

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0082819\
 Data File : P0059971.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 28 Aug 2019 17:16
 Operator : SM/AJ
 Sample : K4548-09
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 T8-S-G1-G4

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 28 18:17:50 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0081719.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Aug 28 13:30:59 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...	4.123	3.499	856777	710191	24.471	19.730
2)	SA Decachlor...	9.593	8.357	958884	720604	18.024	17.872
Target Compounds							
3)	L1 AR-1016-1	5.292	0.000	20074	0	12.516	N.D. #
4)	L1 AR-1016-2	5.292	0.000	20074	0	8.390	N.D. #
5)	L1 AR-1016-3	5.359	0.000	1393	0	0.935	N.D. #
7)	L1 AR-1016-5	5.779	0.000	1444	0	1.125	N.D. #
8)	L2 AR-1221-1	4.363	0.000	1443	0	3.407	N.D. #
9)	L2 AR-1221-2	4.458	0.000	2257	0	6.950	N.D. #
10)	L2 AR-1221-3	4.537	0.000	3541	0	3.366	N.D. #
11)	L3 AR-1232-1	4.537	0.000	3541	0	2.841	N.D. #
12)	L3 AR-1232-2	5.044	0.000	5584	0	7.905	N.D. #
13)	L3 AR-1232-3	5.343	0.000	6273	0	4.096	N.D. #
15)	L3 AR-1232-5	5.585	0.000	11238	0	18.695	N.D. #
16)	L4 AR-1242-1	5.292	0.000	20074	0	15.812	N.D. #
17)	L4 AR-1242-2	5.343	0.000	6273	0	3.380	N.D. #
18)	L4 AR-1242-3	5.387	0.000	4337	0	3.710	N.D. #
20)	L4 AR-1242-5	6.226	0.000	7131	0	5.675	N.D. #
21)	L5 AR-1248-1	5.292	0.000	20074	0	20.023	N.D. #
22)	L5 AR-1248-2	5.540	0.000	12831	0	8.844	N.D. #
23)	L5 AR-1248-3	5.779	0.000	1444	0	0.869	N.D. #
24)	L5 AR-1248-4	6.116	0.000	138117	0	67.569	N.D. #
25)	L5 AR-1248-5	6.176	0.000	70949	0	35.777	N.D. #
26)	L6 AR-1254-1	6.116	0.000	138117	0	66.198	N.D. #
27)	L6 AR-1254-2	6.331	0.000	66562	0	19.951	N.D. #
28)	L6 AR-1254-3	6.691	0.000	62737	0	17.680	N.D. #
29)	L6 AR-1254-4	6.973	0.000	68026	0	23.095	N.D. #
30)	L6 AR-1254-5	7.388	6.536	129453	75605	41.862	24.350 #
31)	L7 AR-1260-1	6.850	5.994	118366	72764	43.907	31.929 #
32)	L7 AR-1260-2	7.105	0.000	106515	0	28.706	N.D. #
33)	L7 AR-1260-3	7.459	0.000	129947	0	39.662	N.D. #
34)	L7 AR-1260-4	7.685	0.000	164275	0	53.487	N.D. #
35)	L7 AR-1260-5	7.992	7.036	332674	144060	46.982	26.177 #
36)	L8 AR-1262-1	7.518	6.536	87625	75605	18.056	20.283
37)	L8 AR-1262-2	8.043	7.036	112610	144060	14.595	24.504 #
38)	L8 AR-1262-3	8.293	7.375	167047	103038	32.740	40.551
39)	L8 AR-1262-4	8.387	7.375	45363	103038	11.768	23.317 #
40)	L8 AR-1262-5	8.982	0.000	29797	0	11.610	N.D. #
41)	L9 AR-1268-1	8.293	7.375	167047	103038	17.751	14.470
42)	L9 AR-1268-2	8.387	7.375	45363	103038	5.755	15.980 #
43)	L9 AR-1268-3	8.572	0.000	49903	0	7.080	N.D. #
44)	L9 AR-1268-4	8.982	0.000	29797	0	10.718	N.D. #

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Acq On : 28 Aug 2019 17:16
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Sample : K4548-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
T8-S-G1-G4

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 28 18:17:50 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0081719.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 28 13:30:59 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	9.370	0.000	23236	0	1.260	N.D. #

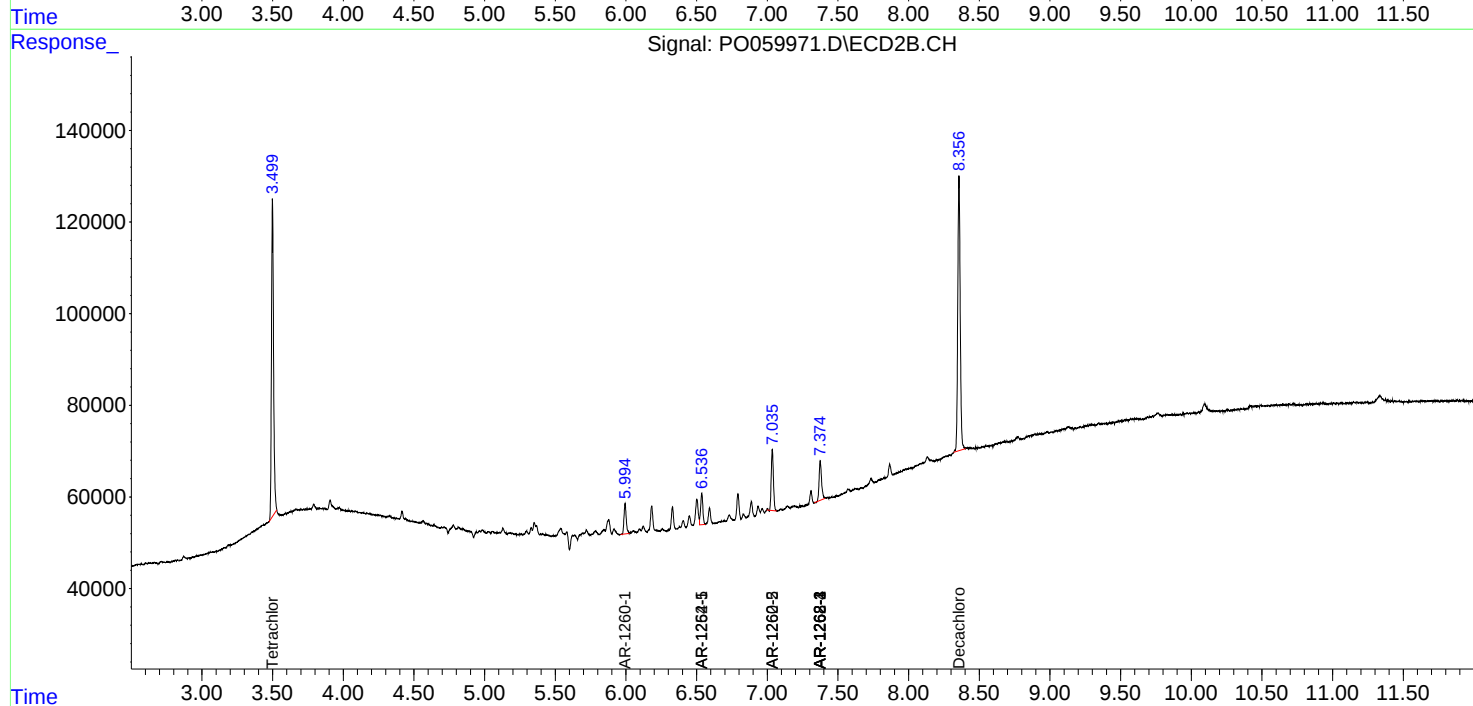
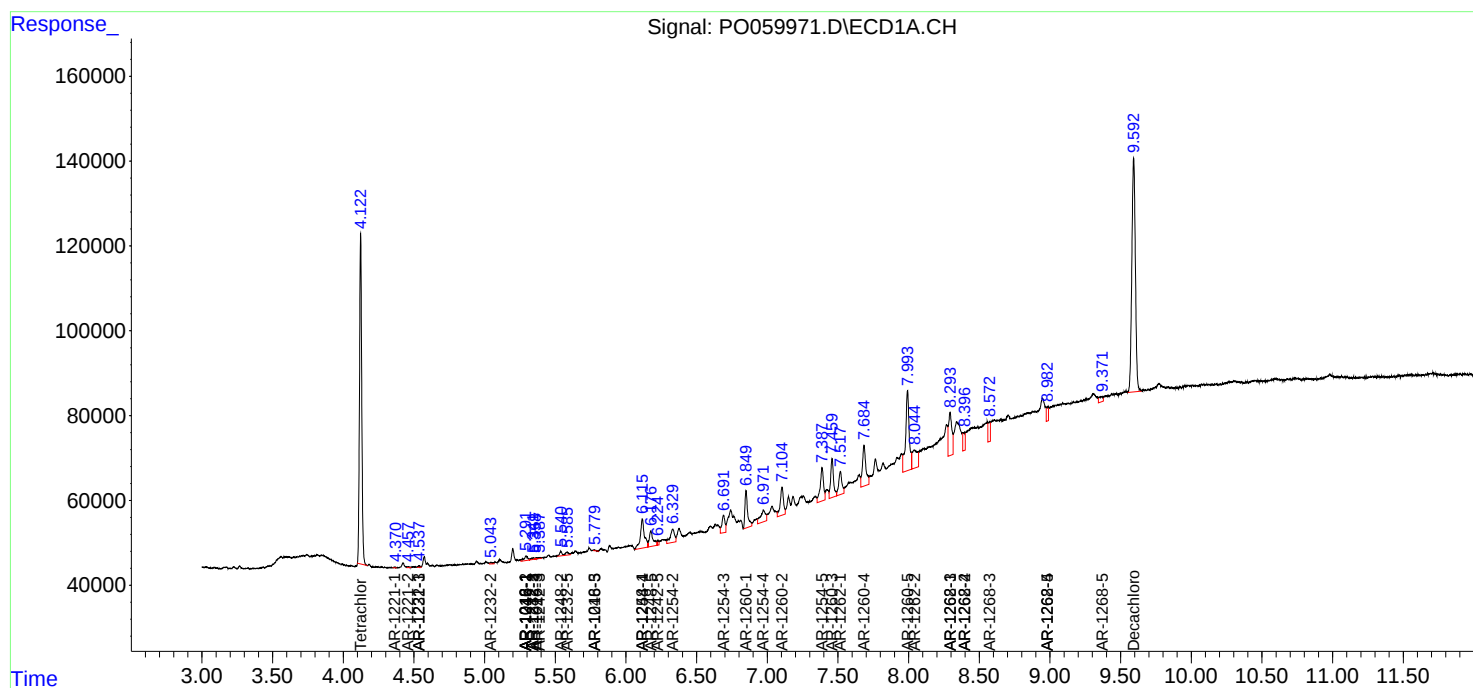
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

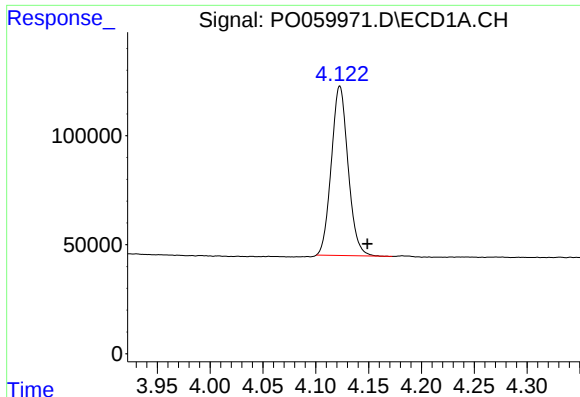
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\P0082819\
Data File : P0059971.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 28 Aug 2019 17:16
Operator : SM/AJ
Sample : K4548-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampled :
T8-S-G1-G4

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 28 18:17:50 2019
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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

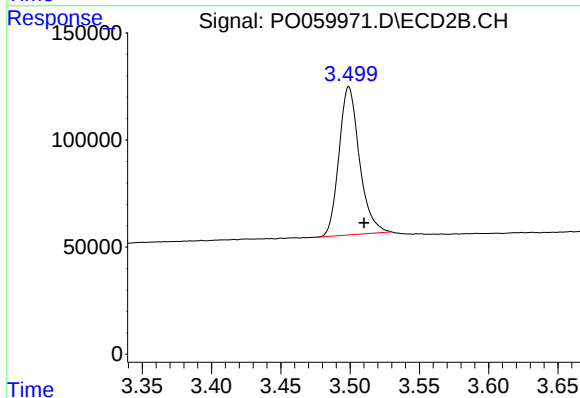




#1 Tetrachloro-m-xylene

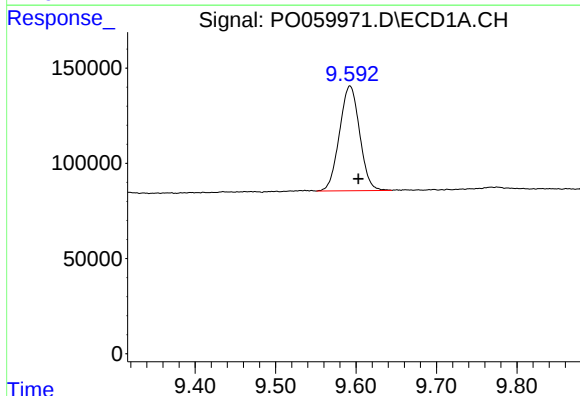
R.T.: 4.123 min
Delta R.T.: -0.026 min
Response: 856777
Conc: 24.47 ng/ml

Instrument :
ECD_O
ClientSampleId :
T8-S-G1-G4



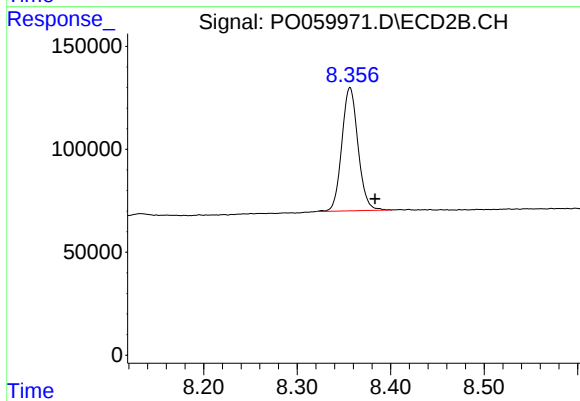
#1 Tetrachloro-m-xylene

R.T.: 3.499 min
Delta R.T.: -0.011 min
Response: 710191
Conc: 19.73 ng/ml



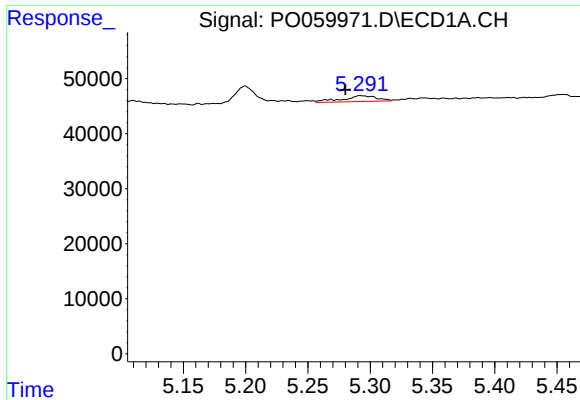
#2 Decachlorobiphenyl

R.T.: 9.593 min
Delta R.T.: -0.010 min
Response: 958884
Conc: 18.02 ng/ml



#2 Decachlorobiphenyl

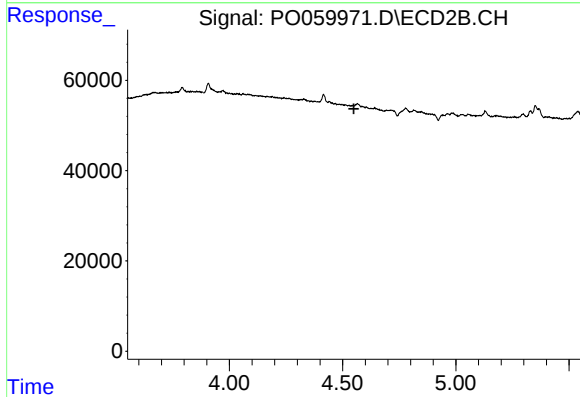
R.T.: 8.357 min
Delta R.T.: -0.027 min
Response: 720604
Conc: 17.87 ng/ml



#3 AR-1016-1

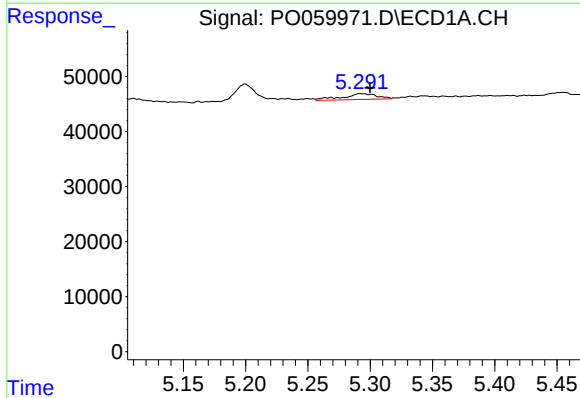
R.T.: 5.292 min
Delta R.T.: 0.012 min
Response: 20074
Conc: 12.52 ng/ml

Instrument :
ECD_O
ClientSampleId :
T8-S-G1-G4



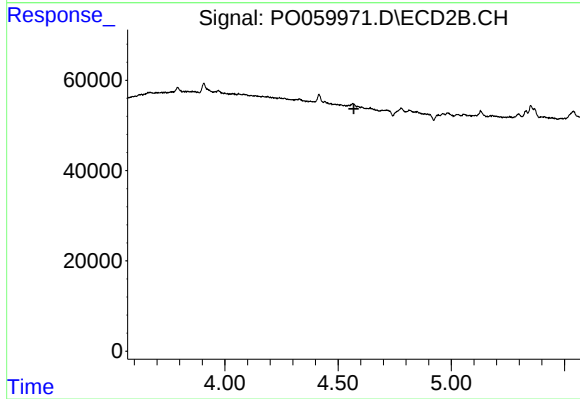
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 4.550 min
Response: 0
Conc: N.D.



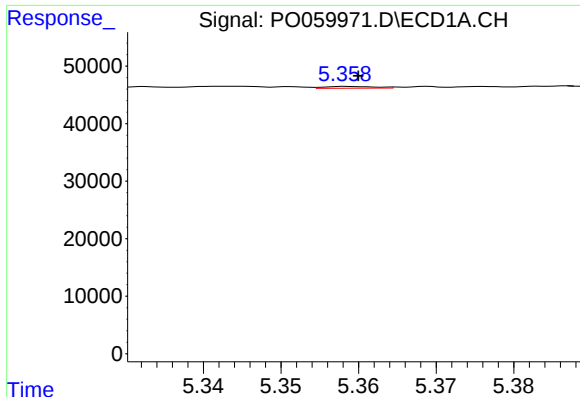
#4 AR-1016-2

R.T.: 5.292 min
Delta R.T.: -0.008 min
Response: 20074
Conc: 8.39 ng/ml



#4 AR-1016-2

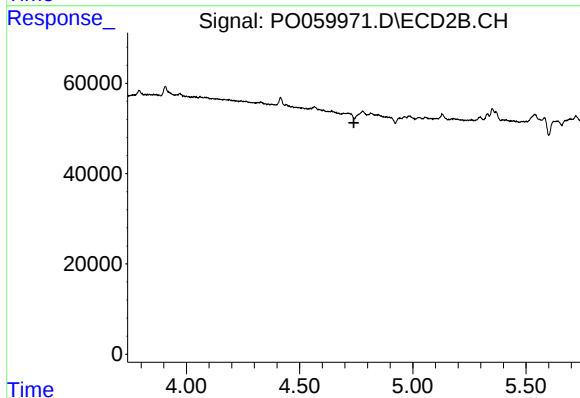
R.T.: 0.000 min
Exp R.T. : 4.570 min
Response: 0
Conc: N.D.



#5 AR-1016-3

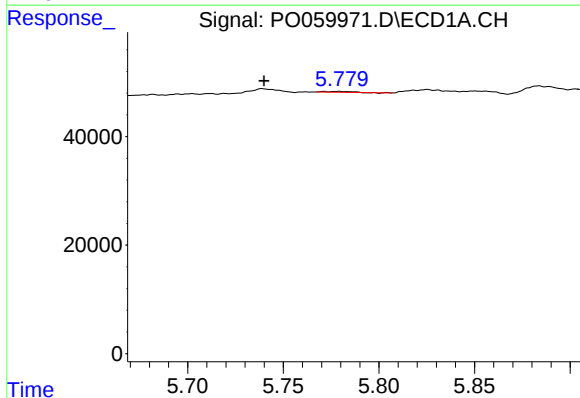
R.T.: 5.359 min
Delta R.T.: 0.000 min
Response: 1393
Conc: 0.94 ng/ml

Instrument :
ECD_O
ClientSampleId :
T8-S-G1-G4



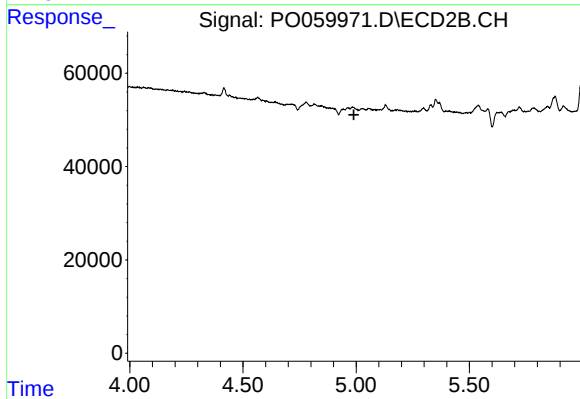
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 4.740 min
Response: 0
Conc: N.D.



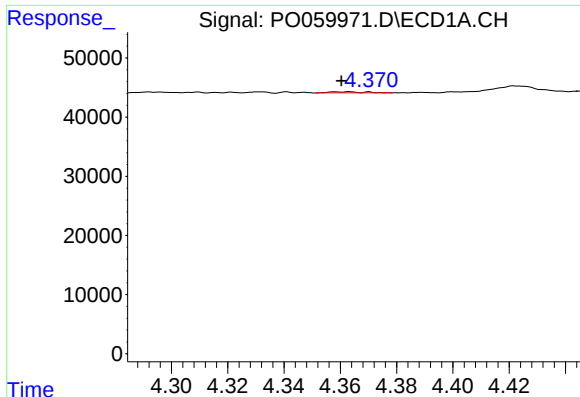
#7 AR-1016-5

R.T.: 5.779 min
Delta R.T.: 0.039 min
Response: 1444
Conc: 1.12 ng/ml



#7 AR-1016-5

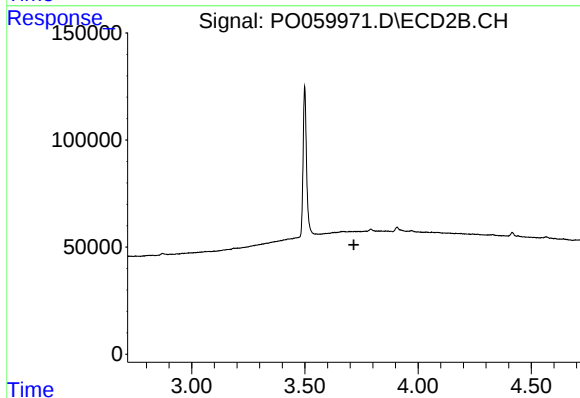
R.T.: 0.000 min
Exp R.T. : 4.990 min
Response: 0
Conc: N.D.



#8 AR-1221-1

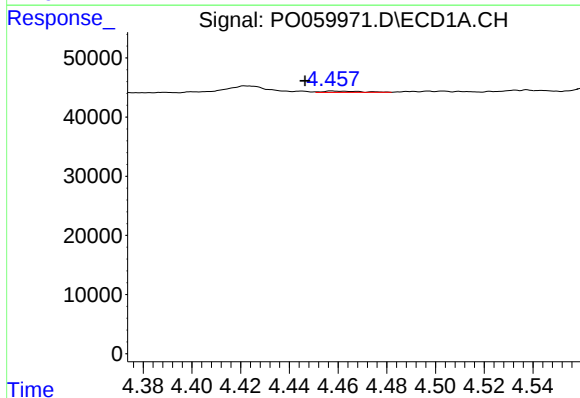
R.T.: 4.363 min
Delta R.T.: 0.003 min
Response: 1443
Conc: 3.41 ng/ml

Instrument :
ECD_O
ClientSampleId :
T8-S-G1-G4



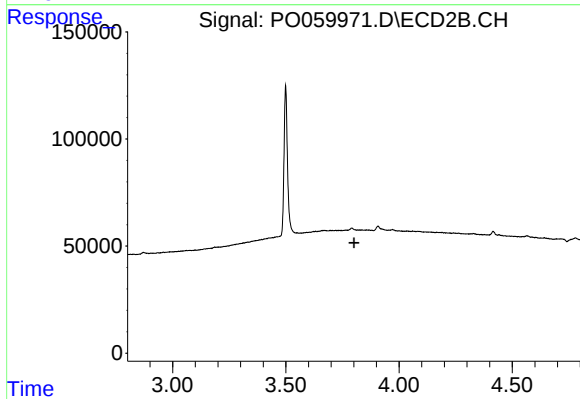
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 3.717 min
Response: 0
Conc: N.D.



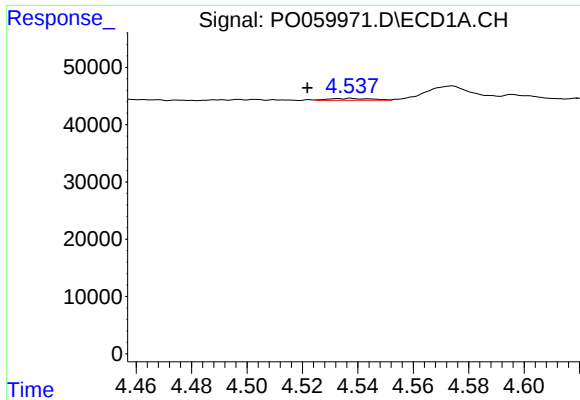
#9 AR-1221-2

R.T.: 4.458 min
Delta R.T.: 0.011 min
Response: 2257
Conc: 6.95 ng/ml



#9 AR-1221-2

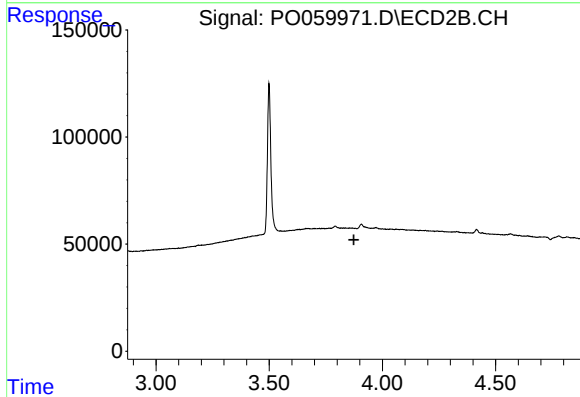
R.T.: 0.000 min
Exp R.T. : 3.801 min
Response: 0
Conc: N.D.



#10 AR-1221-3

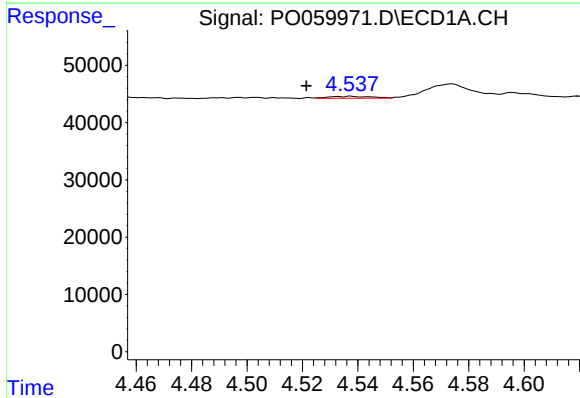
R.T.: 4.537 min
Delta R.T.: 0.016 min
Response: 3541
Conc: 3.37 ng/ml

Instrument :
ECD_O
ClientSampleId :
T8-S-G1-G4



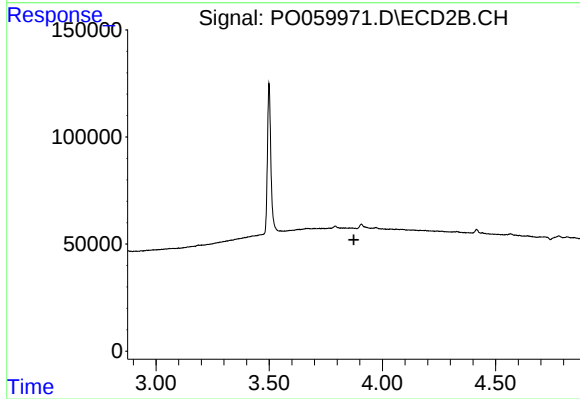
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 3.874 min
Response: 0
Conc: N.D.



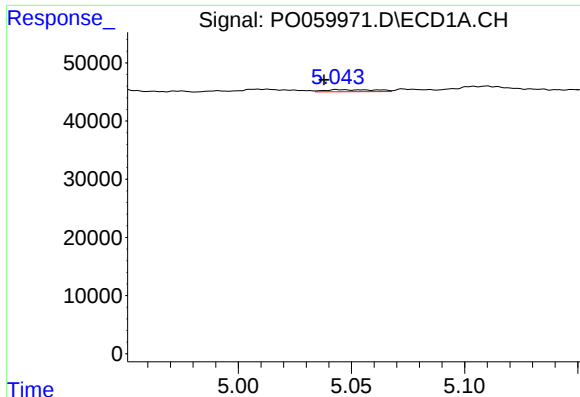
#11 AR-1232-1

R.T.: 4.537 min
Delta R.T.: 0.016 min
Response: 3541
Conc: 2.84 ng/ml



#11 AR-1232-1

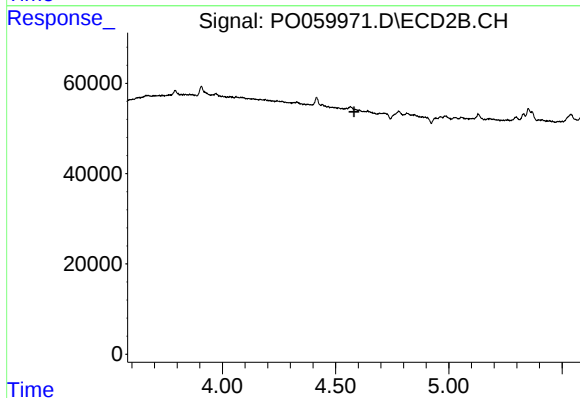
R.T.: 0.000 min
Exp R.T. : 3.874 min
Response: 0
Conc: N.D.



#12 AR-1232-2

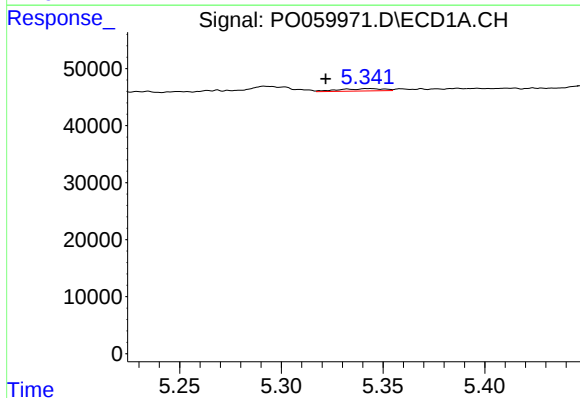
R.T.: 5.044 min
Delta R.T.: 0.006 min
Response: 5584
Conc: 7.90 ng/ml

Instrument :
ECD_O
ClientSampleId :
T8-S-G1-G4



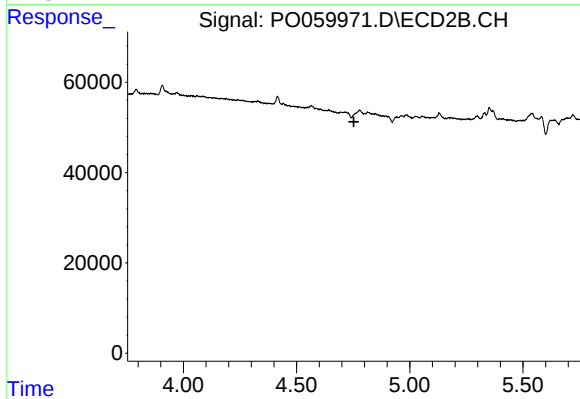
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 4.581 min
Response: 0
Conc: N.D.



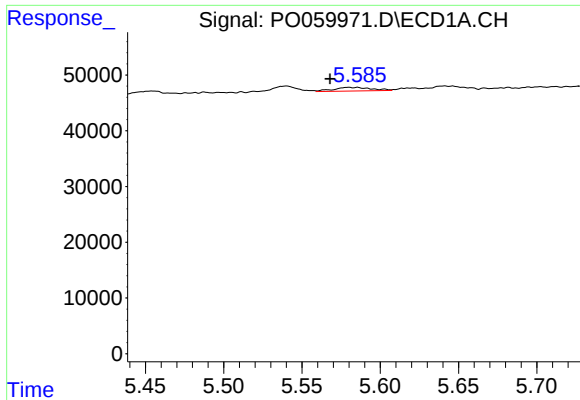
#13 AR-1232-3

R.T.: 5.343 min
Delta R.T.: 0.021 min
Response: 6273
Conc: 4.10 ng/ml



#13 AR-1232-3

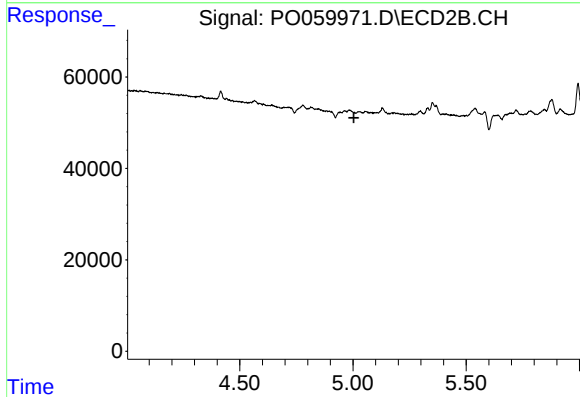
R.T.: 0.000 min
Exp R.T. : 4.753 min
Response: 0
Conc: N.D.



#15 AR-1232-5

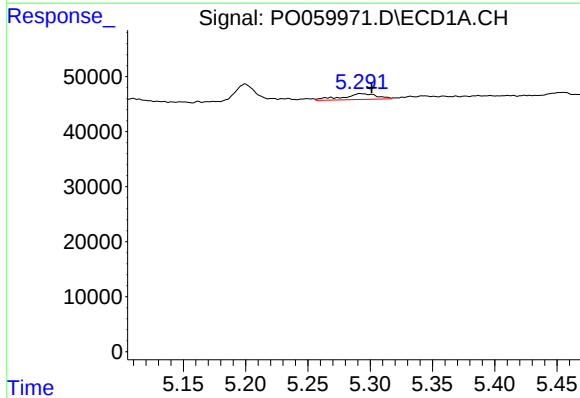
R.T.: 5.585 min
Delta R.T.: 0.017 min
Response: 11238
Conc: 18.70 ng/ml

Instrument :
ECD_O
ClientSampleId :
T8-S-G1-G4



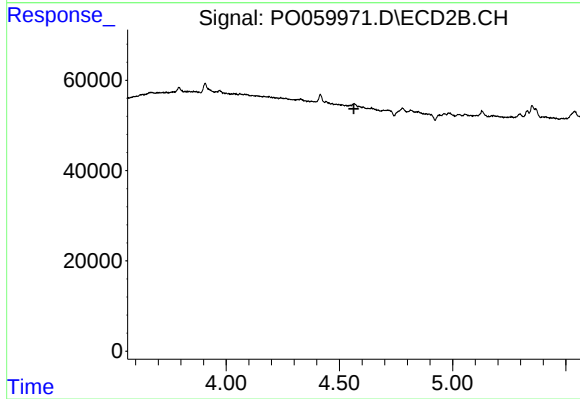
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 5.004 min
Response: 0
Conc: N.D.



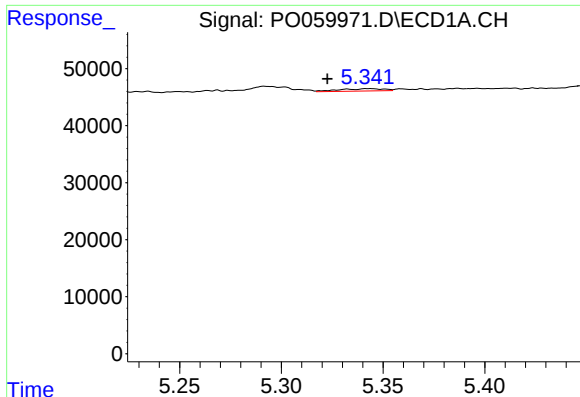
#16 AR-1242-1

R.T.: 5.292 min
Delta R.T.: -0.009 min
Response: 20074
Conc: 15.81 ng/ml



#16 AR-1242-1

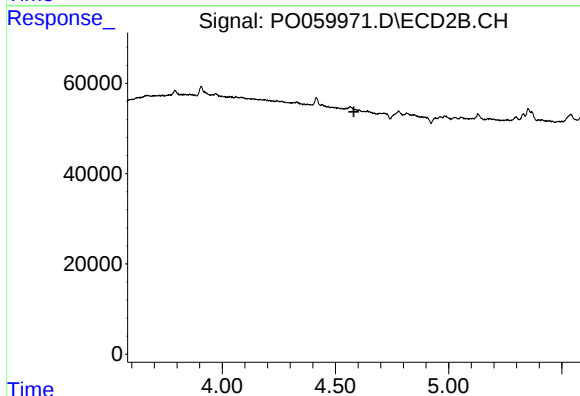
R.T.: 0.000 min
Exp R.T. : 4.564 min
Response: 0
Conc: N.D.



#17 AR-1242-2

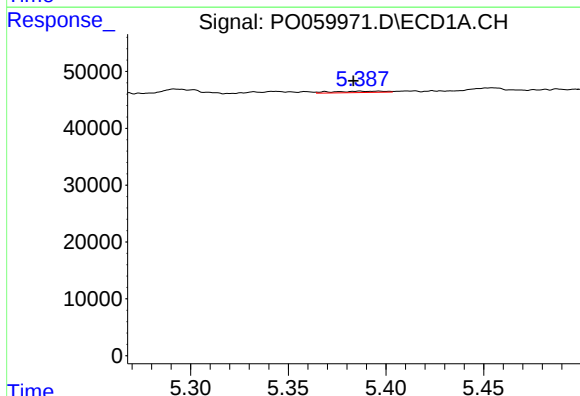
R.T.: 5.343 min
Delta R.T.: 0.021 min
Response: 6273
Conc: 3.38 ng/ml

Instrument :
ECD_O
ClientSampleId :
T8-S-G1-G4



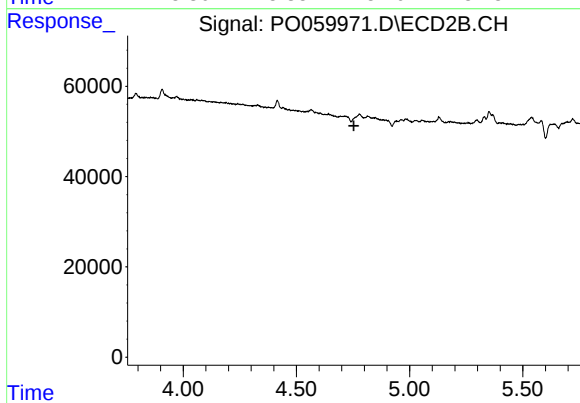
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 4.581 min
Response: 0
Conc: N.D.



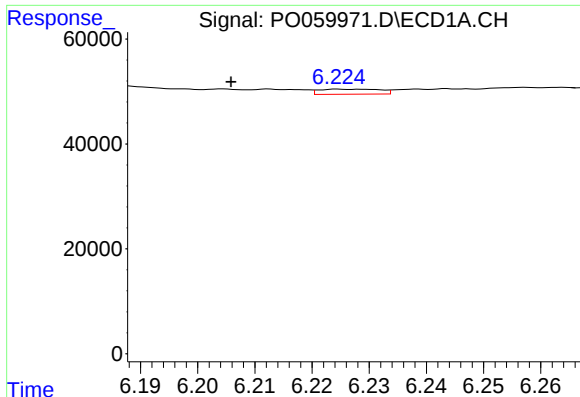
#18 AR-1242-3

R.T.: 5.387 min
Delta R.T.: 0.003 min
Response: 4337
Conc: 3.71 ng/ml



#18 AR-1242-3

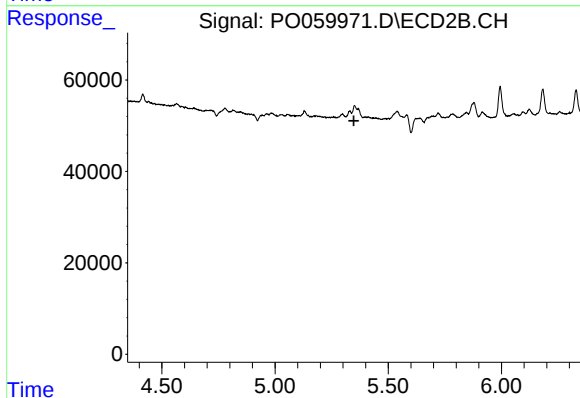
R.T.: 0.000 min
Exp R.T. : 4.754 min
Response: 0
Conc: N.D.



#20 AR-1242-5

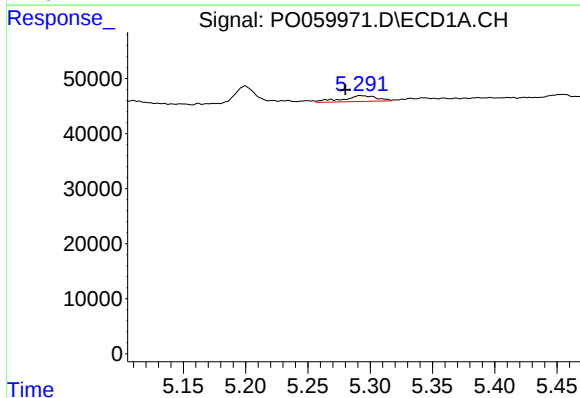
R.T.: 6.226 min
Delta R.T.: 0.020 min
Response: 7131
Conc: 5.68 ng/ml

Instrument :
ECD_O
ClientSampleId :
T8-S-G1-G4



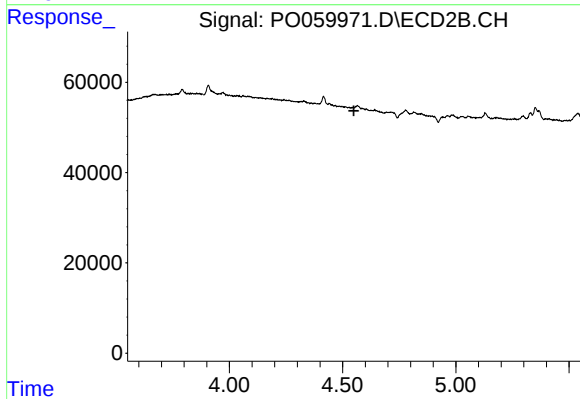
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T. : 5.348 min
Response: 0
Conc: N.D.



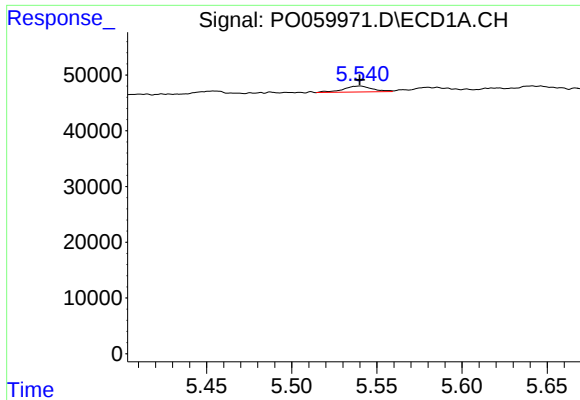
#21 AR-1248-1

R.T.: 5.292 min
Delta R.T.: 0.012 min
Response: 20074
Conc: 20.02 ng/ml



#21 AR-1248-1

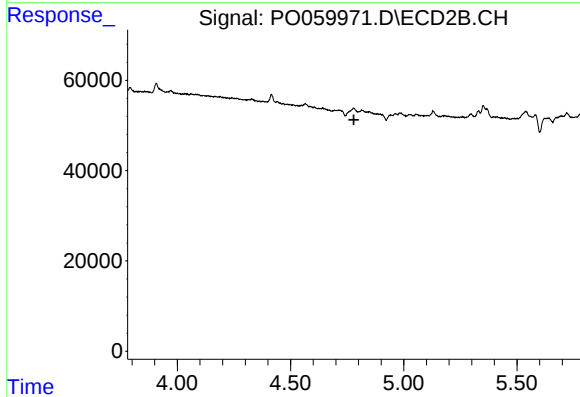
R.T.: 0.000 min
Exp R.T. : 4.550 min
Response: 0
Conc: N.D.



#22 AR-1248-2

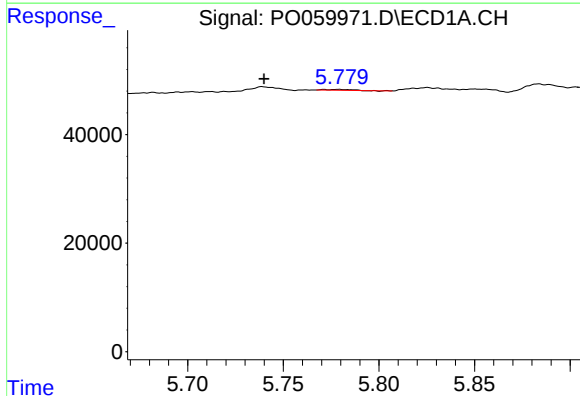
R.T.: 5.540 min
Delta R.T.: 0.000 min
Response: 12831
Conc: 8.84 ng/ml

Instrument :
ECD_O
ClientSampleId :
T8-S-G1-G4



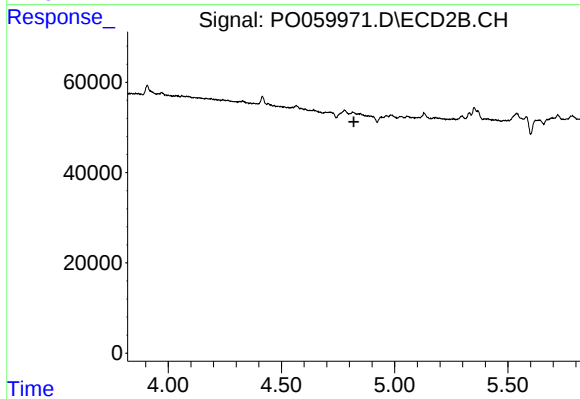
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T. : 4.780 min
Response: 0
Conc: N.D.



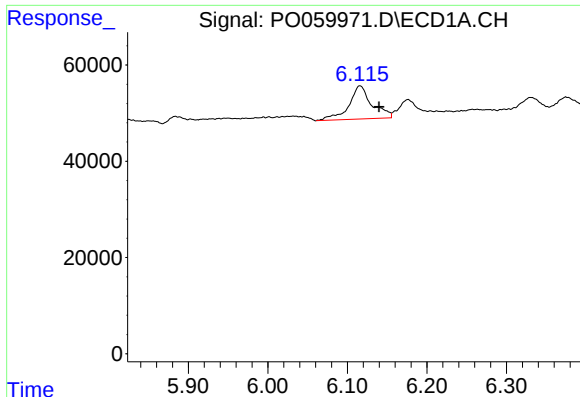
#23 AR-1248-3

R.T.: 5.779 min
Delta R.T.: 0.039 min
Response: 1444
Conc: 0.87 ng/ml



#23 AR-1248-3

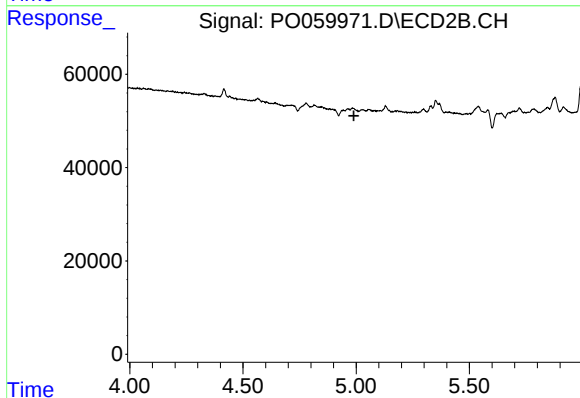
R.T.: 0.000 min
Exp R.T. : 4.820 min
Response: 0
Conc: N.D.



#24 AR-1248-4

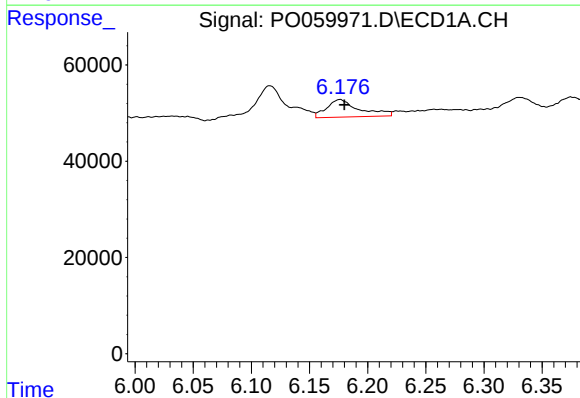
R.T.: 6.116 min
Delta R.T.: -0.024 min
Response: 138117
Conc: 67.57 ng/ml

Instrument :
ECD_O
ClientSampleId :
T8-S-G1-G4



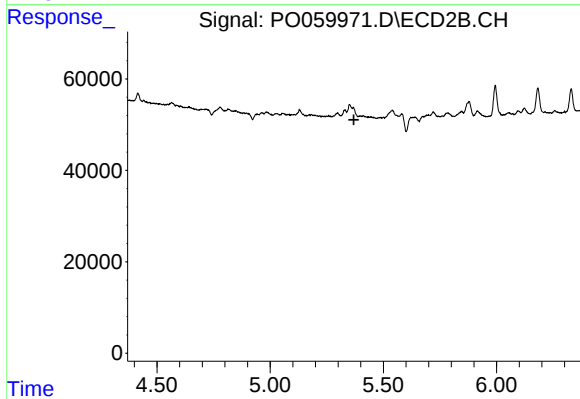
#24 AR-1248-4

R.T.: 0.000 min
Exp R.T. : 4.990 min
Response: 0
Conc: N.D.



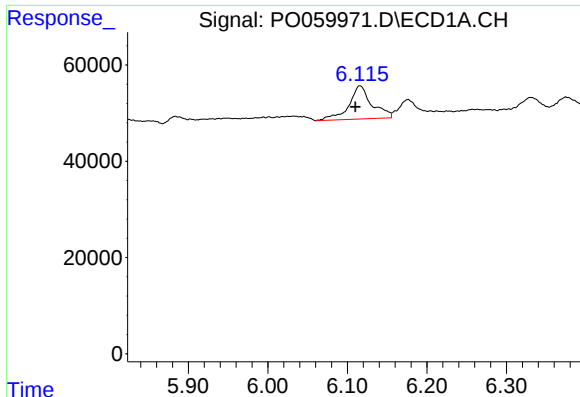
#25 AR-1248-5

R.T.: 6.176 min
Delta R.T.: -0.004 min
Response: 70949
Conc: 35.78 ng/ml



#25 AR-1248-5

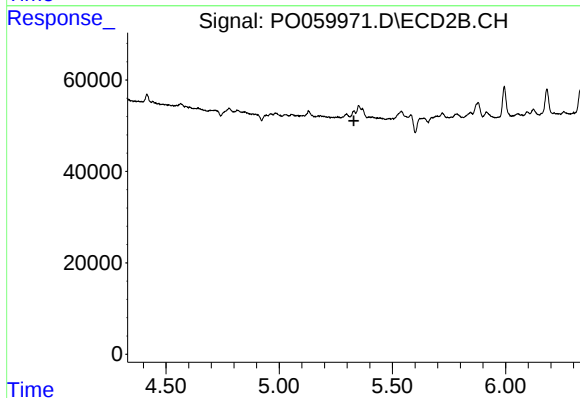
R.T.: 0.000 min
Exp R.T. : 5.370 min
Response: 0
Conc: N.D.



#26 AR-1254-1

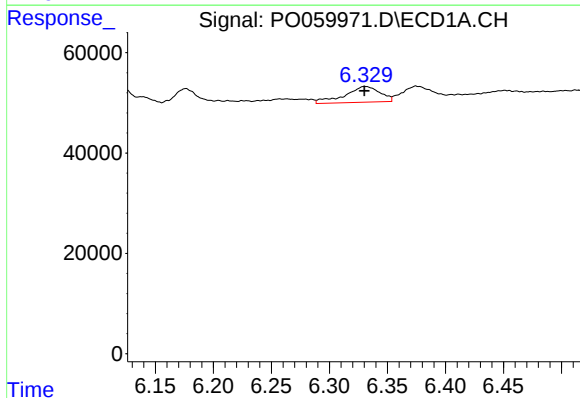
R.T.: 6.116 min
Delta R.T.: 0.006 min
Response: 138117
Conc: 66.20 ng/ml

Instrument :
ECD_O
ClientSampleId :
T8-S-G1-G4



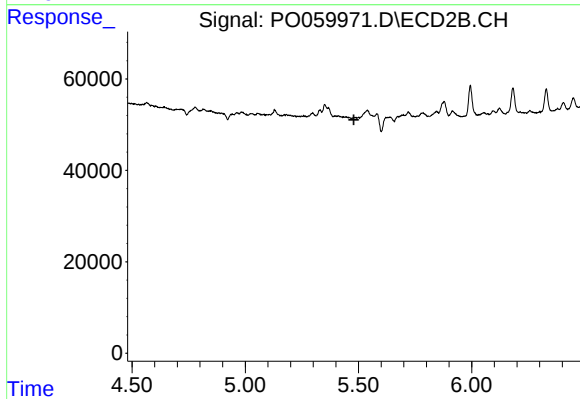
#26 AR-1254-1

R.T.: 0.000 min
Exp R.T. : 5.330 min
Response: 0
Conc: N.D.



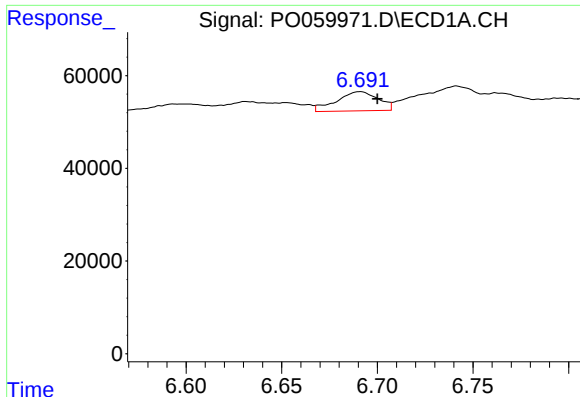
#27 AR-1254-2

R.T.: 6.331 min
Delta R.T.: 0.000 min
Response: 66562
Conc: 19.95 ng/ml



#27 AR-1254-2

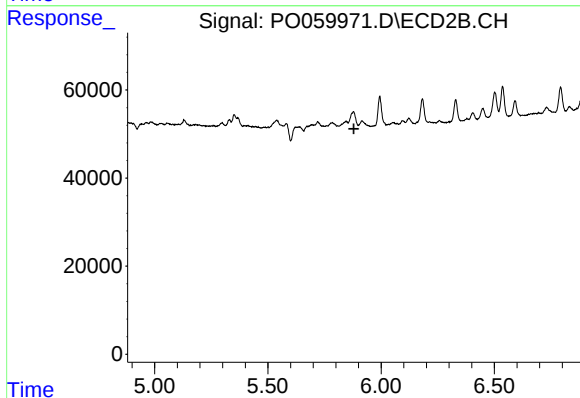
R.T.: 0.000 min
Exp R.T. : 5.480 min
Response: 0
Conc: N.D.



#28 AR-1254-3

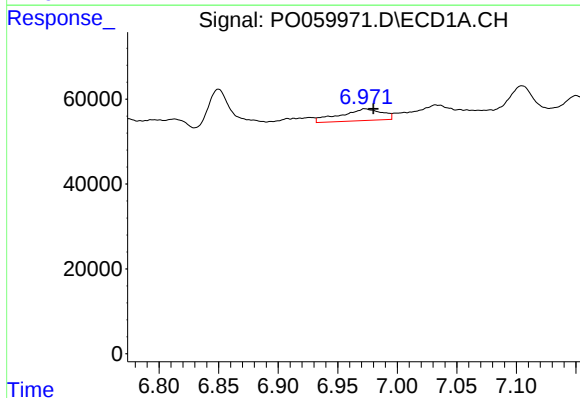
R.T.: 6.691 min
Delta R.T.: -0.009 min
Response: 62737
Conc: 17.68 ng/ml

Instrument :
ECD_O
ClientSampleId :
T8-S-G1-G4



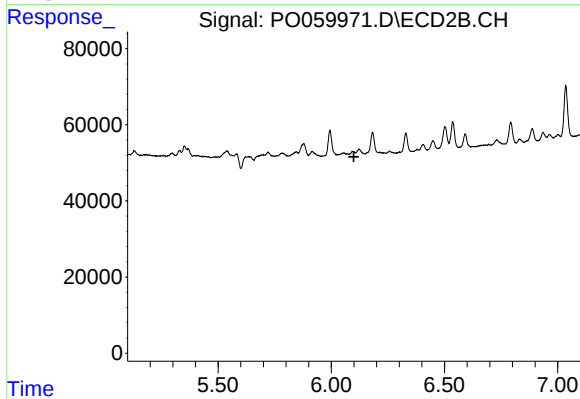
#28 AR-1254-3

R.T.: 0.000 min
Exp R.T. : 5.880 min
Response: 0
Conc: N.D.



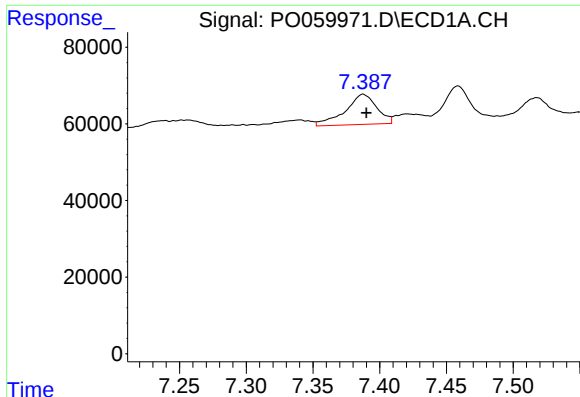
#29 AR-1254-4

R.T.: 6.973 min
Delta R.T.: -0.007 min
Response: 68026
Conc: 23.09 ng/ml



#29 AR-1254-4

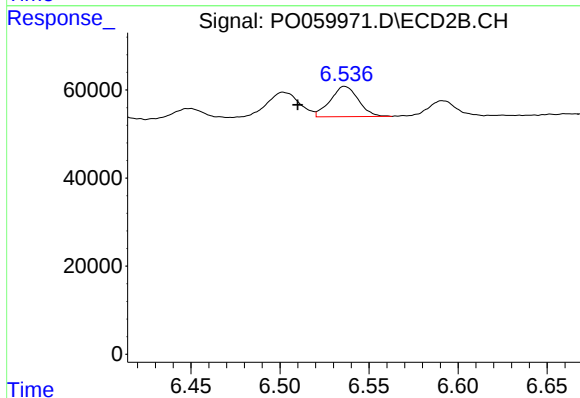
R.T.: 0.000 min
Exp R.T. : 6.100 min
Response: 0
Conc: N.D.



#30 AR-1254-5

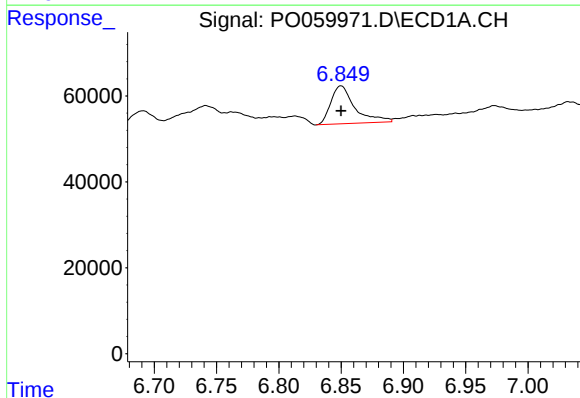
R.T.: 7.388 min
Delta R.T.: -0.002 min
Response: 129453
Conc: 41.86 ng/ml

Instrument :
ECD_O
ClientSampleId :
T8-S-G1-G4



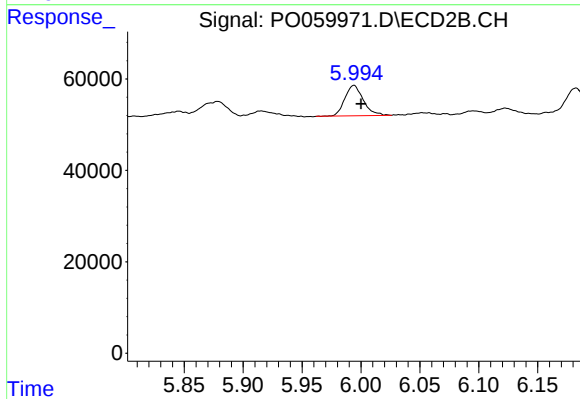
#30 AR-1254-5

R.T.: 6.536 min
Delta R.T.: 0.026 min
Response: 75605
Conc: 24.35 ng/ml



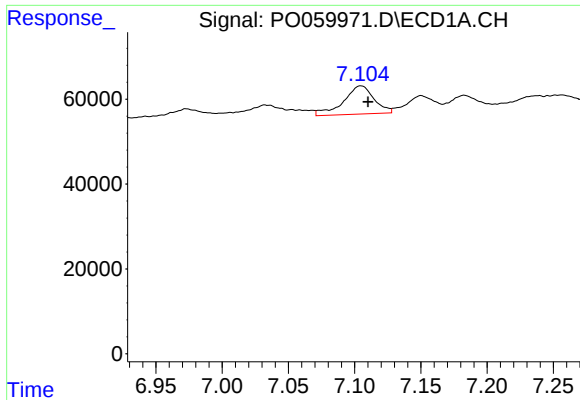
#31 AR-1260-1

R.T.: 6.850 min
Delta R.T.: 0.000 min
Response: 118366
Conc: 43.91 ng/ml



#31 AR-1260-1

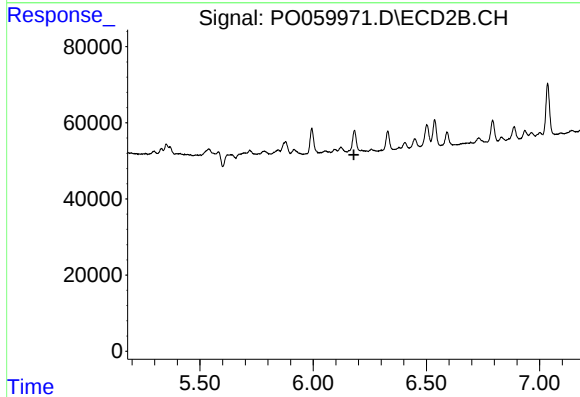
R.T.: 5.994 min
Delta R.T.: -0.006 min
Response: 72764
Conc: 31.93 ng/ml



#32 AR-1260-2

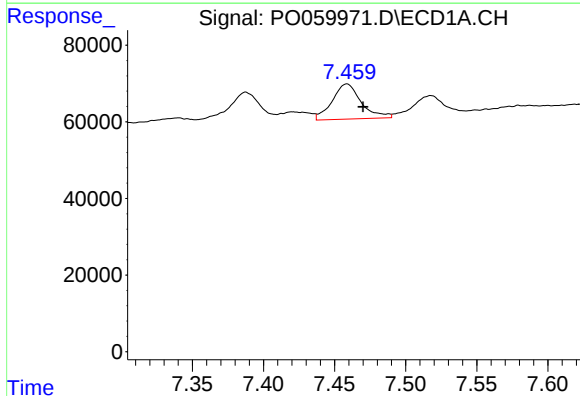
R.T.: 7.105 min
Delta R.T.: -0.005 min
Response: 106515
Conc: 28.71 ng/ml

Instrument :
ECD_O
ClientSampleId :
T8-S-G1-G4



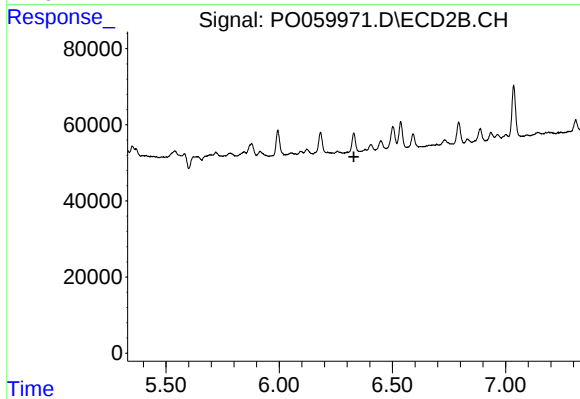
#32 AR-1260-2

R.T.: 0.000 min
Exp R.T. : 6.180 min
Response: 0
Conc: N.D.



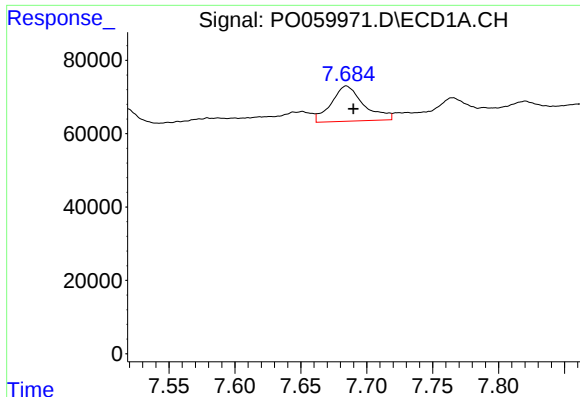
#33 AR-1260-3

R.T.: 7.459 min
Delta R.T.: -0.011 min
Response: 129947
Conc: 39.66 ng/ml



#33 AR-1260-3

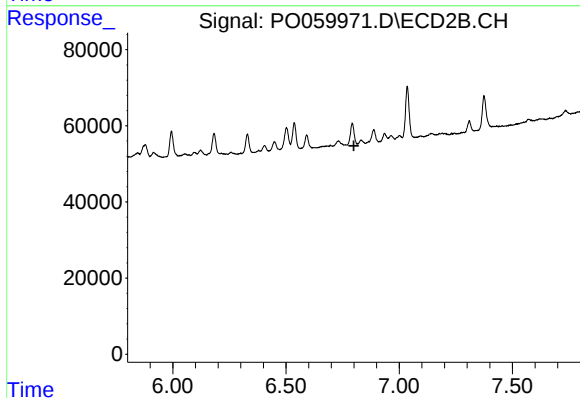
R.T.: 0.000 min
Exp R.T. : 6.330 min
Response: 0
Conc: N.D.



#34 AR-1260-4

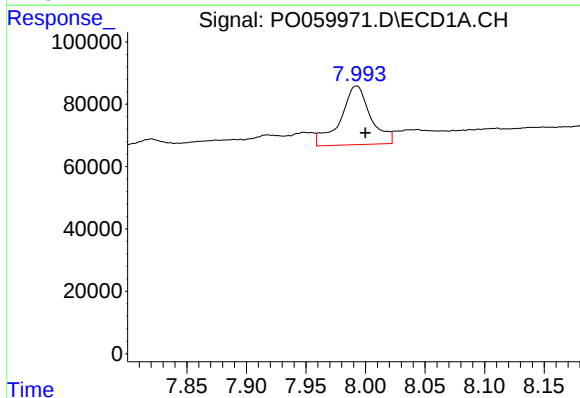
R.T.: 7.685 min
Delta R.T.: -0.005 min
Response: 164275
Conc: 53.49 ng/ml

Instrument :
ECD_O
ClientSampleId :
T8-S-G1-G4



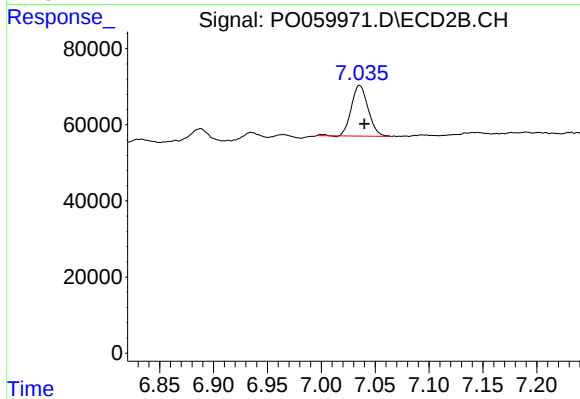
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T. : 6.800 min
Response: 0
Conc: N.D.



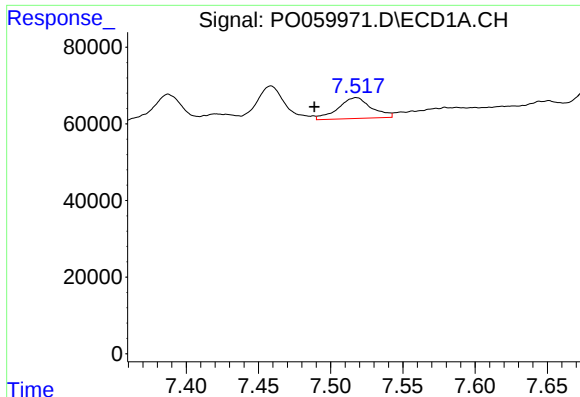
#35 AR-1260-5

R.T.: 7.992 min
Delta R.T.: -0.008 min
Response: 332674
Conc: 46.98 ng/ml



#35 AR-1260-5

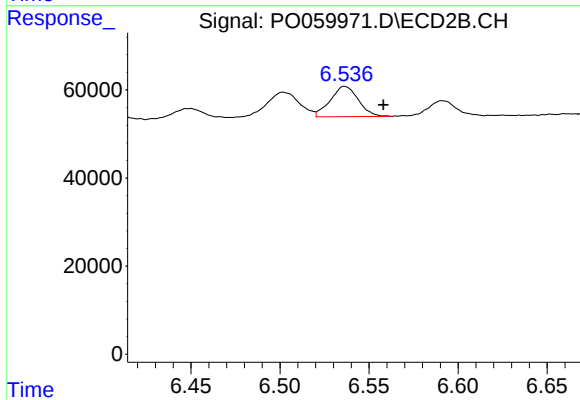
R.T.: 7.036 min
Delta R.T.: -0.004 min
Response: 144060
Conc: 26.18 ng/ml



#36 AR-1262-1

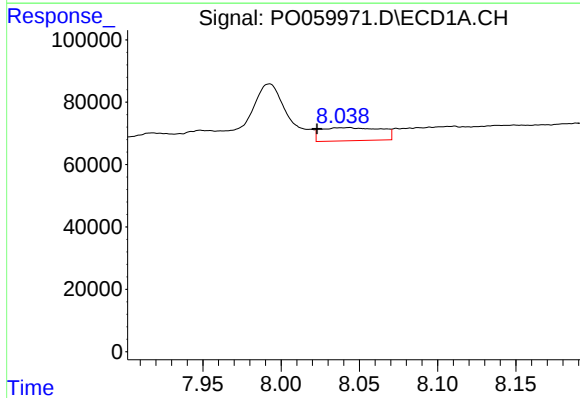
R.T.: 7.518 min
Delta R.T.: 0.029 min
Response: 87625
Conc: 18.06 ng/ml

Instrument :
ECD_O
ClientSampleId :
T8-S-G1-G4



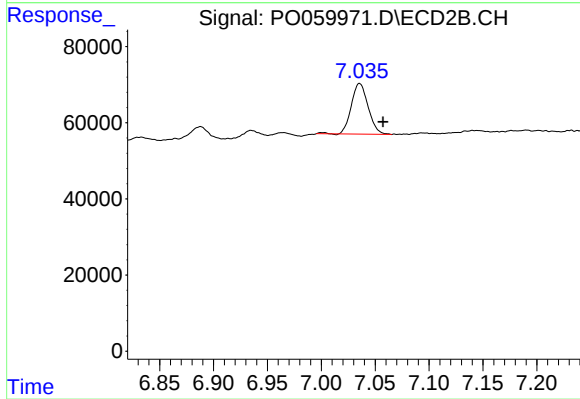
#36 AR-1262-1

R.T.: 6.536 min
Delta R.T.: -0.022 min
Response: 75605
Conc: 20.28 ng/ml



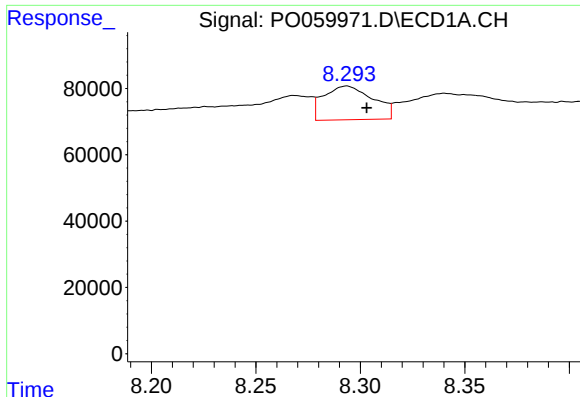
#37 AR-1262-2

R.T.: 8.043 min
Delta R.T.: 0.020 min
Response: 112610
Conc: 14.59 ng/ml



#37 AR-1262-2

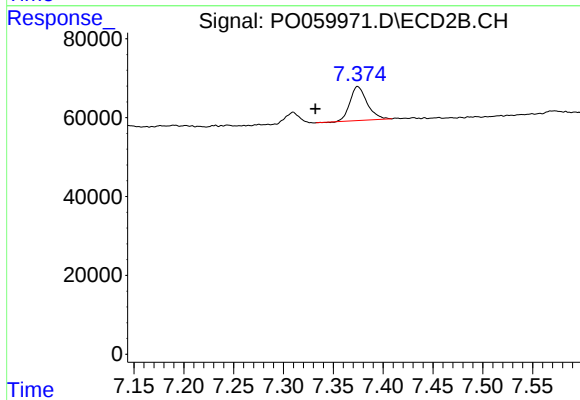
R.T.: 7.036 min
Delta R.T.: -0.022 min
Response: 144060
Conc: 24.50 ng/ml



#38 AR-1262-3

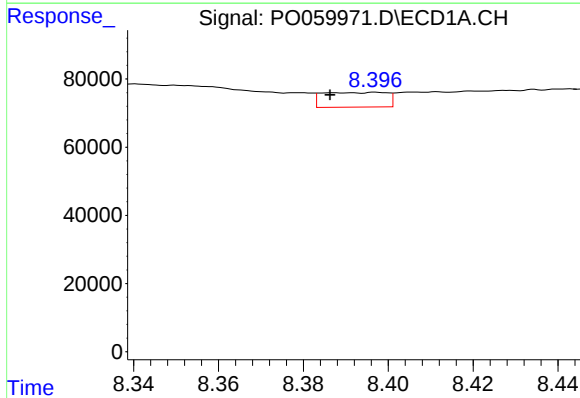
R.T.: 8.293 min
Delta R.T.: -0.010 min
Response: 167047
Conc: 32.74 ng/ml

Instrument :
ECD_O
ClientSampleId :
T8-S-G1-G4



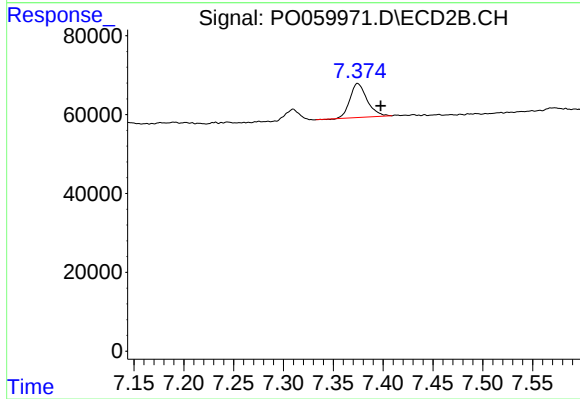
#38 AR-1262-3

R.T.: 7.375 min
Delta R.T.: 0.042 min
Response: 103038
Conc: 40.55 ng/ml



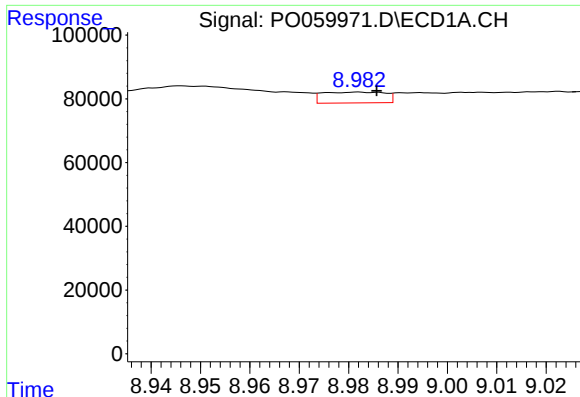
#39 AR-1262-4

R.T.: 8.387 min
Delta R.T.: 0.000 min
Response: 45363
Conc: 11.77 ng/ml



#39 AR-1262-4

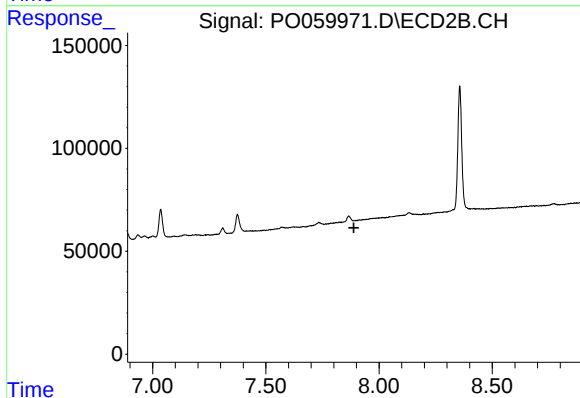
R.T.: 7.375 min
Delta R.T.: -0.023 min
Response: 103038
Conc: 23.32 ng/ml



#40 AR-1262-5

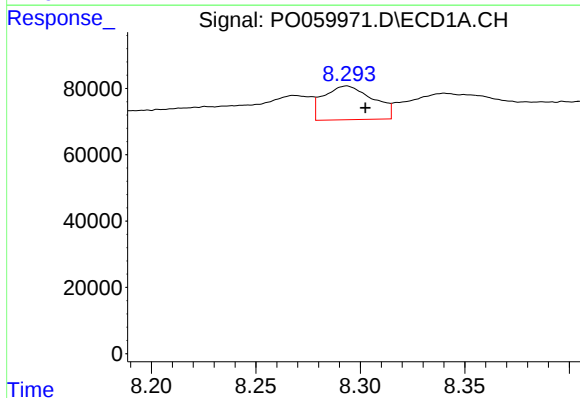
R.T.: 8.982 min
Delta R.T.: -0.003 min
Response: 29797
Conc: 11.61 ng/ml

Instrument :
ECD_O
ClientSampleId :
T8-S-G1-G4



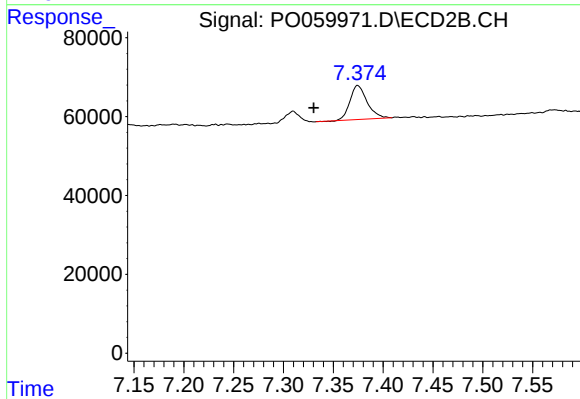
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 7.889 min
Response: 0
Conc: N.D.



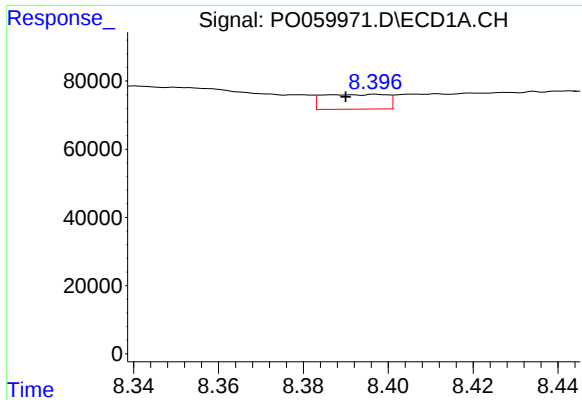
#41 AR-1268-1

R.T.: 8.293 min
Delta R.T.: -0.009 min
Response: 167047
Conc: 17.75 ng/ml



#41 AR-1268-1

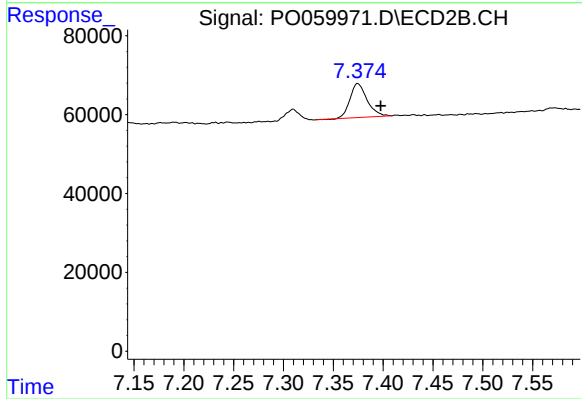
R.T.: 7.375 min
Delta R.T.: 0.044 min
Response: 103038
Conc: 14.47 ng/ml



#42 AR-1268-2

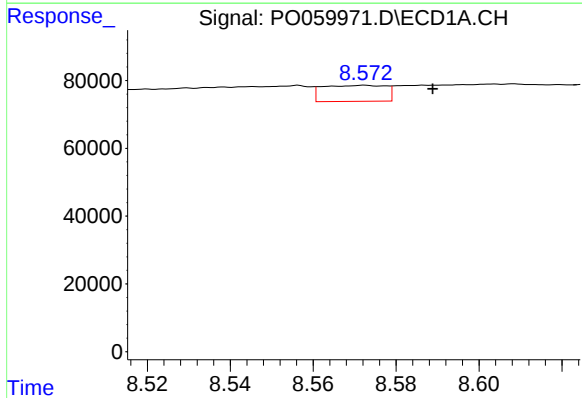
R.T.: 8.387 min
Delta R.T.: -0.003 min
Response: 45363
Conc: 5.75 ng/ml

Instrument :
ECD_O
ClientSampleId :
T8-S-G1-G4



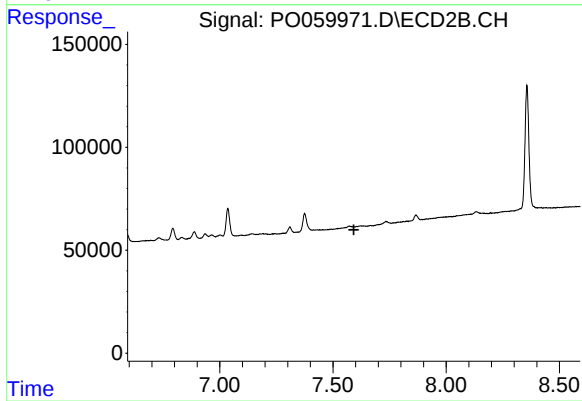
#42 AR-1268-2

R.T.: 7.375 min
Delta R.T.: -0.023 min
Response: 103038
Conc: 15.98 ng/ml



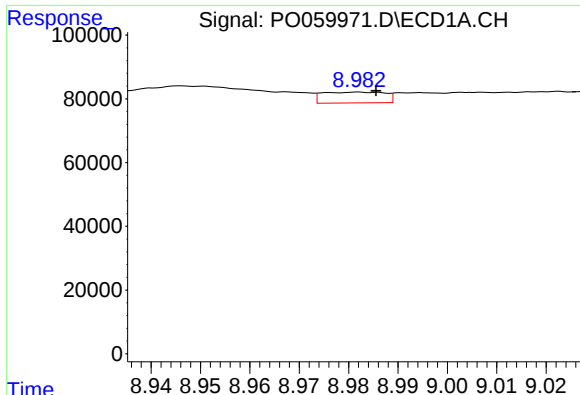
#43 AR-1268-3

R.T.: 8.572 min
Delta R.T.: -0.017 min
Response: 49903
Conc: 7.08 ng/ml



#43 AR-1268-3

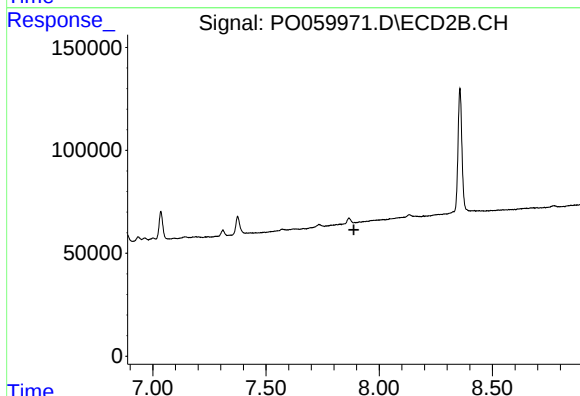
R.T.: 0.000 min
Exp R.T.: 7.592 min
Response: 0
Conc: N.D.



#44 AR-1268-4

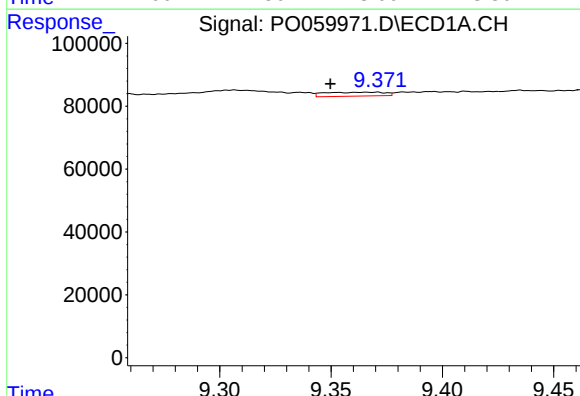
R.T.: 8.982 min
Delta R.T.: -0.003 min
Response: 29797
Conc: 10.72 ng/ml

Instrument :
ECD_O
ClientSampleId :
T8-S-G1-G4



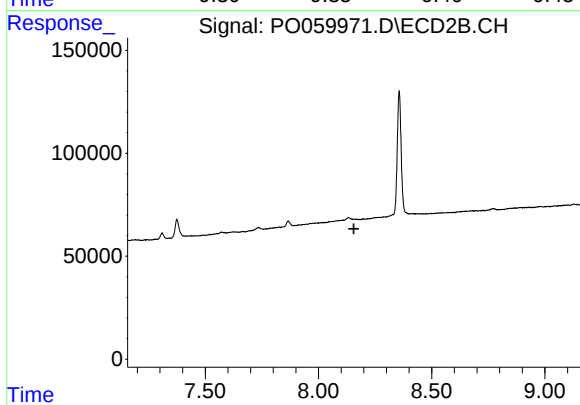
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 7.888 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.370 min
Delta R.T.: 0.021 min
Response: 23236
Conc: 1.26 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 8.157 min
Response: 0
Conc: N.D.