

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR021025\
 Data File : PR070271.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Feb 2025 20:48
 Operator : AJ\MA
 Sample : Q1168-01
 Misc : AR1221 LOD 40 PPB
 ALS Vial : 35 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 00:50:29 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	19334403	100.6E6	17.122	17.259
2)	SA Decachlor...	9.508	8.224	13641250	76663864	19.082	18.724
Target Compounds							
3)	L1 AR-1016-1	0.000	4.075	0	601699	N.D.	3.815 #
4)	L1 AR-1016-2	0.000	4.093	0	961970	N.D.	4.038 #
5)	L1 AR-1016-3	0.000	4.271	0	213706	N.D.	1.703 #
6)	L1 AR-1016-4	0.000	4.346f	0	643068	N.D.	5.851 #
7)	L1 AR-1016-5	0.000	4.542	0	182536	N.D.	1.338 #
8)	L2 AR-1221-1	3.836	3.179	613956	2006545	47.033	29.315 #
9)	L2 AR-1221-2	3.934	3.262	479284	2622120	49.091	51.209
10)	L2 AR-1221-3	4.012	3.341	1029410	4899611	33.660	31.470
11)	L3 AR-1232-1	4.012	3.341	1029410	4899611	43.405	40.974
12)	L3 AR-1232-2	0.000	4.093	0	961970	N.D.	8.666 #
13)	L3 AR-1232-3	0.000	4.271	0	213706	N.D.	3.703 #
14)	L3 AR-1232-4	0.000	4.383f	0	31684	N.D.	0.597 #
15)	L3 AR-1232-5	0.000	4.542	0	182536	N.D.	3.190 #
16)	L4 AR-1242-1	0.000	4.075	0	601699	N.D.	4.653 #
17)	L4 AR-1242-2	0.000	4.093	0	961970	N.D.	4.946 #
18)	L4 AR-1242-3	0.000	4.271	0	213706	N.D.	2.054 #
19)	L4 AR-1242-4	0.000	4.383f	0	31684	N.D.	0.309 #
20)	L4 AR-1242-5	0.000	4.915	0	854260	N.D.	7.455 #
21)	L5 AR-1248-1	0.000	4.075	0	601699	N.D.	6.237 #
22)	L5 AR-1248-2	0.000	4.346f	0	643068	N.D.	4.432 #
23)	L5 AR-1248-3	0.000	4.383f	0	31684	N.D.	0.214 #
24)	L5 AR-1248-4	0.000	4.542	0	182536	N.D.	1.038 #
25)	L5 AR-1248-5	0.000	4.961	0	630351	N.D.	4.198 #
26)	L6 AR-1254-1	0.000	4.915	0	854260	N.D.	3.380 #
27)	L6 AR-1254-2	0.000	5.054f	0	568021	N.D.	2.607 #
28)	L6 AR-1254-3	0.000	5.470f	0	1394898	N.D.	4.370 #
29)	L6 AR-1254-4	0.000	5.772f	0	105851	N.D.	0.658 #
30)	L6 AR-1254-5	0.000	6.186	0	568726	N.D.	2.187 #
31)	L7 AR-1260-1	0.000	5.642	0	360284	N.D.	1.637 #
32)	L7 AR-1260-2	0.000	5.862f	0	178181	N.D.	0.724 #
33)	L7 AR-1260-3	0.000	6.004	0	598855	N.D.	2.513 #
34)	L7 AR-1260-4	7.463	6.497	218432	272676	5.484	1.384 #
36)	L8 AR-1262-1	7.463	6.262f	218432	473404	4.331	1.538 #
37)	L8 AR-1262-2	0.000	6.497	0	272676	N.D.	1.009 #
40)	L8 AR-1262-5	0.000	7.682	0	720310	N.D.	4.723 #
43)	L9 AR-1268-3	0.000	7.369	0	163002	N.D.	0.333 #
44)	L9 AR-1268-4	0.000	7.682	0	720310	N.D.	4.210 #
45)	L9 AR-1268-5	0.000	7.979	0	446617	N.D.	0.322 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR021025\
Data File : PR070271.D
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Acq On : 10 Feb 2025 20:48
Operator : AJ\MA
Sample : Q1168-01
Misc : AR1221 LOD 40 PPB
ALS Vial : 35 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 00:50:29 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
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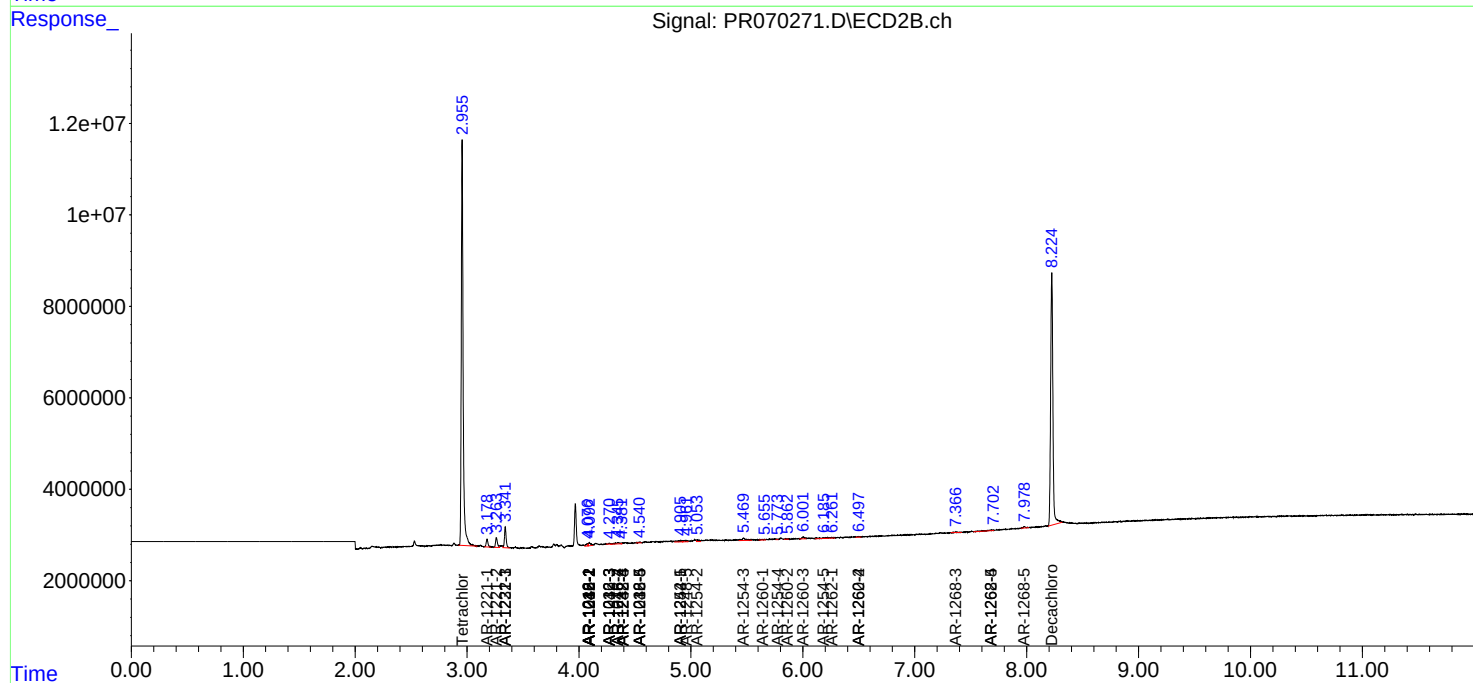
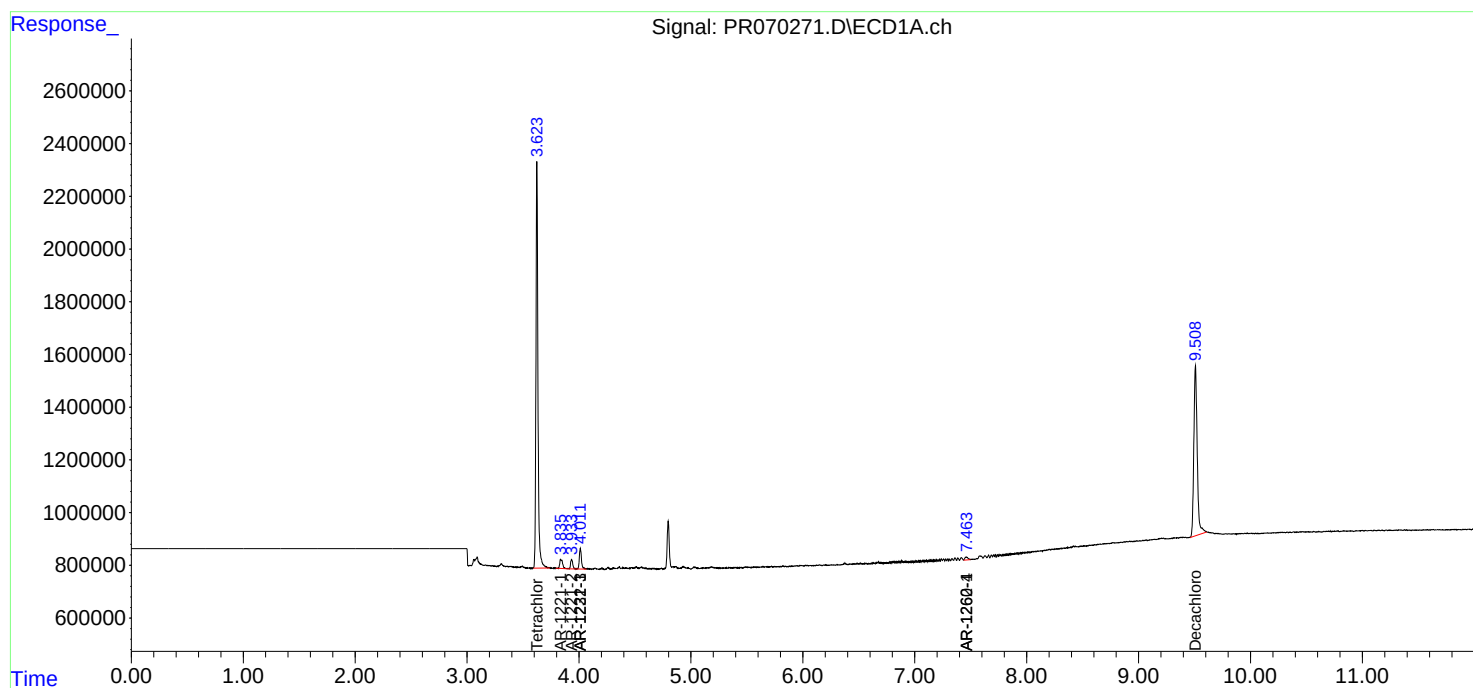
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

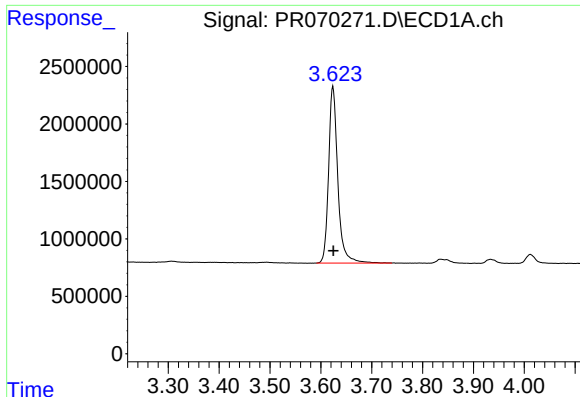
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR021025\
Data File : PR070271.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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Integration File signal 1: autoint1.e
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Volume Inj. : 2 µl
Signal #1 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

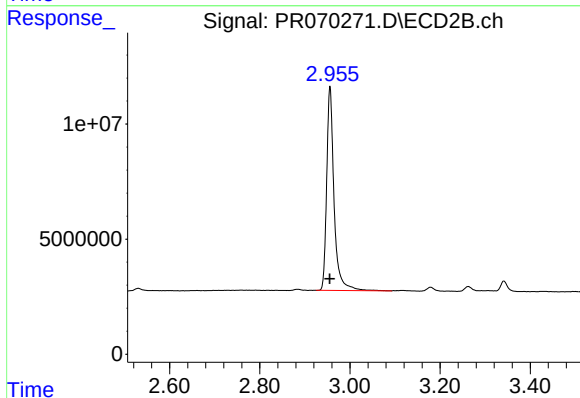




#1 Tetrachloro-m-xylene

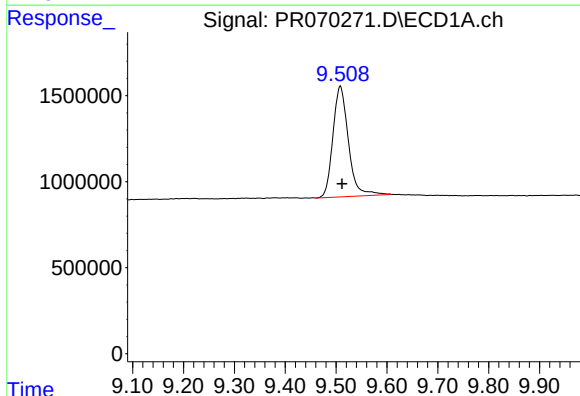
R.T.: 3.624 min
Delta R.T.: 0.000 min
Response: 19334403
Conc: 17.12 ng/ml

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



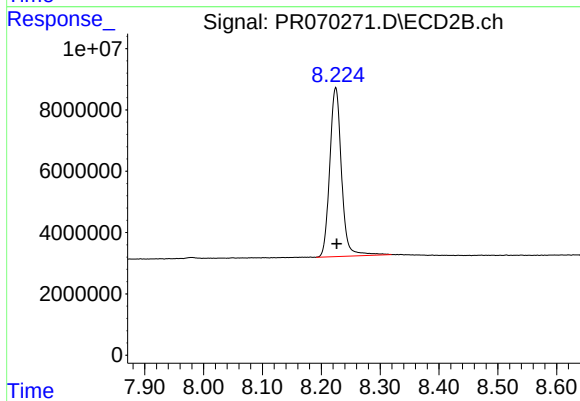
#1 Tetrachloro-m-xylene

R.T.: 2.956 min
Delta R.T.: 0.000 min
Response: 100642284
Conc: 17.26 ng/ml



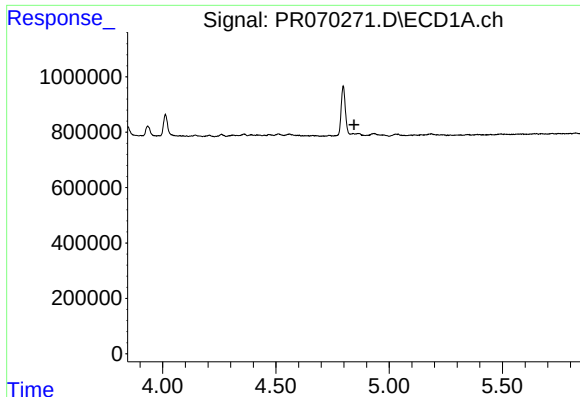
#2 Decachlorobiphenyl

R.T.: 9.508 min
Delta R.T.: -0.004 min
Response: 13641250
Conc: 19.08 ng/ml



#2 Decachlorobiphenyl

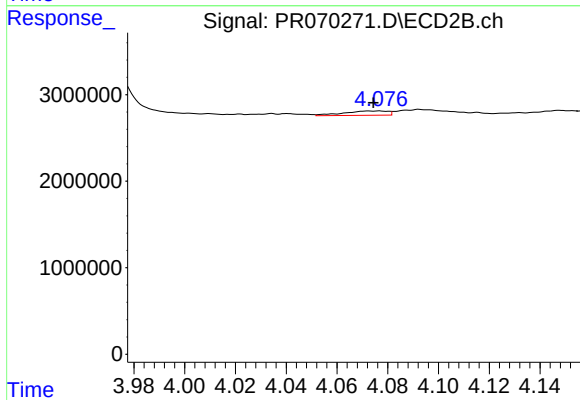
R.T.: 8.224 min
Delta R.T.: -0.002 min
Response: 76663864
Conc: 18.72 ng/ml



#3 AR-1016-1

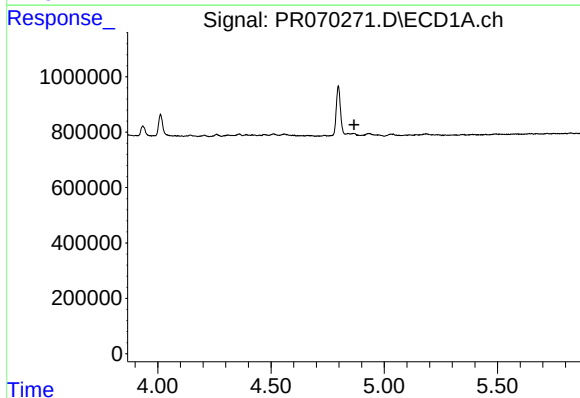
R.T.: 0.000 min
Exp R.T.: 4.845 min
Response: 0
Conc: N.D.

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



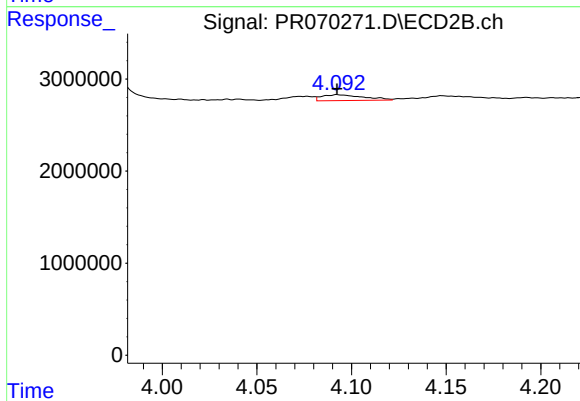
#3 AR-1016-1

R.T.: 4.075 min
Delta R.T.: 0.001 min
Response: 601699
Conc: 3.81 ng/ml



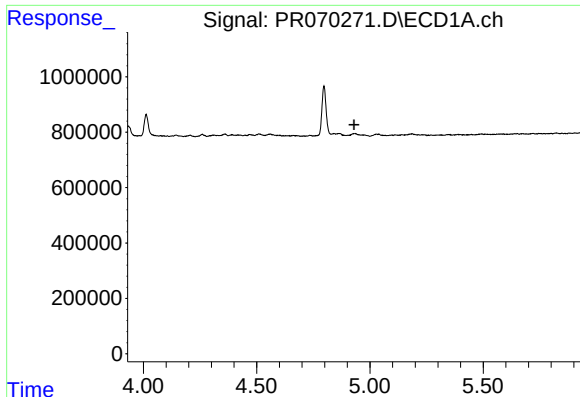
#4 AR-1016-2

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



#4 AR-1016-2

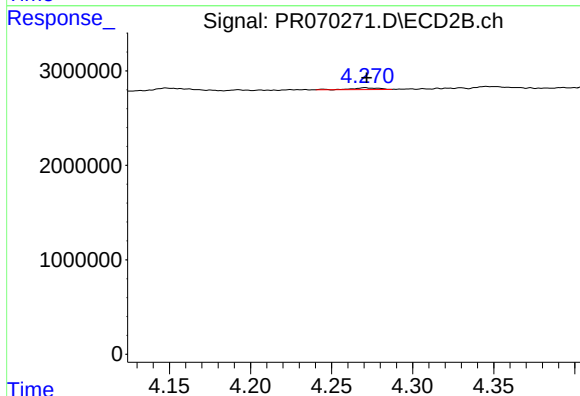
R.T.: 4.093 min
Delta R.T.: 0.000 min
Response: 961970
Conc: 4.04 ng/ml



#5 AR-1016-3

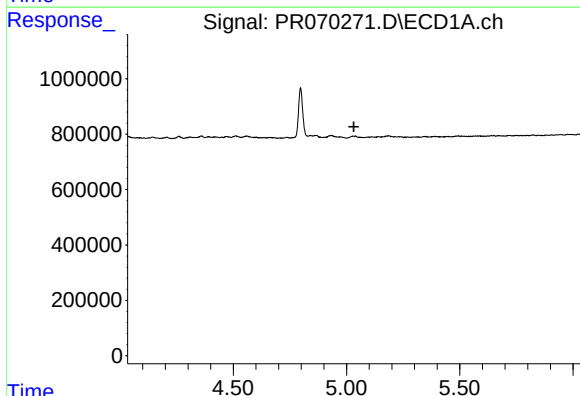
R.T.: 0.000 min
Exp R.T.: 4.930 min
Response: 0
Conc: N.D.

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



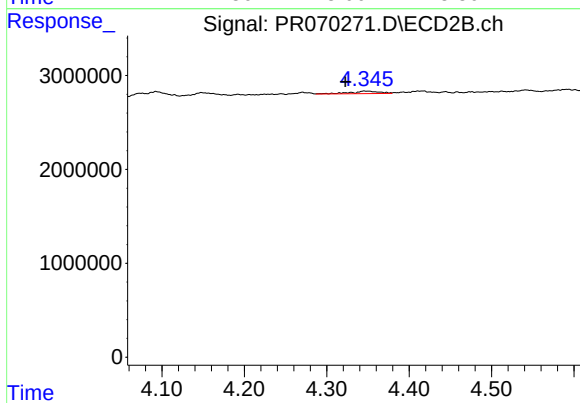
#5 AR-1016-3

R.T.: 4.271 min
Delta R.T.: -0.001 min
Response: 213706
Conc: 1.70 ng/ml



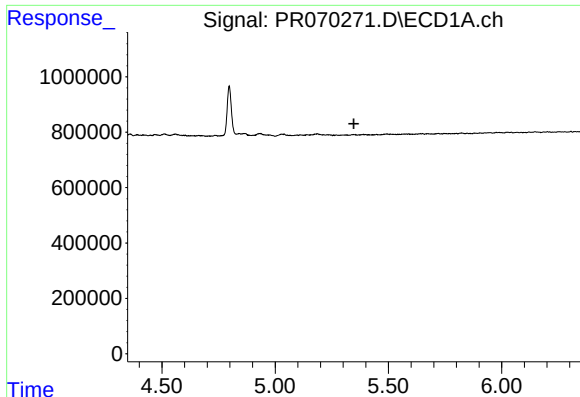
#6 AR-1016-4

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



#6 AR-1016-4

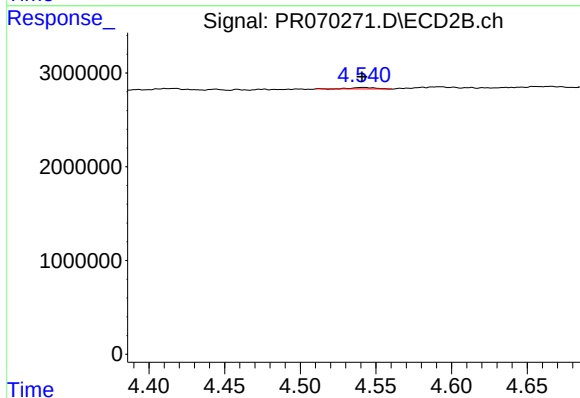
R.T.: 4.346 min
Delta R.T.: 0.023 min
Response: 643068
Conc: 5.85 ng/ml



#7 AR-1016-5

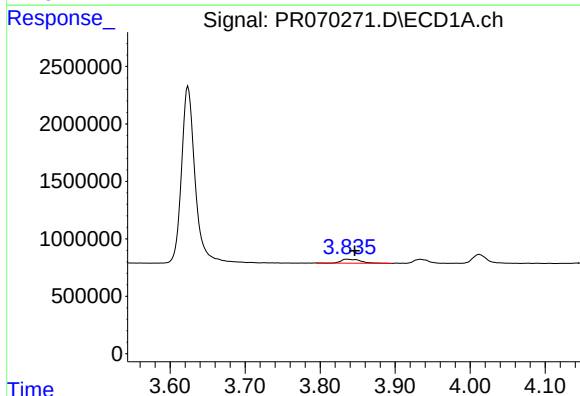
R.T.: 0.000 min
Exp R.T.: 5.347 min
Response: 0
Conc: N.D.

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



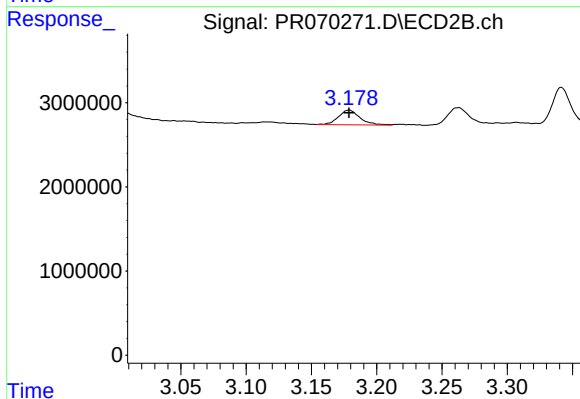
#7 AR-1016-5

R.T.: 4.542 min
Delta R.T.: 0.000 min
Response: 182536
Conc: 1.34 ng/ml



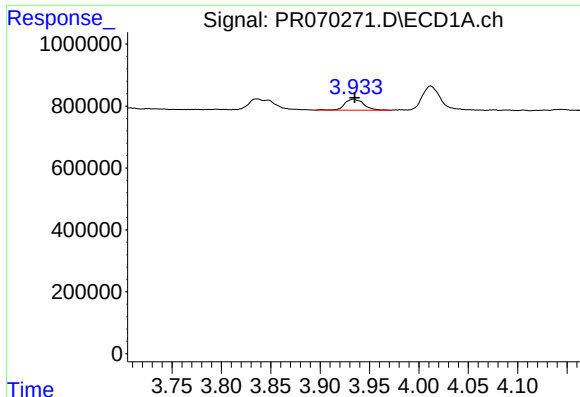
#8 AR-1221-1

R.T.: 3.836 min
Delta R.T.: -0.010 min
Response: 613956
Conc: 47.03 ng/ml



#8 AR-1221-1

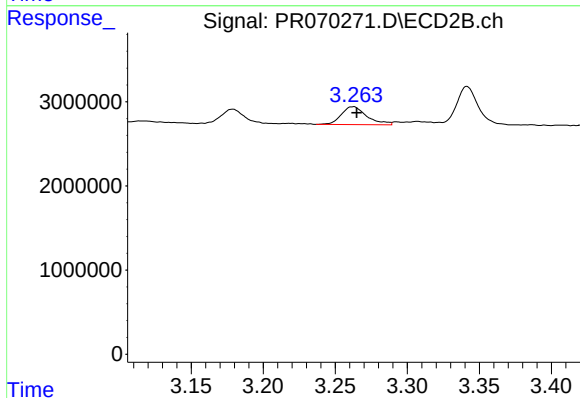
R.T.: 3.179 min
Delta R.T.: 0.000 min
Response: 2006545
Conc: 29.31 ng/ml



#9 AR-1221-2

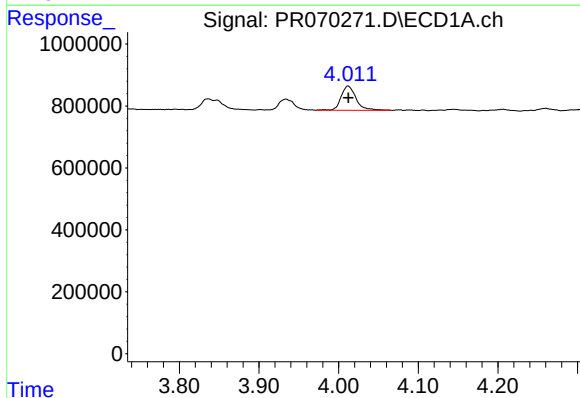
R.T.: 3.934 min
Delta R.T.: 0.000 min
Response: 479284
Conc: 49.09 ng/ml

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



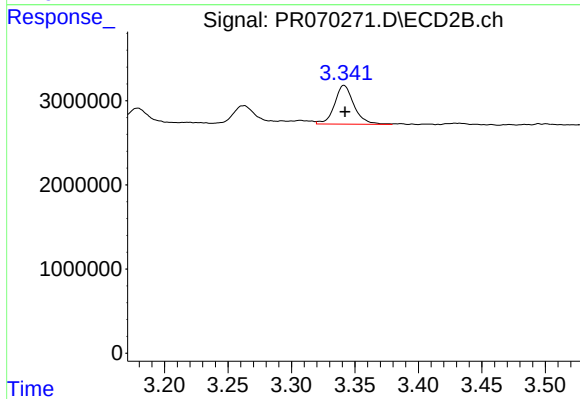
#9 AR-1221-2

R.T.: 3.262 min
Delta R.T.: -0.002 min
Response: 2622120
Conc: 51.21 ng/ml



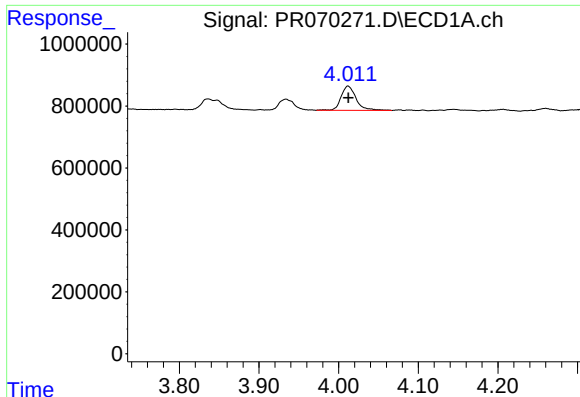
#10 AR-1221-3

R.T.: 4.012 min
Delta R.T.: 0.000 min
Response: 1029410
Conc: 33.66 ng/ml



#10 AR-1221-3

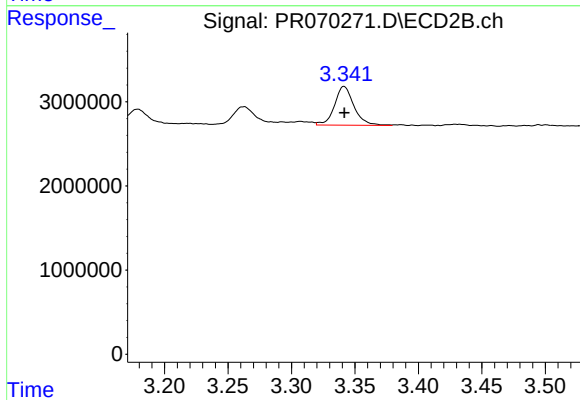
R.T.: 3.341 min
Delta R.T.: 0.000 min
Response: 4899611
Conc: 31.47 ng/ml



#11 AR-1232-1

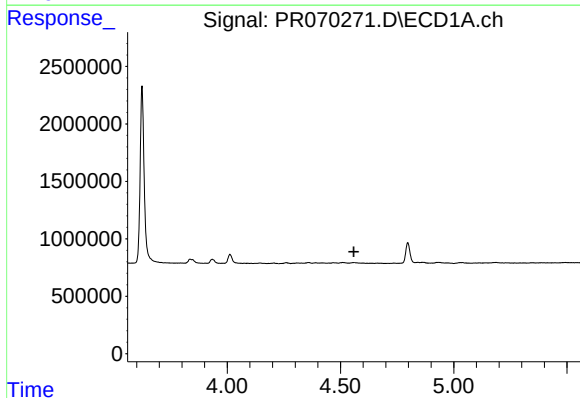
R.T.: 4.012 min
Delta R.T.: 0.000 min
Response: 1029410
Conc: 43.40 ng/ml

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



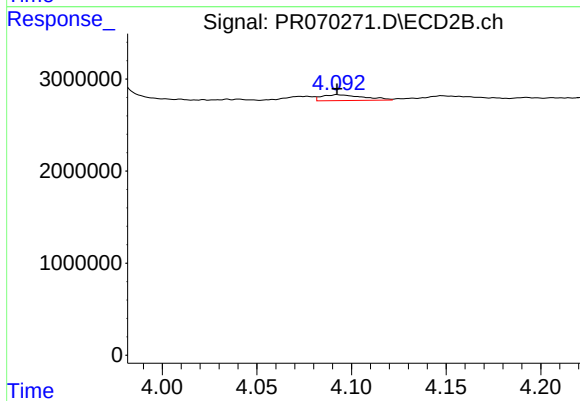
#11 AR-1232-1

R.T.: 3.341 min
Delta R.T.: 0.000 min
Response: 4899611
Conc: 40.97 ng/ml



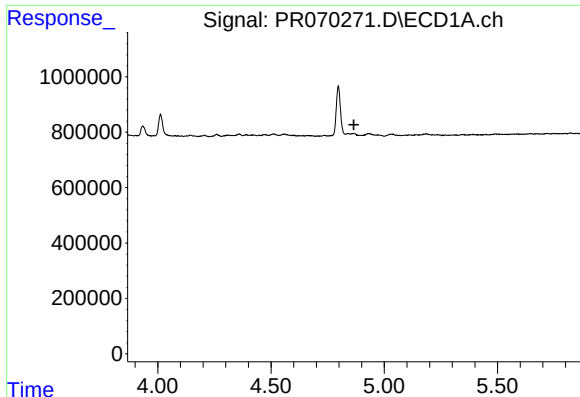
#12 AR-1232-2

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



#12 AR-1232-2

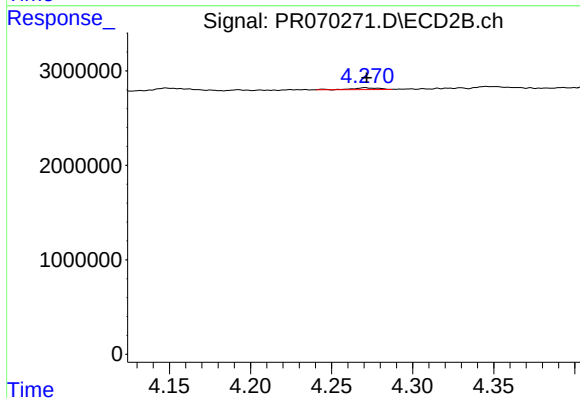
R.T.: 4.093 min
Delta R.T.: 0.000 min
Response: 961970
Conc: 8.67 ng/ml



#13 AR-1232-3

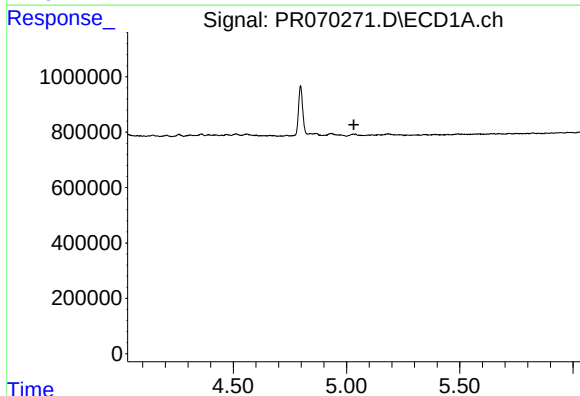
R.T.: 0.000 min
Exp R.T.: 4.866 min
Response: 0
Conc: N.D.

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



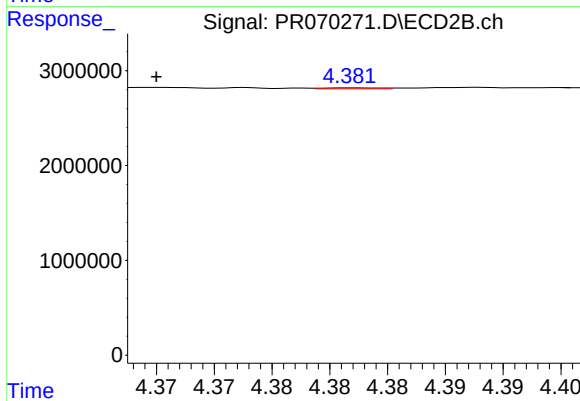
#13 AR-1232-3

R.T.: 4.271 min
Delta R.T.: -0.001 min
Response: 213706
Conc: 3.70 ng/ml



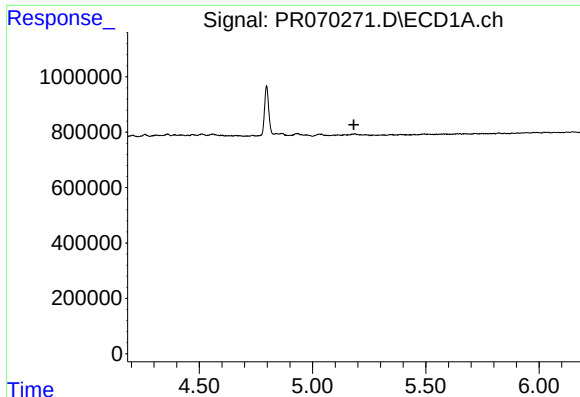
#14 AR-1232-4

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



#14 AR-1232-4

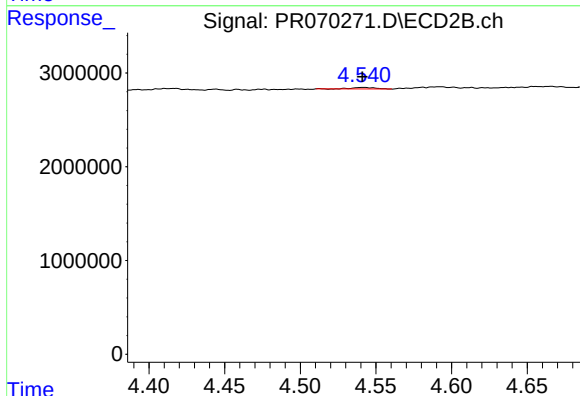
R.T.: 4.383 min
Delta R.T.: 0.018 min
Response: 31684
Conc: 0.60 ng/ml



#15 AR-1232-5

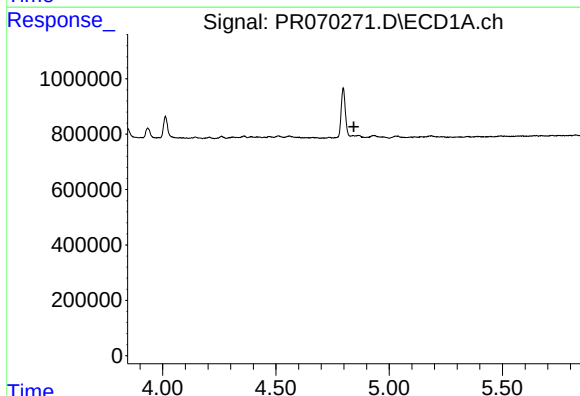
R.T.: 0.000 min
Exp R.T.: 5.183 min
Response: 0
Conc: N.D.

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



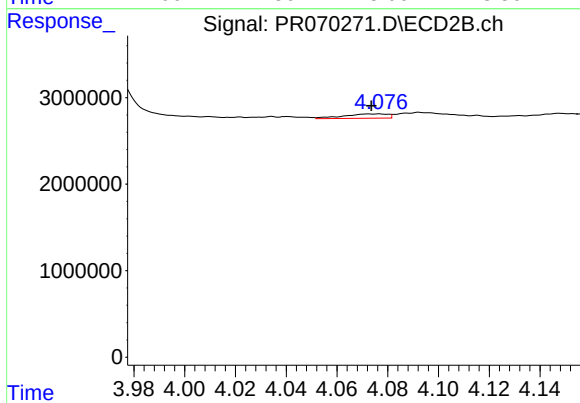
#15 AR-1232-5

R.T.: 4.542 min
Delta R.T.: 0.000 min
Response: 182536
Conc: 3.19 ng/ml



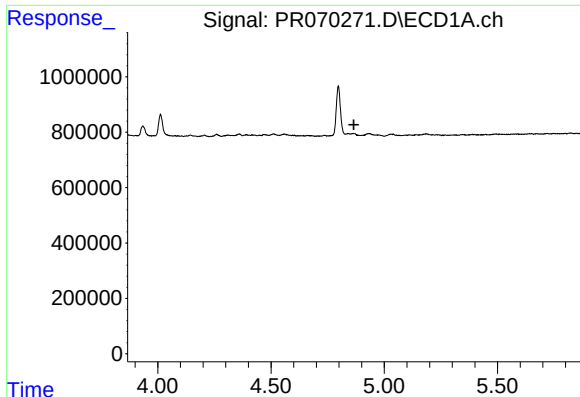
#16 AR-1242-1

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



#16 AR-1242-1

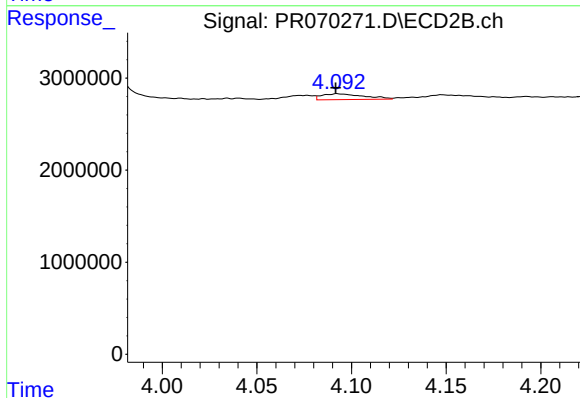
R.T.: 4.075 min
Delta R.T.: 0.002 min
Response: 601699
Conc: 4.65 ng/ml



#17 AR-1242-2

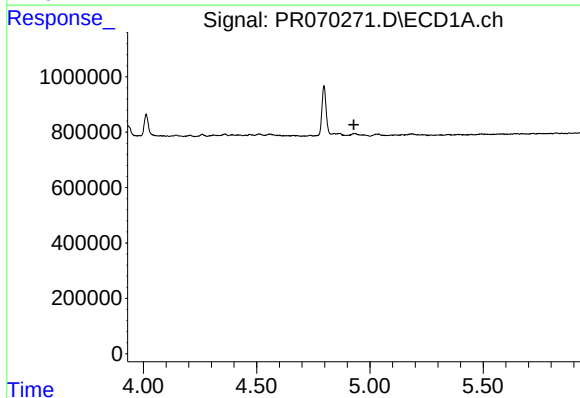
R.T.: 0.000 min
Exp R.T.: 4.866 min
Response: 0
Conc: N.D.

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



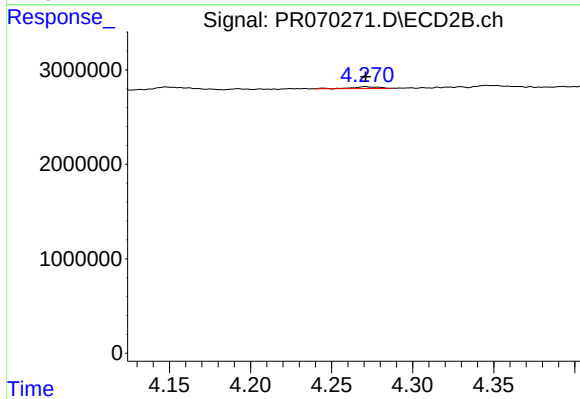
#17 AR-1242-2

R.T.: 4.093 min
Delta R.T.: 0.001 min
Response: 961970
Conc: 4.95 ng/ml



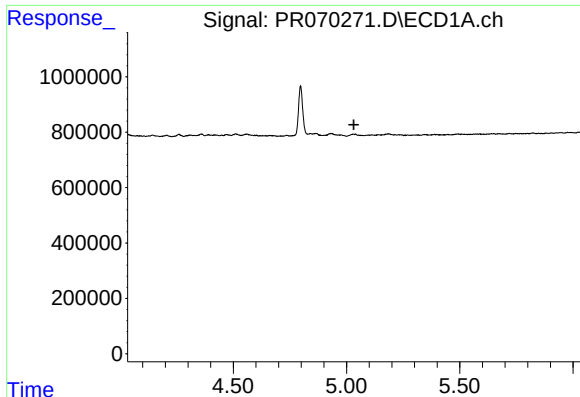
#18 AR-1242-3

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



#18 AR-1242-3

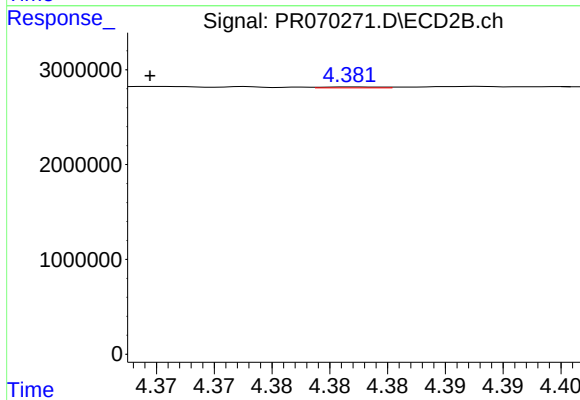
R.T.: 4.271 min
Delta R.T.: 0.000 min
Response: 213706
Conc: 2.05 ng/ml



#19 AR-1242-4

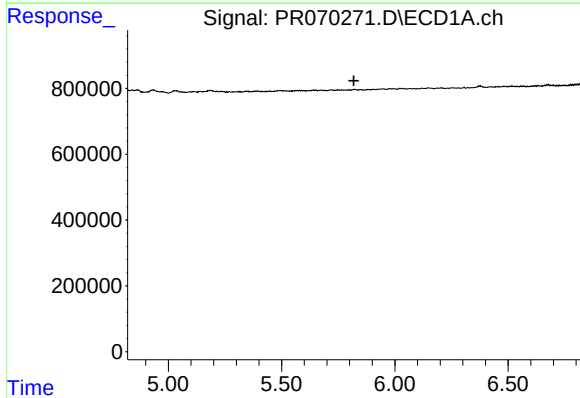
R.T.: 0.000 min
Exp R.T.: 5.032 min
Response: 0
Conc: N.D.

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



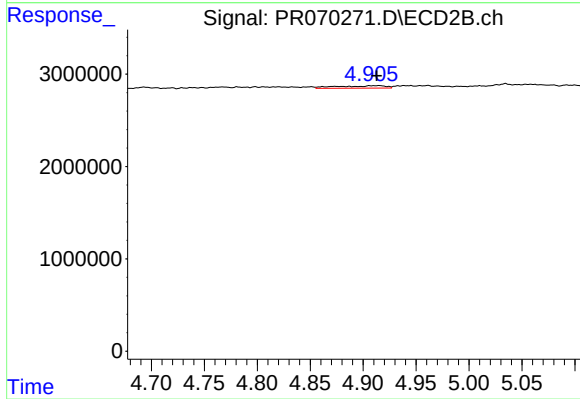
#19 AR-1242-4

R.T.: 4.383 min
Delta R.T.: 0.018 min
Response: 31684
Conc: 0.31 ng/ml



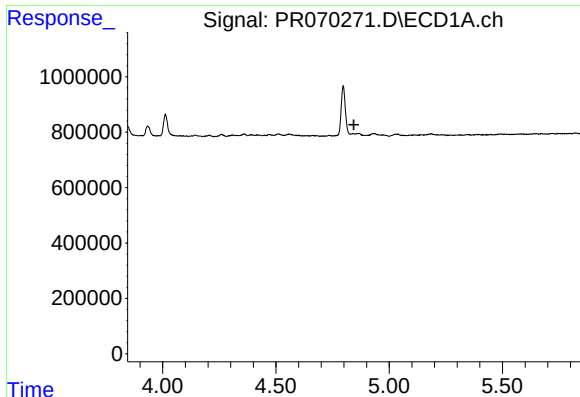
#20 AR-1242-5

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



#20 AR-1242-5

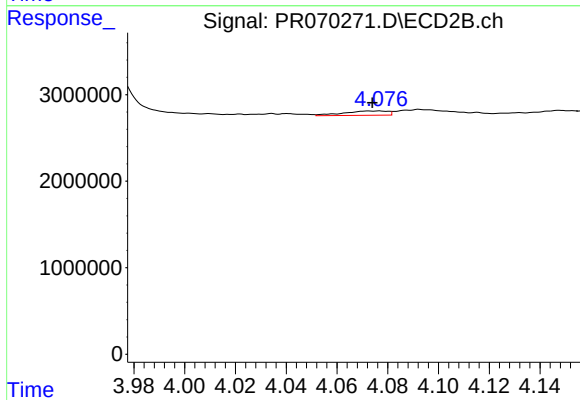
R.T.: 4.915 min
Delta R.T.: 0.002 min
Response: 854260
Conc: 7.45 ng/ml



#21 AR-1248-1

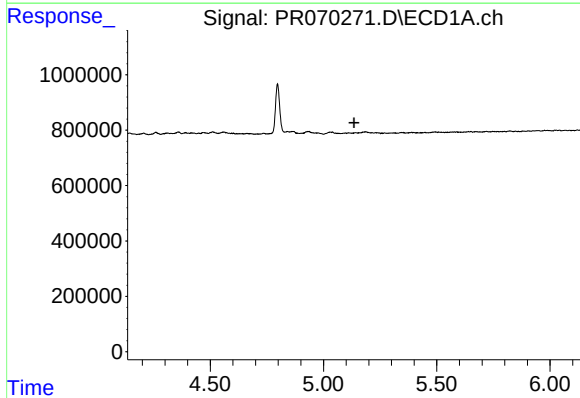
R.T.: 0.000 min
Exp R.T.: 4.844 min
Response: 0
Conc: N.D.

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



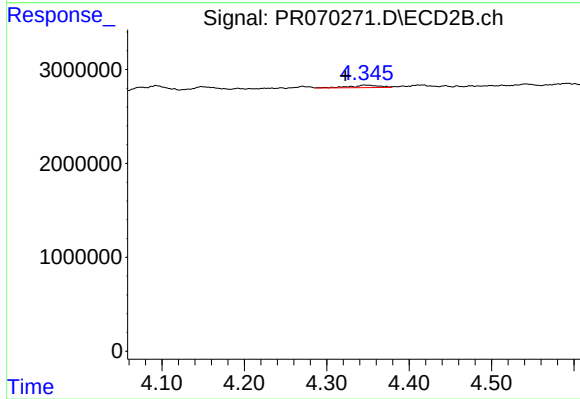
#21 AR-1248-1

R.T.: 4.075 min
Delta R.T.: 0.002 min
Response: 601699
Conc: 6.24 ng/ml



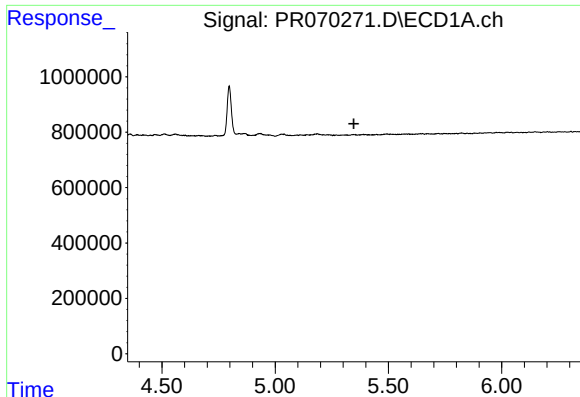
#22 AR-1248-2

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



#22 AR-1248-2

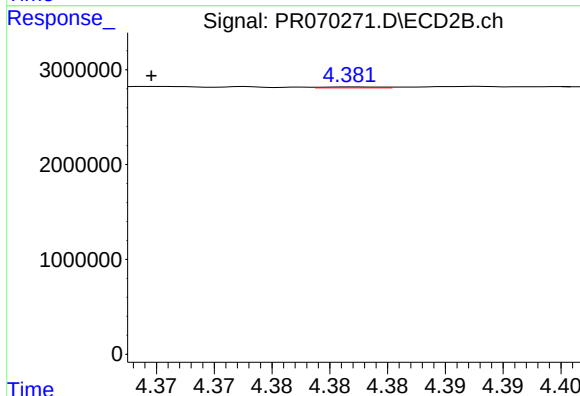
R.T.: 4.346 min
Delta R.T.: 0.023 min
Response: 643068
Conc: 4.43 ng/ml



#23 AR-1248-3

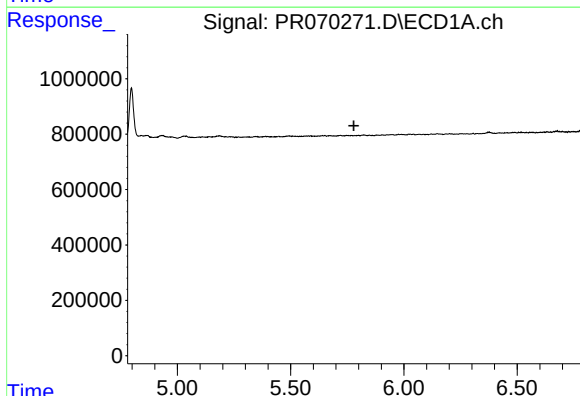
R.T.: 0.000 min
Exp R.T.: 5.347 min
Response: 0
Conc: N.D.

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



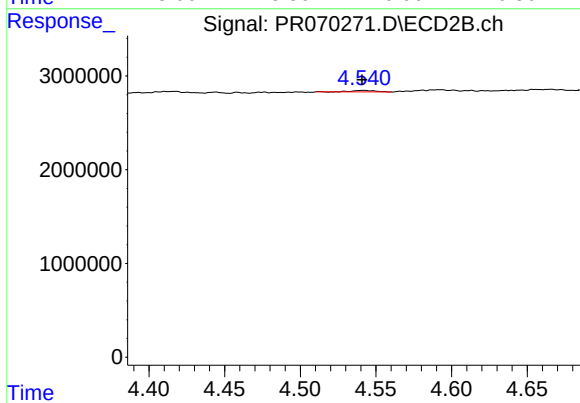
#23 AR-1248-3

R.T.: 4.383 min
Delta R.T.: 0.018 min
Response: 31684
Conc: 0.21 ng/ml



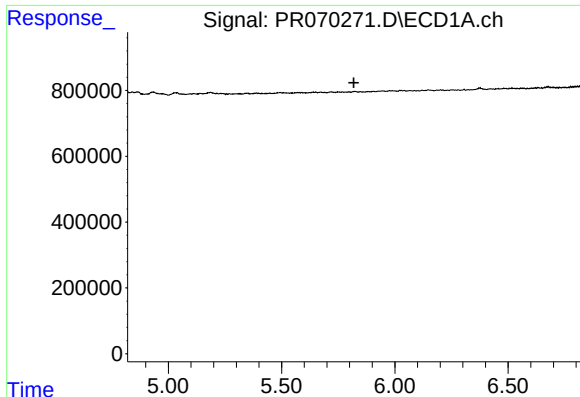
#24 AR-1248-4

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



#24 AR-1248-4

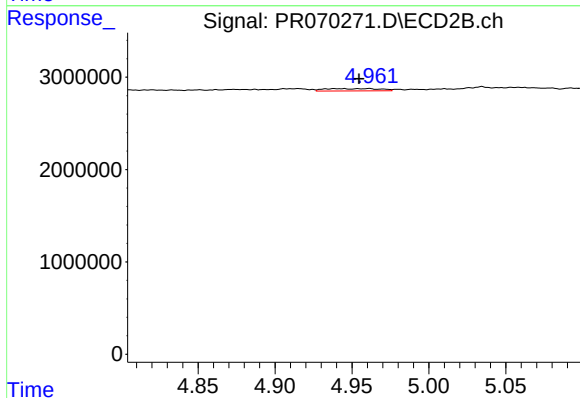
R.T.: 4.542 min
Delta R.T.: 0.000 min
Response: 182536
Conc: 1.04 ng/ml



#25 AR-1248-5

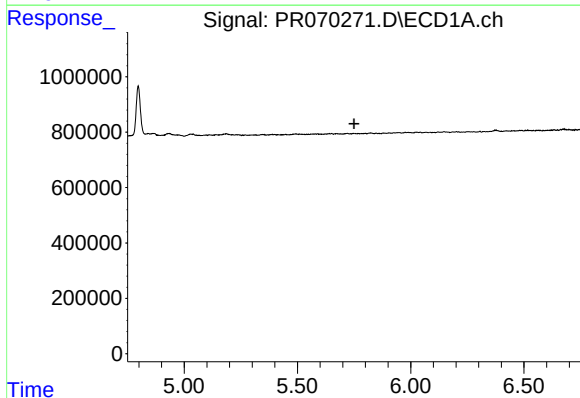
R.T.: 0.000 min
Exp R.T.: 5.819 min
Response: 0
Conc: N.D.

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



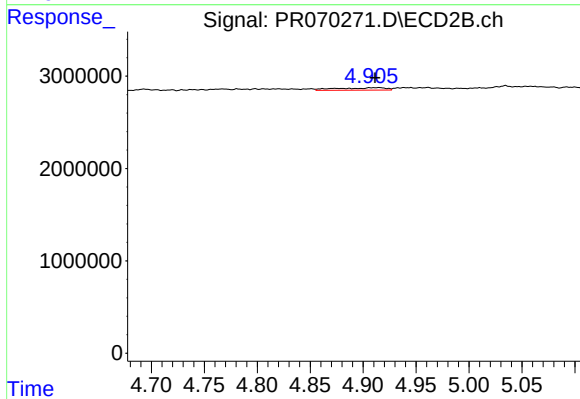
#25 AR-1248-5

R.T.: 4.961 min
Delta R.T.: 0.006 min
Response: 630351
Conc: 4.20 ng/ml



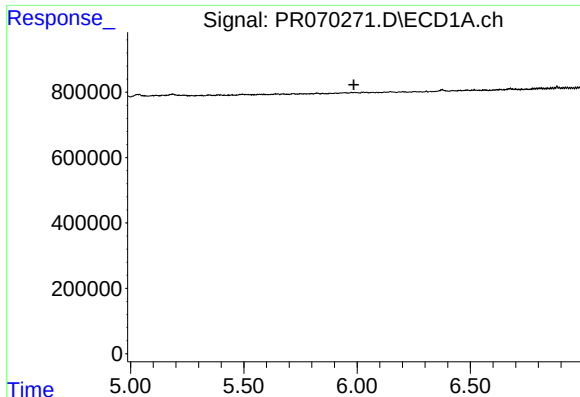
#26 AR-1254-1

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



#26 AR-1254-1

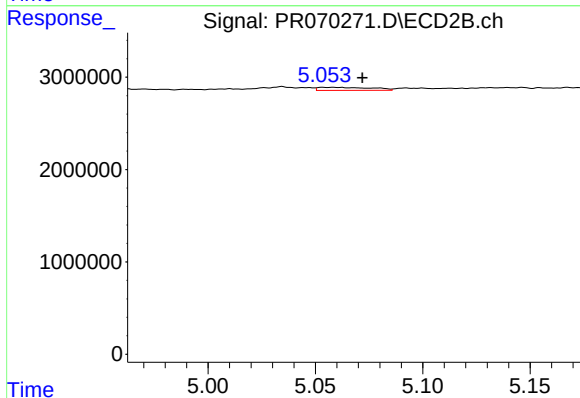
R.T.: 4.915 min
Delta R.T.: 0.004 min
Response: 854260
Conc: 3.38 ng/ml



#27 AR-1254-2

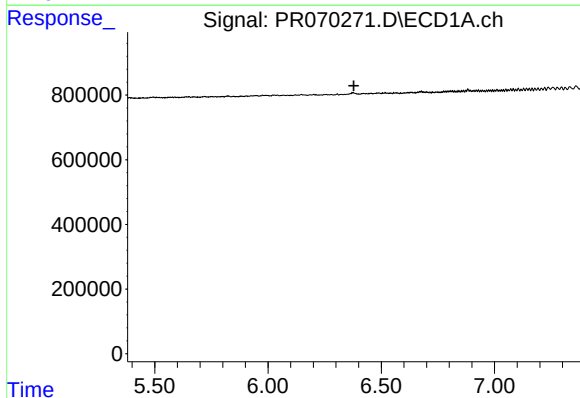
R.T.: 0.000 min
Exp R.T.: 5.986 min
Response: 0
Conc: N.D.

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



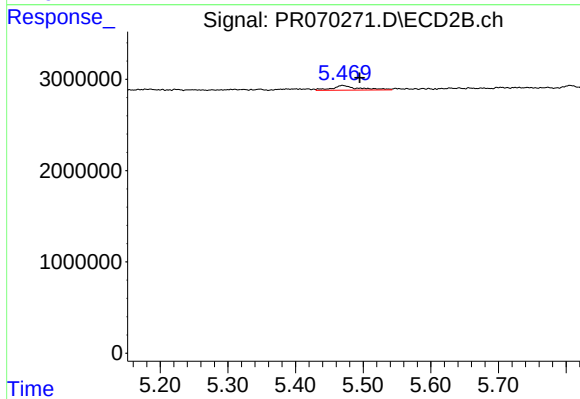
#27 AR-1254-2

R.T.: 5.054 min
Delta R.T.: -0.018 min
Response: 568021
Conc: 2.61 ng/ml



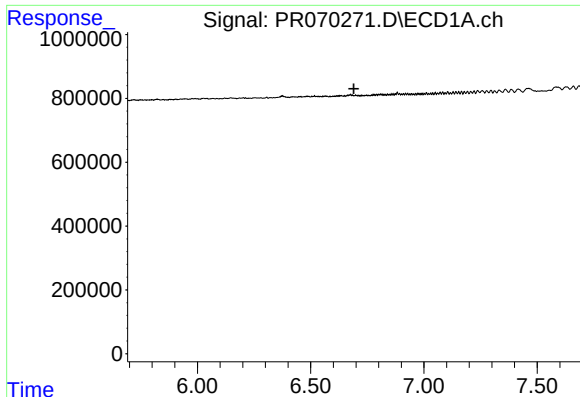
#28 AR-1254-3

R.T.: 0.000 min
Exp R.T.: 6.379 min
Response: 0
Conc: N.D.



#28 AR-1254-3

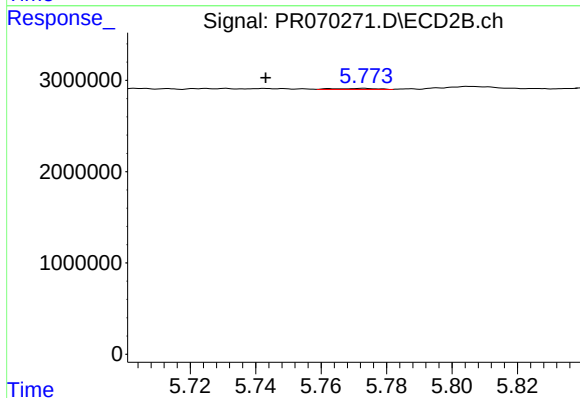
R.T.: 5.470 min
Delta R.T.: -0.025 min
Response: 1394898
Conc: 4.37 ng/ml



#29 AR-1254-4

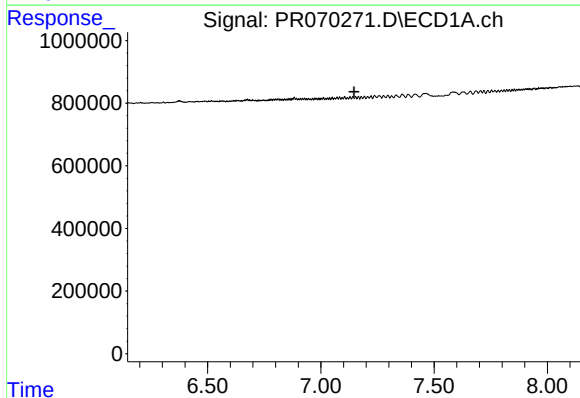
R.T.: 0.000 min
Exp R.T.: 6.691 min
Response: 0
Conc: N.D.

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



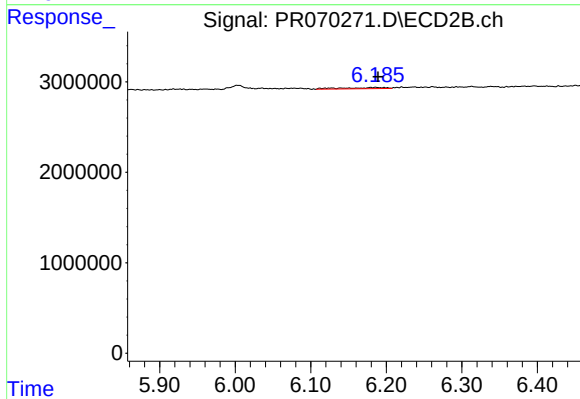
#29 AR-1254-4

R.T.: 5.772 min
Delta R.T.: 0.029 min
Response: 105851
Conc: 0.66 ng/ml



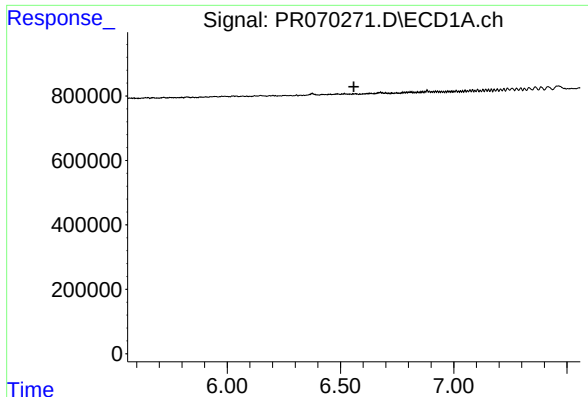
#30 AR-1254-5

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



#30 AR-1254-5

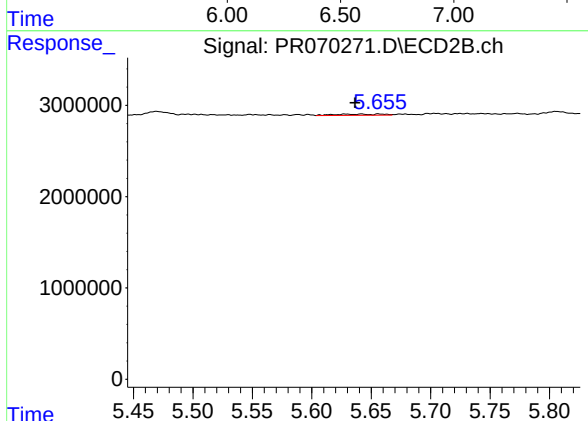
R.T.: 6.186 min
Delta R.T.: -0.003 min
Response: 568726
Conc: 2.19 ng/ml



#31 AR-1260-1

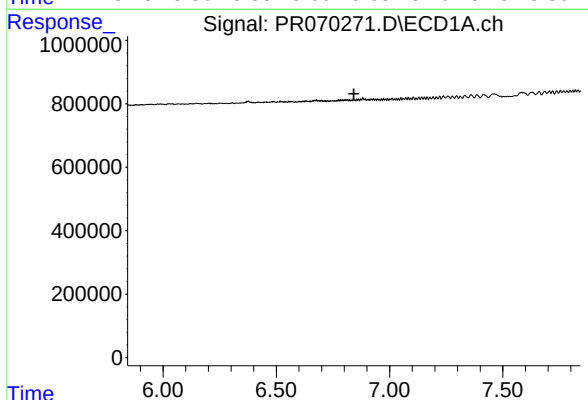
R.T.: 0.000 min
Exp R.T.: 6.559 min
Response: 0
Conc: N.D.

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



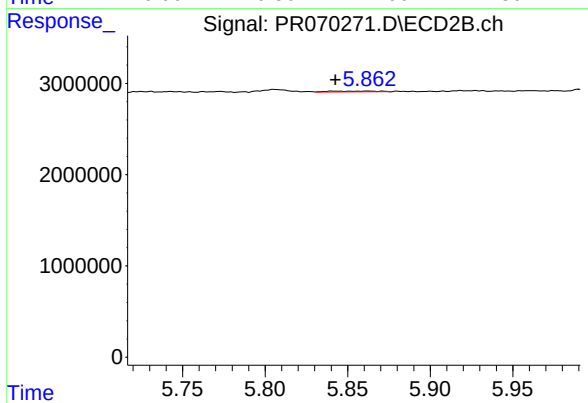
#31 AR-1260-1

R.T.: 5.642 min
Delta R.T.: 0.005 min
Response: 360284
Conc: 1.64 ng/ml



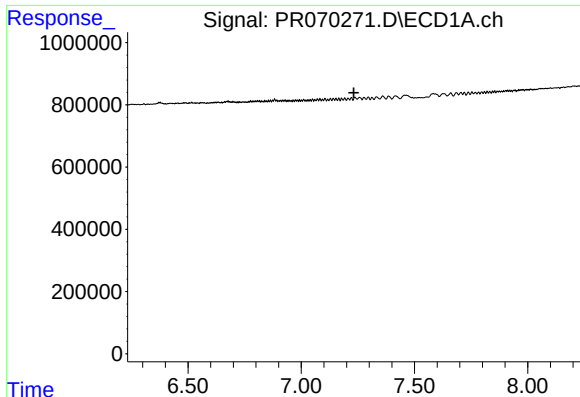
#32 AR-1260-2

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



#32 AR-1260-2

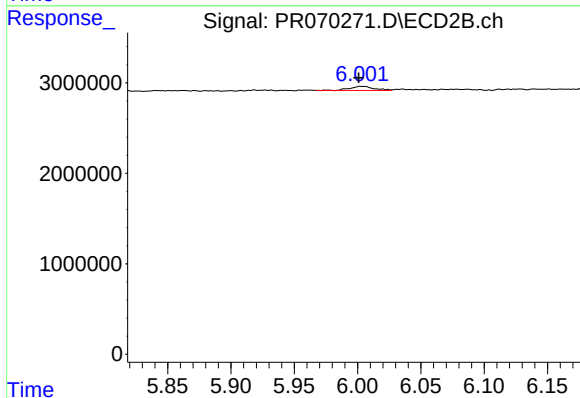
R.T.: 5.862 min
Delta R.T.: 0.019 min
Response: 178181
Conc: 0.72 ng/ml



#33 AR-1260-3

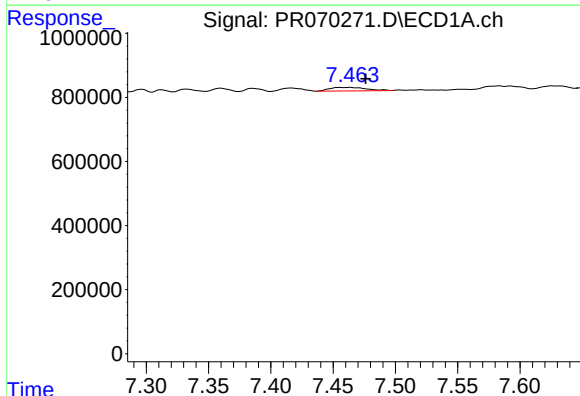
R.T.: 0.000 min
Exp R.T.: 7.233 min
Response: 0
Conc: N.D.

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



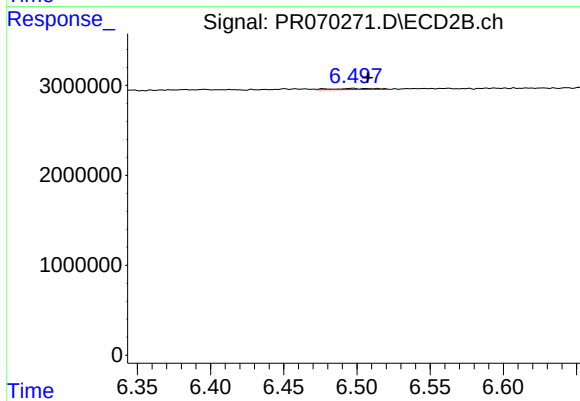
#33 AR-1260-3

R.T.: 6.004 min
Delta R.T.: 0.003 min
Response: 598855
Conc: 2.51 ng/ml



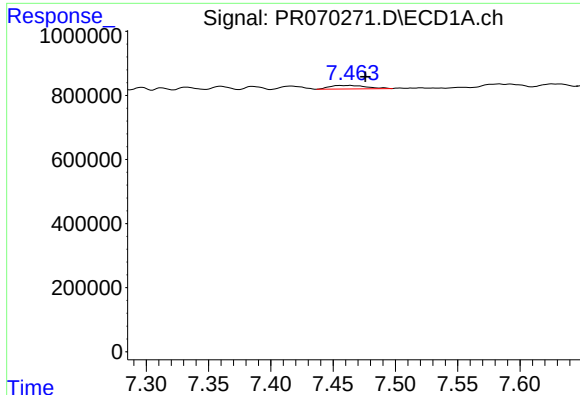
#34 AR-1260-4

R.T.: 7.463 min
Delta R.T.: -0.013 min
Response: 218432
Conc: 5.48 ng/ml



#34 AR-1260-4

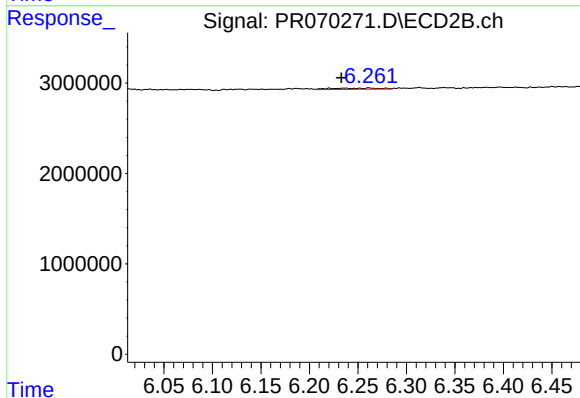
R.T.: 6.497 min
Delta R.T.: -0.011 min
Response: 272676
Conc: 1.38 ng/ml



#36 AR-1262-1

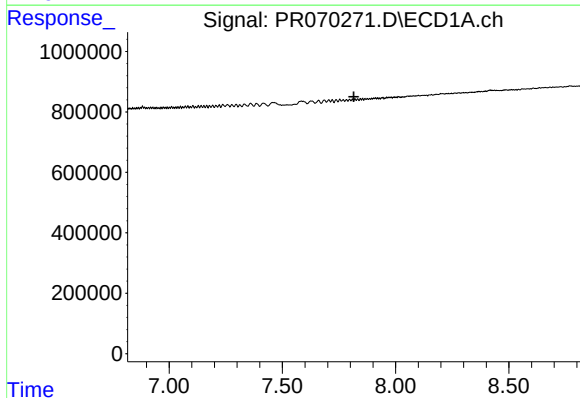
R.T.: 7.463 min
Delta R.T.: -0.013 min
Response: 218432
Conc: 4.33 ng/ml

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



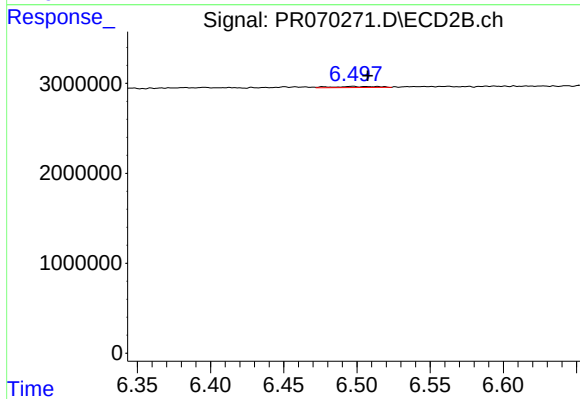
#36 AR-1262-1

R.T.: 6.262 min
Delta R.T.: 0.029 min
Response: 473404
Conc: 1.54 ng/ml



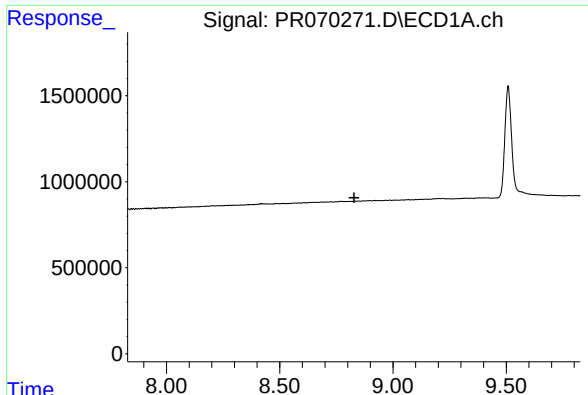
#37 AR-1262-2

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



#37 AR-1262-2

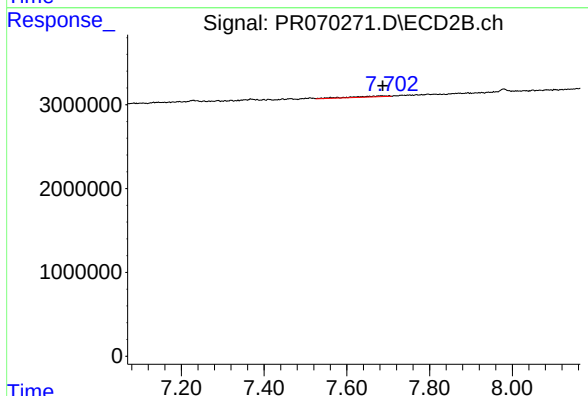
R.T.: 6.497 min
Delta R.T.: -0.011 min
Response: 272676
Conc: 1.01 ng/ml



#40 AR-1262-5

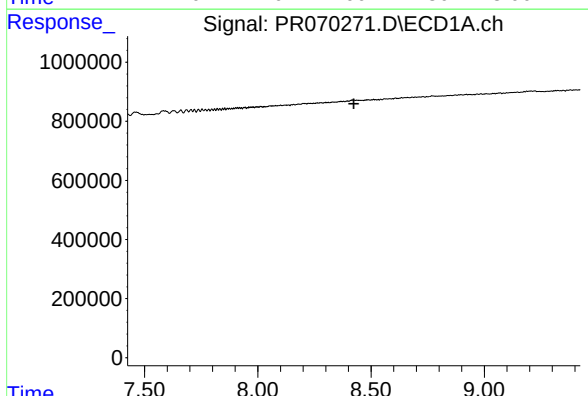
R.T.: 0.000 min
Exp R.T.: 8.828 min
Response: 0
Conc: N.D.

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



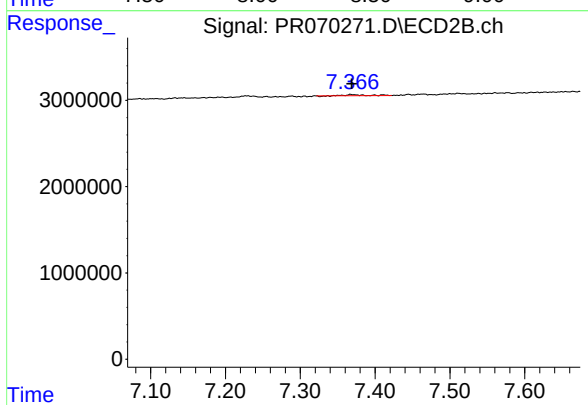
#40 AR-1262-5

R.T.: 7.682 min
Delta R.T.: -0.005 min
Response: 720310
Conc: 4.72 ng/ml



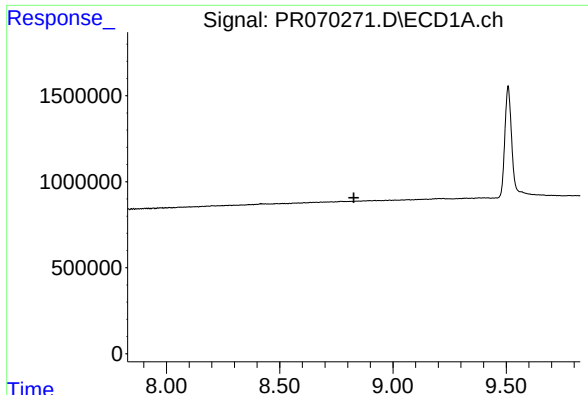
#43 AR-1268-3

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



#43 AR-1268-3

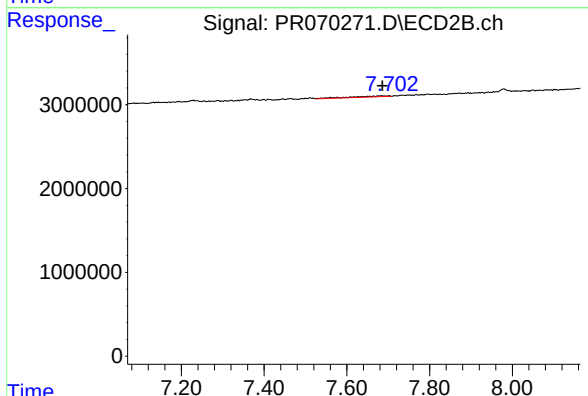
R.T.: 7.369 min
Delta R.T.: 0.000 min
Response: 163002
Conc: 0.33 ng/ml



#44 AR-1268-4

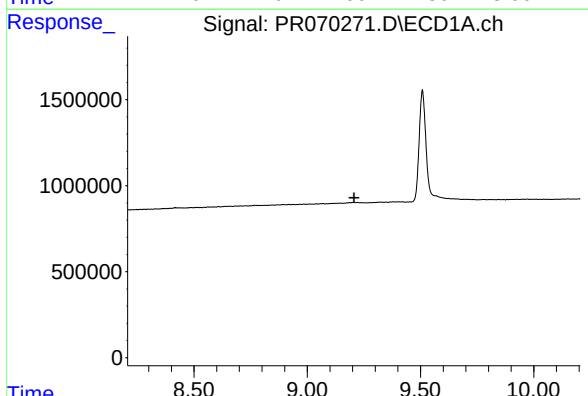
R.T.: 0.000 min
Exp R.T.: 8.828 min
Response: 0
Conc: N.D.

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



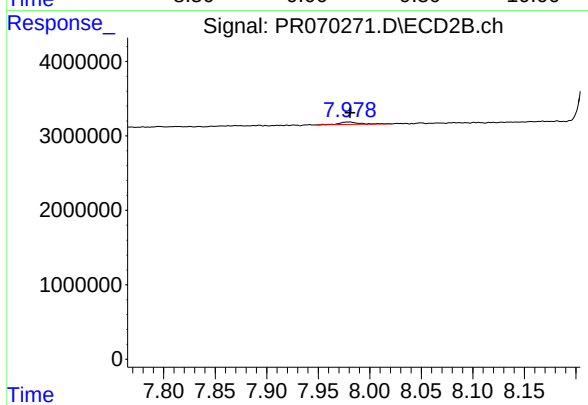
#44 AR-1268-4

R.T.: 7.682 min
Delta R.T.: -0.004 min
Response: 720310
Conc: 4.21 ng/ml



#45 AR-1268-5

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



#45 AR-1268-5

R.T.: 7.979 min
Delta R.T.: -0.002 min
Response: 446617
Conc: 0.32 ng/ml