

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR021025\
 Data File : PR070256.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Feb 2025 17:08
 Operator : AJ\MA
 Sample : Q1168-01
 Misc : AR1268 LOD 25 PPB
 ALS Vial : 24 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 00:46:19 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...	3.625	2.956	18100776	94868319	16.030	16.269
2) SA Decachlor...	9.510	8.224	13218114	75301691	18.490	18.391
Target Compounds						
3) L1 AR-1016-1	0.000	4.075	0	135070	N.D.	0.856 #
4) L1 AR-1016-2	0.000	4.075f	0	135070	N.D.	0.567 #
6) L1 AR-1016-4	0.000	4.326	0	68722	N.D.	0.625 #
8) L2 AR-1221-1	3.836	0.000	258879	0	19.832	N.D. #
9) L2 AR-1221-2	3.936	3.259	311192	1197319	31.874	23.383 #
10) L2 AR-1221-3	0.000	3.336	0	221600	N.D.	1.423 #
11) L3 AR-1232-1	0.000	3.336	0	221600	N.D.	1.853 #
12) L3 AR-1232-2	0.000	4.075f	0	135070	N.D.	1.217 #
14) L3 AR-1232-4	0.000	4.358	0	59380	N.D.	1.119 #
16) L4 AR-1242-1	0.000	4.075	0	135070	N.D.	1.044 #
17) L4 AR-1242-2	0.000	4.075f	0	135070	N.D.	0.694 #
19) L4 AR-1242-4	0.000	4.358	0	59380	N.D.	0.579 #
20) L4 AR-1242-5	0.000	4.907	0	2149579	N.D.	18.759 #
21) L5 AR-1248-1	0.000	4.075	0	135070	N.D.	1.400 #
22) L5 AR-1248-2	0.000	4.326	0	68722	N.D.	0.474 #
23) L5 AR-1248-3	0.000	4.358	0	59380	N.D.	0.401 #
25) L5 AR-1248-5	0.000	4.944	0	1897174	N.D.	12.635 #
26) L6 AR-1254-1	0.000	4.907	0	2149579	N.D.	8.505 #
27) L6 AR-1254-2	0.000	5.085	0	261042	N.D.	1.198 #
28) L6 AR-1254-3	6.371	5.495	905760	322350	16.951	1.010 #
29) L6 AR-1254-4	0.000	5.743	0	146458	N.D.	0.910 #
30) L6 AR-1254-5	7.170f	6.188	353079	316428	9.145	1.217 #
31) L7 AR-1260-1	0.000	5.623	0	347597	N.D.	1.580 #
32) L7 AR-1260-2	0.000	5.850	0	123865	N.D.	0.503 #
33) L7 AR-1260-3	7.233	6.000	602588	505111	16.168	2.119 #
34) L7 AR-1260-4	7.498f	6.504	703472	2874260	17.661	14.591
35) L7 AR-1260-5	7.817	6.774	429503	1184679	6.679	2.879 #
36) L8 AR-1262-1	7.498f	6.233	703472	2069848	13.947	6.723 #
37) L8 AR-1262-2	7.817	6.504	429503	2874260	5.683	10.640 #
38) L8 AR-1262-3	8.119	7.078	1731223	9483772	32.440	48.349 #
39) L8 AR-1262-4	8.209	7.148	1468127	8841864	33.353	24.532 #
40) L8 AR-1262-5	8.826	7.685	434956	3203559	17.987	21.007
41) L9 AR-1268-1	8.119	7.078	1731223	9483772	17.736	16.594
42) L9 AR-1268-2	8.209	7.148	1468127	8841864	16.445	16.882
43) L9 AR-1268-3	8.424	7.368	1403689	8462973	17.701	17.304
44) L9 AR-1268-4	8.826	7.685	434956	3203559	16.327	18.722
45) L9 AR-1268-5	9.206	7.980	3717153	22205769	17.589	16.008

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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 11 00:46:19 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

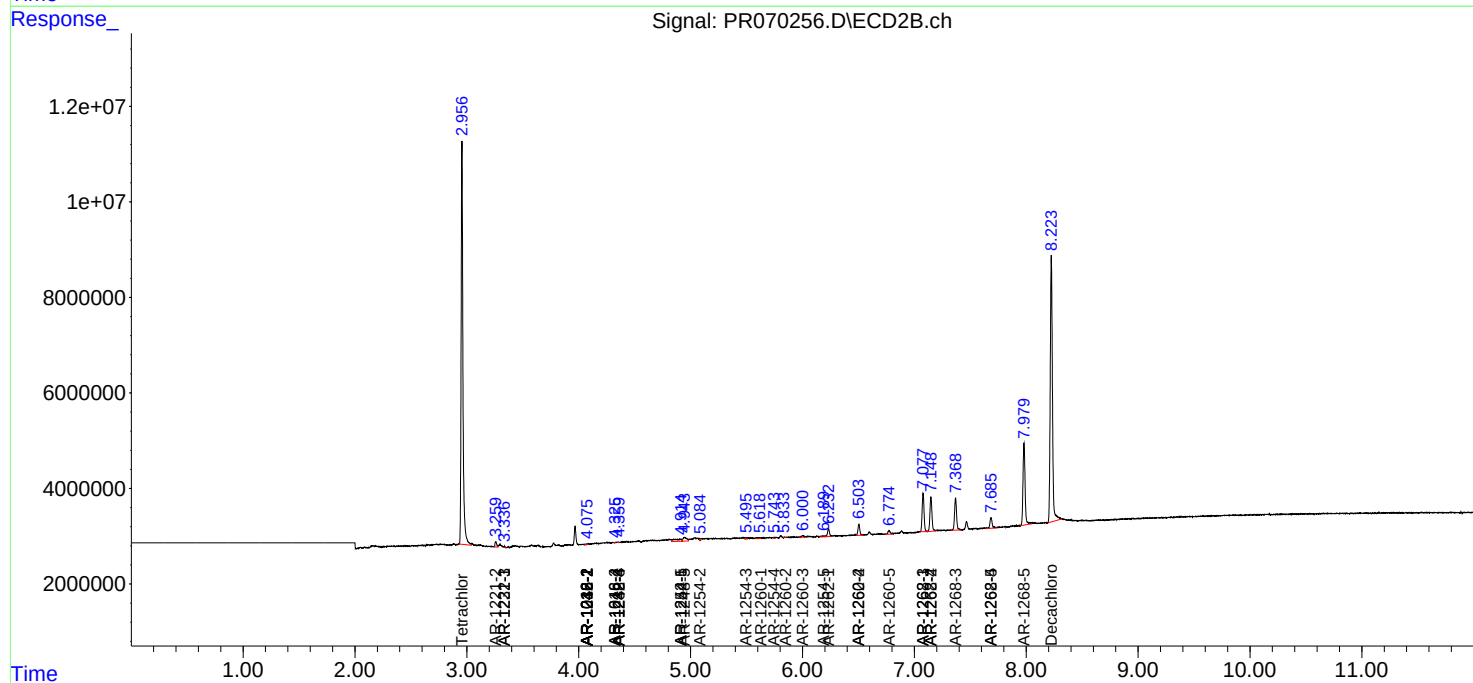
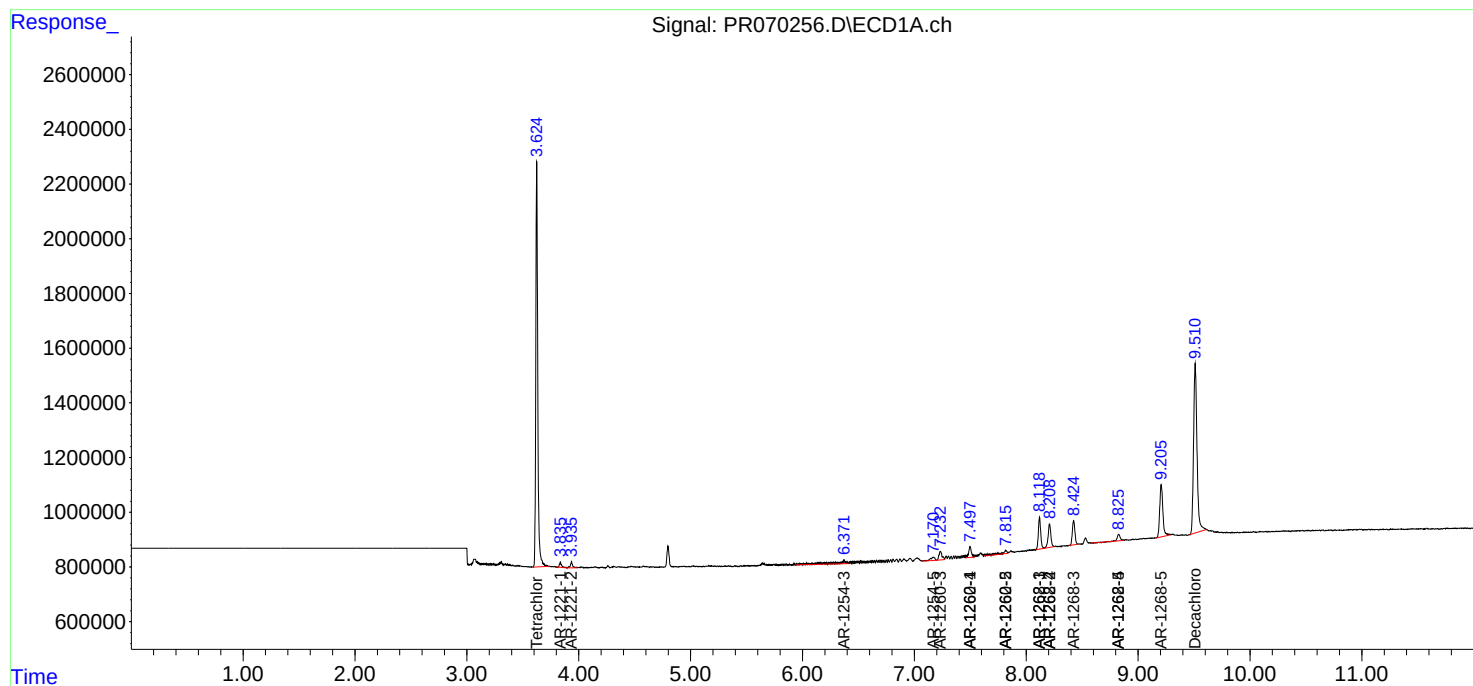
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.						

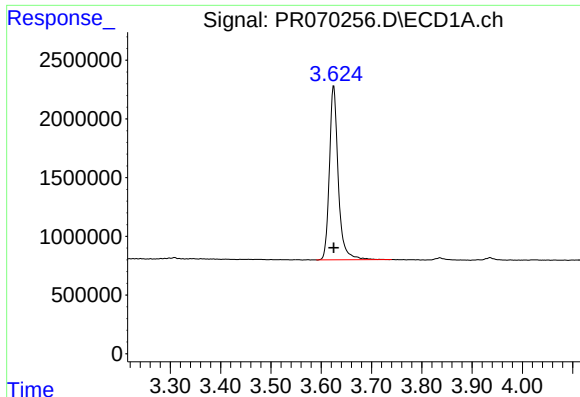
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR021025\
Data File : PR070256.D
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Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

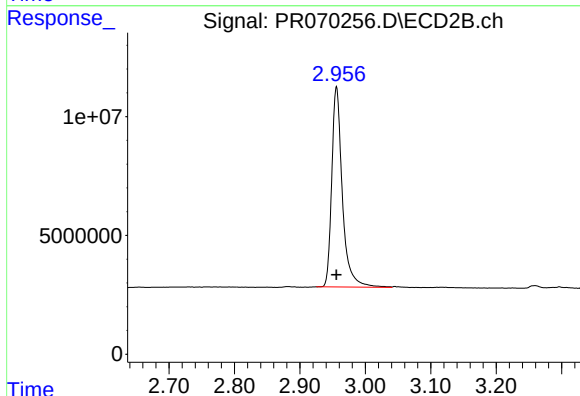




#1 Tetrachloro-m-xylene

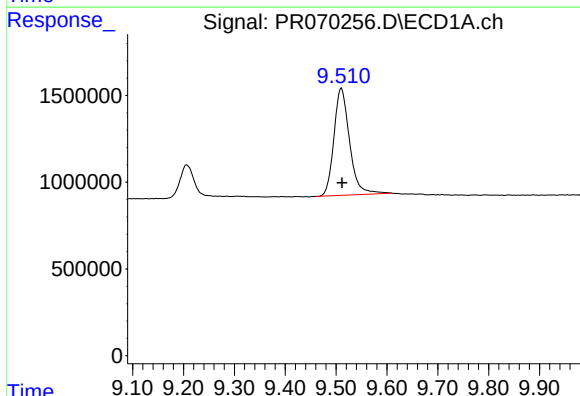
R.T.: 3.625 min
Delta R.T.: 0.000 min
Response: 18100776
Conc: 16.03 ng/ml

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



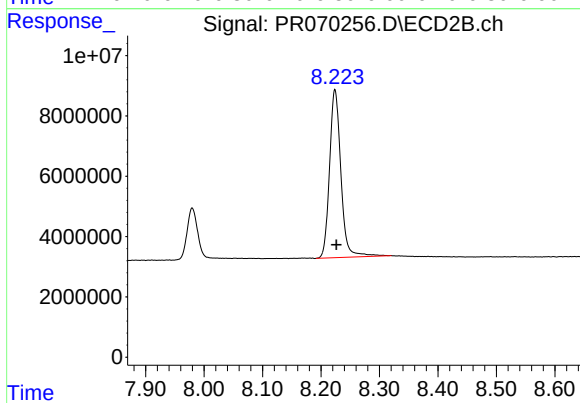
#1 Tetrachloro-m-xylene

R.T.: 2.956 min
Delta R.T.: 0.000 min
Response: 94868319
Conc: 16.27 ng/ml



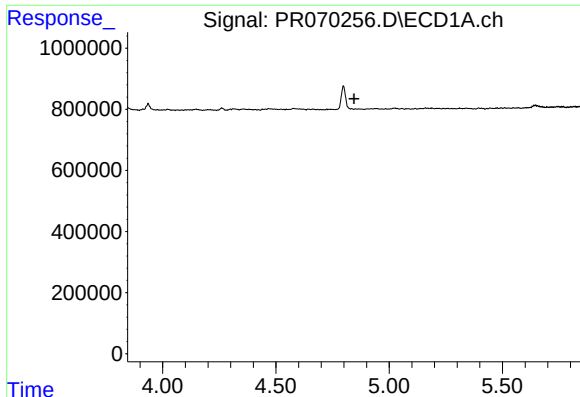
#2 Decachlorobiphenyl

R.T.: 9.510 min
Delta R.T.: -0.002 min
Response: 13218114
Conc: 18.49 ng/ml



#2 Decachlorobiphenyl

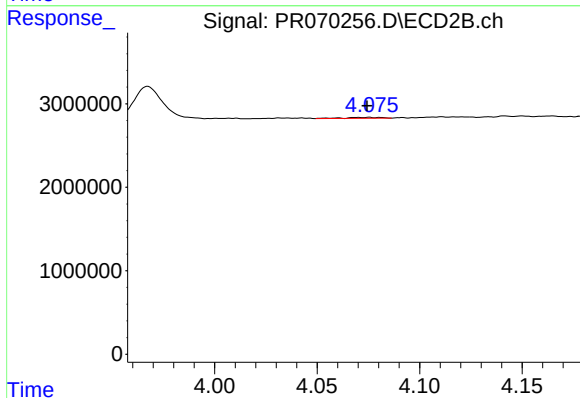
R.T.: 8.224 min
Delta R.T.: -0.002 min
Response: 75301691
Conc: 18.39 ng/ml



#3 AR-1016-1

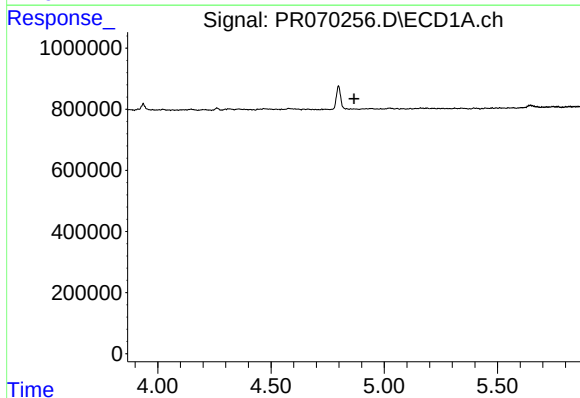
R.T.: 0.000 min
Exp R.T.: 4.845 min
Response: 0
Conc: N.D.

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



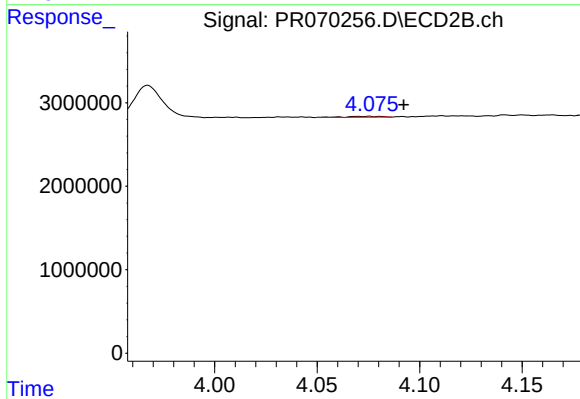
#3 AR-1016-1

R.T.: 4.075 min
Delta R.T.: 0.001 min
Response: 135070
Conc: 0.86 ng/ml



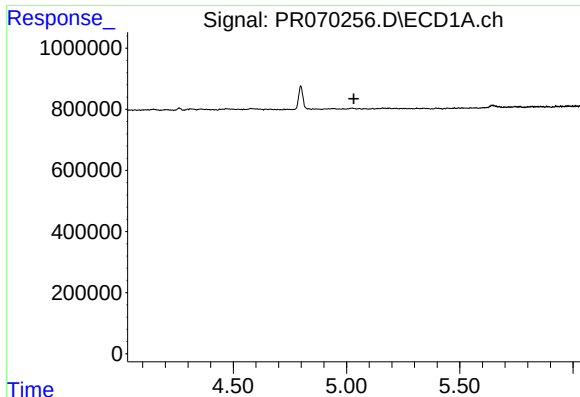
#4 AR-1016-2

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



#4 AR-1016-2

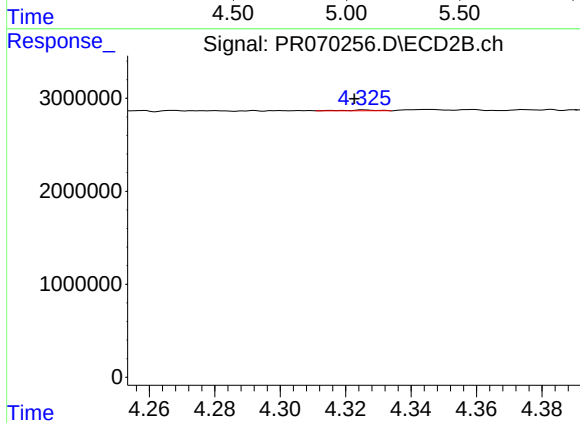
R.T.: 4.075 min
Delta R.T.: -0.017 min
Response: 135070
Conc: 0.57 ng/ml



#6 AR-1016-4

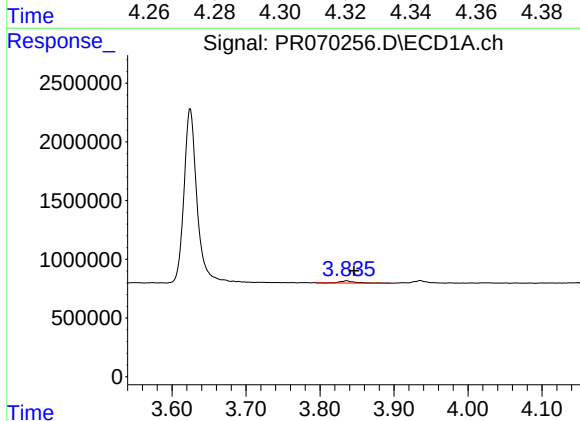
R.T.: 0.000 min
Exp R.T.: 5.032 min
Response: 0
Conc: N.D.

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



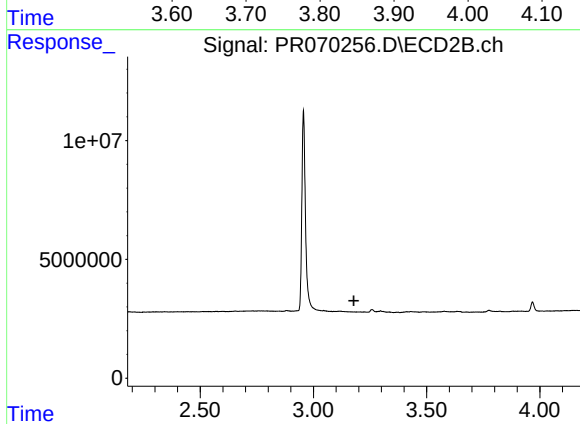
#6 AR-1016-4

R.T.: 4.326 min
Delta R.T.: 0.003 min
Response: 68722
Conc: 0.63 ng/ml



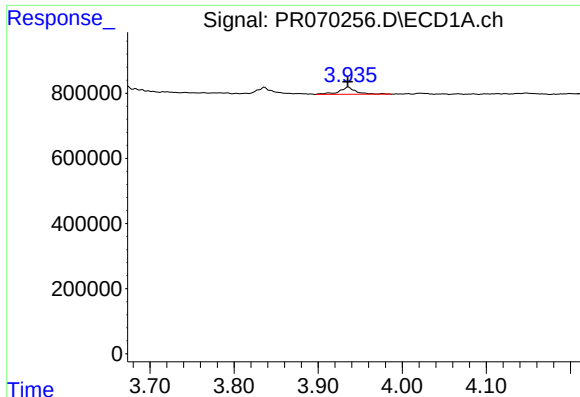
#8 AR-1221-1

R.T.: 3.836 min
Delta R.T.: -0.010 min
Response: 258879
Conc: 19.83 ng/ml



#8 AR-1221-1

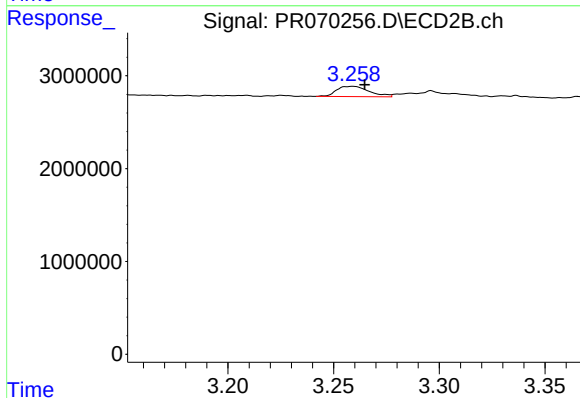
R.T.: 0.000 min
Exp R.T.: 3.179 min
Response: 0
Conc: N.D.



#9 AR-1221-2

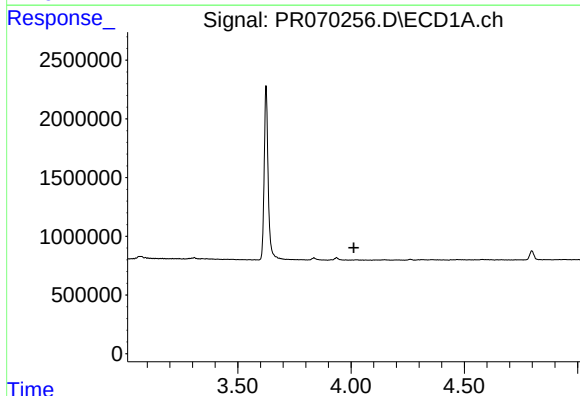
R.T.: 3.936 min
Delta R.T.: 0.000 min
Response: 311192
Conc: 31.87 ng/ml

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



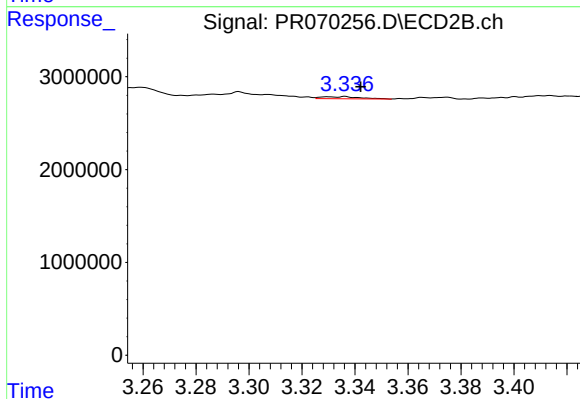
#9 AR-1221-2

R.T.: 3.259 min
Delta R.T.: -0.006 min
Response: 1197319
Conc: 23.38 ng/ml



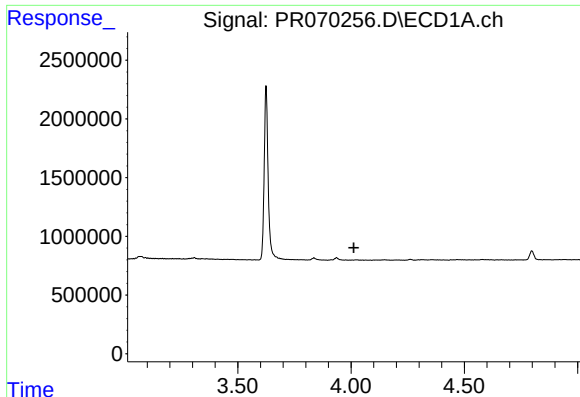
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.012 min
Response: 0
Conc: N.D.



#10 AR-1221-3

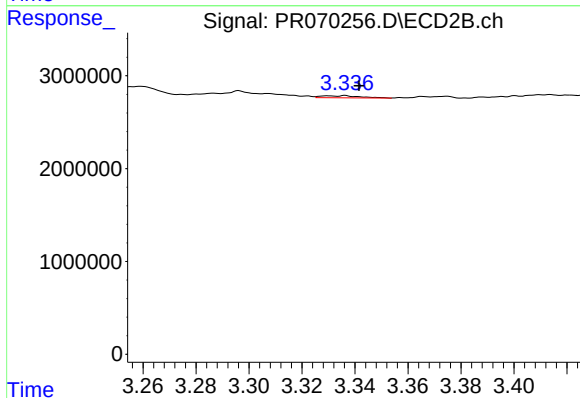
R.T.: 3.336 min
Delta R.T.: -0.006 min
Response: 221600
Conc: 1.42 ng/ml



#11 AR-1232-1

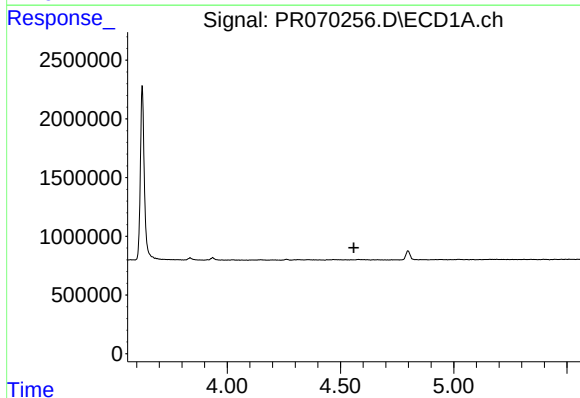
R.T.: 0.000 min
Exp R.T.: 4.012 min
Response: 0
Conc: N.D.

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



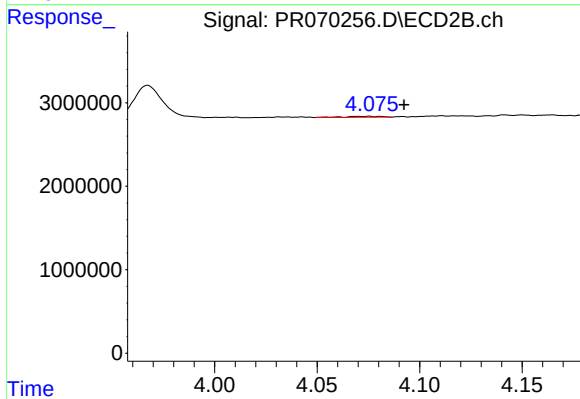
#11 AR-1232-1

R.T.: 3.336 min
Delta R.T.: -0.005 min
Response: 221600
Conc: 1.85 ng/ml



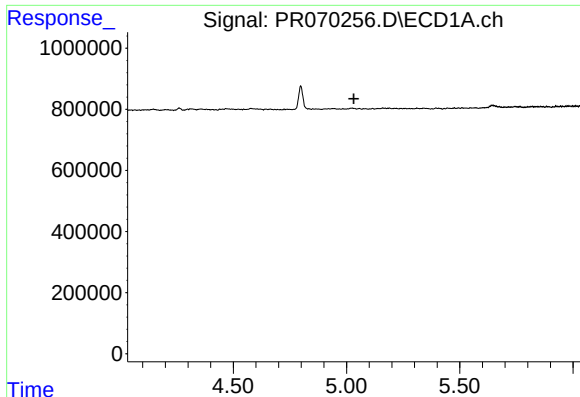
#12 AR-1232-2

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



#12 AR-1232-2

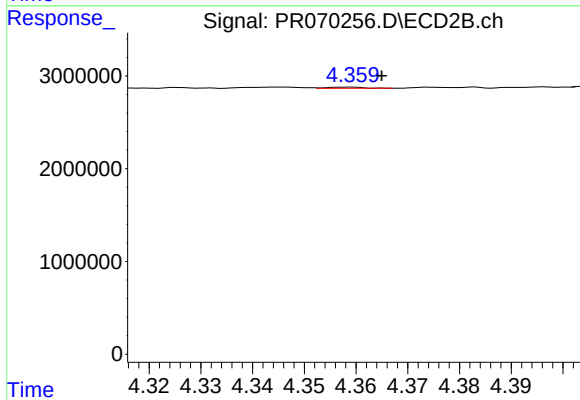
R.T.: 4.075 min
Delta R.T.: -0.017 min
Response: 135070
Conc: 1.22 ng/ml



#14 AR-1232-4

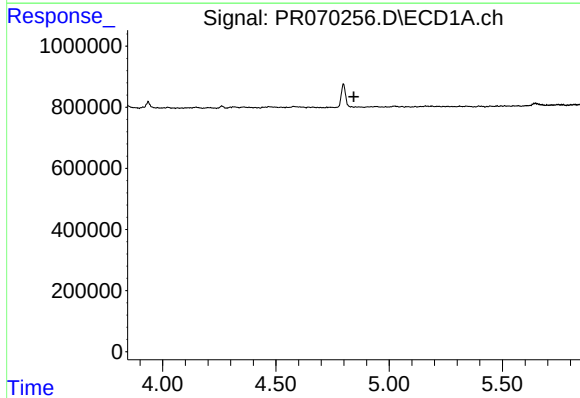
R.T.: 0.000 min
Exp R.T.: 5.032 min
Response: 0
Conc: N.D.

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



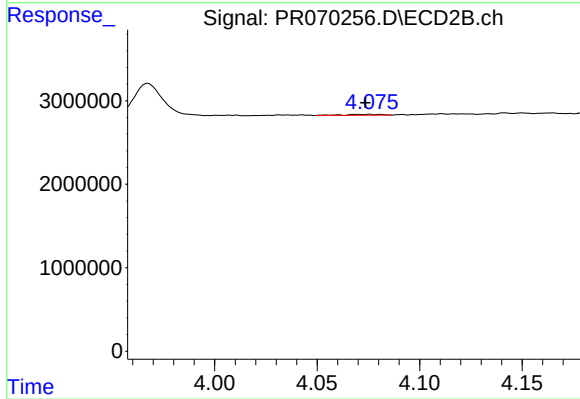
#14 AR-1232-4

R.T.: 4.358 min
Delta R.T.: -0.007 min
Response: 59380
Conc: 1.12 ng/ml



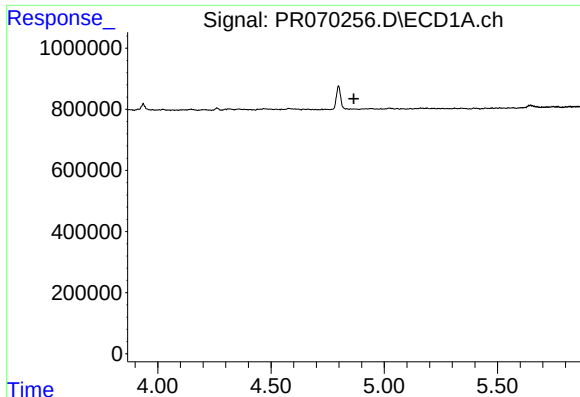
#16 AR-1242-1

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



#16 AR-1242-1

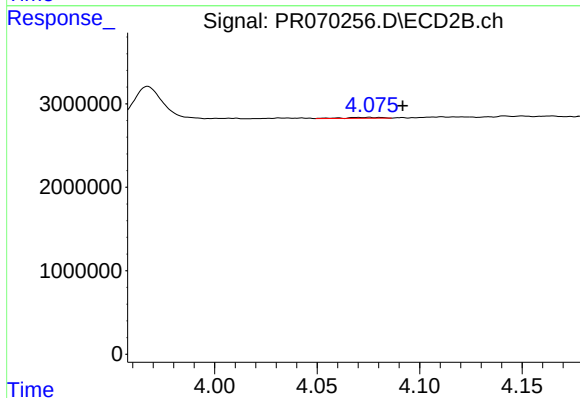
R.T.: 4.075 min
Delta R.T.: 0.002 min
Response: 135070
Conc: 1.04 ng/ml



#17 AR-1242-2

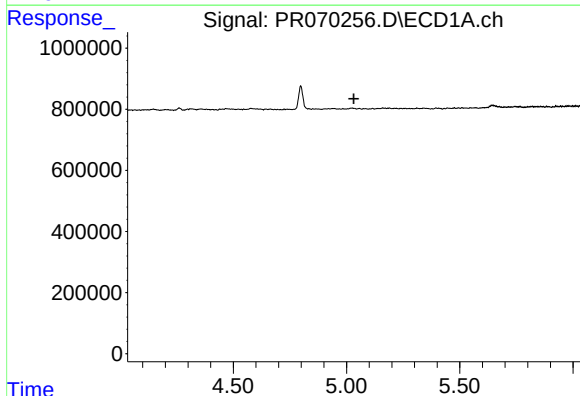
R.T.: 0.000 min
Exp R.T. : 4.866 min
Response: 0
Conc: N.D.

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



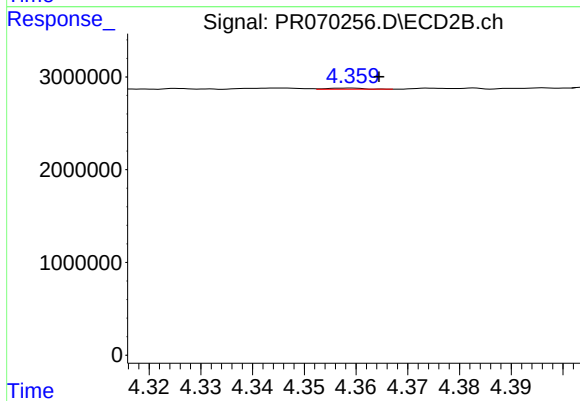
#17 AR-1242-2

R.T.: 4.075 min
Delta R.T.: -0.016 min
Response: 135070
Conc: 0.69 ng/ml



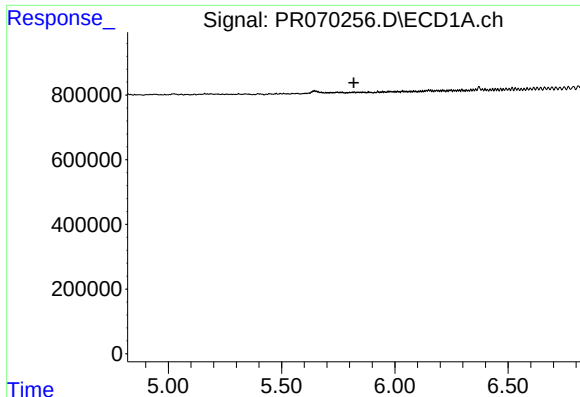
#19 AR-1242-4

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



#19 AR-1242-4

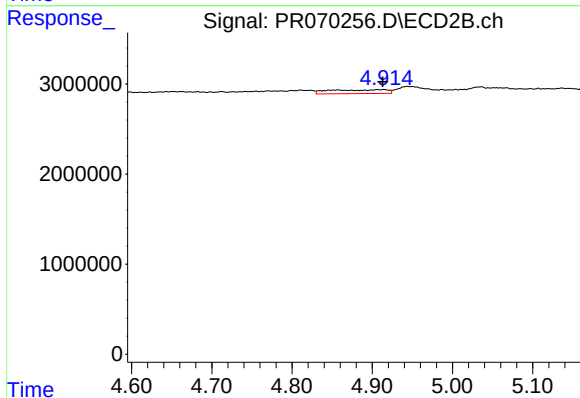
R.T.: 4.358 min
Delta R.T.: -0.006 min
Response: 59380
Conc: 0.58 ng/ml



#20 AR-1242-5

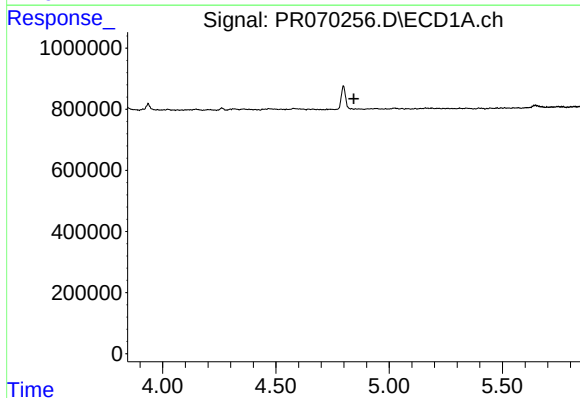
R.T.: 0.000 min
Exp R.T.: 5.819 min
Response: 0
Conc: N.D.

Instrument :
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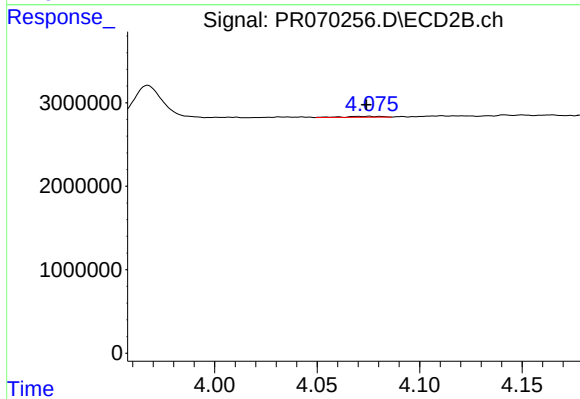
#20 AR-1242-5

R.T.: 4.907 min
Delta R.T.: -0.006 min
Response: 2149579
Conc: 18.76 ng/ml



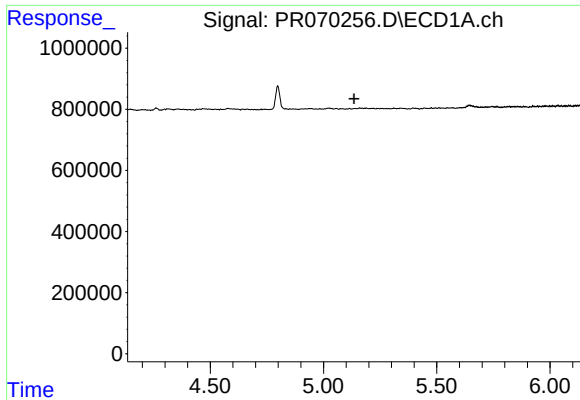
#21 AR-1248-1

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



#21 AR-1248-1

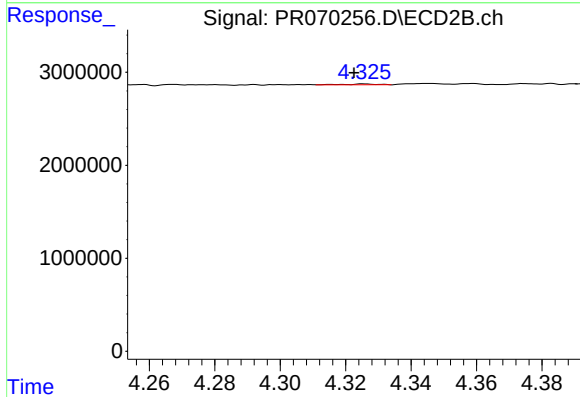
R.T.: 4.075 min
Delta R.T.: 0.001 min
Response: 135070
Conc: 1.40 ng/ml



#22 AR-1248-2

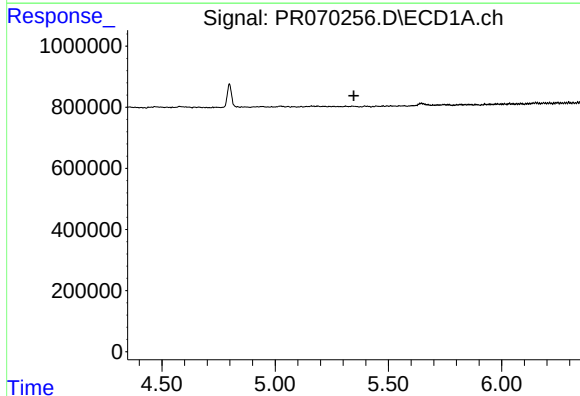
R.T.: 0.000 min
Exp R.T.: 5.135 min
Response: 0
Conc: N.D.

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



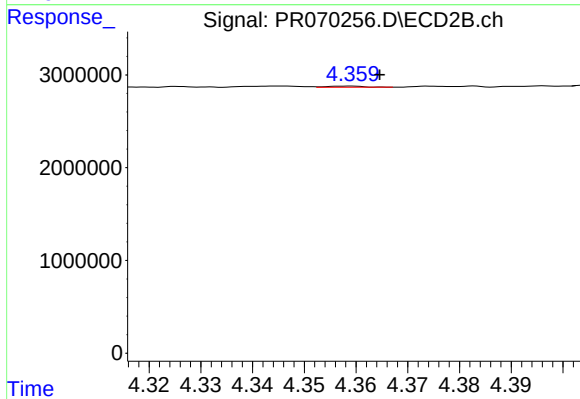
#22 AR-1248-2

R.T.: 4.326 min
Delta R.T.: 0.003 min
Response: 68722
Conc: 0.47 ng/ml



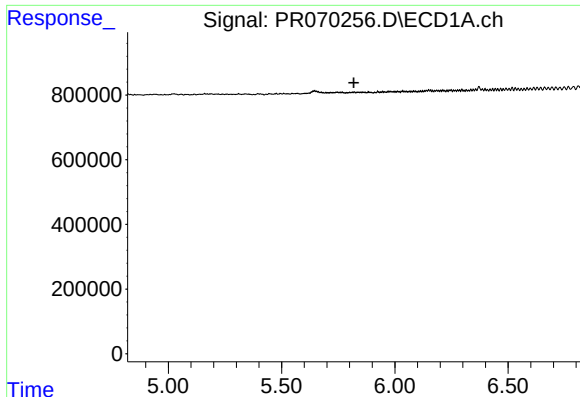
#23 AR-1248-3

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



#23 AR-1248-3

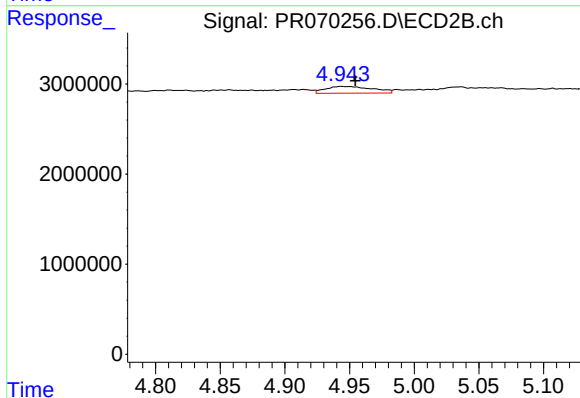
R.T.: 4.358 min
Delta R.T.: -0.006 min
Response: 59380
Conc: 0.40 ng/ml



#25 AR-1248-5

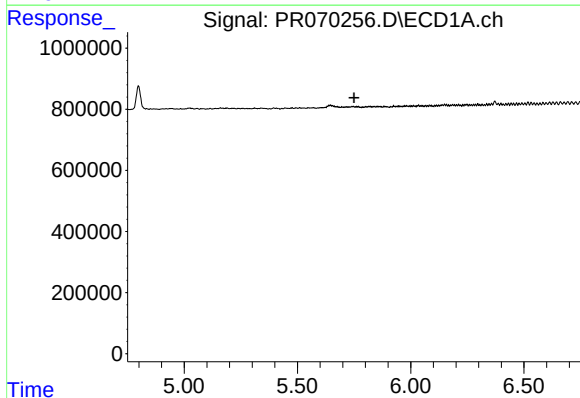
R.T.: 0.000 min
Exp R.T.: 5.819 min
Response: 0
Conc: N.D.

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



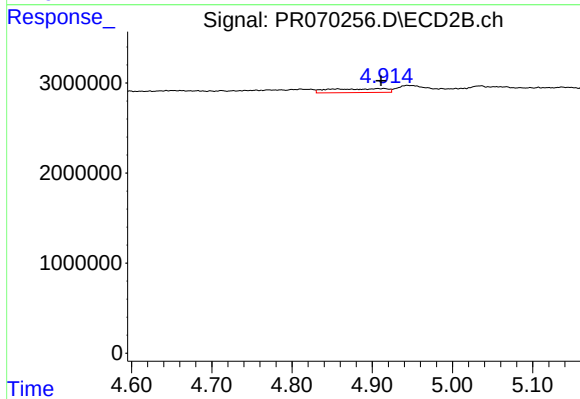
#25 AR-1248-5

R.T.: 4.944 min
Delta R.T.: -0.011 min
Response: 1897174
Conc: 12.63 ng/ml



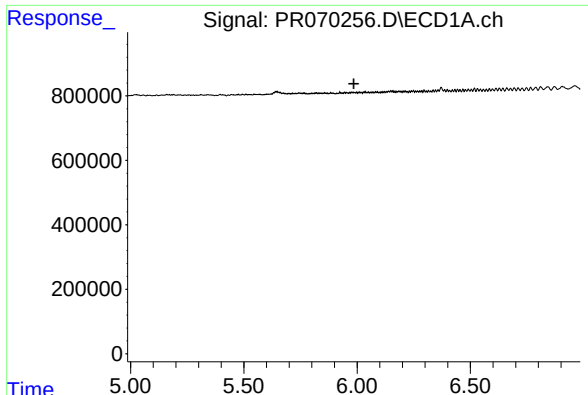
#26 AR-1254-1

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



#26 AR-1254-1

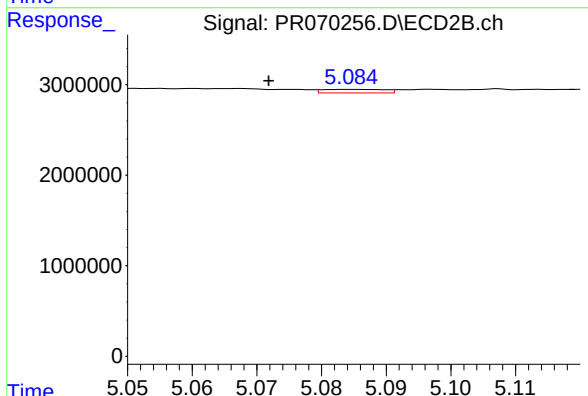
R.T.: 4.907 min
Delta R.T.: -0.005 min
Response: 2149579
Conc: 8.51 ng/ml



#27 AR-1254-2

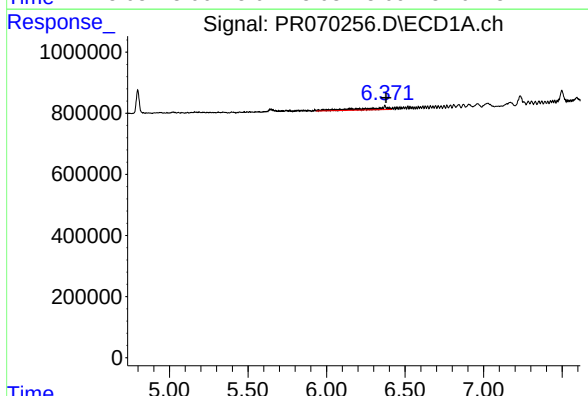
R.T.: 0.000 min
Exp R.T.: 5.986 min
Response: 0
Conc: N.D.

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



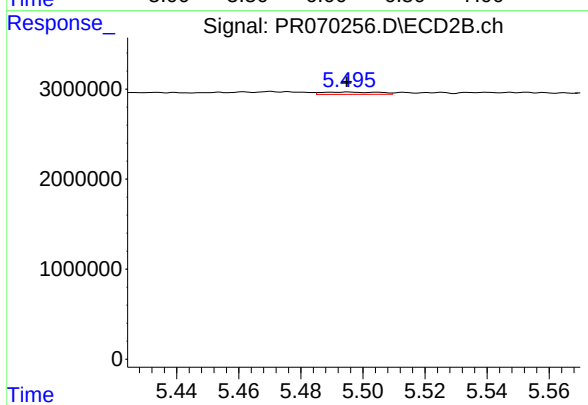
#27 AR-1254-2

R.T.: 5.085 min
Delta R.T.: 0.013 min
Response: 261042
Conc: 1.20 ng/ml



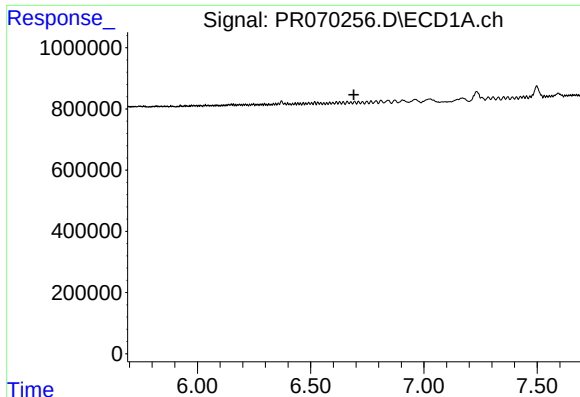
#28 AR-1254-3

R.T.: 6.371 min
Delta R.T.: -0.007 min
Response: 905760
Conc: 16.95 ng/ml



#28 AR-1254-3

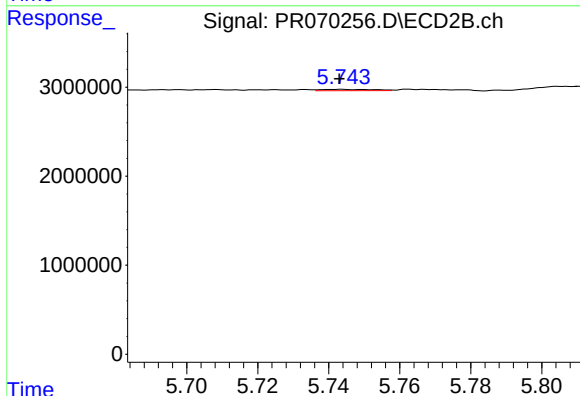
R.T.: 5.495 min
Delta R.T.: 0.000 min
Response: 322350
Conc: 1.01 ng/ml



#29 AR-1254-4

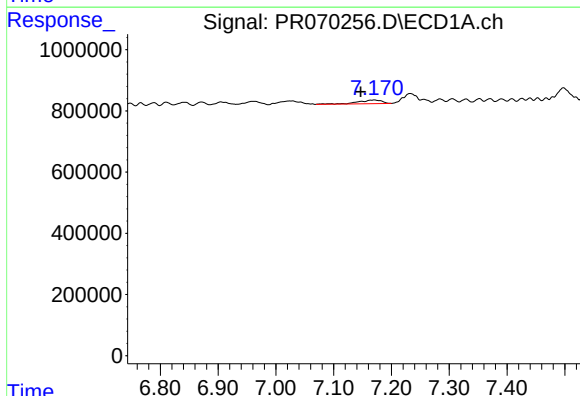
R.T.: 0.000 min
Exp R.T.: 6.691 min
Response: 0
Conc: N.D.

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



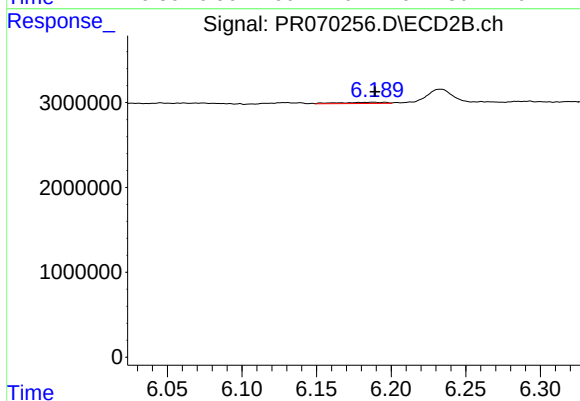
#29 AR-1254-4

R.T.: 5.743 min
Delta R.T.: 0.000 min
Response: 146458
Conc: 0.91 ng/ml



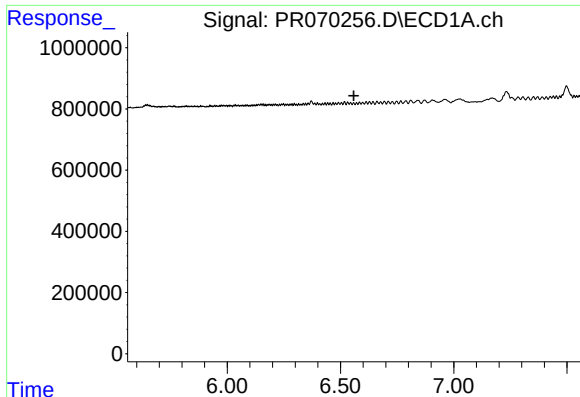
#30 AR-1254-5

R.T.: 7.170 min
Delta R.T.: 0.024 min
Response: 353079
Conc: 9.14 ng/ml



#30 AR-1254-5

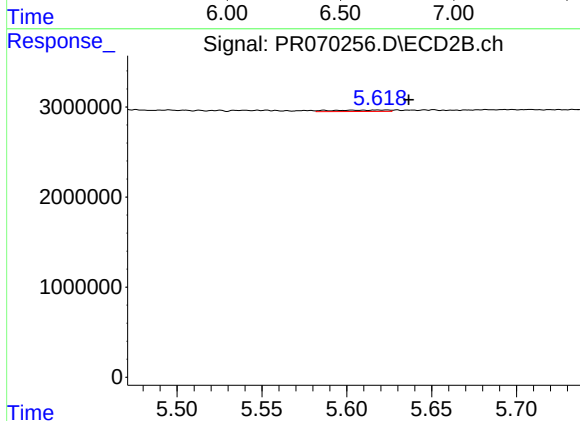
R.T.: 6.188 min
Delta R.T.: -0.001 min
Response: 316428
Conc: 1.22 ng/ml



#31 AR-1260-1

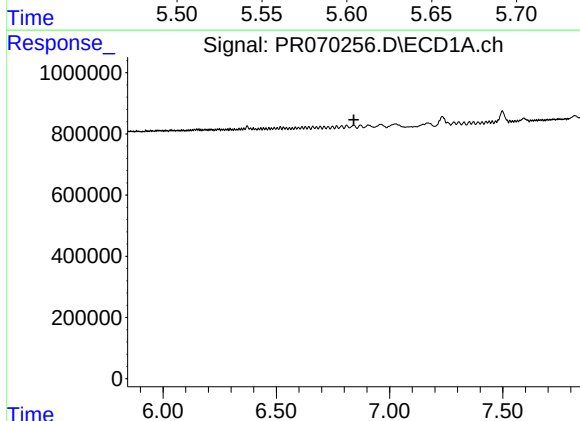
R.T.: 0.000 min
Exp R.T.: 6.559 min
Response: 0
Conc: N.D.

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



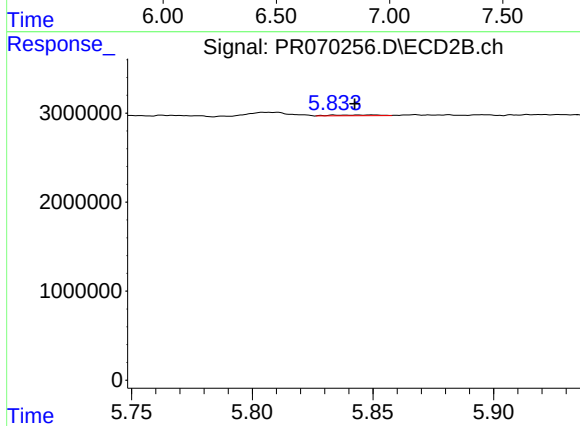
#31 AR-1260-1

R.T.: 5.623 min
Delta R.T.: -0.013 min
Response: 347597
Conc: 1.58 ng/ml



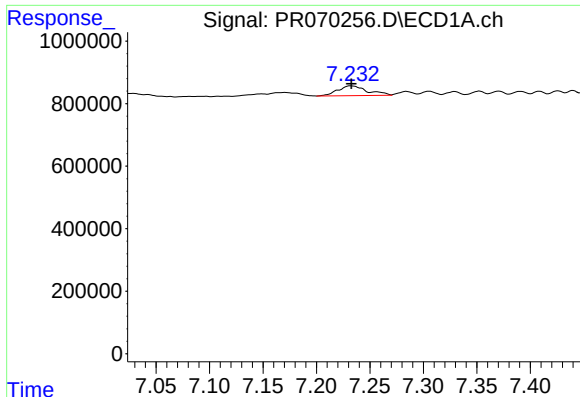
#32 AR-1260-2

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



#32 AR-1260-2

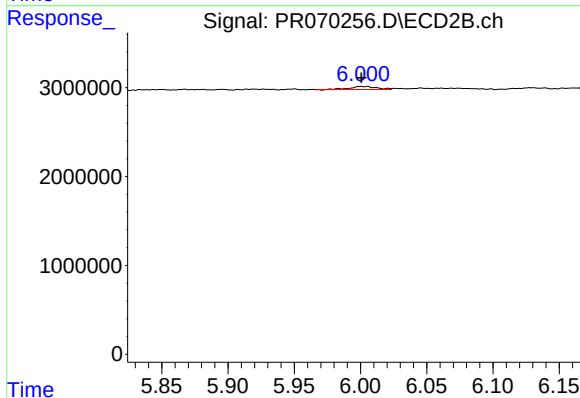
R.T.: 5.850 min
Delta R.T.: 0.007 min
Response: 123865
Conc: 0.50 ng/ml



#33 AR-1260-3

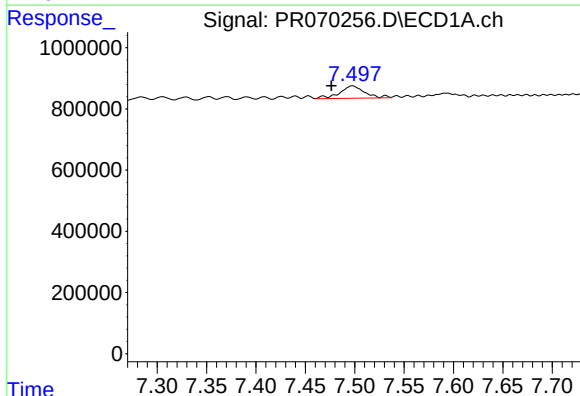
R.T.: 7.233 min
Delta R.T.: 0.000 min
Response: 602588
Conc: 16.17 ng/ml

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



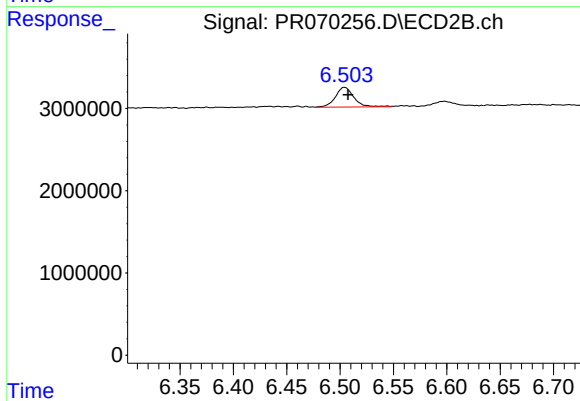
#33 AR-1260-3

R.T.: 6.000 min
Delta R.T.: 0.000 min
Response: 505111
Conc: 2.12 ng/ml



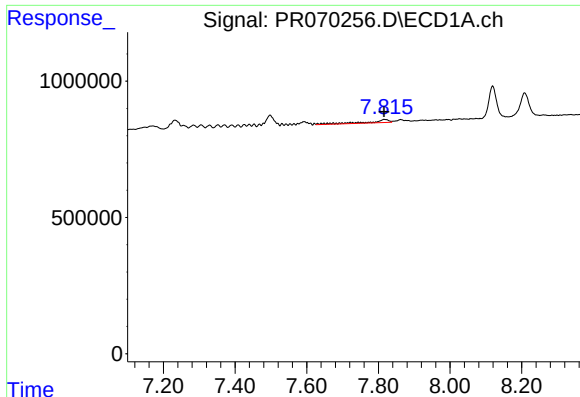
#34 AR-1260-4

R.T.: 7.498 min
Delta R.T.: 0.022 min
Response: 703472
Conc: 17.66 ng/ml



#34 AR-1260-4

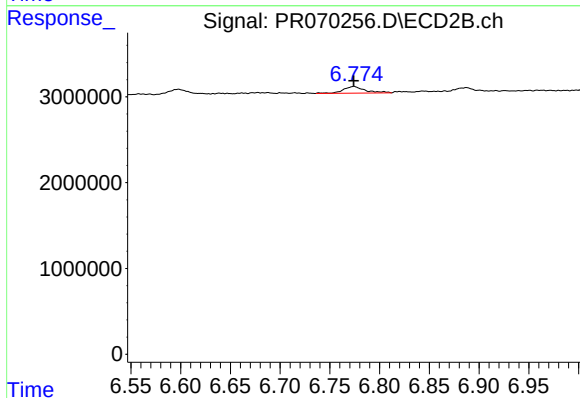
R.T.: 6.504 min
Delta R.T.: -0.003 min
Response: 2874260
Conc: 14.59 ng/ml



#35 AR-1260-5

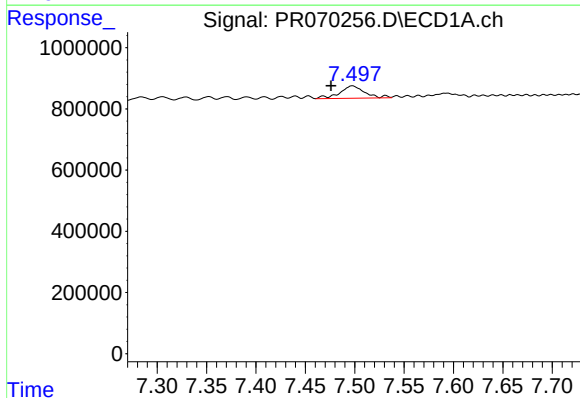
R.T.: 7.817 min
Delta R.T.: 0.000 min
Response: 429503
Conc: 6.68 ng/ml

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



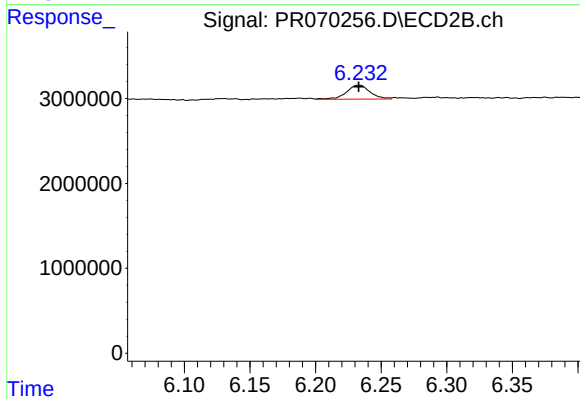
#35 AR-1260-5

R.T.: 6.774 min
Delta R.T.: 0.000 min
Response: 1184679
Conc: 2.88 ng/ml



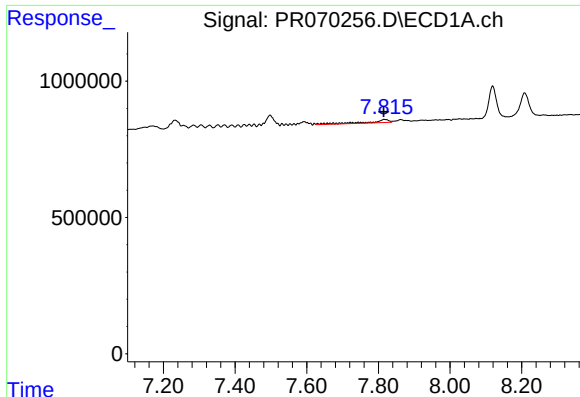
#36 AR-1262-1

R.T.: 7.498 min
Delta R.T.: 0.022 min
Response: 703472
Conc: 13.95 ng/ml



#36 AR-1262-1

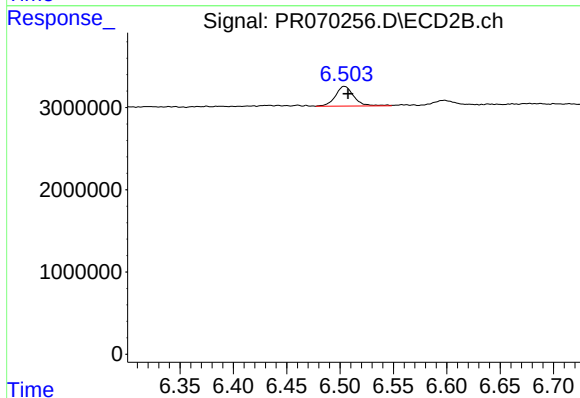
R.T.: 6.233 min
Delta R.T.: 0.000 min
Response: 2069848
Conc: 6.72 ng/ml



#37 AR-1262-2

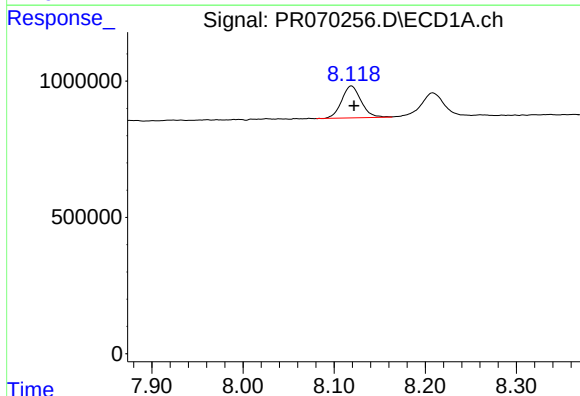
R.T.: 7.817 min
Delta R.T.: 0.001 min
Response: 429503
Conc: 5.68 ng/ml

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



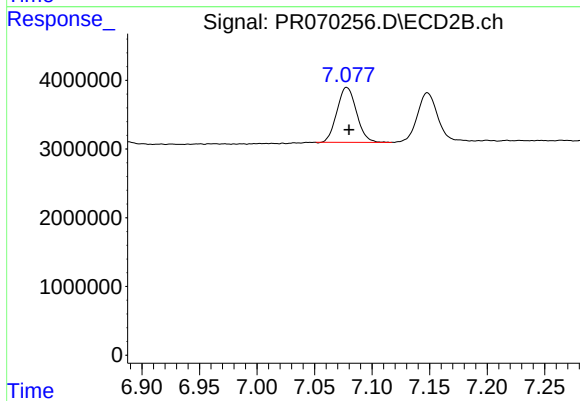
#37 AR-1262-2

R.T.: 6.504 min
Delta R.T.: -0.003 min
Response: 2874260
Conc: 10.64 ng/ml



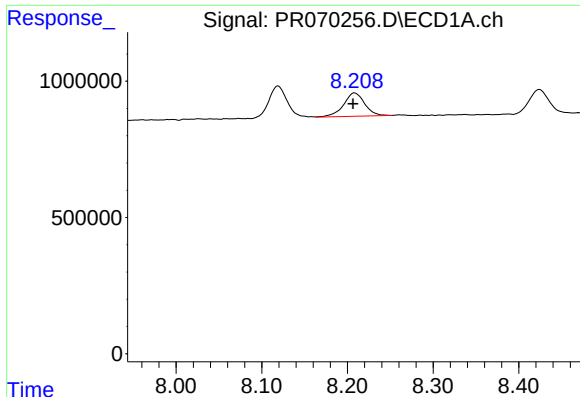
#38 AR-1262-3

R.T.: 8.119 min
Delta R.T.: -0.003 min
Response: 1731223
Conc: 32.44 ng/ml



#38 AR-1262-3

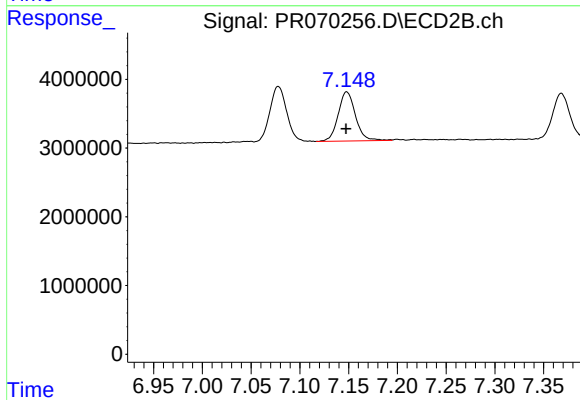
R.T.: 7.078 min
Delta R.T.: -0.002 min
Response: 9483772
Conc: 48.35 ng/ml



#39 AR-1262-4

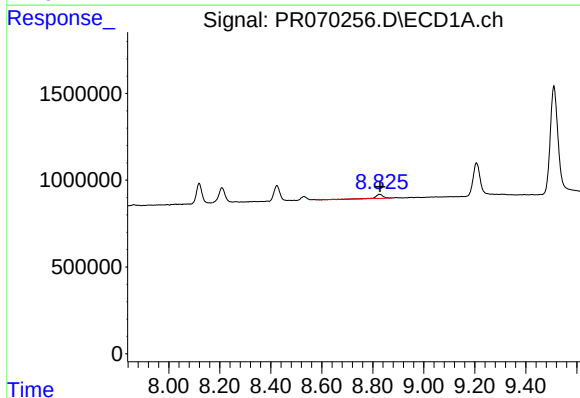
R.T.: 8.209 min
Delta R.T.: 0.002 min
Response: 1468127
Conc: 33.35 ng/ml

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



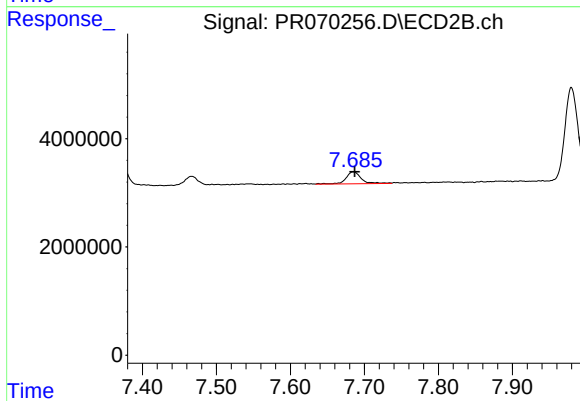
#39 AR-1262-4

R.T.: 7.148 min
Delta R.T.: 0.000 min
Response: 8841864
Conc: 24.53 ng/ml



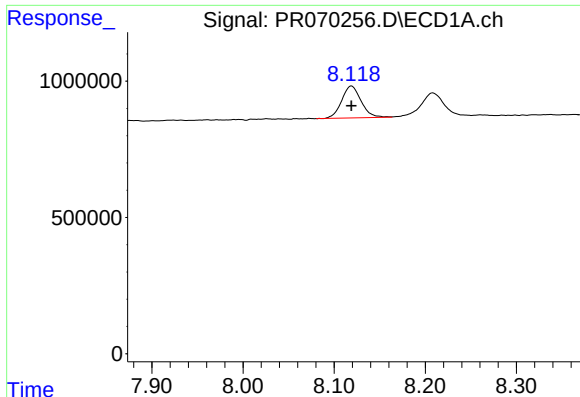
#40 AR-1262-5

R.T.: 8.826 min
Delta R.T.: -0.002 min
Response: 434956
Conc: 17.99 ng/ml



#40 AR-1262-5

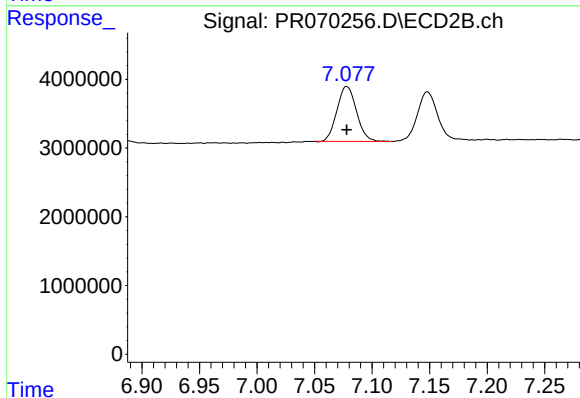
R.T.: 7.685 min
Delta R.T.: -0.002 min
Response: 3203559
Conc: 21.01 ng/ml



#41 AR-1268-1

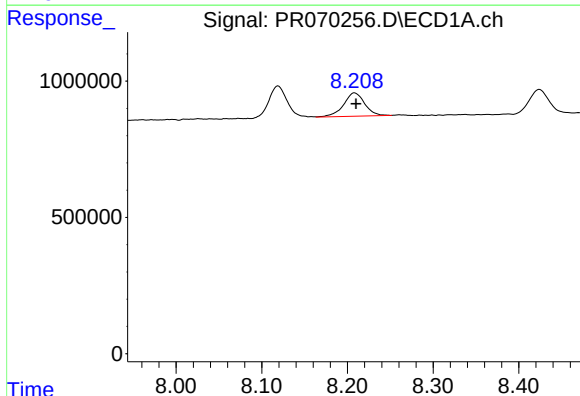
R.T.: 8.119 min
Delta R.T.: 0.000 min
Response: 1731223
Conc: 17.74 ng/ml

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



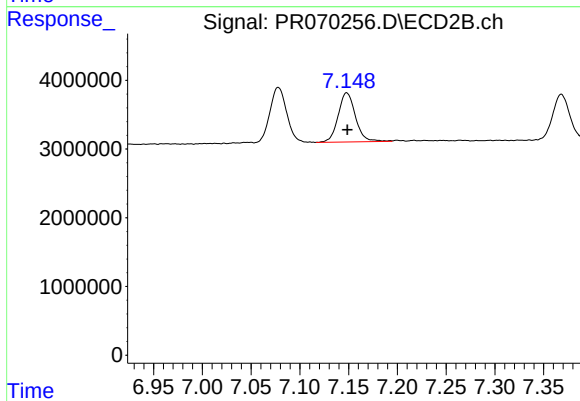
#41 AR-1268-1

R.T.: 7.078 min
Delta R.T.: 0.000 min
Response: 9483772
Conc: 16.59 ng/ml



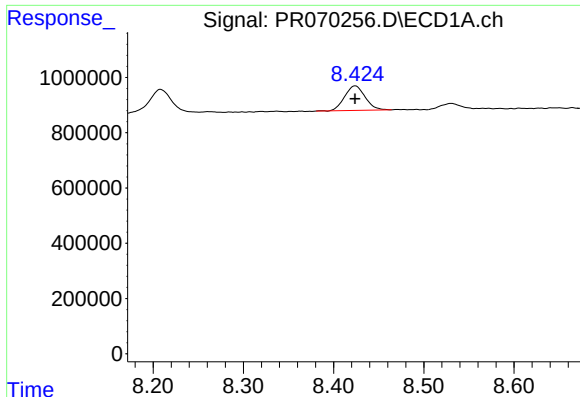
#42 AR-1268-2

R.T.: 8.209 min
Delta R.T.: -0.001 min
Response: 1468127
Conc: 16.44 ng/ml



#42 AR-1268-2

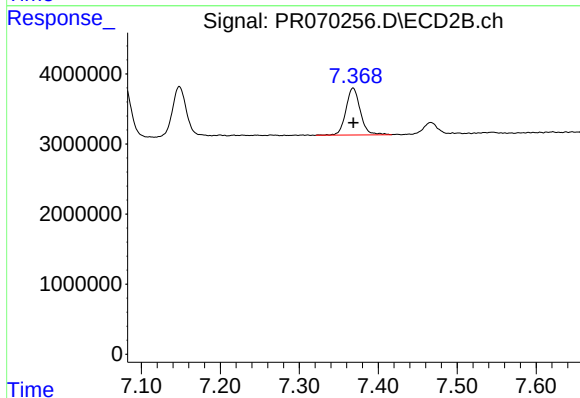
R.T.: 7.148 min
Delta R.T.: 0.000 min
Response: 8841864
Conc: 16.88 ng/ml



#43 AR-1268-3

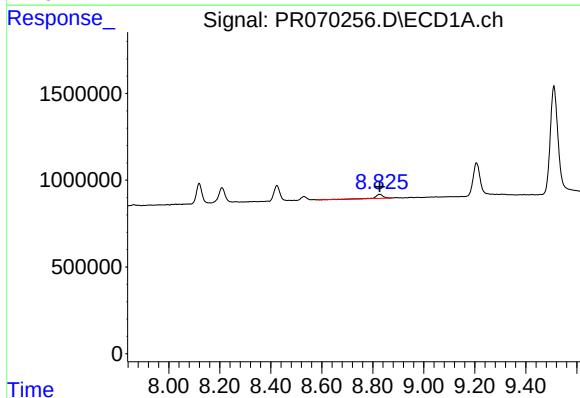
R.T.: 8.424 min
Delta R.T.: 0.000 min
Response: 1403689
Conc: 17.70 ng/ml

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



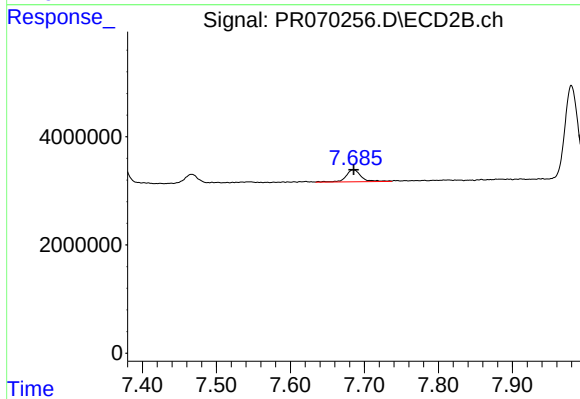
#43 AR-1268-3

R.T.: 7.368 min
Delta R.T.: 0.000 min
Response: 8462973
Conc: 17.30 ng/ml



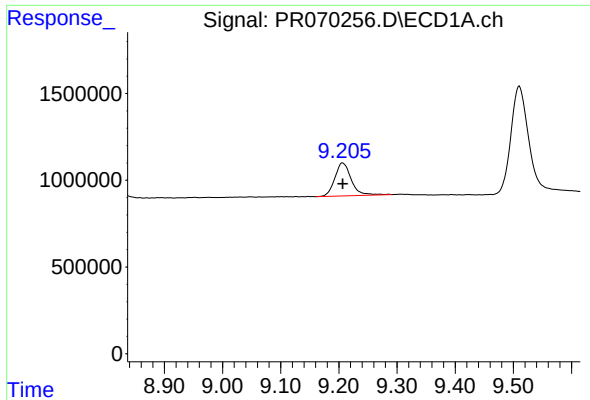
#44 AR-1268-4

R.T.: 8.826 min
Delta R.T.: -0.001 min
Response: 434956
Conc: 16.33 ng/ml



#44 AR-1268-4

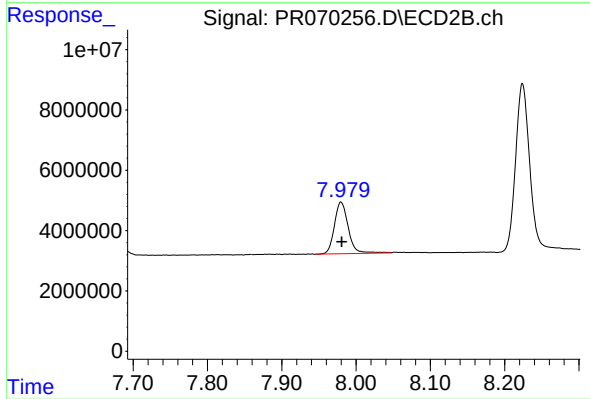
R.T.: 7.685 min
Delta R.T.: 0.000 min
Response: 3203559
Conc: 18.72 ng/ml



#45 AR-1268-5

R.T.: 9.206 min
Delta R.T.: 0.000 min
Response: 3717153
Conc: 17.59 ng/ml

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: 22205769
Conc: 16.01 ng/ml