

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR021025\
 Data File : PR070254.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Feb 2025 16:38
 Operator : AJ\MA
 Sample : Q1168-01
 Misc : AR1254 LOD 25 PPB
 ALS Vial : 22 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 00:45:44 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	18868652	98736125	16.710	16.932
2)	SA Decachlor...	9.508	8.223	13214839	75352426	18.485	18.404
Target Compounds							
3)	L1 AR-1016-1	0.000	4.075	0	134930	N.D.	0.855 #
4)	L1 AR-1016-2	0.000	4.099	0	89010	N.D.	0.374 #
6)	L1 AR-1016-4	0.000	4.322	0	2453285	N.D.	22.323 #
7)	L1 AR-1016-5	5.348	4.540	247706	1401039	10.339	10.271
8)	L2 AR-1221-1	3.835	0.000	467477	0	35.812	N.D. #
9)	L2 AR-1221-2	3.935	3.259	335597	1261834	34.374	24.643 #
12)	L3 AR-1232-2	0.000	4.099	0	89010	N.D.	0.802 #
14)	L3 AR-1232-4	0.000	4.363	0	700599	N.D.	13.202 #
15)	L3 AR-1232-5	0.000	4.540	0	1401039	N.D.	24.487 #
16)	L4 AR-1242-1	0.000	4.075	0	134930	N.D.	1.043 #
17)	L4 AR-1242-2	0.000	4.099	0	89010	N.D.	0.458 #
19)	L4 AR-1242-4	0.000	4.363	0	700599	N.D.	6.836 #
20)	L4 AR-1242-5	5.820	4.911	263838	5988028	13.935	52.256 #
21)	L5 AR-1248-1	0.000	4.075	0	134930	N.D.	1.399 #
22)	L5 AR-1248-2	5.134	4.322	439780	2453285	15.854	16.909
23)	L5 AR-1248-3	5.348	4.363	247706	700599	7.867	4.732 #
24)	L5 AR-1248-4	5.780	4.540	334867	1401039	11.129	7.971 #
25)	L5 AR-1248-5	5.820	4.952	263838	863655	8.303	5.752 #
26)	L6 AR-1254-1	5.749	4.911	989181	5988028	27.146	23.693
27)	L6 AR-1254-2	5.987	5.071	1305020	6221794	24.114	28.553
28)	L6 AR-1254-3	6.379	5.494	1298720	7187105	24.305	22.517
29)	L6 AR-1254-4	6.690	5.742	984809	3631654	30.821	22.562 #
30)	L6 AR-1254-5	7.147	6.188	1073396	5614959	27.801	21.590
31)	L7 AR-1260-1	6.558	5.636	584299	3328752	13.487	15.128
32)	L7 AR-1260-2	6.842	5.841	616811	2482898	13.640	10.083 #
33)	L7 AR-1260-3	0.000	5.997	0	2951306	N.D.	12.383 #
34)	L7 AR-1260-4	7.457f	6.506	464016	425957	11.649	2.162 #
35)	L7 AR-1260-5	7.819	6.773	207725	805169	3.230	1.957 #
36)	L8 AR-1262-1	7.457f	6.257f	464016	478880	9.199	1.555 #
37)	L8 AR-1262-2	7.819	6.506	207725	425957	2.749	1.577 #
39)	L8 AR-1262-4	0.000	7.140	0	828778	N.D.	2.299 #
40)	L8 AR-1262-5	0.000	7.696	0	312348	N.D.	2.048 #
42)	L9 AR-1268-2	0.000	7.140	0	828778	N.D.	1.582 #
43)	L9 AR-1268-3	0.000	7.368	0	274895	N.D.	0.562 #
44)	L9 AR-1268-4	0.000	7.696	0	312348	N.D.	1.825 #
45)	L9 AR-1268-5	0.000	7.980	0	462900	N.D.	0.334 #

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

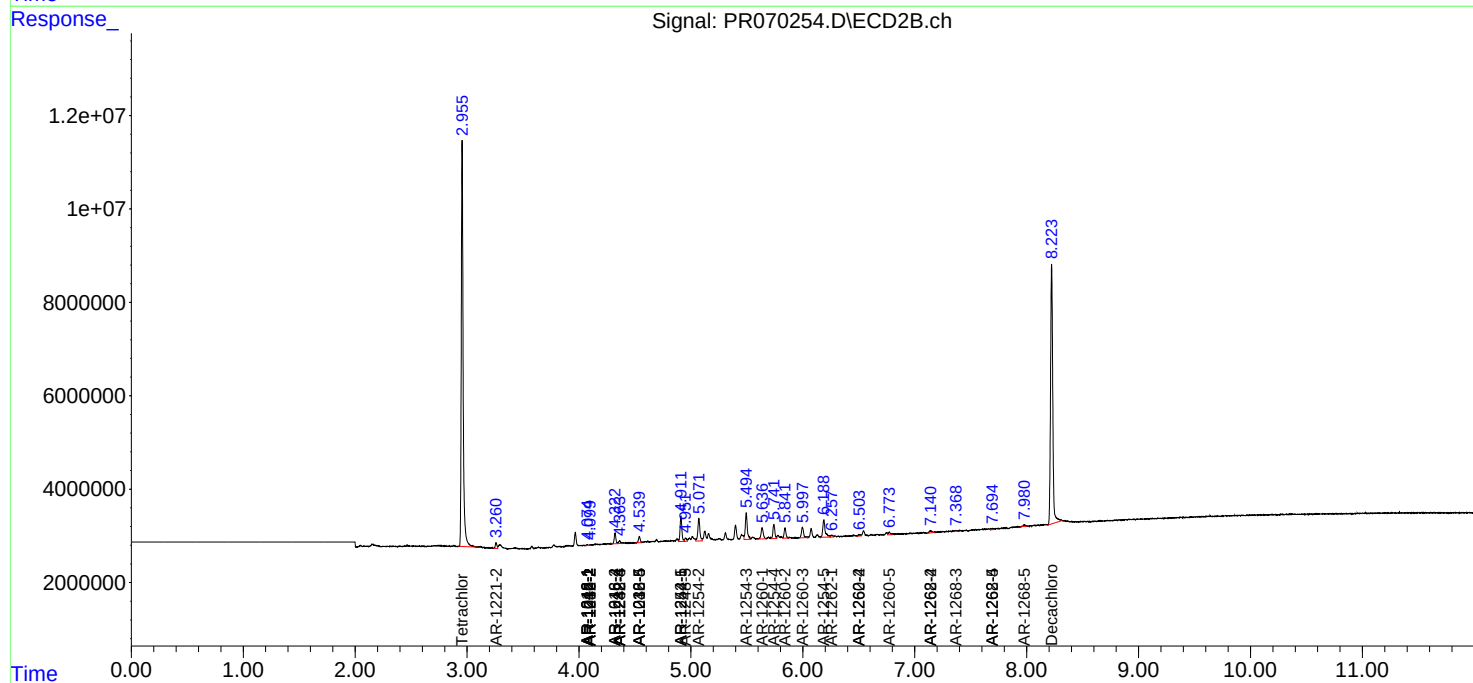
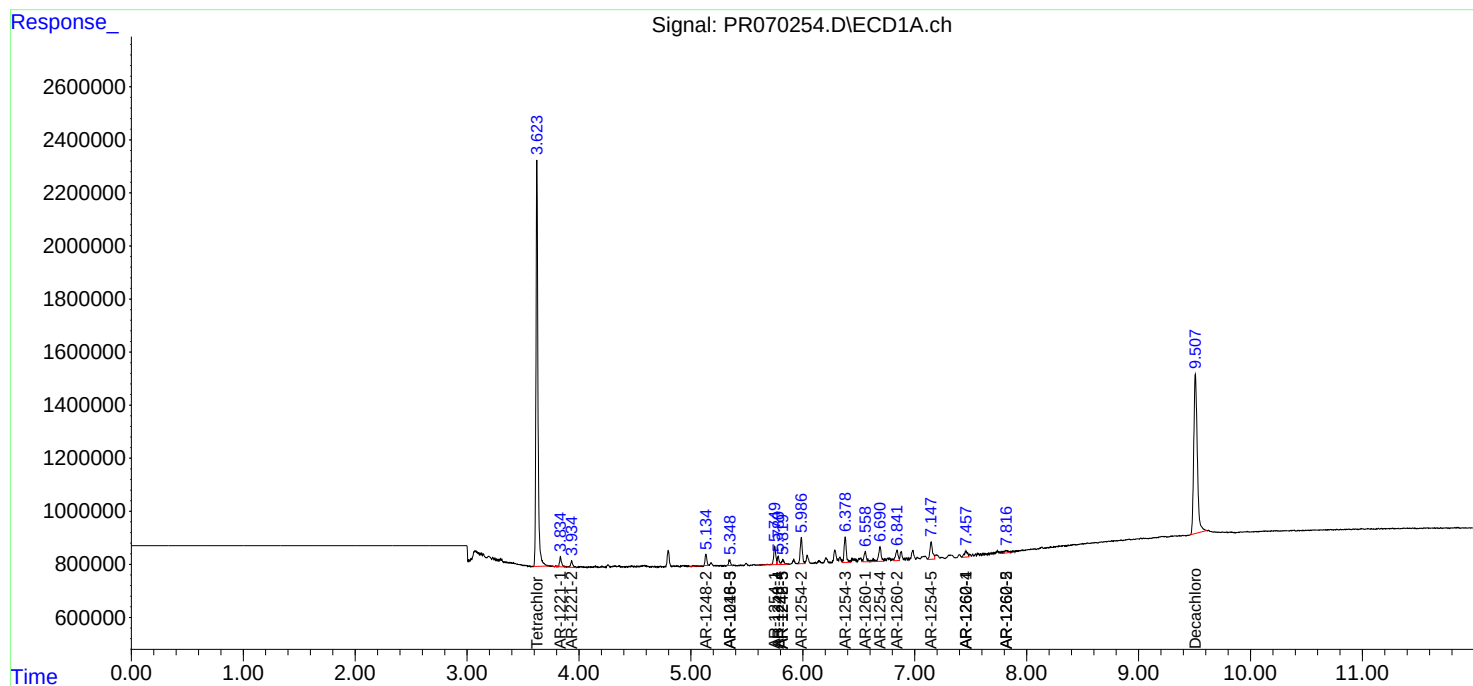
Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025

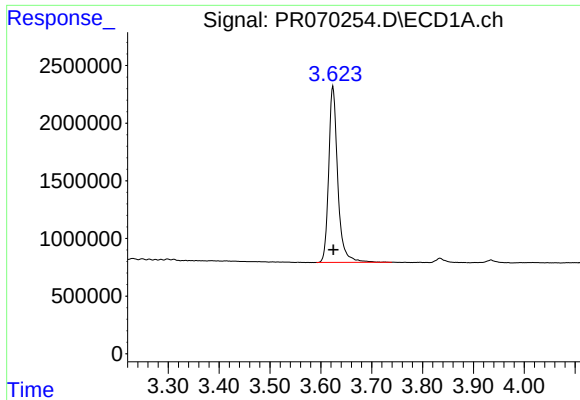
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR021025\
Data File : PR070254.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Feb 2025 16:38
Operator : AJ\MA
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Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 11 00:45:44 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

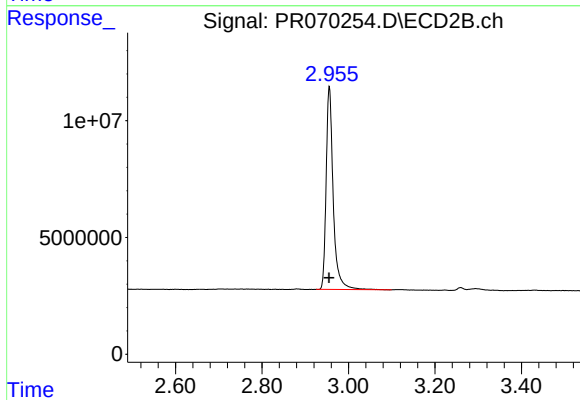




#1 Tetrachloro-m-xylene

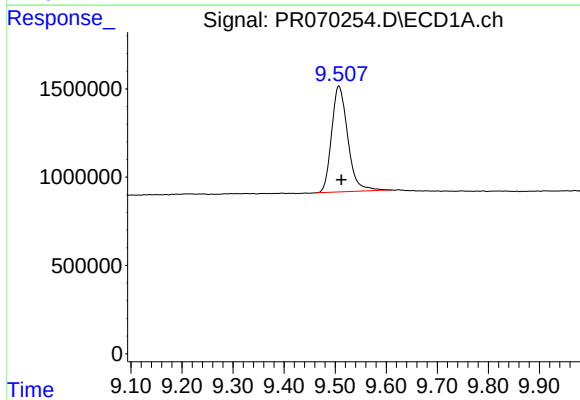
R.T.: 3.624 min
Delta R.T.: 0.000 min
Response: 18868652
Conc: 16.71 ng/ml

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



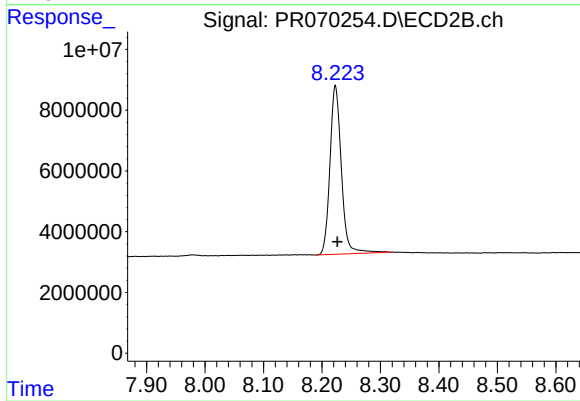
#1 Tetrachloro-m-xylene

R.T.: 2.956 min
Delta R.T.: 0.000 min
Response: 98736125
Conc: 16.93 ng/ml



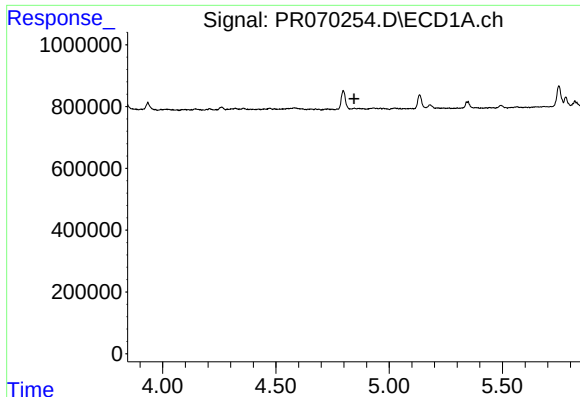
#2 Decachlorobiphenyl

R.T.: 9.508 min
Delta R.T.: -0.005 min
Response: 13214839
Conc: 18.49 ng/ml



#2 Decachlorobiphenyl

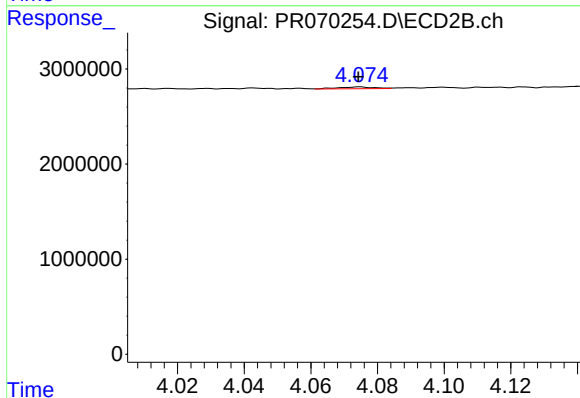
R.T.: 8.223 min
Delta R.T.: -0.003 min
Response: 75352426
Conc: 18.40 ng/ml



#3 AR-1016-1

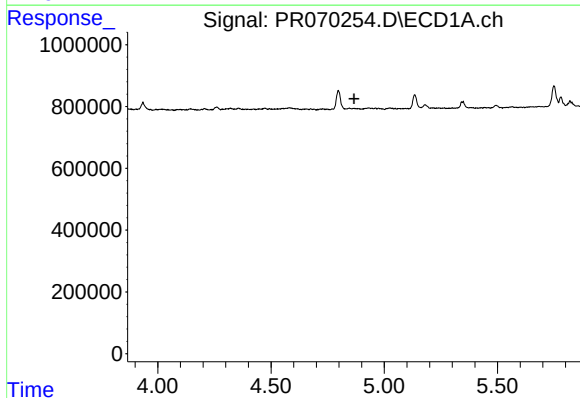
R.T.: 0.000 min
Exp R.T.: 4.845 min
Response: 0
Conc: N.D.

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



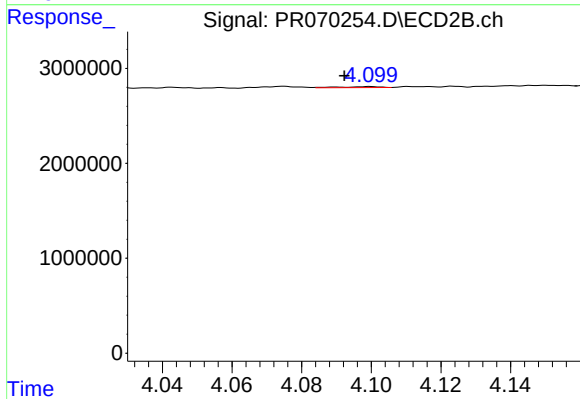
#3 AR-1016-1

R.T.: 4.075 min
Delta R.T.: 0.000 min
Response: 134930
Conc: 0.86 ng/ml



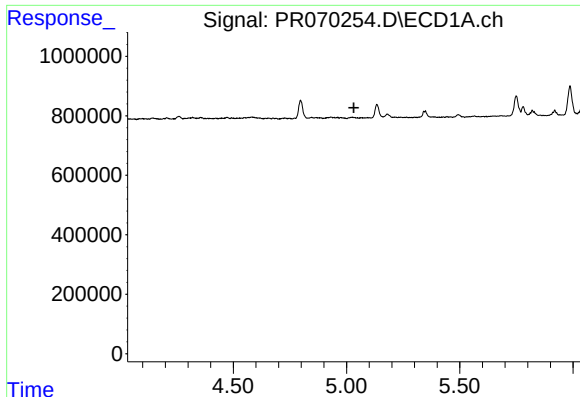
#4 AR-1016-2

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



#4 AR-1016-2

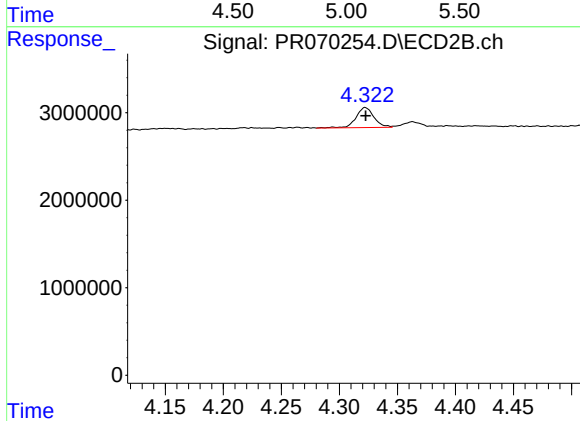
R.T.: 4.099 min
Delta R.T.: 0.007 min
Response: 89010
Conc: 0.37 ng/ml



#6 AR-1016-4

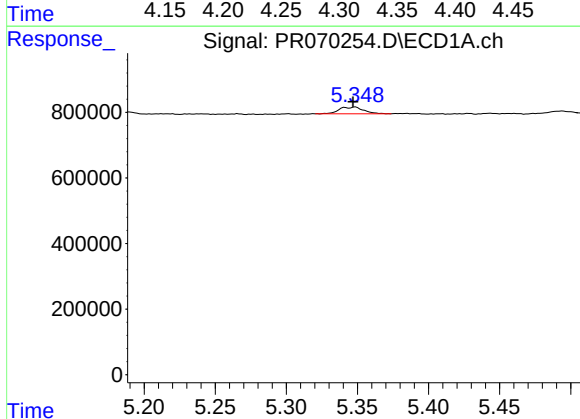
R.T.: 0.000 min
Exp R.T.: 5.032 min
Response: 0
Conc: N.D.

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



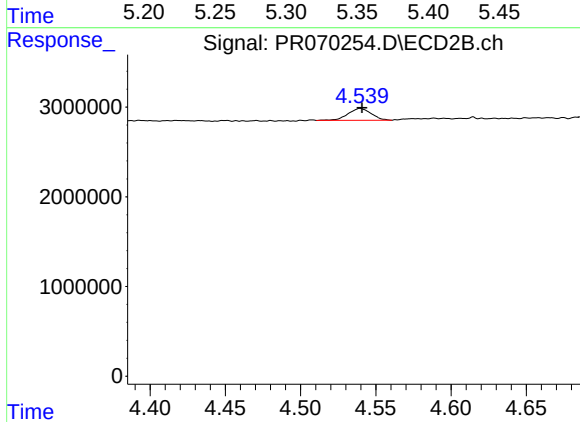
#6 AR-1016-4

R.T.: 4.322 min
Delta R.T.: 0.000 min
Response: 2453285
Conc: 22.32 ng/ml



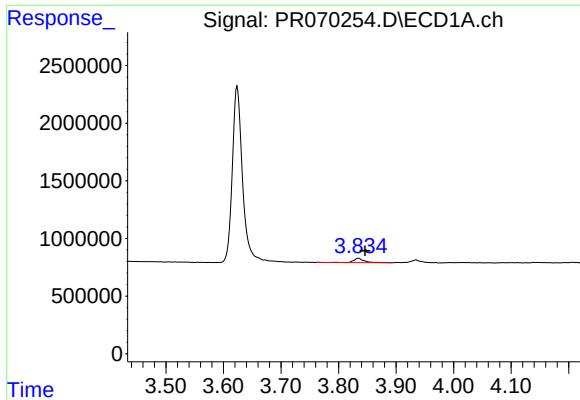
#7 AR-1016-5

R.T.: 5.348 min
Delta R.T.: 0.000 min
Response: 247706
Conc: 10.34 ng/ml



#7 AR-1016-5

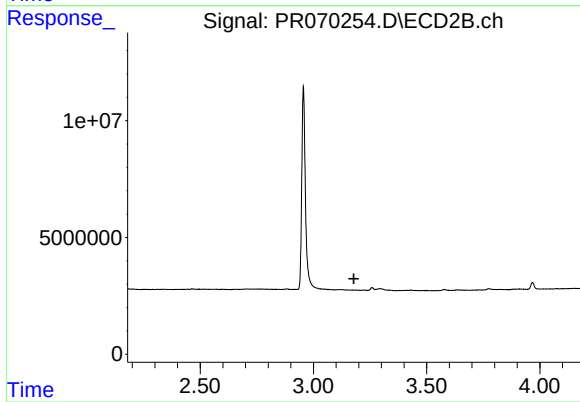
R.T.: 4.540 min
Delta R.T.: -0.001 min
Response: 1401039
Conc: 10.27 ng/ml



#8 AR-1221-1

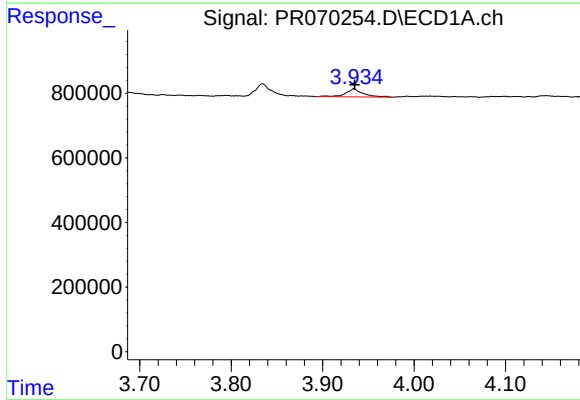
R.T.: 3.835 min
Delta R.T.: -0.012 min
Response: 467477
Conc: 35.81 ng/ml

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



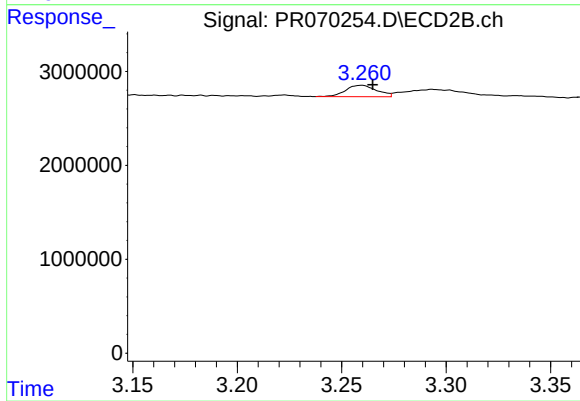
#8 AR-1221-1

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



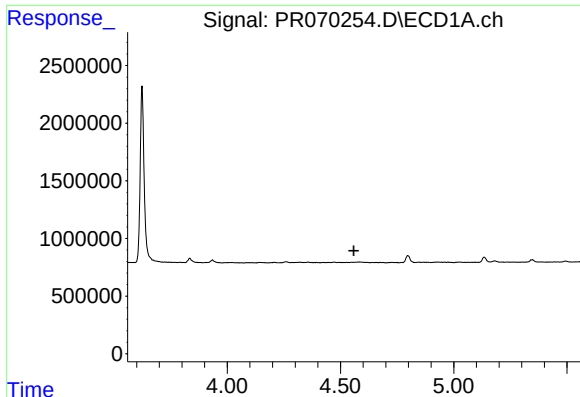
#9 AR-1221-2

R.T.: 3.935 min
Delta R.T.: 0.000 min
Response: 335597
Conc: 34.37 ng/ml



#9 AR-1221-2

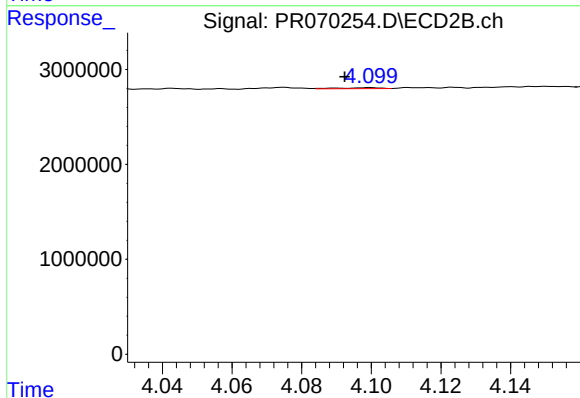
R.T.: 3.259 min
Delta R.T.: -0.005 min
Response: 1261834
Conc: 24.64 ng/ml



#12 AR-1232-2

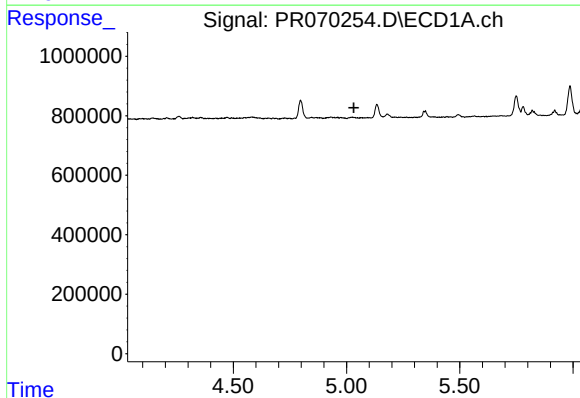
R.T.: 0.000 min
Exp R.T.: 4.559 min
Response: 0
Conc: N.D.

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



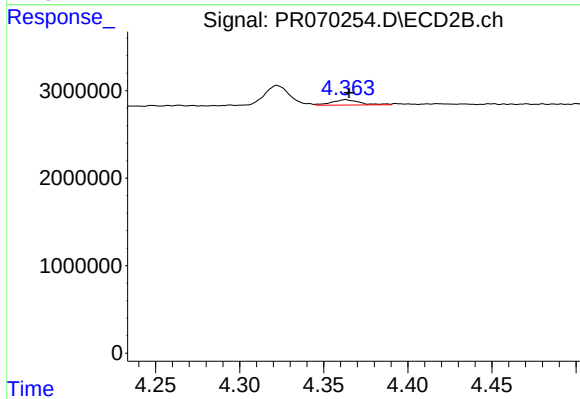
#12 AR-1232-2

R.T.: 4.099 min
Delta R.T.: 0.007 min
Response: 89010
Conc: 0.80 ng/ml



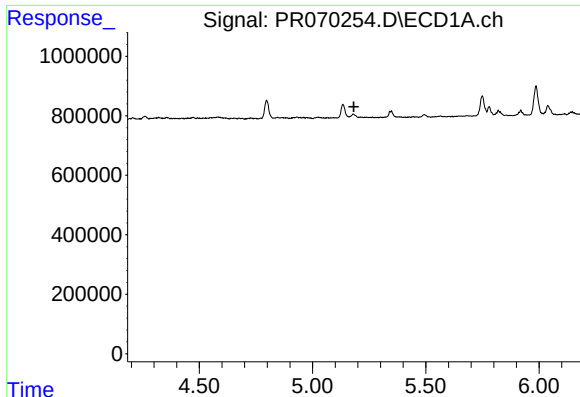
#14 AR-1232-4

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



#14 AR-1232-4

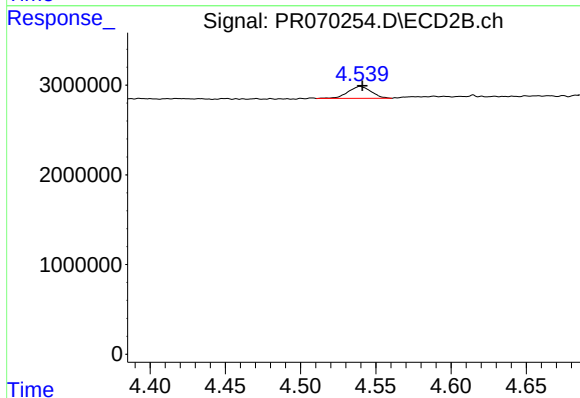
R.T.: 4.363 min
Delta R.T.: -0.002 min
Response: 700599
Conc: 13.20 ng/ml



#15 AR-1232-5

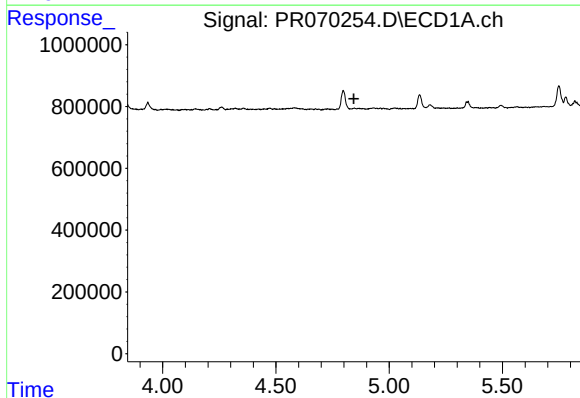
R.T.: 0.000 min
Exp R.T.: 5.183 min
Response: 0
Conc: N.D.

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



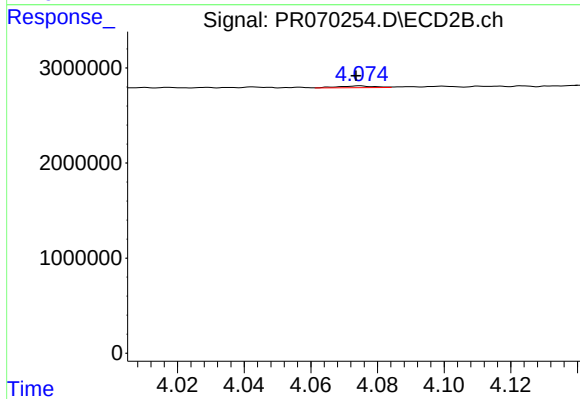
#15 AR-1232-5

R.T.: 4.540 min
Delta R.T.: -0.001 min
Response: 1401039
Conc: 24.49 ng/ml



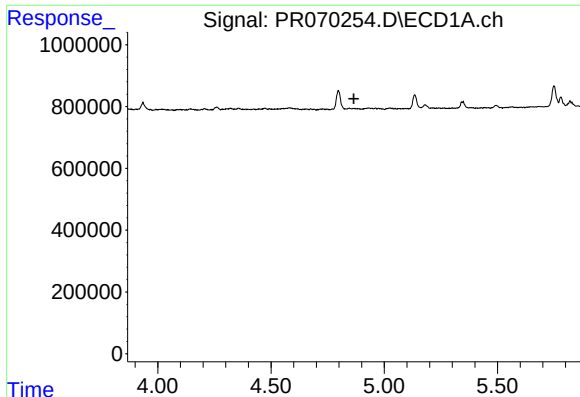
#16 AR-1242-1

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



#16 AR-1242-1

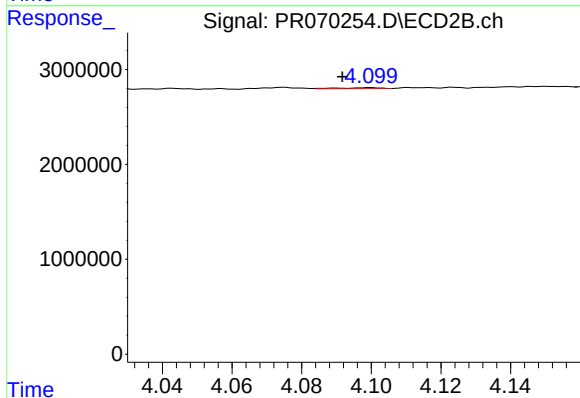
R.T.: 4.075 min
Delta R.T.: 0.001 min
Response: 134930
Conc: 1.04 ng/ml



#17 AR-1242-2

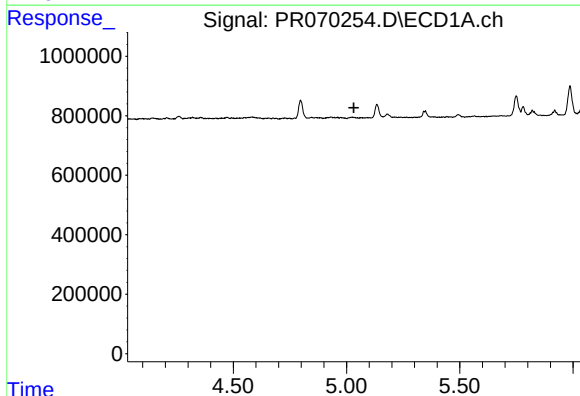
R.T.: 0.000 min
Exp R.T.: 4.866 min
Response: 0
Conc: N.D.

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



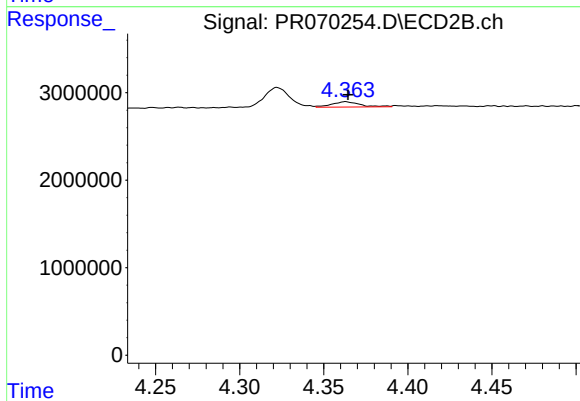
#17 AR-1242-2

R.T.: 4.099 min
Delta R.T.: 0.008 min
Response: 89010
Conc: 0.46 ng/ml



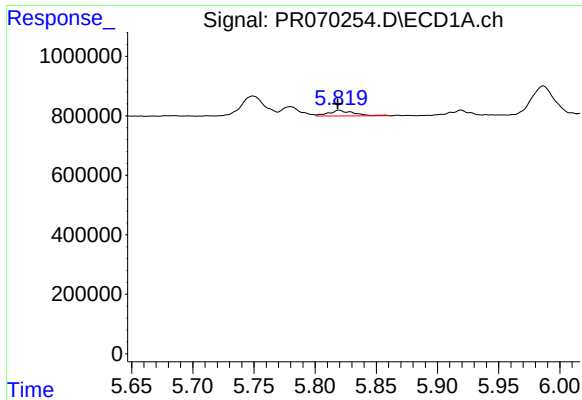
#19 AR-1242-4

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



#19 AR-1242-4

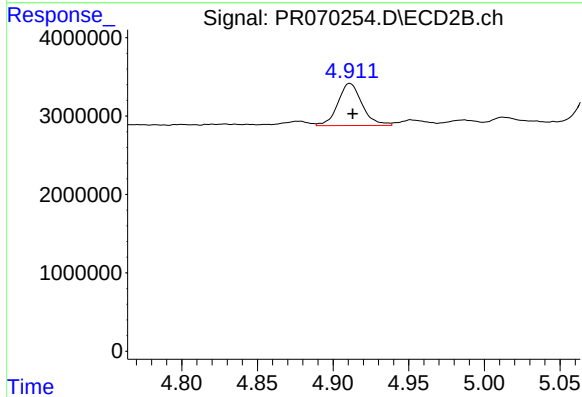
R.T.: 4.363 min
Delta R.T.: -0.001 min
Response: 700599
Conc: 6.84 ng/ml



#20 AR-1242-5

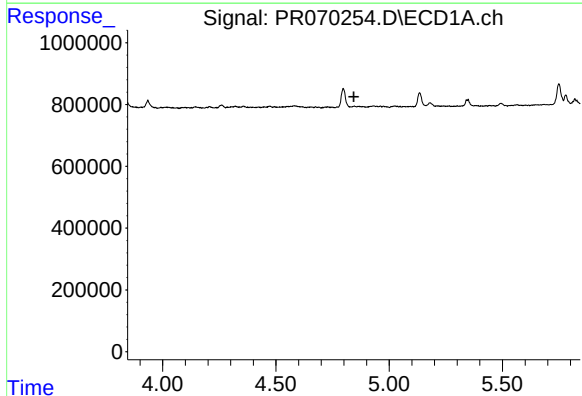
R.T.: 5.820 min
Delta R.T.: 0.002 min
Response: 263838
Conc: 13.93 ng/ml

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



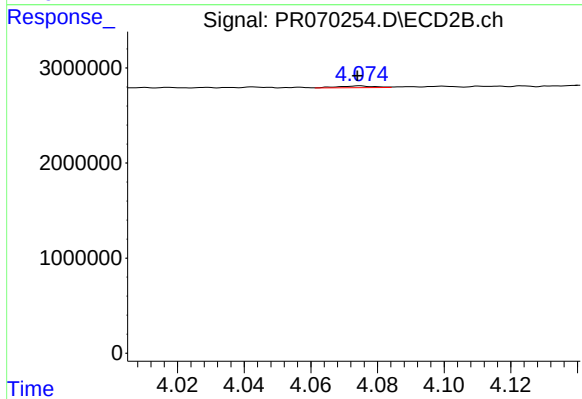
#20 AR-1242-5

R.T.: 4.911 min
Delta R.T.: -0.002 min
Response: 5988028
Conc: 52.26 ng/ml



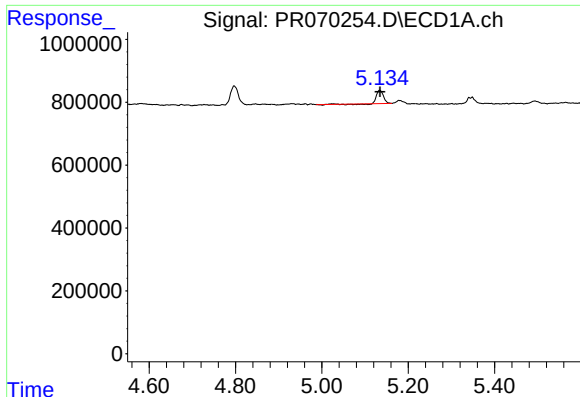
#21 AR-1248-1

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



#21 AR-1248-1

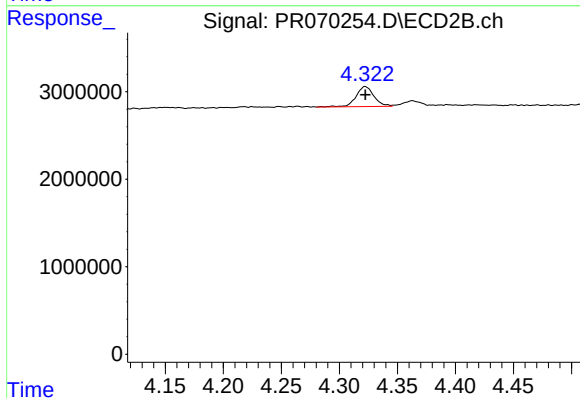
R.T.: 4.075 min
Delta R.T.: 0.000 min
Response: 134930
Conc: 1.40 ng/ml



#22 AR-1248-2

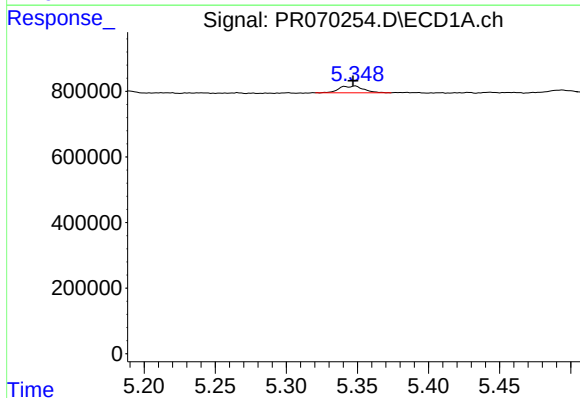
R.T.: 5.134 min
Delta R.T.: 0.000 min
Response: 439780
Conc: 15.85 ng/ml

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



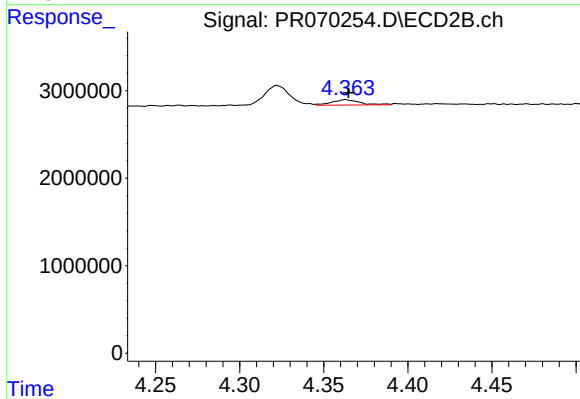
#22 AR-1248-2

R.T.: 4.322 min
Delta R.T.: 0.000 min
Response: 2453285
Conc: 16.91 ng/ml



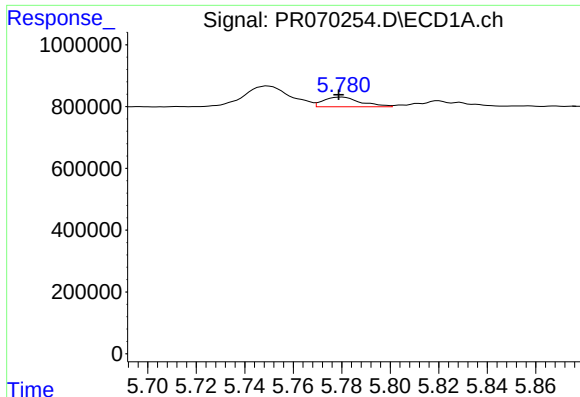
#23 AR-1248-3

R.T.: 5.348 min
Delta R.T.: 0.000 min
Response: 247706
Conc: 7.87 ng/ml



#23 AR-1248-3

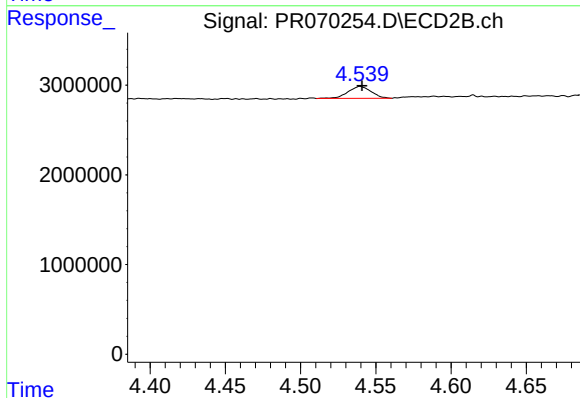
R.T.: 4.363 min
Delta R.T.: -0.002 min
Response: 700599
Conc: 4.73 ng/ml



#24 AR-1248-4

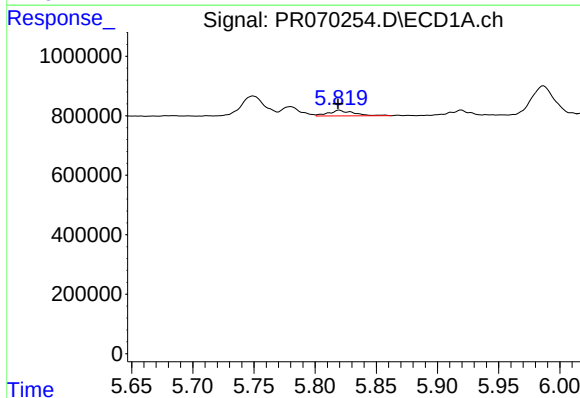
R.T.: 5.780 min
Delta R.T.: 0.001 min
Response: 334867
Conc: 11.13 ng/ml

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



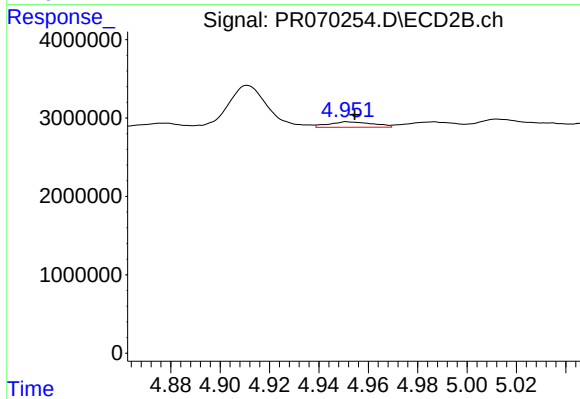
#24 AR-1248-4

R.T.: 4.540 min
Delta R.T.: -0.001 min
Response: 1401039
Conc: 7.97 ng/ml



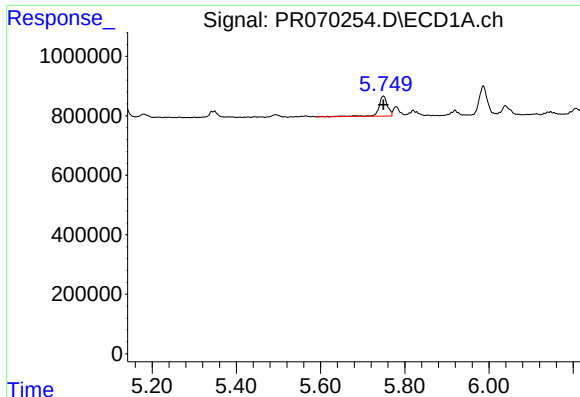
#25 AR-1248-5

R.T.: 5.820 min
Delta R.T.: 0.001 min
Response: 263838
Conc: 8.30 ng/ml



#25 AR-1248-5

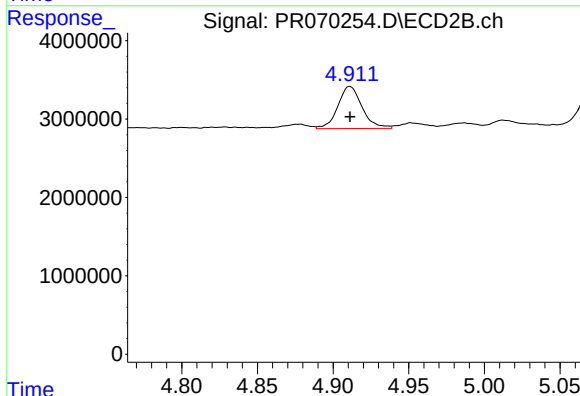
R.T.: 4.952 min
Delta R.T.: -0.003 min
Response: 863655
Conc: 5.75 ng/ml



#26 AR-1254-1

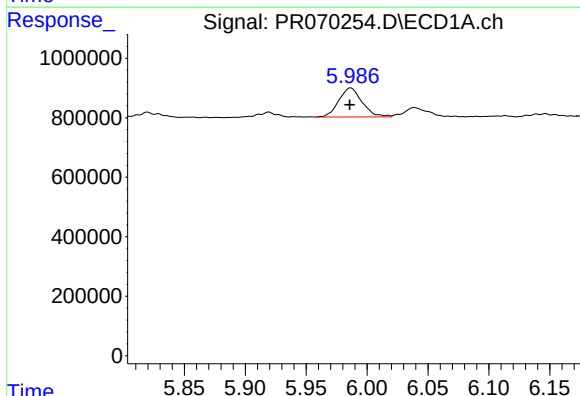
R.T.: 5.749 min
Delta R.T.: 0.000 min
Response: 989181
Conc: 27.15 ng/ml

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



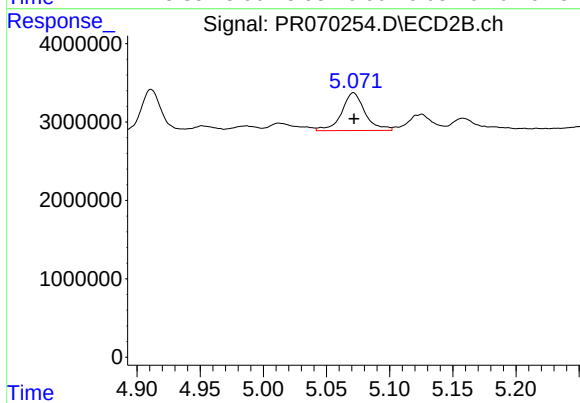
#26 AR-1254-1

R.T.: 4.911 min
Delta R.T.: 0.000 min
Response: 5988028
Conc: 23.69 ng/ml



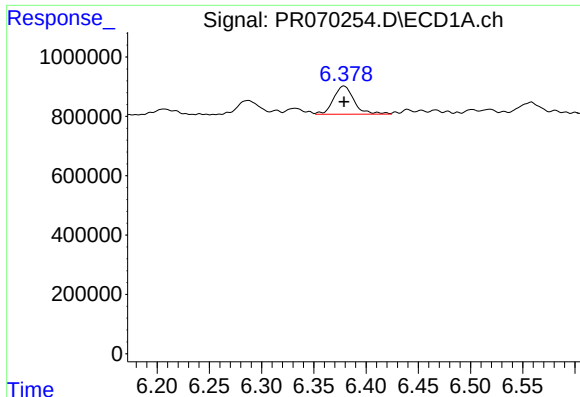
#27 AR-1254-2

R.T.: 5.987 min
Delta R.T.: 0.000 min
Response: 1305020
Conc: 24.11 ng/ml



#27 AR-1254-2

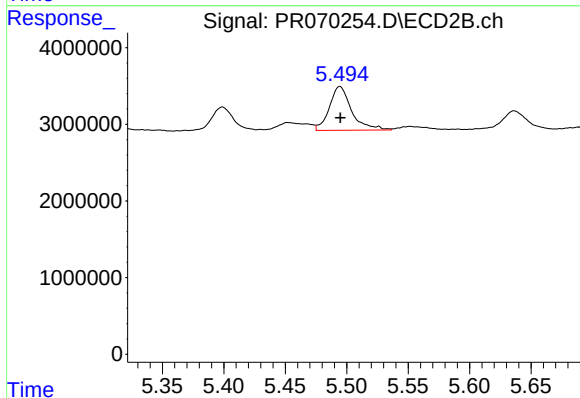
R.T.: 5.071 min
Delta R.T.: 0.000 min
Response: 6221794
Conc: 28.55 ng/ml



#28 AR-1254-3

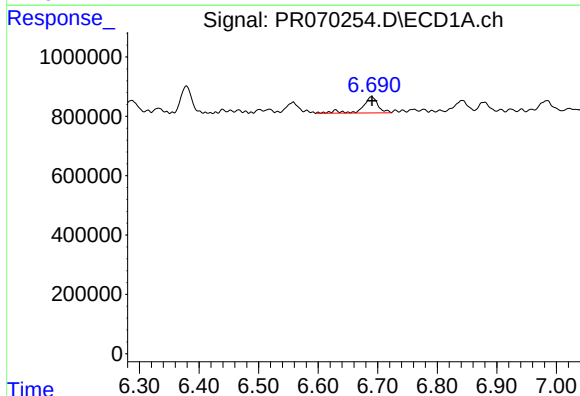
R.T.: 6.379 min
Delta R.T.: 0.000 min
Response: 1298720
Conc: 24.30 ng/ml

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



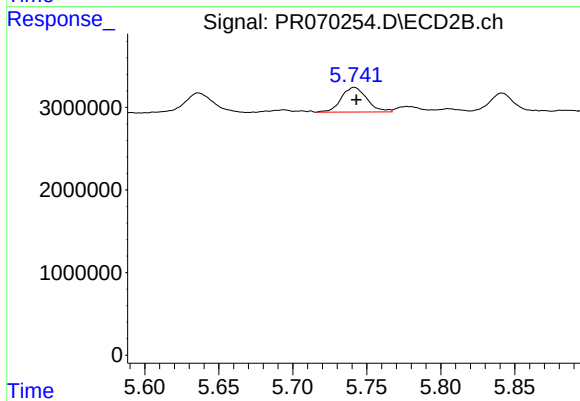
#28 AR-1254-3

R.T.: 5.494 min
Delta R.T.: 0.000 min
Response: 7187105
Conc: 22.52 ng/ml



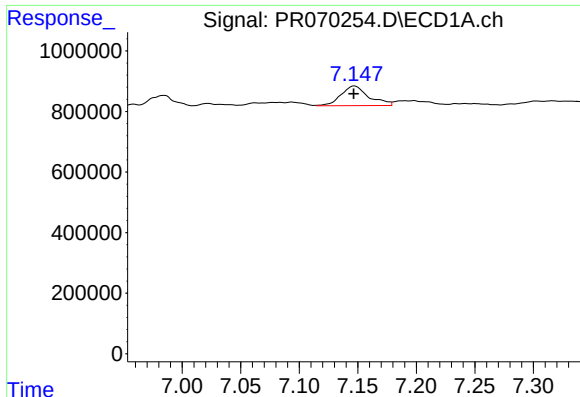
#29 AR-1254-4

R.T.: 6.690 min
Delta R.T.: 0.000 min
Response: 984809
Conc: 30.82 ng/ml



#29 AR-1254-4

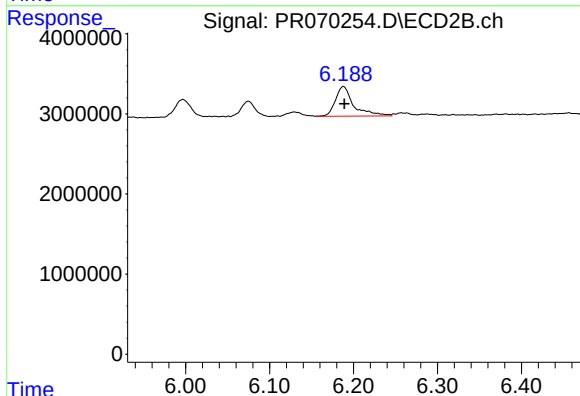
R.T.: 5.742 min
Delta R.T.: -0.001 min
Response: 3631654
Conc: 22.56 ng/ml



#30 AR-1254-5

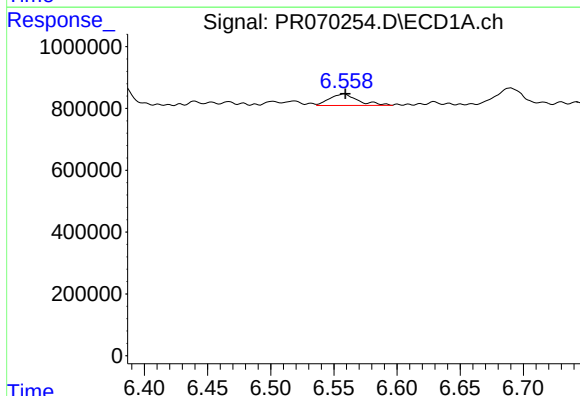
R.T.: 7.147 min
Delta R.T.: 0.000 min
Response: 1073396
Conc: 27.80 ng/ml

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



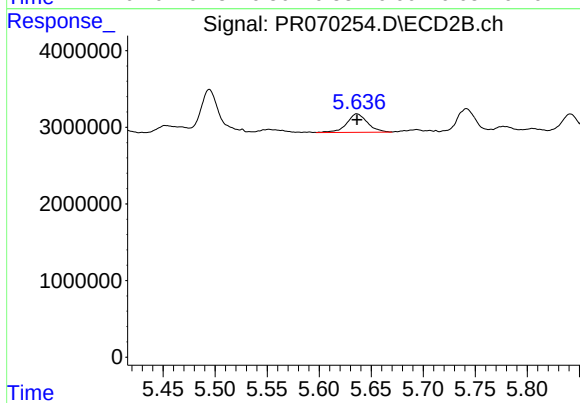
#30 AR-1254-5

R.T.: 6.188 min
Delta R.T.: -0.001 min
Response: 5614959
Conc: 21.59 ng/ml



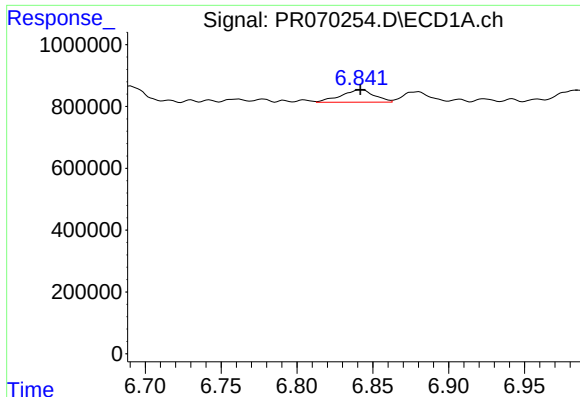
#31 AR-1260-1

R.T.: 6.558 min
Delta R.T.: -0.001 min
Response: 584299
Conc: 13.49 ng/ml



#31 AR-1260-1

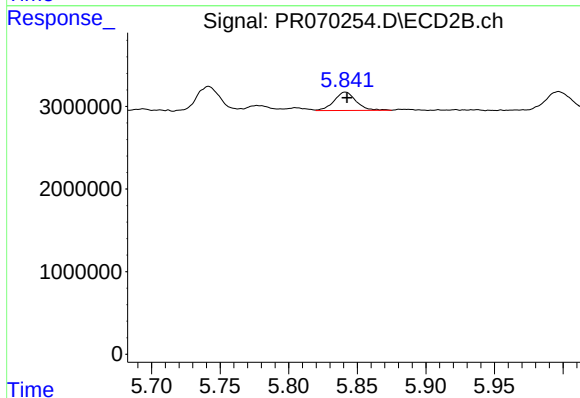
R.T.: 5.636 min
Delta R.T.: 0.000 min
Response: 3328752
Conc: 15.13 ng/ml



#32 AR-1260-2

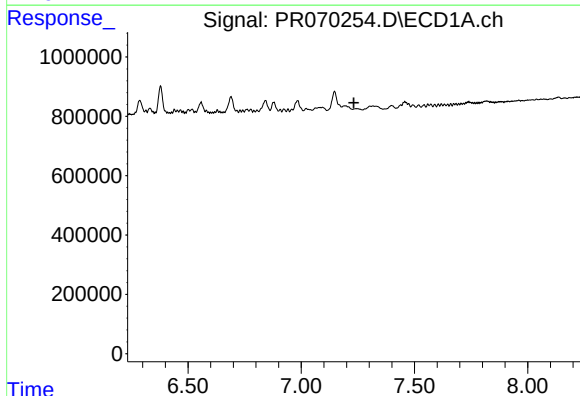
R.T.: 6.842 min
Delta R.T.: 0.000 min
Response: 616811
Conc: 13.64 ng/ml

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



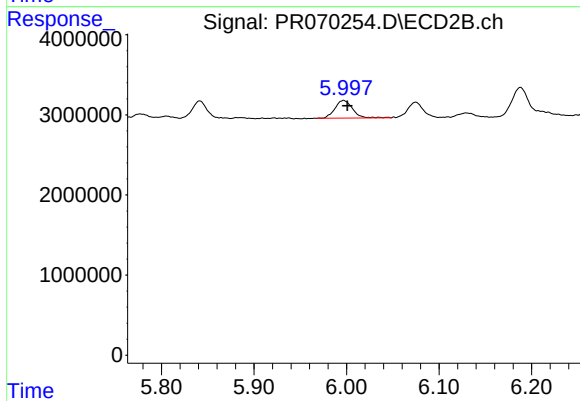
#32 AR-1260-2

R.T.: 5.841 min
Delta R.T.: -0.001 min
Response: 2482898
Conc: 10.08 ng/ml



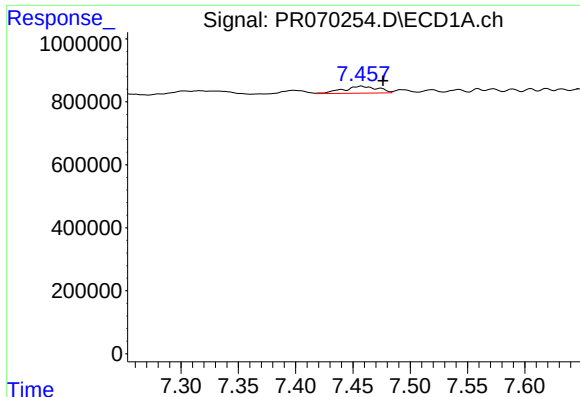
#33 AR-1260-3

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



#33 AR-1260-3

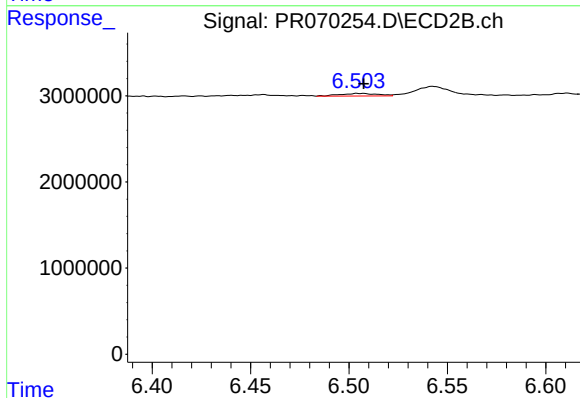
R.T.: 5.997 min
Delta R.T.: -0.004 min
Response: 2951306
Conc: 12.38 ng/ml



#34 AR-1260-4

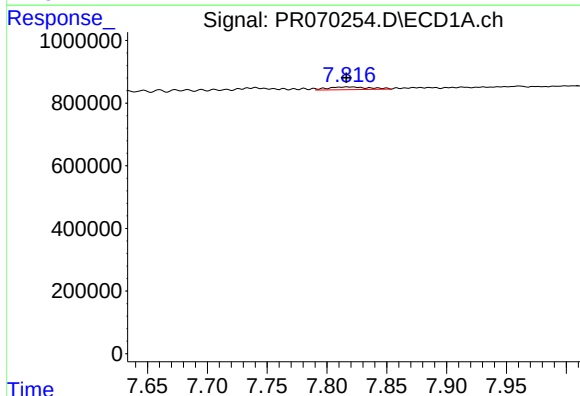
R.T.: 7.457 min
Delta R.T.: -0.019 min
Response: 464016
Conc: 11.65 ng/ml

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



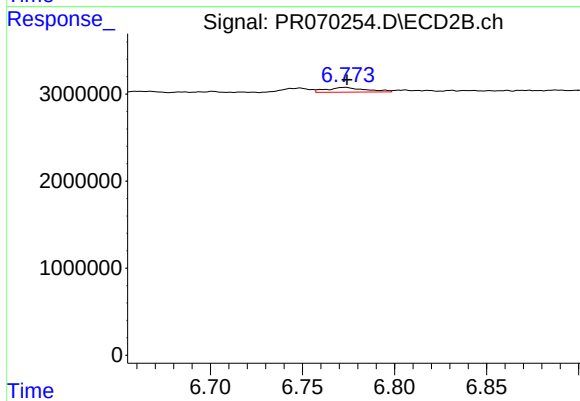
#34 AR-1260-4

R.T.: 6.506 min
Delta R.T.: -0.002 min
Response: 425957
Conc: 2.16 ng/ml



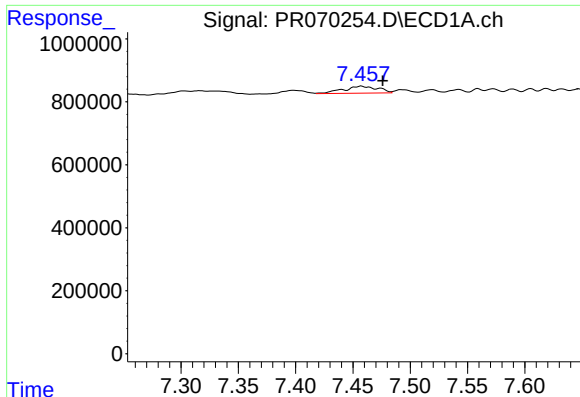
#35 AR-1260-5

R.T.: 7.819 min
Delta R.T.: 0.002 min
Response: 207725
Conc: 3.23 ng/ml



#35 AR-1260-5

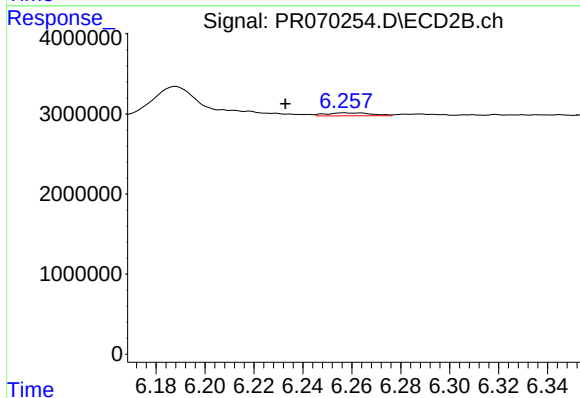
R.T.: 6.773 min
Delta R.T.: -0.001 min
Response: 805169
Conc: 1.96 ng/ml



#36 AR-1262-1

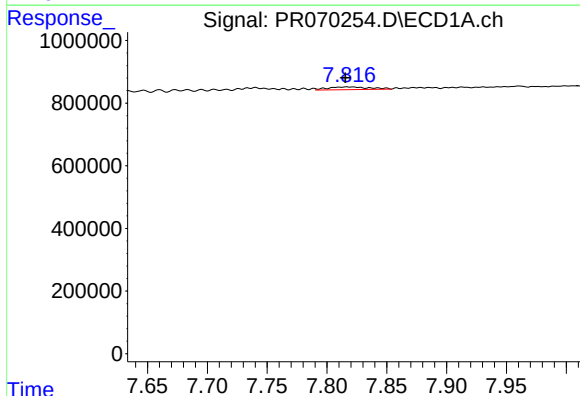
R.T.: 7.457 min
Delta R.T.: -0.019 min
Response: 464016
Conc: 9.20 ng/ml

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



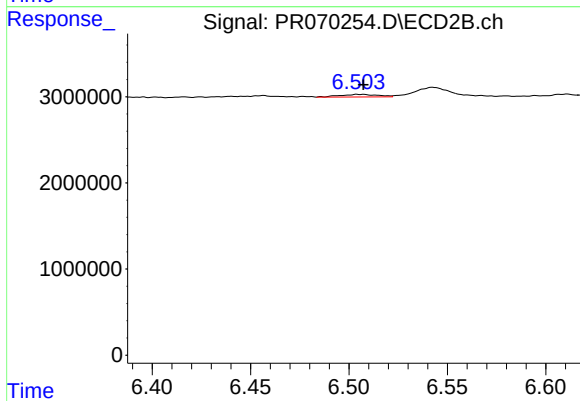
#36 AR-1262-1

R.T.: 6.257 min
Delta R.T.: 0.024 min
Response: 478880
Conc: 1.56 ng/ml



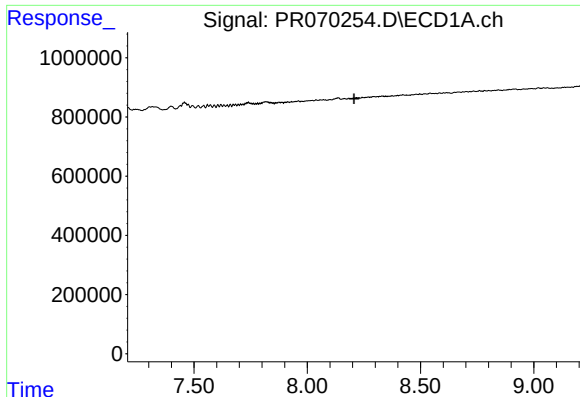
#37 AR-1262-2

R.T.: 7.819 min
Delta R.T.: 0.003 min
Response: 207725
Conc: 2.75 ng/ml



#37 AR-1262-2

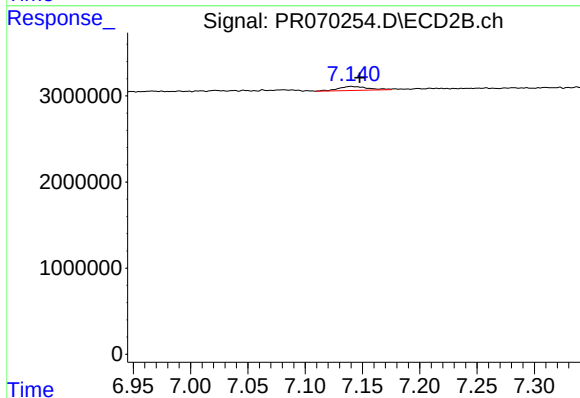
R.T.: 6.506 min
Delta R.T.: -0.002 min
Response: 425957
Conc: 1.58 ng/ml



#39 AR-1262-4

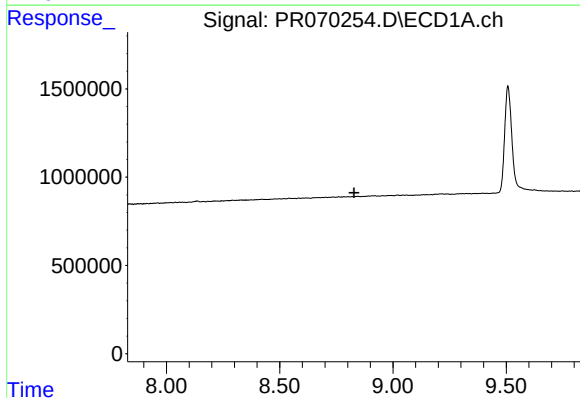
R.T.: 0.000 min
Exp R.T.: 8.206 min
Response: 0
Conc: N.D.

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



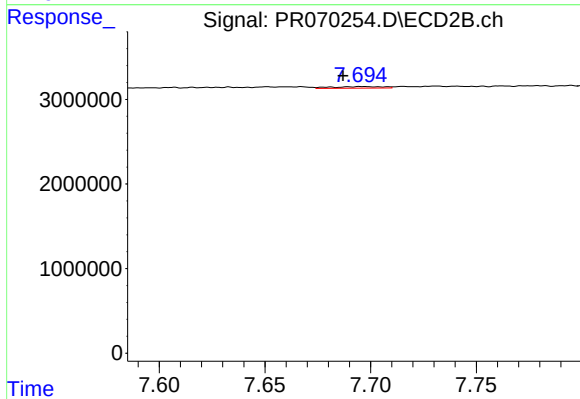
#39 AR-1262-4

R.T.: 7.140 min
Delta R.T.: -0.007 min
Response: 828778
Conc: 2.30 ng/ml



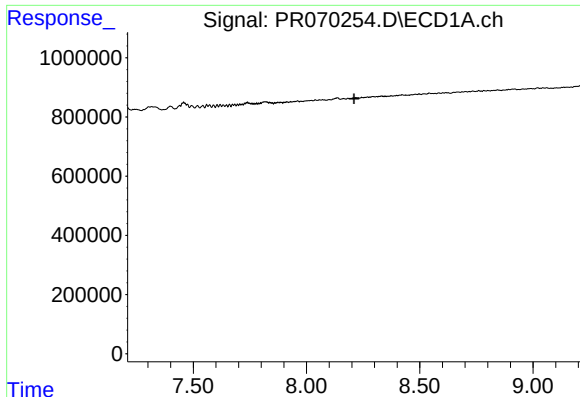
#40 AR-1262-5

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



#40 AR-1262-5

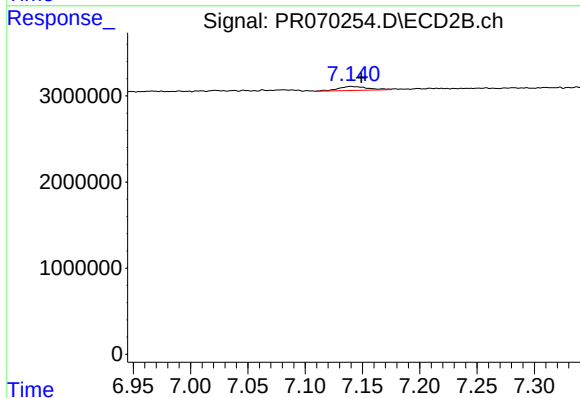
R.T.: 7.696 min
Delta R.T.: 0.009 min
Response: 312348
Conc: 2.05 ng/ml



#42 AR-1268-2

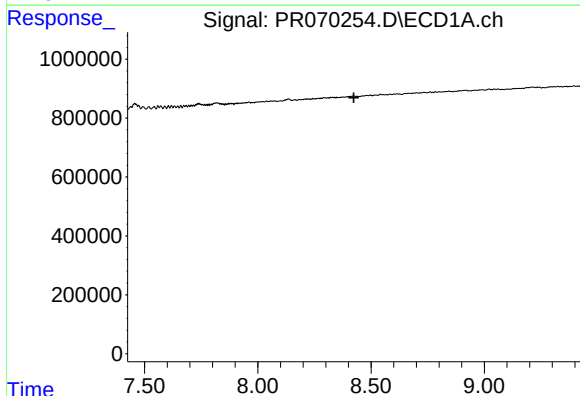
R.T.: 0.000 min
Exp R.T.: 8.210 min
Response: 0
Conc: N.D.

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



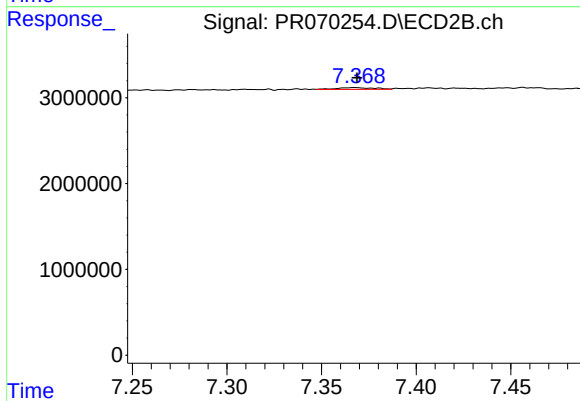
#42 AR-1268-2

R.T.: 7.140 min
Delta R.T.: -0.009 min
Response: 828778
Conc: 1.58 ng/ml



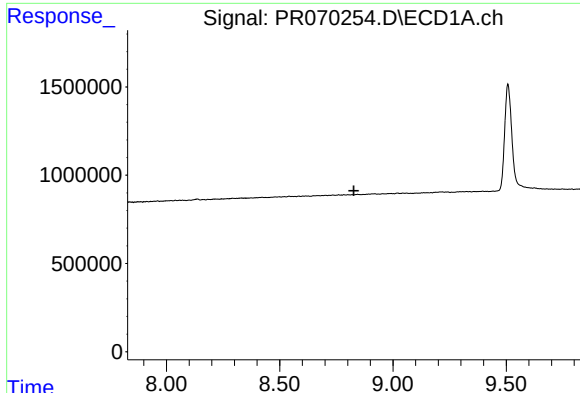
#43 AR-1268-3

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



#43 AR-1268-3

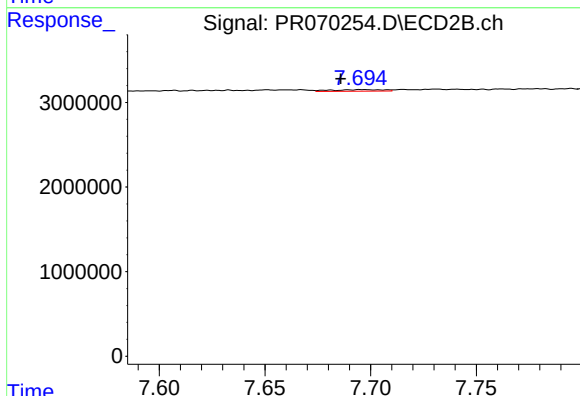
R.T.: 7.368 min
Delta R.T.: -0.001 min
Response: 274895
Conc: 0.56 ng/ml



#44 AR-1268-4

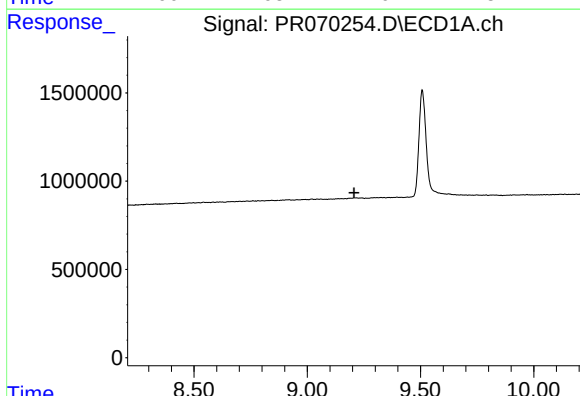
R.T.: 0.000 min
Exp R.T.: 8.828 min
Response: 0
Conc: N.D.

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



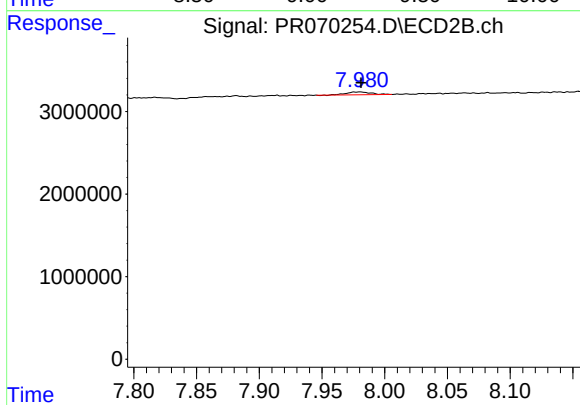
#44 AR-1268-4

R.T.: 7.696 min
Delta R.T.: 0.010 min
Response: 312348
Conc: 1.83 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.: 7.980 min
Delta R.T.: 0.000 min
Response: 462900
Conc: 0.33 ng/ml