

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR021025\
 Data File : PR070275.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Feb 2025 21:47
 Operator : AJ\MA
 Sample : Q1168-01
 Misc : AR1254 LOD 40 PPB
 ALS Vial : 39 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 00:51:24 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	18922703	97951845	16.758	16.798
2)	SA Decachlor...	9.508	8.224	13273982	74698050	18.568	18.244
Target Compounds							
3)	L1 AR-1016-1	0.000	4.075	0	189959	N.D.	1.204 #
4)	L1 AR-1016-2	0.000	4.104	0	361885	N.D.	1.519 #
5)	L1 AR-1016-3	0.000	4.273	0	29163	N.D.	0.232 #
6)	L1 AR-1016-4	0.000	4.322	0	3890398	N.D.	35.400 #
7)	L1 AR-1016-5	5.346	4.540	350389	2077479	14.625	15.230
9)	L2 AR-1221-2	3.936	3.259	274315	1346621	28.097	26.299
12)	L3 AR-1232-2	0.000	4.104	0	361885	N.D.	3.260 #
13)	L3 AR-1232-3	0.000	4.273	0	29163	N.D.	0.505 #
14)	L3 AR-1232-4	0.000	4.363	0	1278051	N.D.	24.084 #
15)	L3 AR-1232-5	5.180	4.540	226627	2077479	23.605	36.309 #
16)	L4 AR-1242-1	0.000	4.075	0	189959	N.D.	1.469 #
17)	L4 AR-1242-2	0.000	4.104	0	361885	N.D.	1.861 #
18)	L4 AR-1242-3	0.000	4.273	0	29163	N.D.	0.280 #
19)	L4 AR-1242-4	0.000	4.363	0	1278051	N.D.	12.470 #
20)	L4 AR-1242-5	5.822	4.912	341151	9157552	18.018	79.915 #
21)	L5 AR-1248-1	0.000	4.075	0	189959	N.D.	1.969 #
22)	L5 AR-1248-2	5.135	4.322	761018	3890398	27.435	26.813
23)	L5 AR-1248-3	5.346	4.363	350389	1278051	11.128	8.632
24)	L5 AR-1248-4	5.779	4.540	478514	2077479	15.903	11.819 #
25)	L5 AR-1248-5	5.822	4.954	341151	1206090	10.736	8.032 #
26)	L6 AR-1254-1	5.750	4.912	1362330	9157552	37.387	36.235
27)	L6 AR-1254-2	5.986	5.072	1988276	8206097	36.740	37.660
28)	L6 AR-1254-3	6.378	5.495	2047366	11045436	38.315	34.605
29)	L6 AR-1254-4	6.690	5.742	1273620	5565514	39.860	34.576
30)	L6 AR-1254-5	7.147	6.188	1564642	8994098	40.524	34.584
31)	L7 AR-1260-1	6.558	5.636	992951	5385927	22.920	24.477
32)	L7 AR-1260-2	6.841	5.842	1044271	4046574	23.093	16.433 #
33)	L7 AR-1260-3	0.000	5.997	0	4614288	N.D.	19.361 #
34)	L7 AR-1260-4	7.456f	6.508	604920	577917	15.187	2.934 #
35)	L7 AR-1260-5	7.814	6.773	235921	926350	3.669	2.251 #
36)	L8 AR-1262-1	7.456f	6.260f	604920	770125	11.993	2.502 #
37)	L8 AR-1262-2	7.814	6.508	235921	577917	3.122	2.139 #
39)	L8 AR-1262-4	0.000	7.141	0	763259	N.D.	2.118 #
42)	L9 AR-1268-2	0.000	7.141	0	763259	N.D.	1.457 #
43)	L9 AR-1268-3	0.000	7.370	0	236165	N.D.	0.483 #
45)	L9 AR-1268-5	0.000	7.981	0	315564	N.D.	0.227 #

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

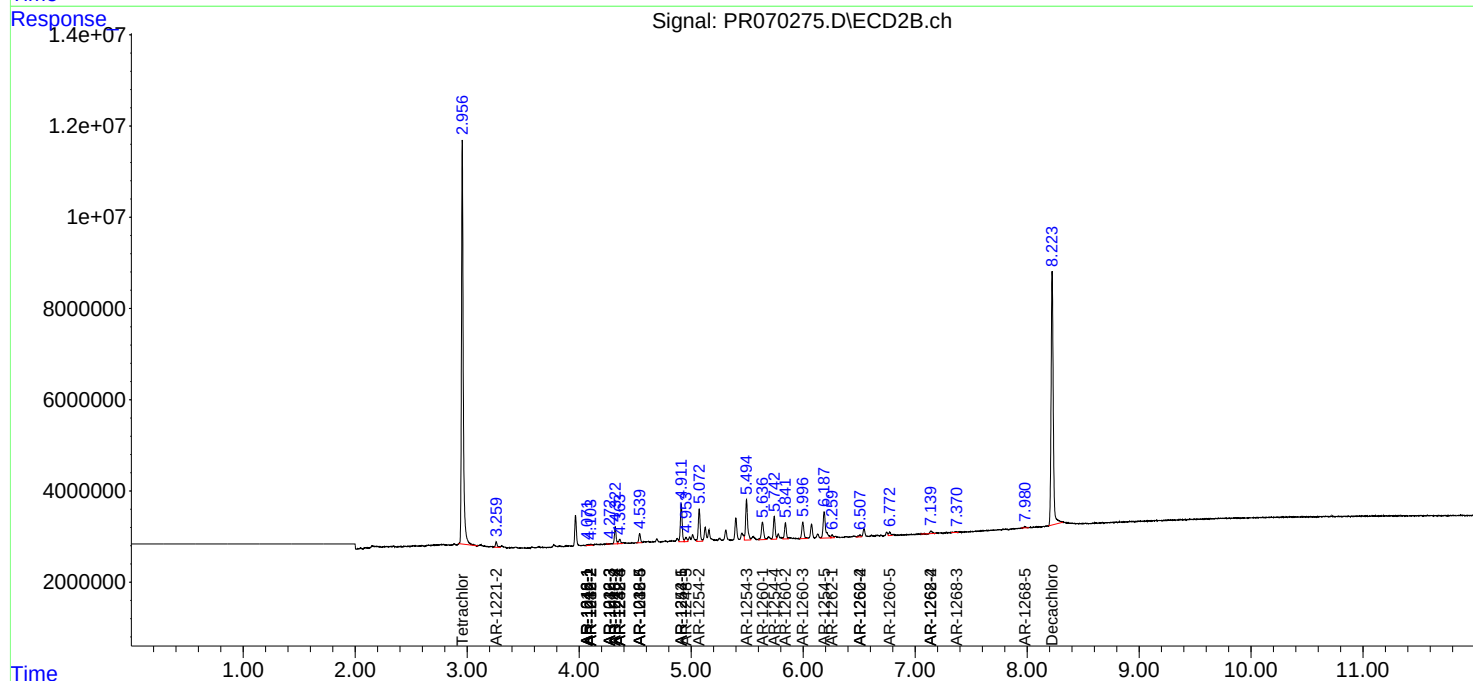
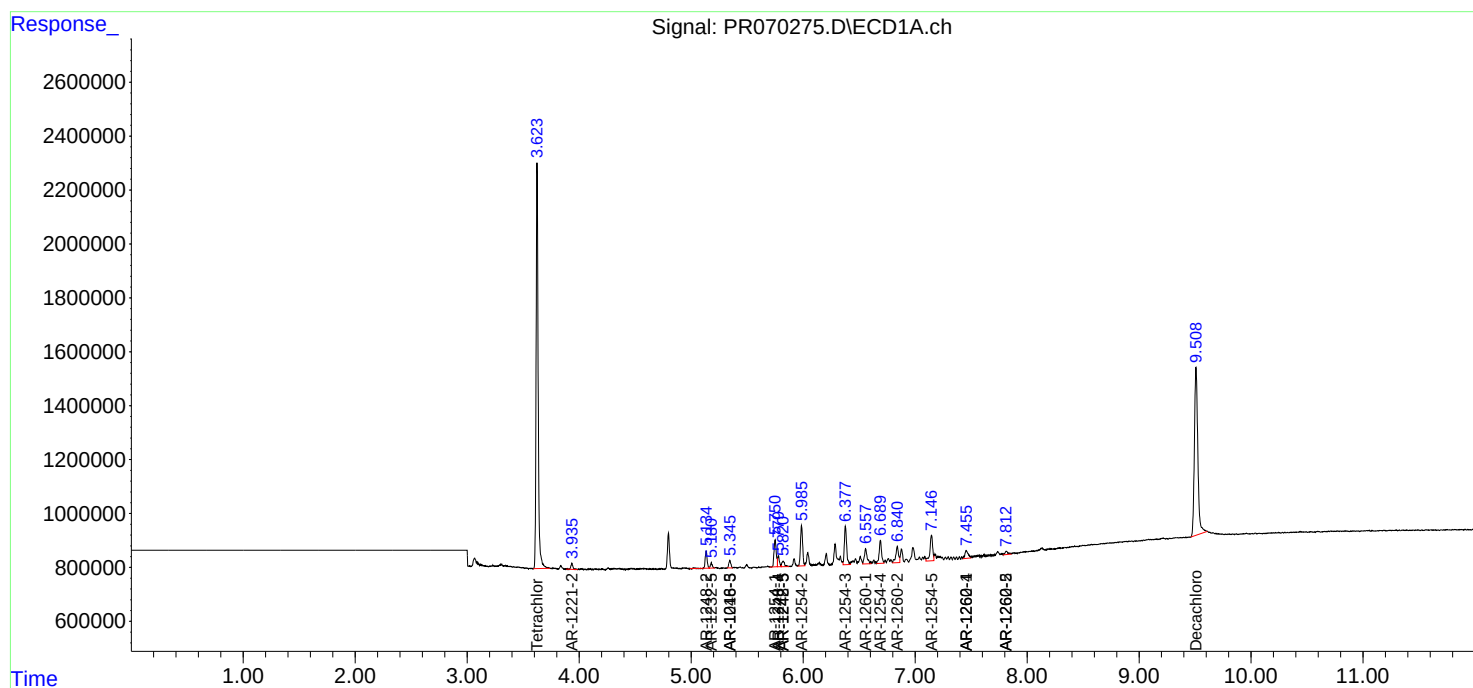
Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025

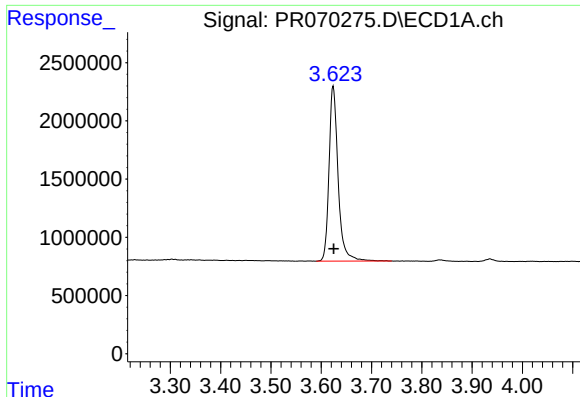
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR021025\
Data File : PR070275.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Feb 2025 21:47
Operator : AJ\MA
Sample : Q1168-01
Misc : AR1254 LOD 40 PPB
ALS Vial : 39 Sample Multiplier: 1

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 00:51:24 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

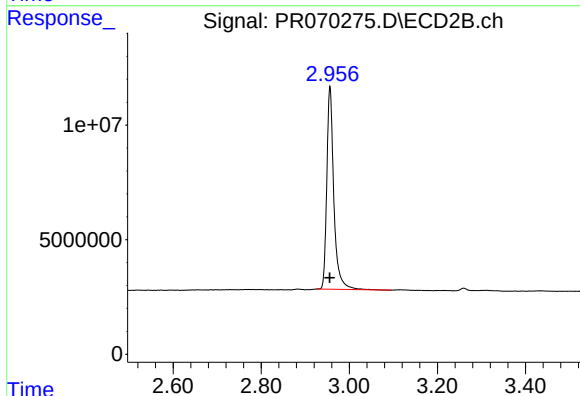




#1 Tetrachloro-m-xylene

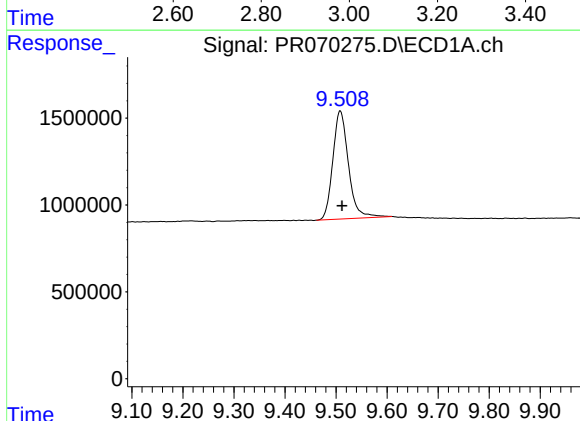
R.T.: 3.624 min
Delta R.T.: 0.000 min
Response: 18922703
Conc: 16.76 ng/ml

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



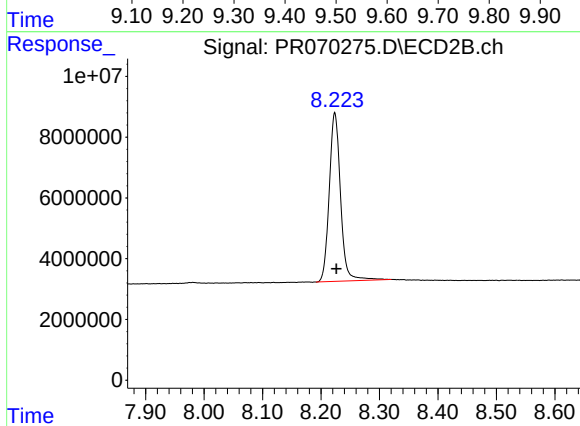
#1 Tetrachloro-m-xylene

R.T.: 2.956 min
Delta R.T.: 0.000 min
Response: 97951845
Conc: 16.80 ng/ml



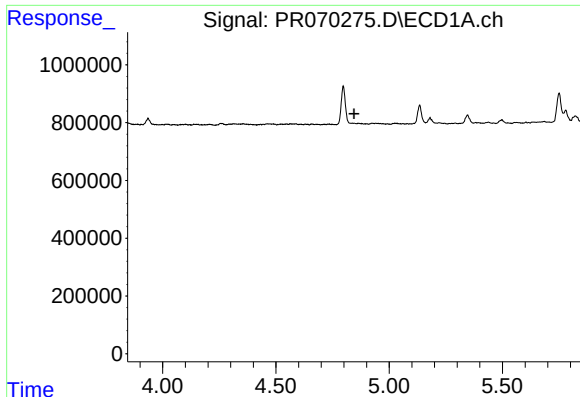
#2 Decachlorobiphenyl

R.T.: 9.508 min
Delta R.T.: -0.004 min
Response: 13273982
Conc: 18.57 ng/ml



#2 Decachlorobiphenyl

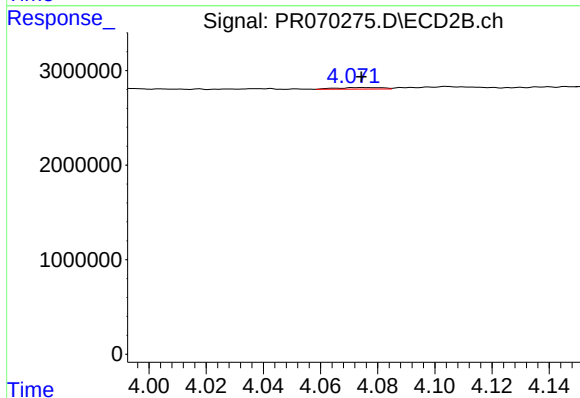
R.T.: 8.224 min
Delta R.T.: -0.002 min
Response: 74698050
Conc: 18.24 ng/ml



#3 AR-1016-1

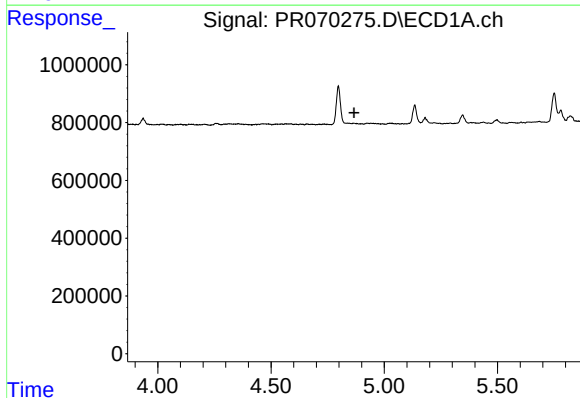
R.T.: 0.000 min
Exp R.T.: 4.845 min
Response: 0
Conc: N.D.

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



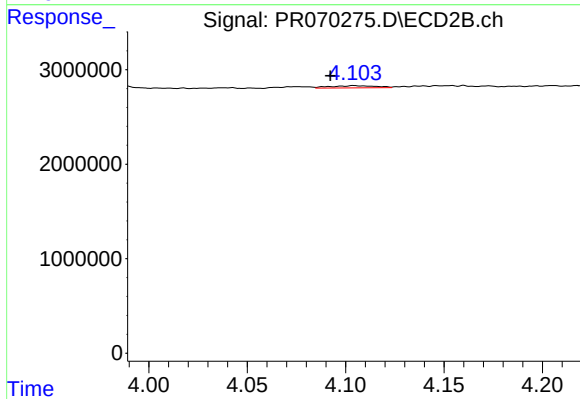
#3 AR-1016-1

R.T.: 4.075 min
Delta R.T.: 0.001 min
Response: 189959
Conc: 1.20 ng/ml



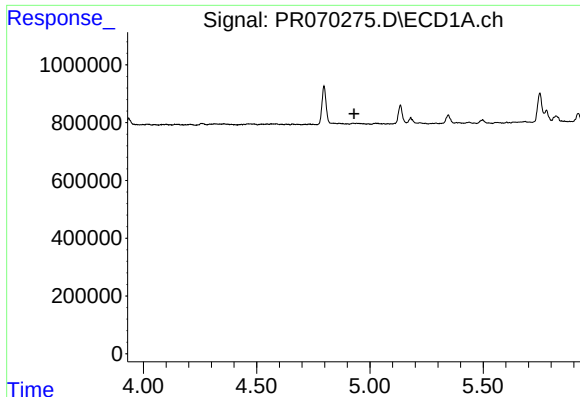
#4 AR-1016-2

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



#4 AR-1016-2

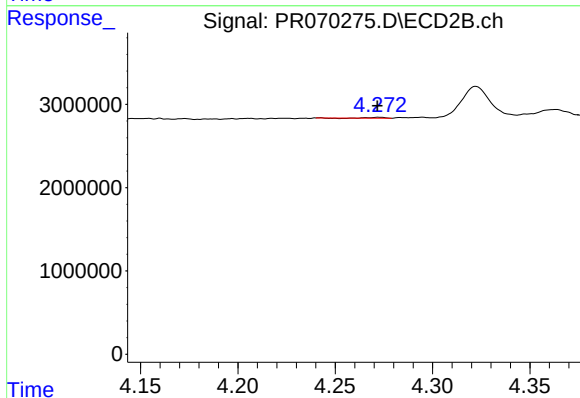
R.T.: 4.104 min
Delta R.T.: 0.012 min
Response: 361885
Conc: 1.52 ng/ml



#5 AR-1016-3

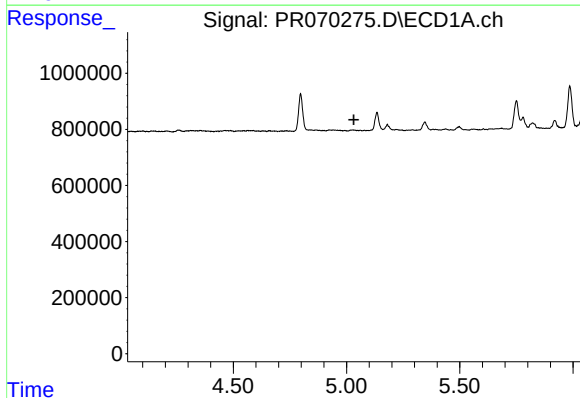
R.T.: 0.000 min
Exp R.T.: 4.930 min
Response: 0
Conc: N.D.

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



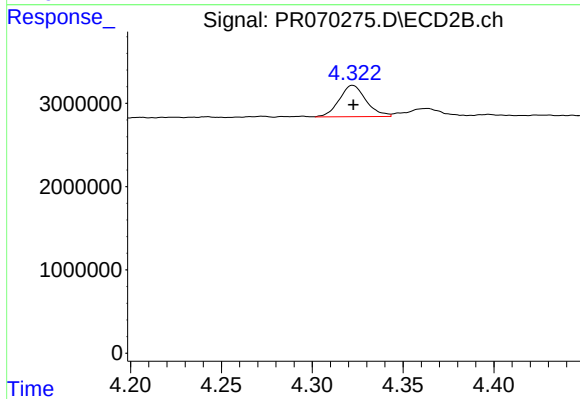
#5 AR-1016-3

R.T.: 4.273 min
Delta R.T.: 0.000 min
Response: 29163
Conc: 0.23 ng/ml



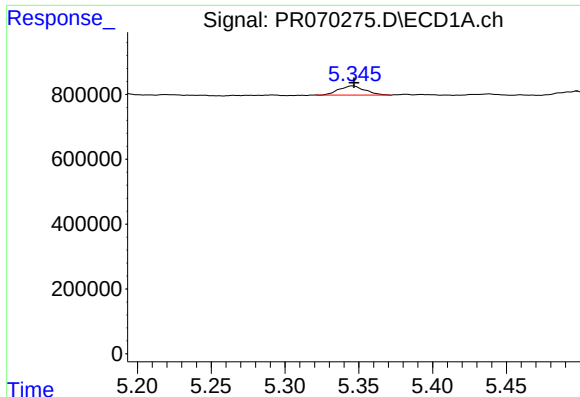
#6 AR-1016-4

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



#6 AR-1016-4

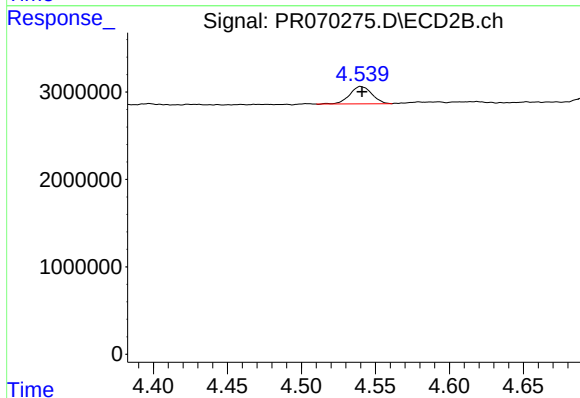
R.T.: 4.322 min
Delta R.T.: 0.000 min
Response: 3890398
Conc: 35.40 ng/ml



#7 AR-1016-5

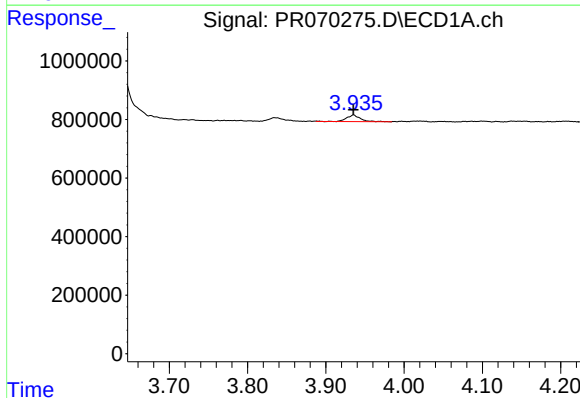
R.T.: 5.346 min
Delta R.T.: -0.001 min
Response: 350389
Conc: 14.63 ng/ml

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



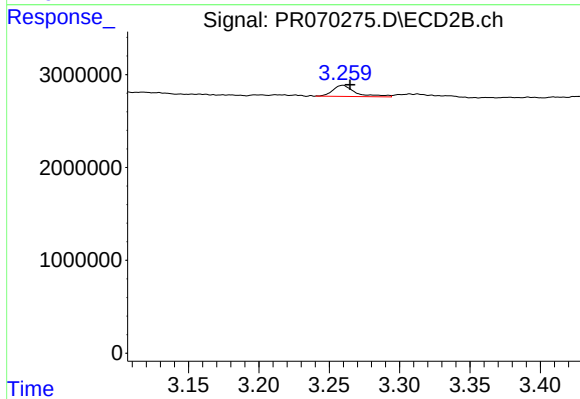
#7 AR-1016-5

R.T.: 4.540 min
Delta R.T.: 0.000 min
Response: 2077479
Conc: 15.23 ng/ml



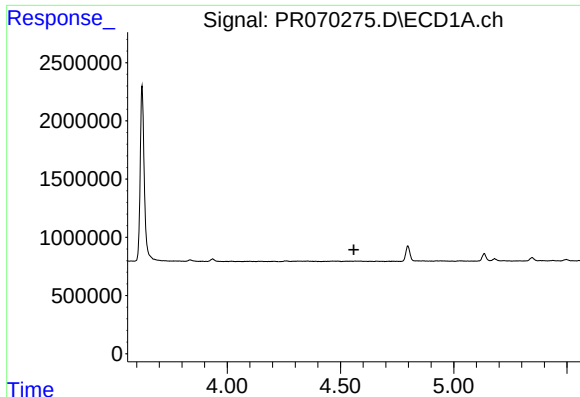
#9 AR-1221-2

R.T.: 3.936 min
Delta R.T.: 0.000 min
Response: 274315
Conc: 28.10 ng/ml



#9 AR-1221-2

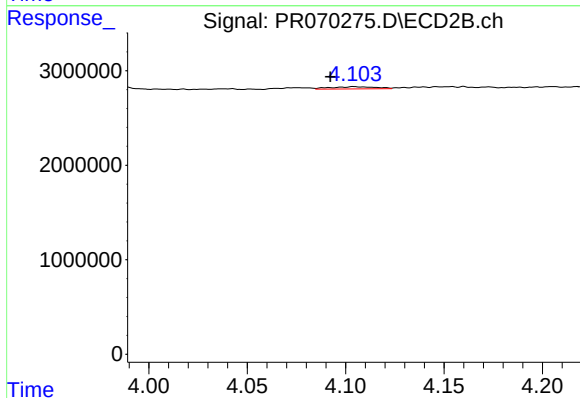
R.T.: 3.259 min
Delta R.T.: -0.005 min
Response: 1346621
Conc: 26.30 ng/ml



#12 AR-1232-2

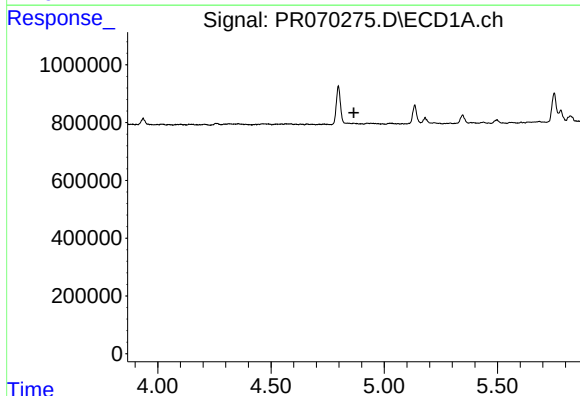
R.T.: 0.000 min
Exp R.T.: 4.559 min
Response: 0
Conc: N.D.

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



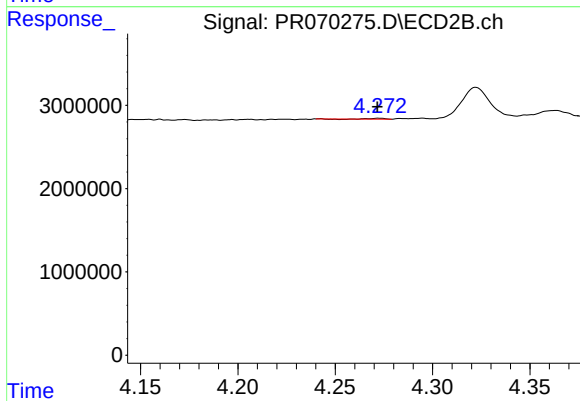
#12 AR-1232-2

R.T.: 4.104 min
Delta R.T.: 0.012 min
Response: 361885
Conc: 3.26 ng/ml



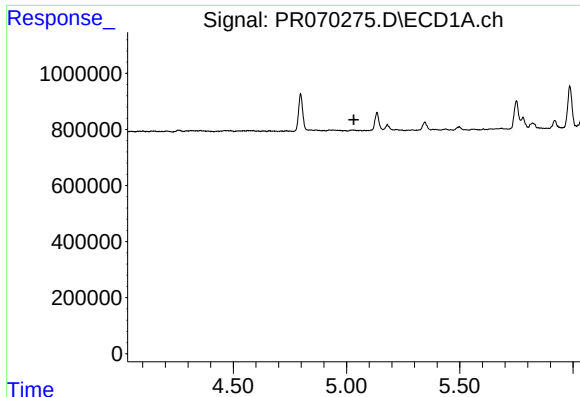
#13 AR-1232-3

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



#13 AR-1232-3

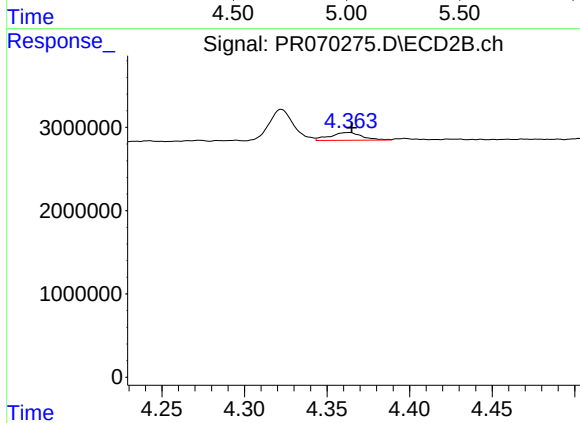
R.T.: 4.273 min
Delta R.T.: 0.000 min
Response: 29163
Conc: 0.51 ng/ml



#14 AR-1232-4

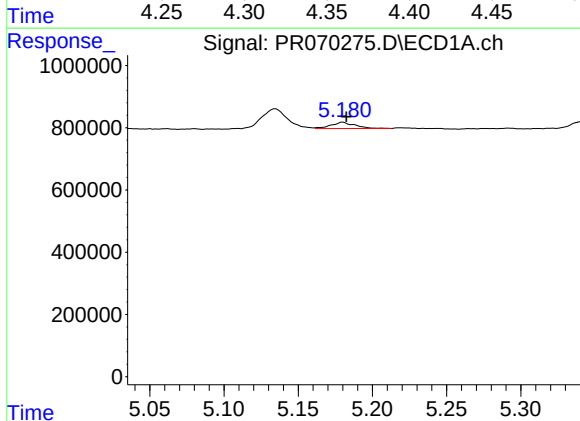
R.T.: 0.000 min
Exp R.T.: 5.032 min
Response: 0
Conc: N.D.

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



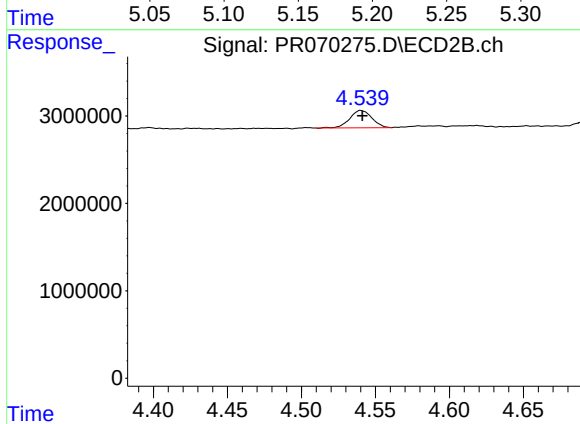
#14 AR-1232-4

R.T.: 4.363 min
Delta R.T.: -0.002 min
Response: 1278051
Conc: 24.08 ng/ml



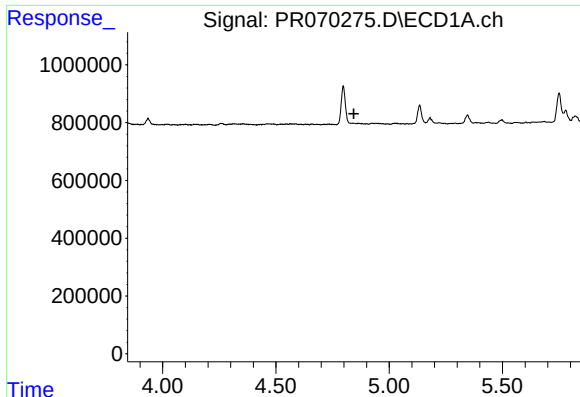
#15 AR-1232-5

R.T.: 5.180 min
Delta R.T.: -0.002 min
Response: 226627
Conc: 23.61 ng/ml



#15 AR-1232-5

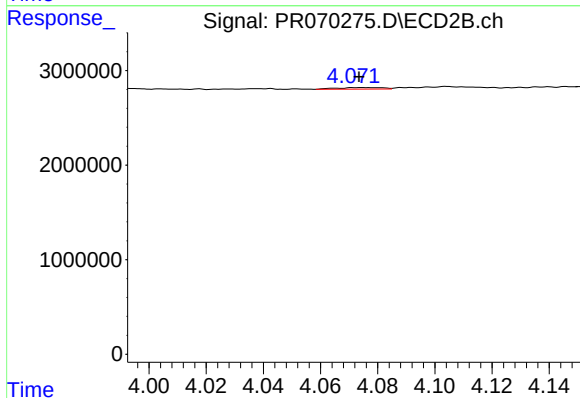
R.T.: 4.540 min
Delta R.T.: 0.000 min
Response: 2077479
Conc: 36.31 ng/ml



#16 AR-1242-1

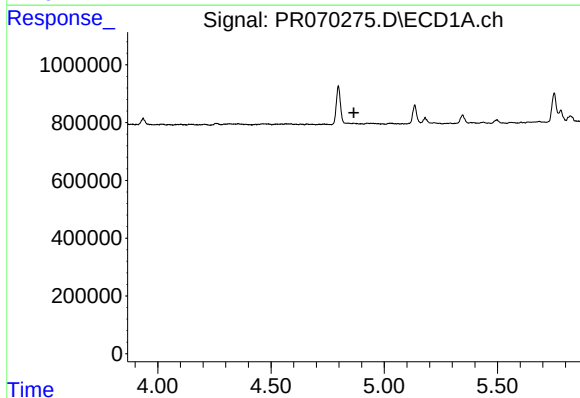
R.T.: 0.000 min
Exp R.T.: 4.844 min
Response: 0
Conc: N.D.

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



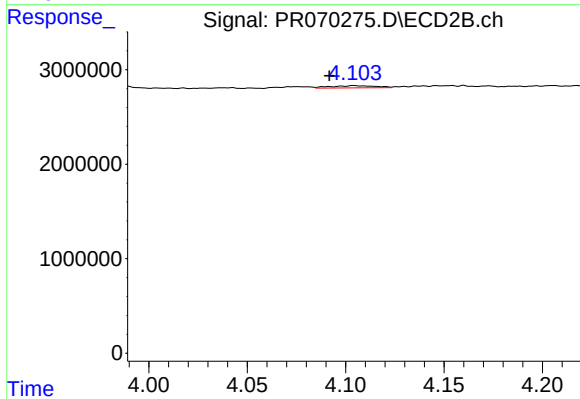
#16 AR-1242-1

R.T.: 4.075 min
Delta R.T.: 0.002 min
Response: 189959
Conc: 1.47 ng/ml



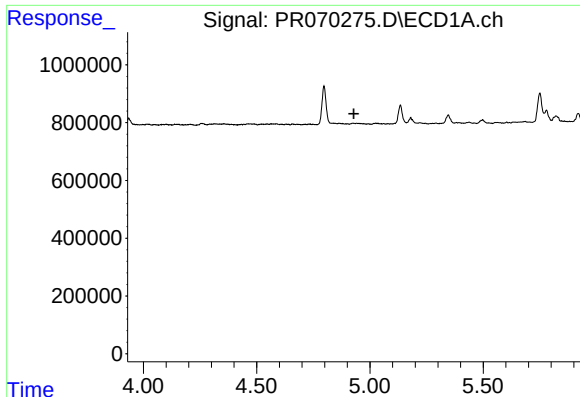
#17 AR-1242-2

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



#17 AR-1242-2

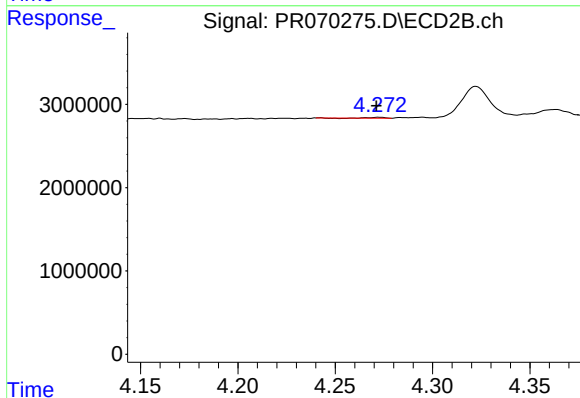
R.T.: 4.104 min
Delta R.T.: 0.013 min
Response: 361885
Conc: 1.86 ng/ml



#18 AR-1242-3

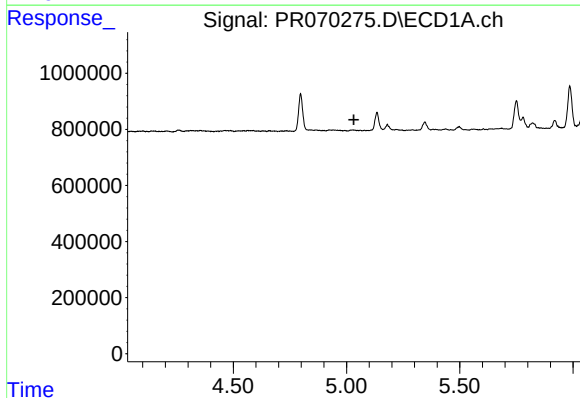
R.T.: 0.000 min
Exp R.T.: 4.930 min
Response: 0
Conc: N.D.

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



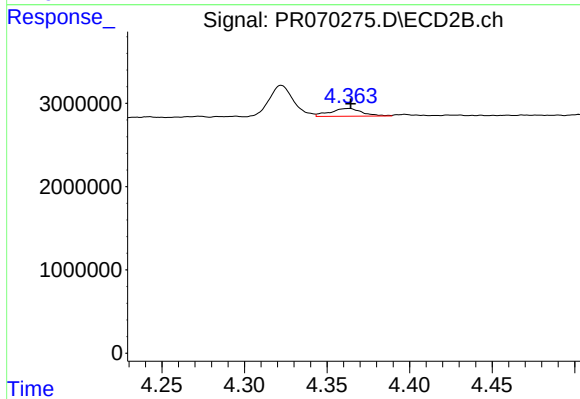
#18 AR-1242-3

R.T.: 4.273 min
Delta R.T.: 0.002 min
Response: 29163
Conc: 0.28 ng/ml



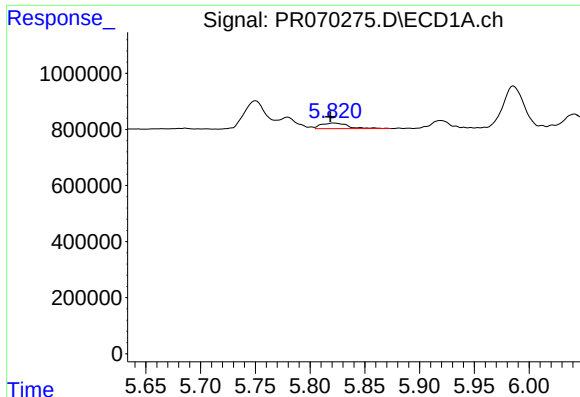
#19 AR-1242-4

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



#19 AR-1242-4

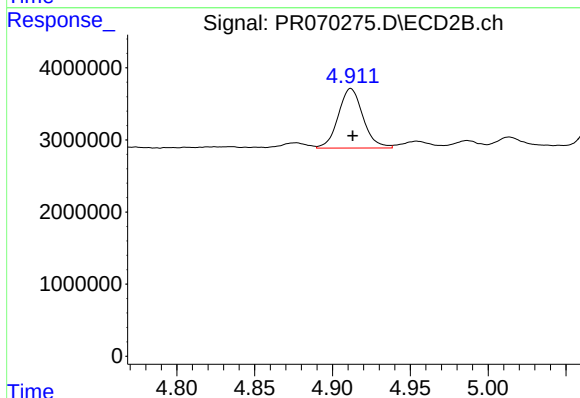
R.T.: 4.363 min
Delta R.T.: -0.002 min
Response: 1278051
Conc: 12.47 ng/ml



#20 AR-1242-5

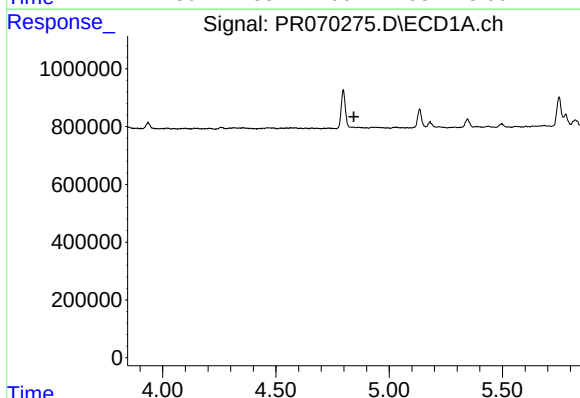
R.T.: 5.822 min
Delta R.T.: 0.004 min
Response: 341151
Conc: 18.02 ng/ml

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



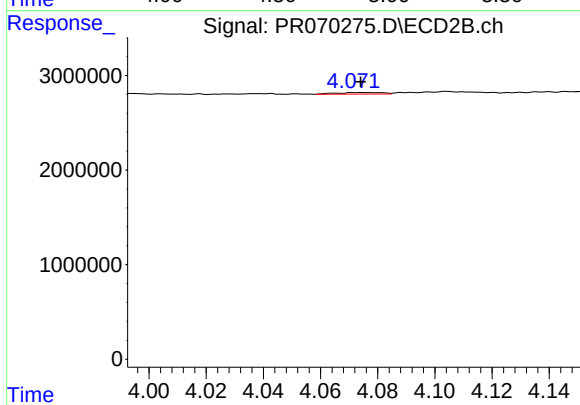
#20 AR-1242-5

R.T.: 4.912 min
Delta R.T.: -0.001 min
Response: 9157552
Conc: 79.91 ng/ml



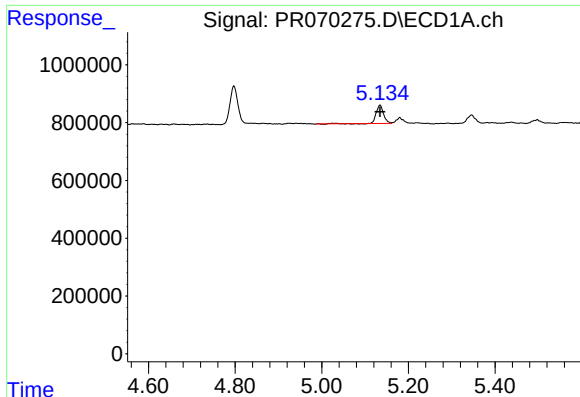
#21 AR-1248-1

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



#21 AR-1248-1

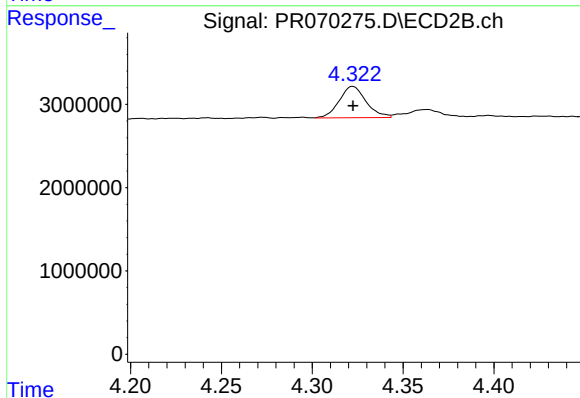
R.T.: 4.075 min
Delta R.T.: 0.002 min
Response: 189959
Conc: 1.97 ng/ml



#22 AR-1248-2

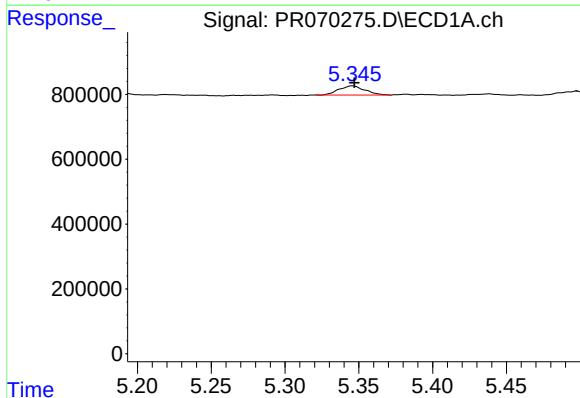
R.T.: 5.135 min
Delta R.T.: 0.000 min
Response: 761018
Conc: 27.43 ng/ml

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



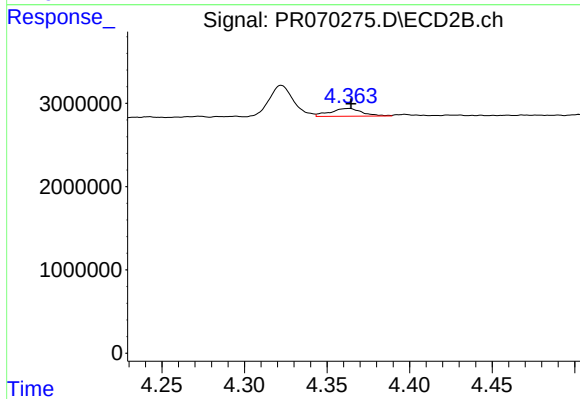
#22 AR-1248-2

R.T.: 4.322 min
Delta R.T.: 0.000 min
Response: 3890398
Conc: 26.81 ng/ml



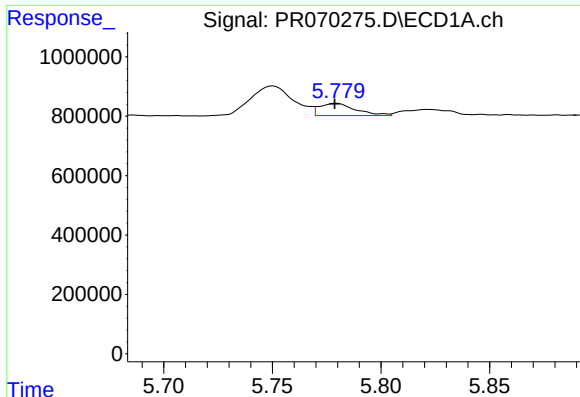
#23 AR-1248-3

R.T.: 5.346 min
Delta R.T.: -0.001 min
Response: 350389
Conc: 11.13 ng/ml



#23 AR-1248-3

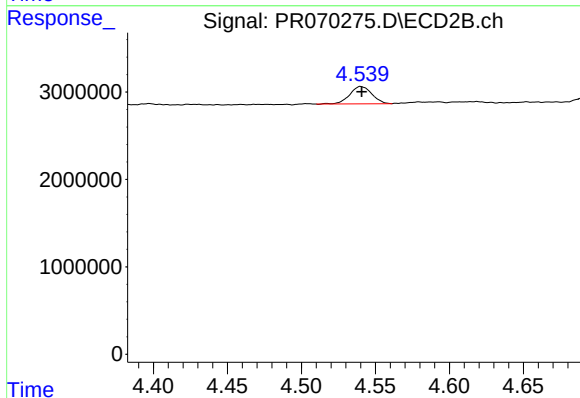
R.T.: 4.363 min
Delta R.T.: -0.002 min
Response: 1278051
Conc: 8.63 ng/ml



#24 AR-1248-4

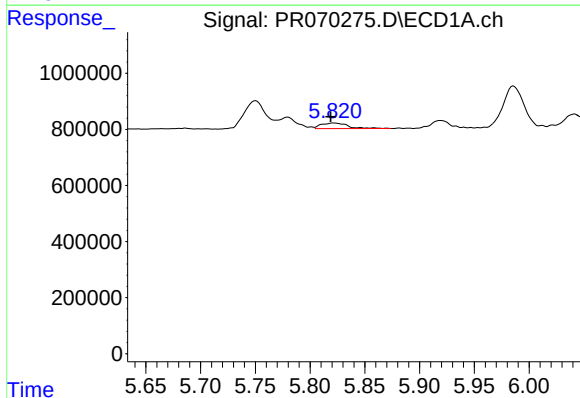
R.T.: 5.779 min
Delta R.T.: 0.000 min
Response: 478514
Conc: 15.90 ng/ml

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



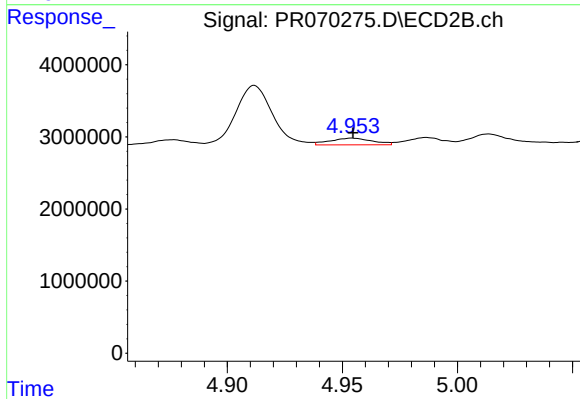
#24 AR-1248-4

R.T.: 4.540 min
Delta R.T.: 0.000 min
Response: 2077479
Conc: 11.82 ng/ml



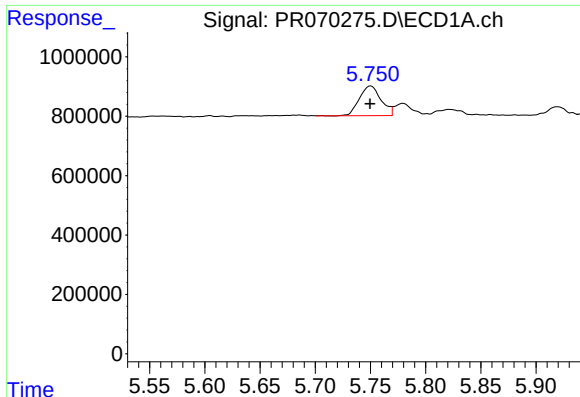
#25 AR-1248-5

R.T.: 5.822 min
Delta R.T.: 0.003 min
Response: 341151
Conc: 10.74 ng/ml



#25 AR-1248-5

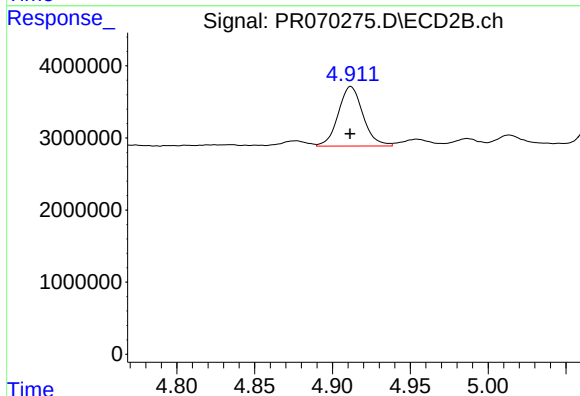
R.T.: 4.954 min
Delta R.T.: 0.000 min
Response: 1206090
Conc: 8.03 ng/ml



#26 AR-1254-1

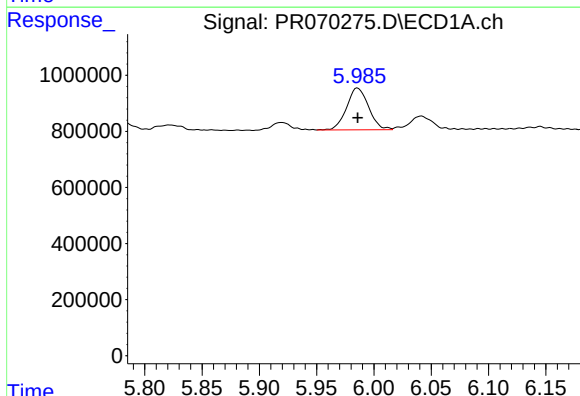
R.T.: 5.750 min
Delta R.T.: 0.000 min
Response: 1362330
Conc: 37.39 ng/ml

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



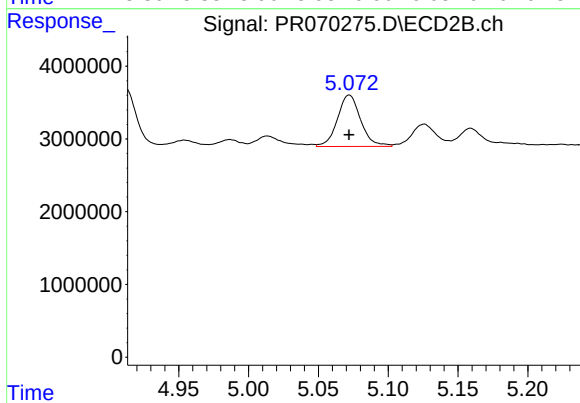
#26 AR-1254-1

R.T.: 4.912 min
Delta R.T.: 0.000 min
Response: 9157552
Conc: 36.23 ng/ml



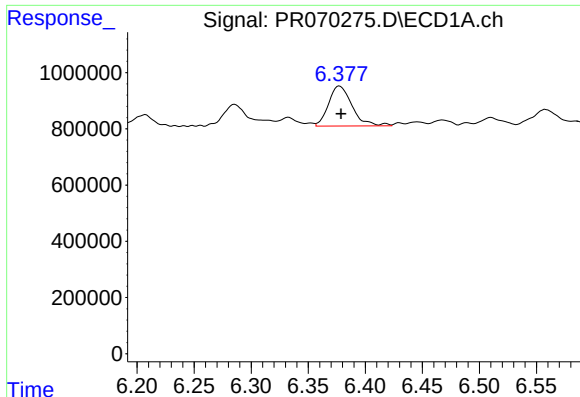
#27 AR-1254-2

R.T.: 5.986 min
Delta R.T.: 0.000 min
Response: 1988276
Conc: 36.74 ng/ml



#27 AR-1254-2

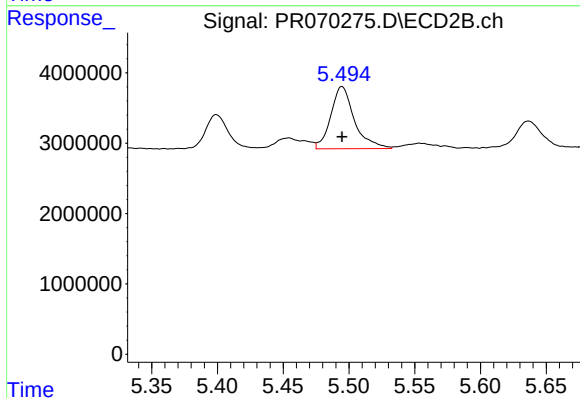
R.T.: 5.072 min
Delta R.T.: 0.000 min
Response: 8206097
Conc: 37.66 ng/ml



#28 AR-1254-3

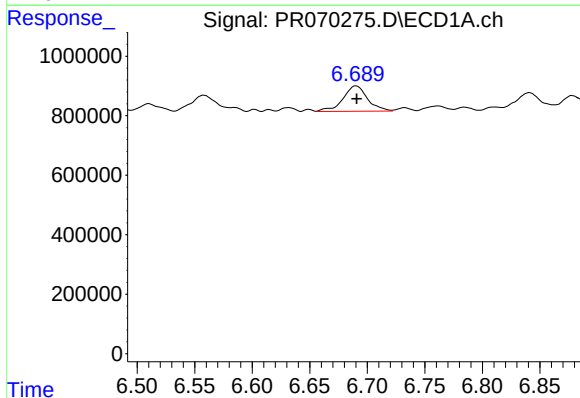
R.T.: 6.378 min
Delta R.T.: -0.001 min
Response: 2047366
Conc: 38.32 ng/ml

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



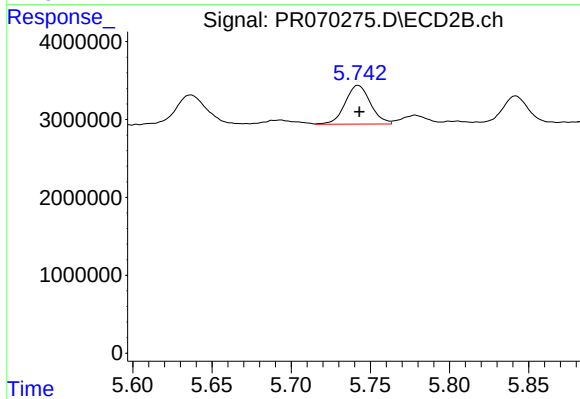
#28 AR-1254-3

R.T.: 5.495 min
Delta R.T.: 0.000 min
Response: 11045436
Conc: 34.60 ng/ml



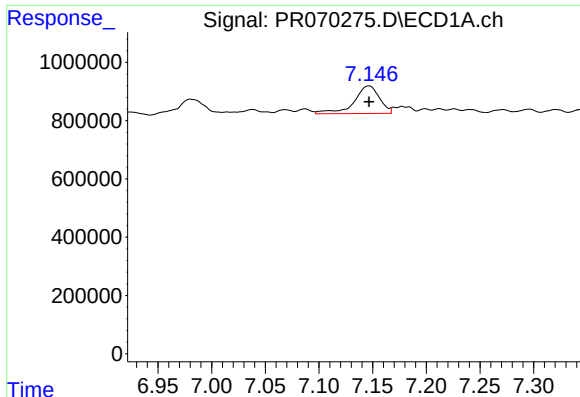
#29 AR-1254-4

R.T.: 6.690 min
Delta R.T.: 0.000 min
Response: 1273620
Conc: 39.86 ng/ml



#29 AR-1254-4

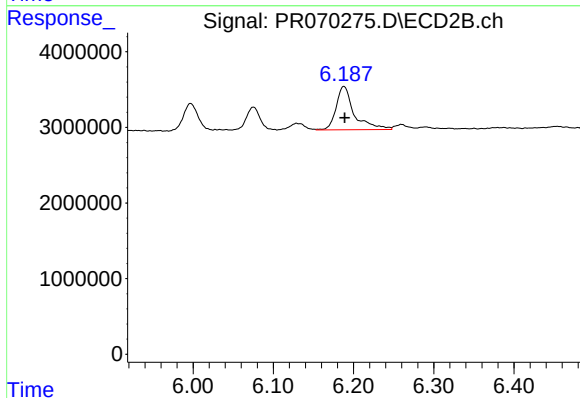
R.T.: 5.742 min
Delta R.T.: 0.000 min
Response: 5565514
Conc: 34.58 ng/ml



#30 AR-1254-5

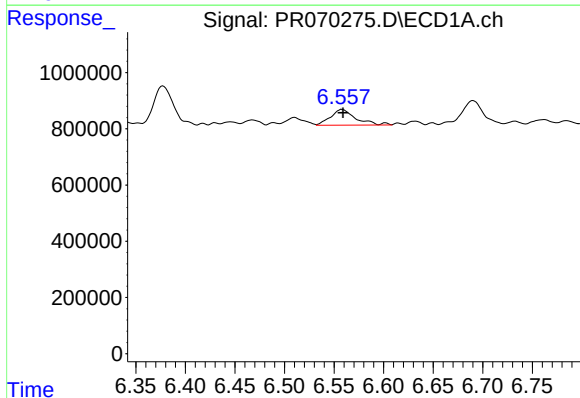
R.T.: 7.147 min
Delta R.T.: 0.000 min
Response: 1564642
Conc: 40.52 ng/ml

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



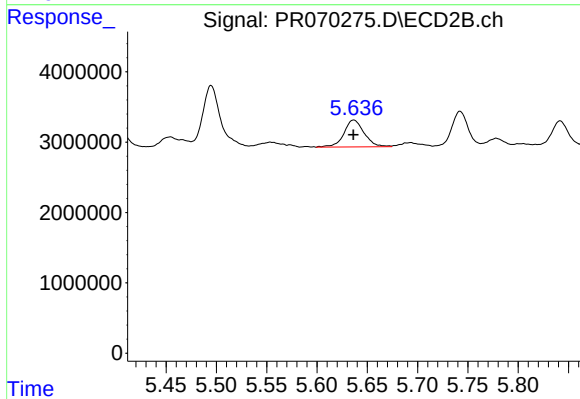
#30 AR-1254-5

R.T.: 6.188 min
Delta R.T.: -0.001 min
Response: 8994098
Conc: 34.58 ng/ml



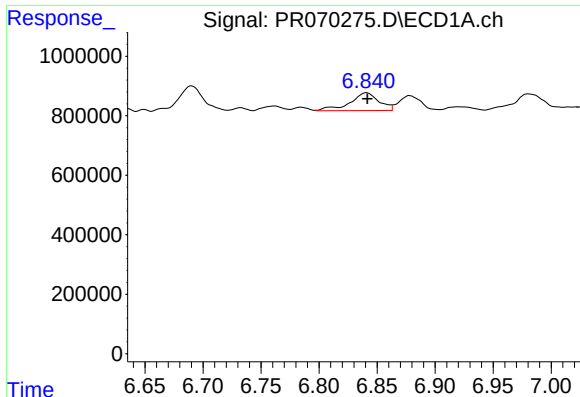
#31 AR-1260-1

R.T.: 6.558 min
Delta R.T.: 0.000 min
Response: 992951
Conc: 22.92 ng/ml



#31 AR-1260-1

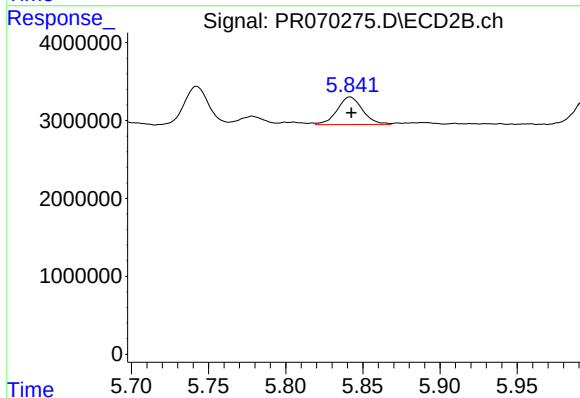
R.T.: 5.636 min
Delta R.T.: 0.000 min
Response: 5385927
Conc: 24.48 ng/ml



#32 AR-1260-2

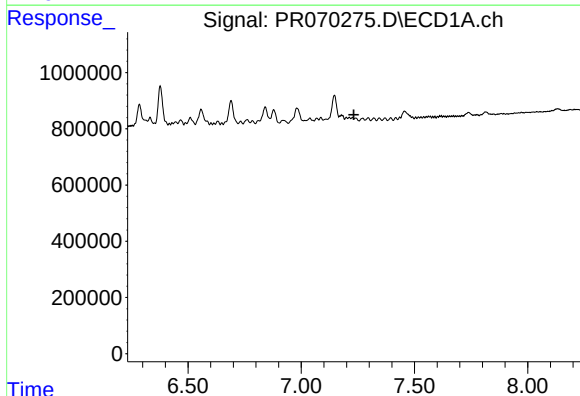
R.T.: 6.841 min
Delta R.T.: 0.000 min
Response: 1044271
Conc: 23.09 ng/ml

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



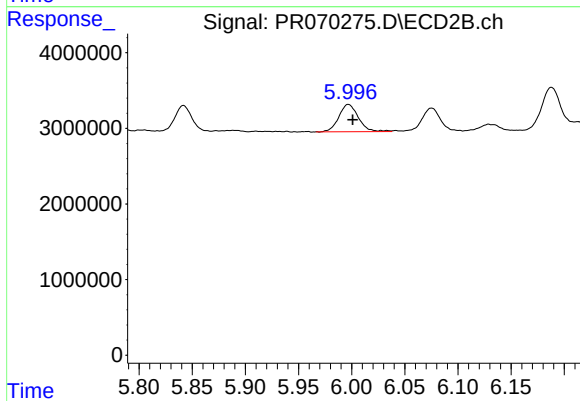
#32 AR-1260-2

R.T.: 5.842 min
Delta R.T.: 0.000 min
Response: 4046574
Conc: 16.43 ng/ml



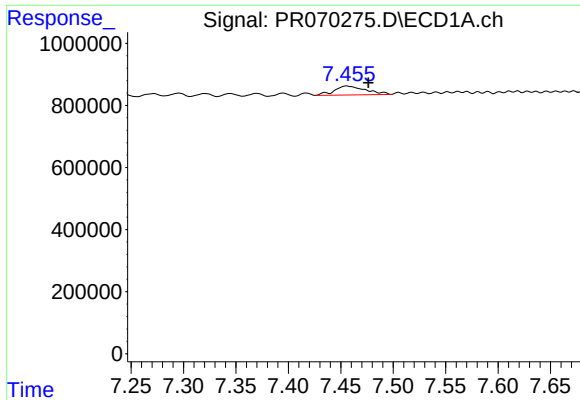
#33 AR-1260-3

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



#33 AR-1260-3

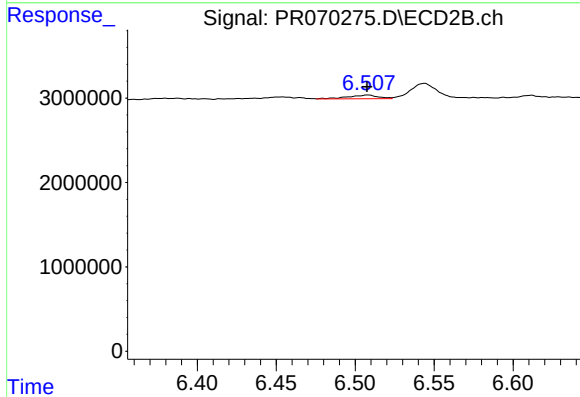
R.T.: 5.997 min
Delta R.T.: -0.004 min
Response: 4614288
Conc: 19.36 ng/ml



#34 AR-1260-4

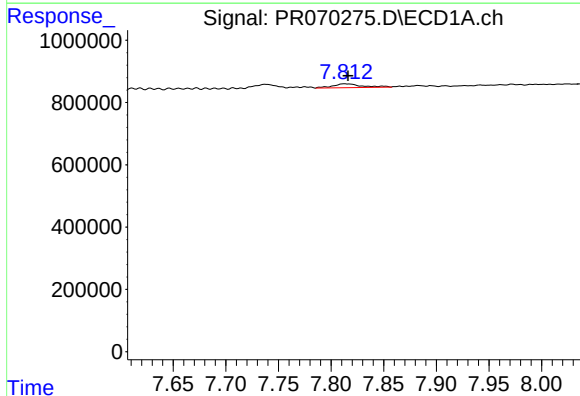
R.T.: 7.456 min
Delta R.T.: -0.020 min
Response: 604920
Conc: 15.19 ng/ml

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



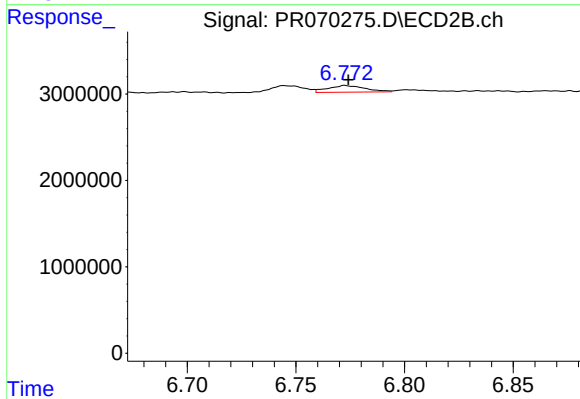
#34 AR-1260-4

R.T.: 6.508 min
Delta R.T.: 0.000 min
Response: 577917
Conc: 2.93 ng/ml



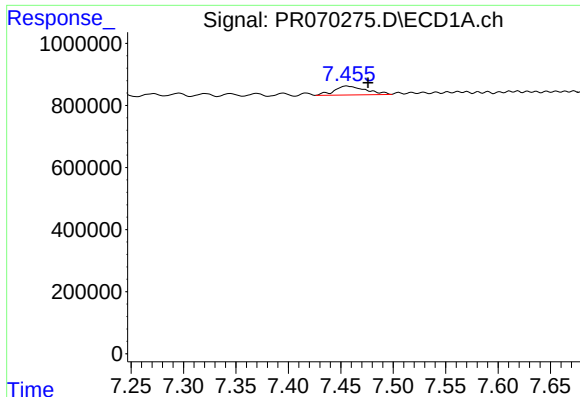
#35 AR-1260-5

R.T.: 7.814 min
Delta R.T.: -0.003 min
Response: 235921
Conc: 3.67 ng/ml



#35 AR-1260-5

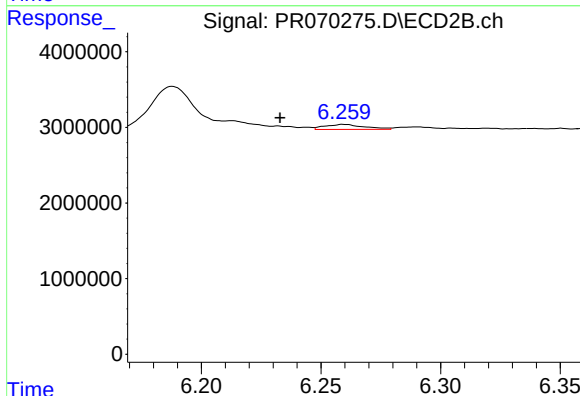
R.T.: 6.773 min
Delta R.T.: -0.001 min
Response: 926350
Conc: 2.25 ng/ml



#36 AR-1262-1

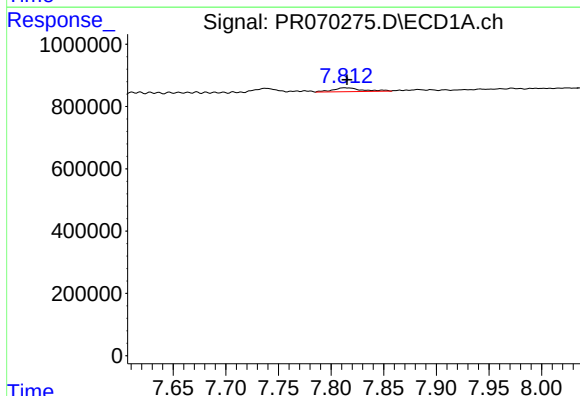
R.T.: 7.456 min
Delta R.T.: -0.020 min
Response: 604920
Conc: 11.99 ng/ml

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



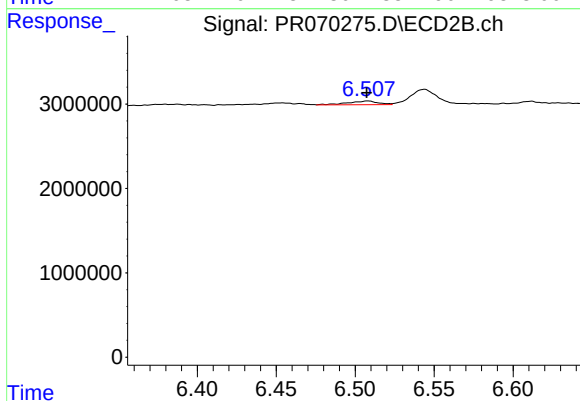
#36 AR-1262-1

R.T.: 6.260 min
Delta R.T.: 0.027 min
Response: 770125
Conc: 2.50 ng/ml



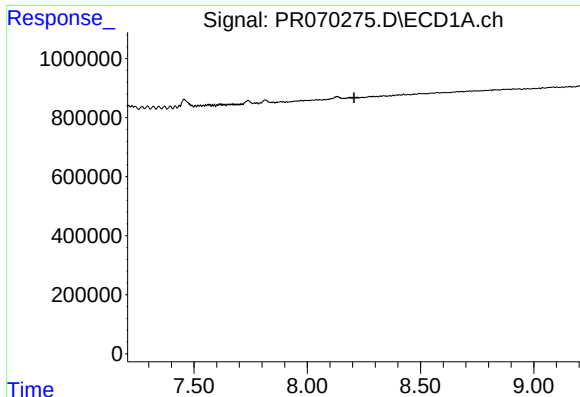
#37 AR-1262-2

R.T.: 7.814 min
Delta R.T.: -0.002 min
Response: 235921
Conc: 3.12 ng/ml



#37 AR-1262-2

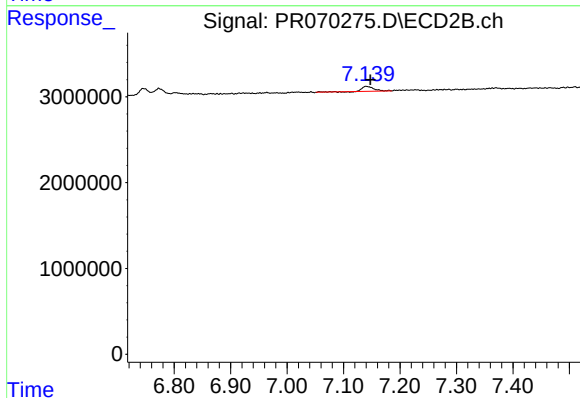
R.T.: 6.508 min
Delta R.T.: 0.000 min
Response: 577917
Conc: 2.14 ng/ml



#39 AR-1262-4

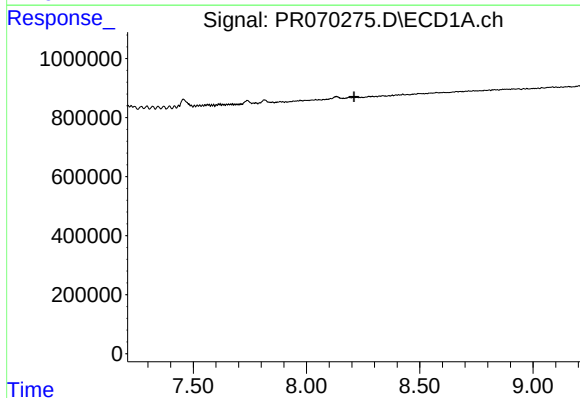
R.T.: 0.000 min
Exp R.T.: 8.206 min
Response: 0
Conc: N.D.

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



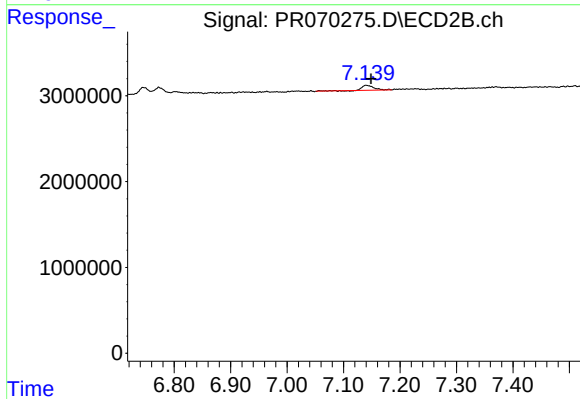
#39 AR-1262-4

R.T.: 7.141 min
Delta R.T.: -0.007 min
Response: 763259
Conc: 2.12 ng/ml



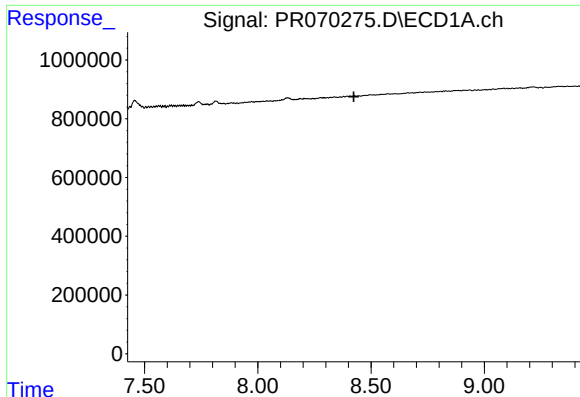
#42 AR-1268-2

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



#42 AR-1268-2

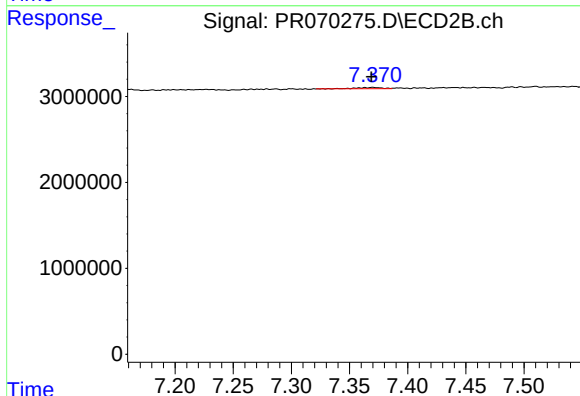
R.T.: 7.141 min
Delta R.T.: -0.008 min
Response: 763259
Conc: 1.46 ng/ml



#43 AR-1268-3

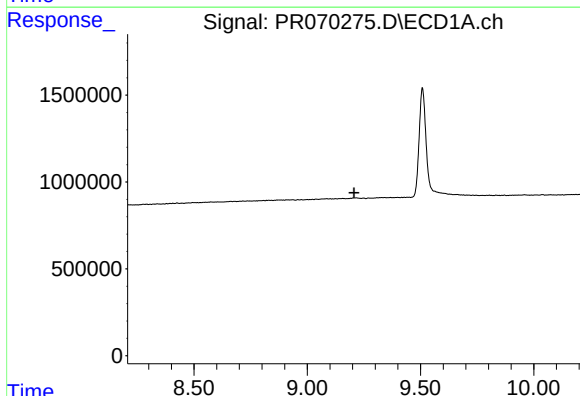
R.T.: 0.000 min
Exp R.T.: 8.424 min
Response: 0
Conc: N.D.

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



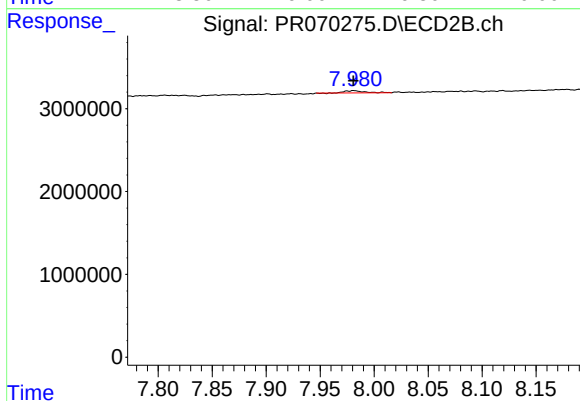
#43 AR-1268-3

R.T.: 7.370 min
Delta R.T.: 0.002 min
Response: 236165
Conc: 0.48 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.: 7.981 min
Delta R.T.: 0.000 min
Response: 315564
Conc: 0.23 ng/ml