

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0080719\
 Data File : P0058997.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 07 Aug 2019 19:37
 Operator : SM/SJ
 Sample : K4189-02 10X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 HA-23

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 08 08:20:01 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...	4.153	3.516	97521	101804	2.311	2.548
2)	SA Decachlor...	9.660	8.397	147240	105836	2.719	2.681
Target Compounds							
3)	L1 AR-1016-1	5.375	0.000	2211	0	1.180	N.D. #
4)	L1 AR-1016-2	5.375	0.000	2211	0	0.803	N.D. #
5)	L1 AR-1016-3	5.422	0.000	2042	0	1.202	N.D. #
6)	L1 AR-1016-4	5.535	0.000	4390	0	3.138	N.D. #
8)	L2 AR-1221-1	4.444	0.000	11286	0	24.845	N.D. #
9)	L2 AR-1221-2	4.501	0.000	5161	0	14.969	N.D. #
10)	L2 AR-1221-3	4.534	0.000	4645	0	4.236	N.D. #
11)	L3 AR-1232-1	4.534	0.000	4645	0	5.146	N.D. #
12)	L3 AR-1232-2	5.086	0.000	1719	0	3.495	N.D. #
13)	L3 AR-1232-3	5.375	0.000	2211	0	2.064	N.D. #
14)	L3 AR-1232-4	5.535	0.000	4390	0	8.235	N.D. #
15)	L3 AR-1232-5	5.613	0.000	7622	0	18.678	N.D. #
16)	L4 AR-1242-1	5.375	0.000	2211	0	1.726	N.D. #
17)	L4 AR-1242-2	5.375	0.000	2211	0	1.169	N.D. #
18)	L4 AR-1242-3	5.422	0.000	2042	0	1.740	N.D. #
19)	L4 AR-1242-4	5.535	0.000	4390	0	4.568	N.D. #
20)	L4 AR-1242-5	6.245	0.000	5601	0	4.768	N.D. #
21)	L5 AR-1248-1	5.375	0.000	2211	0	2.186	N.D. #
22)	L5 AR-1248-2	5.613	0.000	7622	0	5.272	N.D. #
24)	L5 AR-1248-4	6.215	0.000	2026	0	1.000	N.D. #
25)	L5 AR-1248-5	6.245	0.000	5601	0	2.901	N.D. #
26)	L6 AR-1254-1	6.178	0.000	32879	0	13.924	N.D. #
27)	L6 AR-1254-2	6.381	0.000	1253	0	0.325	N.D. #
28)	L6 AR-1254-3	6.766	0.000	15257	0	3.767	N.D. #
29)	L6 AR-1254-4	7.040	0.000	919	0	0.255	N.D. #
30)	L6 AR-1254-5	7.434	0.000	25661	0	7.079	N.D. #
31)	L7 AR-1260-1	6.903	0.000	1280	0	0.444	N.D. #
32)	L7 AR-1260-2	7.149	0.000	20421	0	4.909	N.D. #
33)	L7 AR-1260-3	7.527	0.000	5032	0	1.351	N.D. #
34)	L7 AR-1260-4	7.762	0.000	10001	0	2.935	N.D. #
35)	L7 AR-1260-5	8.036	7.066	104036	32485	14.145	6.032 #
36)	L8 AR-1262-1	7.527	0.000	5032	0	0.998	N.D. #
37)	L8 AR-1262-2	8.036	7.066	104036	32485	13.071	5.754 #
38)	L8 AR-1262-3	8.338	7.342	40271	15334	7.922	6.213
39)	L8 AR-1262-4	8.408	7.391	16012	52864	4.225	12.450 #
40)	L8 AR-1262-5	9.003	0.000	19392	0	8.441	N.D. #
41)	L9 AR-1268-1	8.338	7.342	40271	15334	3.605	1.883 #
42)	L9 AR-1268-2	8.408	7.391	16012	52864	1.705	6.977 #
43)	L9 AR-1268-3	8.610	0.000	53007	0	6.418	N.D. #
44)	L9 AR-1268-4	9.003	0.000	19392	0	6.487	N.D. #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0080719\
Data File : P0058997.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 07 Aug 2019 19:37
Operator : SM/SJ
Sample : K4189-02 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
HA-23

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 08 08:20:01 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	9.374	0.000	9664	0	0.450	N.D. #

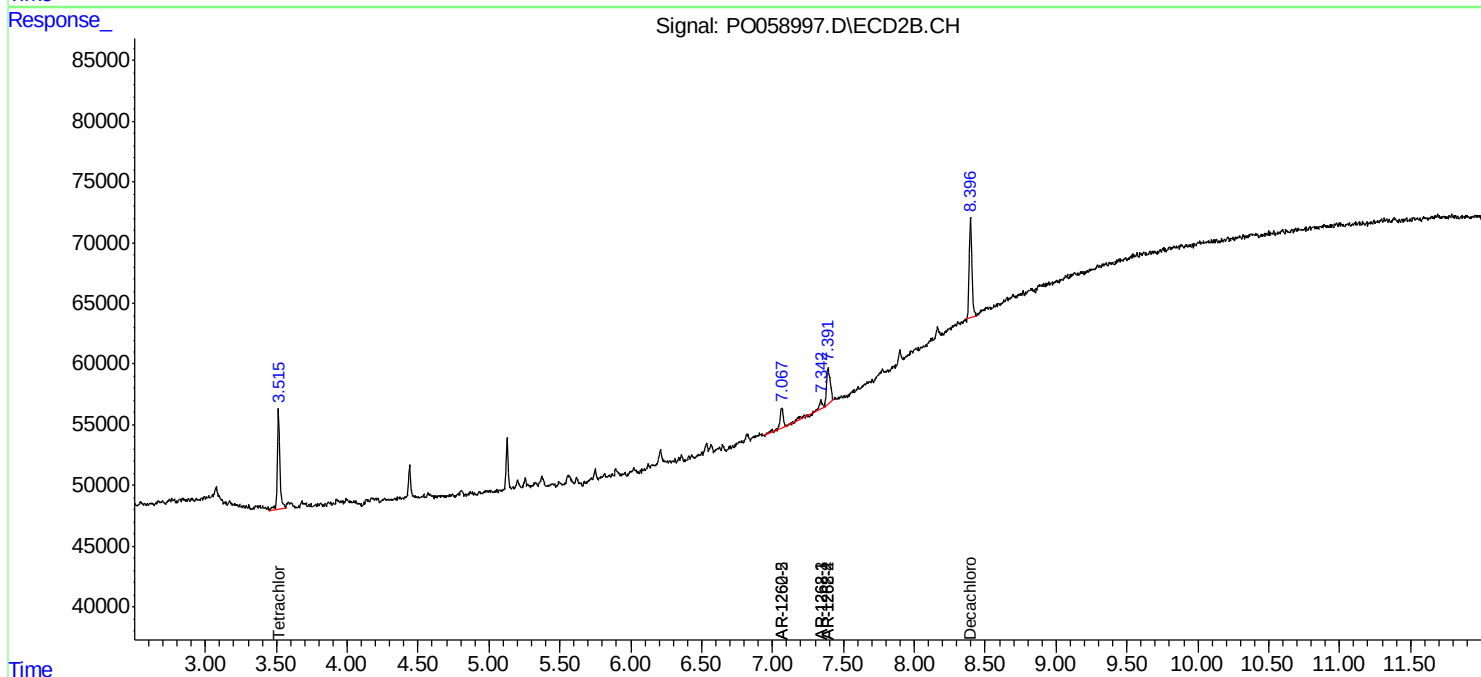
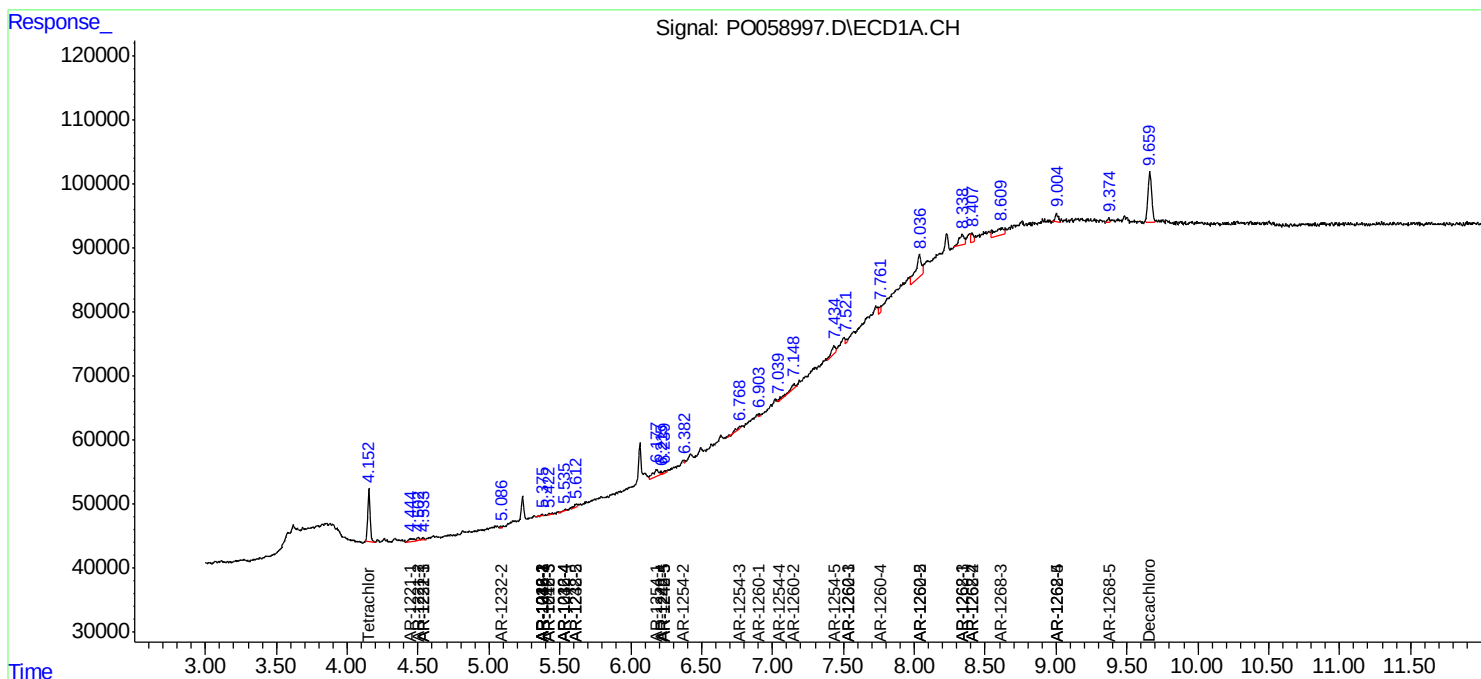
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

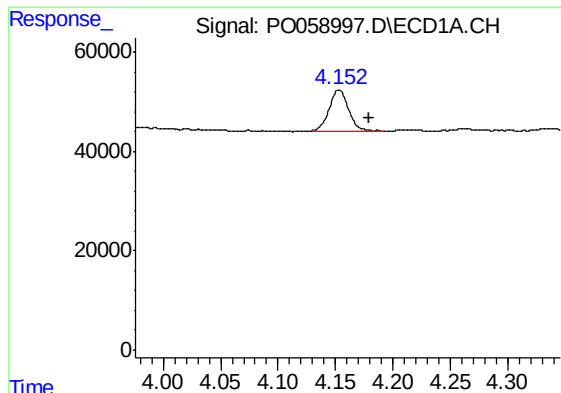
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO080719\
Data File : PO058997.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 07 Aug 2019 19:37
Operator : SM/SJ
Sample : K4189-02 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampled :
HA-23

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 08 08:20:01 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

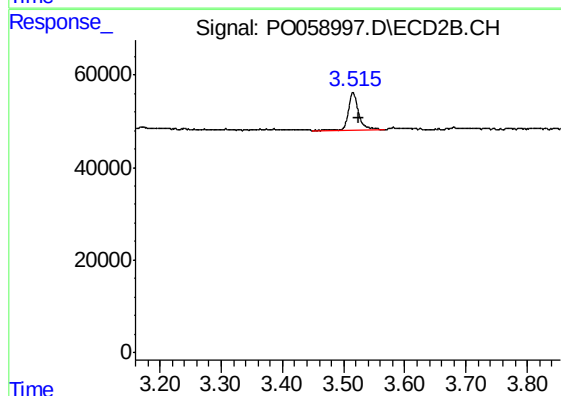




#1 Tetrachloro-m-xylene

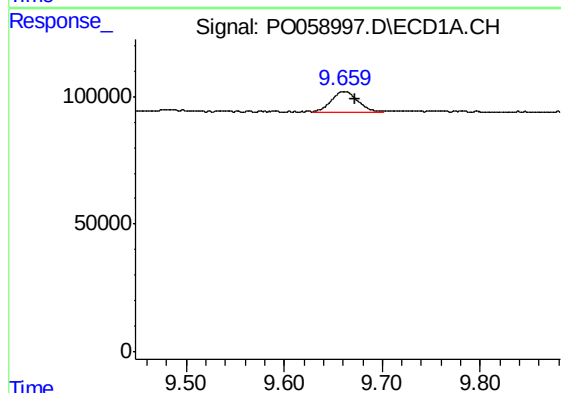
R.T.: 4.153 min
Delta R.T.: -0.026 min
Response: 97521
Conc: 2.31 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-23



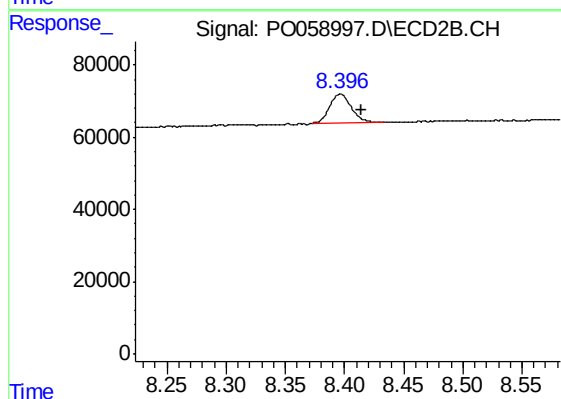
#1 Tetrachloro-m-xylene

R.T.: 3.516 min
Delta R.T.: -0.009 min
Response: 101804
Conc: 2.55 ng/ml



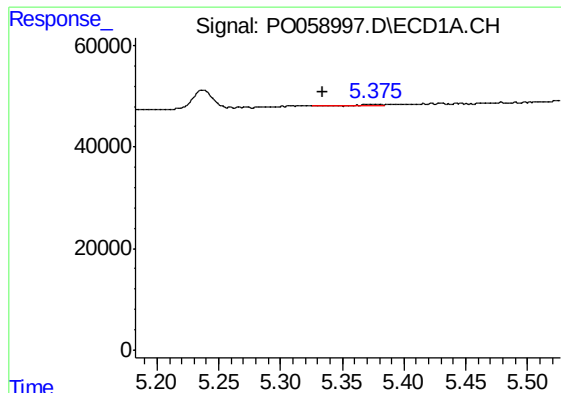
#2 Decachlorobiphenyl

R.T.: 9.660 min
Delta R.T.: -0.012 min
Response: 147240
Conc: 2.72 ng/ml



#2 Decachlorobiphenyl

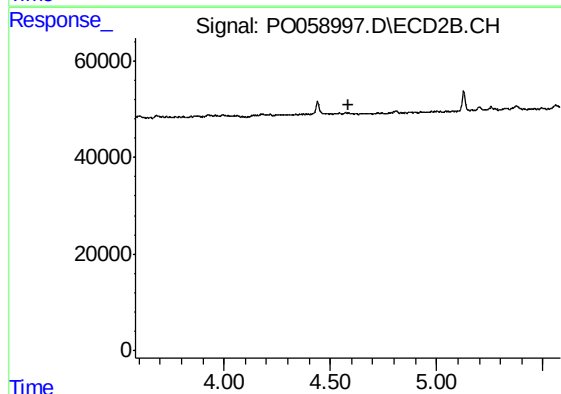
R.T.: 8.397 min
Delta R.T.: -0.017 min
Response: 105836
Conc: 2.68 ng/ml



#3 AR-1016-1

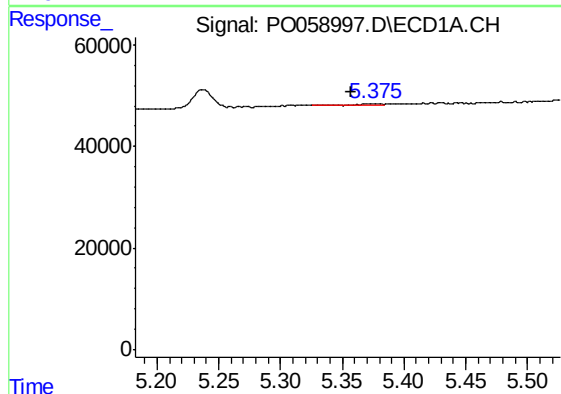
R.T.: 5.375 min
Delta R.T.: 0.040 min
Response: 2211
Conc: 1.18 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-23



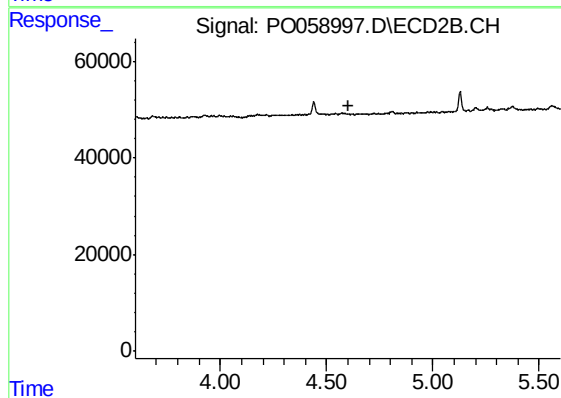
#3 AR-1016-1

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



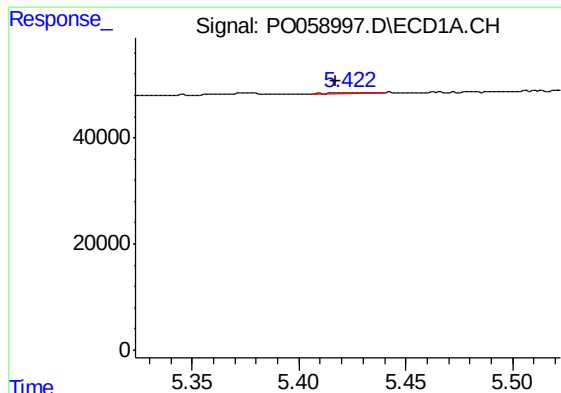
#4 AR-1016-2

R.T.: 5.375 min
Delta R.T.: 0.018 min
Response: 2211
Conc: 0.80 ng/ml



#4 AR-1016-2

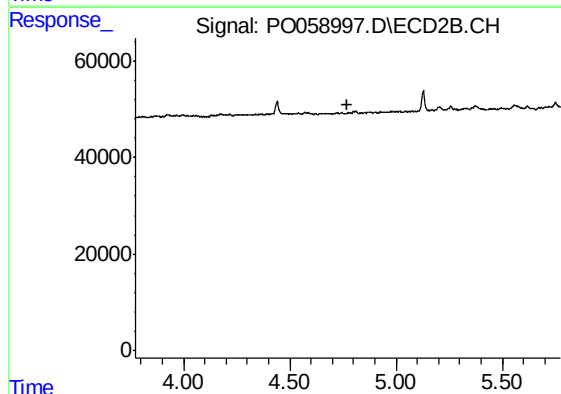
R.T.: 0.000 min
Exp R.T. : 4.601 min
Response: 0
Conc: N.D.



#5 AR-1016-3

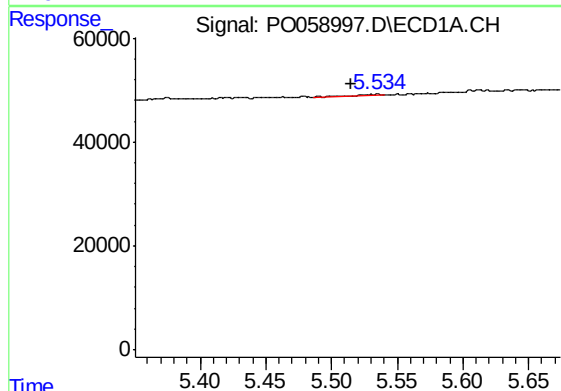
R.T.: 5.422 min
Delta R.T.: 0.005 min
Response: 2042
Conc: 1.20 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-23



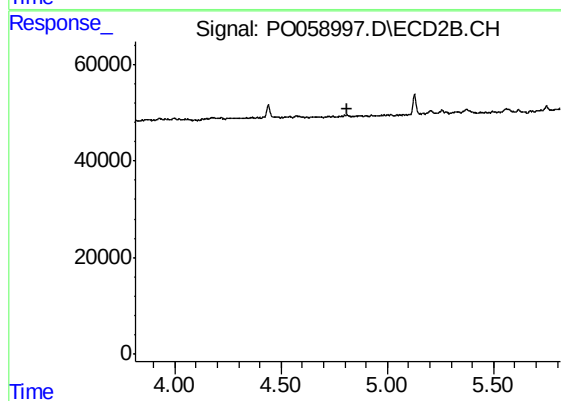
#5 AR-1016-3

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



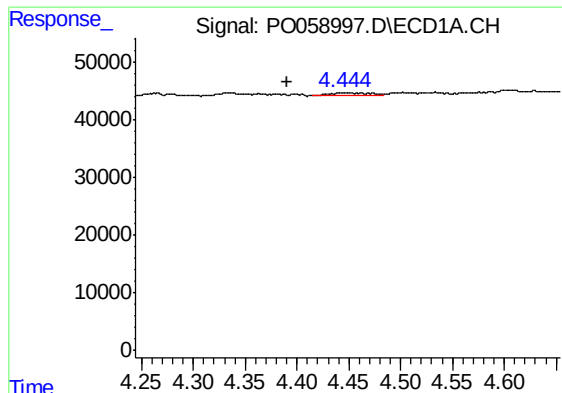
#6 AR-1016-4

R.T.: 5.535 min
Delta R.T.: 0.020 min
Response: 4390
Conc: 3.14 ng/ml



#6 AR-1016-4

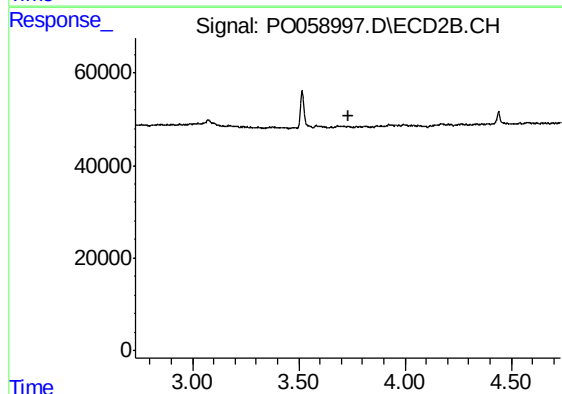
R.T.: 0.000 min
Exp R.T. : 4.815 min
Response: 0
Conc: N.D.



#8 AR-1221-1

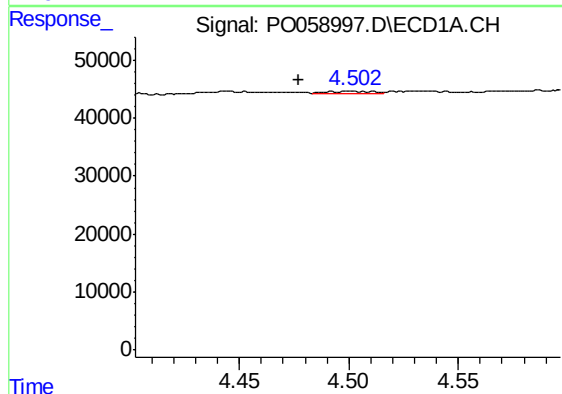
R.T.: 4.444 min
Delta R.T.: 0.053 min
Response: 11286
Conc: 24.85 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-23



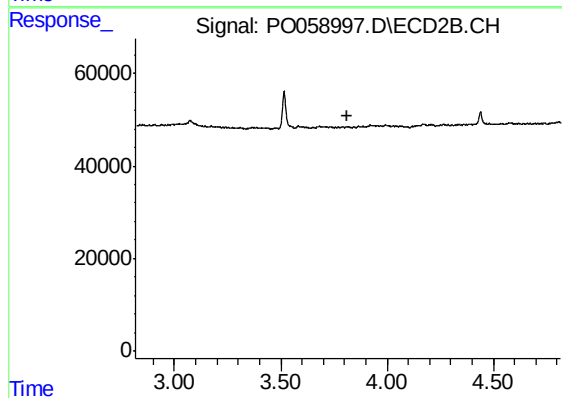
#8 AR-1221-1

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



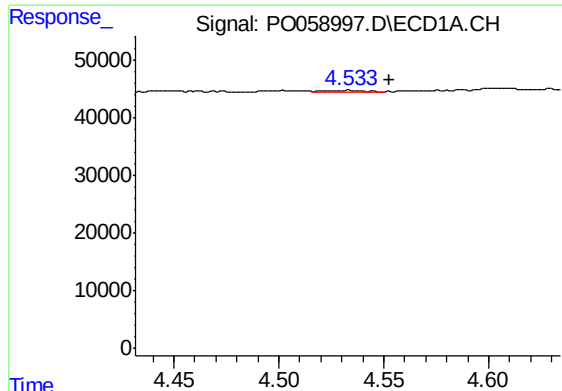
#9 AR-1221-2

R.T.: 4.501 min
Delta R.T.: 0.024 min
Response: 5161
Conc: 14.97 ng/ml



#9 AR-1221-2

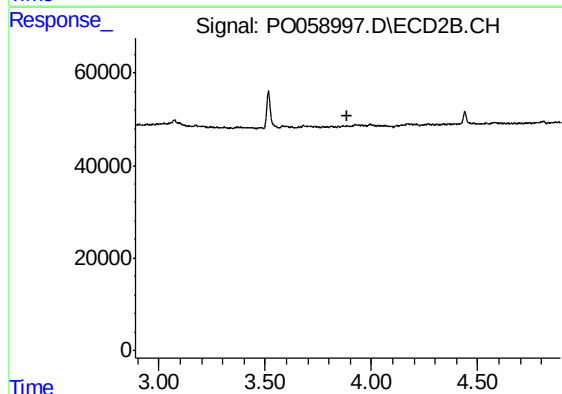
R.T.: 0.000 min
Exp R.T. : 3.816 min
Response: 0
Conc: N.D.



#10 AR-1221-3

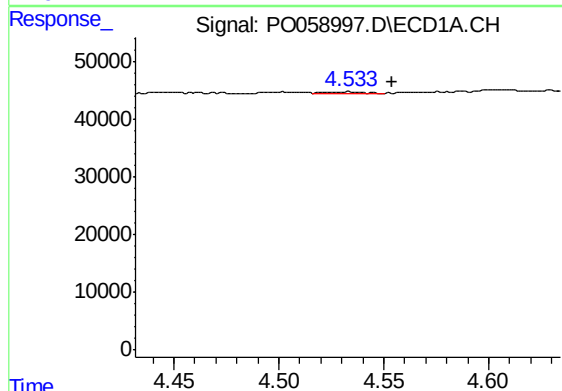
R.T.: 4.534 min
Delta R.T.: -0.019 min
Response: 4645
Conc: 4.24 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-23



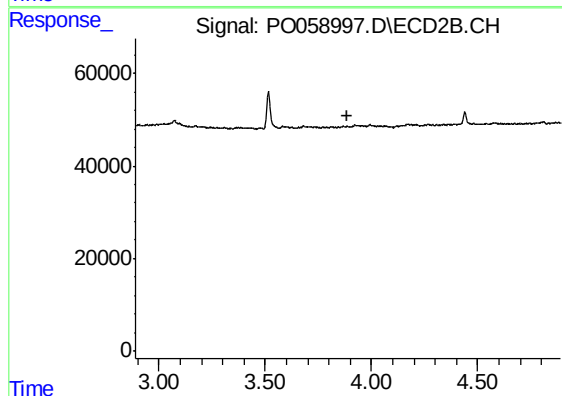
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 3.889 min
Response: 0
Conc: N.D.



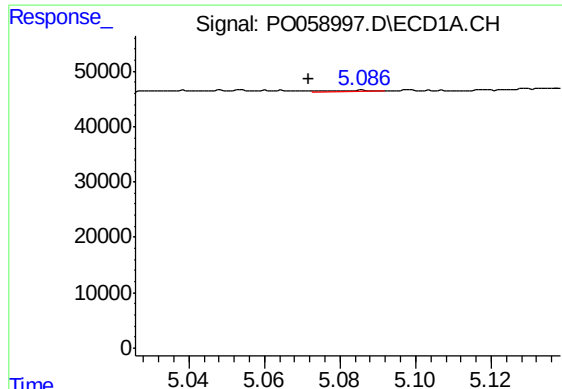
#11 AR-1232-1

R.T.: 4.534 min
Delta R.T.: -0.020 min
Response: 4645
Conc: 5.15 ng/ml



#11 AR-1232-1

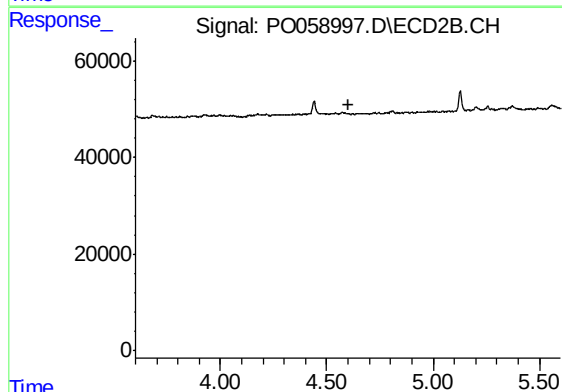
R.T.: 0.000 min
Exp R.T. : 3.889 min
Response: 0
Conc: N.D.



#12 AR-1232-2

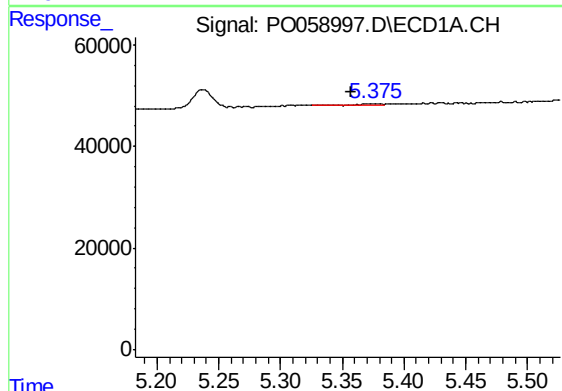
R.T.: 5.086 min
Delta R.T.: 0.014 min
Response: 1719
Conc: 3.49 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-23



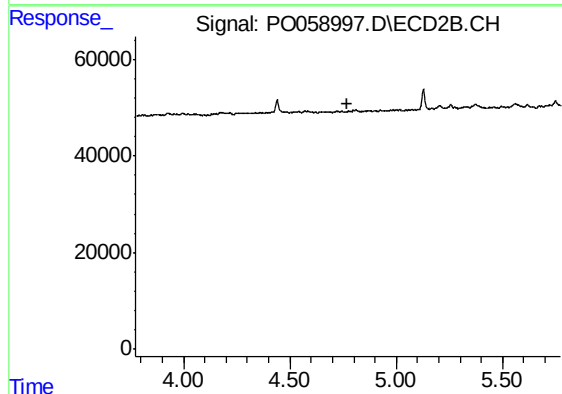
#12 AR-1232-2

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



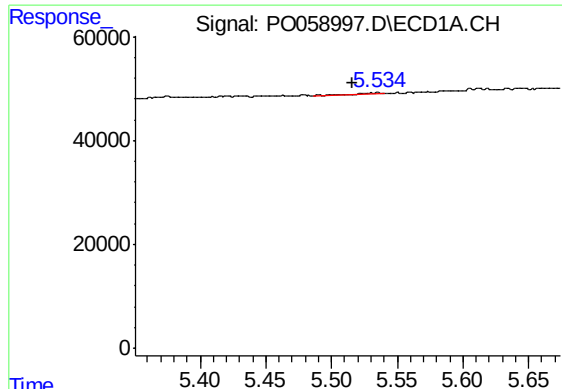
#13 AR-1232-3

R.T.: 5.375 min
Delta R.T.: 0.018 min
Response: 2211
Conc: 2.06 ng/ml



#13 AR-1232-3

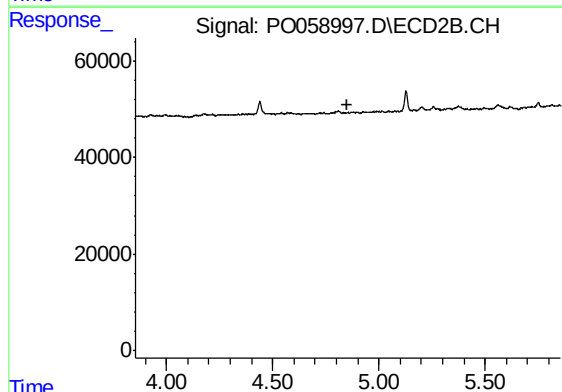
R.T.: 0.000 min
Exp R.T. : 4.773 min
Response: 0
Conc: N.D.



#14 AR-1232-4

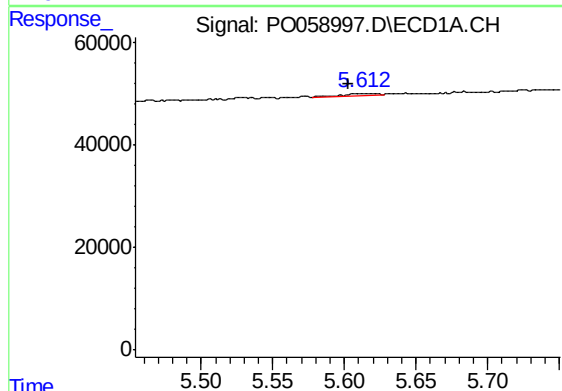
R.T.: 5.535 min
Delta R.T.: 0.019 min
Response: 4390
Conc: 8.24 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-23



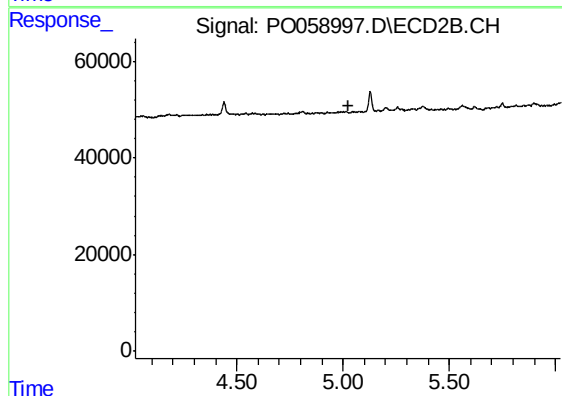
#14 AR-1232-4

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



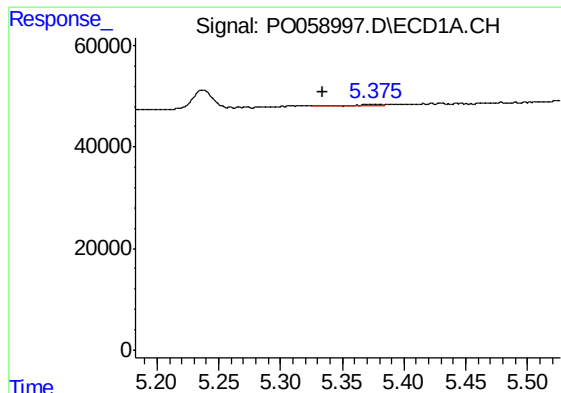
#15 AR-1232-5

R.T.: 5.613 min
Delta R.T.: 0.009 min
Response: 7622
Conc: 18.68 ng/ml



#15 AR-1232-5

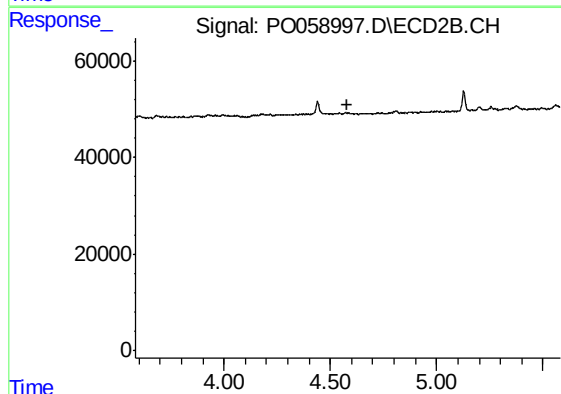
R.T.: 0.000 min
Exp R.T. : 5.023 min
Response: 0
Conc: N.D.



#16 AR-1242-1

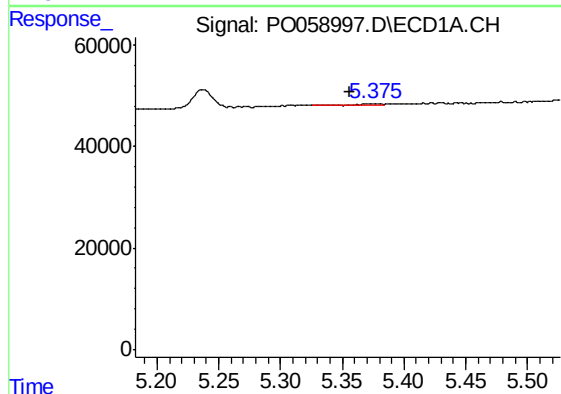
R.T.: 5.375 min
Delta R.T.: 0.040 min
Response: 2211
Conc: 1.73 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-23



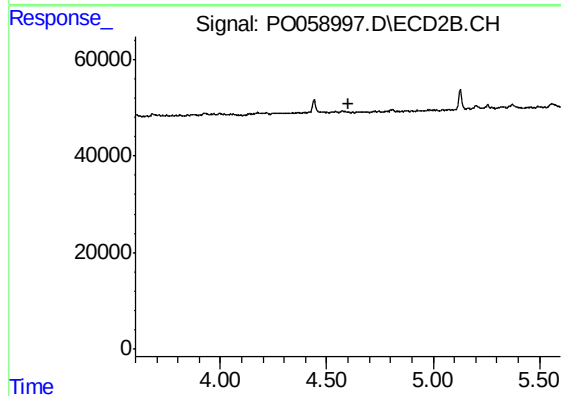
#16 AR-1242-1

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



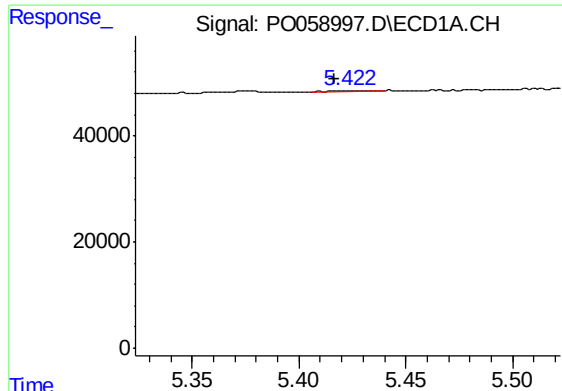
#17 AR-1242-2

R.T.: 5.375 min
Delta R.T.: 0.019 min
Response: 2211
Conc: 1.17 ng/ml



#17 AR-1242-2

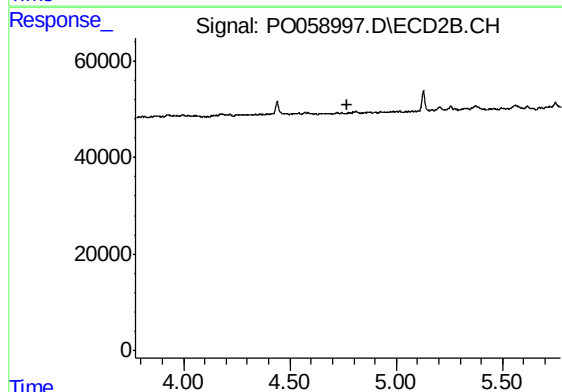
R.T.: 0.000 min
Exp R.T. : 4.600 min
Response: 0
Conc: N.D.



#18 AR-1242-3

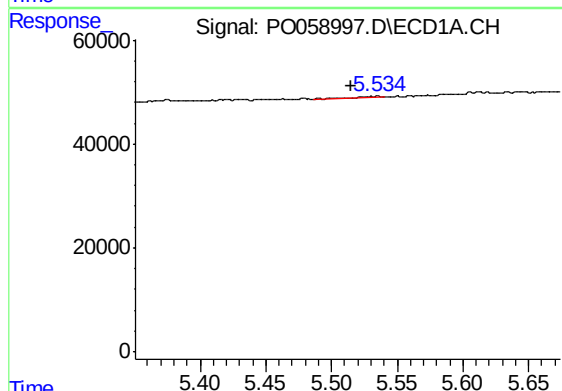
R.T.: 5.422 min
Delta R.T.: 0.006 min
Response: 2042
Conc: 1.74 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-23



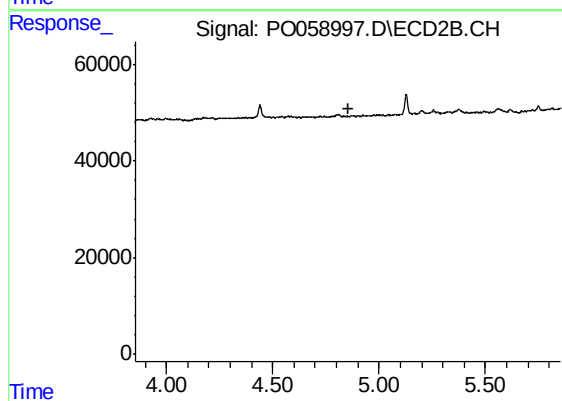
#18 AR-1242-3

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



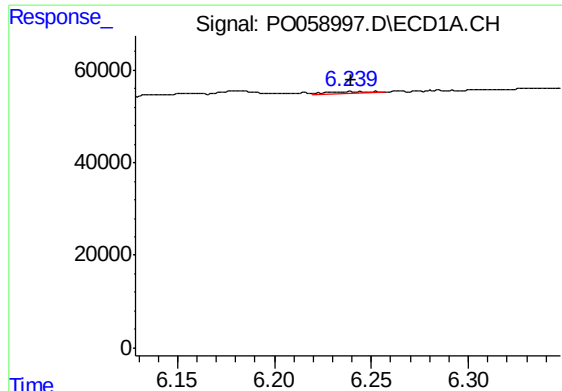
#19 AR-1242-4

R.T.: 5.535 min
Delta R.T.: 0.020 min
Response: 4390
Conc: 4.57 ng/ml



#19 AR-1242-4

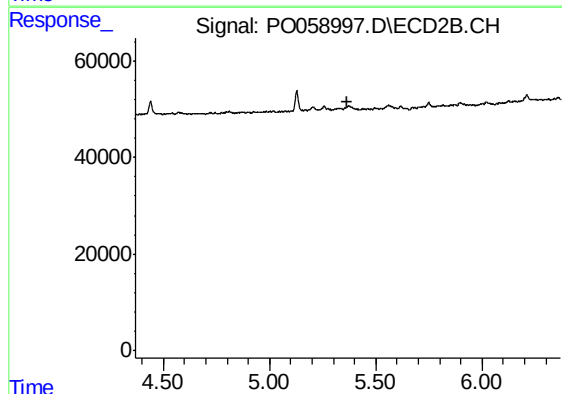
R.T.: 0.000 min
Exp R.T. : 4.854 min
Response: 0
Conc: N.D.



#20 AR-1242-5

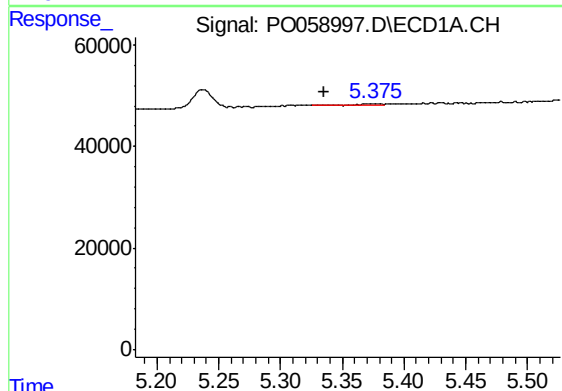
R.T.: 6.245 min
Delta R.T.: 0.005 min
Response: 5601
Conc: 4.77 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-23



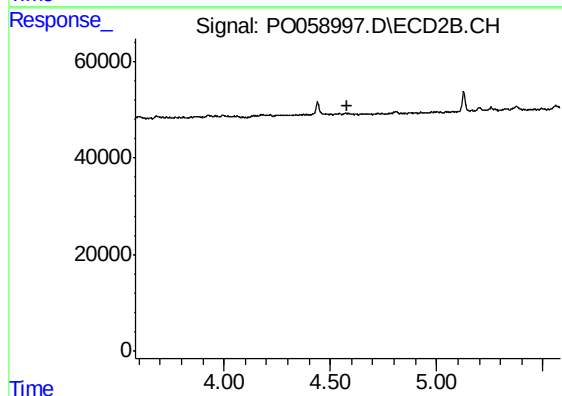
#20 AR-1242-5

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



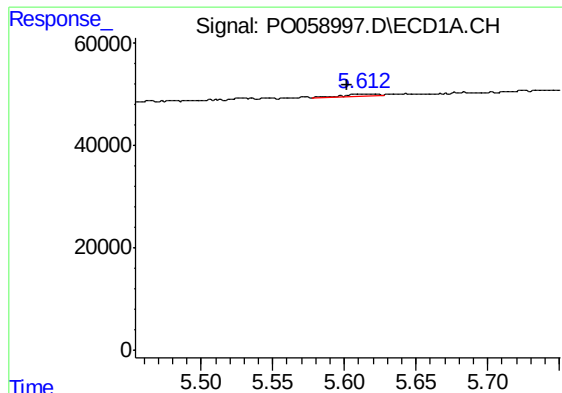
#21 AR-1248-1

R.T.: 5.375 min
Delta R.T.: 0.039 min
Response: 2211
Conc: 2.19 ng/ml



#21 AR-1248-1

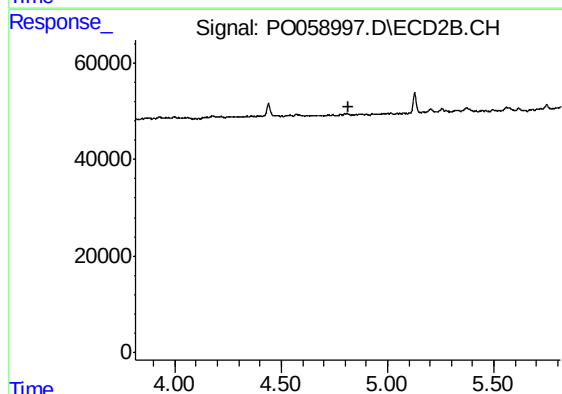
R.T.: 0.000 min
Exp R.T. : 4.583 min
Response: 0
Conc: N.D.



#22 AR-1248-2

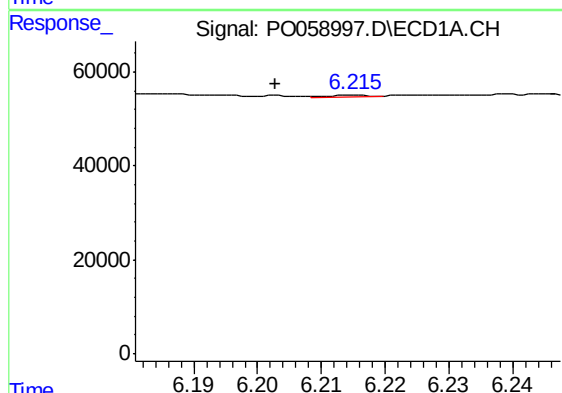
R.T.: 5.613 min
Delta R.T.: 0.010 min
Response: 7622
Conc: 5.27 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-23



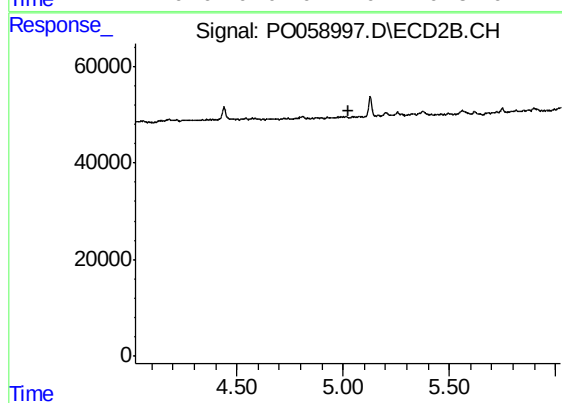
#22 AR-1248-2

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



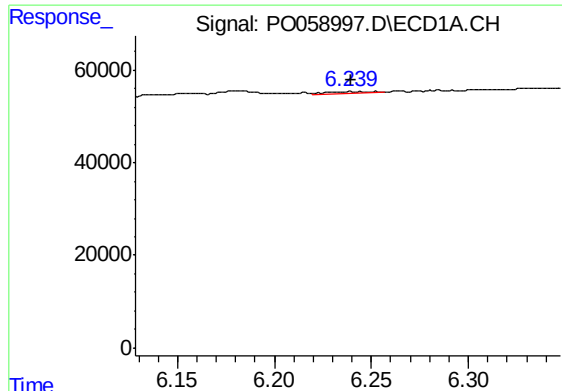
#24 AR-1248-4

R.T.: 6.215 min
Delta R.T.: 0.012 min
Response: 2026
Conc: 1.00 ng/ml



#24 AR-1248-4

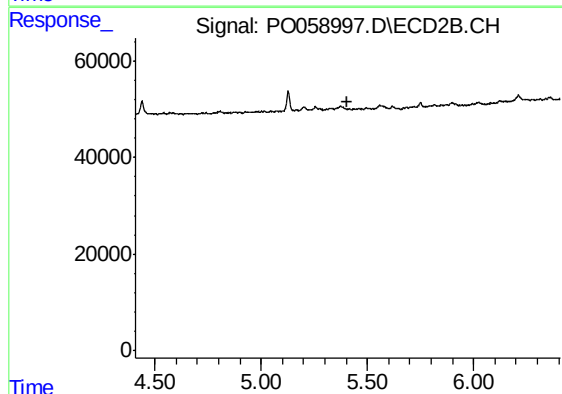
R.T.: 0.000 min
Exp R.T. : 5.023 min
Response: 0
Conc: N.D.



#25 AR-1248-5

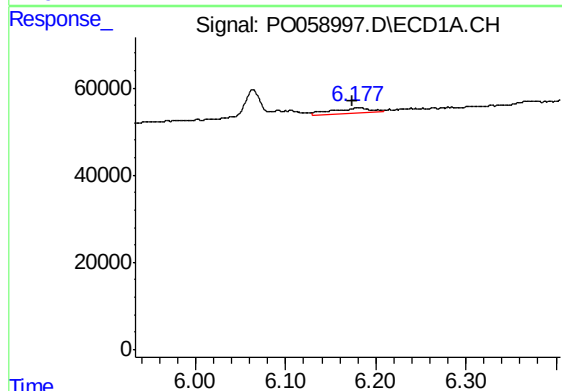
R.T.: 6.245 min
Delta R.T.: 0.005 min
Response: 5601
Conc: 2.90 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-23



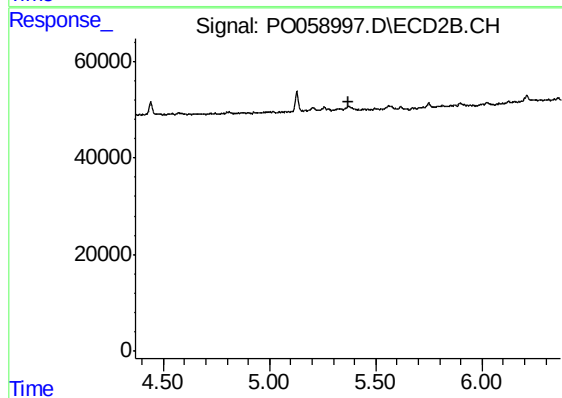
#25 AR-1248-5

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



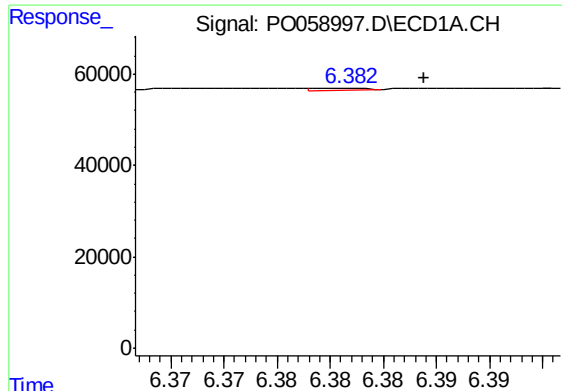
#26 AR-1254-1

R.T.: 6.178 min
Delta R.T.: 0.005 min
Response: 32879
Conc: 13.92 ng/ml



#26 AR-1254-1

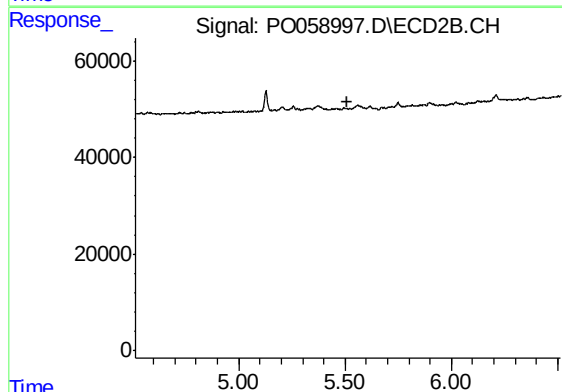
R.T.: 0.000 min
Exp R.T. : 5.368 min
Response: 0
Conc: N.D.



#27 AR-1254-2

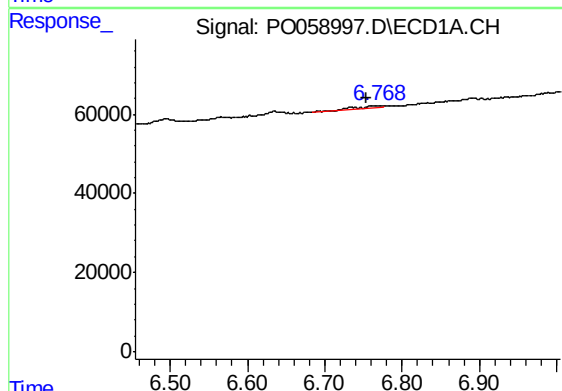
R.T.: 6.381 min
Delta R.T.: -0.008 min
Response: 1253
Conc: 0.33 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-23



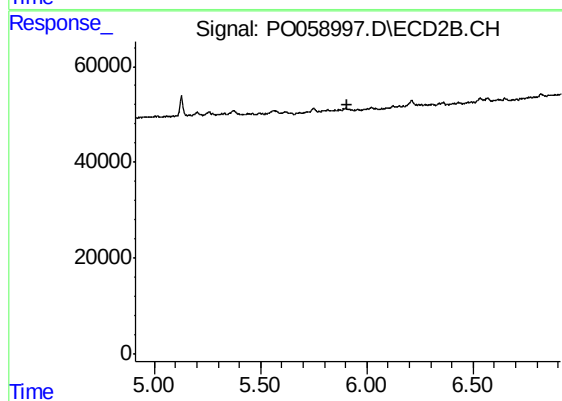
#27 AR-1254-2

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



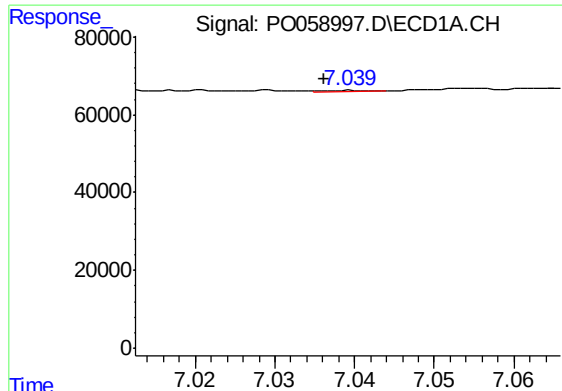
#28 AR-1254-3

R.T.: 6.766 min
Delta R.T.: 0.013 min
Response: 15257
Conc: 3.77 ng/ml



#28 AR-1254-3

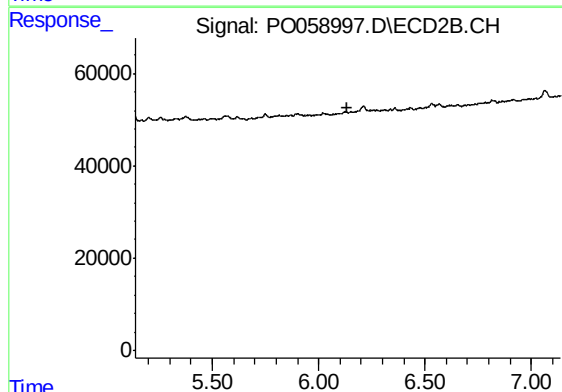
R.T.: 0.000 min
Exp R.T. : 5.911 min
Response: 0
Conc: N.D.



#29 AR-1254-4

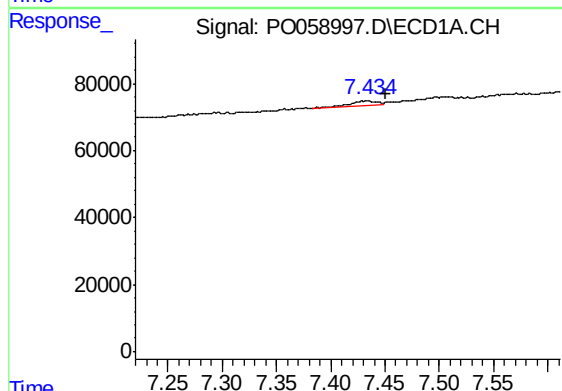
R.T.: 7.040 min
Delta R.T.: 0.004 min
Response: 919
Conc: 0.26 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-23



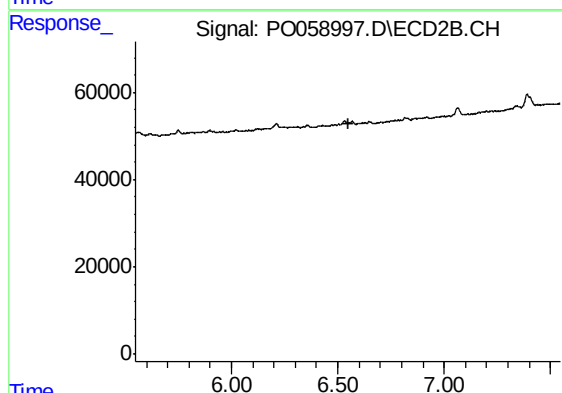
#29 AR-1254-4

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



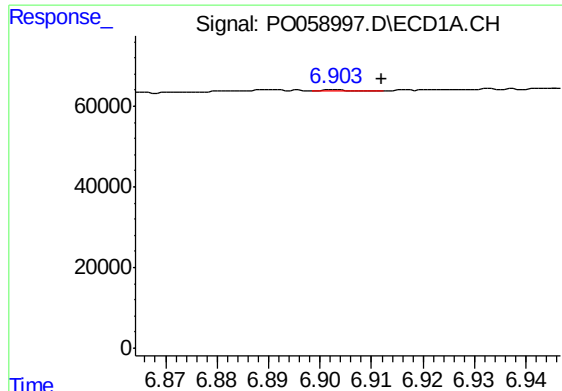
#30 AR-1254-5

R.T.: 7.434 min
Delta R.T.: -0.017 min
Response: 25661
Conc: 7.08 ng/ml



#30 AR-1254-5

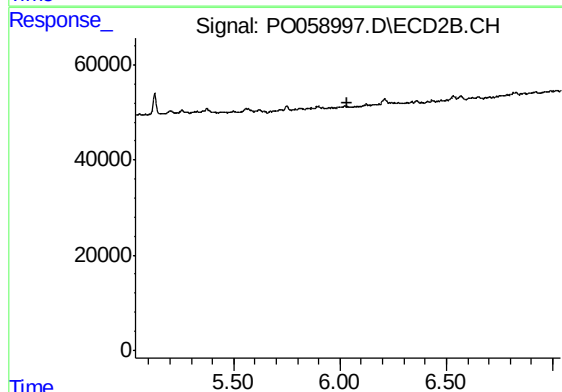
R.T.: 0.000 min
Exp R.T. : 6.548 min
Response: 0
Conc: N.D.



#31 AR-1260-1

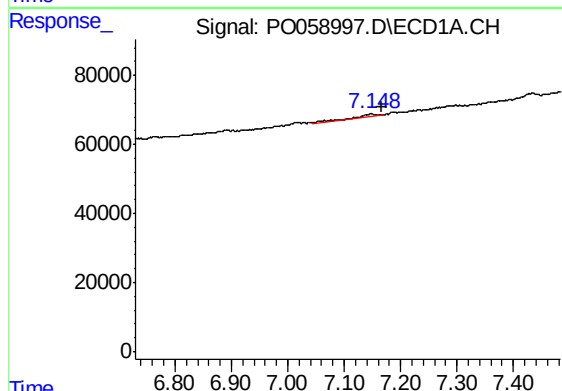
R.T.: 6.903 min
Delta R.T.: -0.009 min
Response: 1280
Conc: 0.44 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-23



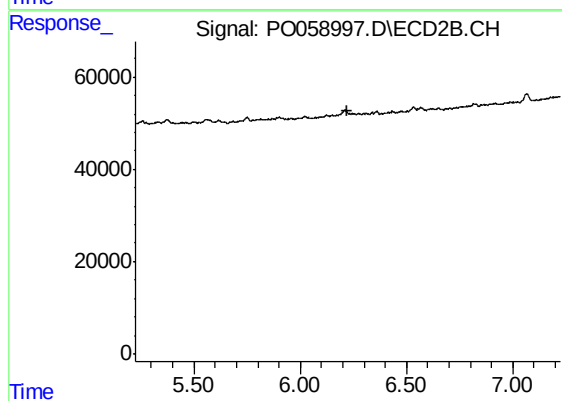
#31 AR-1260-1

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



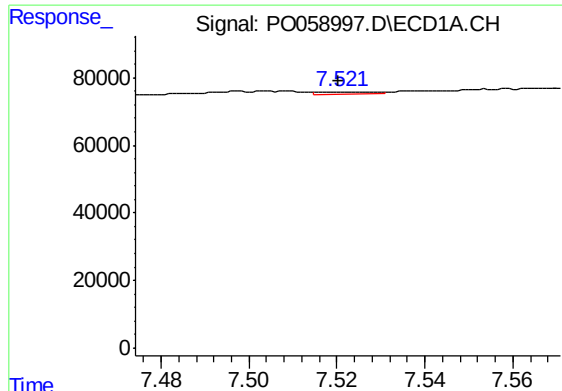
#32 AR-1260-2

R.T.: 7.149 min
Delta R.T.: -0.019 min
Response: 20421
Conc: 4.91 ng/ml



#32 AR-1260-2

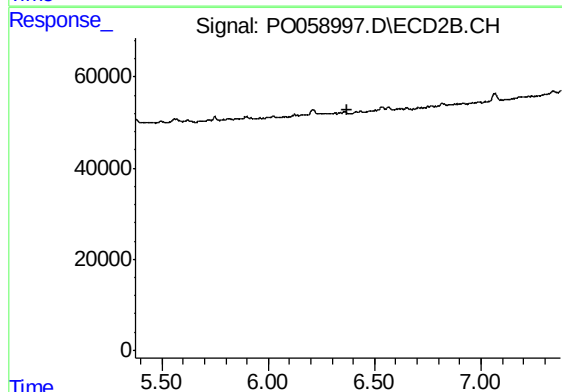
R.T.: 0.000 min
Exp R.T. : 6.225 min
Response: 0
Conc: N.D.



#33 AR-1260-3

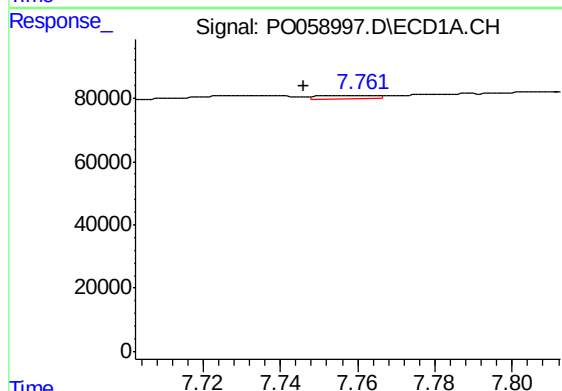
R.T.: 7.527 min
Delta R.T.: 0.006 min
Response: 5032
Conc: 1.35 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-23



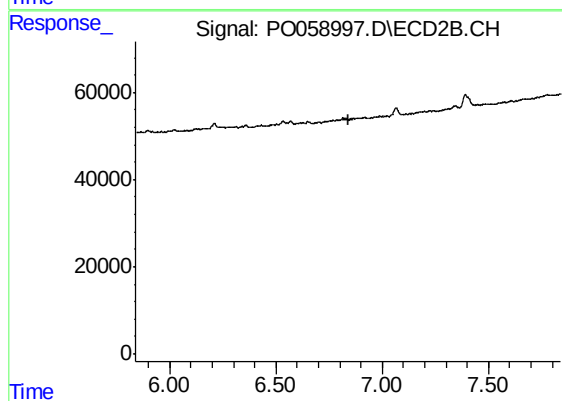
#33 AR-1260-3

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



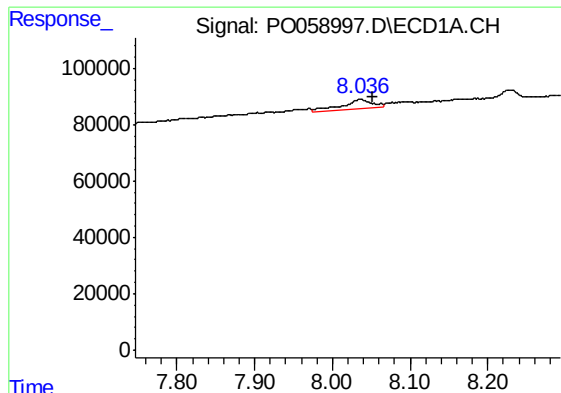
#34 AR-1260-4

R.T.: 7.762 min
Delta R.T.: 0.015 min
Response: 10001
Conc: 2.93 ng/ml



#34 AR-1260-4

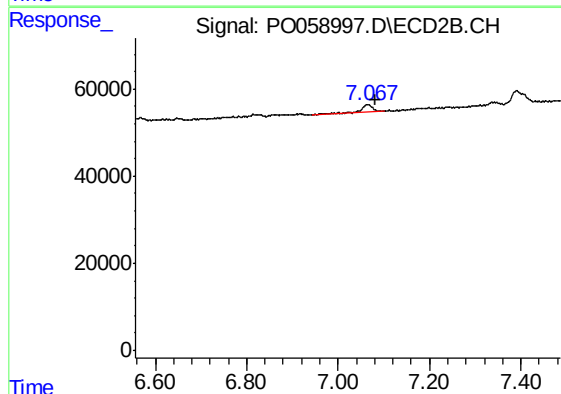
R.T.: 0.000 min
Exp R.T. : 6.839 min
Response: 0
Conc: N.D.



#35 AR-1260-5

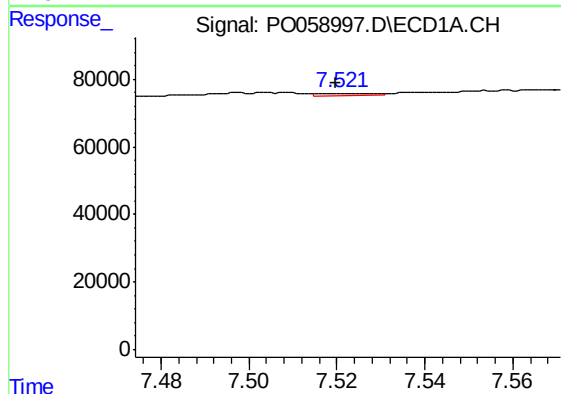
R.T.: 8.036 min
Delta R.T.: -0.015 min
Response: 104036
Conc: 14.15 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-23



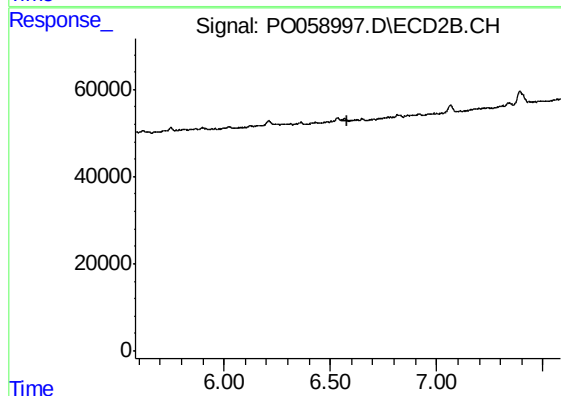
#35 AR-1260-5

R.T.: 7.066 min
Delta R.T.: -0.015 min
Response: 32485
Conc: 6.03 ng/ml



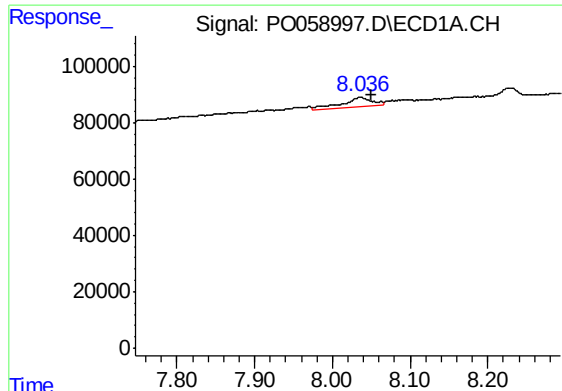
#36 AR-1262-1

R.T.: 7.527 min
Delta R.T.: 0.007 min
Response: 5032
Conc: 1.00 ng/ml



#36 AR-1262-1

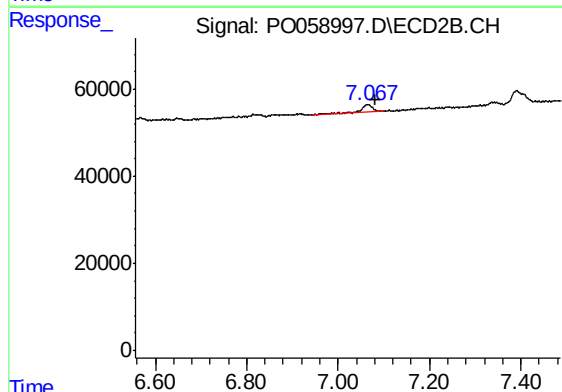
R.T.: 0.000 min
Exp R.T. : 6.583 min
Response: 0
Conc: N.D.



#37 AR-1262-2

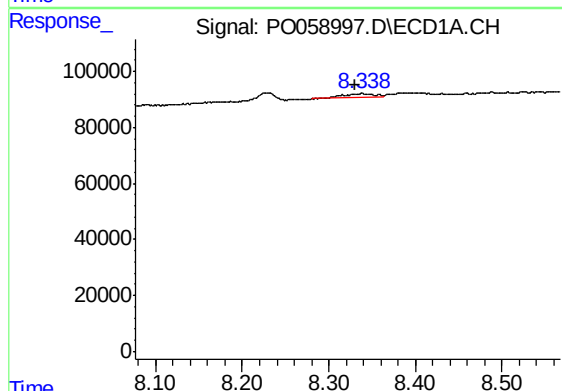
R.T.: 8.036 min
Delta R.T.: -0.014 min
Response: 104036
Conc: 13.07 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-23



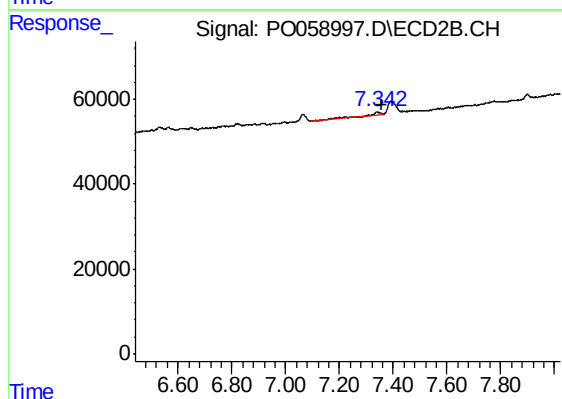
#37 AR-1262-2

R.T.: 7.066 min
Delta R.T.: -0.015 min
Response: 32485
Conc: 5.75 ng/ml



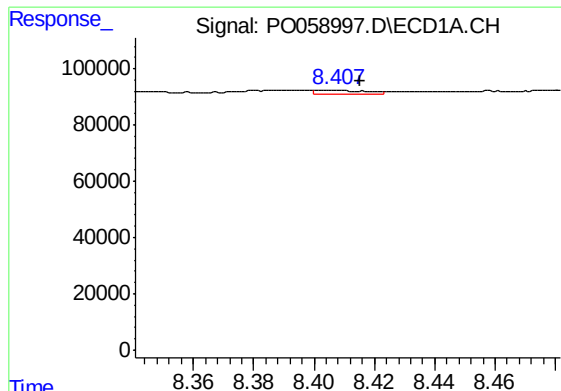
#38 AR-1262-3

R.T.: 8.338 min
Delta R.T.: 0.009 min
Response: 40271
Conc: 7.92 ng/ml



#38 AR-1262-3

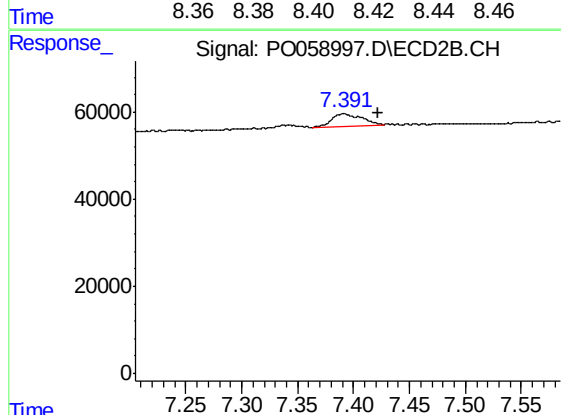
R.T.: 7.342 min
Delta R.T.: -0.015 min
Response: 15334
Conc: 6.21 ng/ml



#39 AR-1262-4

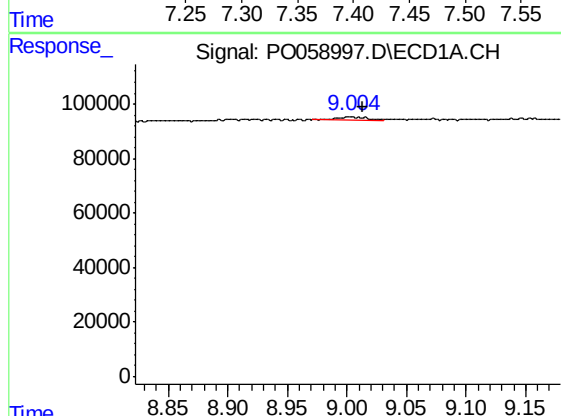
R.T.: 8.408 min
Delta R.T.: -0.008 min
Response: 16012
Conc: 4.23 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-23



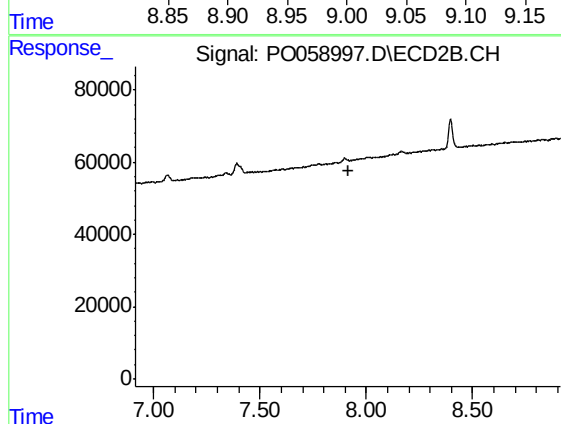
#39 AR-1262-4

R.T.: 7.391 min
Delta R.T.: -0.031 min
Response: 52864
Conc: 12.45 ng/ml



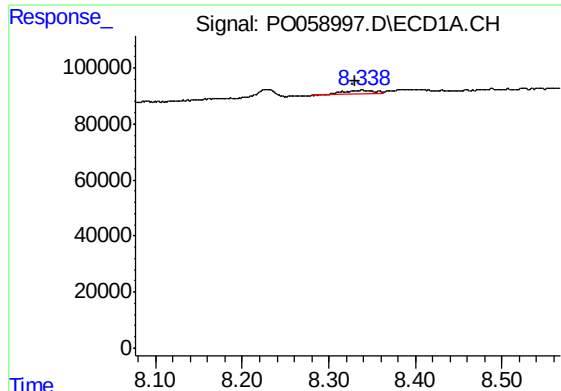
#40 AR-1262-5

R.T.: 9.003 min
Delta R.T.: -0.010 min
Response: 19392
Conc: 8.44 ng/ml



#40 AR-1262-5

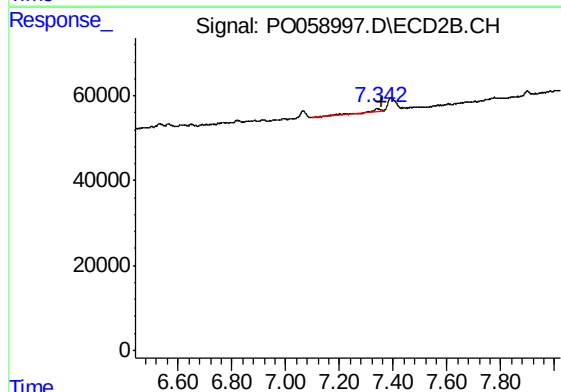
R.T.: 0.000 min
Exp R.T. : 7.914 min
Response: 0
Conc: N.D.



#41 AR-1268-1

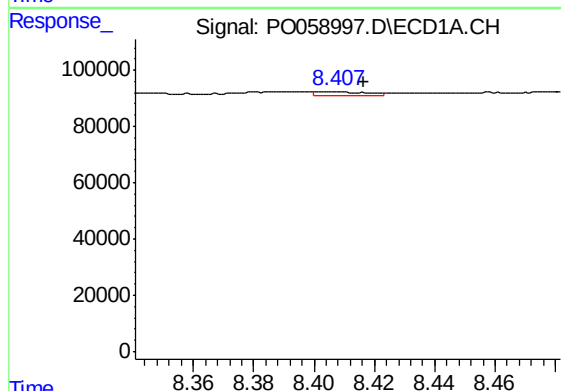
R.T.: 8.338 min
Delta R.T.: 0.009 min
Response: 40271
Conc: 3.61 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-23



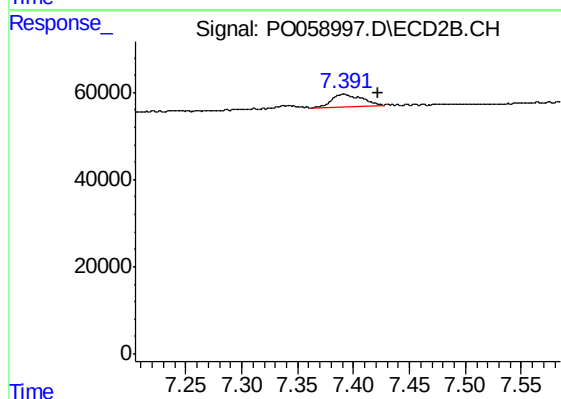
#41 AR-1268-1

R.T.: 7.342 min
Delta R.T.: -0.014 min
Response: 15334
Conc: 1.88 ng/ml



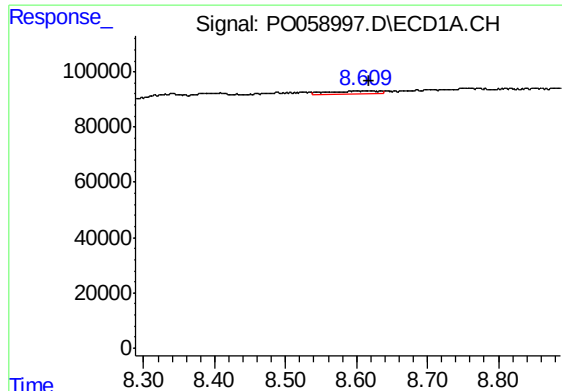
#42 AR-1268-2

R.T.: 8.408 min
Delta R.T.: -0.009 min
Response: 16012
Conc: 1.70 ng/ml



#42 AR-1268-2

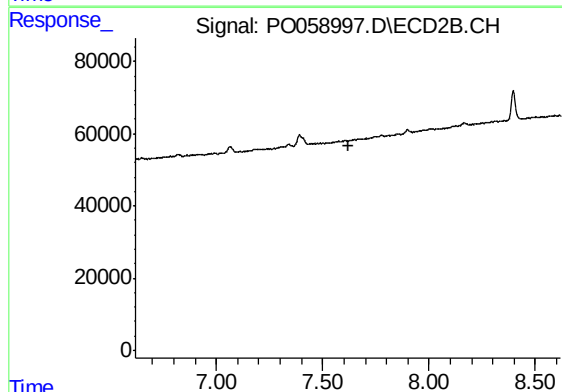
R.T.: 7.391 min
Delta R.T.: -0.031 min
Response: 52864
Conc: 6.98 ng/ml



#43 AR-1268-3

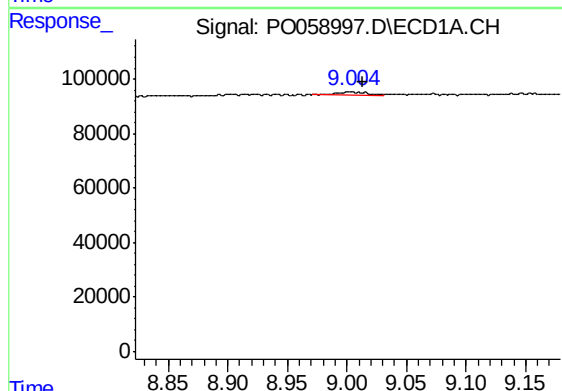
R.T.: 8.610 min
Delta R.T.: -0.007 min
Response: 53007
Conc: 6.42 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-23



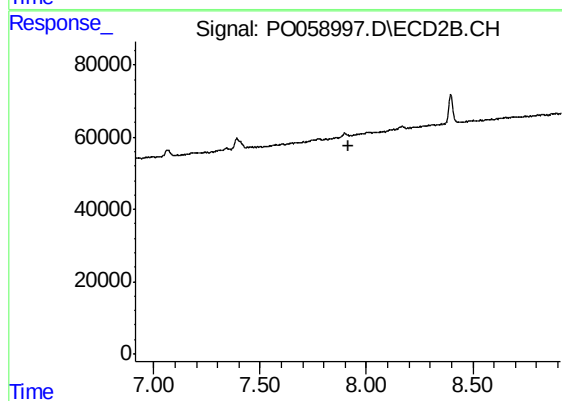
#43 AR-1268-3

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



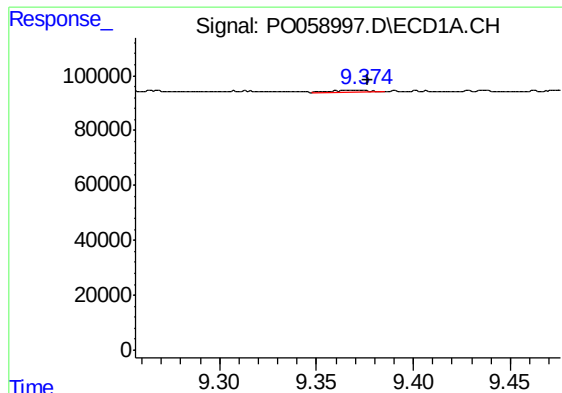
#44 AR-1268-4

R.T.: 9.003 min
Delta R.T.: -0.010 min
Response: 19392
Conc: 6.49 ng/ml



#44 AR-1268-4

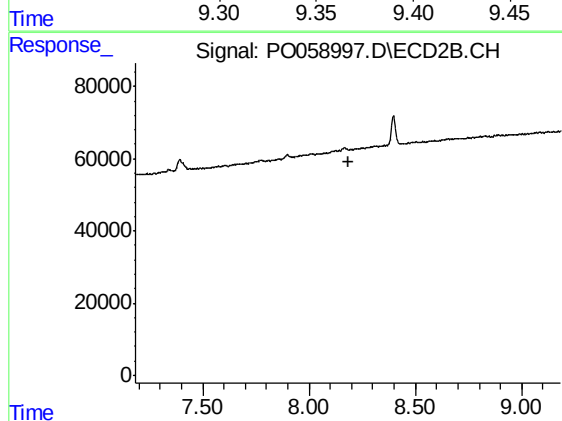
R.T.: 0.000 min
Exp R.T. : 7.913 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.374 min
Delta R.T.: -0.002 min
Response: 9664
Conc: 0.45 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-23



#45 AR-1268-5

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