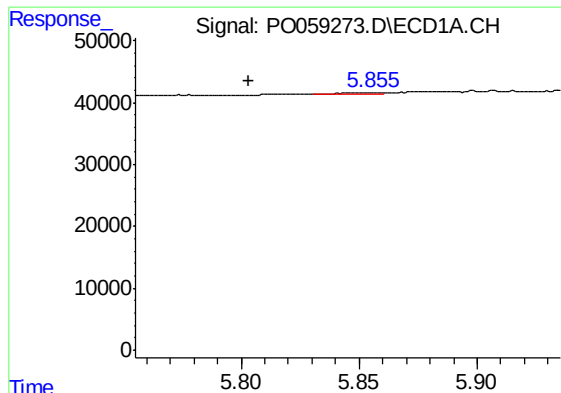
#6 AR-1016-4

R.T.: 5.533 min
Delta R.T.: 0.018 min
Response: 5400
Conc: 3.86 ng/ml



#6 AR-1016-4

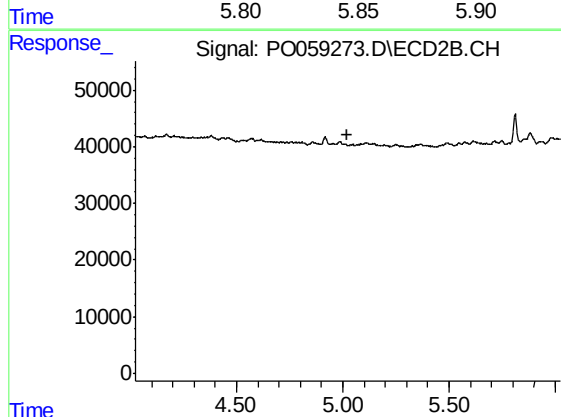
R.T.: 0.000 min
Exp R.T. : 4.815 min
Response: 0
Conc: N.D.



#7 AR-1016-5

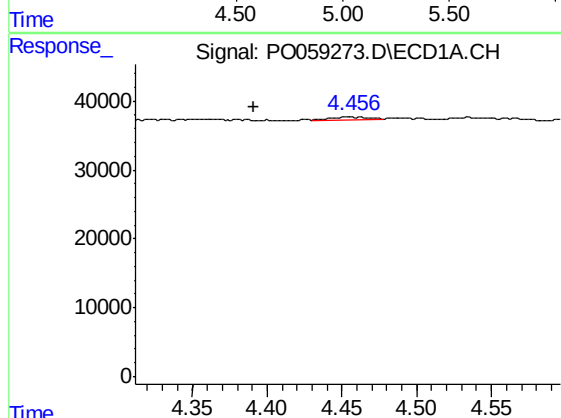
R.T.: 5.854 min
Delta R.T.: 0.050 min
Response: 2642
Conc: 1.84 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-39



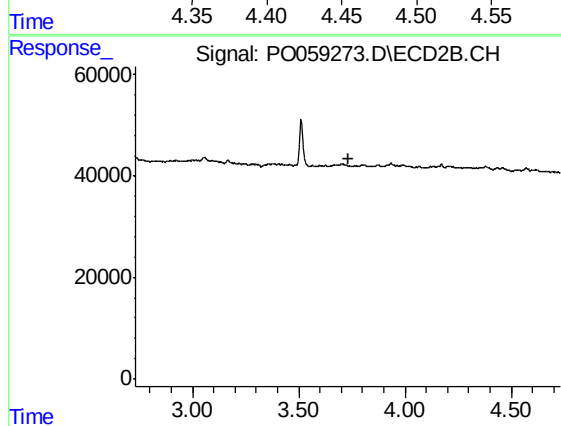
#7 AR-1016-5

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



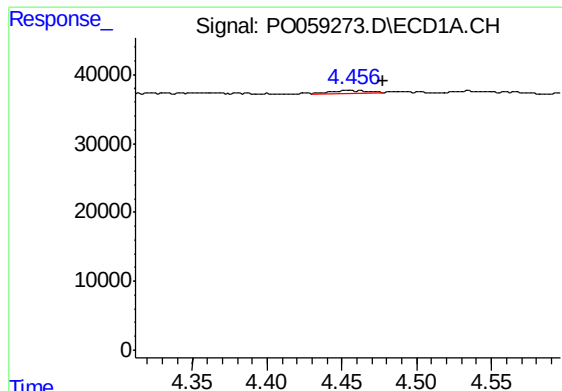
#8 AR-1221-1

R.T.: 4.456 min
Delta R.T.: 0.065 min
Response: 5467
Conc: 12.03 ng/ml



#8 AR-1221-1

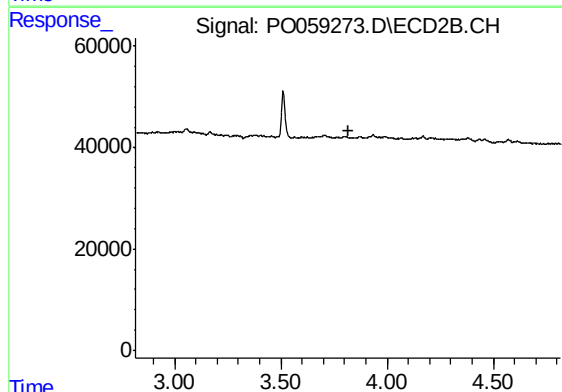
R.T.: 0.000 min
Exp R.T. : 3.732 min
Response: 0
Conc: N.D.



#9 AR-1221-2

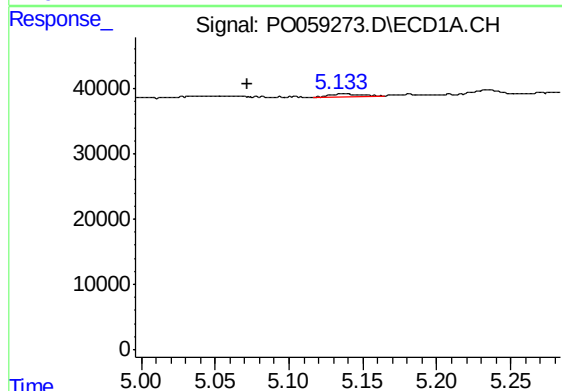
R.T.: 4.456 min
Delta R.T.: -0.021 min
Response: 5467
Conc: 15.86 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-39



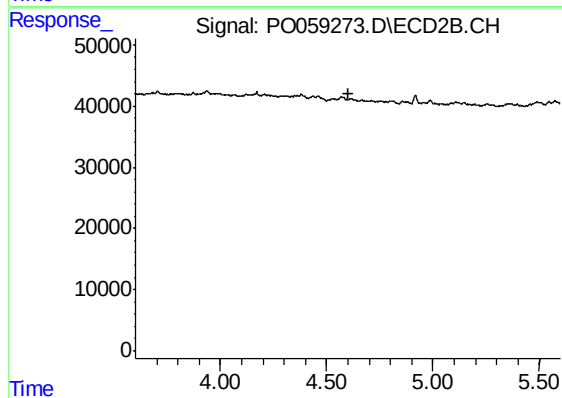
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 3.816 min
Response: 0
Conc: N.D.



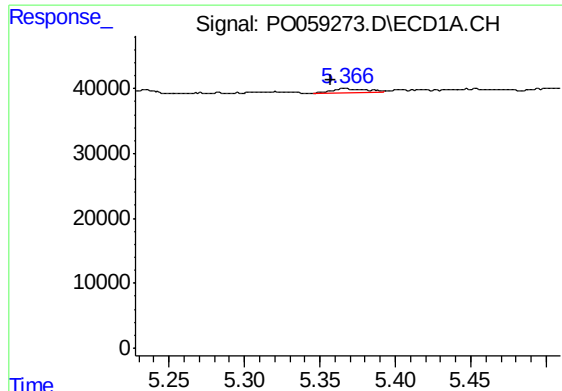
#12 AR-1232-2

R.T.: 5.139 min
Delta R.T.: 0.067 min
Response: 7249
Conc: 14.74 ng/ml



#12 AR-1232-2

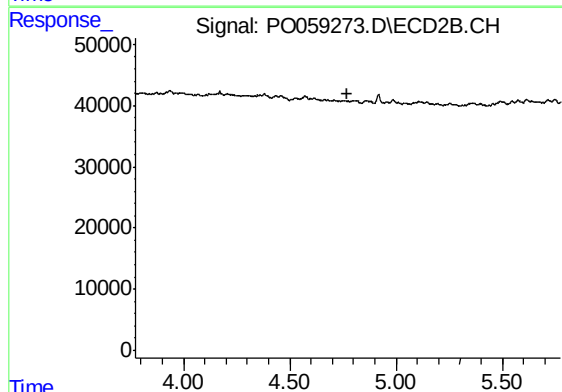
R.T.: 0.000 min
Exp R.T. : 4.600 min
Response: 0
Conc: N.D.



#13 AR-1232-3

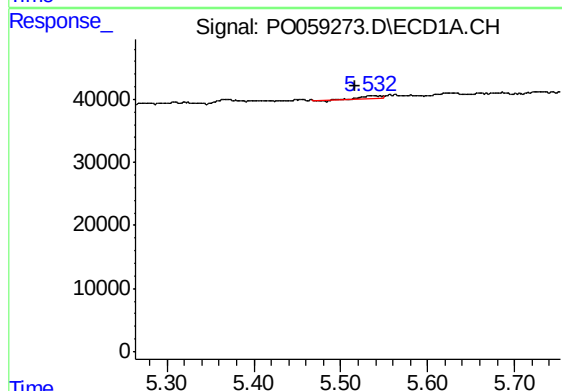
R.T.: 5.366 min
Delta R.T.: 0.009 min
Response: 10334
Conc: 9.65 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-39



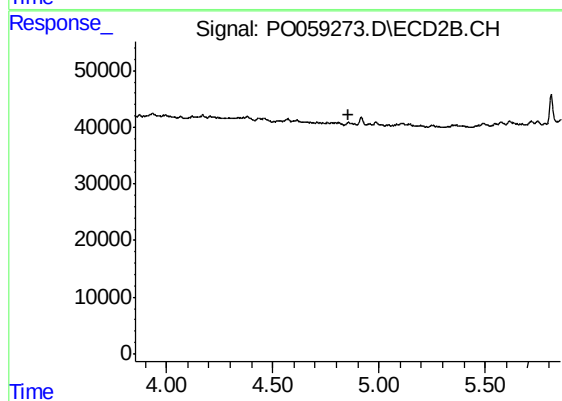
#13 AR-1232-3

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



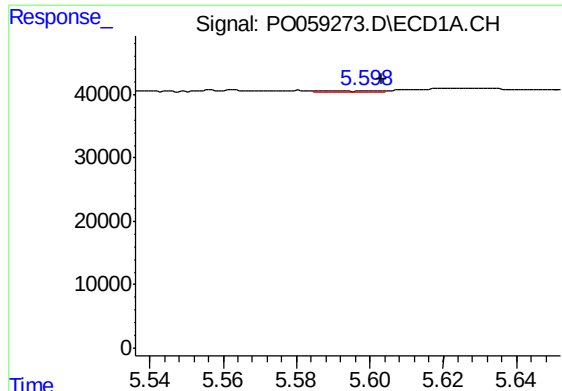
#14 AR-1232-4

R.T.: 5.533 min
Delta R.T.: 0.017 min
Response: 5400
Conc: 10.13 ng/ml



#14 AR-1232-4

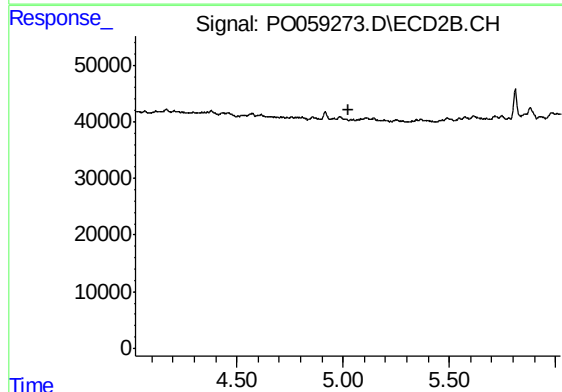
R.T.: 0.000 min
Exp R.T. : 4.854 min
Response: 0
Conc: N.D.



#15 AR-1232-5

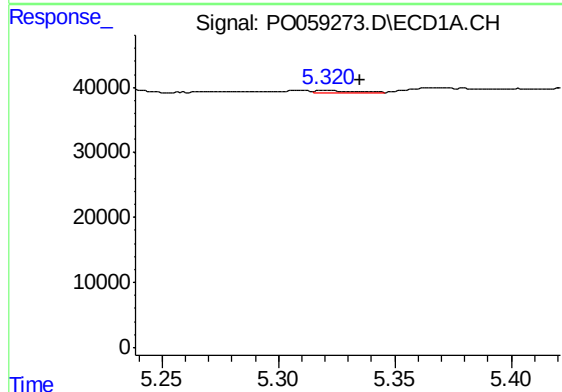
R.T.: 5.588 min
Delta R.T.: -0.015 min
Response: 2442
Conc: 5.98 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-39



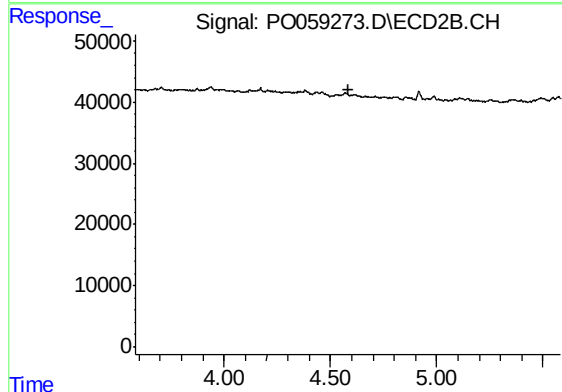
#15 AR-1232-5

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



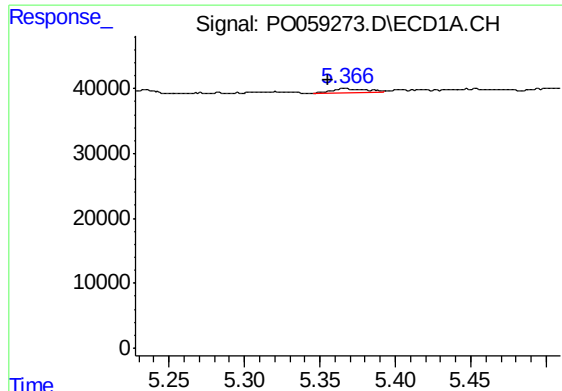
#16 AR-1242-1

R.T.: 5.320 min
Delta R.T.: -0.014 min
Response: 3722
Conc: 2.91 ng/ml



#16 AR-1242-1

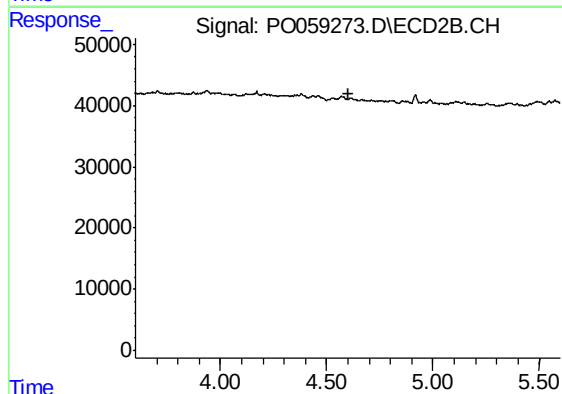
R.T.: 0.000 min
Exp R.T. : 4.583 min
Response: 0
Conc: N.D.



#17 AR-1242-2

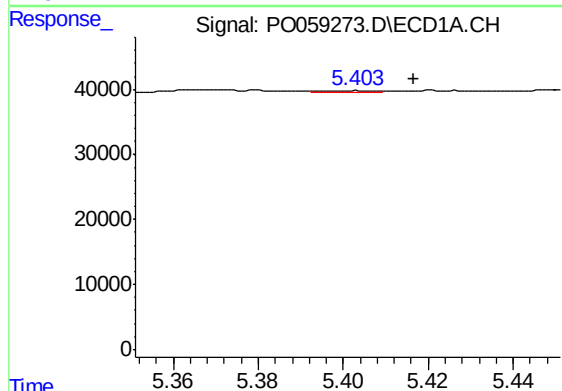
R.T.: 5.366 min
Delta R.T.: 0.011 min
Response: 10334
Conc: 5.46 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-39



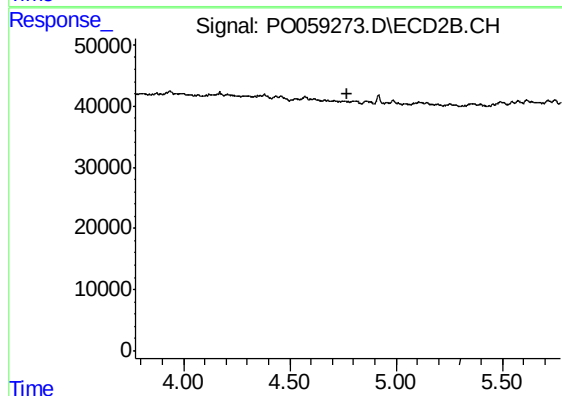
#17 AR-1242-2

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



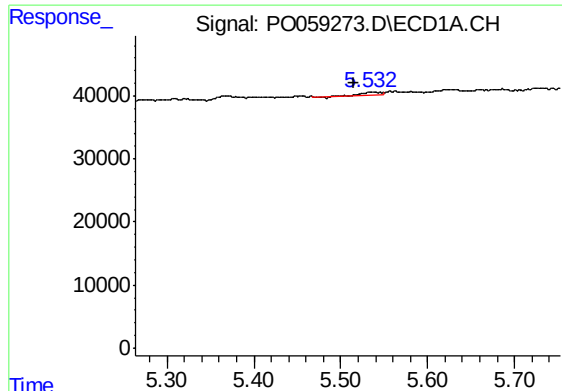
#18 AR-1242-3

R.T.: 5.404 min
Delta R.T.: -0.013 min
Response: 2142
Conc: 1.83 ng/ml



#18 AR-1242-3

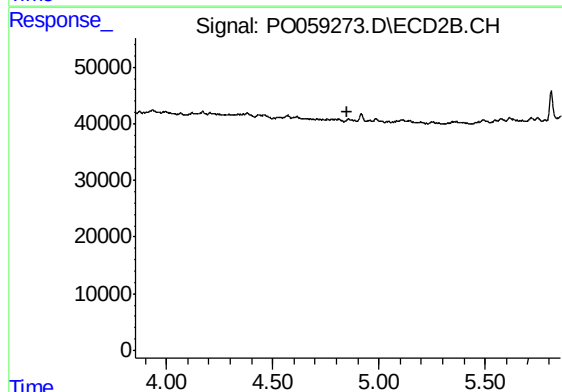
R.T.: 0.000 min
Exp R.T. : 4.773 min
Response: 0
Conc: N.D.



#19 AR-1242-4

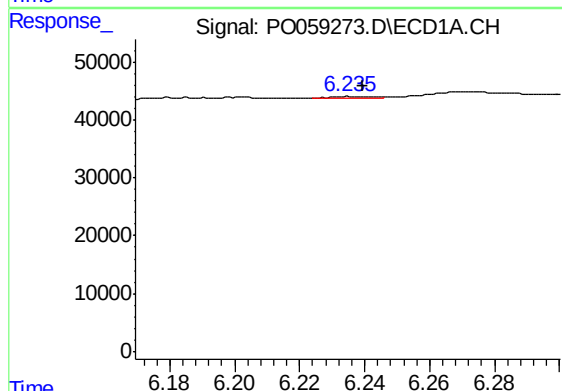
R.T.: 5.533 min
Delta R.T.: 0.018 min
Response: 5400
Conc: 5.62 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-39



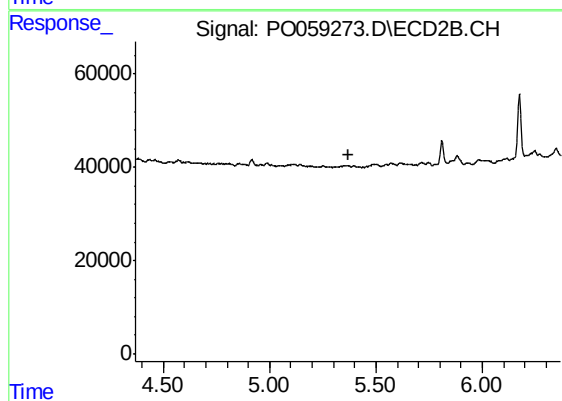
#19 AR-1242-4

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



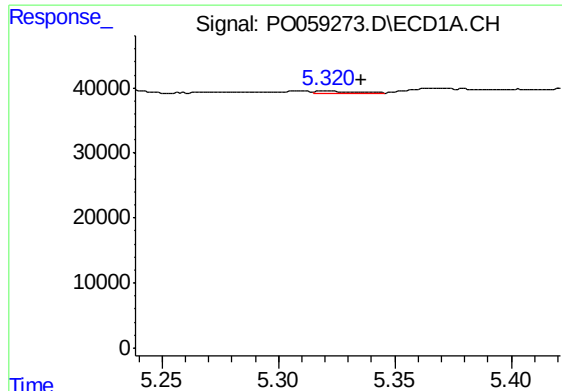
#20 AR-1242-5

R.T.: 6.236 min
Delta R.T.: -0.003 min
Response: 2754
Conc: 2.34 ng/ml



#20 AR-1242-5

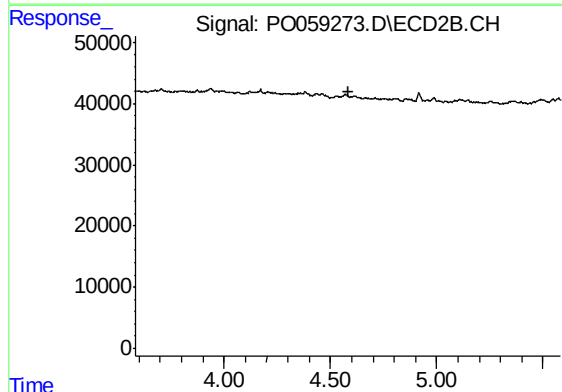
R.T.: 0.000 min
Exp R.T. : 5.368 min
Response: 0
Conc: N.D.



#21 AR-1248-1

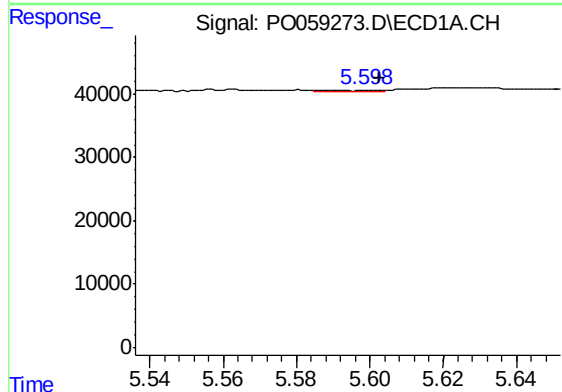
R.T.: 5.320 min
Delta R.T.: -0.015 min
Response: 3722
Conc: 3.68 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-39



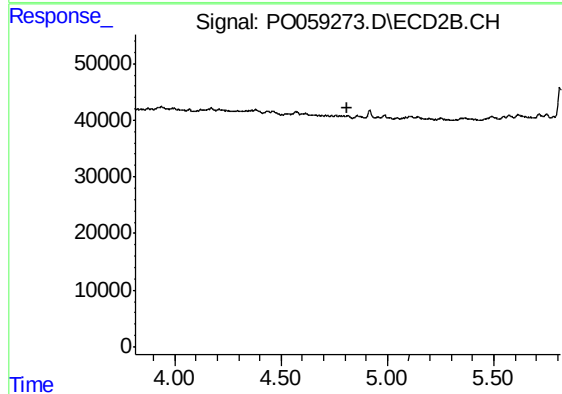
#21 AR-1248-1

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



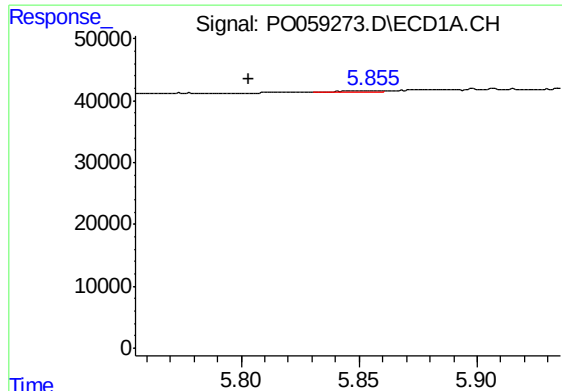
#22 AR-1248-2

R.T.: 5.588 min
Delta R.T.: -0.015 min
Response: 2442
Conc: 1.69 ng/ml



#22 AR-1248-2

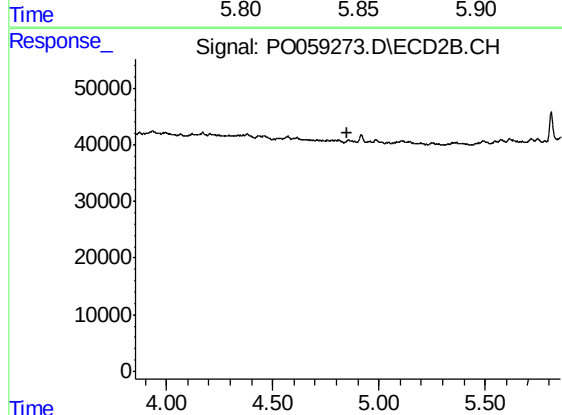
R.T.: 0.000 min
Exp R.T. : 4.814 min
Response: 0
Conc: N.D.



#23 AR-1248-3

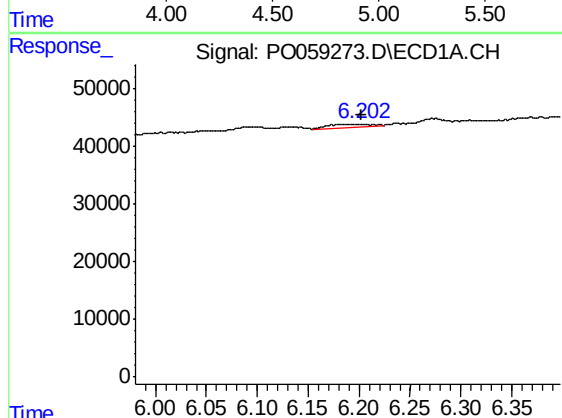
R.T.: 5.854 min
Delta R.T.: 0.050 min
Response: 2642
Conc: 1.61 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-39



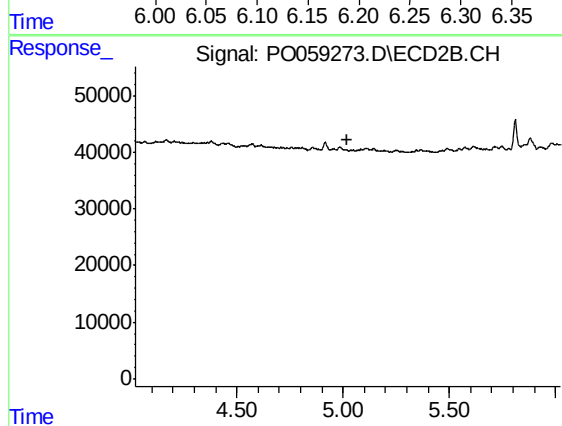
#23 AR-1248-3

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



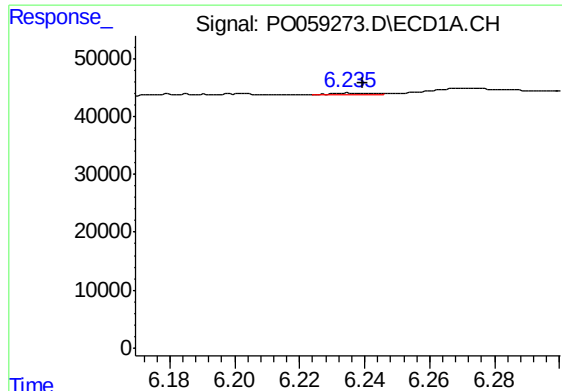
#24 AR-1248-4

R.T.: 6.202 min
Delta R.T.: 0.000 min
Response: 14948
Conc: 7.38 ng/ml



#24 AR-1248-4

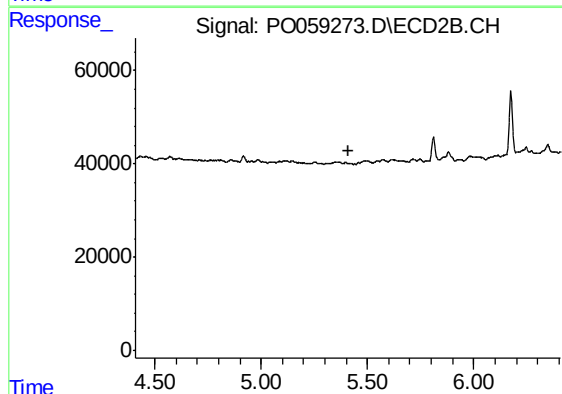
R.T.: 0.000 min
Exp R.T. : 5.023 min
Response: 0
Conc: N.D.



#25 AR-1248-5

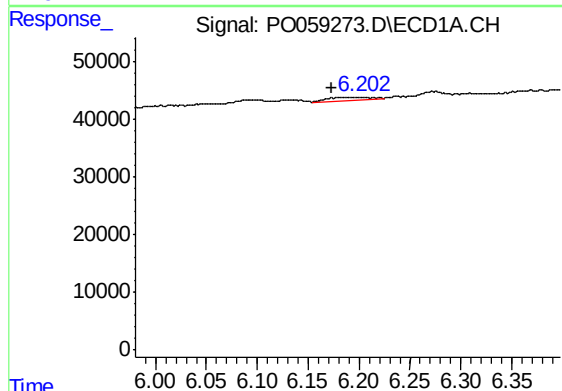
R.T.: 6.236 min
Delta R.T.: -0.003 min
Response: 2754
Conc: 1.43 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-39



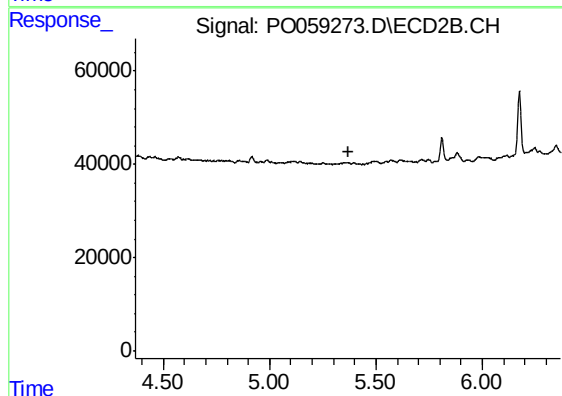
#25 AR-1248-5

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



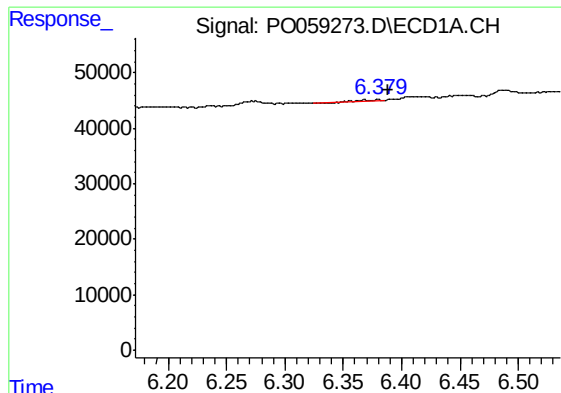
#26 AR-1254-1

R.T.: 6.202 min
Delta R.T.: 0.029 min
Response: 14948
Conc: 6.33 ng/ml



#26 AR-1254-1

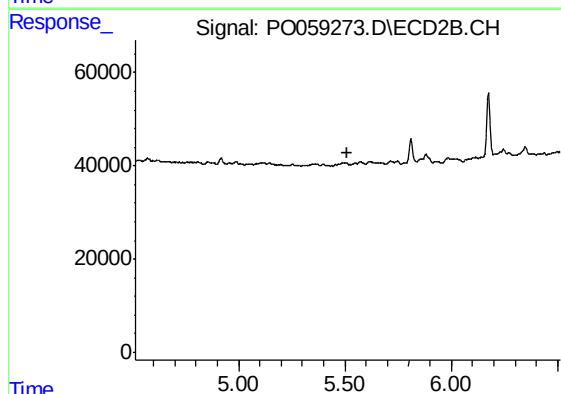
R.T.: 0.000 min
Exp R.T. : 5.368 min
Response: 0
Conc: N.D.



#27 AR-1254-2

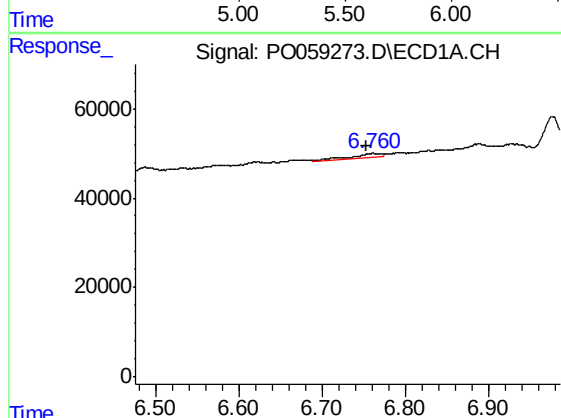
R.T.: 6.380 min
Delta R.T.: -0.009 min
Response: 2862
Conc: 0.74 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-39



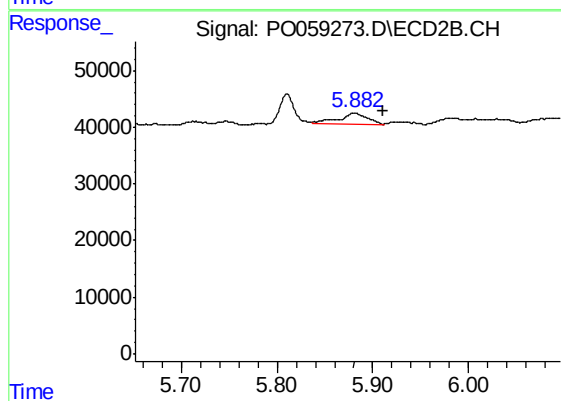
#27 AR-1254-2

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



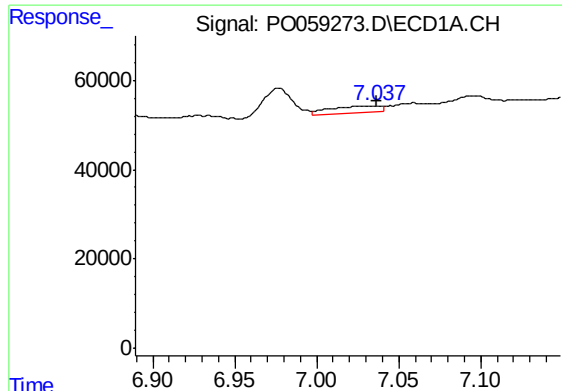
#28 AR-1254-3

R.T.: 6.761 min
Delta R.T.: 0.007 min
Response: 23767
Conc: 5.87 ng/ml



#28 AR-1254-3

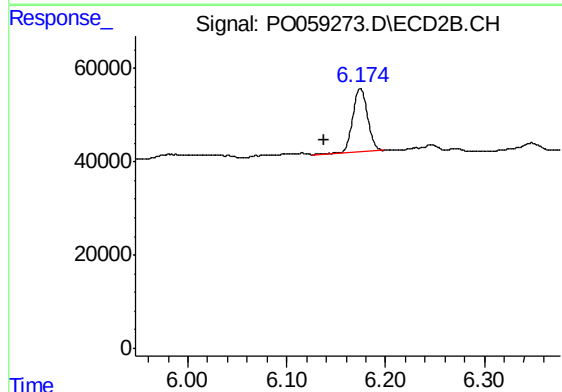
R.T.: 5.881 min
Delta R.T.: -0.030 min
Response: 41622
Conc: 11.31 ng/ml



#29 AR-1254-4

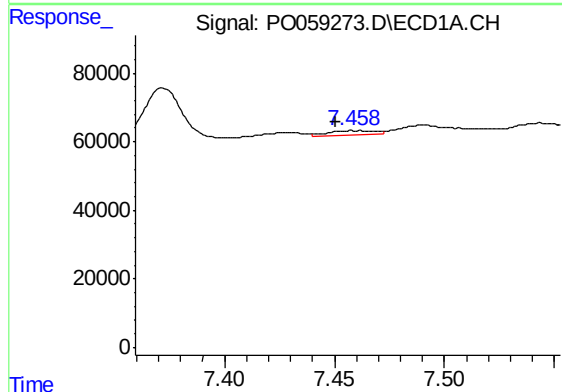
R.T.: 7.036 min
Delta R.T.: 0.000 min
Response: 30344
Conc: 8.43 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-39



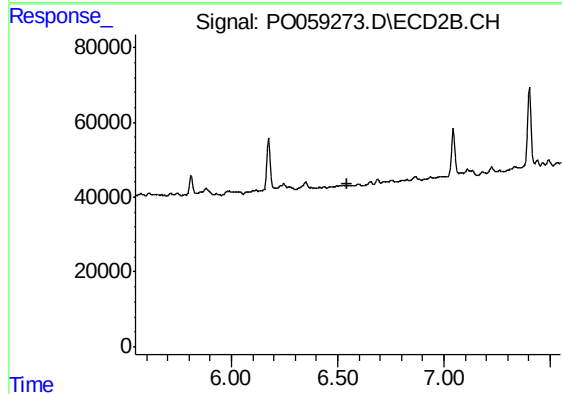
#29 AR-1254-4

R.T.: 6.175 min
Delta R.T.: 0.037 min
Response: 142106
Conc: 61.12 ng/ml



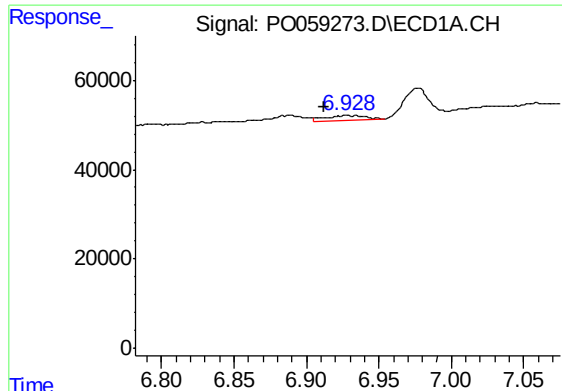
#30 AR-1254-5

R.T.: 7.459 min
Delta R.T.: 0.009 min
Response: 18970
Conc: 5.23 ng/ml



#30 AR-1254-5

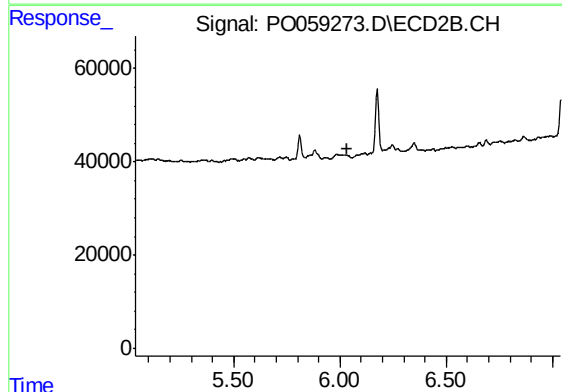
R.T.: 0.000 min
Exp R.T. : 6.548 min
Response: 0
Conc: N.D.



#31 AR-1260-1

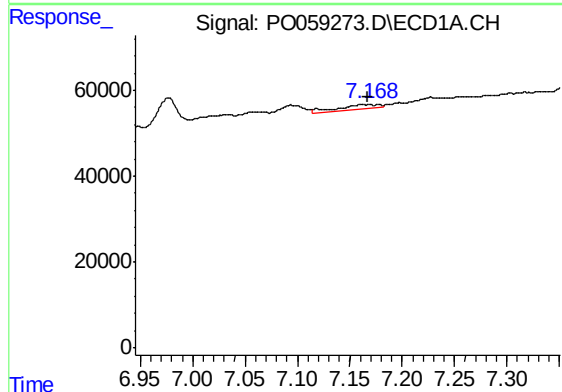
R.T.: 6.928 min
Delta R.T.: 0.016 min
Response: 21269
Conc: 7.39 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-39



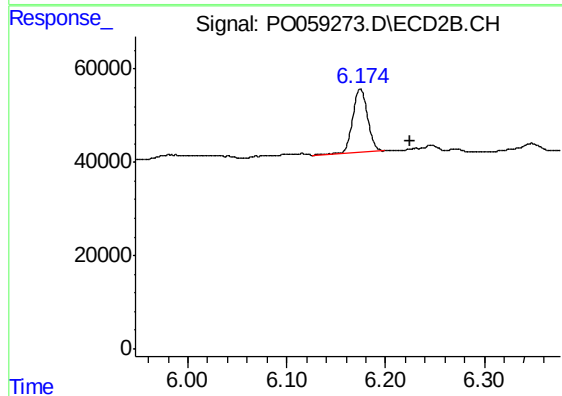
#31 AR-1260-1

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



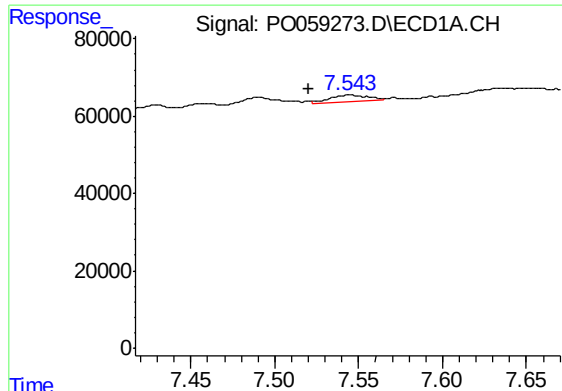
#32 AR-1260-2

R.T.: 7.169 min
Delta R.T.: 0.001 min
Response: 26934
Conc: 6.47 ng/ml



#32 AR-1260-2

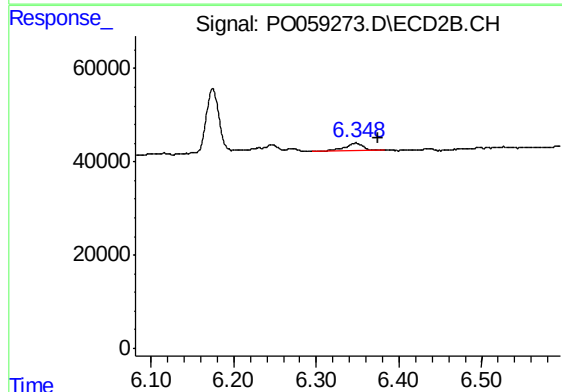
R.T.: 6.175 min
Delta R.T.: -0.050 min
Response: 142106
Conc: 46.91 ng/ml



#33 AR-1260-3

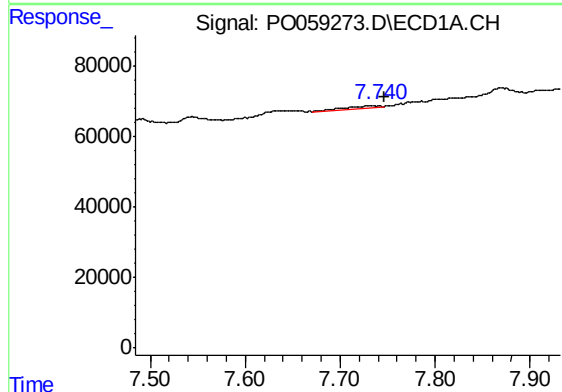
R.T.: 7.544 min
Delta R.T.: 0.024 min
Response: 26119
Conc: 7.01 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-39



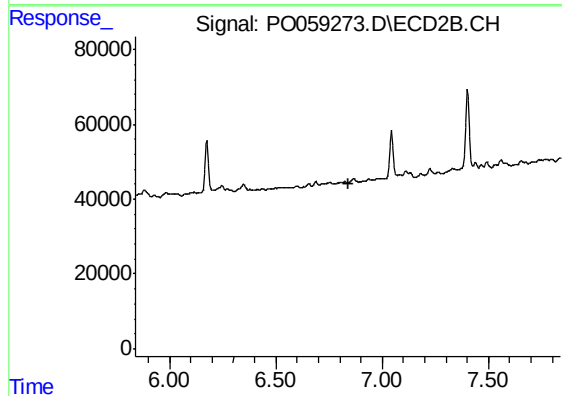
#33 AR-1260-3

R.T.: 6.348 min
Delta R.T.: -0.026 min
Response: 25608
Conc: 9.48 ng/ml



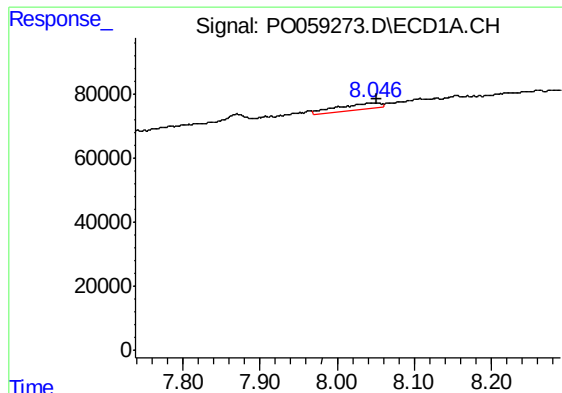
#34 AR-1260-4

R.T.: 7.741 min
Delta R.T.: -0.005 min
Response: 21505
Conc: 6.31 ng/ml



#34 AR-1260-4

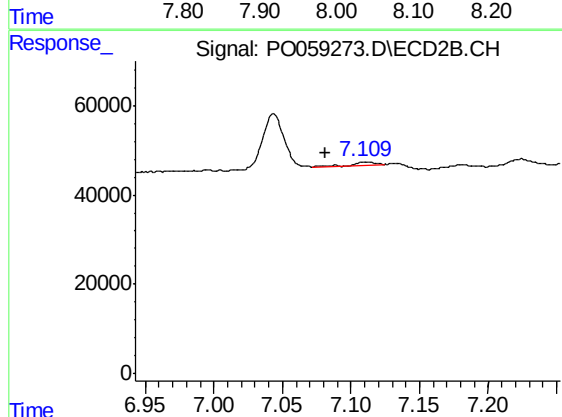
R.T.: 0.000 min
Exp R.T. : 6.839 min
Response: 0
Conc: N.D.



#35 AR-1260-5

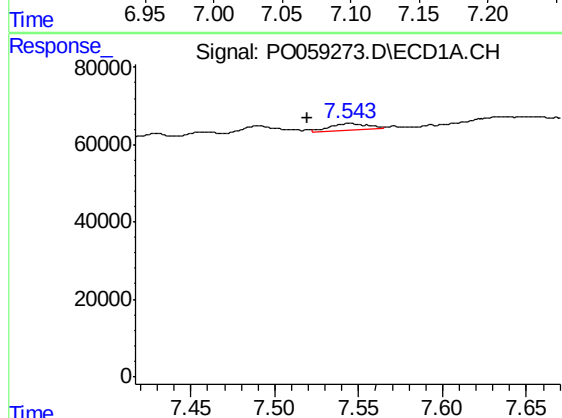
R.T.: 8.047 min
Delta R.T.: -0.004 min
Response: 79783
Conc: 10.85 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-39



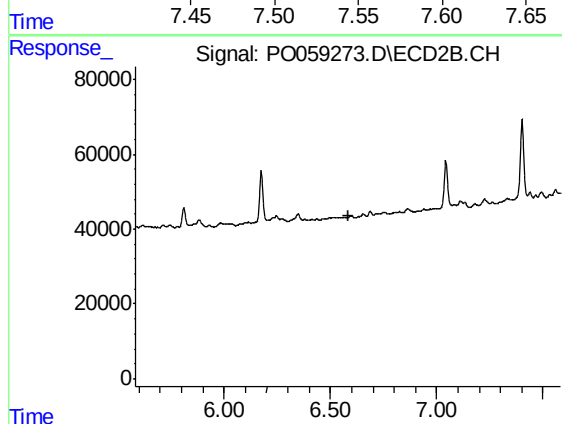
#35 AR-1260-5

R.T.: 7.110 min
Delta R.T.: 0.028 min
Response: 6400
Conc: 1.19 ng/ml



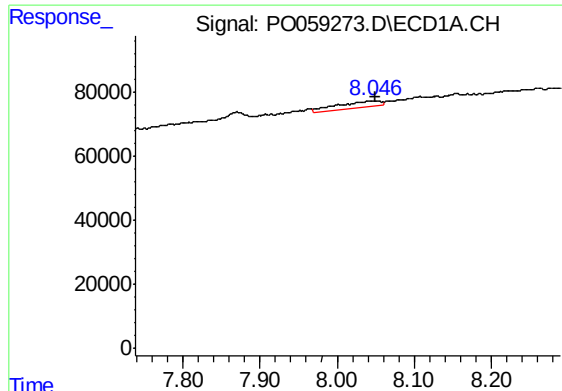
#36 AR-1262-1

R.T.: 7.544 min
Delta R.T.: 0.025 min
Response: 26119
Conc: 5.18 ng/ml



#36 AR-1262-1

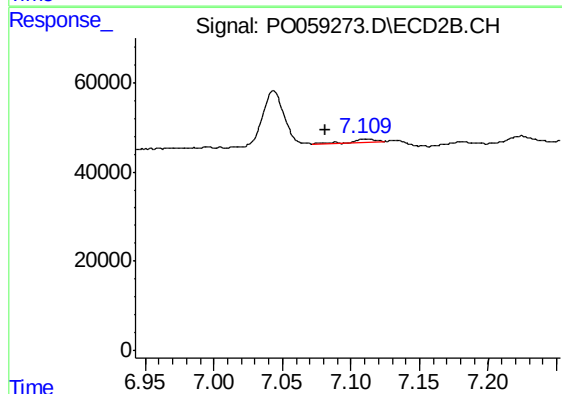
R.T.: 0.000 min
Exp R.T. : 6.583 min
Response: 0
Conc: N.D.



#37 AR-1262-2

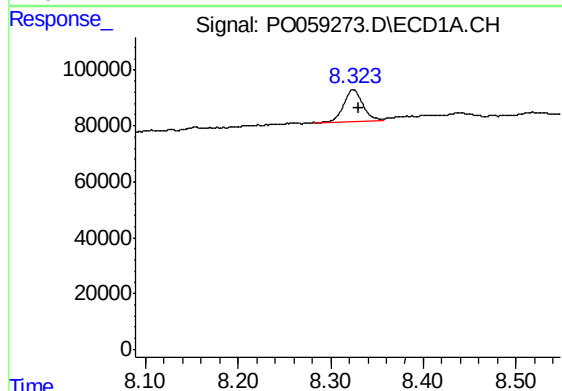
R.T.: 8.047 min
Delta R.T.: -0.003 min
Response: 79783
Conc: 10.02 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-39



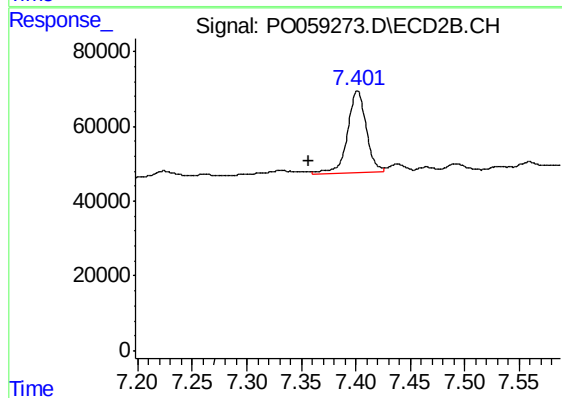
#37 AR-1262-2

R.T.: 7.110 min
Delta R.T.: 0.029 min
Response: 6400
Conc: 1.13 ng/ml



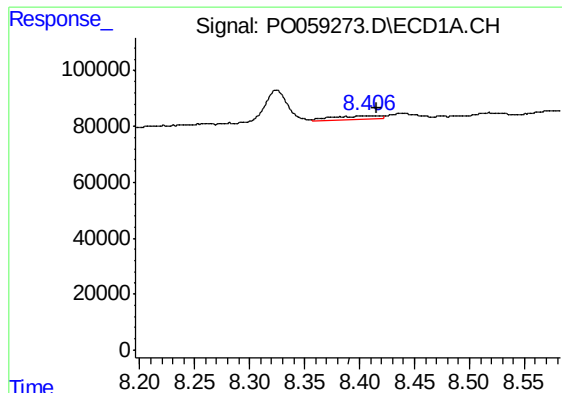
#38 AR-1262-3

R.T.: 8.324 min
Delta R.T.: -0.005 min
Response: 160640
Conc: 31.60 ng/ml



#38 AR-1262-3

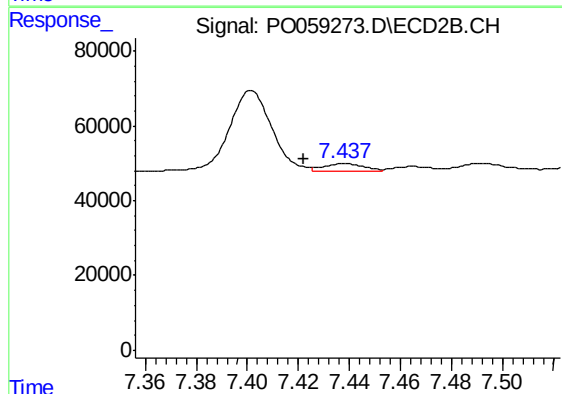
R.T.: 7.401 min
Delta R.T.: 0.045 min
Response: 261946
Conc: 106.13 ng/ml



#39 AR-1262-4

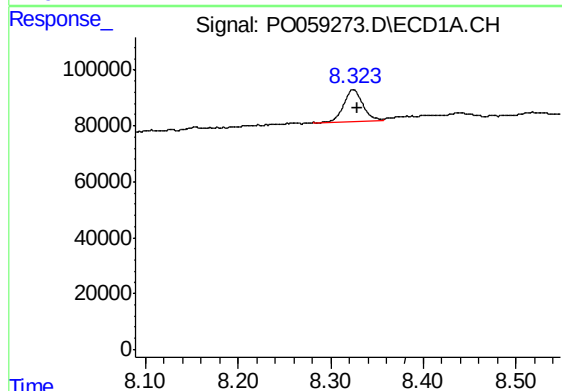
R.T.: 8.406 min
Delta R.T.: -0.009 min
Response: 42750
Conc: 11.28 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-39



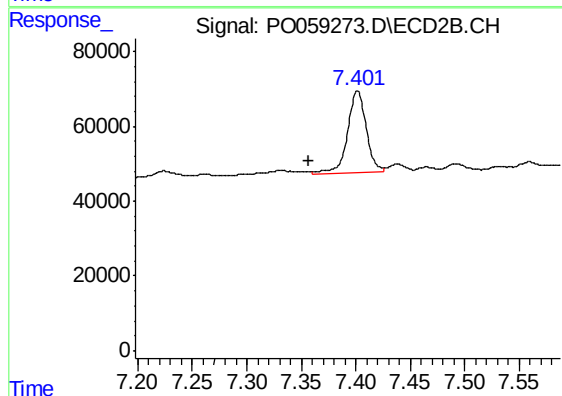
#39 AR-1262-4

R.T.: 7.438 min
Delta R.T.: 0.016 min
Response: 23029
Conc: 5.42 ng/ml



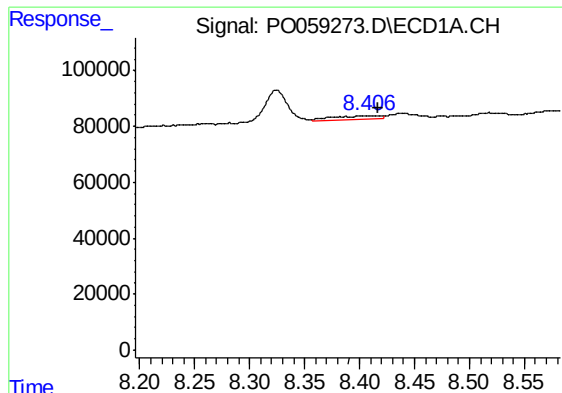
#41 AR-1268-1

R.T.: 8.324 min
Delta R.T.: -0.005 min
Response: 160640
Conc: 14.38 ng/ml



#41 AR-1268-1

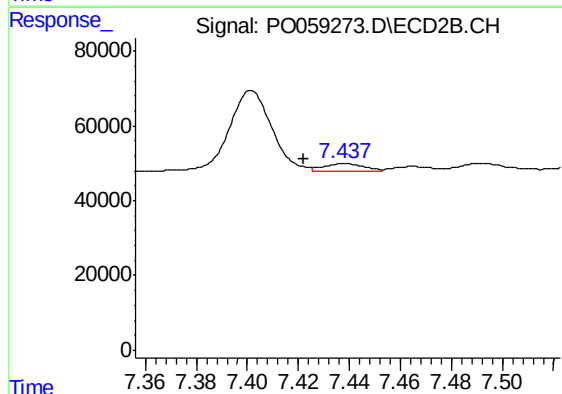
R.T.: 7.401 min
Delta R.T.: 0.045 min
Response: 261946
Conc: 32.16 ng/ml



#42 AR-1268-2

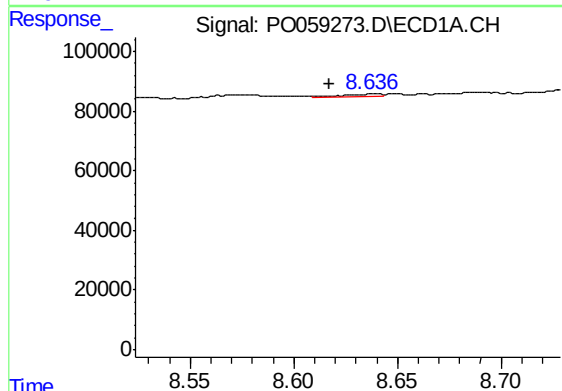
R.T.: 8.406 min
Delta R.T.: -0.011 min
Response: 42750
Conc: 4.55 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-39



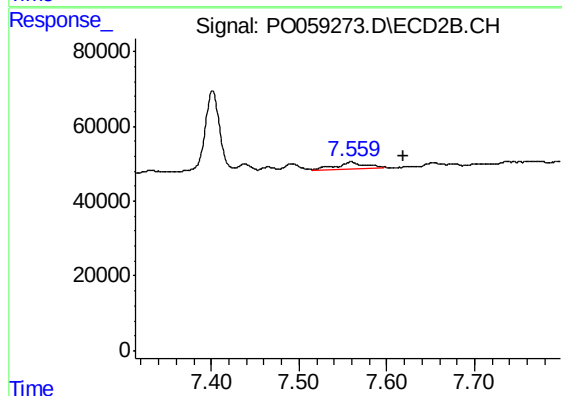
#42 AR-1268-2

R.T.: 7.438 min
Delta R.T.: 0.016 min
Response: 23029
Conc: 3.04 ng/ml



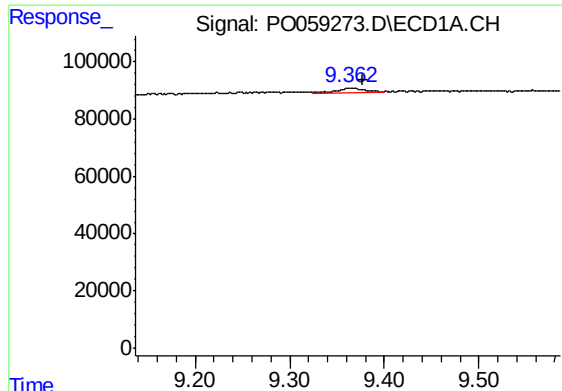
#43 AR-1268-3

R.T.: 8.638 min
Delta R.T.: 0.021 min
Response: 15019
Conc: 1.82 ng/ml



#43 AR-1268-3

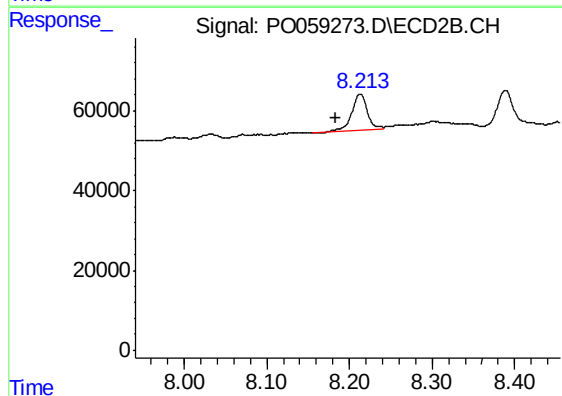
R.T.: 7.559 min
Delta R.T.: -0.060 min
Response: 34785
Conc: 5.44 ng/ml



#45 AR-1268-5

R.T.: 9.363 min
Delta R.T.: -0.014 min
Response: 37035
Conc: 1.72 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-39



#45 AR-1268-5

R.T.: 8.213 min
Delta R.T.: 0.030 min
Response: 114823
Conc: 6.70 ng/ml