

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0080719\
 Data File : P0058988.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 07 Aug 2019 14:57
 Operator : SM/AJ
 Sample : K4189-07
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 HA-28

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 07 15:55:14 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...	4.157	3.516	898549	759435	21.291	19.010
2)	SA Decachlor...	9.628	8.398	1097639	770851	20.268	19.529
Target Compounds							
3)	L1 AR-1016-1	5.296	0.000	7282	0	3.886	N.D. #
4)	L1 AR-1016-2	5.384	4.670	1633	38426	0.593	17.901 #
5)	L1 AR-1016-3	5.430	0.000	11292	0	6.651	N.D. #
6)	L1 AR-1016-4	5.530	0.000	3168	0	2.264	N.D. #
7)	L1 AR-1016-5	5.808	5.056	-6456	28239	N.D.	22.932 #
8)	L2 AR-1221-1	4.458	3.709	23962	24695	52.748	61.305
9)	L2 AR-1221-2	4.458	0.000	23962	0	69.499	N.D. #
10)	L2 AR-1221-3	4.542	3.920	13130	22647	11.973	23.674 #
11)	L3 AR-1232-1	4.542	3.920	13130	22647	14.543	28.829 #
12)	L3 AR-1232-2	5.065	4.670	2785	38426	5.662	45.449 #
13)	L3 AR-1232-3	5.384	0.000	1633	0	1.525	N.D. #
14)	L3 AR-1232-4	5.530	0.000	3168	0	5.942	N.D. #
15)	L3 AR-1232-5	5.622	5.056	9506	28239	23.295	64.144 #
16)	L4 AR-1242-1	5.296	0.000	7282	0	5.686	N.D. #
17)	L4 AR-1242-2	5.384	4.670	1633	38426	0.863	25.453 #
18)	L4 AR-1242-3	5.430	0.000	11292	0	9.627	N.D. #
19)	L4 AR-1242-4	5.530	0.000	3168	0	3.296	N.D. #
20)	L4 AR-1242-5	6.232	0.000	56403	0	48.020	N.D. #
21)	L5 AR-1248-1	5.296	0.000	7282	0	7.203	N.D. #
22)	L5 AR-1248-2	5.622	0.000	9506	0	6.576	N.D. #
24)	L5 AR-1248-4	6.232	5.056	56403	28239	27.850	20.215 #
25)	L5 AR-1248-5	6.232	5.442	56403	30260	29.219	21.844 #
26)	L6 AR-1254-1	6.149	0.000	5154	0	2.183	N.D. #
27)	L6 AR-1254-2	6.379	0.000	1737	0	0.451	N.D. #
28)	L6 AR-1254-3	6.776	0.000	25227	0	6.229	N.D. #
29)	L6 AR-1254-4	0.000	6.197	0	41132	N.D.	17.689 #
30)	L6 AR-1254-5	7.431	6.560	36460	26559	10.059	7.699
31)	L7 AR-1260-1	6.872	6.076	19278	19548	6.696	8.213
32)	L7 AR-1260-2	7.175	6.197	6586	41132	1.583	13.578 #
33)	L7 AR-1260-3	7.516	0.000	56956	0	15.294	N.D. #
34)	L7 AR-1260-4	7.751	0.000	21586	0	6.334	N.D. #
35)	L7 AR-1260-5	8.064	0.000	38709	0	5.263	N.D. #
36)	L8 AR-1262-1	7.516	6.560	56956	26559	11.300	7.436 #
37)	L8 AR-1262-2	8.064	0.000	38709	0	4.863	N.D. #
39)	L8 AR-1262-4	8.421	0.000	3639	0	0.960	N.D. #
40)	L8 AR-1262-5	8.981	0.000	18094	0	7.876	N.D. #
42)	L9 AR-1268-2	8.421	0.000	3639	0	0.387	N.D. #
43)	L9 AR-1268-3	8.628	0.000	10428	0	1.263	N.D. #
44)	L9 AR-1268-4	8.981	0.000	18094	0	6.053	N.D. #
45)	L9 AR-1268-5	9.339	0.000	12599	0	0.587	N.D. #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0080719\
Data File : P0058988.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 07 Aug 2019 14:57
Operator : SM/AJ
Sample : K4189-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
HA-28

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 07 15:55:14 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0072819.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Jul 27 06:49:05 2019
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

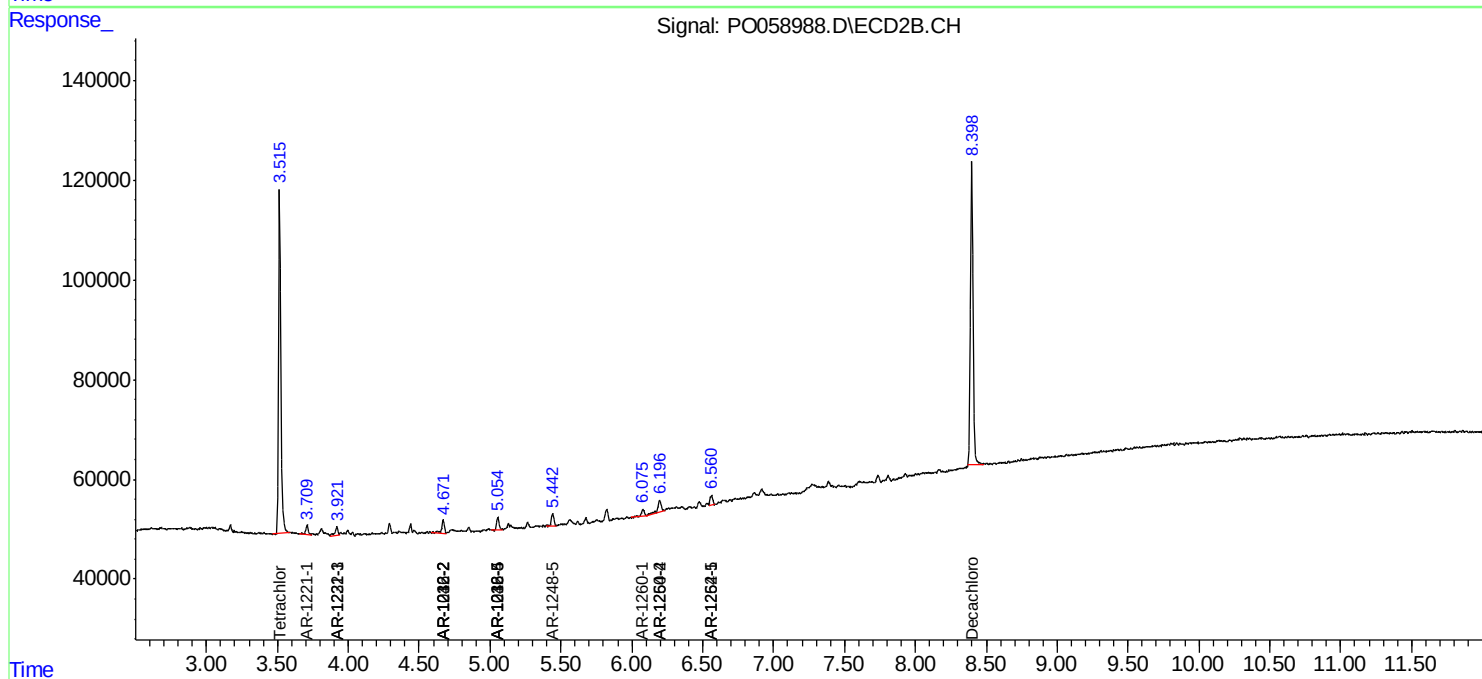
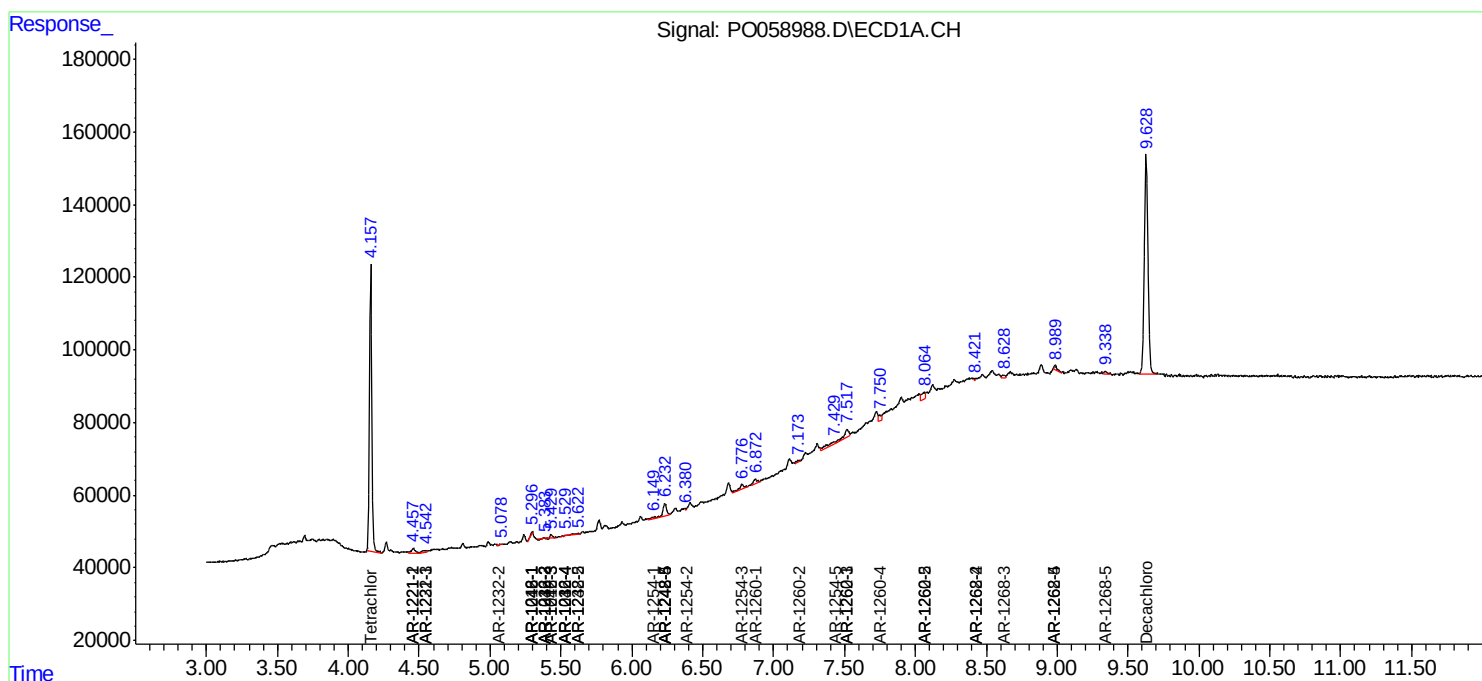
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

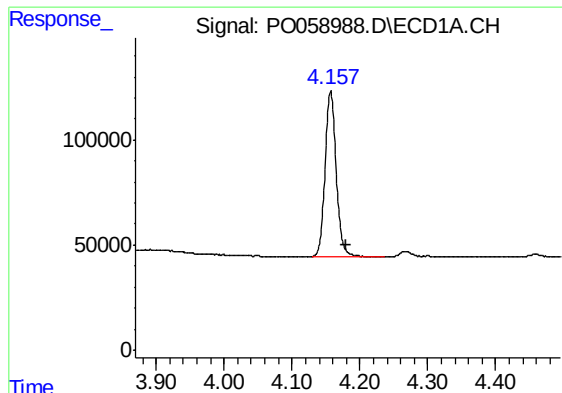
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO080719\
Data File : PO058988.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 07 Aug 2019 14:57
Operator : SM/AJ
Sample : K4189-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampled :
HA-28

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 07 15:55:14 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

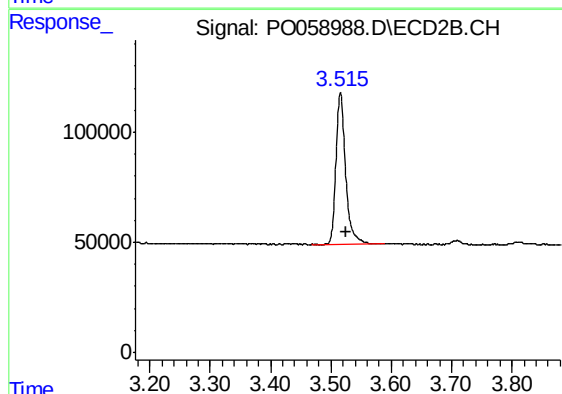




#1 Tetrachloro-m-xylene

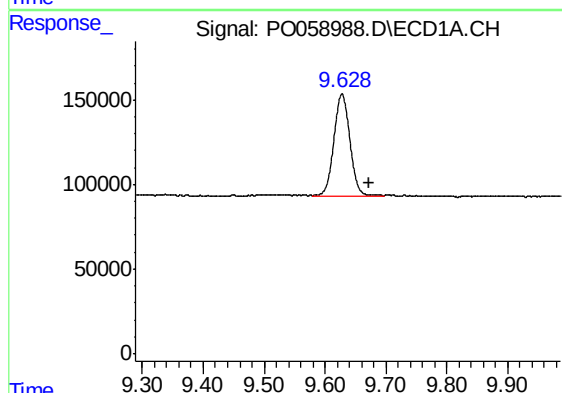
R.T.: 4.157 min
Delta R.T.: -0.022 min
Response: 898549
Conc: 21.29 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-28



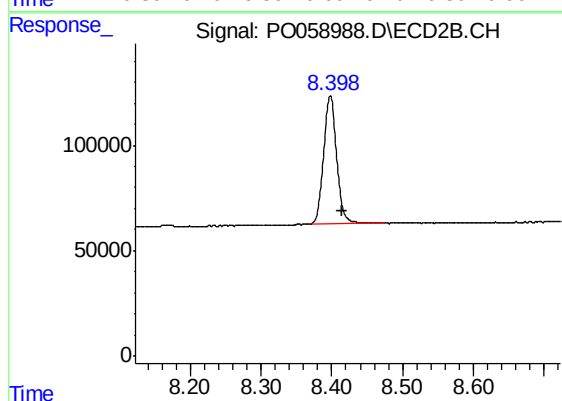
#1 Tetrachloro-m-xylene

R.T.: 3.516 min
Delta R.T.: -0.009 min
Response: 759435
Conc: 19.01 ng/ml



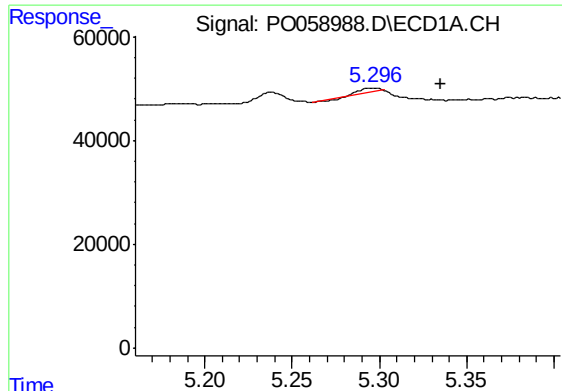
#2 Decachlorobiphenyl

R.T.: 9.628 min
Delta R.T.: -0.045 min
Response: 1097639
Conc: 20.27 ng/ml



#2 Decachlorobiphenyl

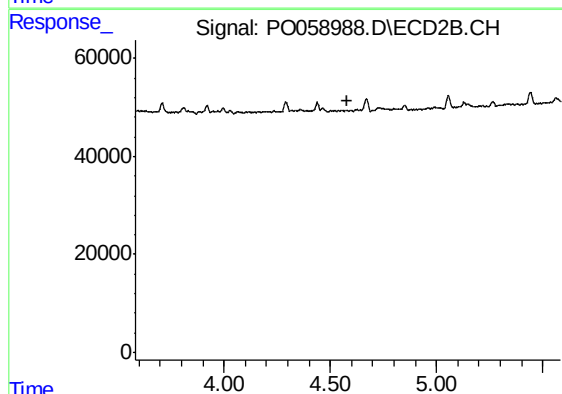
R.T.: 8.398 min
Delta R.T.: -0.016 min
Response: 770851
Conc: 19.53 ng/ml



#3 AR-1016-1

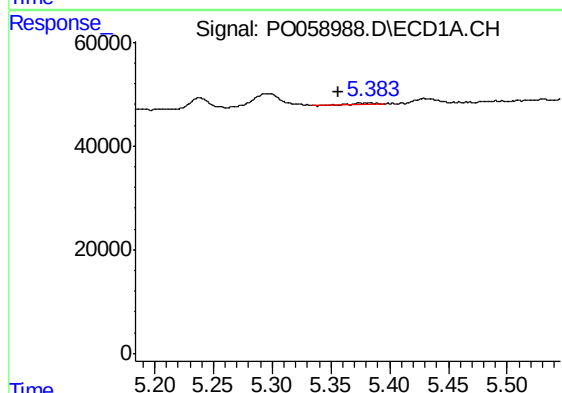
R.T.: 5.296 min
Delta R.T.: -0.039 min
Response: 7282
Conc: 3.89 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-28



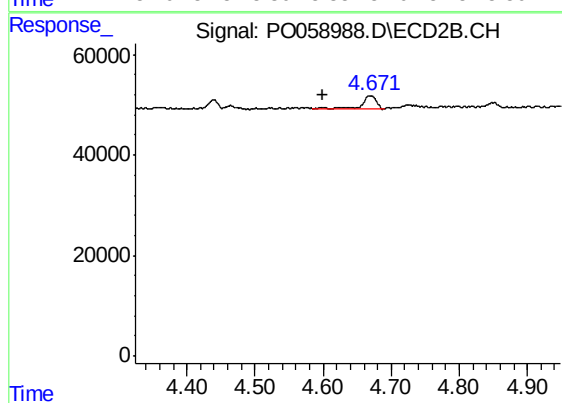
#3 AR-1016-1

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



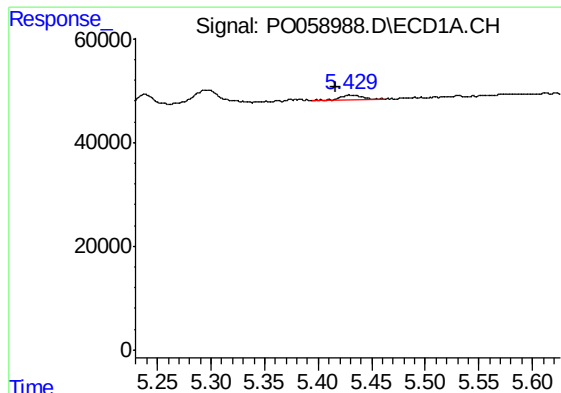
#4 AR-1016-2

R.T.: 5.384 min
Delta R.T.: 0.027 min
Response: 1633
Conc: 0.59 ng/ml



#4 AR-1016-2

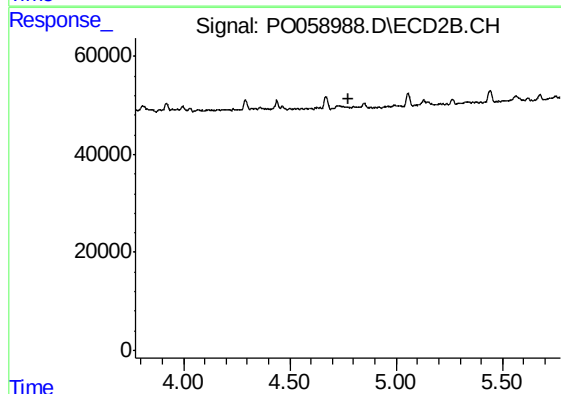
R.T.: 4.670 min
Delta R.T.: 0.069 min
Response: 38426
Conc: 17.90 ng/ml



#5 AR-1016-3

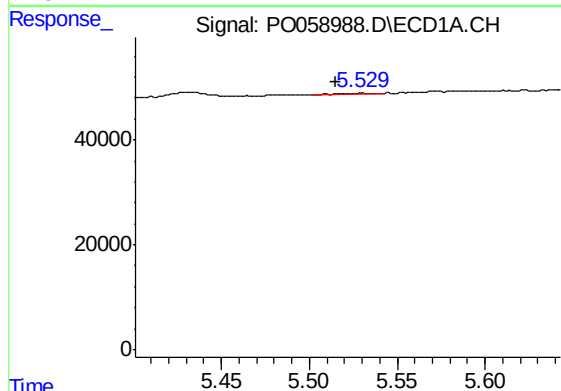
R.T.: 5.430 min
Delta R.T.: 0.013 min
Response: 11292
Conc: 6.65 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-28



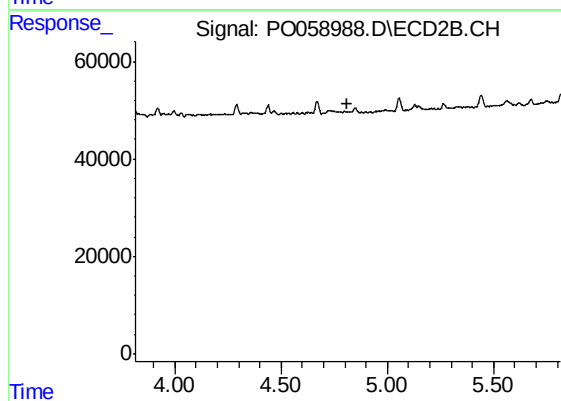
#5 AR-1016-3

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



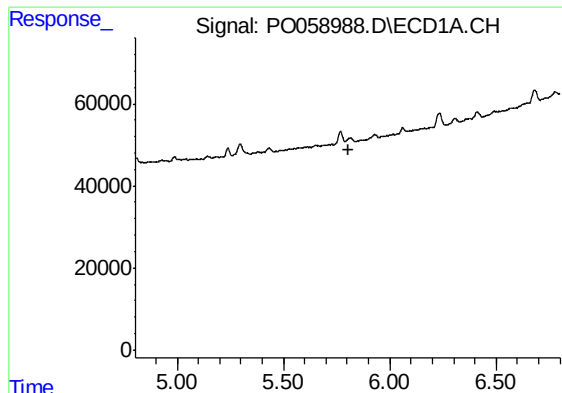
#6 AR-1016-4

R.T.: 5.530 min
Delta R.T.: 0.015 min
Response: 3168
Conc: 2.26 ng/ml



#6 AR-1016-4

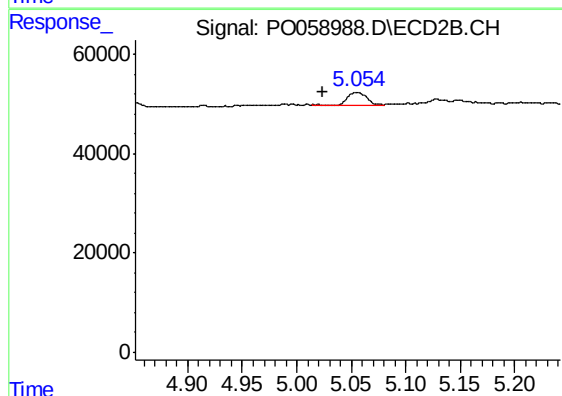
R.T.: 0.000 min
Exp R.T. : 4.815 min
Response: 0
Conc: N.D.



#7 AR-1016-5

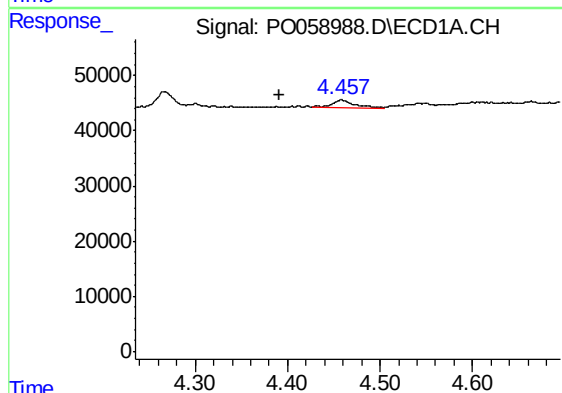
R.T.: 5.808 min
Delta R.T.: 0.005 min
Response: -6456
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
HA-28



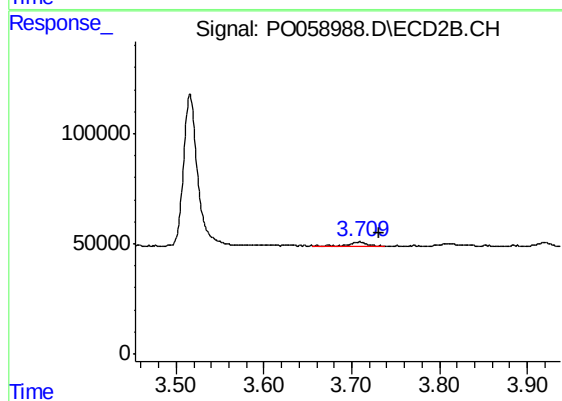
#7 AR-1016-5

R.T.: 5.056 min
Delta R.T.: 0.032 min
Response: 28239
Conc: 22.93 ng/ml



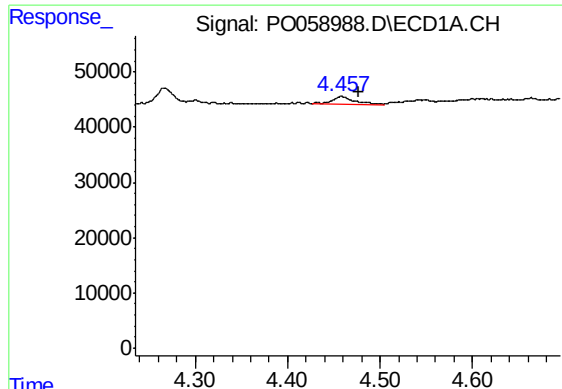
#8 AR-1221-1

R.T.: 4.458 min
Delta R.T.: 0.067 min
Response: 23962
Conc: 52.75 ng/ml



#8 AR-1221-1

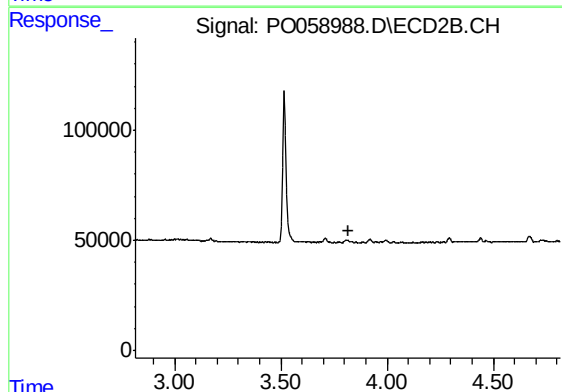
R.T.: 3.709 min
Delta R.T.: -0.023 min
Response: 24695
Conc: 61.30 ng/ml



#9 AR-1221-2

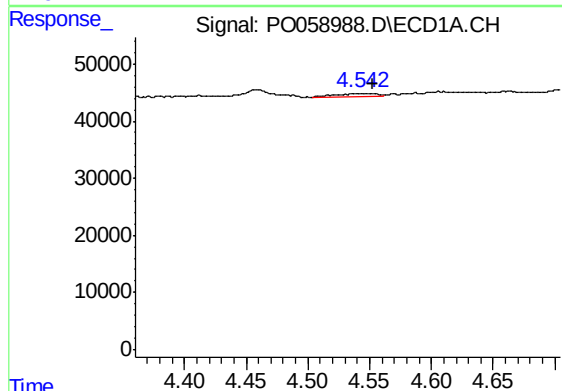
R.T.: 4.458 min
Delta R.T.: -0.019 min
Response: 23962
Conc: 69.50 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-28



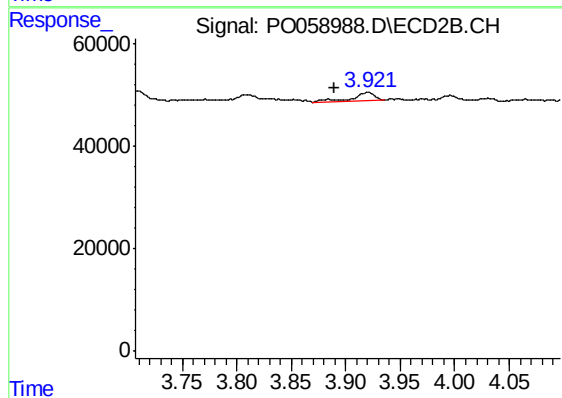
#9 AR-1221-2

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



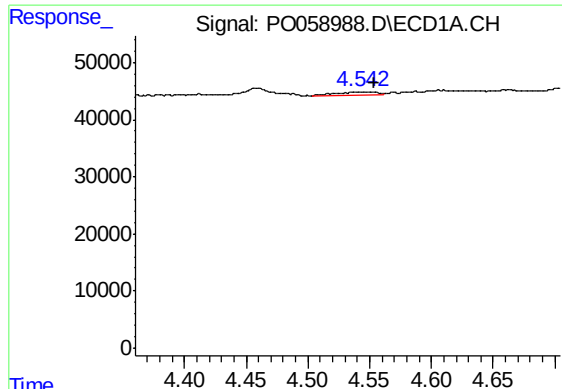
#10 AR-1221-3

R.T.: 4.542 min
Delta R.T.: -0.010 min
Response: 13130
Conc: 11.97 ng/ml



#10 AR-1221-3

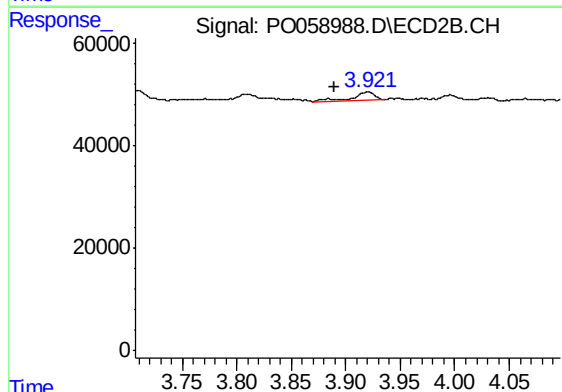
R.T.: 3.920 min
Delta R.T.: 0.031 min
Response: 22647
Conc: 23.67 ng/ml



#11 AR-1232-1

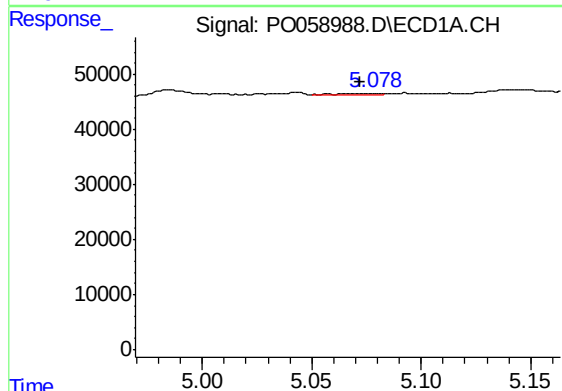
R.T.: 4.542 min
Delta R.T.: -0.011 min
Response: 13130
Conc: 14.54 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-28



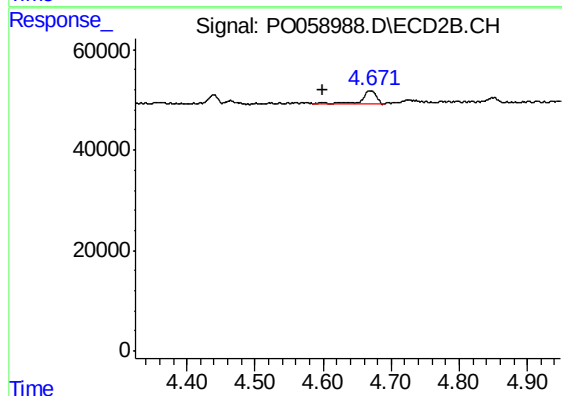
#11 AR-1232-1

R.T.: 3.920 min
Delta R.T.: 0.031 min
Response: 22647
Conc: 28.83 ng/ml



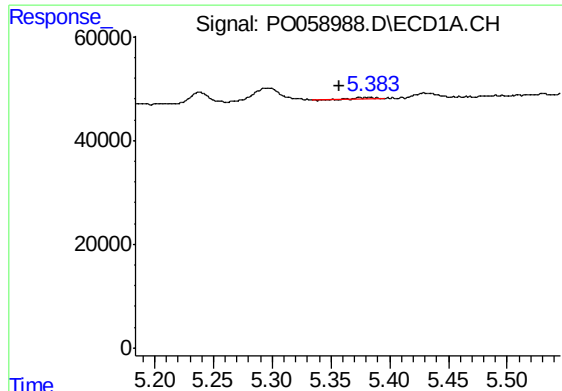
#12 AR-1232-2

R.T.: 5.065 min
Delta R.T.: -0.007 min
Response: 2785
Conc: 5.66 ng/ml



#12 AR-1232-2

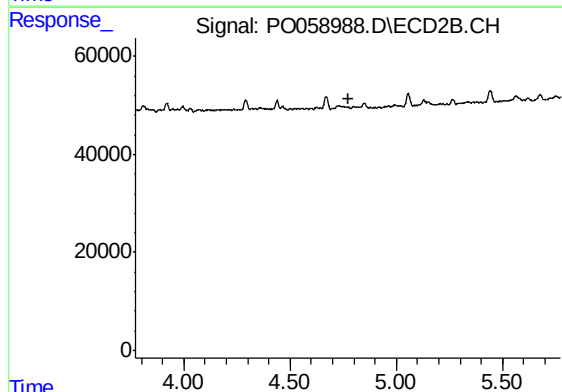
R.T.: 4.670 min
Delta R.T.: 0.070 min
Response: 38426
Conc: 45.45 ng/ml



#13 AR-1232-3

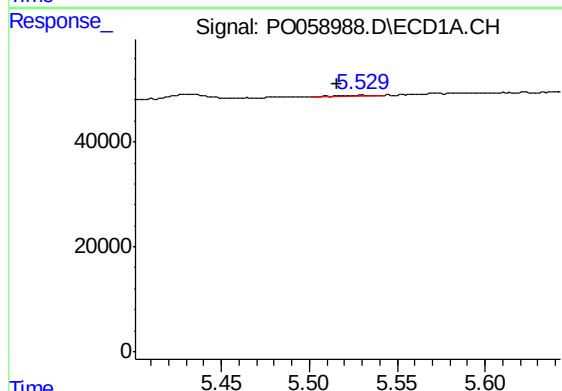
R.T.: 5.384 min
Delta R.T.: 0.027 min
Response: 1633
Conc: 1.52 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-28



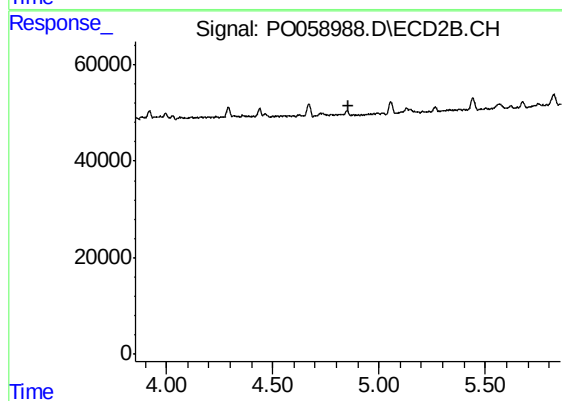
#13 AR-1232-3

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



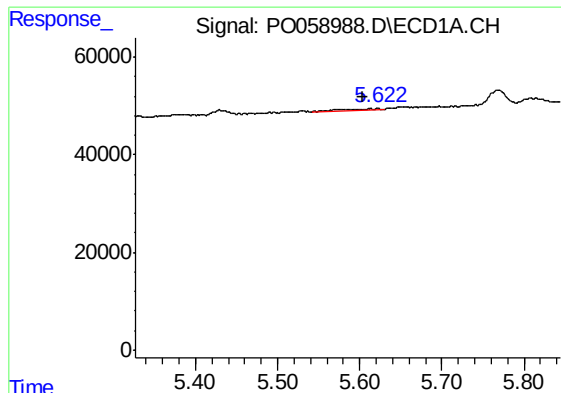
#14 AR-1232-4

R.T.: 5.530 min
Delta R.T.: 0.014 min
Response: 3168
Conc: 5.94 ng/ml



#14 AR-1232-4

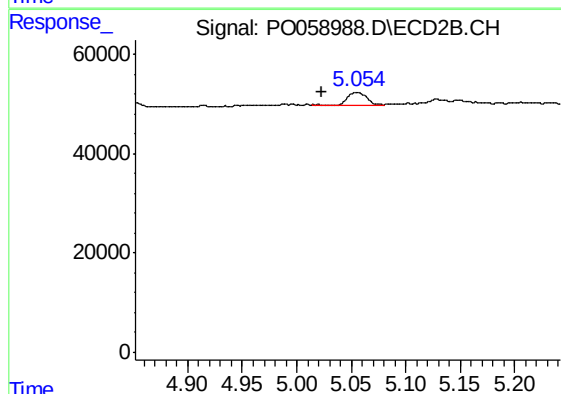
R.T.: 0.000 min
Exp R.T. : 4.854 min
Response: 0
Conc: N.D.



#15 AR-1232-5

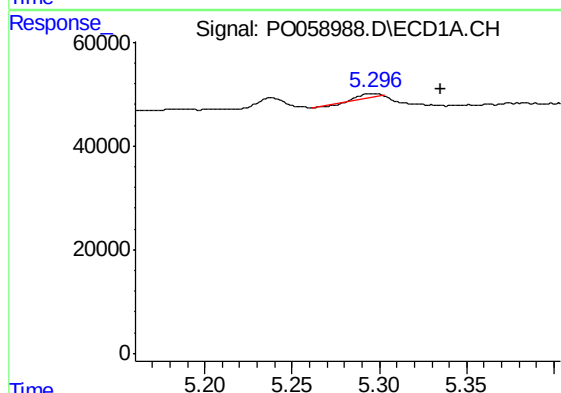
R.T.: 5.622 min
Delta R.T.: 0.019 min
Response: 9506
Conc: 23.29 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-28



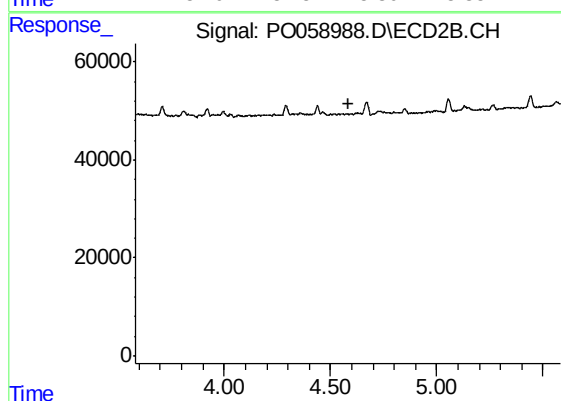
#15 AR-1232-5

R.T.: 5.056 min
Delta R.T.: 0.032 min
Response: 28239
Conc: 64.14 ng/ml



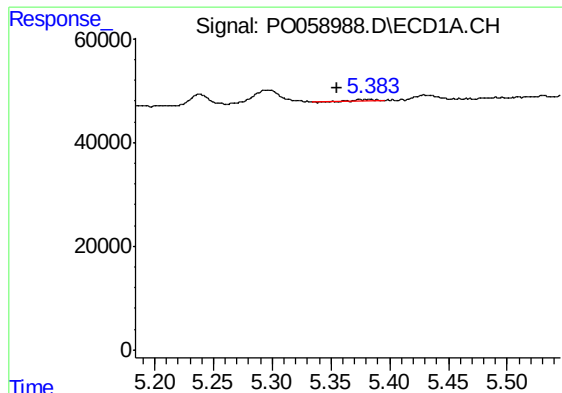
#16 AR-1242-1

R.T.: 5.296 min
Delta R.T.: -0.039 min
Response: 7282
Conc: 5.69 ng/ml



#16 AR-1242-1

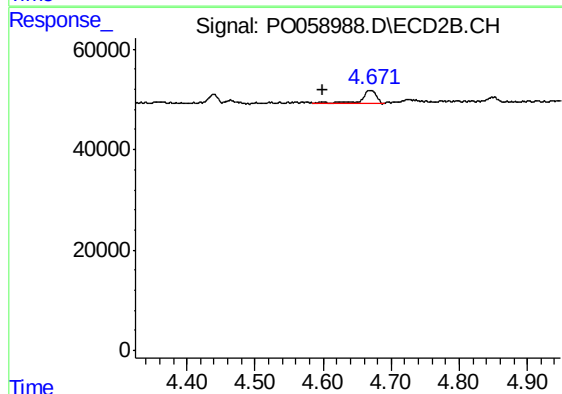
R.T.: 0.000 min
Exp R.T. : 4.583 min
Response: 0
Conc: N.D.



#17 AR-1242-2

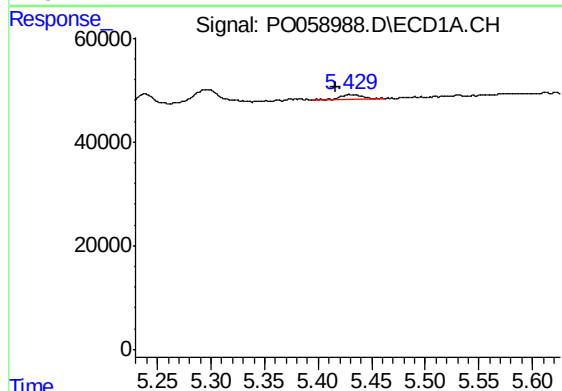
R.T.: 5.384 min
Delta R.T.: 0.028 min
Response: 1633
Conc: 0.86 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-28



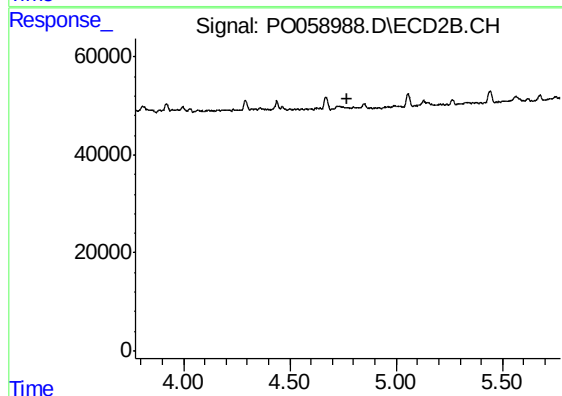
#17 AR-1242-2

R.T.: 4.670 min
Delta R.T.: 0.070 min
Response: 38426
Conc: 25.45 ng/ml



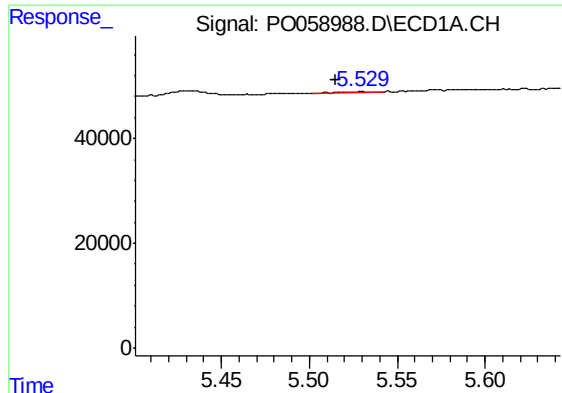
#18 AR-1242-3

R.T.: 5.430 min
Delta R.T.: 0.013 min
Response: 11292
Conc: 9.63 ng/ml



#18 AR-1242-3

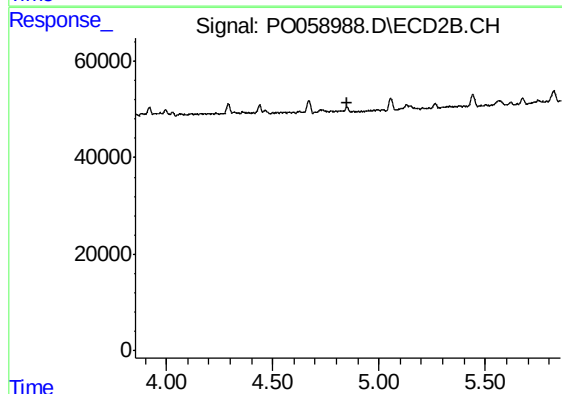
R.T.: 0.000 min
Exp R.T. : 4.773 min
Response: 0
Conc: N.D.



#19 AR-1242-4

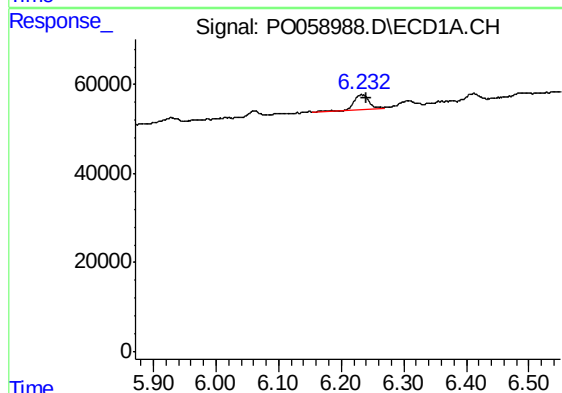
R.T.: 5.530 min
Delta R.T.: 0.015 min
Response: 3168
Conc: 3.30 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-28



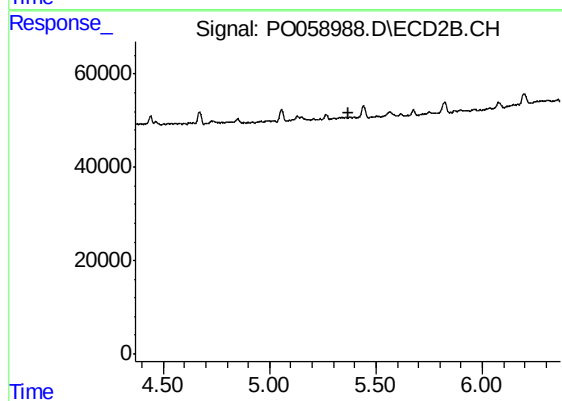
#19 AR-1242-4

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



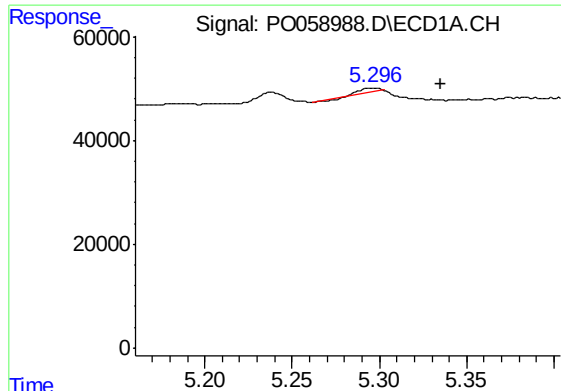
#20 AR-1242-5

R.T.: 6.232 min
Delta R.T.: -0.007 min
Response: 56403
Conc: 48.02 ng/ml



#20 AR-1242-5

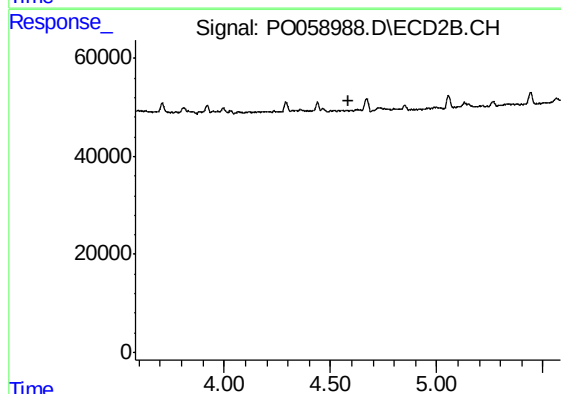
R.T.: 0.000 min
Exp R.T. : 5.368 min
Response: 0
Conc: N.D.



#21 AR-1248-1

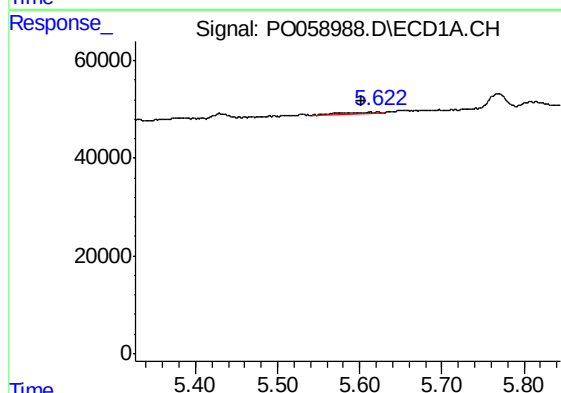
R.T.: 5.296 min
Delta R.T.: -0.039 min
Response: 7282
Conc: 7.20 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-28



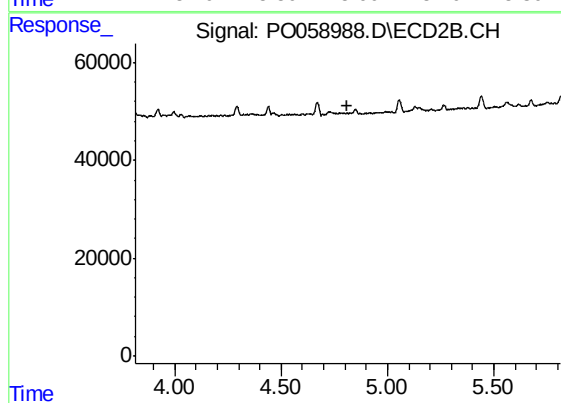
#21 AR-1248-1

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



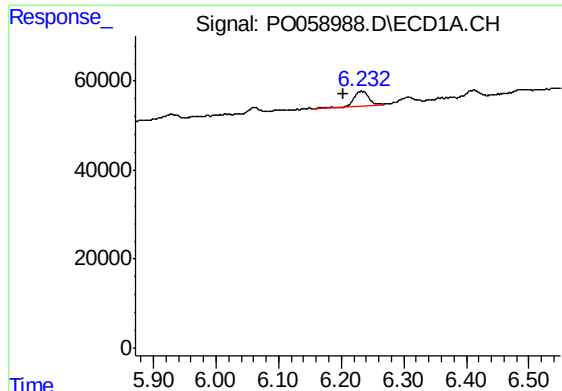
#22 AR-1248-2

R.T.: 5.622 min
Delta R.T.: 0.020 min
Response: 9506
Conc: 6.58 ng/ml



#22 AR-1248-2

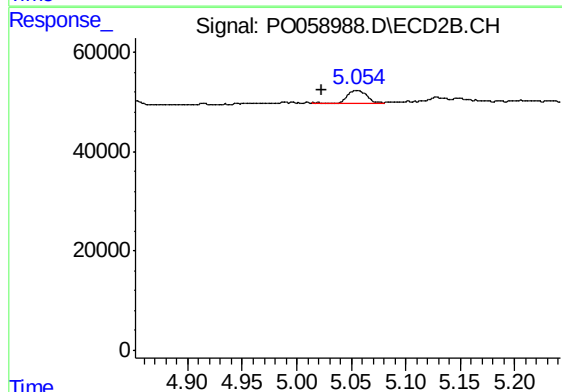
R.T.: 0.000 min
Exp R.T. : 4.814 min
Response: 0
Conc: N.D.



#24 AR-1248-4

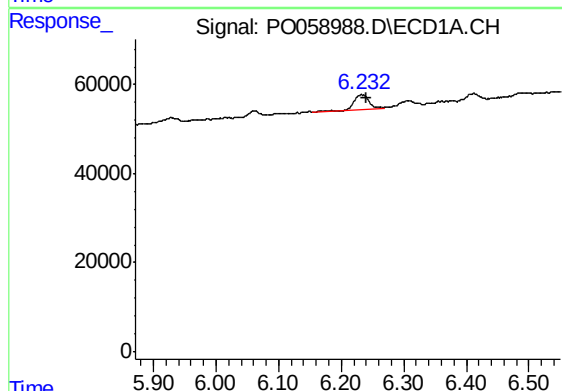
R.T.: 6.232 min
Delta R.T.: 0.029 min
Response: 56403
Conc: 27.85 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-28



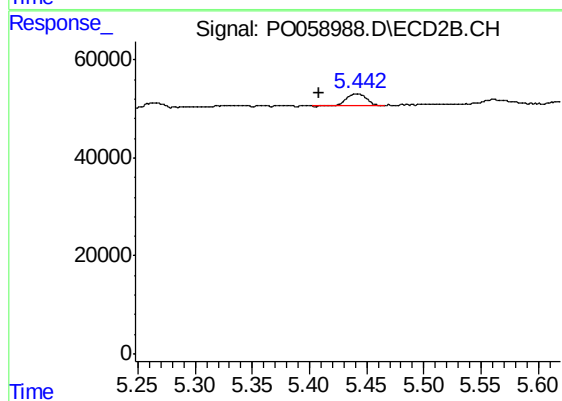
#24 AR-1248-4

R.T.: 5.056 min
Delta R.T.: 0.033 min
Response: 28239
Conc: 20.21 ng/ml



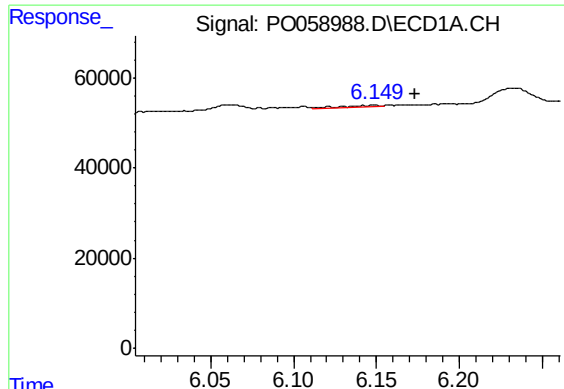
#25 AR-1248-5

R.T.: 6.232 min
Delta R.T.: -0.007 min
Response: 56403
Conc: 29.22 ng/ml



#25 AR-1248-5

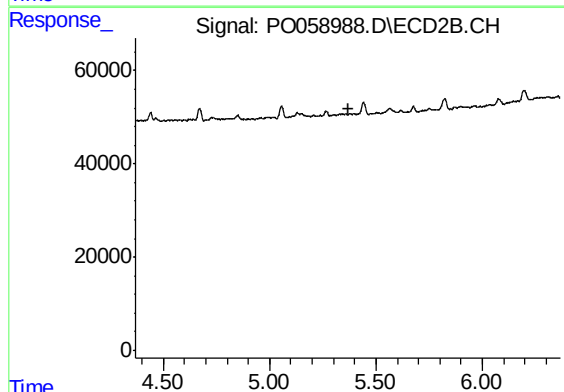
R.T.: 5.442 min
Delta R.T.: 0.033 min
Response: 30260
Conc: 21.84 ng/ml



#26 AR-1254-1

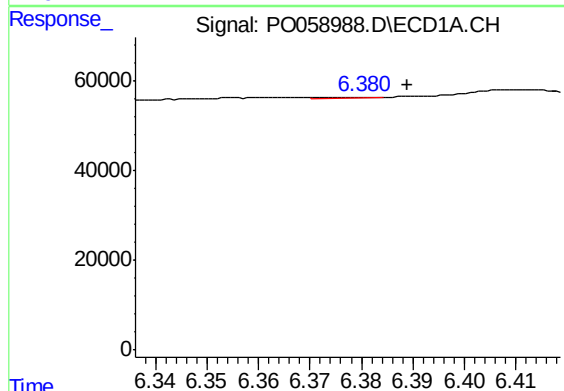
R.T.: 6.149 min
Delta R.T.: -0.024 min
Response: 5154
Conc: 2.18 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-28



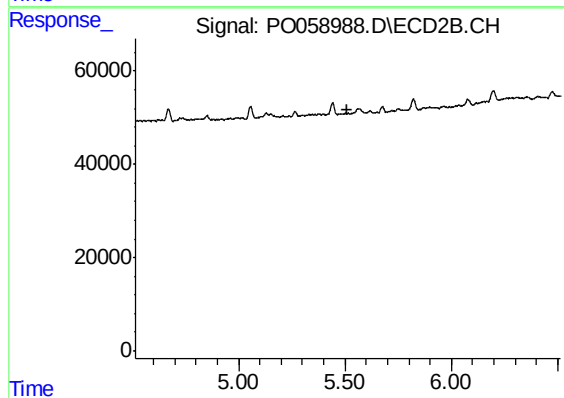
#26 AR-1254-1

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



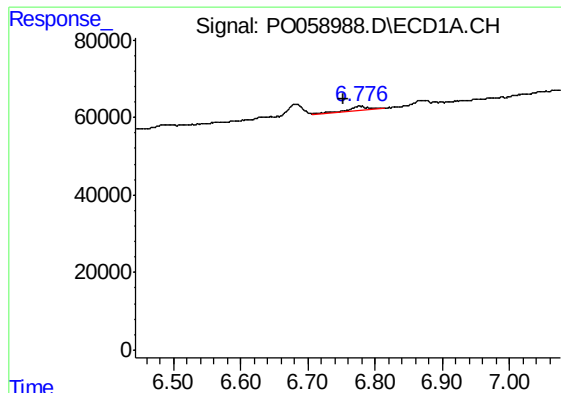
#27 AR-1254-2

R.T.: 6.379 min
Delta R.T.: -0.009 min
Response: 1737
Conc: 0.45 ng/ml



#27 AR-1254-2

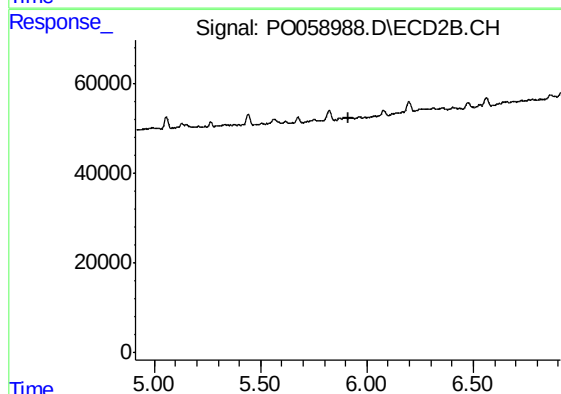
R.T.: 0.000 min
Exp R.T. : 5.514 min
Response: 0
Conc: N.D.



#28 AR-1254-3

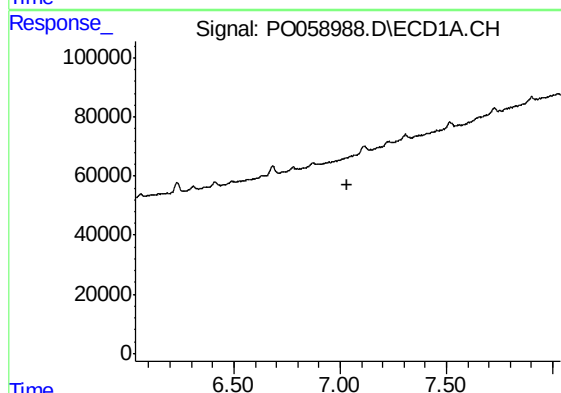
R.T.: 6.776 min
Delta R.T.: 0.023 min
Response: 25227
Conc: 6.23 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-28



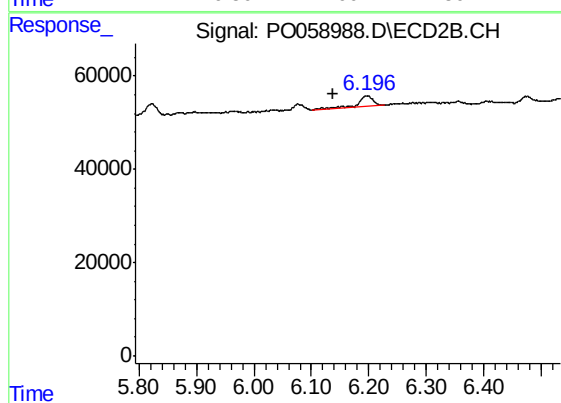
#28 AR-1254-3

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



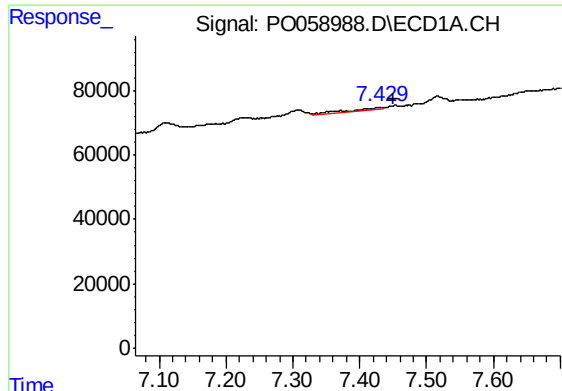
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T. : 7.036 min
Response: 0
Conc: N.D.



#29 AR-1254-4

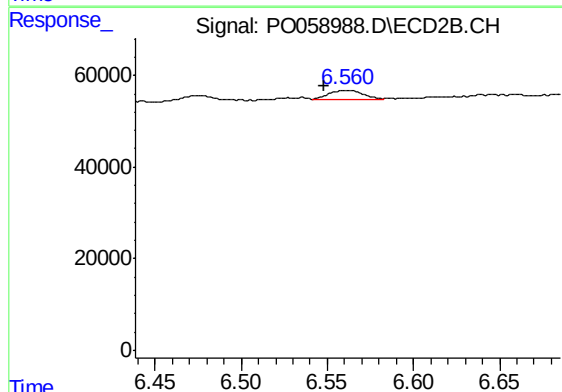
R.T.: 6.197 min
Delta R.T.: 0.059 min
Response: 41132
Conc: 17.69 ng/ml



#30 AR-1254-5

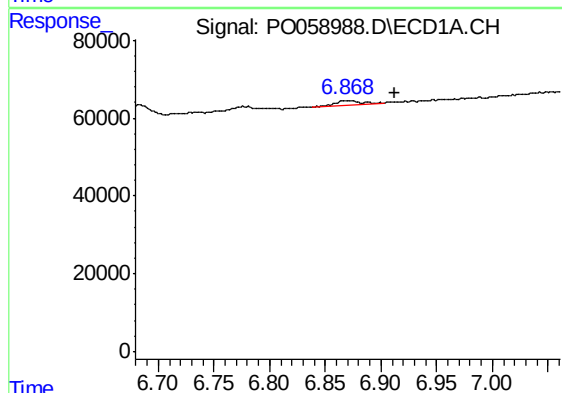
R.T.: 7.431 min
Delta R.T.: -0.020 min
Response: 36460
Conc: 10.06 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-28



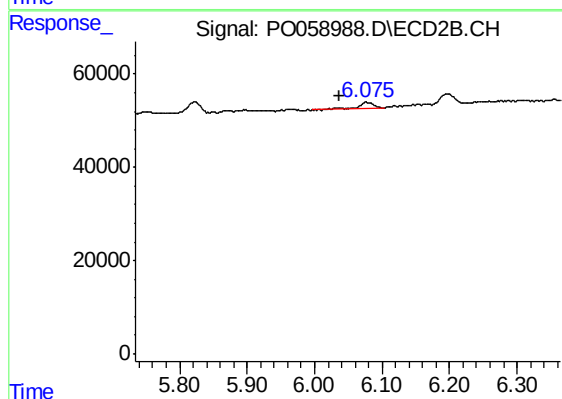
#30 AR-1254-5

R.T.: 6.560 min
Delta R.T.: 0.012 min
Response: 26559
Conc: 7.70 ng/ml



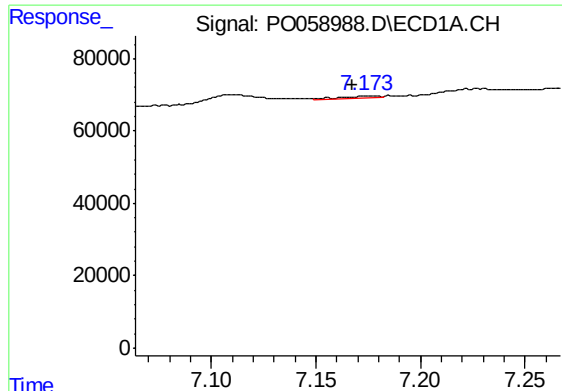
#31 AR-1260-1

R.T.: 6.872 min
Delta R.T.: -0.040 min
Response: 19278
Conc: 6.70 ng/ml



#31 AR-1260-1

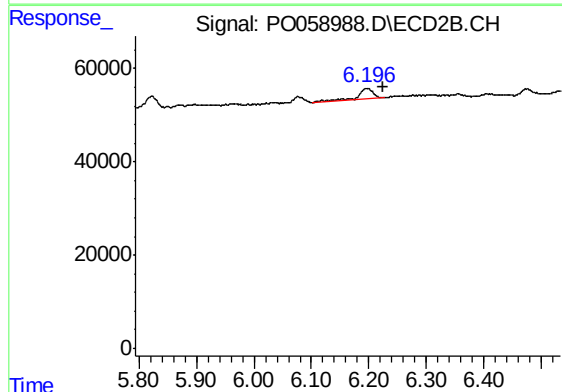
R.T.: 6.076 min
Delta R.T.: 0.039 min
Response: 19548
Conc: 8.21 ng/ml



#32 AR-1260-2

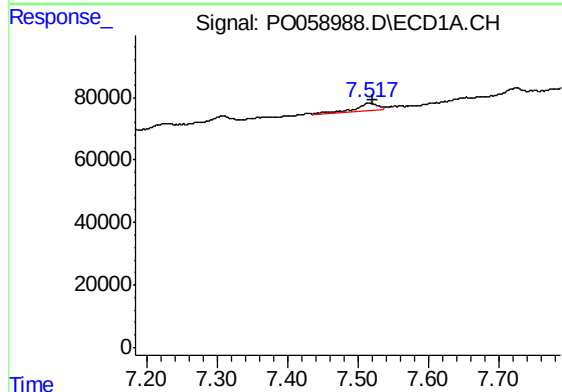
R.T.: 7.175 min
Delta R.T.: 0.007 min
Response: 6586
Conc: 1.58 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-28



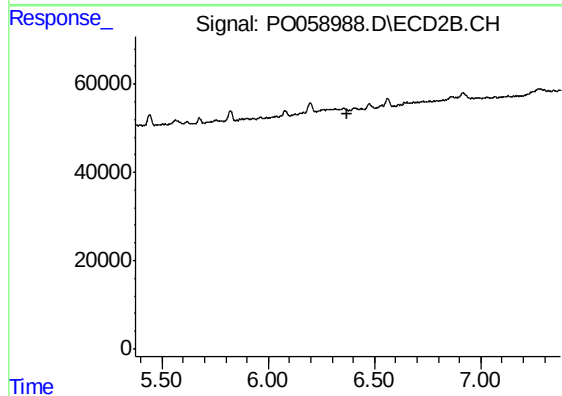
#32 AR-1260-2

R.T.: 6.197 min
Delta R.T.: -0.027 min
Response: 41132
Conc: 13.58 ng/ml



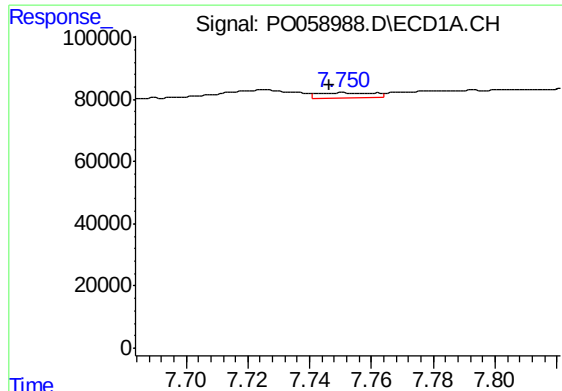
#33 AR-1260-3

R.T.: 7.516 min
Delta R.T.: -0.005 min
Response: 56956
Conc: 15.29 ng/ml



#33 AR-1260-3

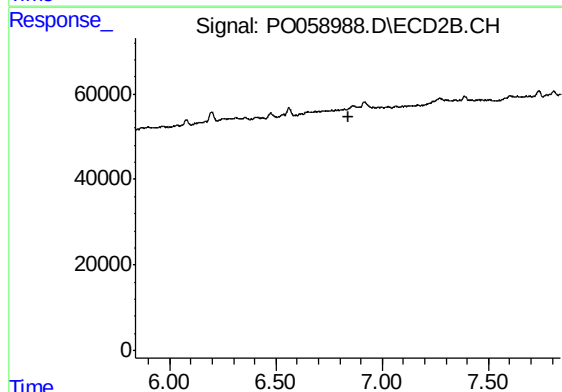
R.T.: 0.000 min
Exp R.T. : 6.375 min
Response: 0
Conc: N.D.



#34 AR-1260-4

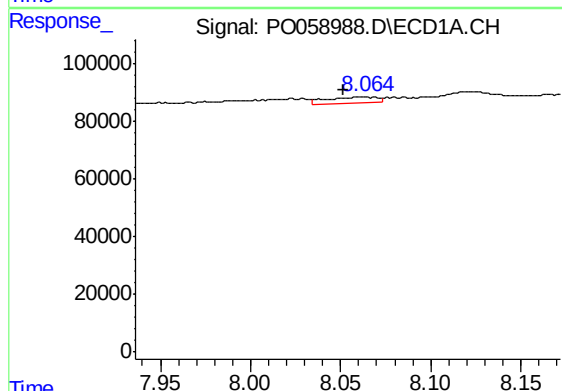
R.T.: 7.751 min
Delta R.T.: 0.005 min
Response: 21586
Conc: 6.33 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-28



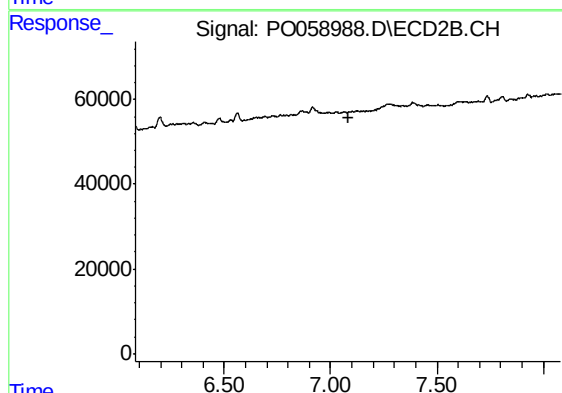
#34 AR-1260-4

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



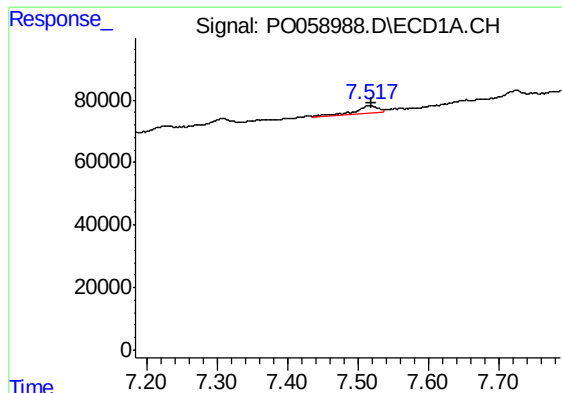
#35 AR-1260-5

R.T.: 8.064 min
Delta R.T.: 0.012 min
Response: 38709
Conc: 5.26 ng/ml



#35 AR-1260-5

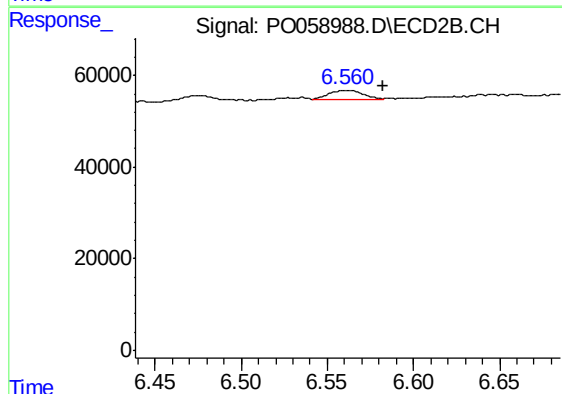
R.T.: 0.000 min
Exp R.T. : 7.082 min
Response: 0
Conc: N.D.



#36 AR-1262-1

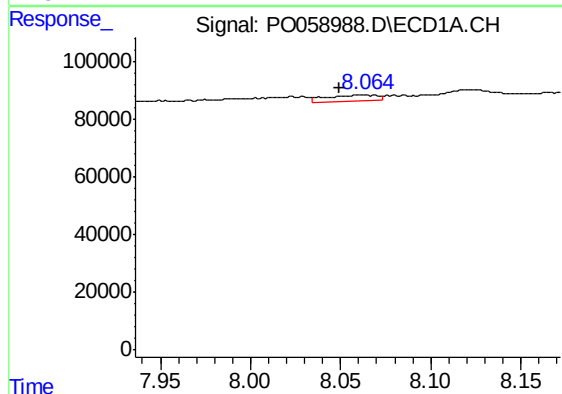
R.T.: 7.516 min
Delta R.T.: -0.004 min
Response: 56956
Conc: 11.30 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-28



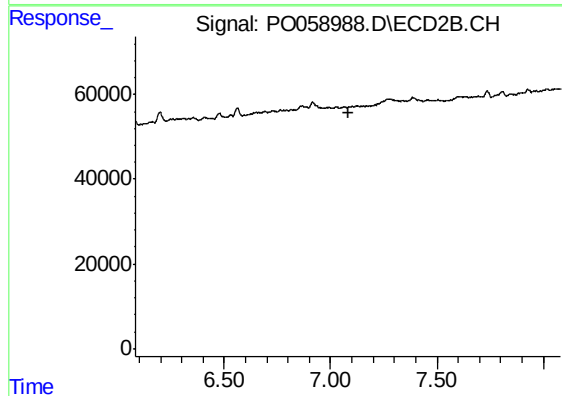
#36 AR-1262-1

R.T.: 6.560 min
Delta R.T.: -0.022 min
Response: 26559
Conc: 7.44 ng/ml



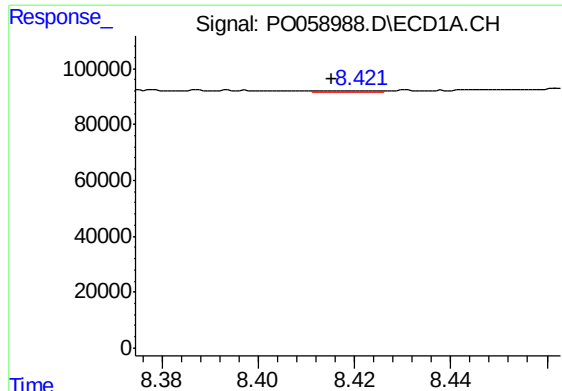
#37 AR-1262-2

R.T.: 8.064 min
Delta R.T.: 0.014 min
Response: 38709
Conc: 4.86 ng/ml



#37 AR-1262-2

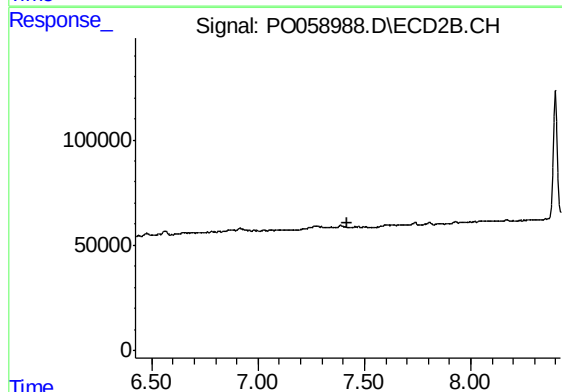
R.T.: 0.000 min
Exp R.T. : 7.082 min
Response: 0
Conc: N.D.



#39 AR-1262-4

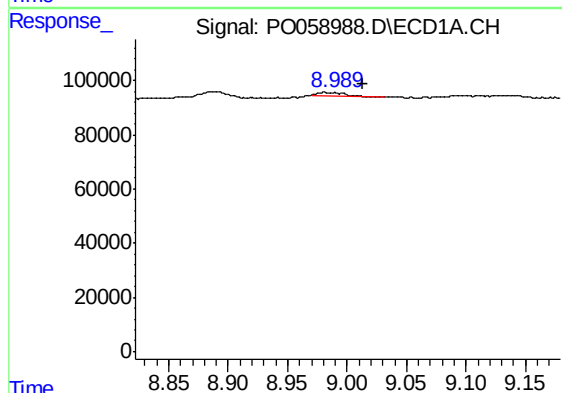
R.T.: 8.421 min
Delta R.T.: 0.006 min
Response: 3639
Conc: 0.96 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-28



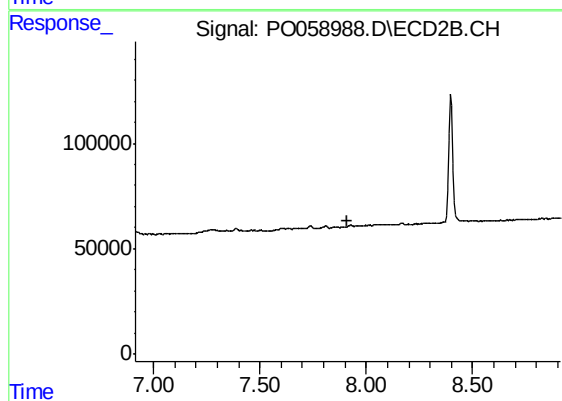
#39 AR-1262-4

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



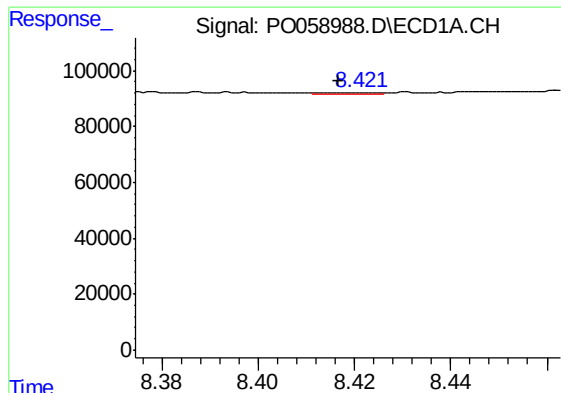
#40 AR-1262-5

R.T.: 8.981 min
Delta R.T.: -0.032 min
Response: 18094
Conc: 7.88 ng/ml



#40 AR-1262-5

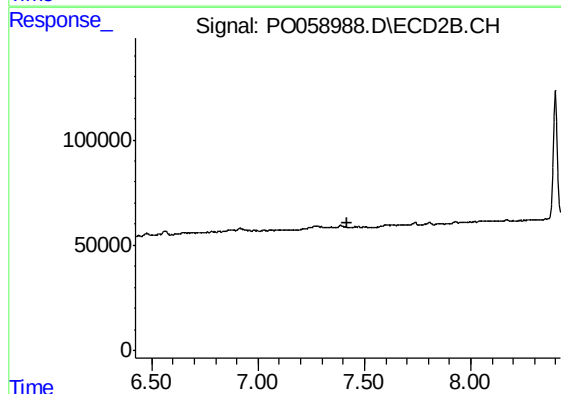
R.T.: 0.000 min
Exp R.T. : 7.914 min
Response: 0
Conc: N.D.



#42 AR-1268-2

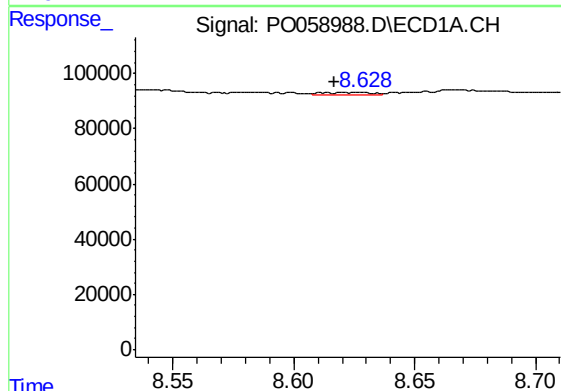
R.T.: 8.421 min
Delta R.T.: 0.005 min
Response: 3639
Conc: 0.39 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-28



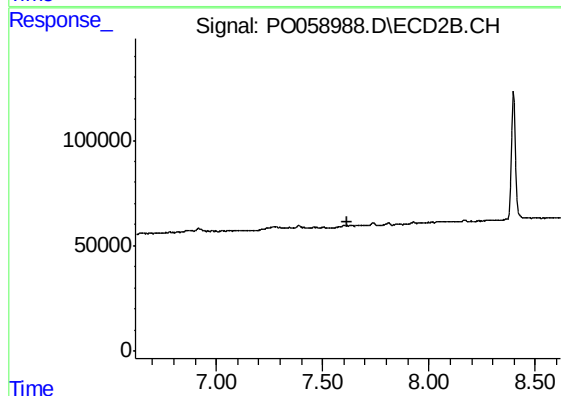
#42 AR-1268-2

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



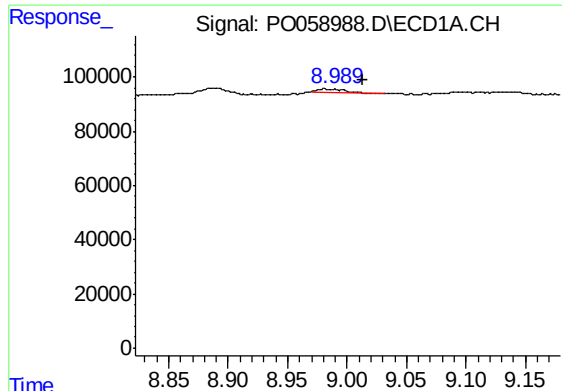
#43 AR-1268-3

R.T.: 8.628 min
Delta R.T.: 0.011 min
Response: 10428
Conc: 1.26 ng/ml



#43 AR-1268-3

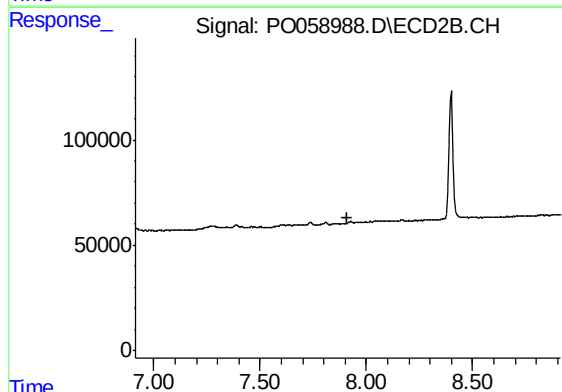
R.T.: 0.000 min
Exp R.T. : 7.619 min
Response: 0
Conc: N.D.



#44 AR-1268-4

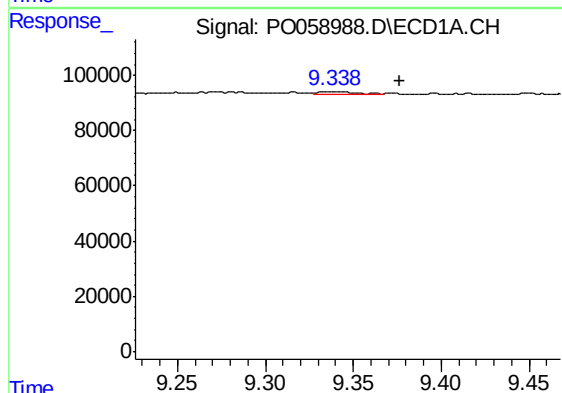
R.T.: 8.981 min
Delta R.T.: -0.032 min
Response: 18094
Conc: 6.05 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-28



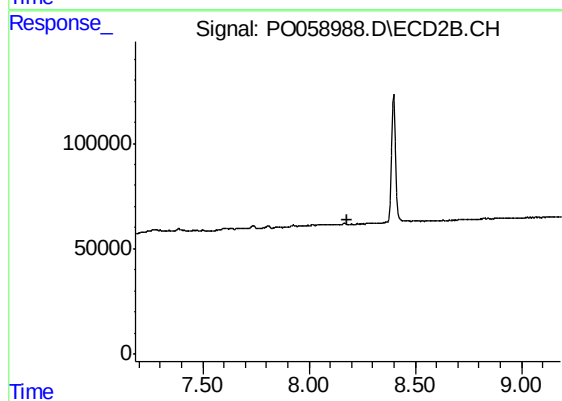
#44 AR-1268-4

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



#45 AR-1268-5

R.T.: 9.339 min
Delta R.T.: -0.037 min
Response: 12599
Conc: 0.59 ng/ml



#45 AR-1268-5

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