

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0083019\
 Data File : P0060139.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 31 Aug 2019 4:09
 Operator : SM/AJ
 Sample : K4619-38
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 CONCRETE-2

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 31 05:27:01 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0081719.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Aug 30 18:12:46 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...	4.117	3.495	799378	757931	22.831	21.056
2)	SA Decachlor...	9.573	8.348	1036048	815420	19.475	20.223
Target Compounds							
3)	L1 AR-1016-1	5.277	0.000	2242	0	1.398	N.D. #
4)	L1 AR-1016-2	5.298	0.000	465	0	0.195	N.D. #
5)	L1 AR-1016-3	5.368	0.000	4744	0	3.185	N.D. #
6)	L1 AR-1016-4	5.435	0.000	852	0	0.704	N.D. #
8)	L2 AR-1221-1	4.363	0.000	754	0	1.781	N.D. #
9)	L2 AR-1221-2	4.417	0.000	11969	0	36.851	N.D. #
10)	L2 AR-1221-3	4.498	0.000	9605	0	9.132	N.D. #
11)	L3 AR-1232-1	4.498	0.000	9605	0	7.706	N.D. #
12)	L3 AR-1232-2	5.002	0.000	2033	0	2.878	N.D. #
13)	L3 AR-1232-3	5.298	0.000	465	0	0.304	N.D. #
14)	L3 AR-1232-4	5.539	0.000	687	0	0.879	N.D. #
15)	L3 AR-1232-5	5.585	0.000	927	0	1.542	N.D. #
16)	L4 AR-1242-1	5.298	0.000	465	0	0.367	N.D. #
17)	L4 AR-1242-2	5.298	0.000	465	0	0.251	N.D. #
18)	L4 AR-1242-3	5.368	0.000	4744	0	4.059	N.D. #
19)	L4 AR-1242-4	5.539	0.000	687	0	0.710	N.D. #
20)	L4 AR-1242-5	6.192	0.000	11069	0	8.809	N.D. #
21)	L5 AR-1248-1	5.277	0.000	2242	0	2.236	N.D. #
22)	L5 AR-1248-2	5.539	0.000	687	0	0.474	N.D. #
23)	L5 AR-1248-3	5.655	0.000	4589	0	2.761	N.D. #
24)	L5 AR-1248-4	6.128	0.000	3503	0	1.713	N.D. #
25)	L5 AR-1248-5	6.192	0.000	11069	0	5.582	N.D. #
26)	L6 AR-1254-1	6.107	0.000	9479	0	4.543	N.D. #
27)	L6 AR-1254-2	6.322	0.000	5782	0	1.733	N.D. #
28)	L6 AR-1254-3	6.680	0.000	7685	0	2.166	N.D. #
29)	L6 AR-1254-4	6.980	0.000	3659	0	1.242	N.D. #
30)	L6 AR-1254-5	7.375	0.000	9565	0	3.093	N.D. #
31)	L7 AR-1260-1	6.858	0.000	9668	0	3.586	N.D. #
32)	L7 AR-1260-2	7.118	0.000	361	0	0.097	N.D. #
33)	L7 AR-1260-3	7.448	0.000	11338	0	3.460	N.D. #
34)	L7 AR-1260-4	7.680	0.000	25083	0	8.167	N.D. #
35)	L7 AR-1260-5	7.998	0.000	16052	0	2.267	N.D. #
36)	L8 AR-1262-1	7.523	0.000	3241	0	0.668	N.D. #
37)	L8 AR-1262-2	8.035	0.000	30699	0	3.979	N.D. #
38)	L8 AR-1262-3	8.324	7.260	224860	-1836	44.070	N.D. #
39)	L8 AR-1262-4	8.356	7.440	49570	34972	12.860	7.914 #
40)	L8 AR-1262-5	8.954	0.000	20593	0	8.024	N.D. #
41)	L9 AR-1268-1	8.324	7.260	224860	-1836	23.894	N.D. #
42)	L9 AR-1268-2	8.356	7.440	49570	34972	6.288	5.424

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0083019\
Data File : P0060139.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 31 Aug 2019 4:09
Operator : SM/AJ
Sample : K4619-38
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
CONCRETE-2

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 31 05:27:01 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0081719.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 30 18:12:46 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
43)	L9 AR-1268-3	8.604	0.000	76227	0	10.814	N.D. #
44)	L9 AR-1268-4	8.954	0.000	20593	0	7.408	N.D. #

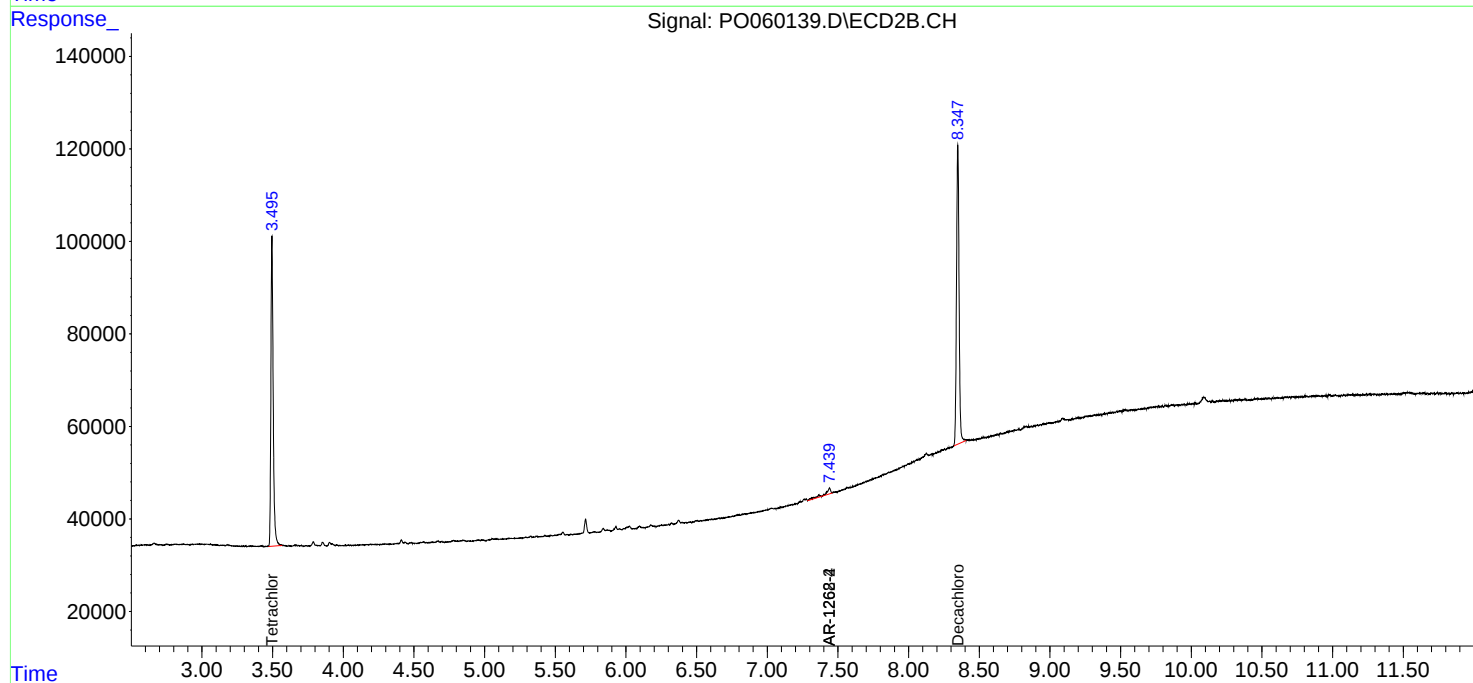
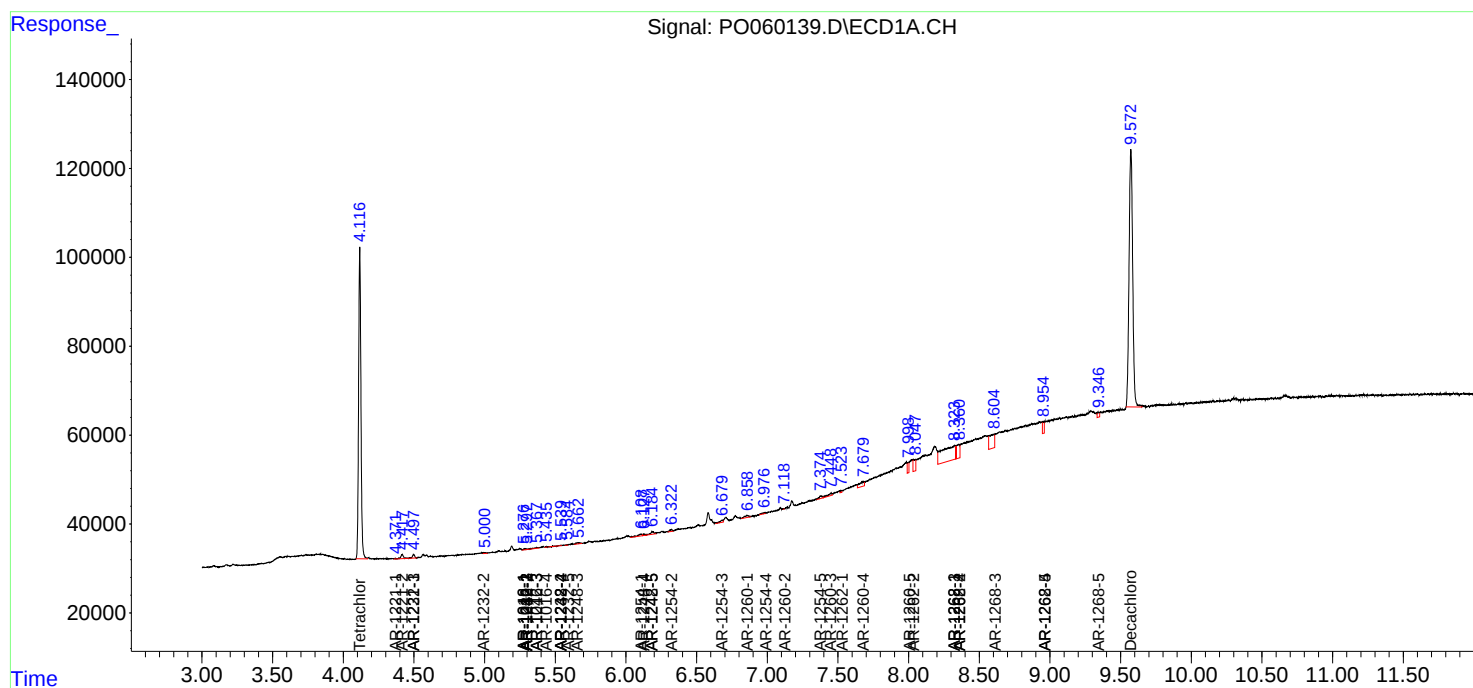
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

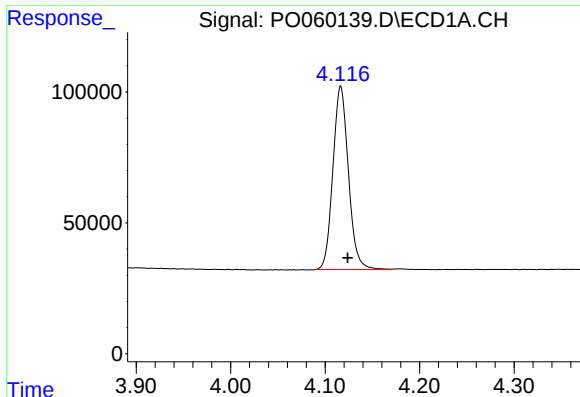
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO083019\
Data File : PO060139.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 31 Aug 2019 4:09
Operator : SM/AJ
Sample : K4619-38
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
CONCRETE-2

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 31 05:27:01 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081719.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 30 18:12:46 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

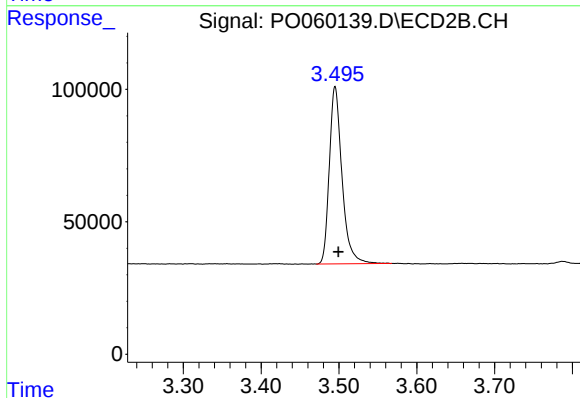




#1 Tetrachloro-m-xylene

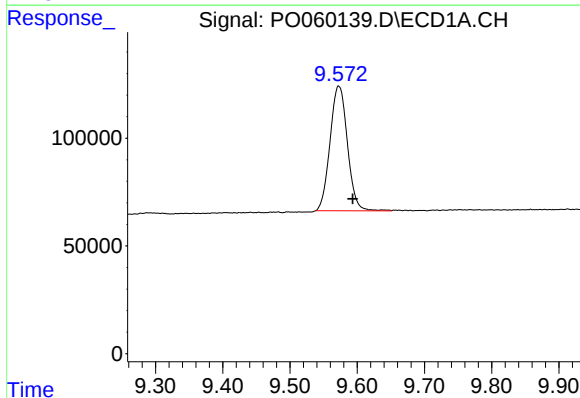
R.T.: 4.117 min
Delta R.T.: -0.007 min
Response: 799378
Conc: 22.83 ng/ml

Instrument :
ECD_O
ClientSampleId :
CONCRETE-2



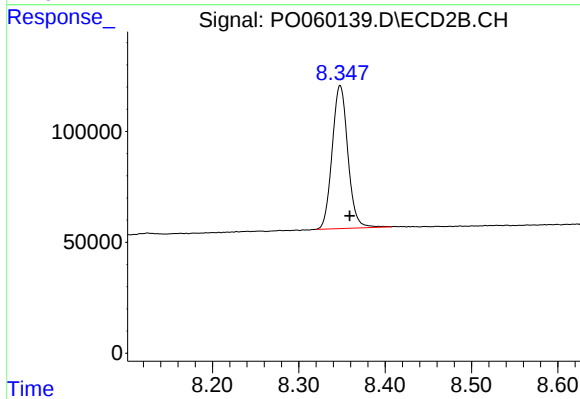
#1 Tetrachloro-m-xylene

R.T.: 3.495 min
Delta R.T.: -0.004 min
Response: 757931
Conc: 21.06 ng/ml



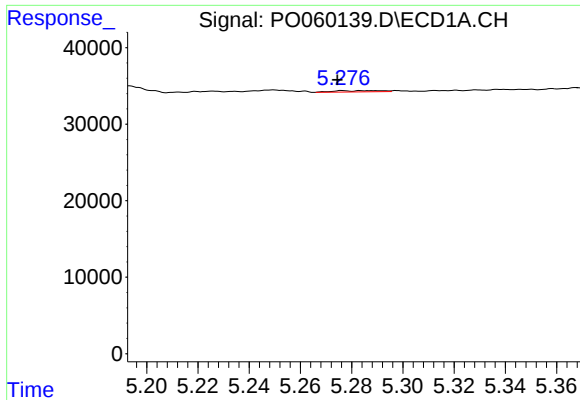
#2 Decachlorobiphenyl

R.T.: 9.573 min
Delta R.T.: -0.021 min
Response: 1036048
Conc: 19.47 ng/ml



#2 Decachlorobiphenyl

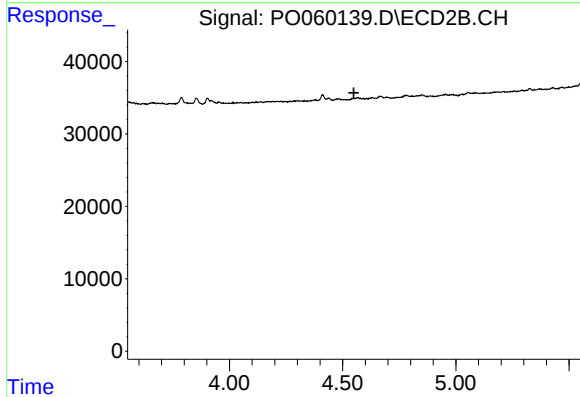
R.T.: 8.348 min
Delta R.T.: -0.011 min
Response: 815420
Conc: 20.22 ng/ml



#3 AR-1016-1

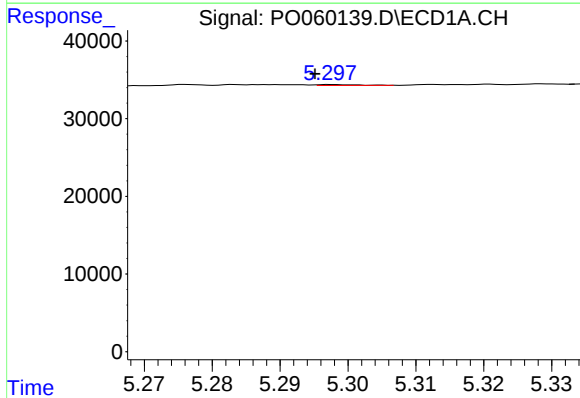
R.T.: 5.277 min
Delta R.T.: 0.002 min
Response: 2242
Conc: 1.40 ng/ml

Instrument :
ECD_O
ClientSampleId :
CONCRETE-2



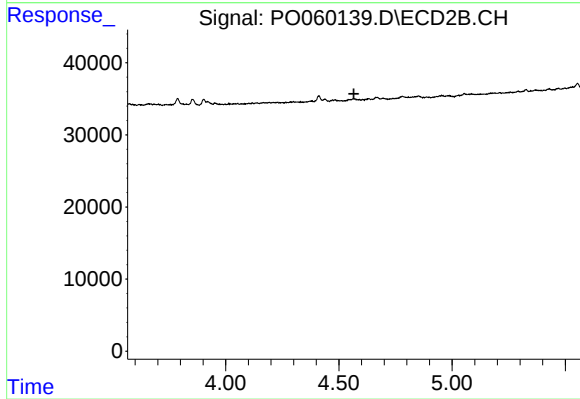
#3 AR-1016-1

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



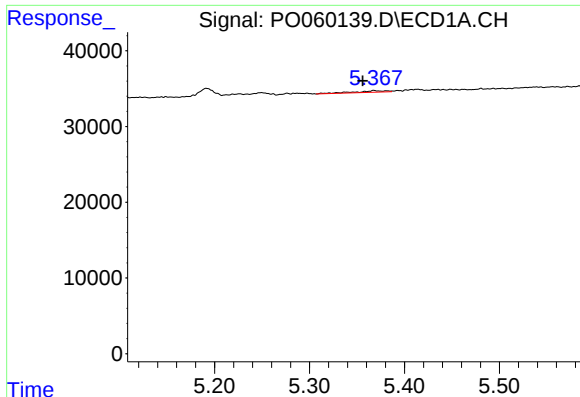
#4 AR-1016-2

R.T.: 5.298 min
Delta R.T.: 0.002 min
Response: 465
Conc: 0.19 ng/ml



#4 AR-1016-2

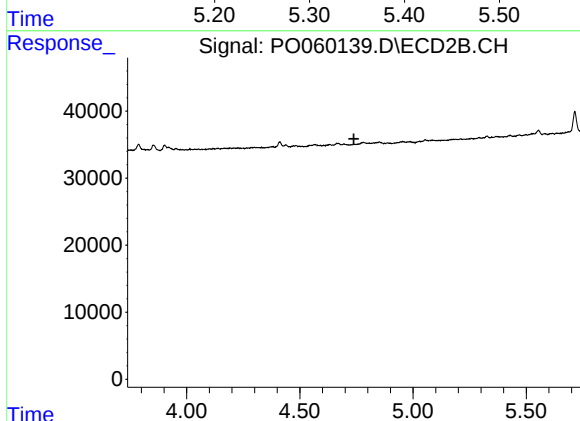
R.T.: 0.000 min
Exp R.T. : 4.566 min
Response: 0
Conc: N.D.



#5 AR-1016-3

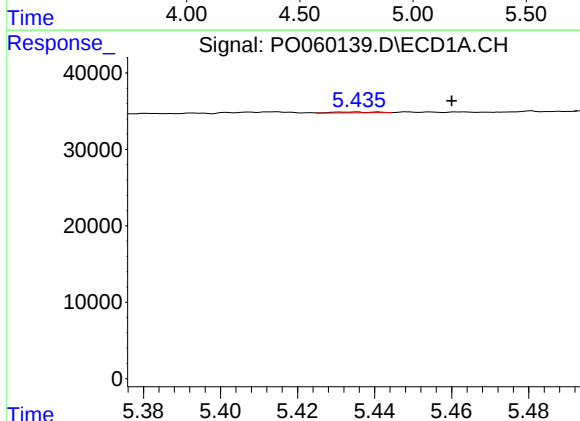
R.T.: 5.368 min
Delta R.T.: 0.012 min
Response: 4744
Conc: 3.18 ng/ml

Instrument :
ECD_O
ClientSampleId :
CONCRETE-2



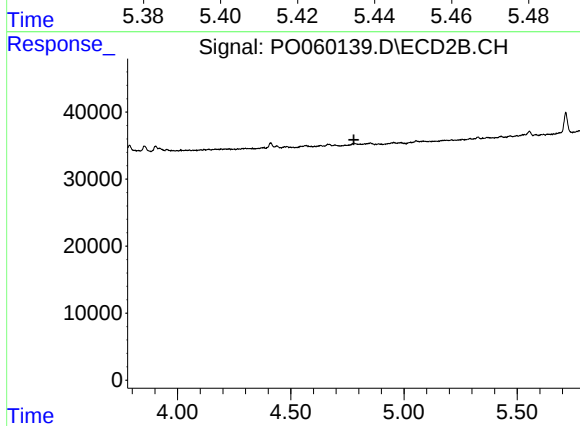
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 4.738 min
Response: 0
Conc: N.D.



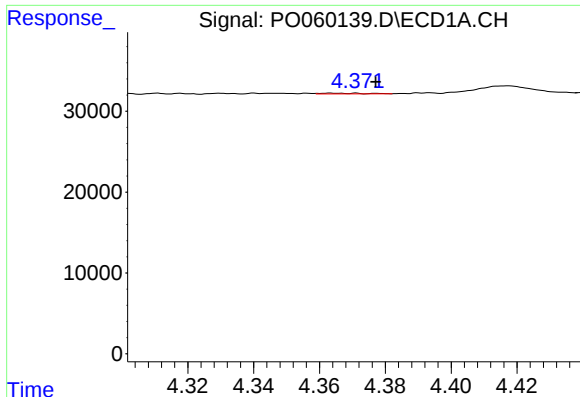
#6 AR-1016-4

R.T.: 5.435 min
Delta R.T.: -0.025 min
Response: 852
Conc: 0.70 ng/ml



#6 AR-1016-4

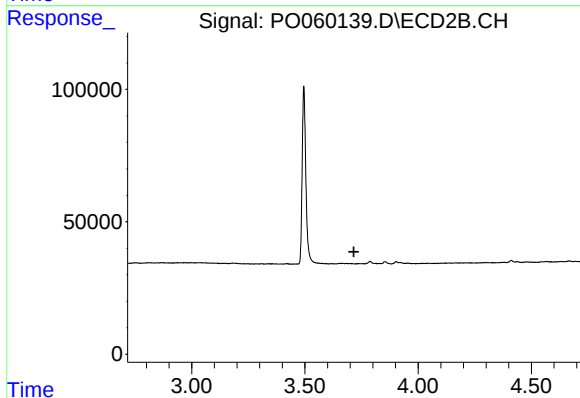
R.T.: 0.000 min
Exp R.T. : 4.779 min
Response: 0
Conc: N.D.



#8 AR-1221-1

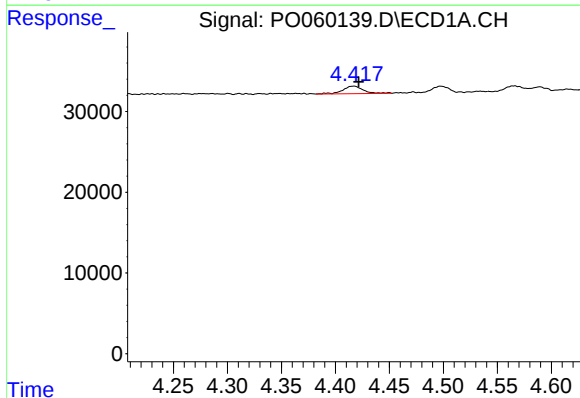
R.T.: 4.363 min
Delta R.T.: -0.014 min
Response: 754
Conc: 1.78 ng/ml

Instrument :
ECD_O
ClientSampleId :
CONCRETE-2



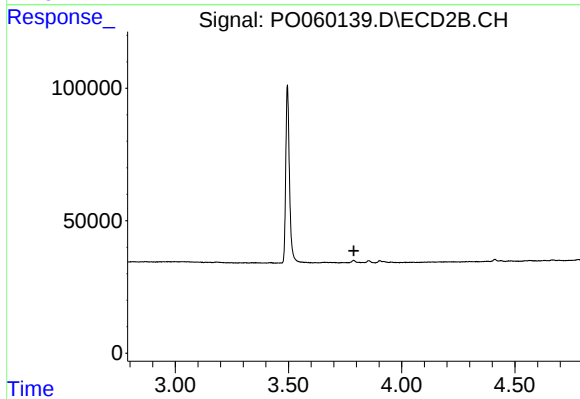
#8 AR-1221-1

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



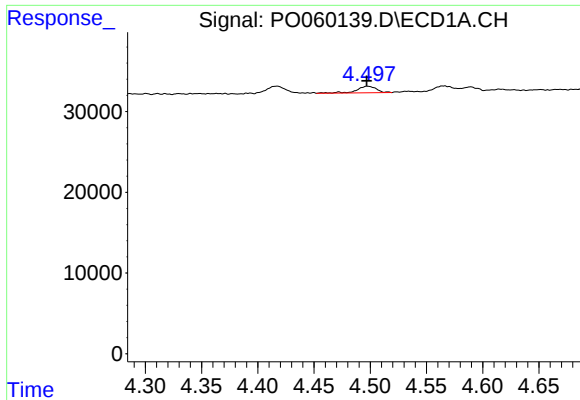
#9 AR-1221-2

R.T.: 4.417 min
Delta R.T.: -0.005 min
Response: 11969
Conc: 36.85 ng/ml



#9 AR-1221-2

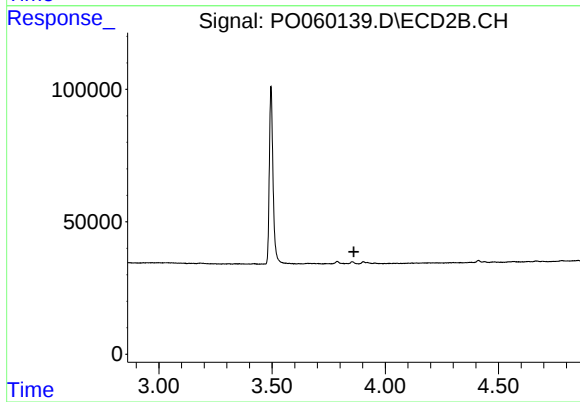
R.T.: 0.000 min
Exp R.T. : 3.789 min
Response: 0
Conc: N.D.



#10 AR-1221-3

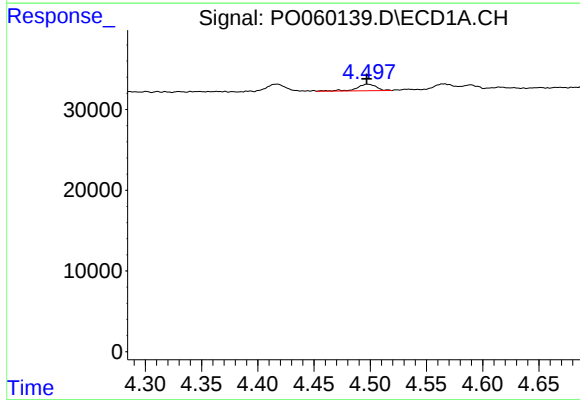
R.T.: 4.498 min
Delta R.T.: 0.000 min
Response: 9605
Conc: 9.13 ng/ml

Instrument :
ECD_O
ClientSampleId :
CONCRETE-2



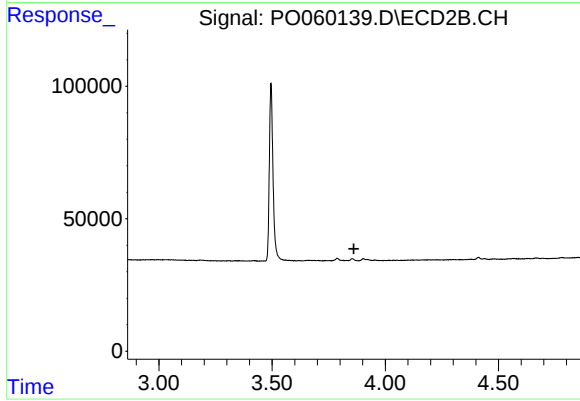
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 3.862 min
Response: 0
Conc: N.D.



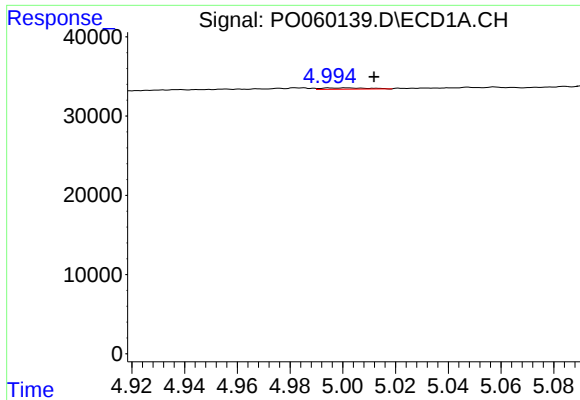
#11 AR-1232-1

R.T.: 4.498 min
Delta R.T.: 0.000 min
Response: 9605
Conc: 7.71 ng/ml



#11 AR-1232-1

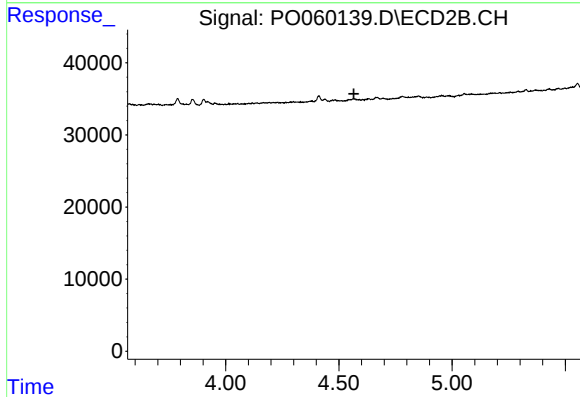
R.T.: 0.000 min
Exp R.T. : 3.862 min
Response: 0
Conc: N.D.



#12 AR-1232-2

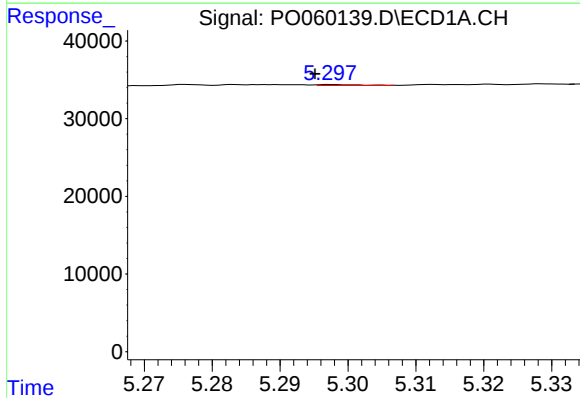
R.T.: 5.002 min
Delta R.T.: -0.010 min
Response: 2033
Conc: 2.88 ng/ml

Instrument :
ECD_O
ClientSampleId :
CONCRETE-2



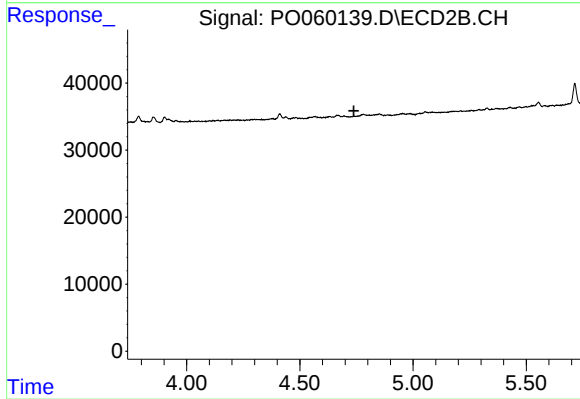
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 4.566 min
Response: 0
Conc: N.D.



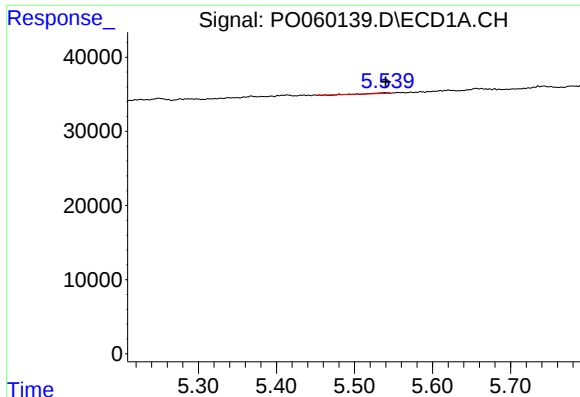
#13 AR-1232-3

R.T.: 5.298 min
Delta R.T.: 0.002 min
Response: 465
Conc: 0.30 ng/ml



#13 AR-1232-3

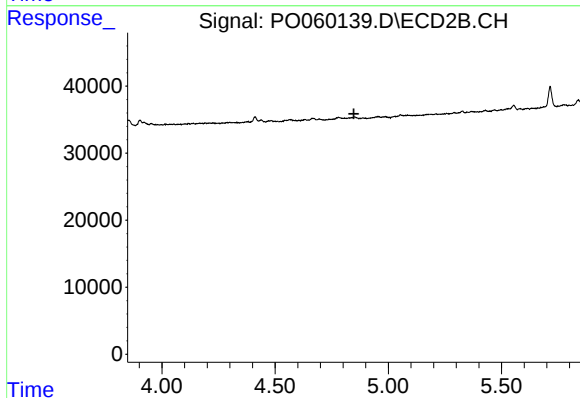
R.T.: 0.000 min
Exp R.T. : 4.738 min
Response: 0
Conc: N.D.



#14 AR-1232-4

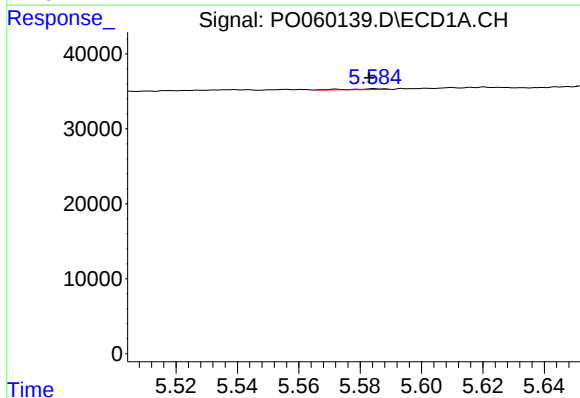
R.T.: 5.539 min
Delta R.T.: -0.001 min
Response: 687
Conc: 0.88 ng/ml

Instrument :
ECD_O
ClientSampleId :
CONCRETE-2



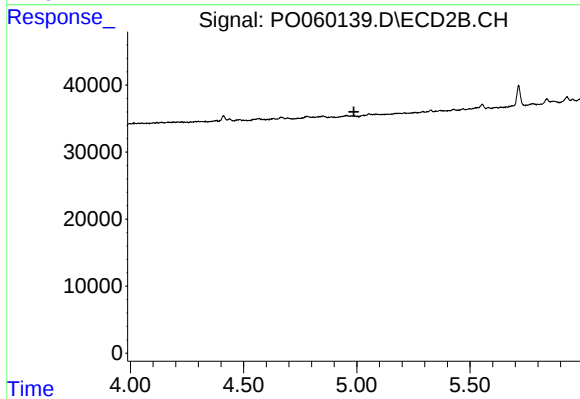
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 4.848 min
Response: 0
Conc: N.D.



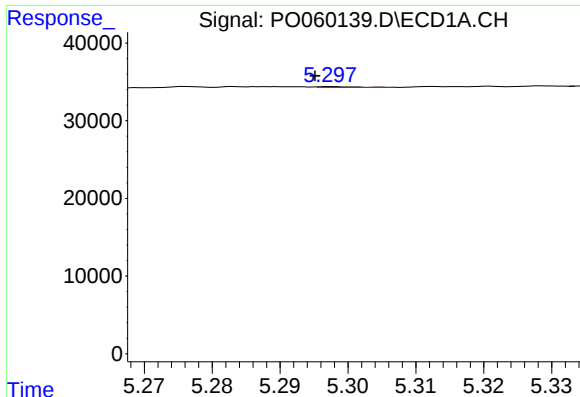
#15 AR-1232-5

R.T.: 5.585 min
Delta R.T.: 0.002 min
Response: 927
Conc: 1.54 ng/ml



#15 AR-1232-5

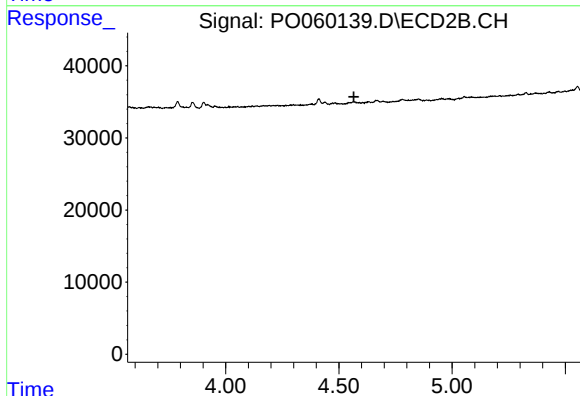
R.T.: 0.000 min
Exp R.T. : 4.987 min
Response: 0
Conc: N.D.



#16 AR-1242-1

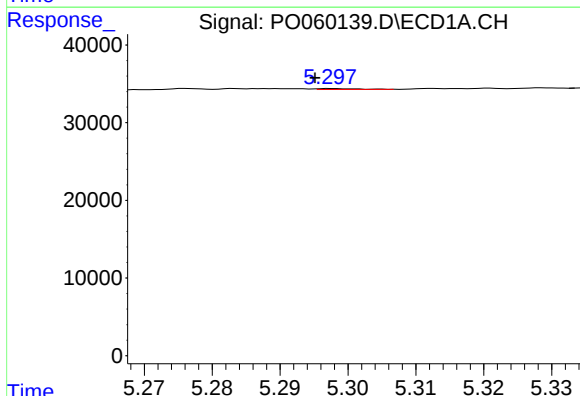
R.T.: 5.298 min
Delta R.T.: 0.002 min
Response: 465
Conc: 0.37 ng/ml

Instrument :
ECD_O
ClientSampleId :
CONCRETE-2



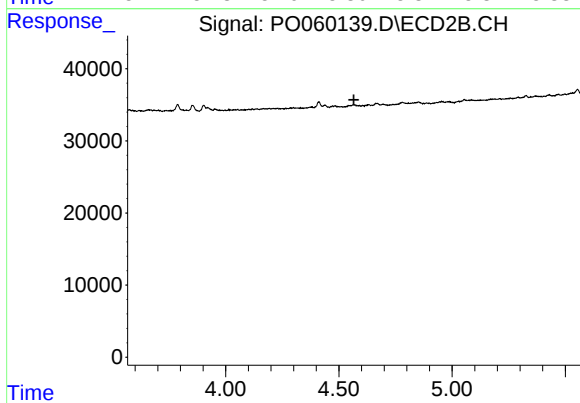
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 4.566 min
Response: 0
Conc: N.D.



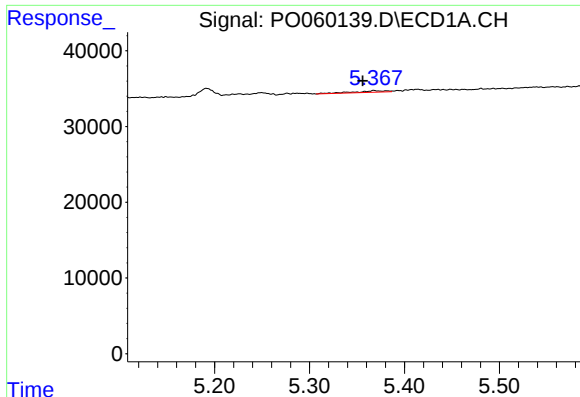
#17 AR-1242-2

R.T.: 5.298 min
Delta R.T.: 0.002 min
Response: 465
Conc: 0.25 ng/ml



#17 AR-1242-2

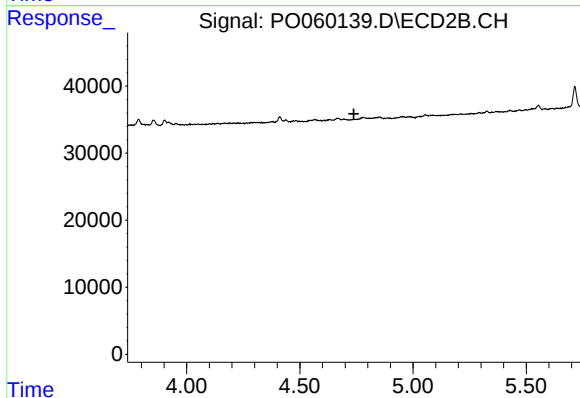
R.T.: 0.000 min
Exp R.T. : 4.566 min
Response: 0
Conc: N.D.



#18 AR-1242-3

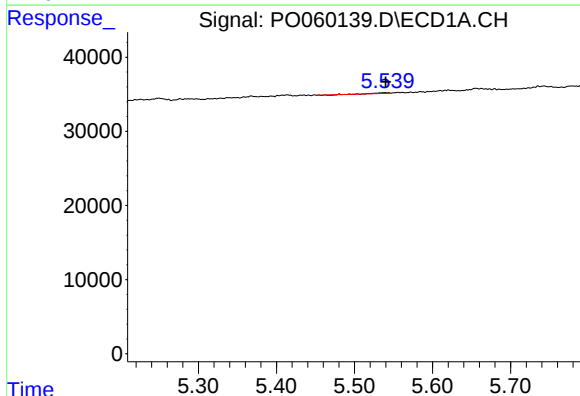
R.T.: 5.368 min
Delta R.T.: 0.012 min
Response: 4744
Conc: 4.06 ng/ml

Instrument :
ECD_O
ClientSampleId :
CONCRETE-2



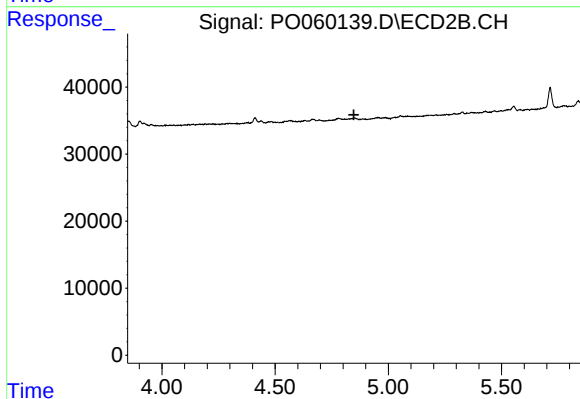
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 4.738 min
Response: 0
Conc: N.D.



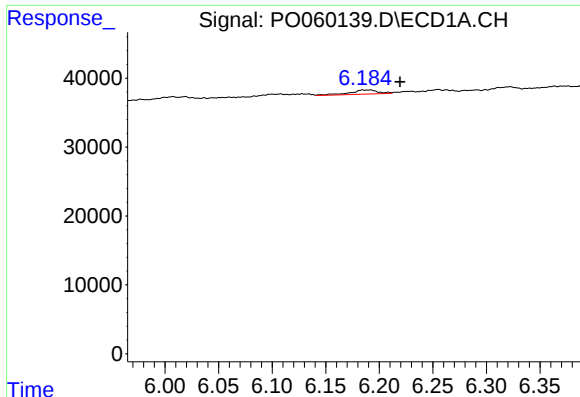
#19 AR-1242-4

R.T.: 5.539 min
Delta R.T.: -0.001 min
Response: 687
Conc: 0.71 ng/ml



#19 AR-1242-4

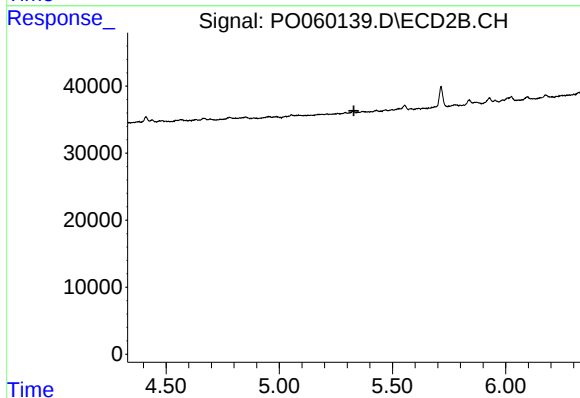
R.T.: 0.000 min
Exp R.T. : 4.848 min
Response: 0
Conc: N.D.



#20 AR-1242-5

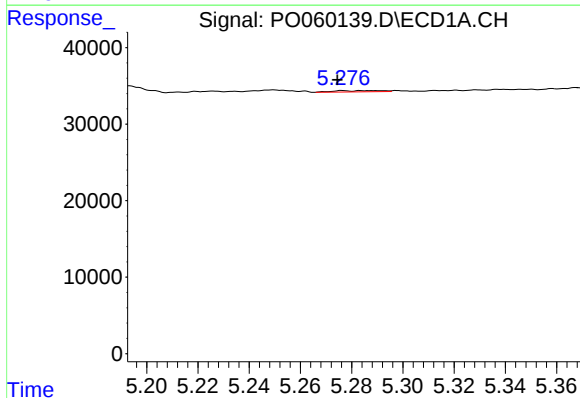
R.T.: 6.192 min
Delta R.T.: -0.028 min
Response: 11069
Conc: 8.81 ng/ml

Instrument :
ECD_O
ClientSampleId :
CONCRETE-2



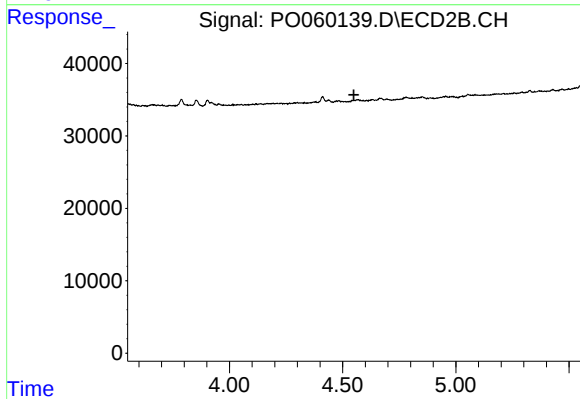
#20 AR-1242-5

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



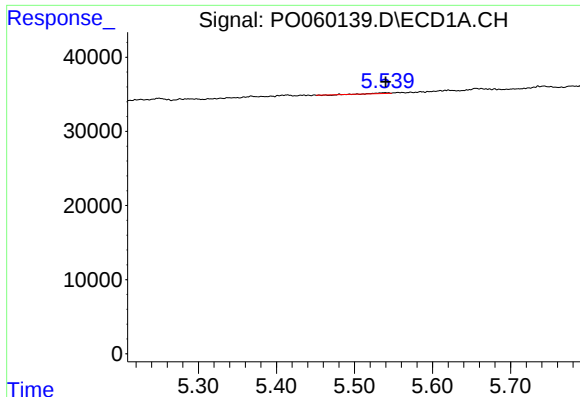
#21 AR-1248-1

R.T.: 5.277 min
Delta R.T.: 0.002 min
Response: 2242
Conc: 2.24 ng/ml



#21 AR-1248-1

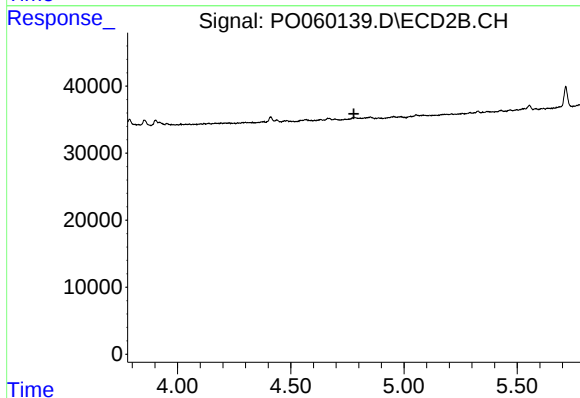
R.T.: 0.000 min
Exp R.T. : 4.550 min
Response: 0
Conc: N.D.



#22 AR-1248-2

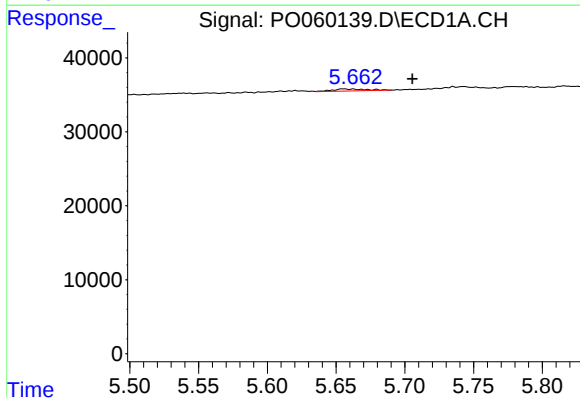
R.T.: 5.539 min
Delta R.T.: -0.001 min
Response: 687
Conc: 0.47 ng/ml

Instrument :
ECD_O
ClientSampleId :
CONCRETE-2



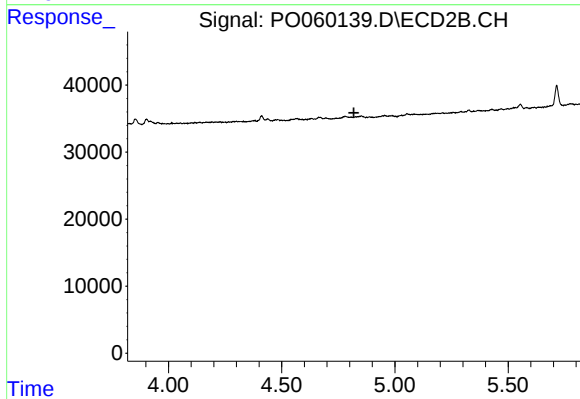
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T. : 4.779 min
Response: 0
Conc: N.D.



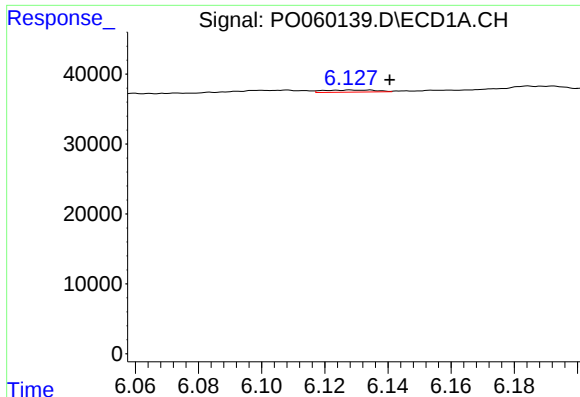
#23 AR-1248-3

R.T.: 5.655 min
Delta R.T.: -0.050 min
Response: 4589
Conc: 2.76 ng/ml



#23 AR-1248-3

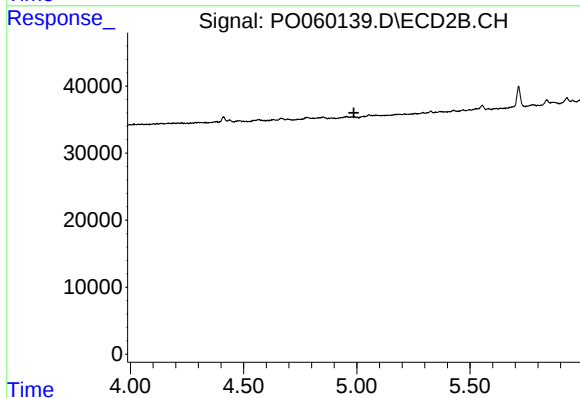
R.T.: 0.000 min
Exp R.T. : 4.819 min
Response: 0
Conc: N.D.



#24 AR-1248-4

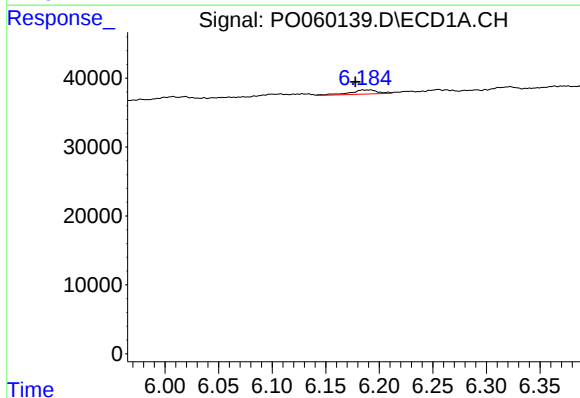
R.T.: 6.128 min
Delta R.T.: -0.012 min
Response: 3503
Conc: 1.71 ng/ml

Instrument :
ECD_O
ClientSampleId :
CONCRETE-2



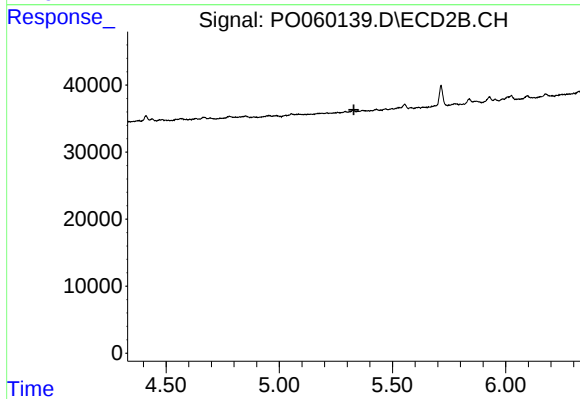
#24 AR-1248-4

R.T.: 0.000 min
Exp R.T. : 4.987 min
Response: 0
Conc: N.D.



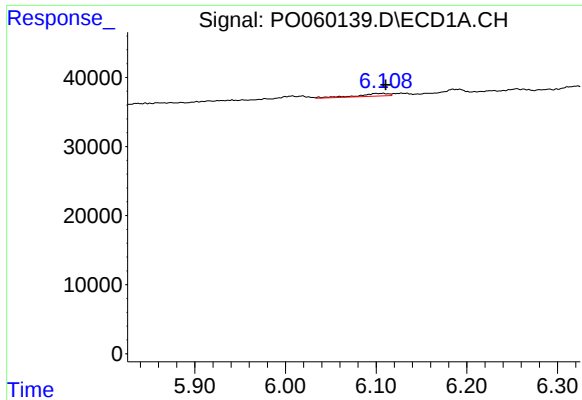
#25 AR-1248-5

R.T.: 6.192 min
Delta R.T.: 0.014 min
Response: 11069
Conc: 5.58 ng/ml



#25 AR-1248-5

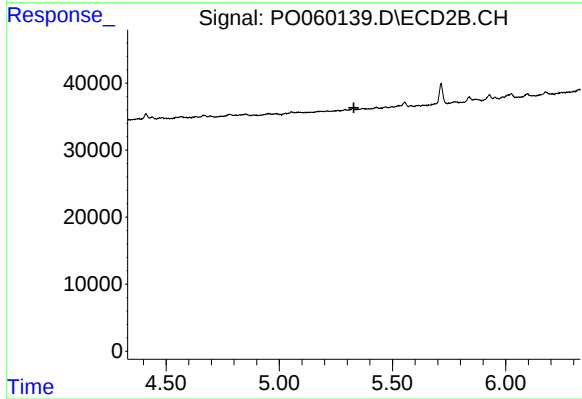
R.T.: 0.000 min
Exp R.T. : 5.330 min
Response: 0
Conc: N.D.



#26 AR-1254-1

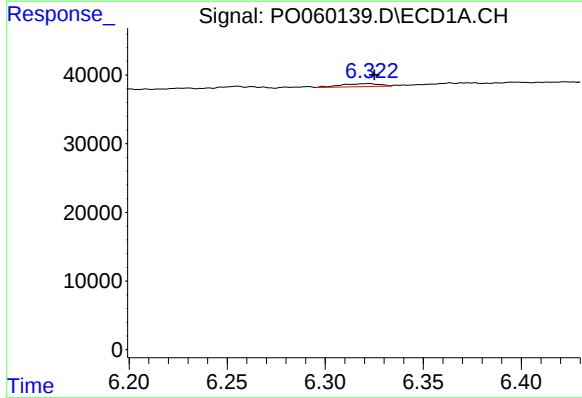
R.T.: 6.107 min
Delta R.T.: -0.003 min
Response: 9479
Conc: 4.54 ng/ml

Instrument :
ECD_O
ClientSampleId :
CONCRETE-2



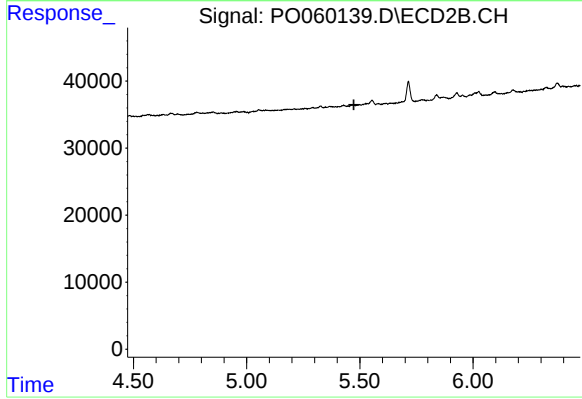
#26 AR-1254-1

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



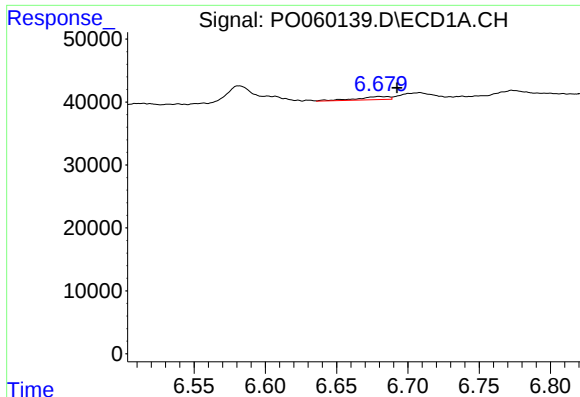
#27 AR-1254-2

R.T.: 6.322 min
Delta R.T.: -0.003 min
Response: 5782
Conc: 1.73 ng/ml



#27 AR-1254-2

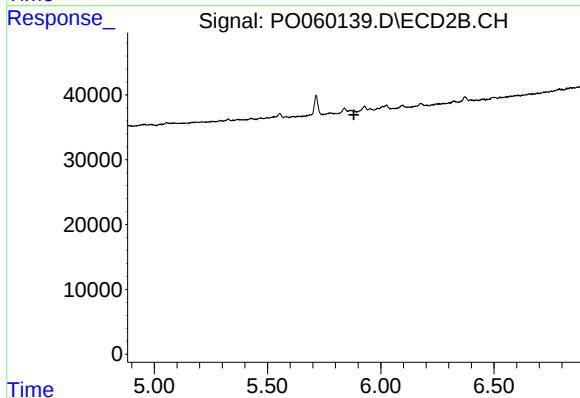
R.T.: 0.000 min
Exp R.T. : 5.474 min
Response: 0
Conc: N.D.



#28 AR-1254-3

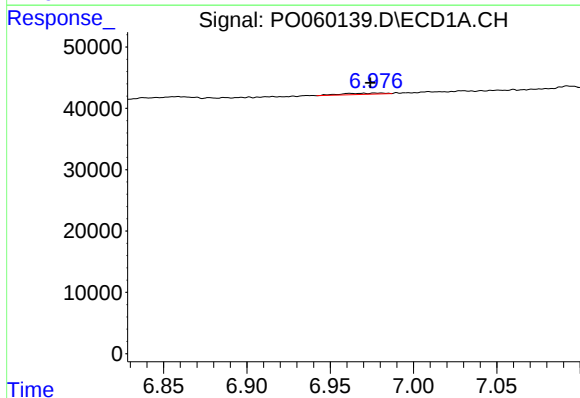
R.T.: 6.680 min
Delta R.T.: -0.012 min
Response: 7685
Conc: 2.17 ng/ml

Instrument :
ECD_O
ClientSampleId :
CONCRETE-2



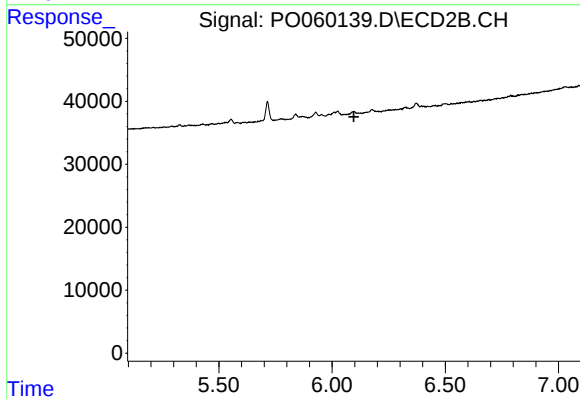
#28 AR-1254-3

R.T.: 0.000 min
Exp R.T. : 5.881 min
Response: 0
Conc: N.D.



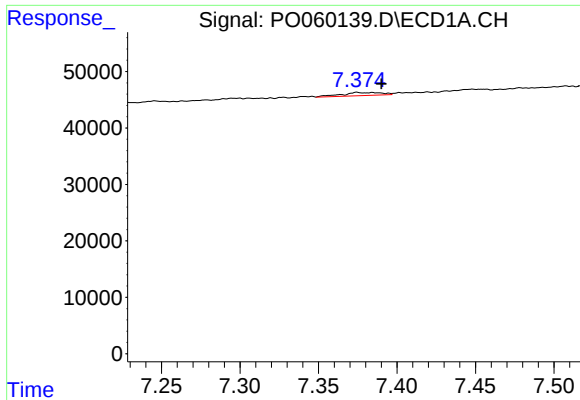
#29 AR-1254-4

R.T.: 6.980 min
Delta R.T.: 0.006 min
Response: 3659
Conc: 1.24 ng/ml



#29 AR-1254-4

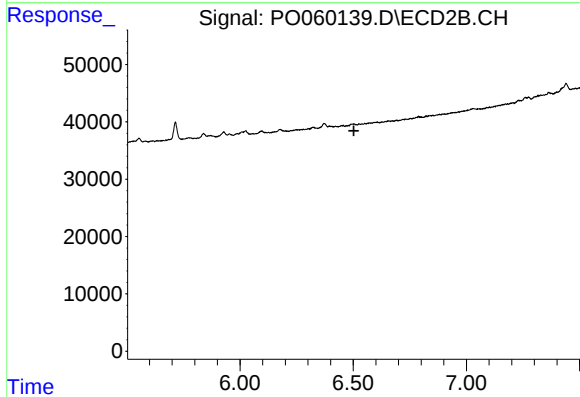
R.T.: 0.000 min
Exp R.T. : 6.097 min
Response: 0
Conc: N.D.



#30 AR-1254-5

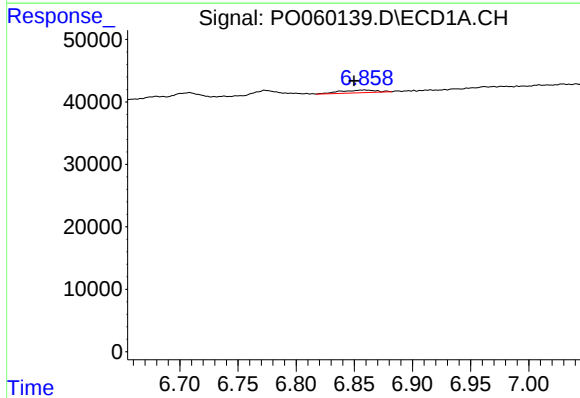
R.T.: 7.375 min
Delta R.T.: -0.016 min
Response: 9565
Conc: 3.09 ng/ml

Instrument :
ECD_O
ClientSampleId :
CONCRETE-2



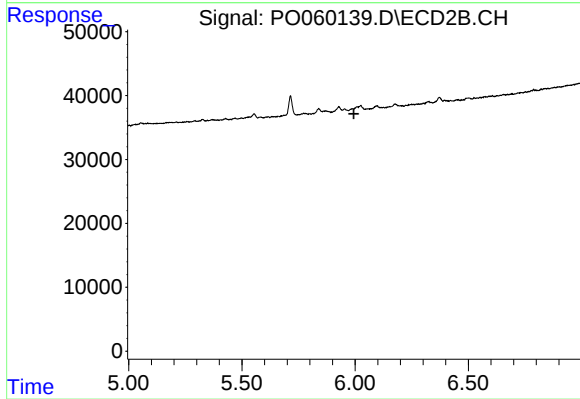
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T. : 6.503 min
Response: 0
Conc: N.D.



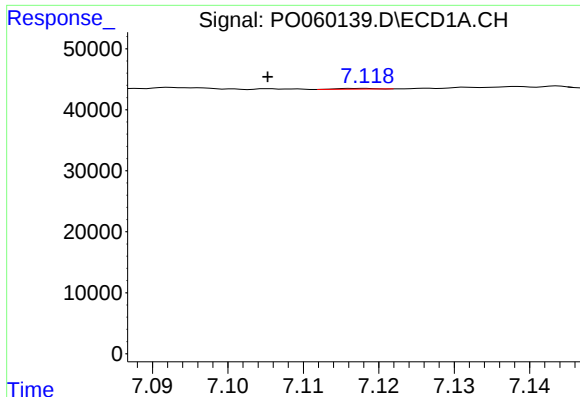
#31 AR-1260-1

R.T.: 6.858 min
Delta R.T.: 0.009 min
Response: 9668
Conc: 3.59 ng/ml



#31 AR-1260-1

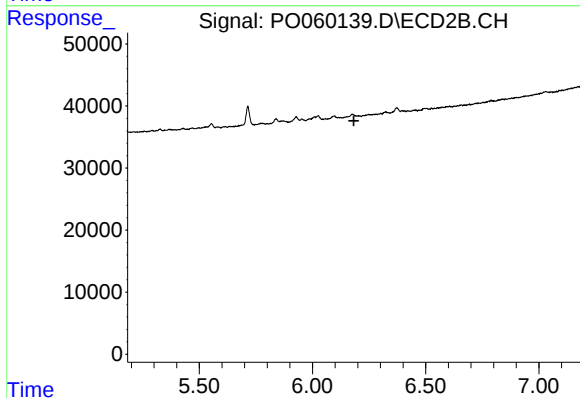
R.T.: 0.000 min
Exp R.T. : 5.995 min
Response: 0
Conc: N.D.



#32 AR-1260-2

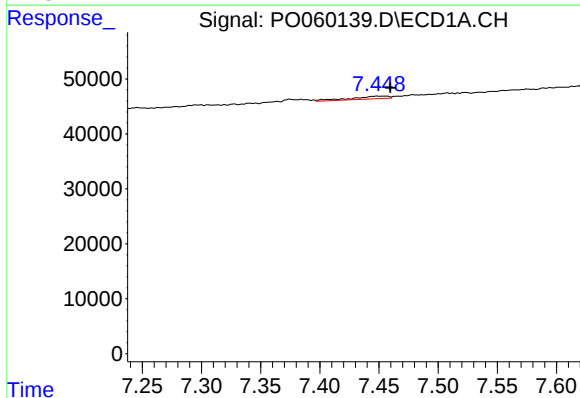
R.T.: 7.118 min
Delta R.T.: 0.012 min
Response: 361
Conc: 0.10 ng/ml

Instrument :
ECD_O
ClientSampleId :
CONCRETE-2



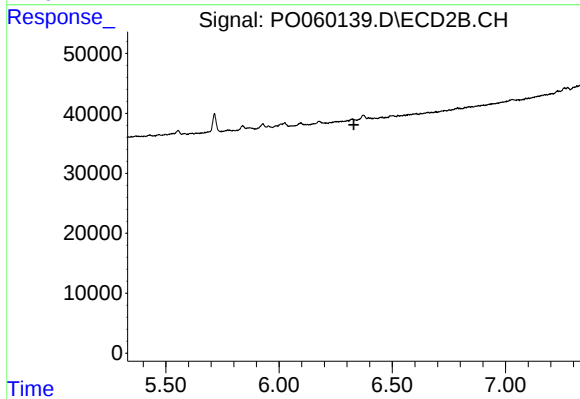
#32 AR-1260-2

R.T.: 0.000 min
Exp R.T. : 6.183 min
Response: 0
Conc: N.D.



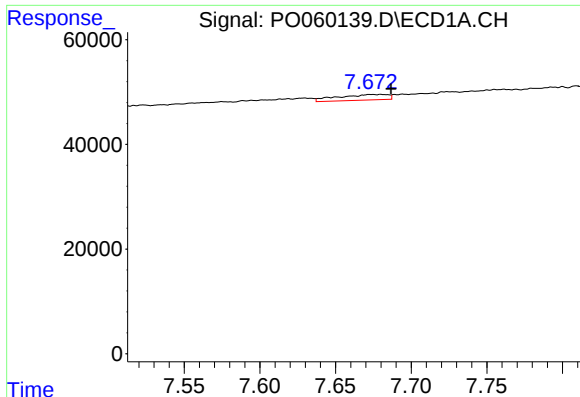
#33 AR-1260-3

R.T.: 7.448 min
Delta R.T.: -0.011 min
Response: 11338
Conc: 3.46 ng/ml



#33 AR-1260-3

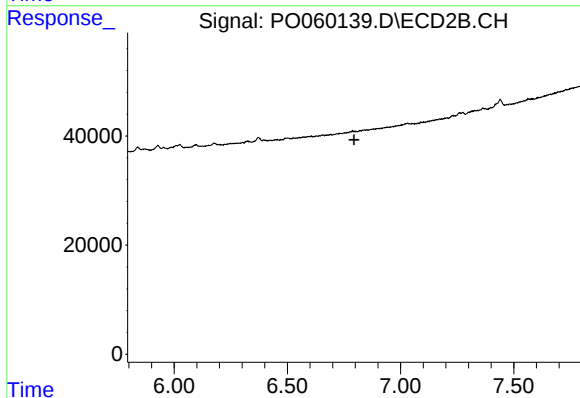
R.T.: 0.000 min
Exp R.T. : 6.331 min
Response: 0
Conc: N.D.



#34 AR-1260-4

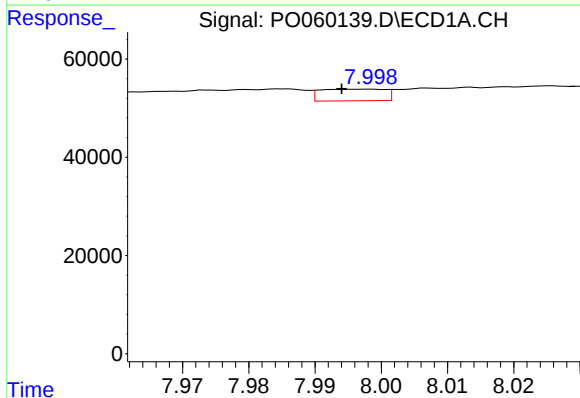
R.T.: 7.680 min
Delta R.T.: -0.006 min
Response: 25083
Conc: 8.17 ng/ml

Instrument :
ECD_O
ClientSampleId :
CONCRETE-2



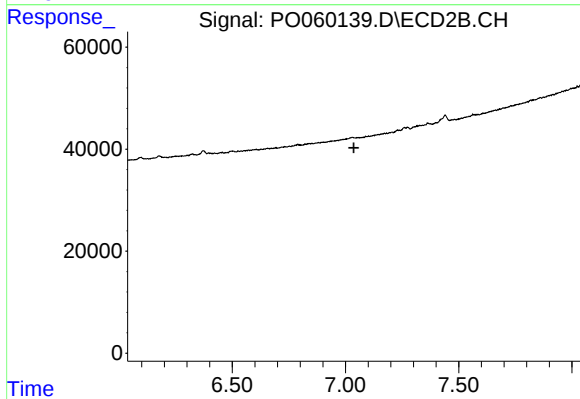
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T. : 6.794 min
Response: 0
Conc: N.D.



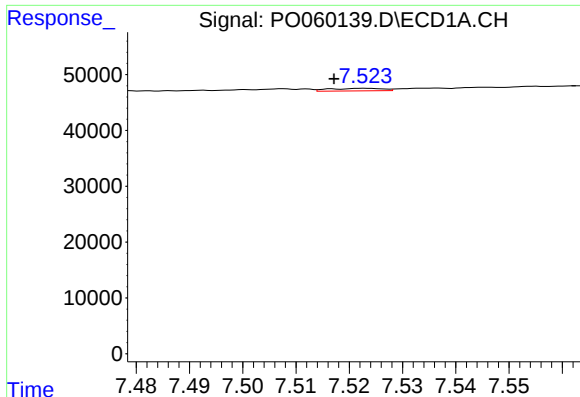
#35 AR-1260-5

R.T.: 7.998 min
Delta R.T.: 0.004 min
Response: 16052
Conc: 2.27 ng/ml



#35 AR-1260-5

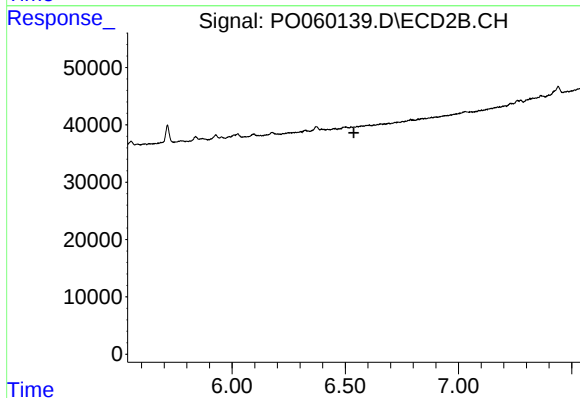
R.T.: 0.000 min
Exp R.T. : 7.037 min
Response: 0
Conc: N.D.



#36 AR-1262-1

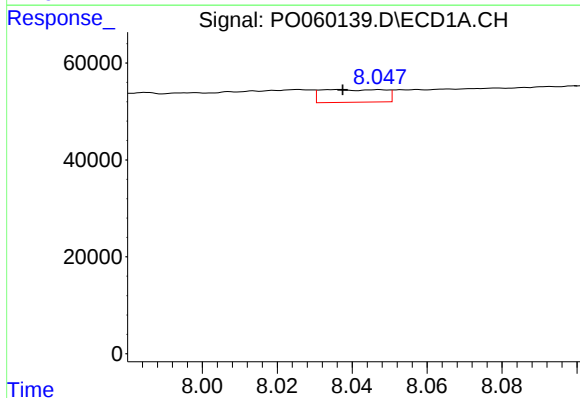
R.T.: 7.523 min
Delta R.T.: 0.006 min
Response: 3241
Conc: 0.67 ng/ml

Instrument :
ECD_O
ClientSampleId :
CONCRETE-2



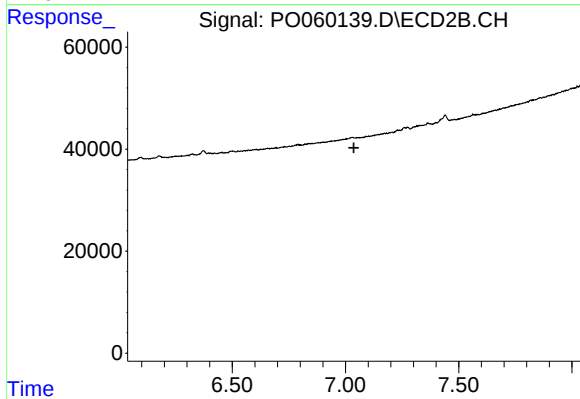
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 6.538 min
Response: 0
Conc: N.D.



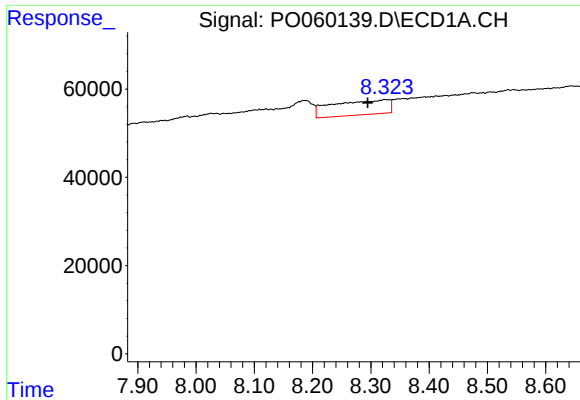
#37 AR-1262-2

R.T.: 8.035 min
Delta R.T.: -0.002 min
Response: 30699
Conc: 3.98 ng/ml



#37 AR-1262-2

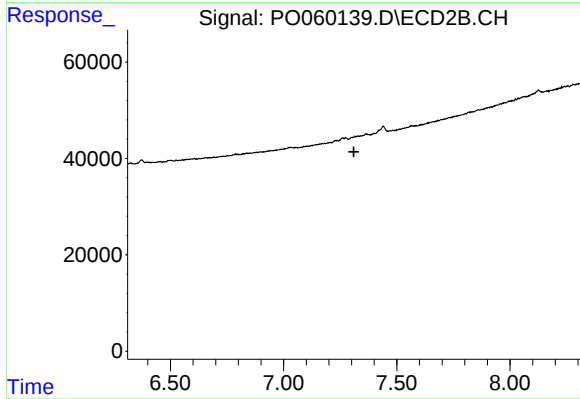
R.T.: 0.000 min
Exp R.T. : 7.037 min
Response: 0
Conc: N.D.



#38 AR-1262-3

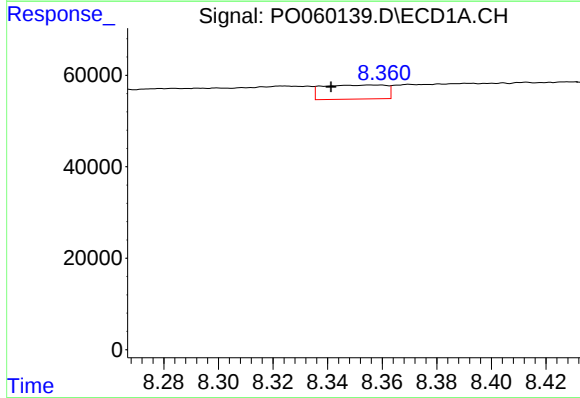
R.T.: 8.324 min
Delta R.T.: 0.029 min
Response: 224860
Conc: 44.07 ng/ml

Instrument :
ECD_O
ClientSampleId :
CONCRETE-2



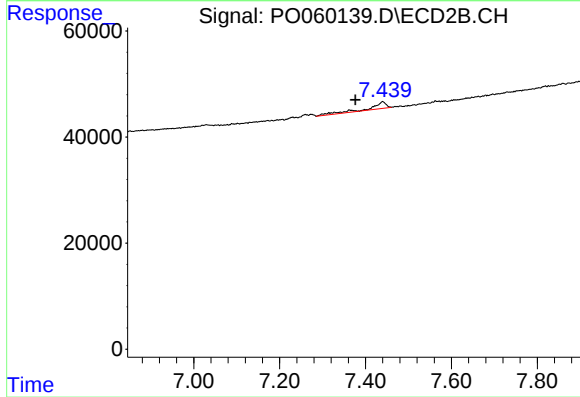
#38 AR-1262-3

R.T.: 7.260 min
Delta R.T.: -0.051 min
Response: -1836
Conc: N.D.



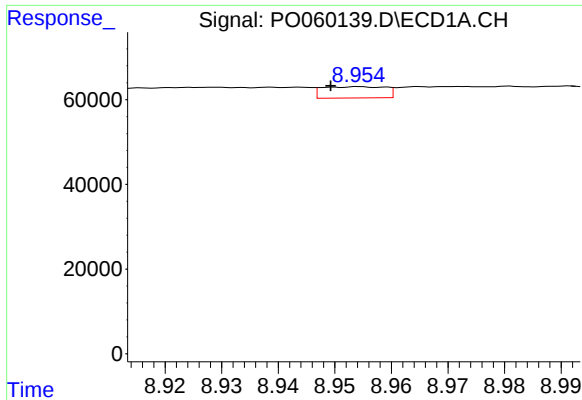
#39 AR-1262-4

R.T.: 8.356 min
Delta R.T.: 0.015 min
Response: 49570
Conc: 12.86 ng/ml



#39 AR-1262-4

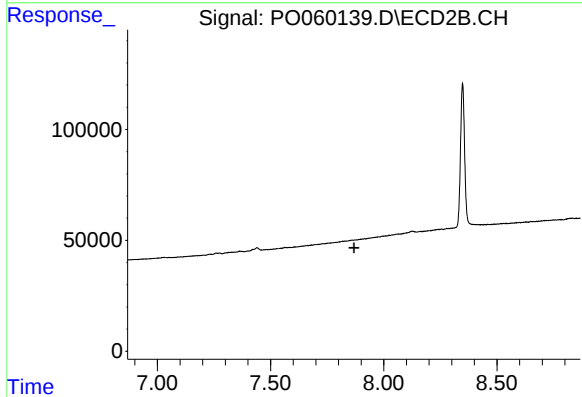
R.T.: 7.440 min
Delta R.T.: 0.064 min
Response: 34972
Conc: 7.91 ng/ml



#40 AR-1262-5

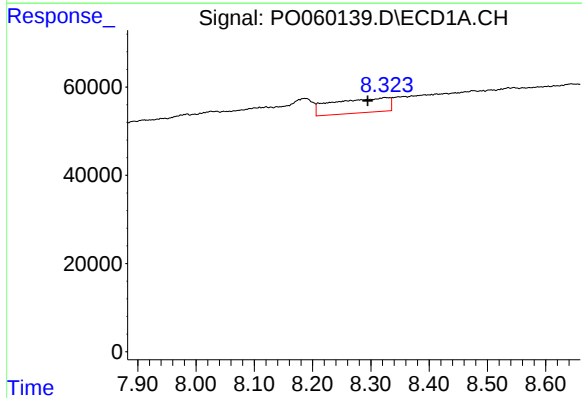
R.T.: 8.954 min
Delta R.T.: 0.005 min
Response: 20593
Conc: 8.02 ng/ml

Instrument :
ECD_O
ClientSampleId :
CONCRETE-2



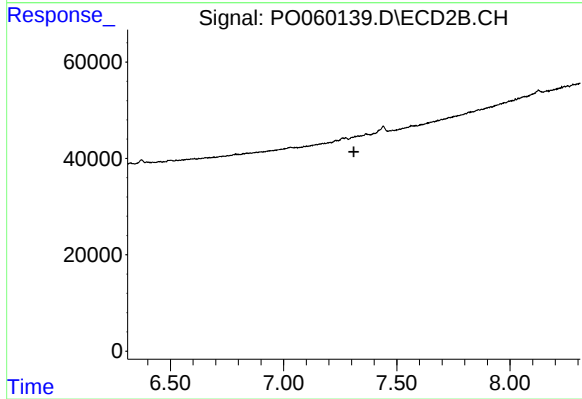
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 7.868 min
Response: 0
Conc: N.D.



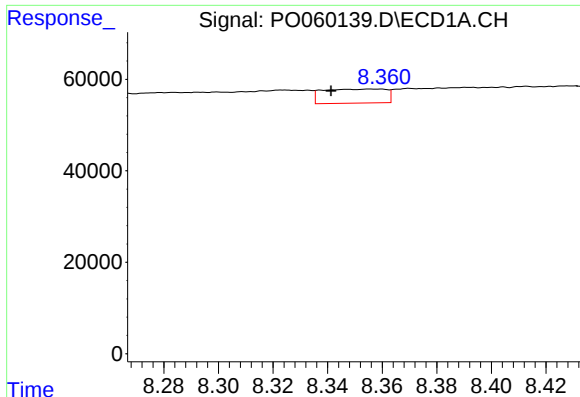
#41 AR-1268-1

R.T.: 8.324 min
Delta R.T.: 0.029 min
Response: 224860
Conc: 23.89 ng/ml



#41 AR-1268-1

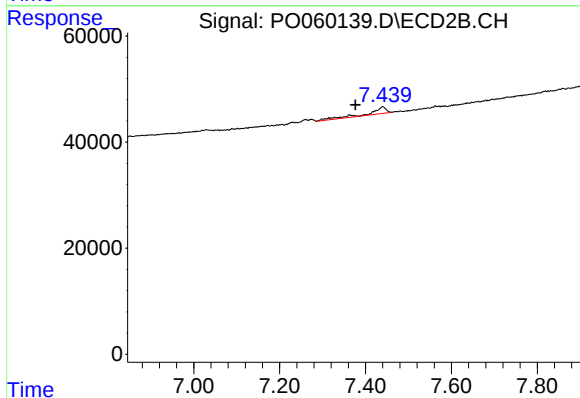
R.T.: 7.260 min
Delta R.T.: -0.051 min
Response: -1836
Conc: N.D.



#42 AR-1268-2

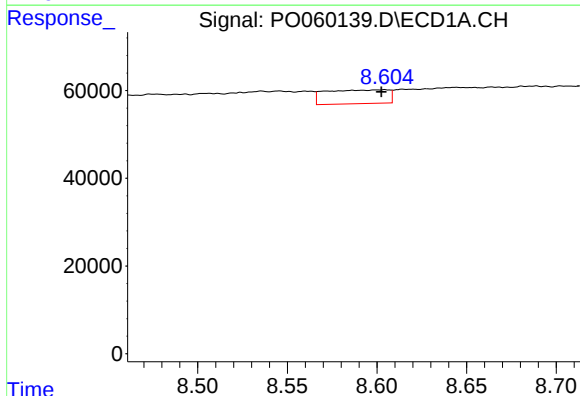
R.T.: 8.356 min
Delta R.T.: 0.015 min
Response: 49570
Conc: 6.29 ng/ml

Instrument :
ECD_O
ClientSampleId :
CONCRETE-2



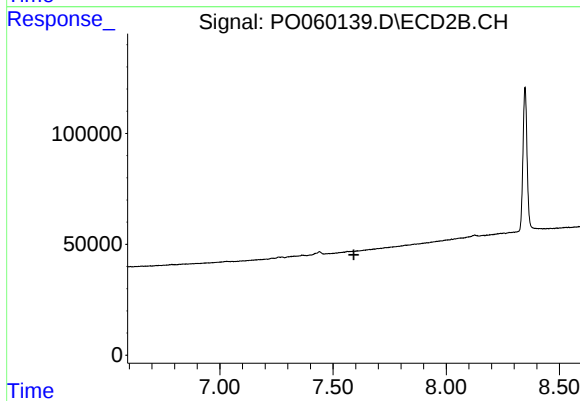
#42 AR-1268-2

R.T.: 7.440 min
Delta R.T.: 0.064 min
Response: 34972
Conc: 5.42 ng/ml



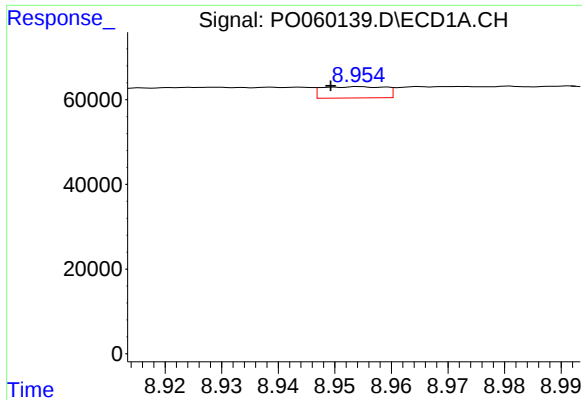
#43 AR-1268-3

R.T.: 8.604 min
Delta R.T.: 0.002 min
Response: 76227
Conc: 10.81 ng/ml



#43 AR-1268-3

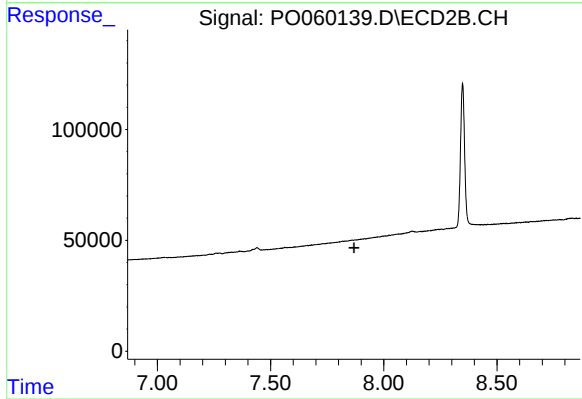
R.T.: 0.000 min
Exp R.T.: 7.592 min
Response: 0
Conc: N.D.



#44 AR-1268-4

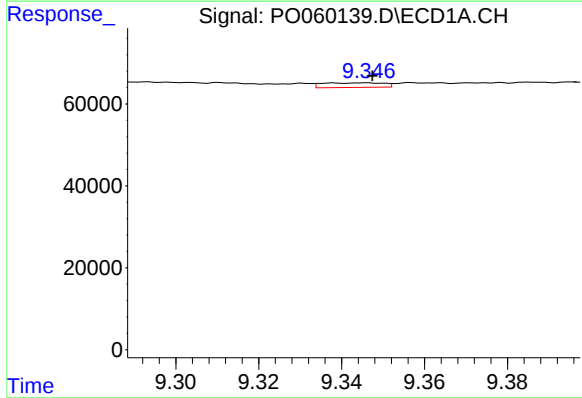
R.T.: 8.954 min
Delta R.T.: 0.005 min
Response: 20593
Conc: 7.41 ng/ml

Instrument :
ECD_O
ClientSampleId :
CONCRETE-2



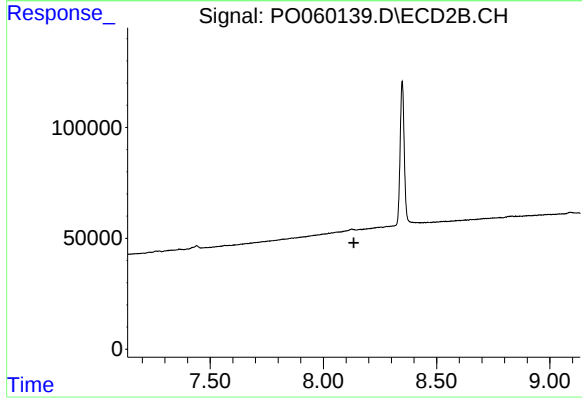
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 7.868 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.346 min
Delta R.T.: -0.002 min
Response: 11593
Conc: 0.63 ng/ml



#45 AR-1268-5

R.T.: 8.125 min
Delta R.T.: -0.009 min
Response: -71259
Conc: N.D.