

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR021025\
 Data File : PR070272.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Feb 2025 21:02
 Operator : AJ\MA
 Sample : Q1168-01
 Misc : AR1232 LOD 40 PPB
 ALS Vial : 36 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 00:50:43 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	18778346	96978235	16.630	16.631
2)	SA Decachlor...	9.508	8.223	13255424	73940712	18.542	18.059
Target Compounds							
3)	L1 AR-1016-1	4.844	4.073	442277	2457111	14.901	15.577
4)	L1 AR-1016-2	4.866	4.092	728327	3636252	15.279	15.264
5)	L1 AR-1016-3	4.928	4.271	513532	1791925	16.713	14.278
6)	L1 AR-1016-4	5.030	4.322	415337	1413238	17.083	12.859
7)	L1 AR-1016-5	5.345	4.540	371702	1803851	15.515	13.224
8)	L2 AR-1221-1	3.841	3.178	532999	1382282	40.831	20.194 #
9)	L2 AR-1221-2	3.936	3.262	422918	2389802	43.318	46.672
10)	L2 AR-1221-3	4.013	3.342	833381	4134215	27.250	26.554
11)	L3 AR-1232-1	4.013	3.342	833381	4134215	35.139	34.574
12)	L3 AR-1232-2	4.560	4.092	407421	3636252	32.598	32.756
13)	L3 AR-1232-3	4.866	4.271	728327	1791925	33.681	31.047
14)	L3 AR-1232-4	5.030	4.364	415337	1698186	38.113	32.001
15)	L3 AR-1232-5	5.180	4.540	216699	1803851	22.571	31.527 #
16)	L4 AR-1242-1	4.844	4.073	442277	2457111	18.418	19.000
17)	L4 AR-1242-2	4.866	4.092	728327	3636252	18.777	18.696
18)	L4 AR-1242-3	4.928	4.271	513532	1791925	20.473	17.219
19)	L4 AR-1242-4	5.030	4.364	415337	1698186	21.378	16.569
20)	L4 AR-1242-5	5.821	4.912	343391	2102495	18.136	18.348
21)	L5 AR-1248-1	4.844	4.073	442277	2457111	24.345	25.469
22)	L5 AR-1248-2	5.138	4.322	261550	1413238	9.429	9.740
23)	L5 AR-1248-3	5.345	4.364	371702	1698186	11.804	11.469
24)	L5 AR-1248-4	5.780	4.540	301164	1803851	10.009	10.262
25)	L5 AR-1248-5	5.821	4.954	343391	2284875	10.806	15.217 #
26)	L6 AR-1254-1	5.746	4.912	401793	2102495	11.026	8.319
27)	L6 AR-1254-2	5.990	5.071	225821	1311130	4.173	6.017 #
28)	L6 AR-1254-3	6.379	5.496	229236	773427	4.290	2.423 #
29)	L6 AR-1254-4	6.679	5.743	220263	435181	6.894	2.704 #
30)	L6 AR-1254-5	0.000	6.188	0	175082	N.D.	0.673 #
31)	L7 AR-1260-1	0.000	5.636	0	455571	N.D.	2.070 #
32)	L7 AR-1260-2	0.000	5.847	0	282792	N.D.	1.148 #
33)	L7 AR-1260-3	0.000	6.003	0	480086	N.D.	2.014 #
34)	L7 AR-1260-4	7.481	6.496	72952	275158	1.832	1.397
35)	L7 AR-1260-5	0.000	6.785	0	263565	N.D.	0.641 #
36)	L8 AR-1262-1	7.481	6.247	72952	116607	1.446	0.379 #
37)	L8 AR-1262-2	0.000	6.496	0	275158	N.D.	1.019 #
43)	L9 AR-1268-3	0.000	7.376	0	309612	N.D.	0.633 #
45)	L9 AR-1268-5	0.000	7.980	0	401201	N.D.	0.289 #

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Acq On : 10 Feb 2025 21:02
Operator : AJ\MA
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Misc : AR1232 LOD 40 PPB
ALS Vial : 36 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 00:50:43 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

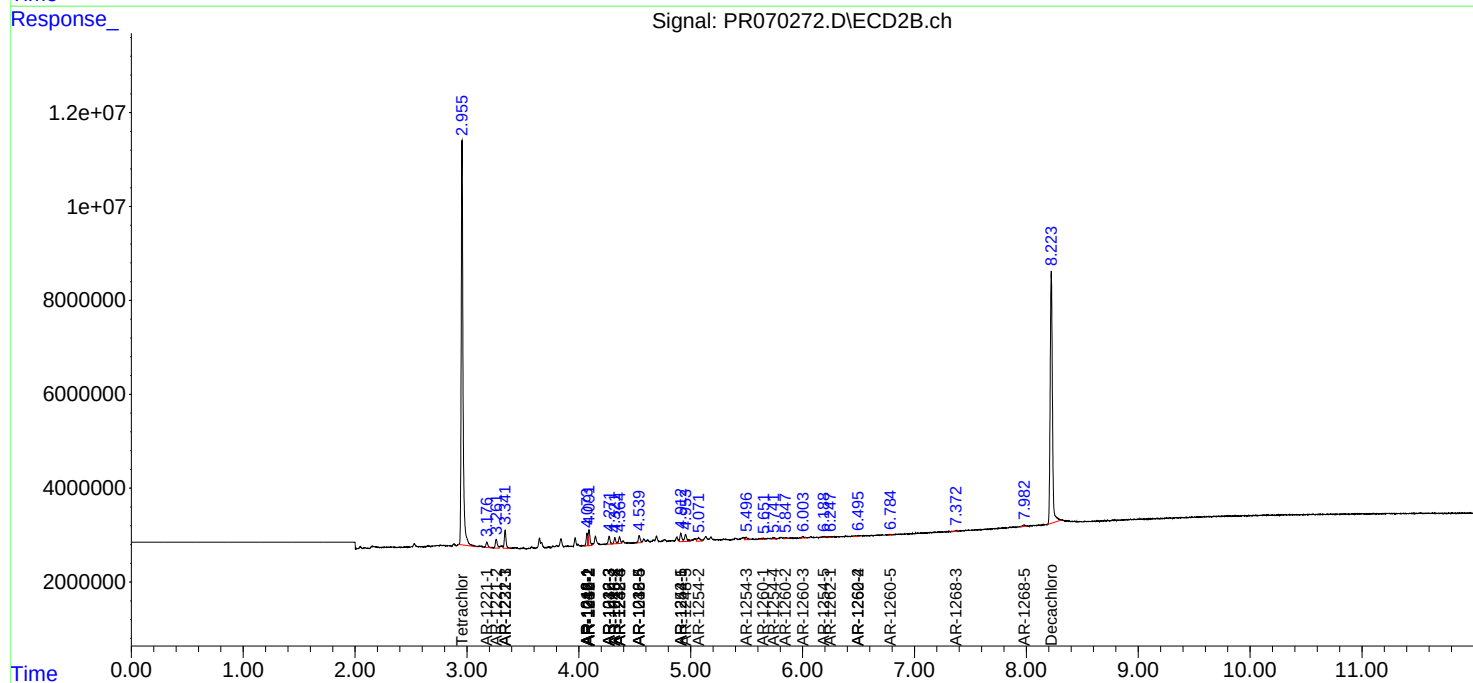
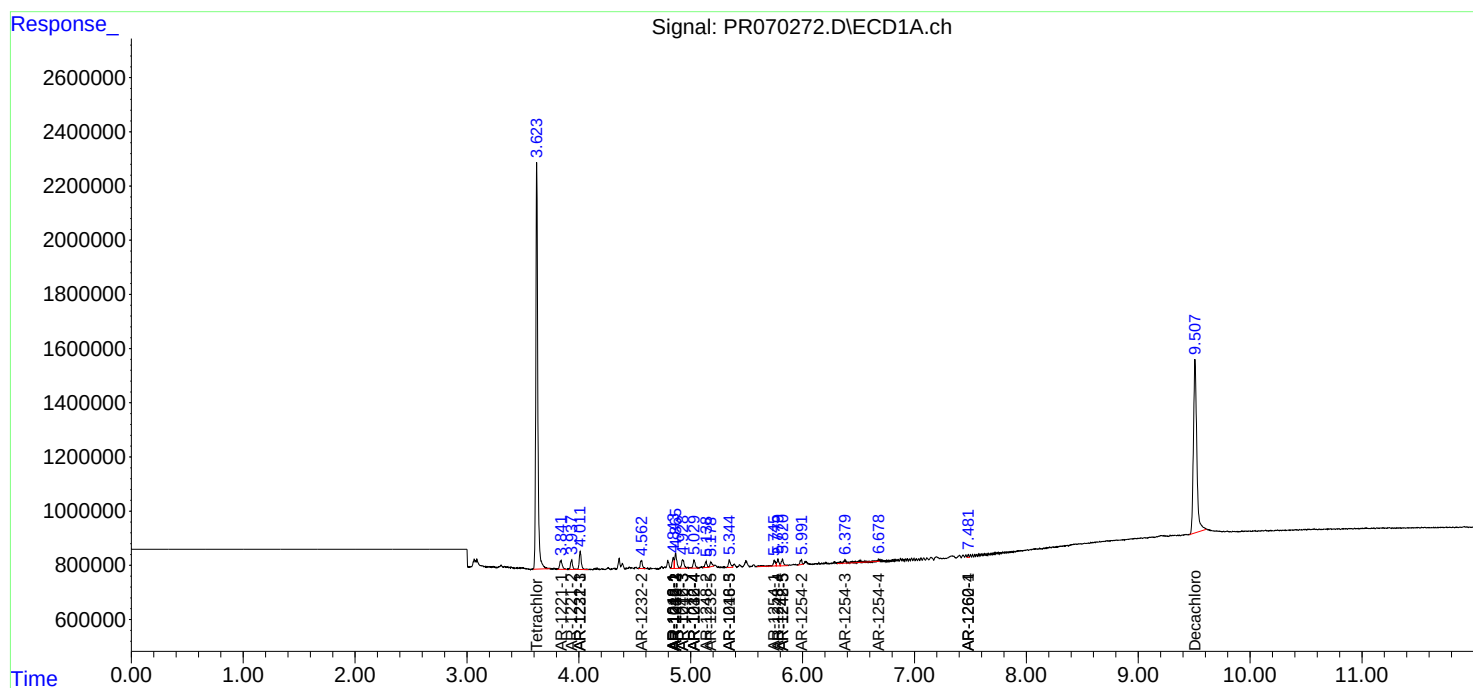
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.						

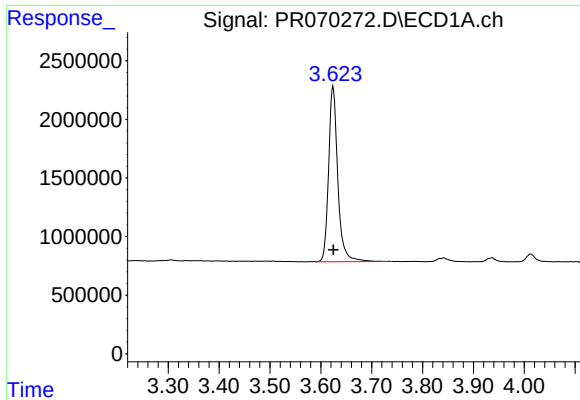
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR021025\
Data File : PR070272.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Feb 2025 21:02
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QLast Update : Mon Feb 10 14:13:17 2025
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Volume 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

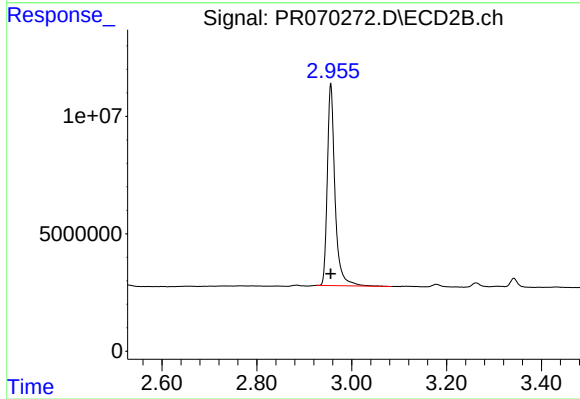




#1 Tetrachloro-m-xylene

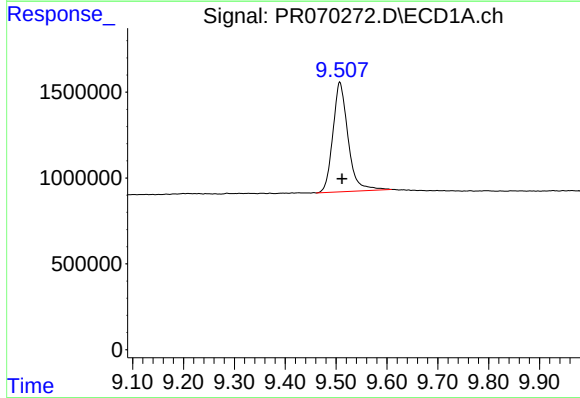
R.T.: 3.624 min
Delta R.T.: 0.000 min
Response: 18778346
Conc: 16.63 ng/ml

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



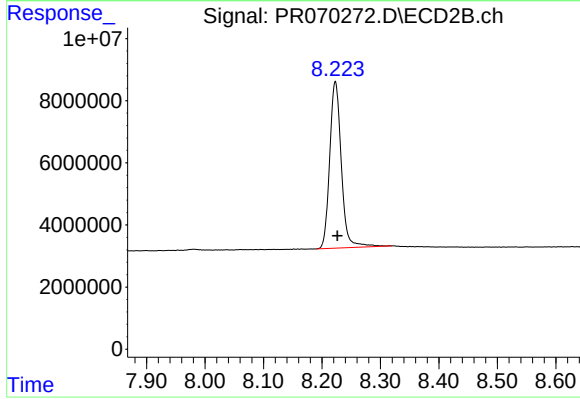
#1 Tetrachloro-m-xylene

R.T.: 2.956 min
Delta R.T.: 0.000 min
Response: 96978235
Conc: 16.63 ng/ml



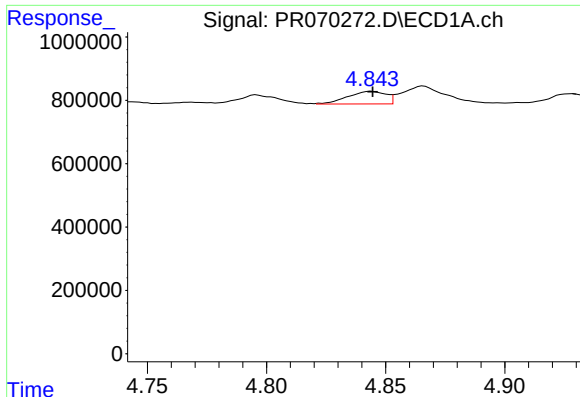
#2 Decachlorobiphenyl

R.T.: 9.508 min
Delta R.T.: -0.005 min
Response: 13255424
Conc: 18.54 ng/ml



#2 Decachlorobiphenyl

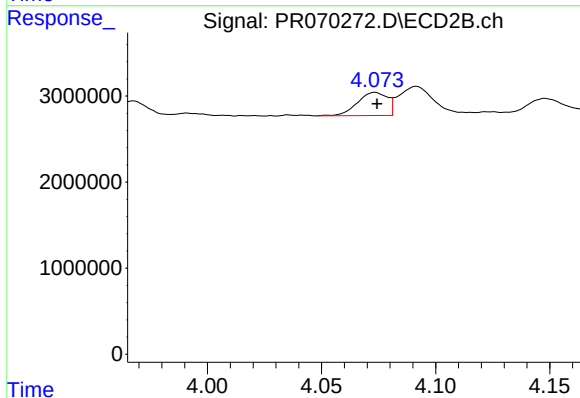
R.T.: 8.223 min
Delta R.T.: -0.003 min
Response: 73940712
Conc: 18.06 ng/ml



#3 AR-1016-1

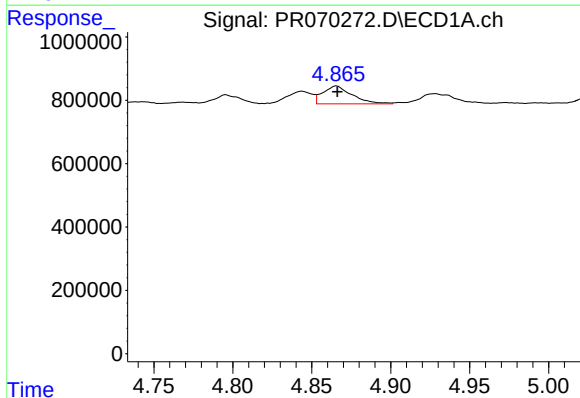
R.T.: 4.844 min
Delta R.T.: 0.000 min
Response: 442277
Conc: 14.90 ng/ml

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



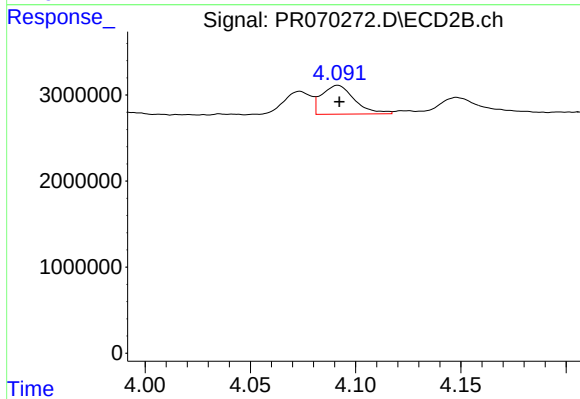
#3 AR-1016-1

R.T.: 4.073 min
Delta R.T.: 0.000 min
Response: 2457111
Conc: 15.58 ng/ml



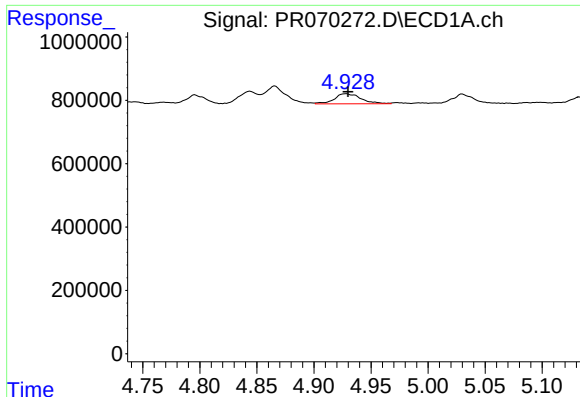
#4 AR-1016-2

R.T.: 4.866 min
Delta R.T.: 0.000 min
Response: 728327
Conc: 15.28 ng/ml



#4 AR-1016-2

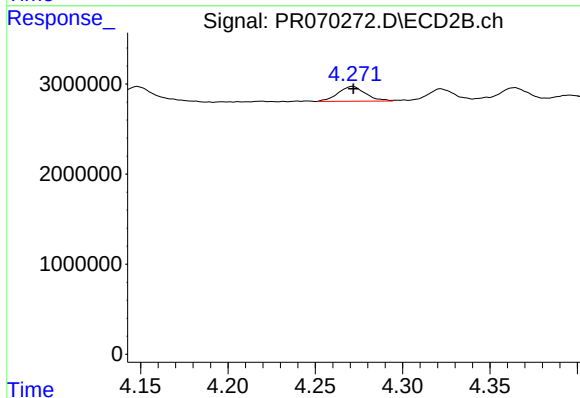
R.T.: 4.092 min
Delta R.T.: 0.000 min
Response: 3636252
Conc: 15.26 ng/ml



#5 AR-1016-3

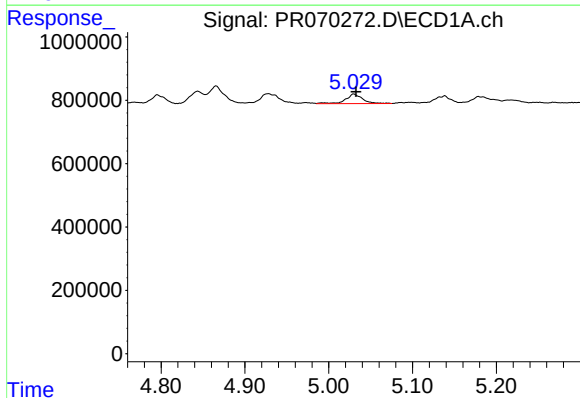
R.T.: 4.928 min
Delta R.T.: -0.002 min
Response: 513532
Conc: 16.71 ng/ml

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



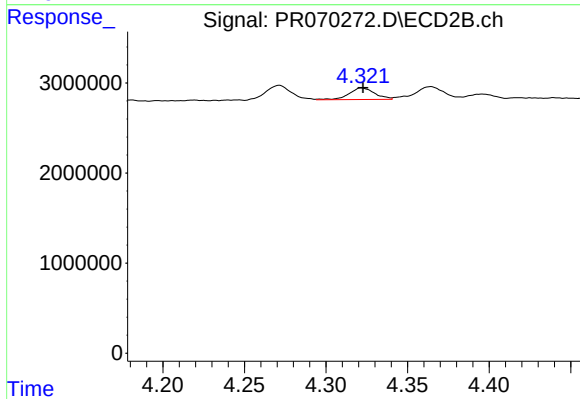
#5 AR-1016-3

R.T.: 4.271 min
Delta R.T.: 0.000 min
Response: 1791925
Conc: 14.28 ng/ml



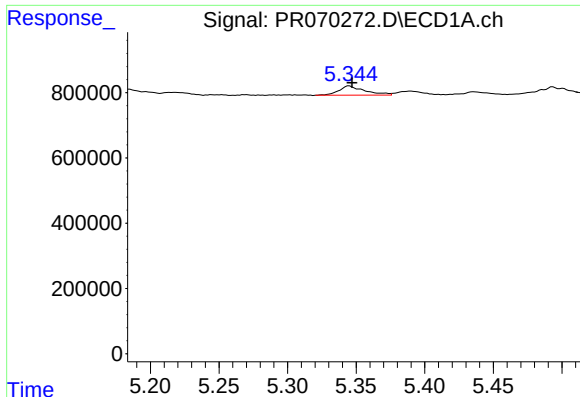
#6 AR-1016-4

R.T.: 5.030 min
Delta R.T.: -0.002 min
Response: 415337
Conc: 17.08 ng/ml



#6 AR-1016-4

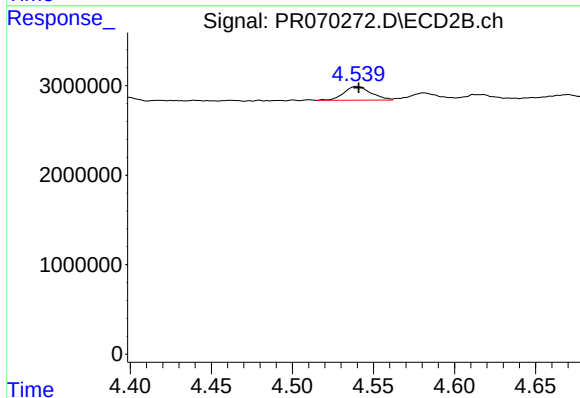
R.T.: 4.322 min
Delta R.T.: 0.000 min
Response: 1413238
Conc: 12.86 ng/ml



#7 AR-1016-5

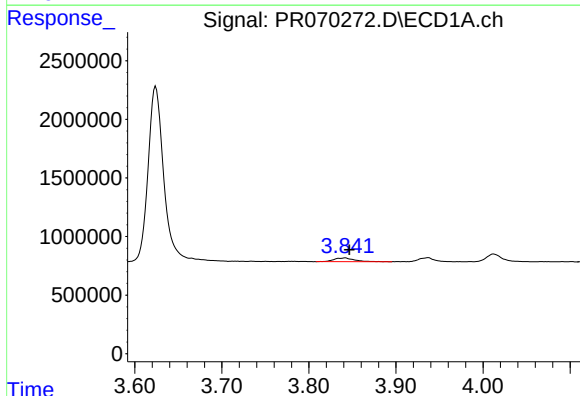
R.T.: 5.345 min
Delta R.T.: -0.002 min
Response: 371702
Conc: 15.51 ng/ml

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



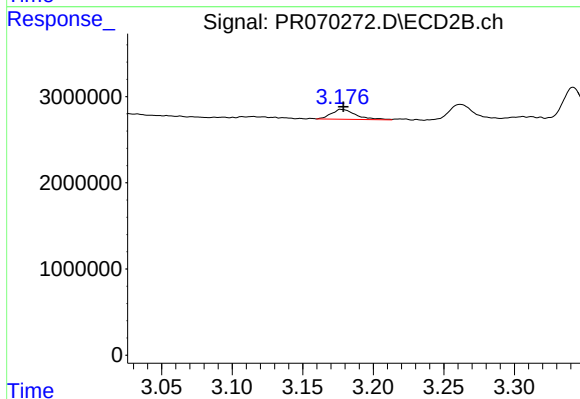
#7 AR-1016-5

R.T.: 4.540 min
Delta R.T.: -0.001 min
Response: 1803851
Conc: 13.22 ng/ml



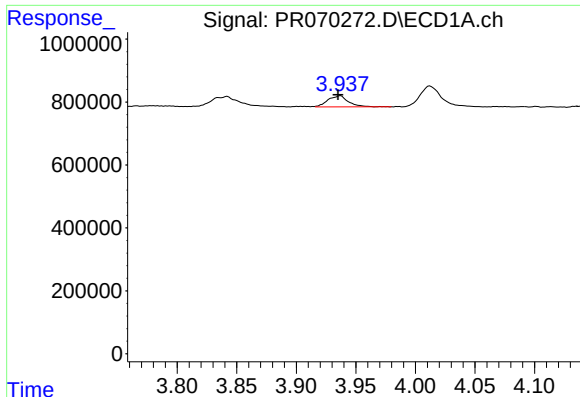
#8 AR-1221-1

R.T.: 3.841 min
Delta R.T.: -0.005 min
Response: 532999
Conc: 40.83 ng/ml



#8 AR-1221-1

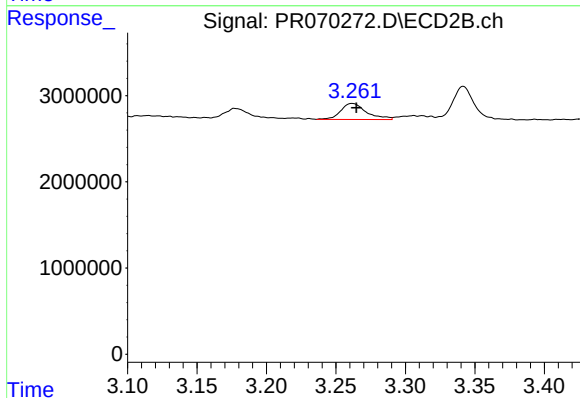
R.T.: 3.178 min
Delta R.T.: -0.001 min
Response: 1382282
Conc: 20.19 ng/ml



#9 AR-1221-2

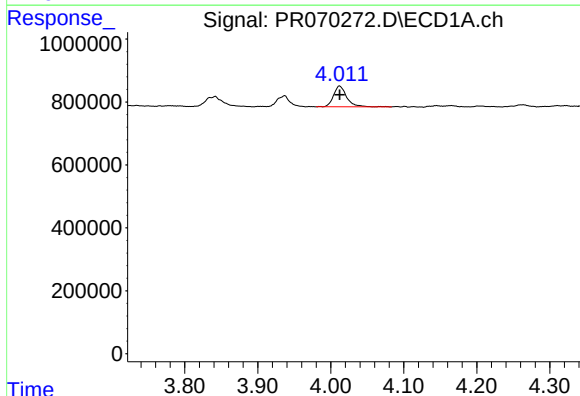
R.T.: 3.936 min
Delta R.T.: 0.001 min
Response: 422918
Conc: 43.32 ng/ml

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



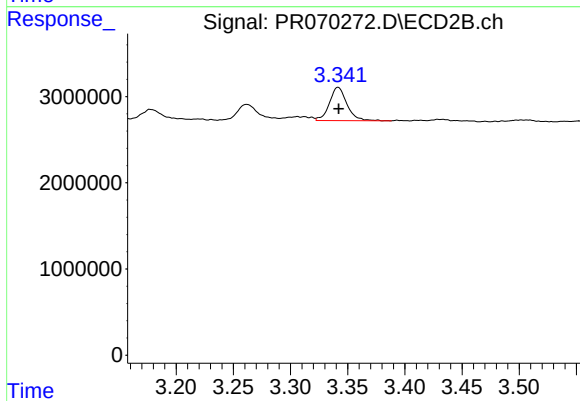
#9 AR-1221-2

R.T.: 3.262 min
Delta R.T.: -0.003 min
Response: 2389802
Conc: 46.67 ng/ml



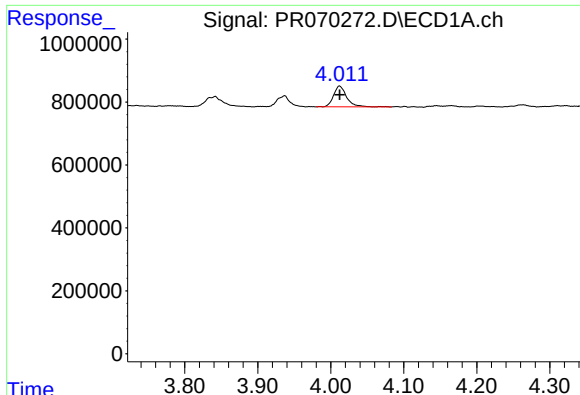
#10 AR-1221-3

R.T.: 4.013 min
Delta R.T.: 0.000 min
Response: 833381
Conc: 27.25 ng/ml



#10 AR-1221-3

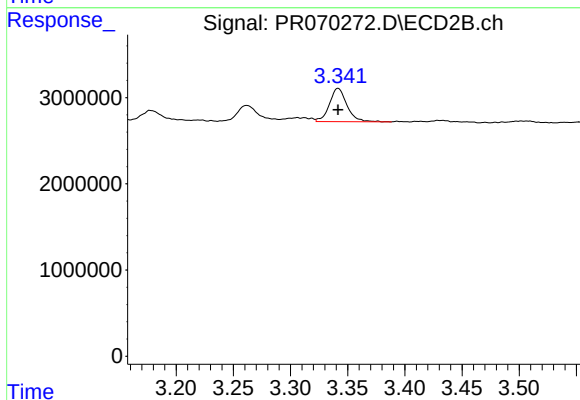
R.T.: 3.342 min
Delta R.T.: 0.000 min
Response: 4134215
Conc: 26.55 ng/ml



#11 AR-1232-1

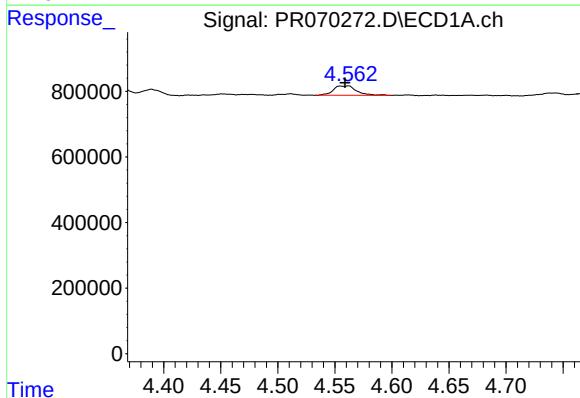
R.T.: 4.013 min
Delta R.T.: 0.000 min
Response: 833381
Conc: 35.14 ng/ml

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



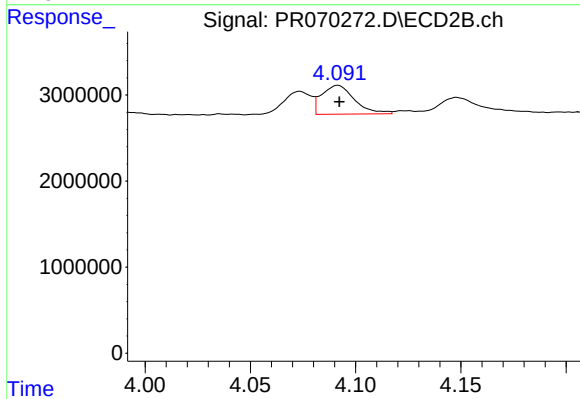
#11 AR-1232-1

R.T.: 3.342 min
Delta R.T.: 0.000 min
Response: 4134215
Conc: 34.57 ng/ml



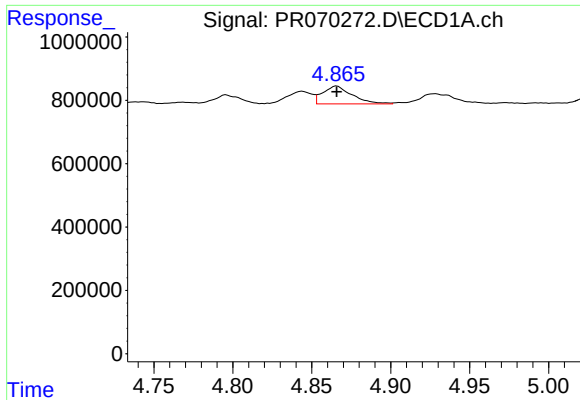
#12 AR-1232-2

R.T.: 4.560 min
Delta R.T.: 0.000 min
Response: 407421
Conc: 32.60 ng/ml



#12 AR-1232-2

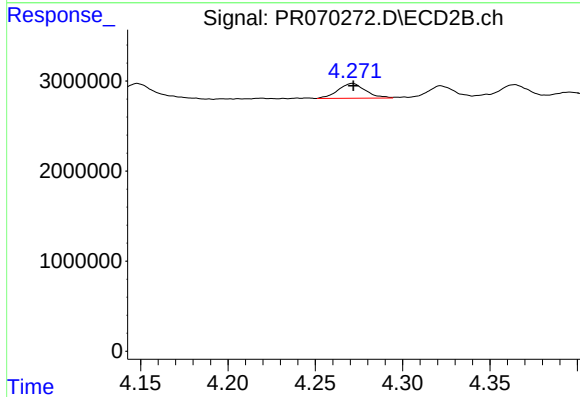
R.T.: 4.092 min
Delta R.T.: 0.000 min
Response: 3636252
Conc: 32.76 ng/ml



#13 AR-1232-3

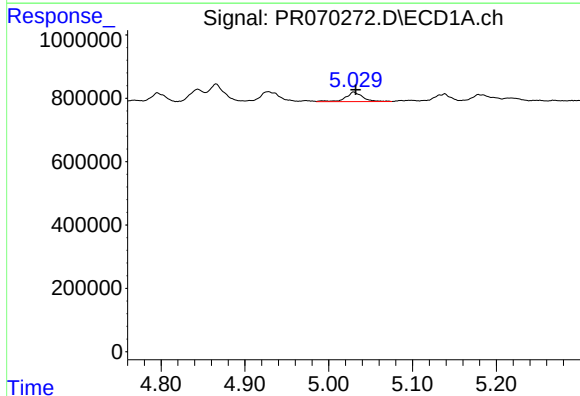
R.T.: 4.866 min
Delta R.T.: 0.000 min
Response: 728327
Conc: 33.68 ng/ml

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



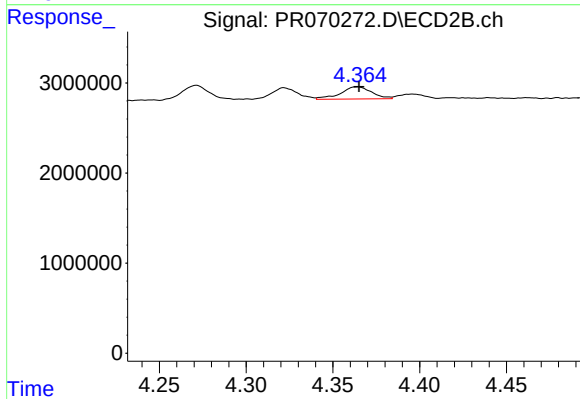
#13 AR-1232-3

R.T.: 4.271 min
Delta R.T.: 0.000 min
Response: 1791925
Conc: 31.05 ng/ml



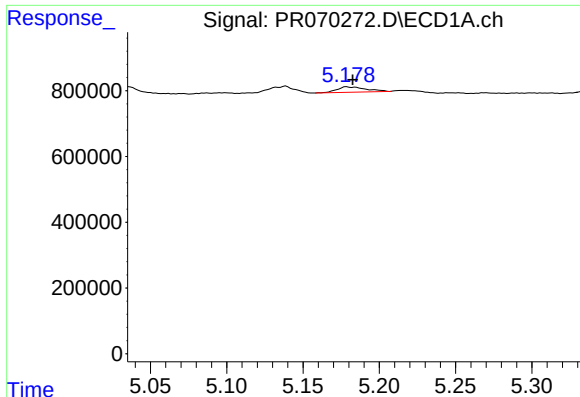
#14 AR-1232-4

R.T.: 5.030 min
Delta R.T.: -0.002 min
Response: 415337
Conc: 38.11 ng/ml



#14 AR-1232-4

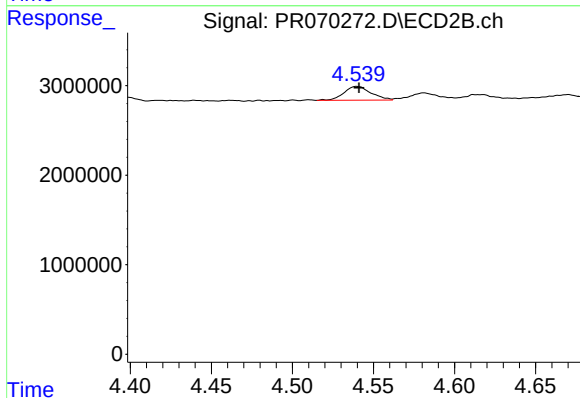
R.T.: 4.364 min
Delta R.T.: 0.000 min
Response: 1698186
Conc: 32.00 ng/ml



#15 AR-1232-5

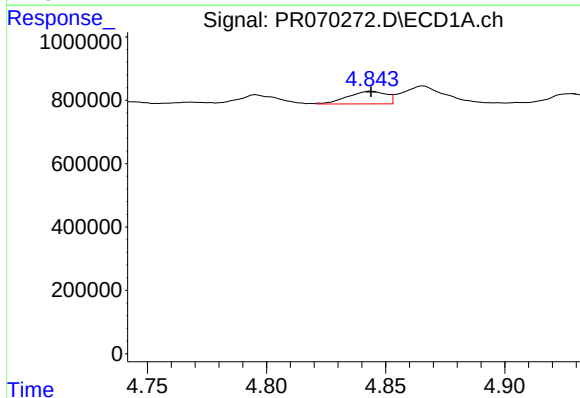
R.T.: 5.180 min
Delta R.T.: -0.002 min
Response: 216699
Conc: 22.57 ng/ml

Instrument :
ECD_R
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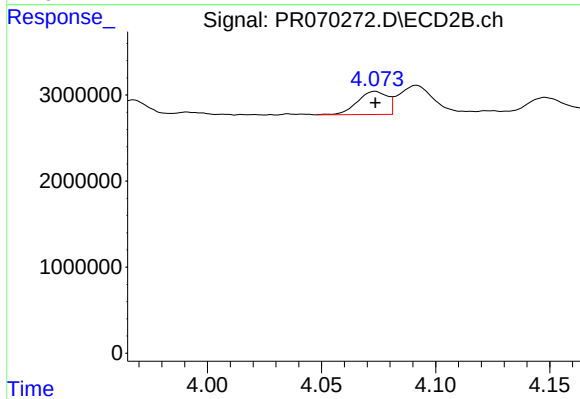
#15 AR-1232-5

R.T.: 4.540 min
Delta R.T.: -0.001 min
Response: 1803851
Conc: 31.53 ng/ml



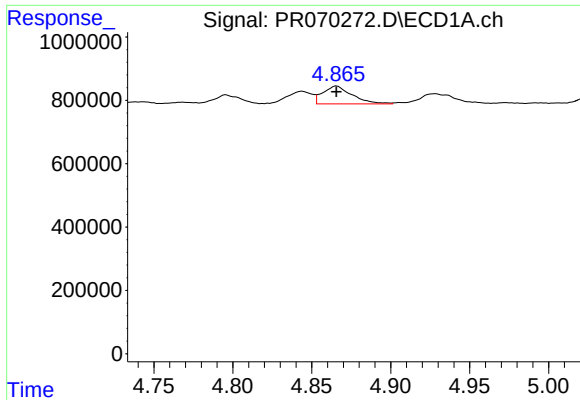
#16 AR-1242-1

R.T.: 4.844 min
Delta R.T.: 0.000 min
Response: 442277
Conc: 18.42 ng/ml



#16 AR-1242-1

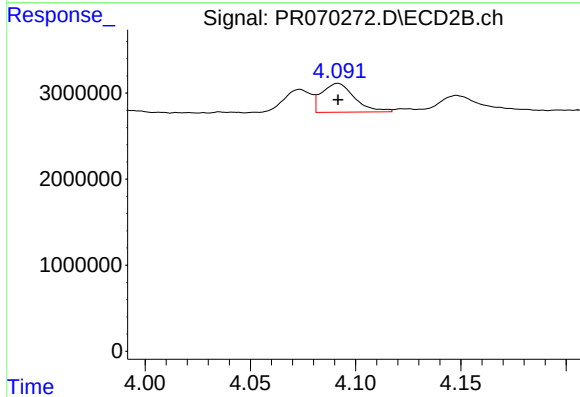
R.T.: 4.073 min
Delta R.T.: 0.000 min
Response: 2457111
Conc: 19.00 ng/ml



#17 AR-1242-2

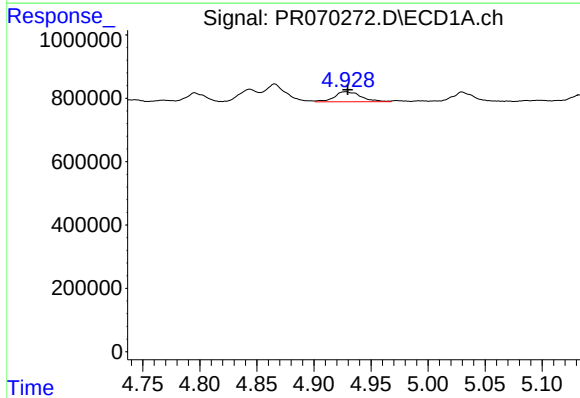
R.T.: 4.866 min
Delta R.T.: 0.000 min
Response: 728327
Conc: 18.78 ng/ml

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



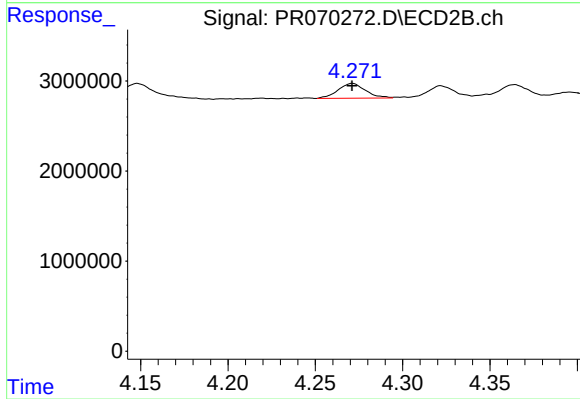
#17 AR-1242-2

R.T.: 4.092 min
Delta R.T.: 0.000 min
Response: 3636252
Conc: 18.70 ng/ml



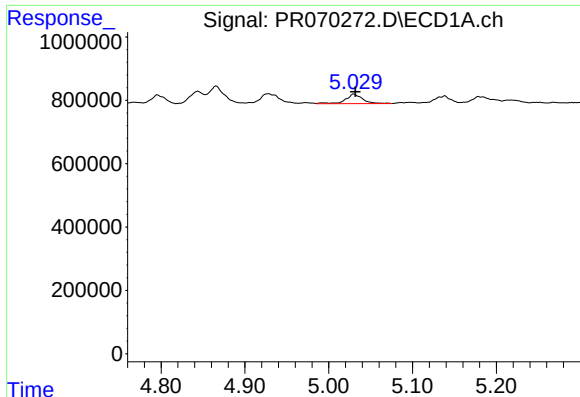
#18 AR-1242-3

R.T.: 4.928 min
Delta R.T.: -0.002 min
Response: 513532
Conc: 20.47 ng/ml



#18 AR-1242-3

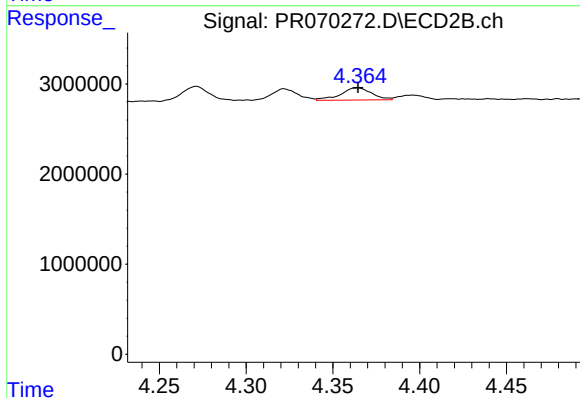
R.T.: 4.271 min
Delta R.T.: 0.000 min
Response: 1791925
Conc: 17.22 ng/ml



#19 AR-1242-4

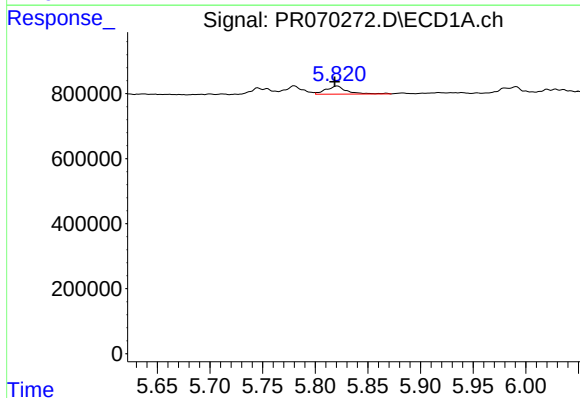
R.T.: 5.030 min
Delta R.T.: -0.001 min
Response: 415337
Conc: 21.38 ng/ml

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



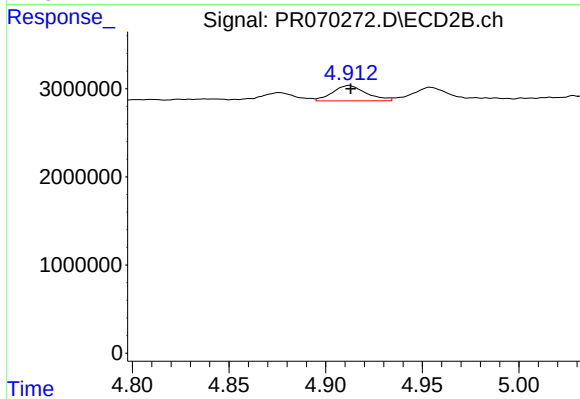
#19 AR-1242-4

R.T.: 4.364 min
Delta R.T.: 0.000 min
Response: 1698186
Conc: 16.57 ng/ml



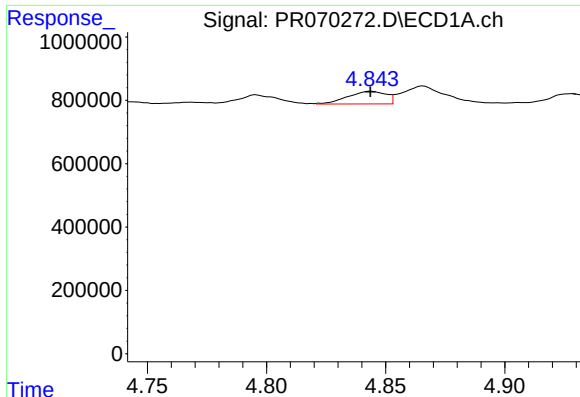
#20 AR-1242-5

R.T.: 5.821 min
Delta R.T.: 0.002 min
Response: 343391
Conc: 18.14 ng/ml



#20 AR-1242-5

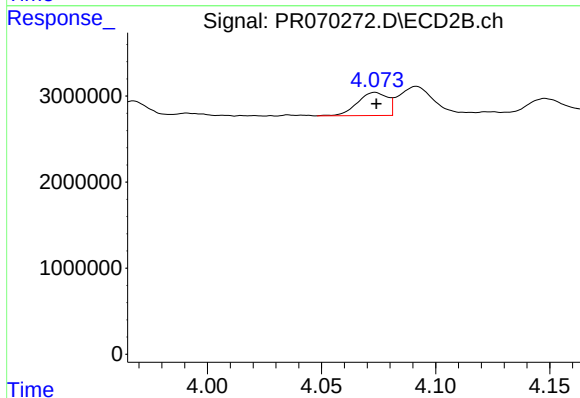
R.T.: 4.912 min
Delta R.T.: 0.000 min
Response: 2102495
Conc: 18.35 ng/ml



#21 AR-1248-1

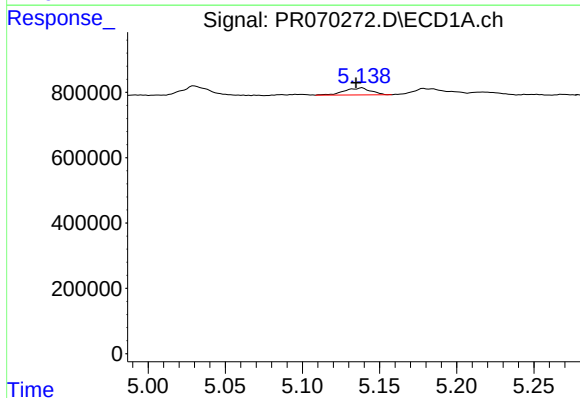
R.T.: 4.844 min
Delta R.T.: 0.000 min
Response: 442277
Conc: 24.34 ng/ml

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



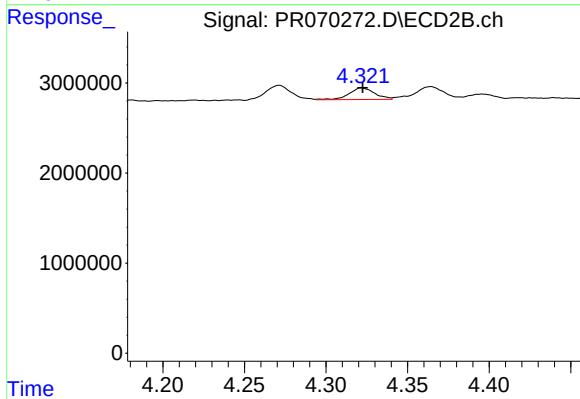
#21 AR-1248-1

R.T.: 4.073 min
Delta R.T.: 0.000 min
Response: 2457111
Conc: 25.47 ng/ml



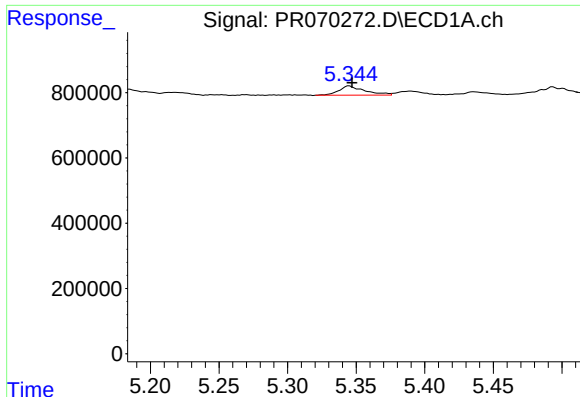
#22 AR-1248-2

R.T.: 5.138 min
Delta R.T.: 0.003 min
Response: 261550
Conc: 9.43 ng/ml



#22 AR-1248-2

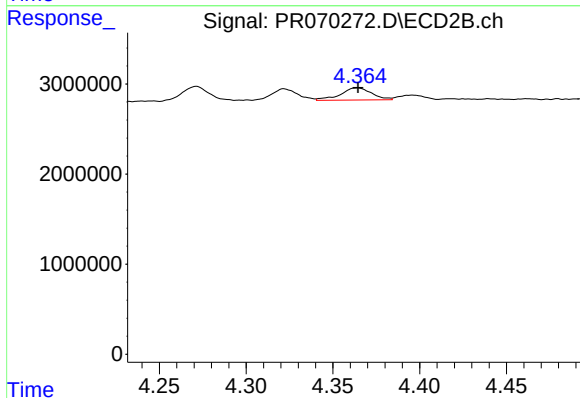
R.T.: 4.322 min
Delta R.T.: 0.000 min
Response: 1413238
Conc: 9.74 ng/ml



#23 AR-1248-3

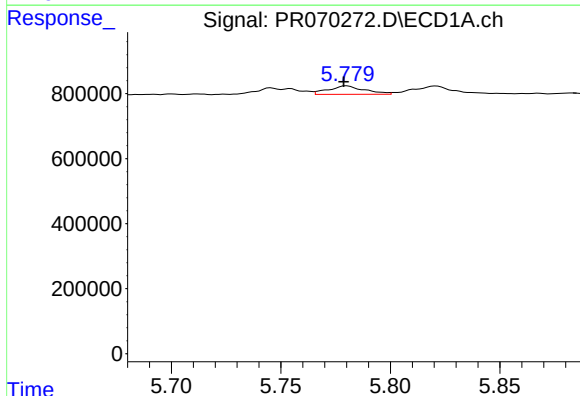
R.T.: 5.345 min
Delta R.T.: -0.002 min
Response: 371702
Conc: 11.80 ng/ml

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



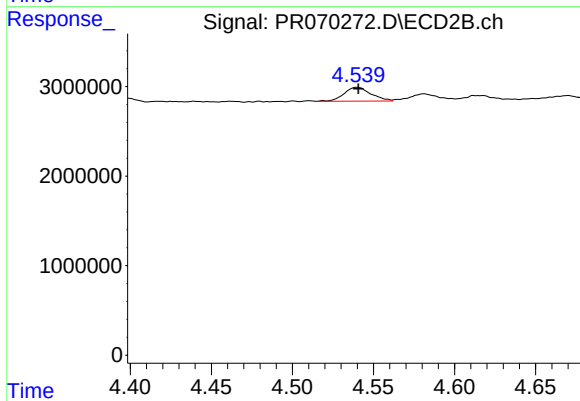
#23 AR-1248-3

R.T.: 4.364 min
Delta R.T.: 0.000 min
Response: 1698186
Conc: 11.47 ng/ml



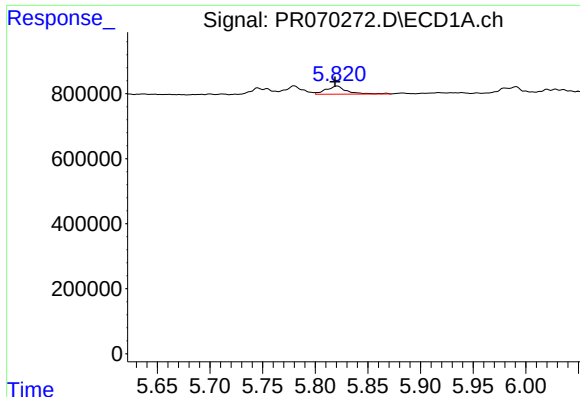
#24 AR-1248-4

R.T.: 5.780 min
Delta R.T.: 0.001 min
Response: 301164
Conc: 10.01 ng/ml



#24 AR-1248-4

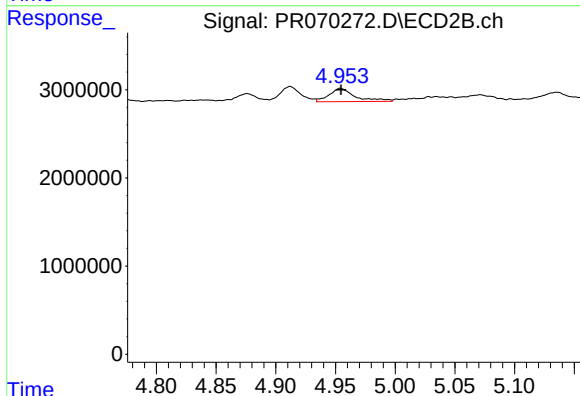
R.T.: 4.540 min
Delta R.T.: 0.000 min
Response: 1803851
Conc: 10.26 ng/ml



#25 AR-1248-5

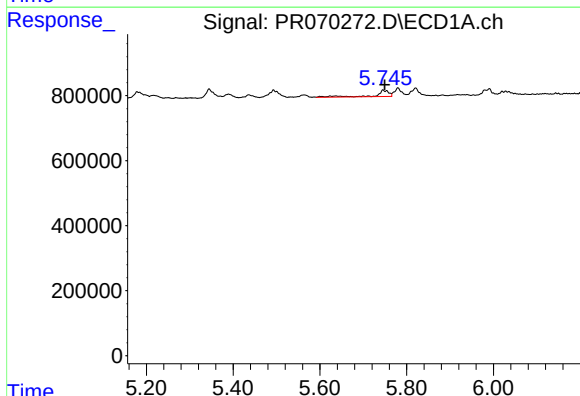
R.T.: 5.821 min
Delta R.T.: 0.002 min
Response: 343391
Conc: 10.81 ng/ml

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



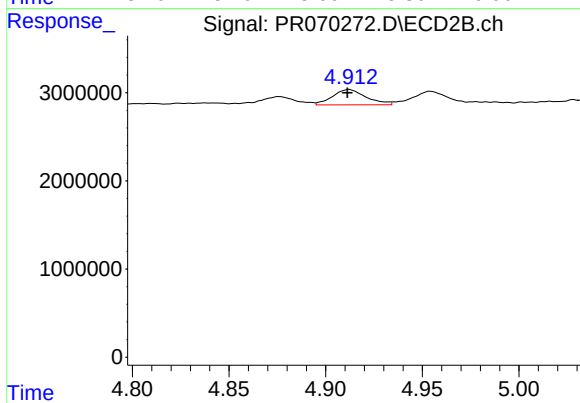
#25 AR-1248-5

R.T.: 4.954 min
Delta R.T.: 0.000 min
Response: 2284875
Conc: 15.22 ng/ml



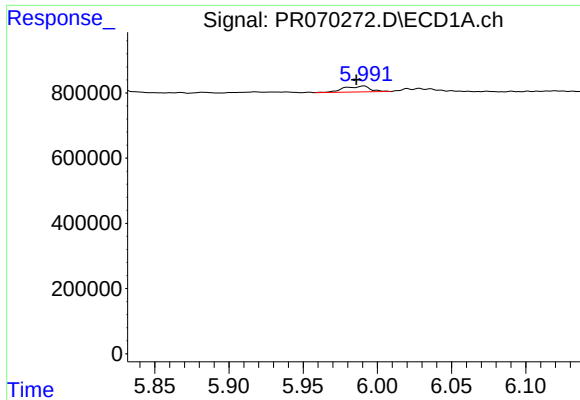
#26 AR-1254-1

R.T.: 5.746 min
Delta R.T.: -0.003 min
Response: 401793
Conc: 11.03 ng/ml



#26 AR-1254-1

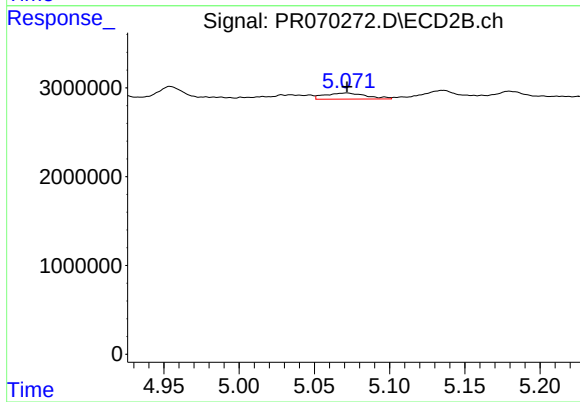
R.T.: 4.912 min
Delta R.T.: 0.000 min
Response: 2102495
Conc: 8.32 ng/ml



#27 AR-1254-2

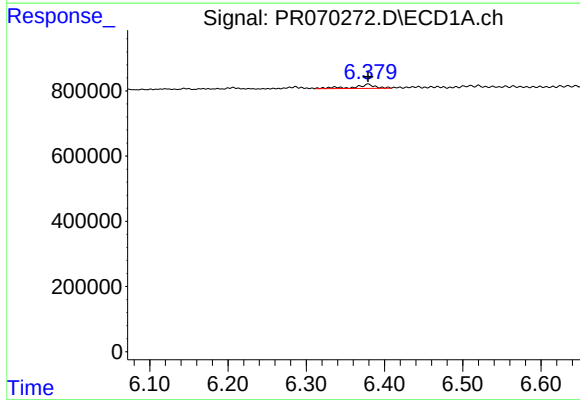
R.T.: 5.990 min
Delta R.T.: 0.004 min
Response: 225821
Conc: 4.17 ng/ml

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



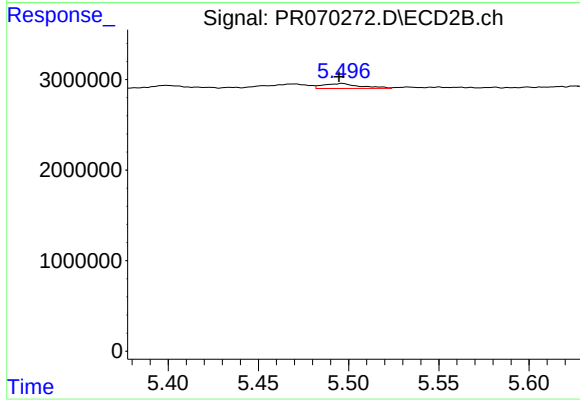
#27 AR-1254-2

R.T.: 5.071 min
Delta R.T.: 0.000 min
Response: 1311130
Conc: 6.02 ng/ml



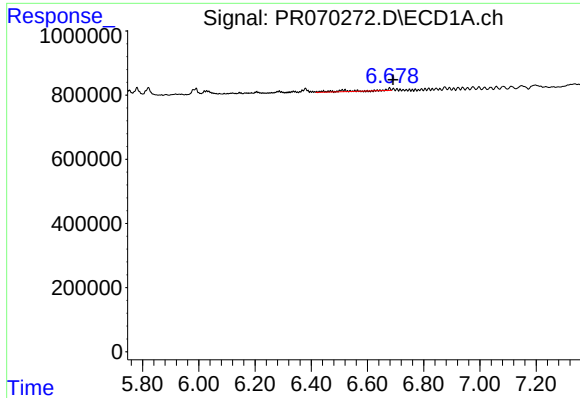
#28 AR-1254-3

R.T.: 6.379 min
Delta R.T.: 0.000 min
Response: 229236
Conc: 4.29 ng/ml



#28 AR-1254-3

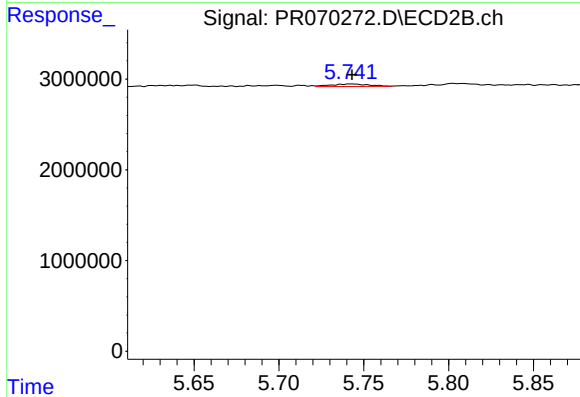
R.T.: 5.496 min
Delta R.T.: 0.002 min
Response: 773427
Conc: 2.42 ng/ml



#29 AR-1254-4

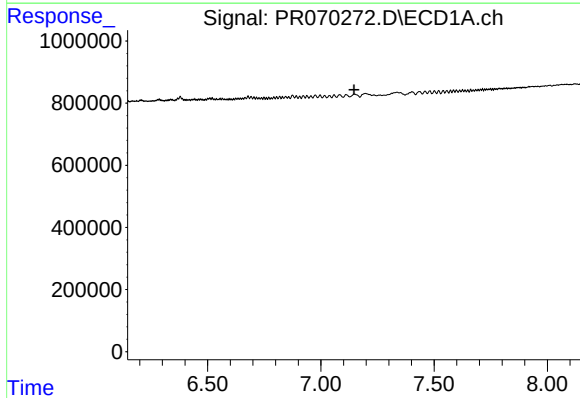
R.T.: 6.679 min
Delta R.T.: -0.012 min
Response: 220263
Conc: 6.89 ng/ml

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



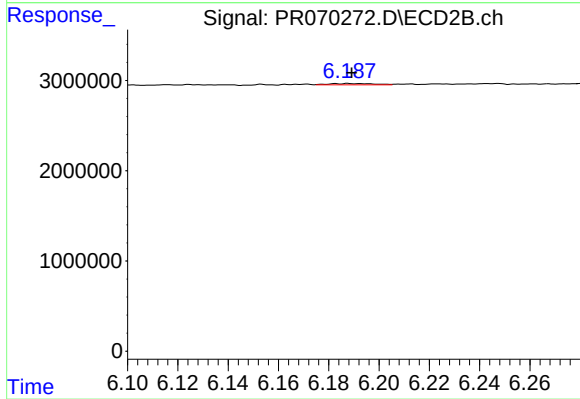
#29 AR-1254-4

R.T.: 5.743 min
Delta R.T.: 0.000 min
Response: 435181
Conc: 2.70 ng/ml



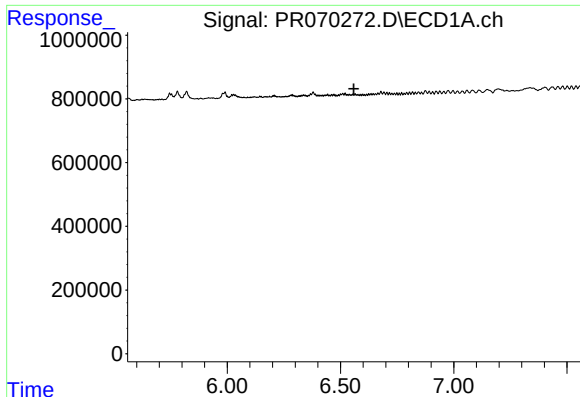
#30 AR-1254-5

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



#30 AR-1254-5

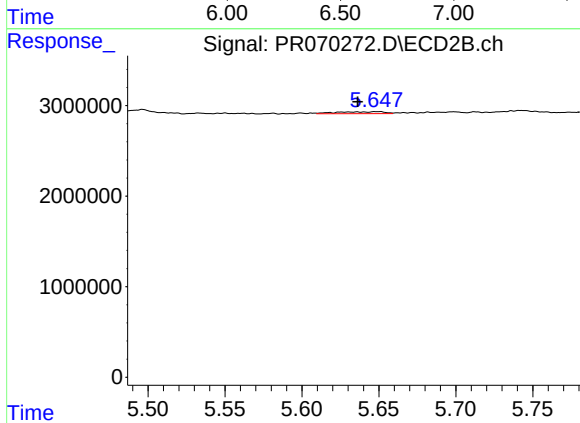
R.T.: 6.188 min
Delta R.T.: 0.000 min
Response: 175082
Conc: 0.67 ng/ml



#31 AR-1260-1

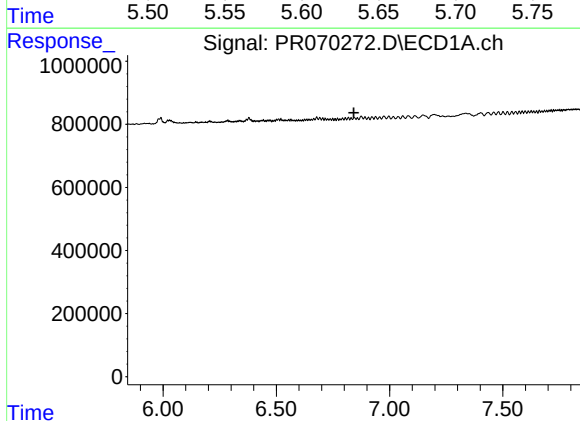
R.T.: 0.000 min
Exp R.T.: 6.559 min
Response: 0
Conc: N.D.

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



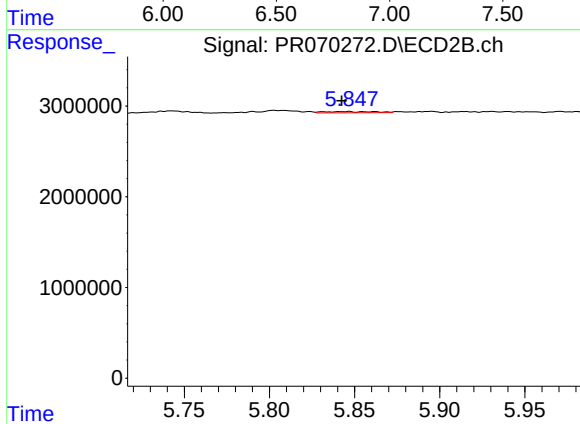
#31 AR-1260-1

R.T.: 5.636 min
Delta R.T.: 0.000 min
Response: 455571
Conc: 2.07 ng/ml



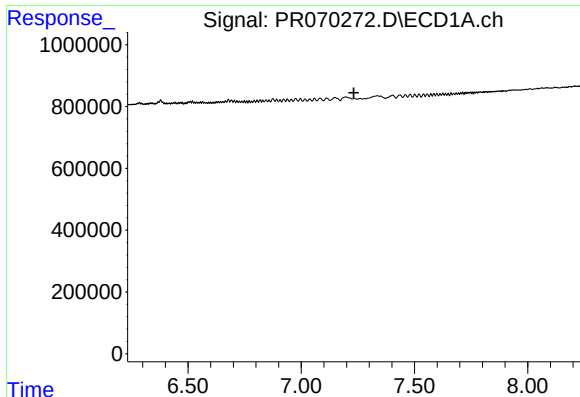
#32 AR-1260-2

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



#32 AR-1260-2

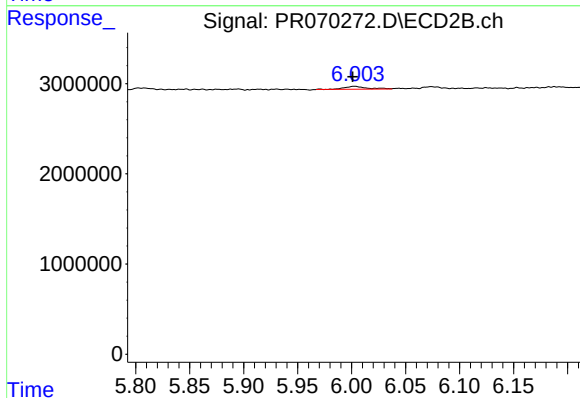
R.T.: 5.847 min
Delta R.T.: 0.004 min
Response: 282792
Conc: 1.15 ng/ml



#33 AR-1260-3

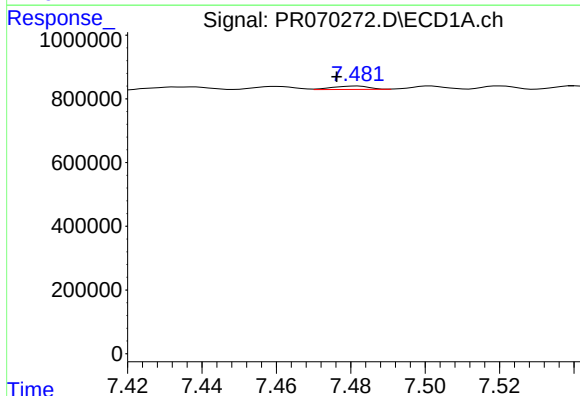
R.T.: 0.000 min
Exp R.T.: 7.233 min
Response: 0
Conc: N.D.

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



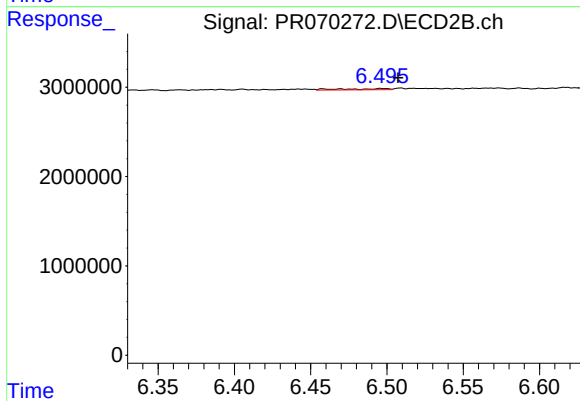
#33 AR-1260-3

R.T.: 6.003 min
Delta R.T.: 0.002 min
Response: 480086
Conc: 2.01 ng/ml



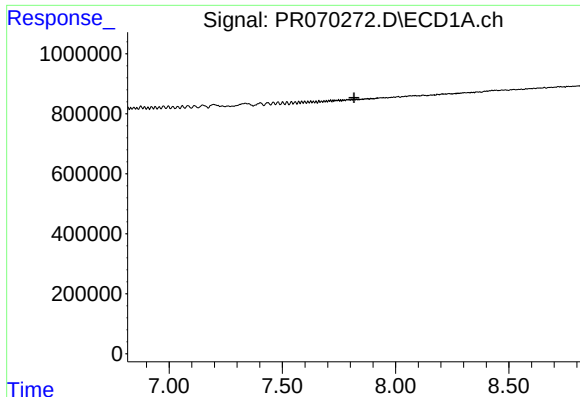
#34 AR-1260-4

R.T.: 7.481 min
Delta R.T.: 0.005 min
Response: 72952
Conc: 1.83 ng/ml



#34 AR-1260-4

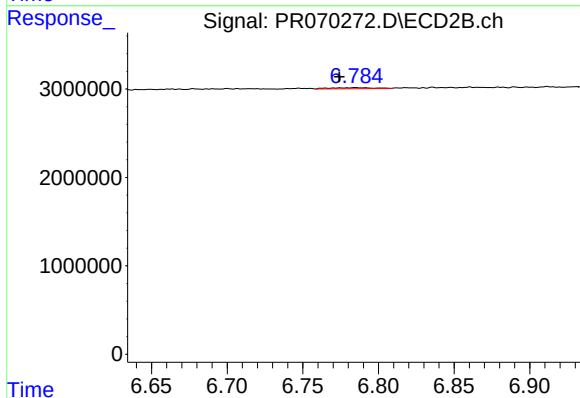
R.T.: 6.496 min
Delta R.T.: -0.011 min
Response: 275158
Conc: 1.40 ng/ml



#35 AR-1260-5

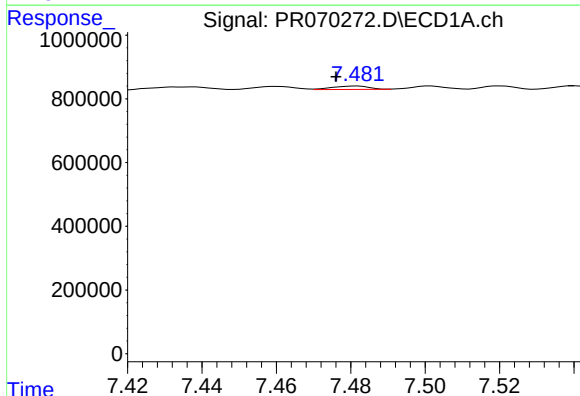
R.T.: 0.000 min
Exp R.T.: 7.816 min
Response: 0
Conc: N.D.

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



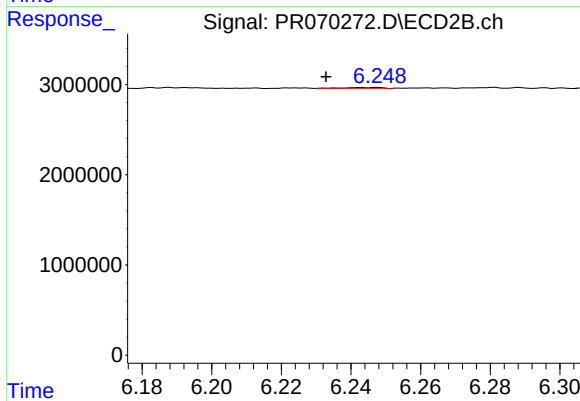
#35 AR-1260-5

R.T.: 6.785 min
Delta R.T.: 0.011 min
Response: 263565
Conc: 0.64 ng/ml



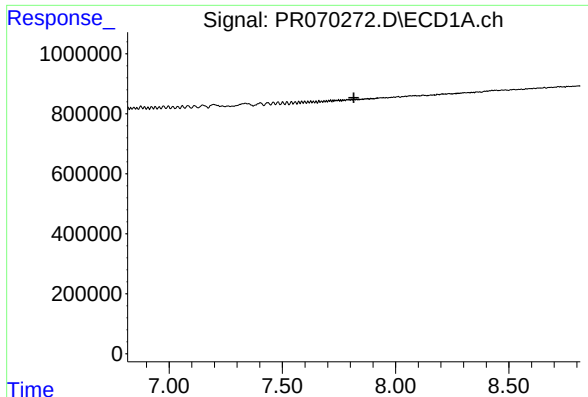
#36 AR-1262-1

R.T.: 7.481 min
Delta R.T.: 0.005 min
Response: 72952
Conc: 1.45 ng/ml



#36 AR-1262-1

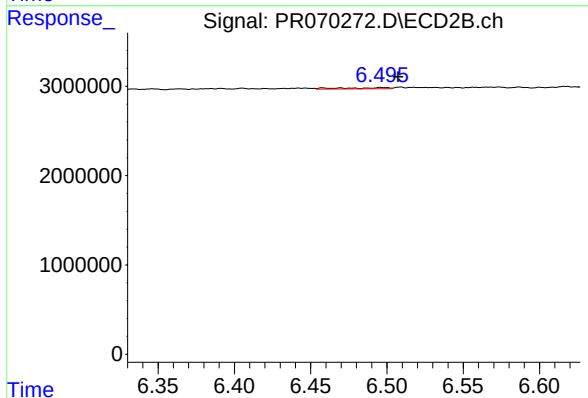
R.T.: 6.247 min
Delta R.T.: 0.014 min
Response: 116607
Conc: 0.38 ng/ml



#37 AR-1262-2

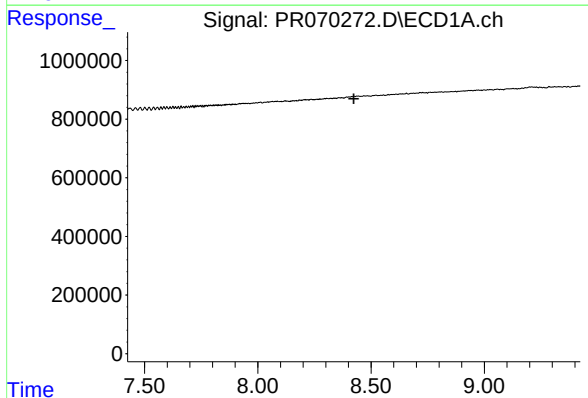
R.T.: 0.000 min
Exp R.T.: 7.815 min
Response: 0
Conc: N.D.

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



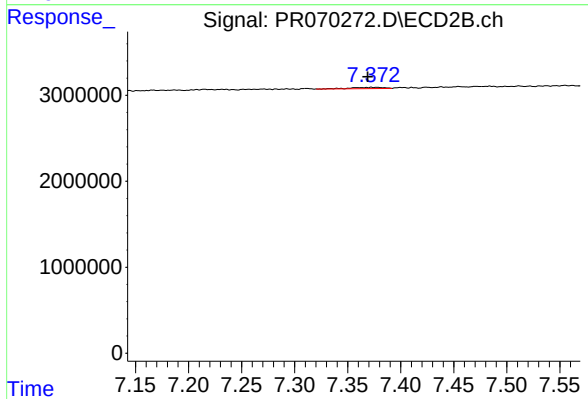
#37 AR-1262-2

R.T.: 6.496 min
Delta R.T.: -0.011 min
Response: 275158
Conc: 1.02 ng/ml



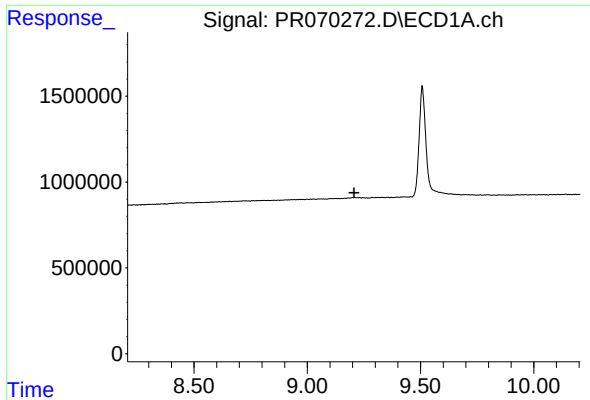
#43 AR-1268-3

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



#43 AR-1268-3

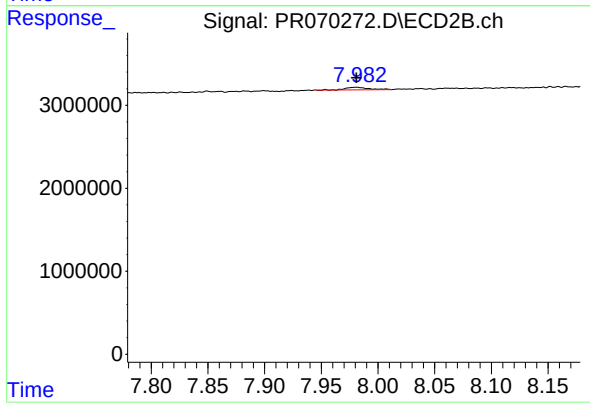
R.T.: 7.376 min
Delta R.T.: 0.008 min
Response: 309612
Conc: 0.63 ng/ml



#45 AR-1268-5

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

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



#45 AR-1268-5

R.T.: 7.980 min
Delta R.T.: 0.000 min
Response: 401201
Conc: 0.29 ng/ml