

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR021025\
 Data File : PR070250.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Feb 2025 15:40
 Operator : AJ\MA
 Sample : Q1168-01
 Misc : AR1221 LOD 25 PPB
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 11 00:44:36 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR021025.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Feb 10 14:13:17 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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...	3.624	2.956	17762478	95185731	15.730	16.323
2)	SA Decachlor...	9.509	8.225	12176751	69336194	17.033	16.934
Target Compounds							
3)	L1 AR-1016-1	0.000	4.073	0	288781	N.D.	1.831 #
4)	L1 AR-1016-2	0.000	4.093	0	501697	N.D.	2.106 #
5)	L1 AR-1016-3	0.000	4.272	0	190206	N.D.	1.516 #
6)	L1 AR-1016-4	0.000	4.351f	0	333924	N.D.	3.038 #
7)	L1 AR-1016-5	0.000	4.537	0	237635	N.D.	1.742 #
8)	L2 AR-1221-1	3.843	3.179	293319	1309505	22.470	19.131
9)	L2 AR-1221-2	3.938	3.262	458675	2027682	46.980	39.600
10)	L2 AR-1221-3	4.013	3.342	678049	2906971	22.171	18.672
11)	L3 AR-1232-1	4.013	3.342	678049	2906971	28.590	24.310
12)	L3 AR-1232-2	0.000	4.093	0	501697	N.D.	4.519 #
13)	L3 AR-1232-3	0.000	4.272	0	190206	N.D.	3.295 #
14)	L3 AR-1232-4	0.000	4.351	0	333924	N.D.	6.292 #
15)	L3 AR-1232-5	0.000	4.537	0	237635	N.D.	4.153 #
16)	L4 AR-1242-1	0.000	4.073	0	288781	N.D.	2.233 #
17)	L4 AR-1242-2	0.000	4.093	0	501697	N.D.	2.579 #
18)	L4 AR-1242-3	0.000	4.272	0	190206	N.D.	1.828 #
19)	L4 AR-1242-4	0.000	4.351	0	333924	N.D.	3.258 #
20)	L4 AR-1242-5	0.000	4.885f	0	431465	N.D.	3.765 #
21)	L5 AR-1248-1	0.000	4.073	0	288781	N.D.	2.993 #
22)	L5 AR-1248-2	0.000	4.351f	0	333924	N.D.	2.301 #
23)	L5 AR-1248-3	0.000	4.351	0	333924	N.D.	2.255 #
24)	L5 AR-1248-4	0.000	4.537	0	237635	N.D.	1.352 #
25)	L5 AR-1248-5	0.000	4.958	0	747116	N.D.	4.976 #
26)	L6 AR-1254-1	0.000	4.885f	0	431465	N.D.	1.707 #
27)	L6 AR-1254-2	0.000	5.056f	0	1127244	N.D.	5.173 #
28)	L6 AR-1254-3	6.386	5.517f	316833	656143	5.929	2.056 #
29)	L6 AR-1254-4	6.669f	5.714f	201264	492289	6.299	3.058 #
30)	L6 AR-1254-5	0.000	6.191	0	188385	N.D.	0.724 #
31)	L7 AR-1260-1	0.000	5.645	0	135739	N.D.	0.617 #
32)	L7 AR-1260-2	0.000	5.841	0	168082	N.D.	0.683 #
33)	L7 AR-1260-3	0.000	6.005	0	457066	N.D.	1.918 #
34)	L7 AR-1260-4	0.000	6.506	0	176393	N.D.	0.895 #
35)	L7 AR-1260-5	0.000	6.755f	0	92901	N.D.	0.226 #
36)	L8 AR-1262-1	0.000	6.236	0	111617	N.D.	0.363 #
37)	L8 AR-1262-2	0.000	6.506	0	176393	N.D.	0.653 #
38)	L8 AR-1262-3	0.000	7.072	0	172193	N.D.	0.878 #
39)	L8 AR-1262-4	0.000	7.158	0	312843	N.D.	0.868 #
41)	L9 AR-1268-1	0.000	7.072	0	172193	N.D.	0.301 #
42)	L9 AR-1268-2	0.000	7.158	0	312843	N.D.	0.597 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR021025\
 Data File : PR070250.D
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 Acq On : 10 Feb 2025 15:40
 Operator : AJ\MA
 Sample : Q1168-01
 Misc : AR1221 LOD 25 PPB
 ALS Vial : 18 Sample Multiplier: 1

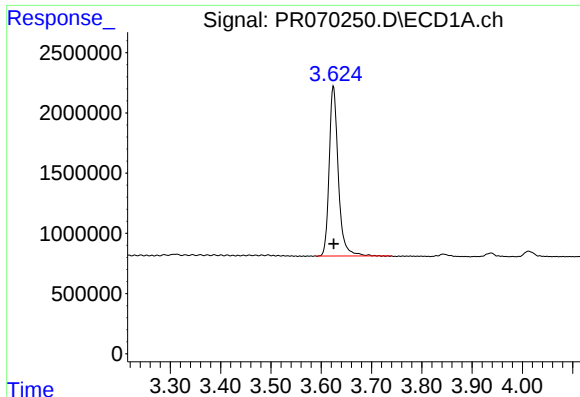
Instrument :
 ECD_R
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2025

Integration File signal 1: autoint1.e
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 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
43) L9	AR-1268-3	0.000	7.372	0	404364	N.D.	0.827 #
45) L9	AR-1268-5	0.000	7.980	0	504120	N.D.	0.363 #

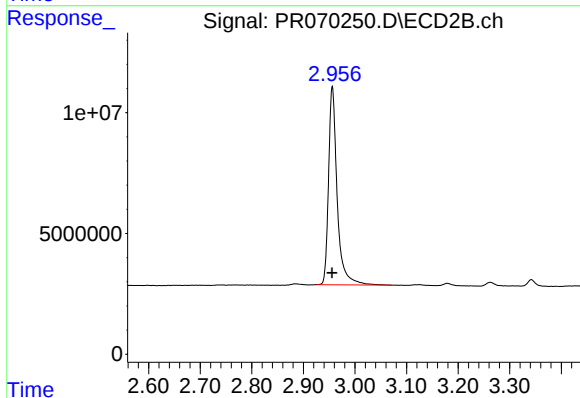
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

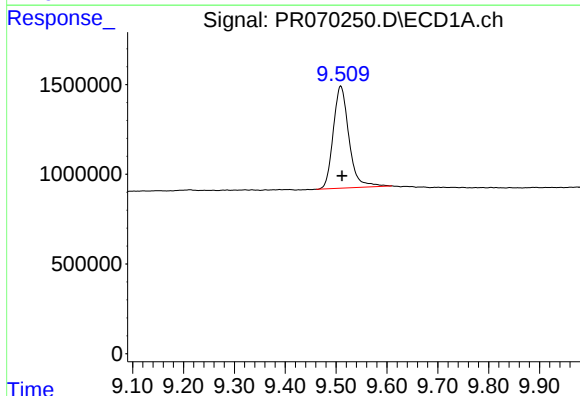
R.T.: 3.624 min
Delta R.T.: 0.000 min
Response: 17762478
Conc: 15.73 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025



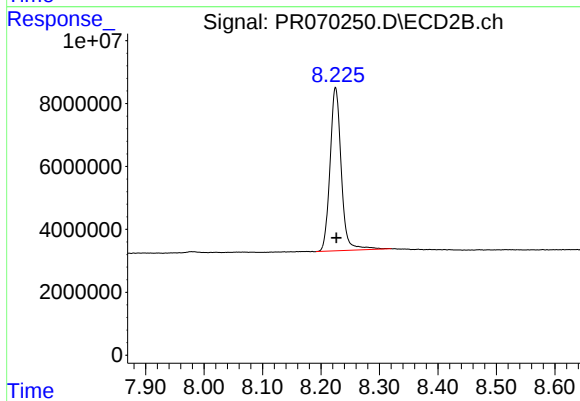
#1 Tetrachloro-m-xylene

R.T.: 2.956 min
Delta R.T.: 0.000 min
Response: 95185731
Conc: 16.32 ng/ml



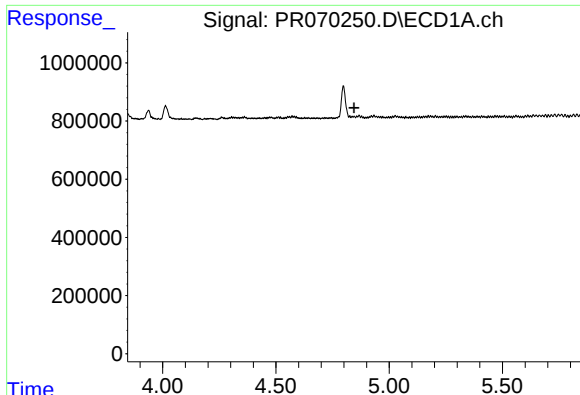
#2 Decachlorobiphenyl

R.T.: 9.509 min
Delta R.T.: -0.003 min
Response: 12176751
Conc: 17.03 ng/ml



#2 Decachlorobiphenyl

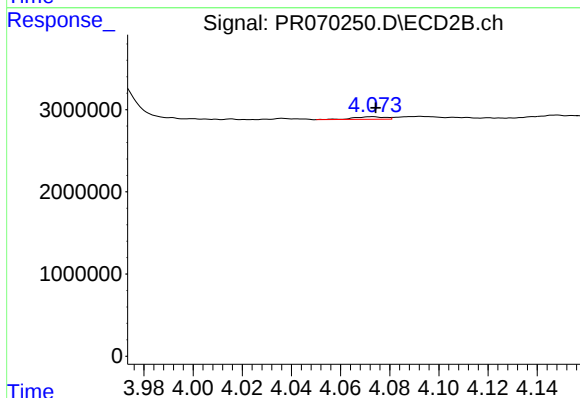
R.T.: 8.225 min
Delta R.T.: -0.001 min
Response: 69336194
Conc: 16.93 ng/ml



#3 AR-1016-1

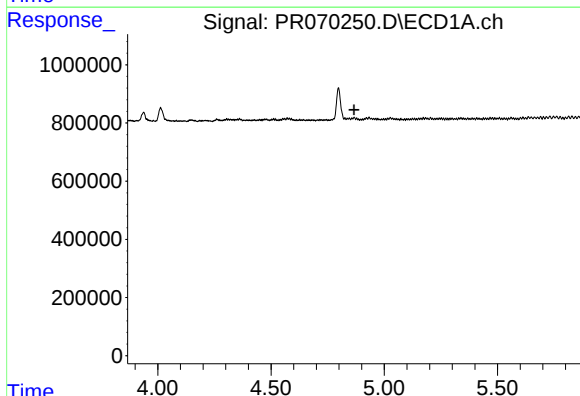
R.T.: 0.000 min
Exp R.T.: 4.845 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025



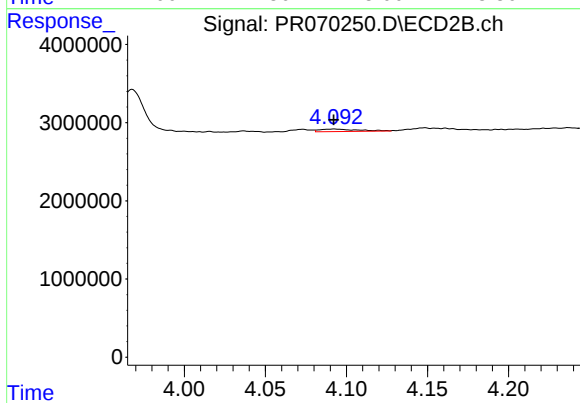
#3 AR-1016-1

R.T.: 4.073 min
Delta R.T.: -0.001 min
Response: 288781
Conc: 1.83 ng/ml



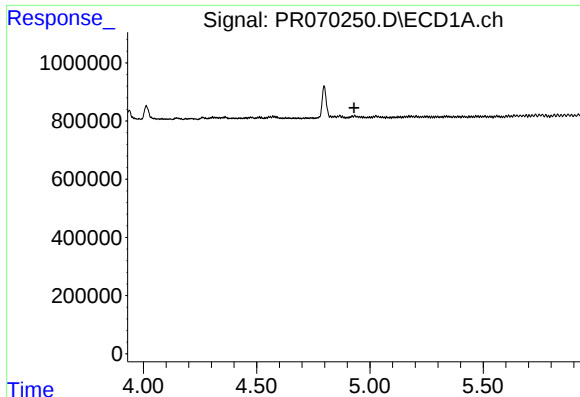
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T.: 4.866 min
Response: 0
Conc: N.D.



#4 AR-1016-2

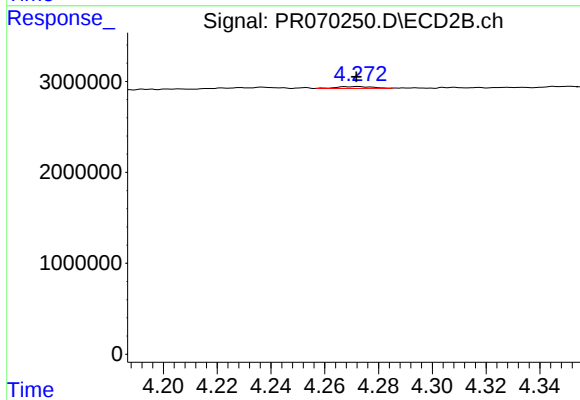
R.T.: 4.093 min
Delta R.T.: 0.000 min
Response: 501697
Conc: 2.11 ng/ml



#5 AR-1016-3

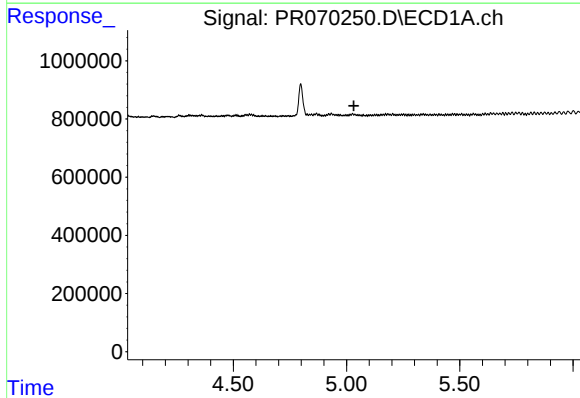
R.T.: 0.000 min
Exp R.T.: 4.930 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025



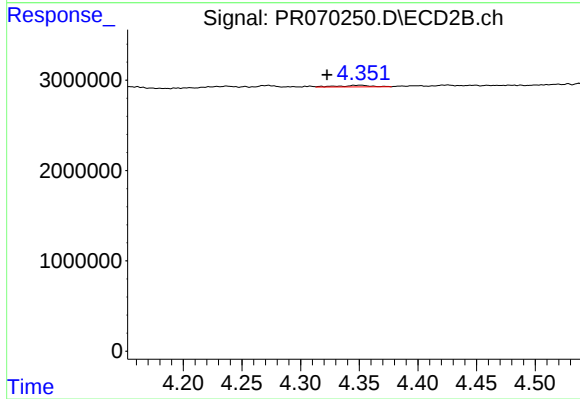
#5 AR-1016-3

R.T.: 4.272 min
Delta R.T.: 0.000 min
Response: 190206
Conc: 1.52 ng/ml



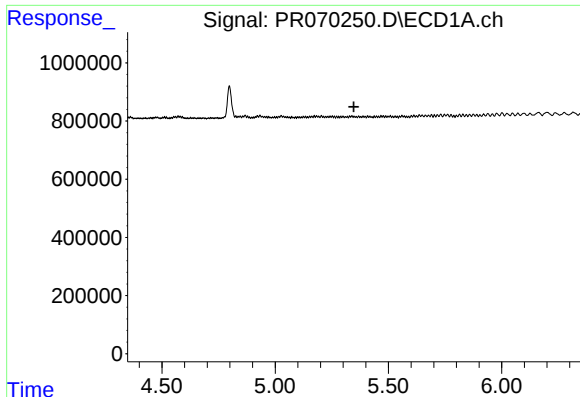
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 5.032 min
Response: 0
Conc: N.D.



#6 AR-1016-4

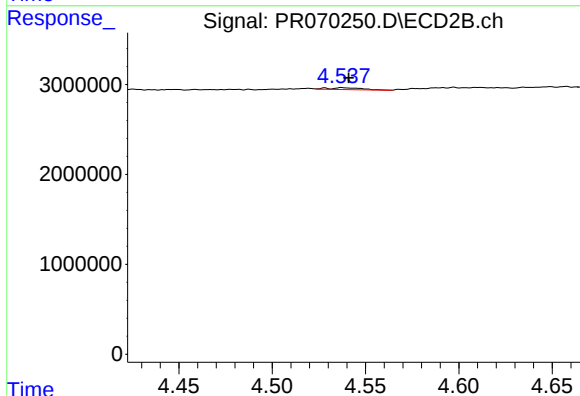
R.T.: 4.351 min
Delta R.T.: 0.029 min
Response: 333924
Conc: 3.04 ng/ml



#7 AR-1016-5

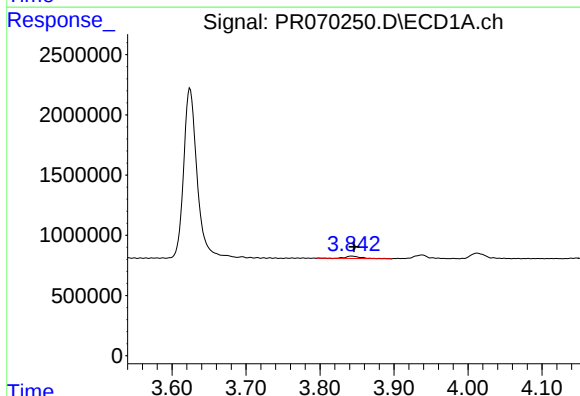
R.T.: 0.000 min
Exp R.T.: 5.347 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025



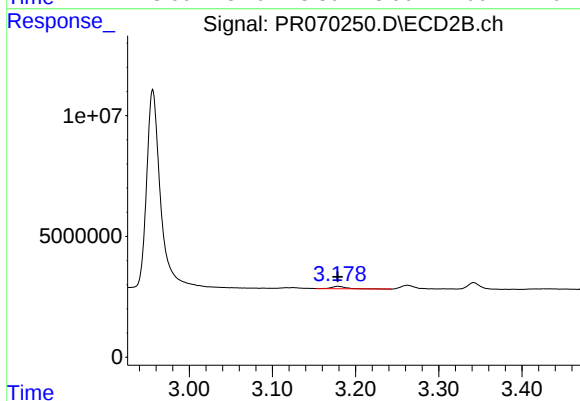
#7 AR-1016-5

R.T.: 4.537 min
Delta R.T.: -0.003 min
Response: 237635
Conc: 1.74 ng/ml



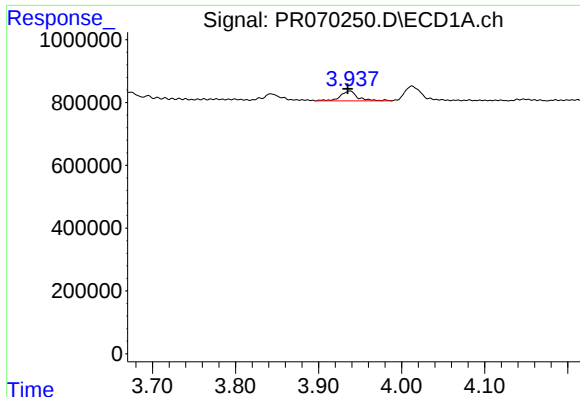
#8 AR-1221-1

R.T.: 3.843 min
Delta R.T.: -0.003 min
Response: 293319
Conc: 22.47 ng/ml



#8 AR-1221-1

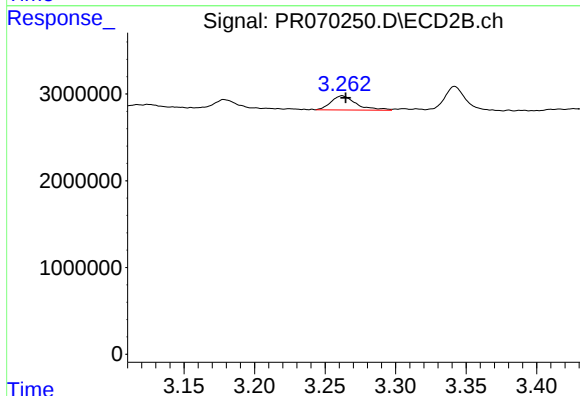
R.T.: 3.179 min
Delta R.T.: 0.000 min
Response: 1309505
Conc: 19.13 ng/ml



#9 AR-1221-2

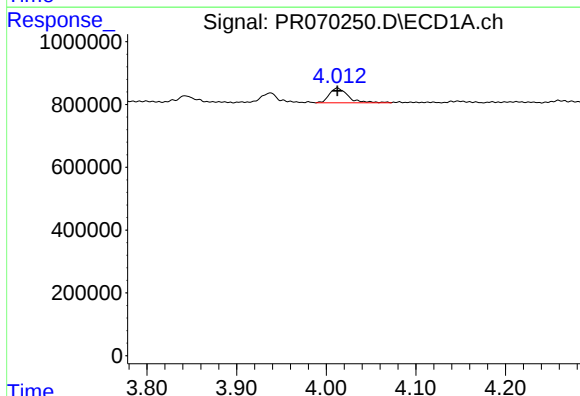
R.T.: 3.938 min
Delta R.T.: 0.003 min
Response: 458675
Conc: 46.98 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025



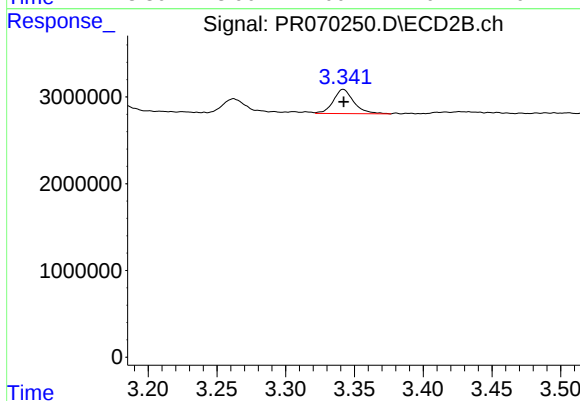
#9 AR-1221-2

R.T.: 3.262 min
Delta R.T.: -0.003 min
Response: 2027682
Conc: 39.60 ng/ml



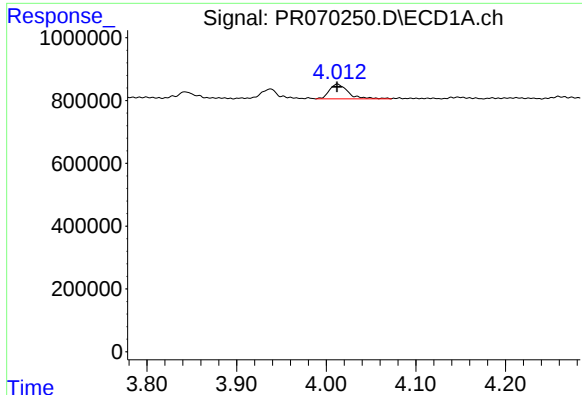
#10 AR-1221-3

R.T.: 4.013 min
Delta R.T.: 0.000 min
Response: 678049
Conc: 22.17 ng/ml



#10 AR-1221-3

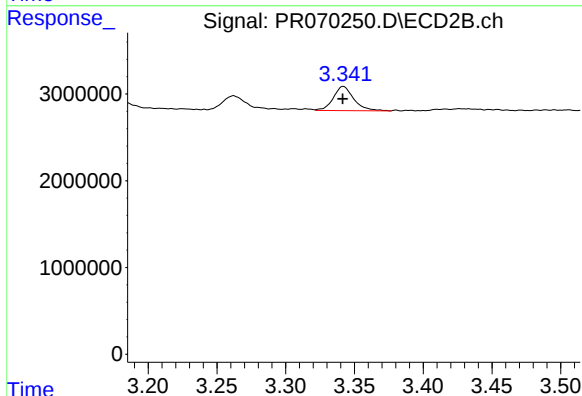
R.T.: 3.342 min
Delta R.T.: 0.000 min
Response: 2906971
Conc: 18.67 ng/ml



#11 AR-1232-1

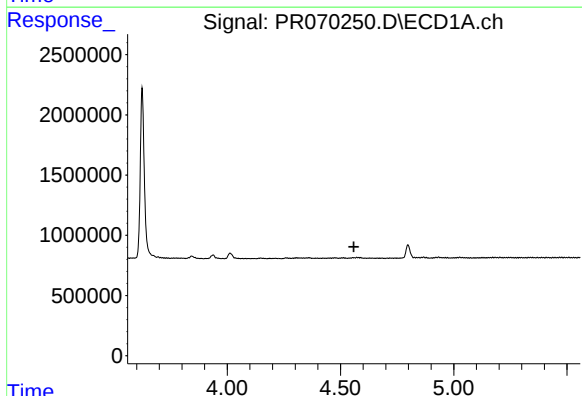
R.T.: 4.013 min
Delta R.T.: 0.000 min
Response: 678049
Conc: 28.59 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025



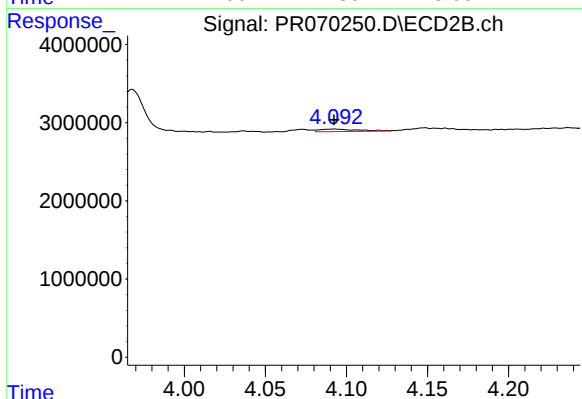
#11 AR-1232-1

R.T.: 3.342 min
Delta R.T.: 0.000 min
Response: 2906971
Conc: 24.31 ng/ml



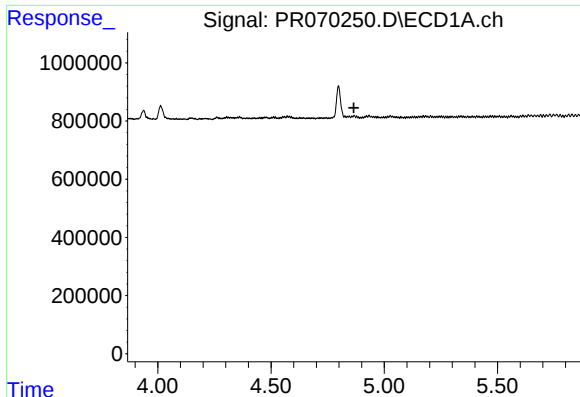
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 4.559 min
Response: 0
Conc: N.D.



#12 AR-1232-2

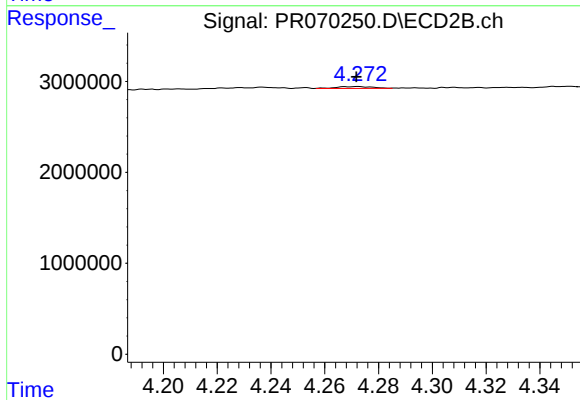
R.T.: 4.093 min
Delta R.T.: 0.000 min
Response: 501697
Conc: 4.52 ng/ml



#13 AR-1232-3

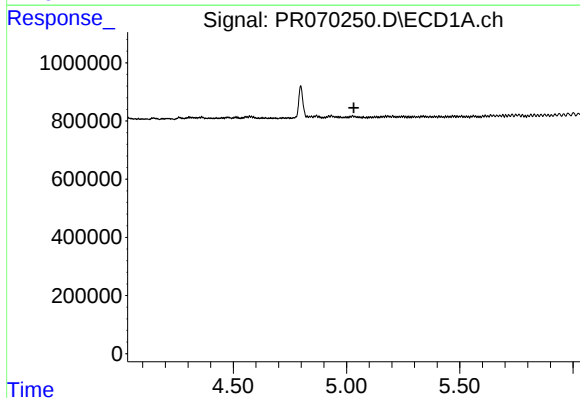
R.T.: 0.000 min
Exp R.T.: 4.866 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025



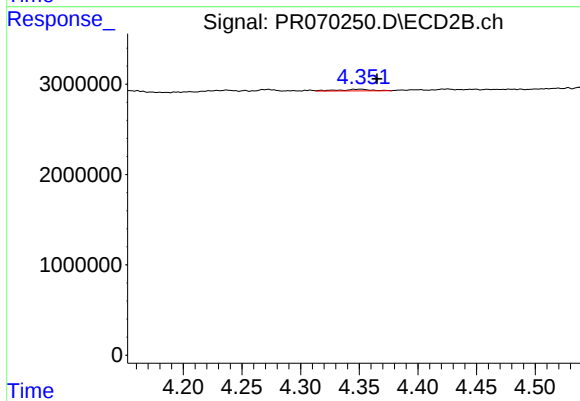
#13 AR-1232-3

R.T.: 4.272 min
Delta R.T.: 0.000 min
Response: 190206
Conc: 3.30 ng/ml



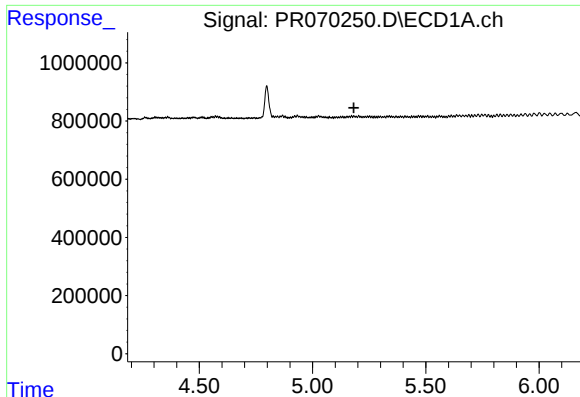
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T.: 5.032 min
Response: 0
Conc: N.D.



#14 AR-1232-4

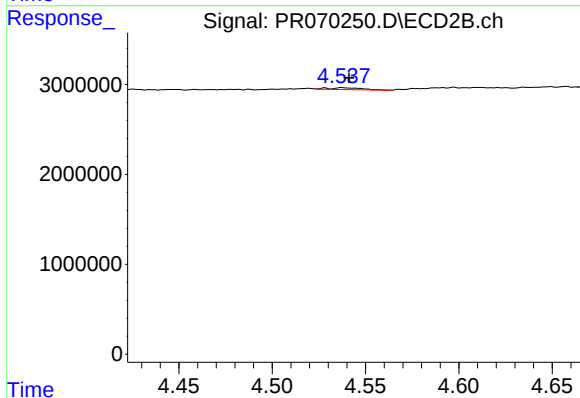
R.T.: 4.351 min
Delta R.T.: -0.014 min
Response: 333924
Conc: 6.29 ng/ml



#15 AR-1232-5

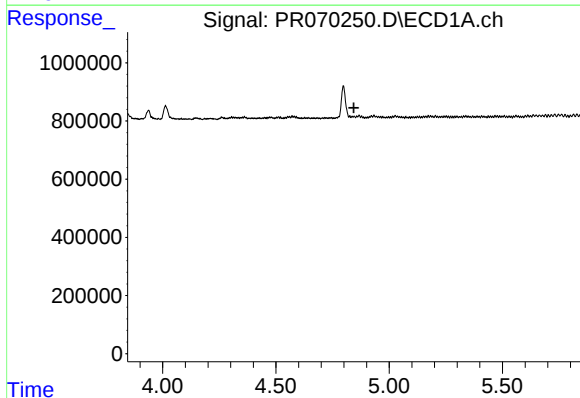
R.T.: 0.000 min
Exp R.T.: 5.183 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025



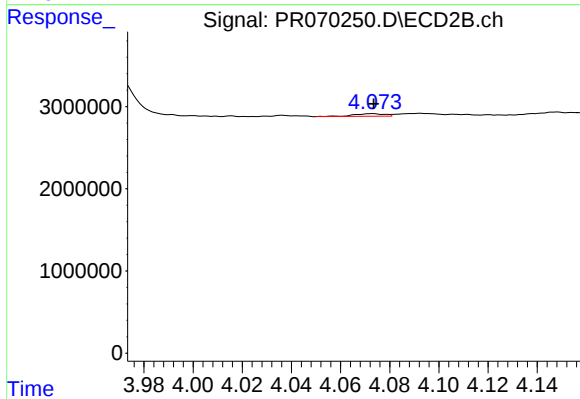
#15 AR-1232-5

R.T.: 4.537 min
Delta R.T.: -0.004 min
Response: 237635
Conc: 4.15 ng/ml



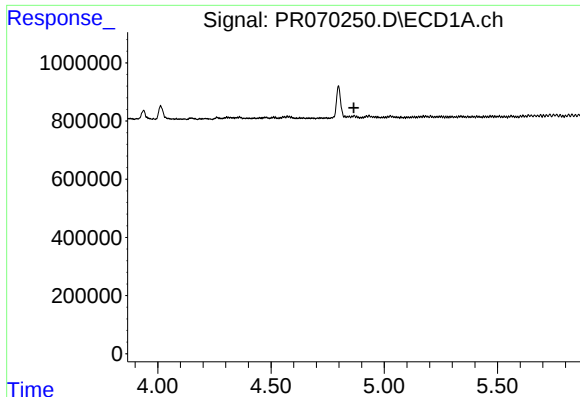
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T.: 4.844 min
Response: 0
Conc: N.D.



#16 AR-1242-1

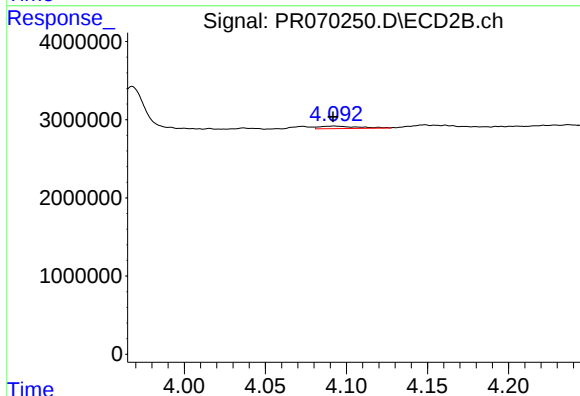
R.T.: 4.073 min
Delta R.T.: 0.000 min
Response: 288781
Conc: 2.23 ng/ml



#17 AR-1242-2

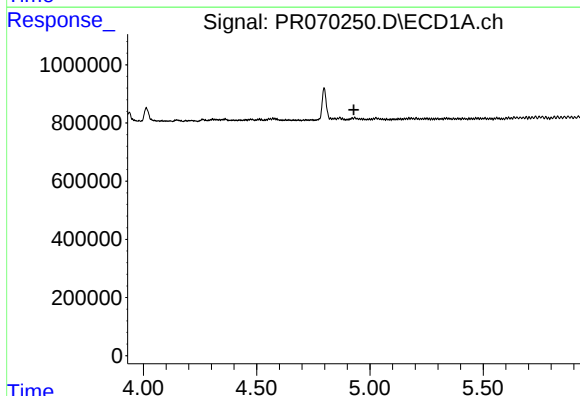
R.T.: 0.000 min
Exp R.T.: 4.866 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025



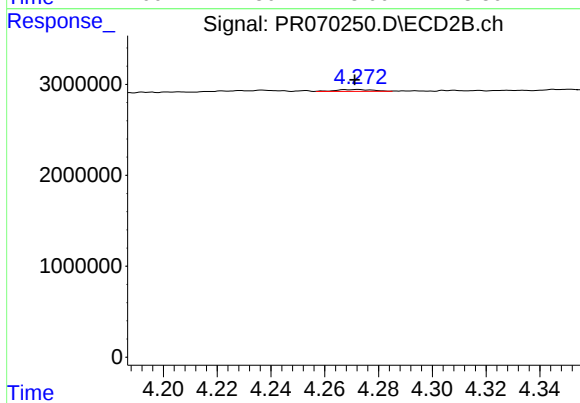
#17 AR-1242-2

R.T.: 4.093 min
Delta R.T.: 0.000 min
Response: 501697
Conc: 2.58 ng/ml



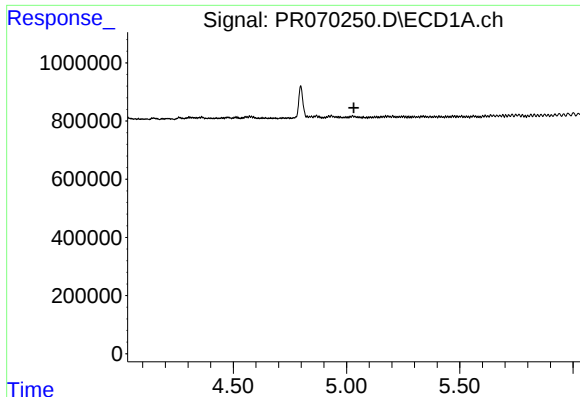
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T.: 4.930 min
Response: 0
Conc: N.D.



#18 AR-1242-3

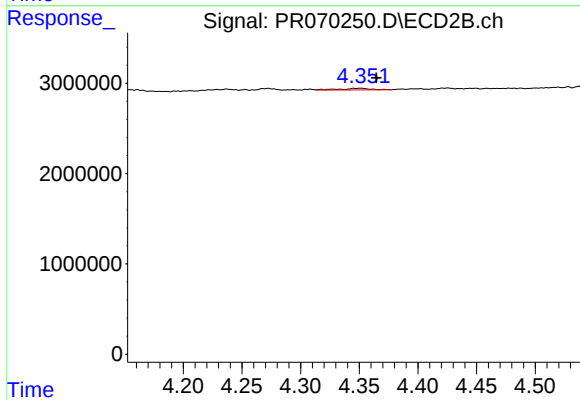
R.T.: 4.272 min
Delta R.T.: 0.001 min
Response: 190206
Conc: 1.83 ng/ml



#19 AR-1242-4

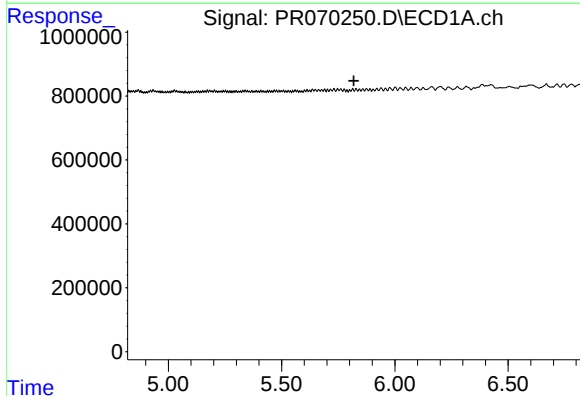
R.T.: 0.000 min
Exp R.T.: 5.032 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025



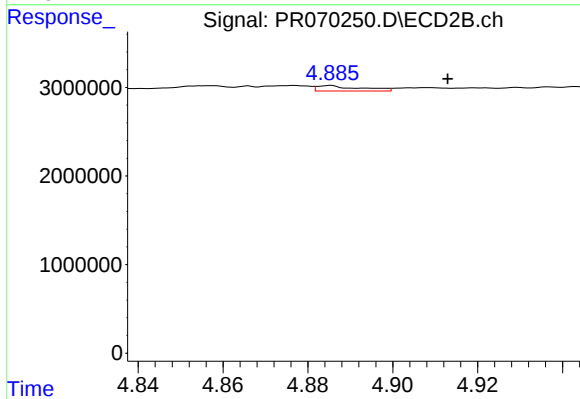
#19 AR-1242-4

R.T.: 4.351 min
Delta R.T.: -0.013 min
Response: 333924
Conc: 3.26 ng/ml



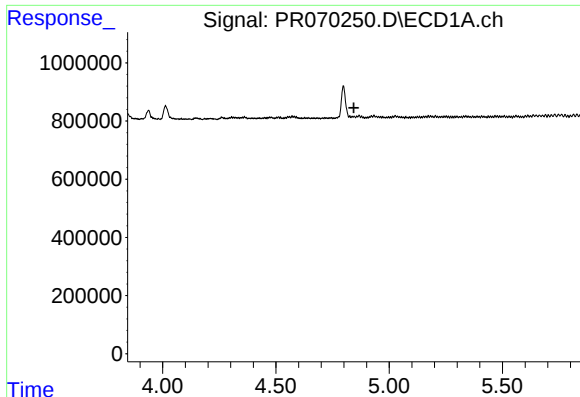
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T.: 5.819 min
Response: 0
Conc: N.D.



#20 AR-1242-5

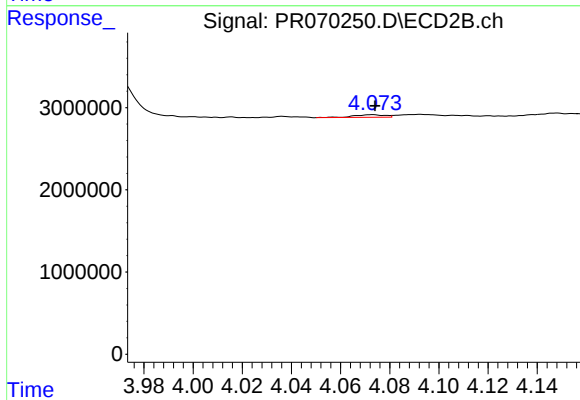
R.T.: 4.885 min
Delta R.T.: -0.028 min
Response: 431465
Conc: 3.77 ng/ml



#21 AR-1248-1

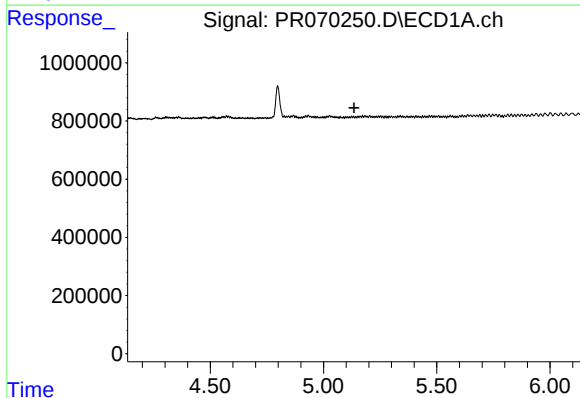
R.T.: 0.000 min
Exp R.T.: 4.844 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025



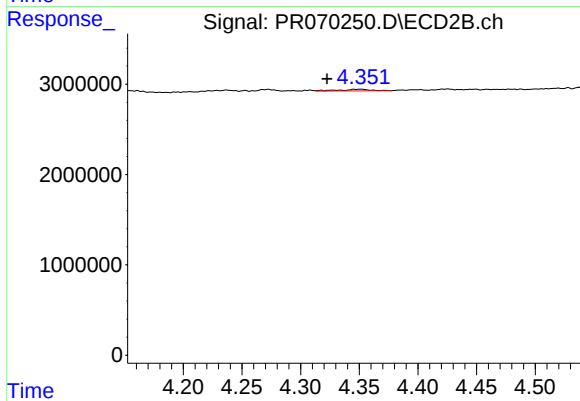
#21 AR-1248-1

R.T.: 4.073 min
Delta R.T.: -0.001 min
Response: 288781
Conc: 2.99 ng/ml



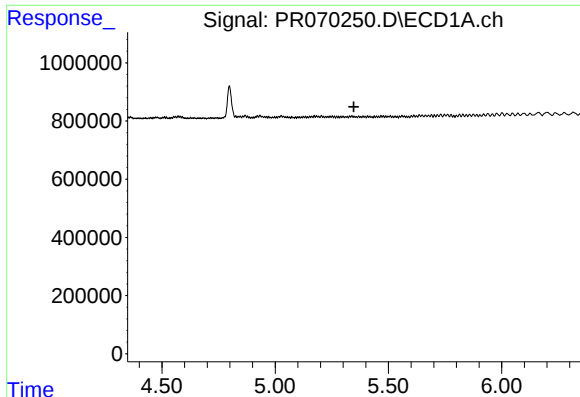
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T.: 5.135 min
Response: 0
Conc: N.D.



#22 AR-1248-2

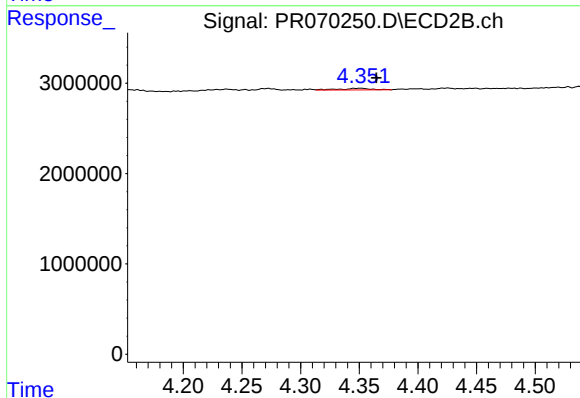
R.T.: 4.351 min
Delta R.T.: 0.029 min
Response: 333924
Conc: 2.30 ng/ml



#23 AR-1248-3

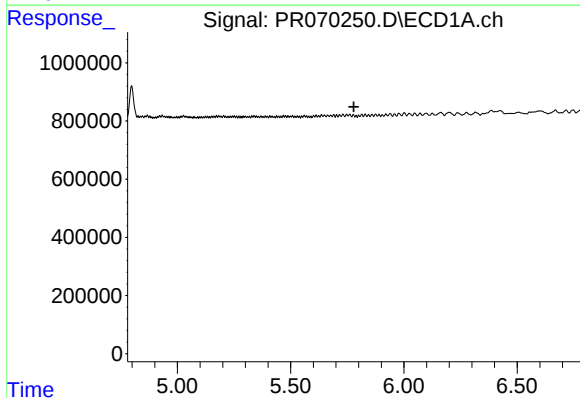
R.T.: 0.000 min
Exp R.T.: 5.347 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025



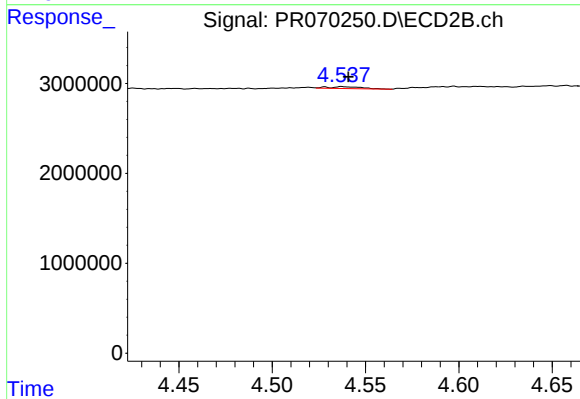
#23 AR-1248-3

R.T.: 4.351 min
Delta R.T.: -0.013 min
Response: 333924
Conc: 2.26 ng/ml



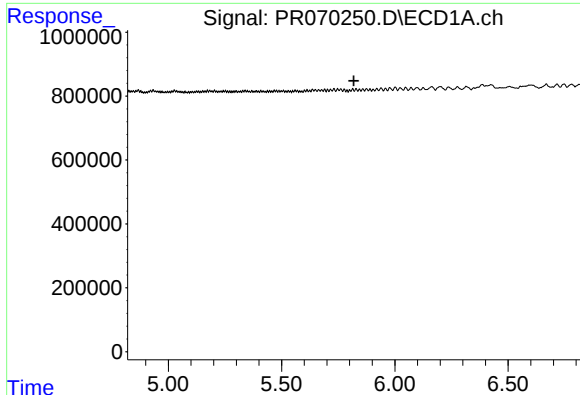
#24 AR-1248-4

R.T.: 0.000 min
Exp R.T.: 5.779 min
Response: 0
Conc: N.D.



#24 AR-1248-4

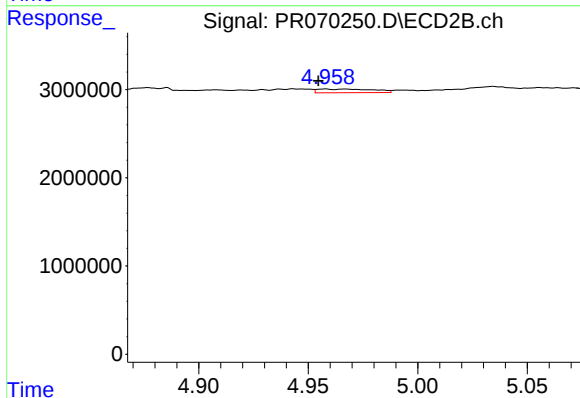
R.T.: 4.537 min
Delta R.T.: -0.003 min
Response: 237635
Conc: 1.35 ng/ml



#25 AR-1248-5

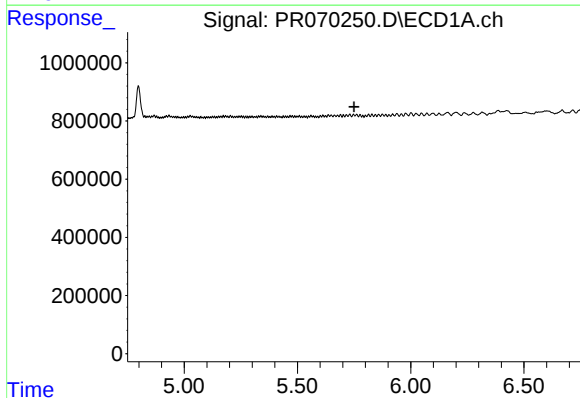
R.T.: 0.000 min
Exp R.T.: 5.819 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025



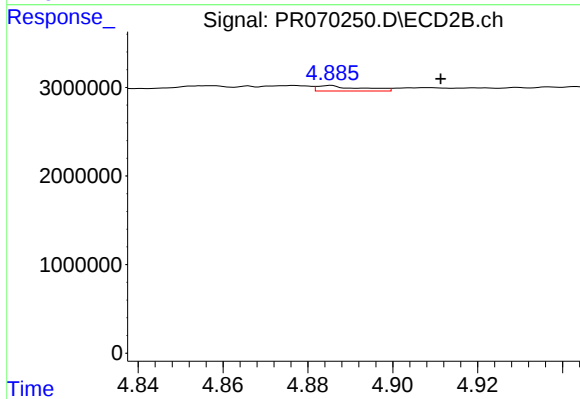
#25 AR-1248-5

R.T.: 4.958 min
Delta R.T.: 0.003 min
Response: 747116
Conc: 4.98 ng/ml



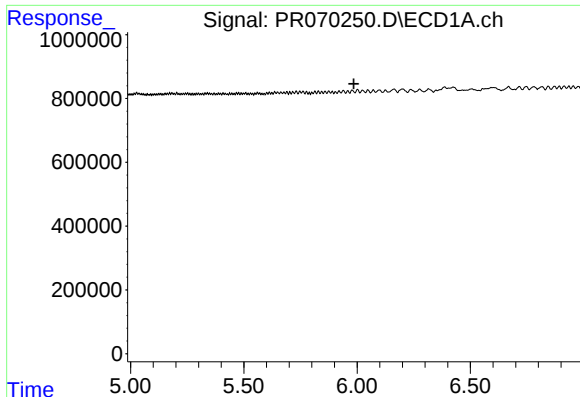
#26 AR-1254-1

R.T.: 0.000 min
Exp R.T.: 5.750 min
Response: 0
Conc: N.D.



#26 AR-1254-1

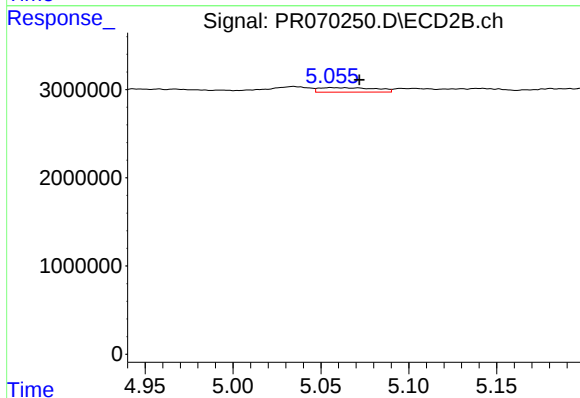
R.T.: 4.885 min
Delta R.T.: -0.027 min
Response: 431465
Conc: 1.71 ng/ml



#27 AR-1254-2

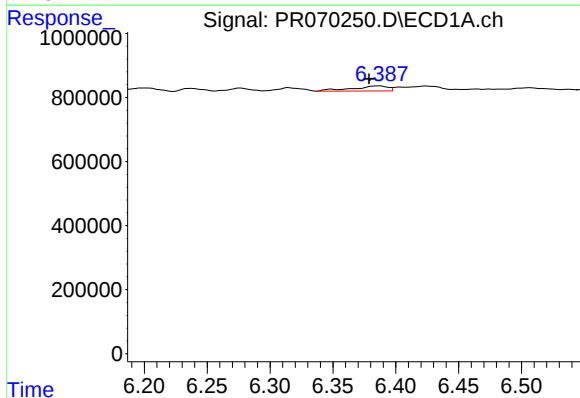
R.T.: 0.000 min
Exp R.T.: 5.986 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025



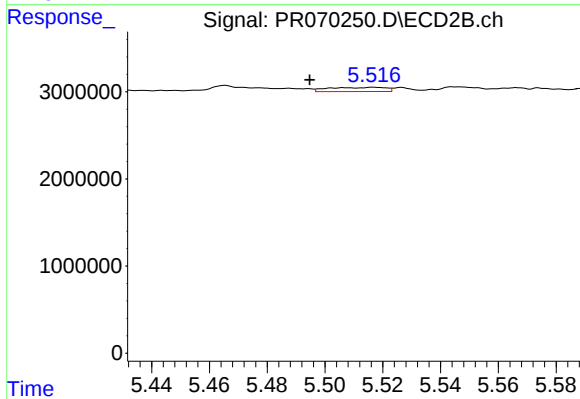
#27 AR-1254-2

R.T.: 5.056 min
Delta R.T.: -0.016 min
Response: 1127244
Conc: 5.17 ng/ml



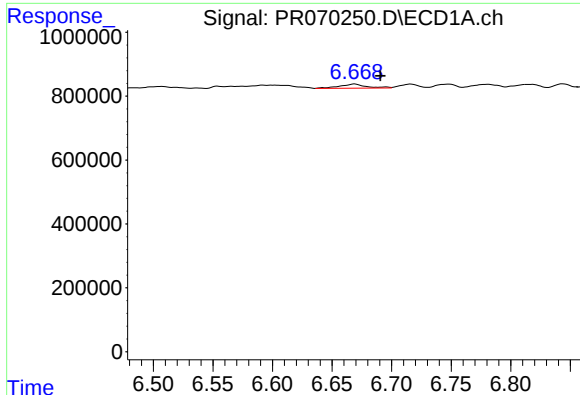
#28 AR-1254-3

R.T.: 6.386 min
Delta R.T.: 0.007 min
Response: 316833
Conc: 5.93 ng/ml



#28 AR-1254-3

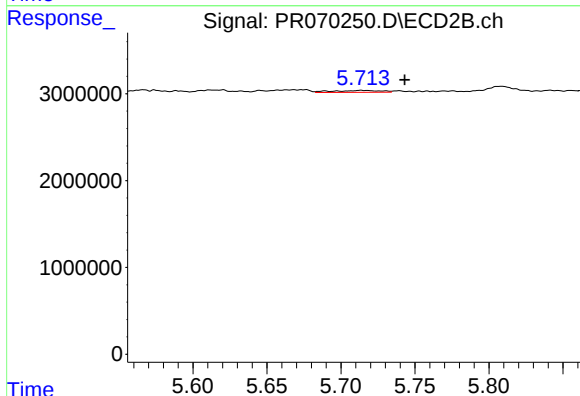
R.T.: 5.517 min
Delta R.T.: 0.022 min
Response: 656143
Conc: 2.06 ng/ml



#29 AR-1254-4

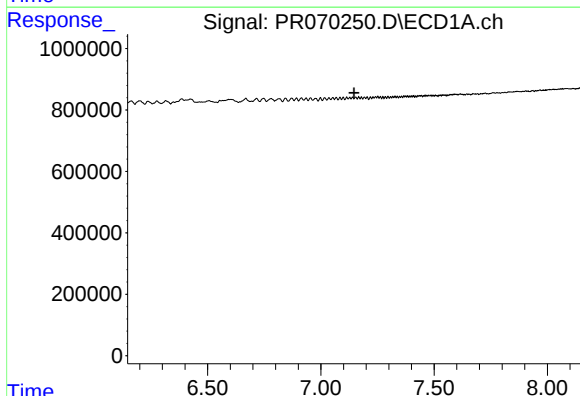
R.T.: 6.669 min
Delta R.T.: -0.022 min
Response: 201264
Conc: 6.30 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025



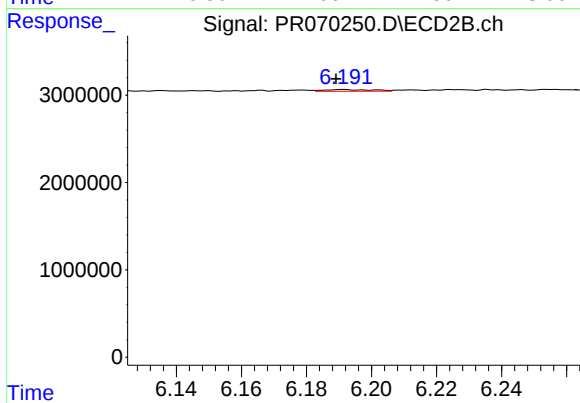
#29 AR-1254-4

R.T.: 5.714 min
Delta R.T.: -0.029 min
Response: 492289
Conc: 3.06 ng/ml



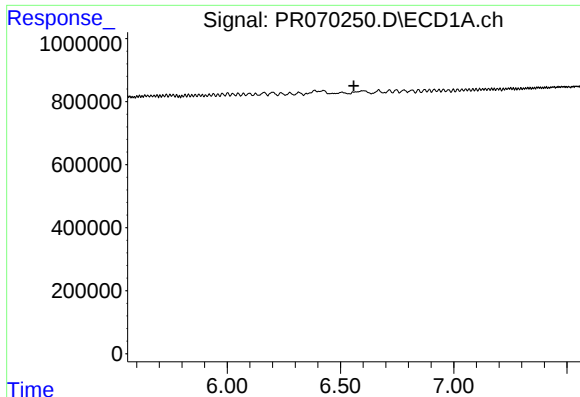
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T. : 7.147 min
Response: 0
Conc: N.D.



#30 AR-1254-5

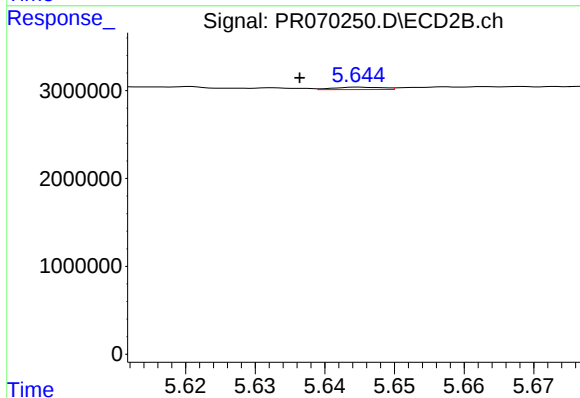
R.T.: 6.191 min
Delta R.T.: 0.002 min
Response: 188385
Conc: 0.72 ng/ml



#31 AR-1260-1

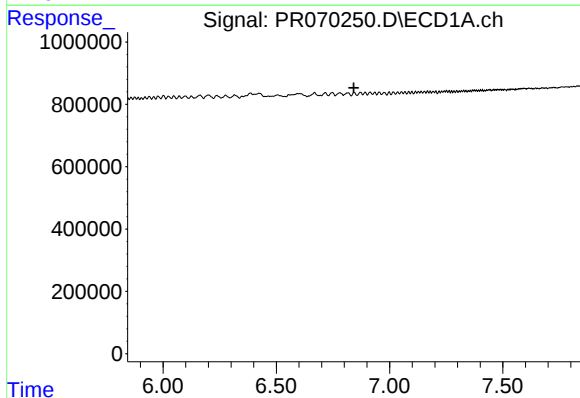
R.T.: 0.000 min
Exp R.T.: 6.559 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025



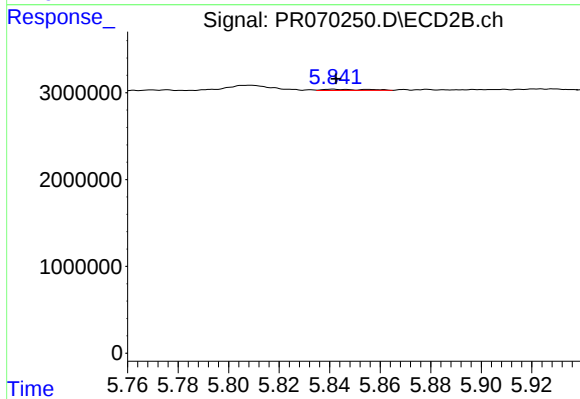
#31 AR-1260-1

R.T.: 5.645 min
Delta R.T.: 0.009 min
Response: 135739
Conc: 0.62 ng/ml



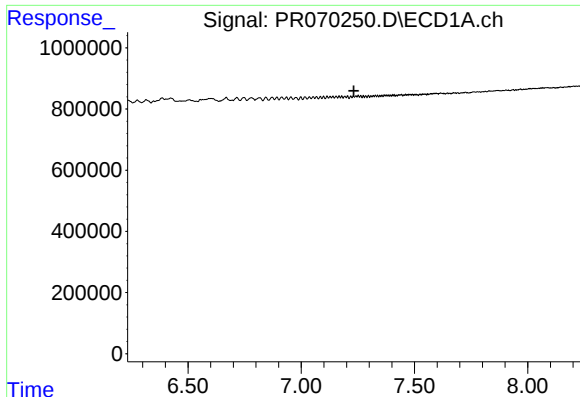
#32 AR-1260-2

R.T.: 0.000 min
Exp R.T.: 6.842 min
Response: 0
Conc: N.D.



#32 AR-1260-2

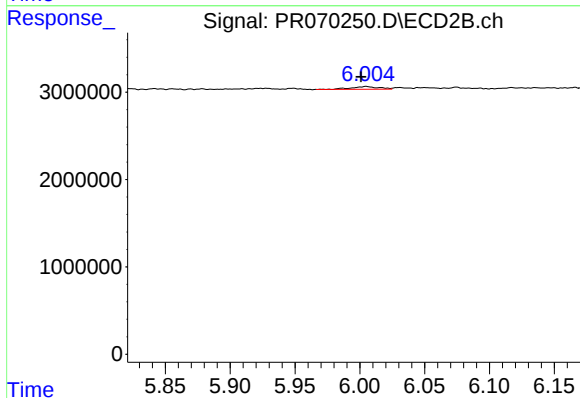
R.T.: 5.841 min
Delta R.T.: -0.001 min
Response: 168082
Conc: 0.68 ng/ml



#33 AR-1260-3

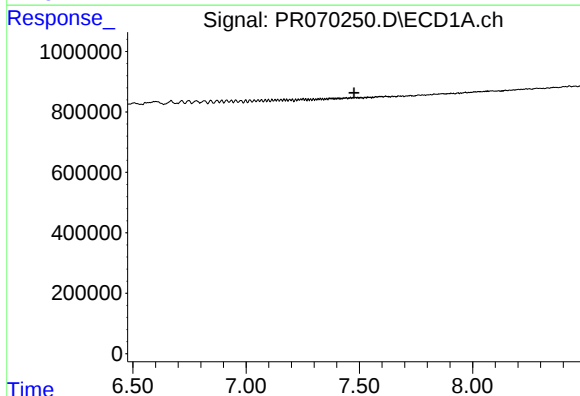
R.T.: 0.000 min
Exp R.T.: 7.233 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025



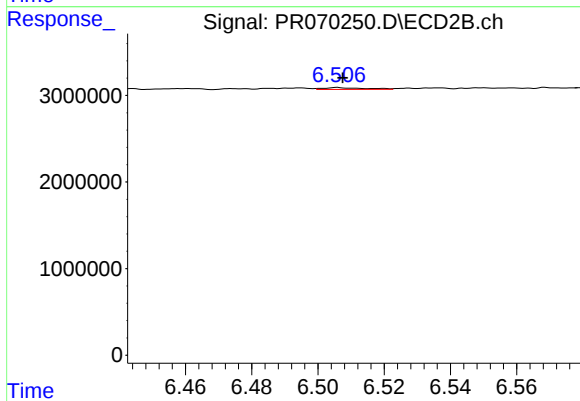
#33 AR-1260-3

R.T.: 6.005 min
Delta R.T.: 0.004 min
Response: 457066
Conc: 1.92 ng/ml



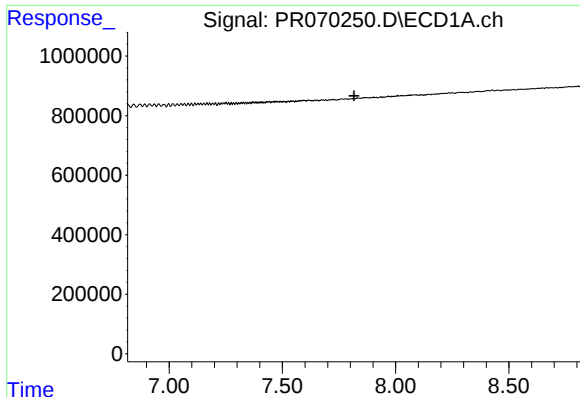
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T.: 7.476 min
Response: 0
Conc: N.D.



#34 AR-1260-4

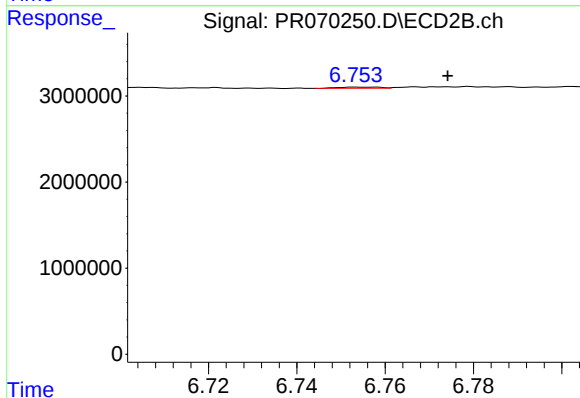
R.T.: 6.506 min
Delta R.T.: -0.001 min
Response: 176393
Conc: 0.90 ng/ml



#35 AR-1260-5

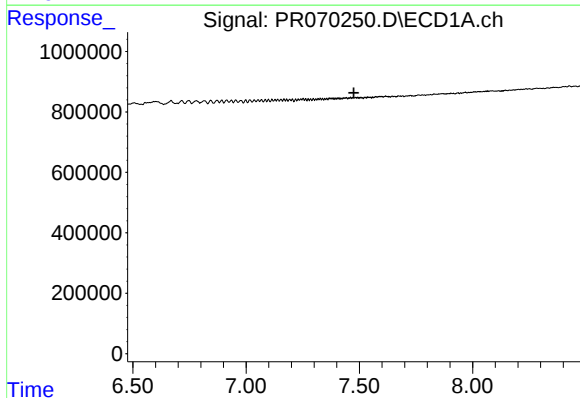
R.T.: 0.000 min
Exp R.T.: 7.816 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025



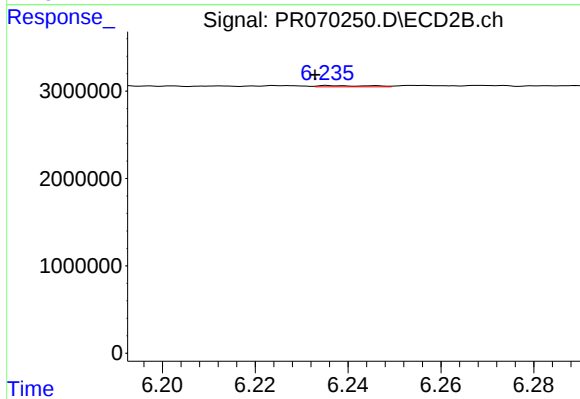
#35 AR-1260-5

R.T.: 6.755 min
Delta R.T.: -0.020 min
Response: 92901
Conc: 0.23 ng/ml



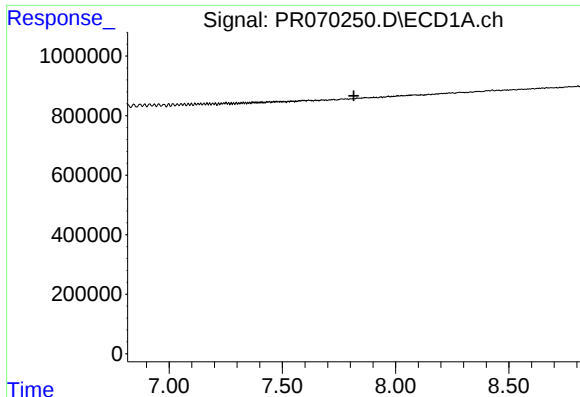
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T.: 7.476 min
Response: 0
Conc: N.D.



#36 AR-1262-1

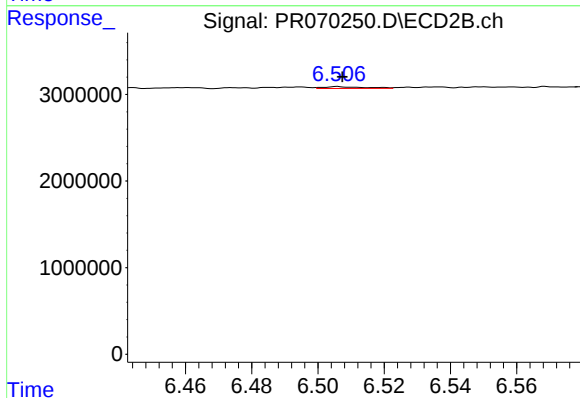
R.T.: 6.236 min
Delta R.T.: 0.003 min
Response: 111617
Conc: 0.36 ng/ml



#37 AR-1262-2

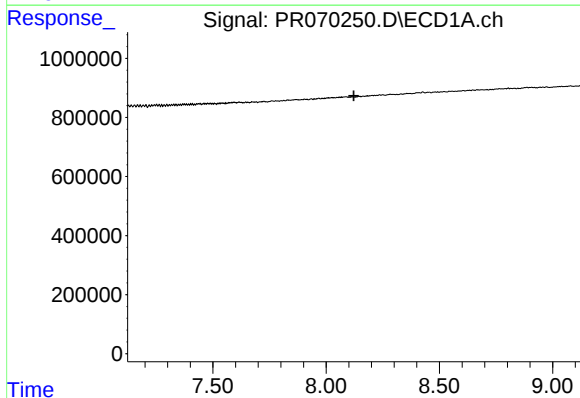
R.T.: 0.000 min
Exp R.T.: 7.815 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025



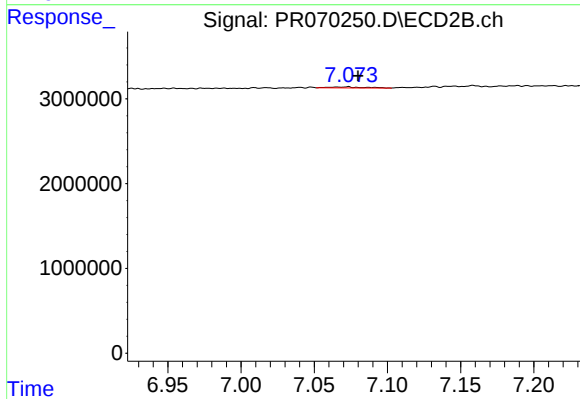
#37 AR-1262-2

R.T.: 6.506 min
Delta R.T.: -0.001 min
Response: 176393
Conc: 0.65 ng/ml



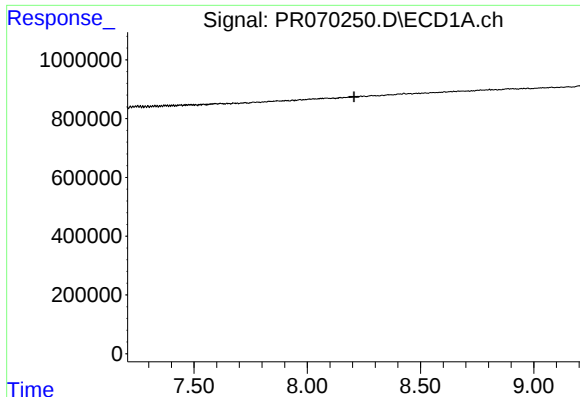
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T.: 8.122 min
Response: 0
Conc: N.D.



#38 AR-1262-3

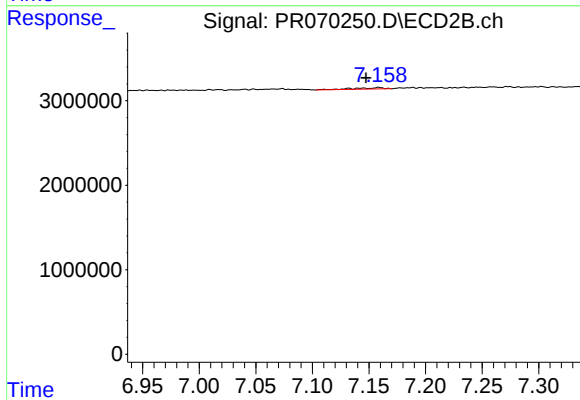
R.T.: 7.072 min
Delta R.T.: -0.008 min
Response: 172193
Conc: 0.88 ng/ml



#39 AR-1262-4

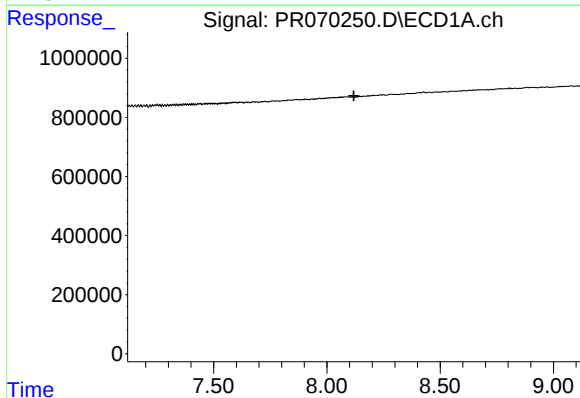
R.T.: 0.000 min
Exp R.T.: 8.206 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025



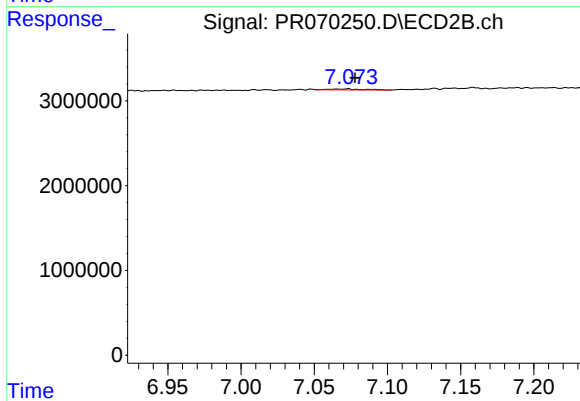
#39 AR-1262-4

R.T.: 7.158 min
Delta R.T.: 0.011 min
Response: 312843
Conc: 0.87 ng/ml



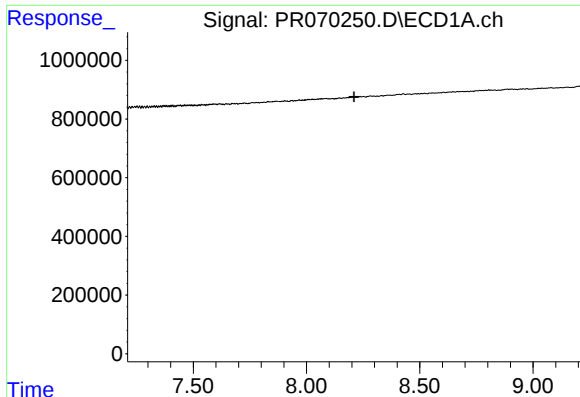
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T.: 8.119 min
Response: 0
Conc: N.D.



#41 AR-1268-1

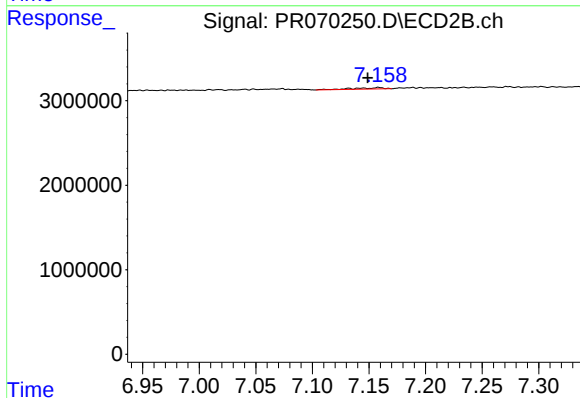
R.T.: 7.072 min
Delta R.T.: -0.006 min
Response: 172193
Conc: 0.30 ng/ml



#42 AR-1268-2

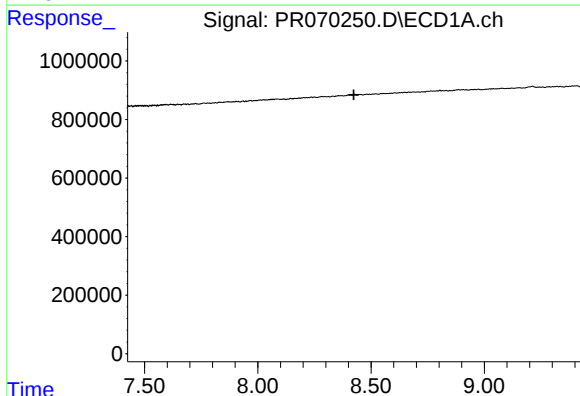
R.T.: 0.000 min
Exp R.T.: 8.210 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025



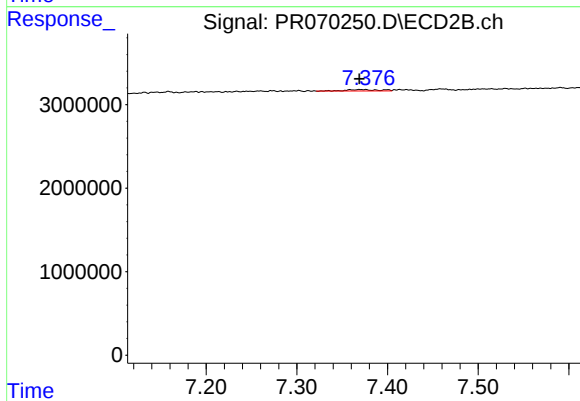
#42 AR-1268-2

R.T.: 7.158 min
Delta R.T.: 0.010 min
Response: 312843
Conc: 0.60 ng/ml



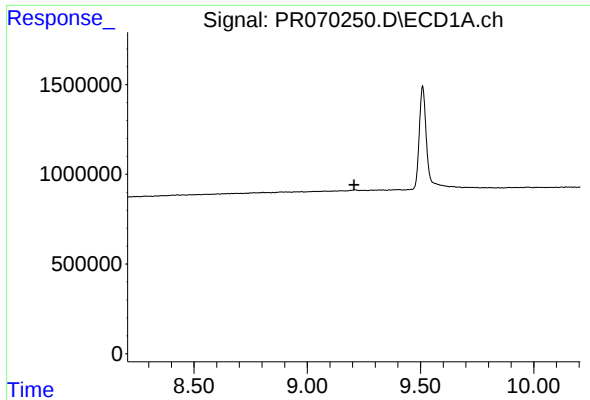
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T.: 8.424 min
Response: 0
Conc: N.D.



#43 AR-1268-3

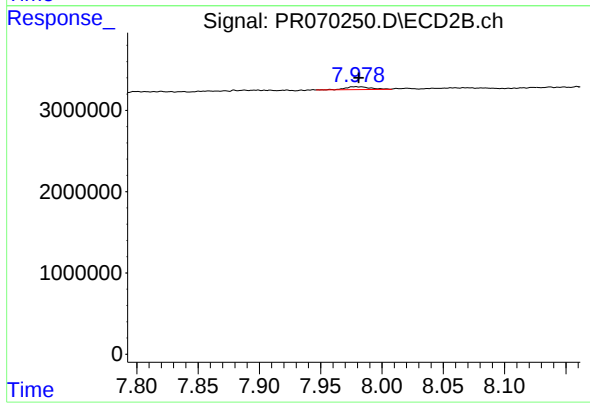
R.T.: 7.372 min
Delta R.T.: 0.003 min
Response: 404364
Conc: 0.83 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 9.207 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025



#45 AR-1268-5

R.T.: 7.980 min
Delta R.T.: -0.001 min
Response: 504120
Conc: 0.36 ng/ml