

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR021025\
 Data File : PR070251.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Feb 2025 15:54
 Operator : AJ\MA
 Sample : Q1168-01
 Misc : AR1232 LOD 25 PPB
 ALS Vial : 19 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 00:44:54 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	18390537	96557087	16.287	16.559
2)	SA Decachlor...	9.510	8.225	12373830	70829415	17.309	17.299
Target Compounds							
3)	L1 AR-1016-1	4.845	4.074	322510	1474905	10.866	9.350
4)	L1 AR-1016-2	4.866	4.092	349060	2049936	7.323	8.605
5)	L1 AR-1016-3	4.928	4.271	398016	995143	12.954	7.929 #
6)	L1 AR-1016-4	5.031	4.322	279488	889804	11.495	8.097 #
7)	L1 AR-1016-5	5.343	4.541	196009	1094198	8.181	8.022
8)	L2 AR-1221-1	3.842	3.179	215011	854895	16.471	12.490
9)	L2 AR-1221-2	3.937	3.262	333095	2020201	34.118	39.454
10)	L2 AR-1221-3	4.011	3.342	554397	2651638	18.128	17.032
11)	L3 AR-1232-1	4.011	3.342	554397	2651638	23.376	22.175
12)	L3 AR-1232-2	4.558	4.092	593643	2049936	47.497	18.466 #
13)	L3 AR-1232-3	4.866	4.271	349060	995143	16.142	17.242
14)	L3 AR-1232-4	5.031	4.365	279488	1057279	25.647	19.923
15)	L3 AR-1232-5	5.179	4.541	145896	1094198	15.196	19.124 #
16)	L4 AR-1242-1	4.845	4.074	322510	1474905	13.430	11.405
17)	L4 AR-1242-2	4.866	4.092	349060	2049936	8.999	10.540
18)	L4 AR-1242-3	4.928	4.271	398016	995143	15.868	9.563 #
19)	L4 AR-1242-4	5.031	4.365	279488	1057279	14.386	10.316 #
20)	L4 AR-1242-5	5.821	4.912	256558	1508844	13.550	13.167
21)	L5 AR-1248-1	4.845	4.074	322510	1474905	17.752	15.288
22)	L5 AR-1248-2	5.133	4.322	161959	889804	5.839	6.133
23)	L5 AR-1248-3	5.343	4.365	196009	1057279	6.225	7.141
24)	L5 AR-1248-4	5.781	4.541	183338	1094198	6.093	6.225
25)	L5 AR-1248-5	5.821	4.955	256558	1436126	8.074	9.564
26)	L6 AR-1254-1	5.751	4.912	321467	1508844	8.822	5.970 #
27)	L6 AR-1254-2	5.987	5.066	180312	661272	3.332	3.035
28)	L6 AR-1254-3	6.368	5.494	58830	813984	1.101	2.550 #
29)	L6 AR-1254-4	0.000	5.744	0	311341	N.D.	1.934 #
30)	L6 AR-1254-5	0.000	6.193	0	771484	N.D.	2.966 #
31)	L7 AR-1260-1	0.000	5.645	0	1448848	N.D.	6.585 #
32)	L7 AR-1260-2	0.000	5.852	0	43621	N.D.	0.177 #
33)	L7 AR-1260-3	7.233	6.008	356719	690398	9.571	2.897 #
35)	L7 AR-1260-5	7.838f	6.757f	535008	205834	8.320	0.500 #
36)	L8 AR-1262-1	0.000	6.252f	0	482167	N.D.	1.566 #
37)	L8 AR-1262-2	7.838f	0.000	535008	0	7.080	N.D. #
40)	L8 AR-1262-5	0.000	7.663f	0	1580510	N.D.	10.364 #
43)	L9 AR-1268-3	0.000	7.373	0	428866	N.D.	0.877 #
44)	L9 AR-1268-4	0.000	7.663f	0	1580510	N.D.	9.237 #
45)	L9 AR-1268-5	0.000	7.981	0	388542	N.D.	0.280 #

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Quant Title : GC EXTRACTABLES
QLast Update : Mon Feb 10 14:13:17 2025
Response via : Initial Calibration
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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

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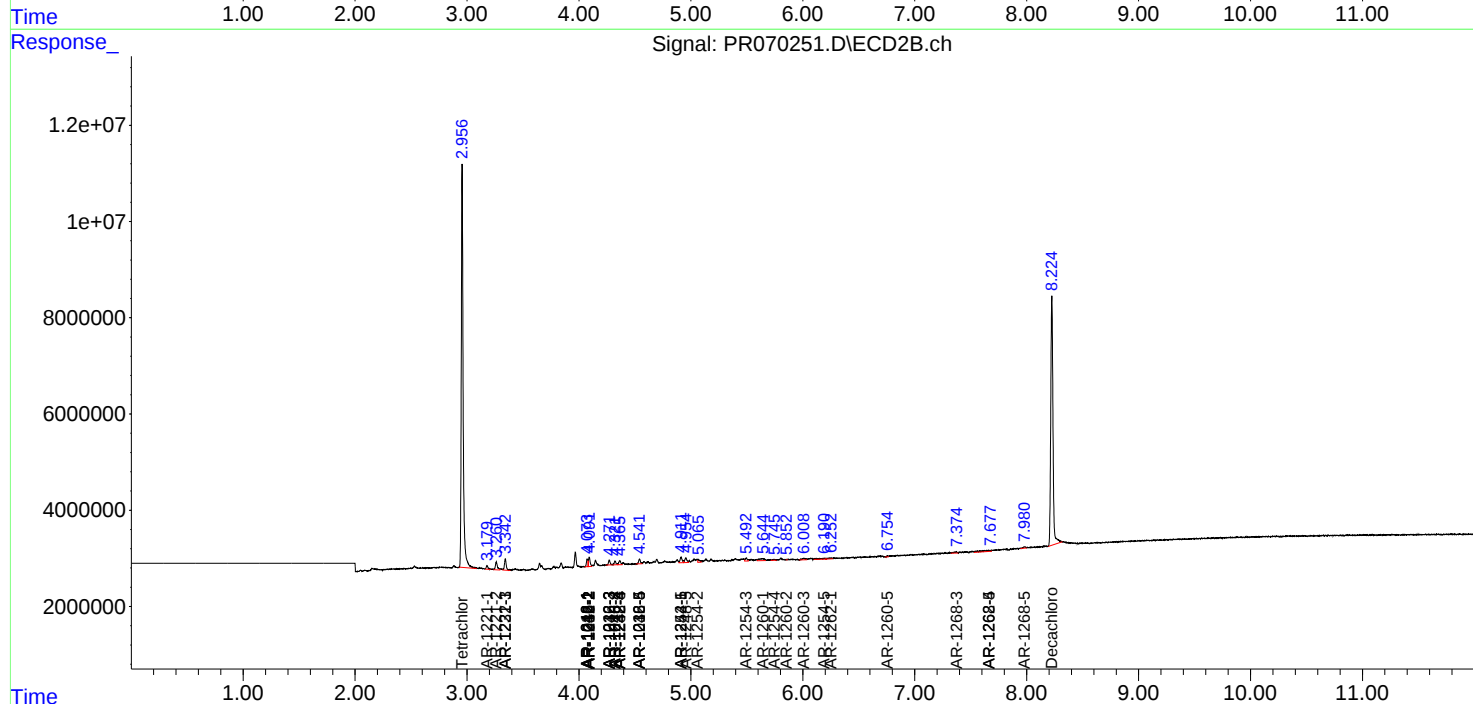
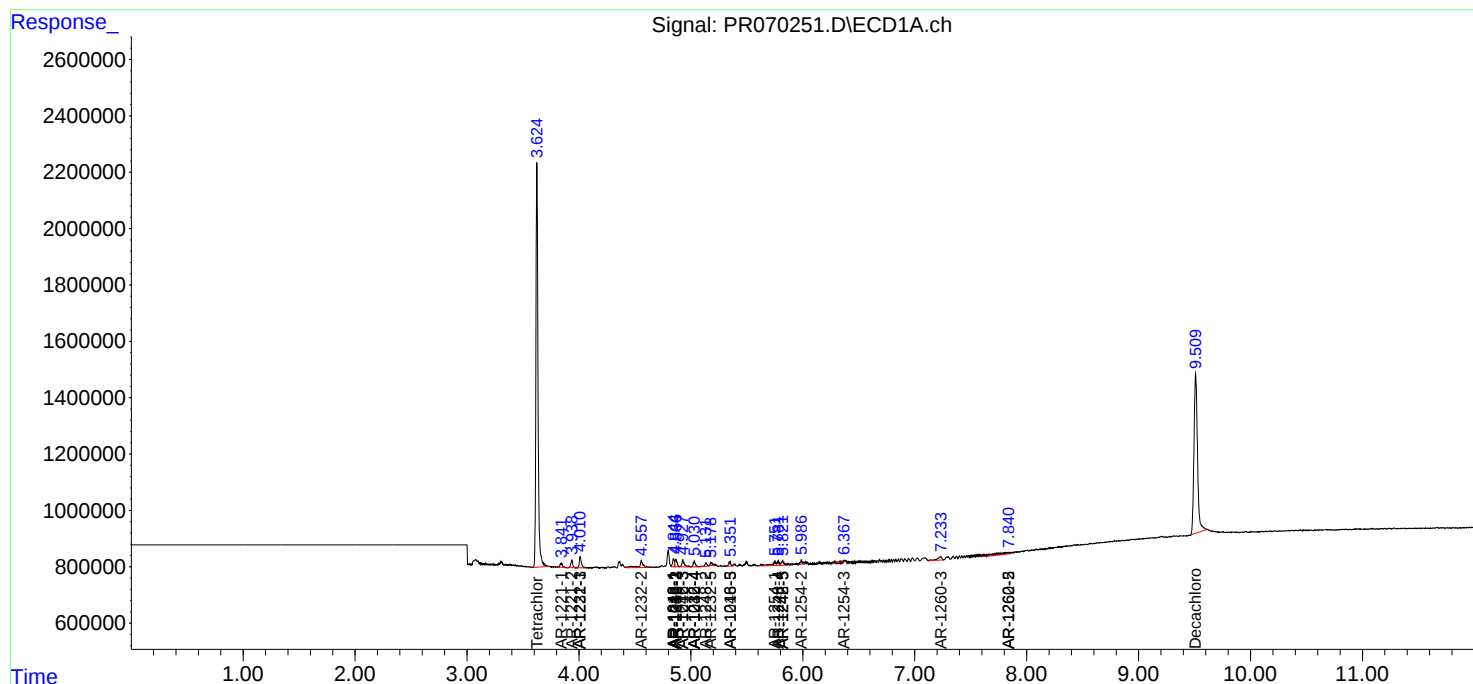
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

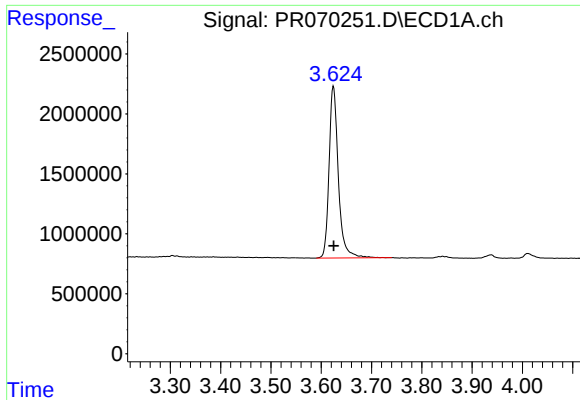
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR021025\
Data File : PR070251.D
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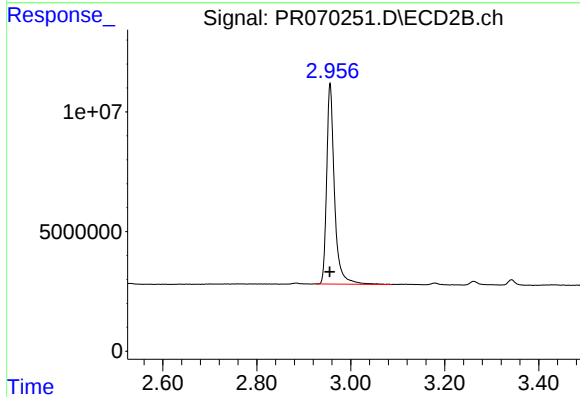




#1 Tetrachloro-m-xylene

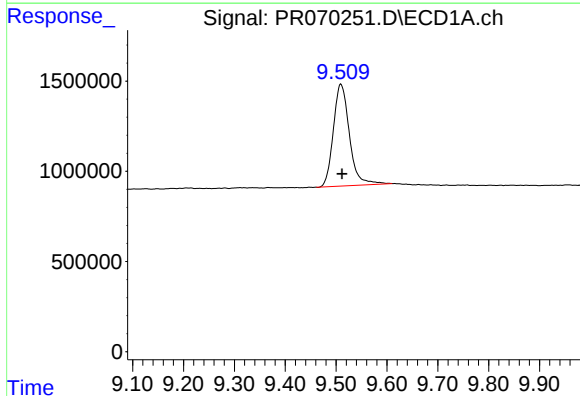
R.T.: 3.624 min
Delta R.T.: 0.000 min
Response: 18390537
Conc: 16.29 ng/ml

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



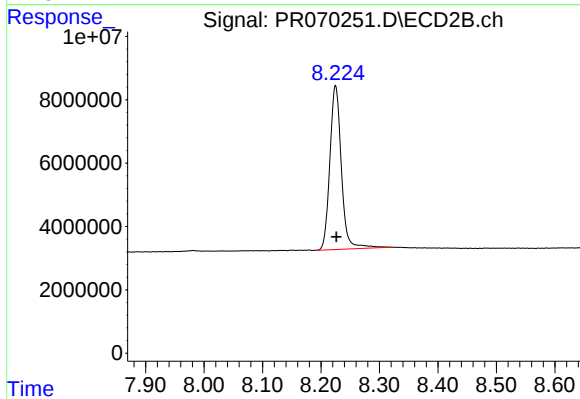
#1 Tetrachloro-m-xylene

R.T.: 2.956 min
Delta R.T.: 0.000 min
Response: 96557087
Conc: 16.56 ng/ml



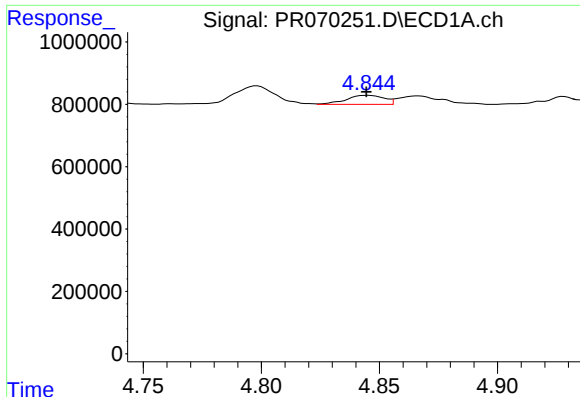
#2 Decachlorobiphenyl

R.T.: 9.510 min
Delta R.T.: -0.003 min
Response: 12373830
Conc: 17.31 ng/ml



#2 Decachlorobiphenyl

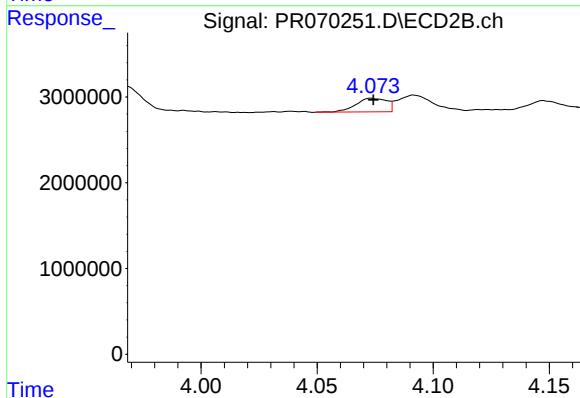
R.T.: 8.225 min
Delta R.T.: -0.001 min
Response: 70829415
Conc: 17.30 ng/ml



#3 AR-1016-1

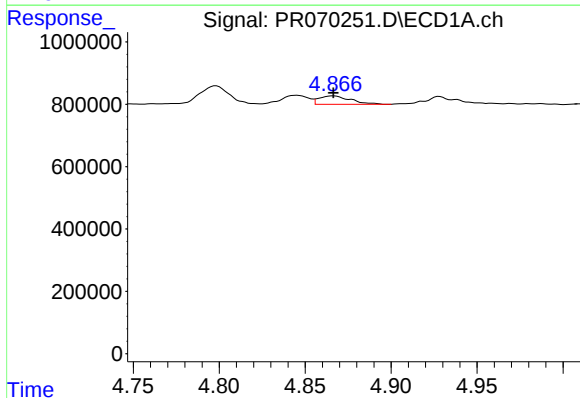
R.T.: 4.845 min
Delta R.T.: 0.000 min
Response: 322510
Conc: 10.87 ng/ml

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



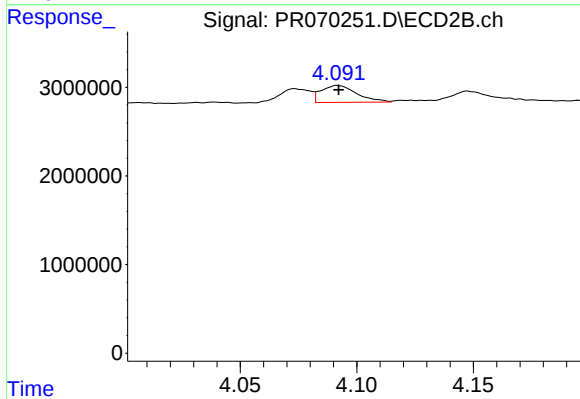
#3 AR-1016-1

R.T.: 4.074 min
Delta R.T.: 0.000 min
Response: 1474905
Conc: 9.35 ng/ml



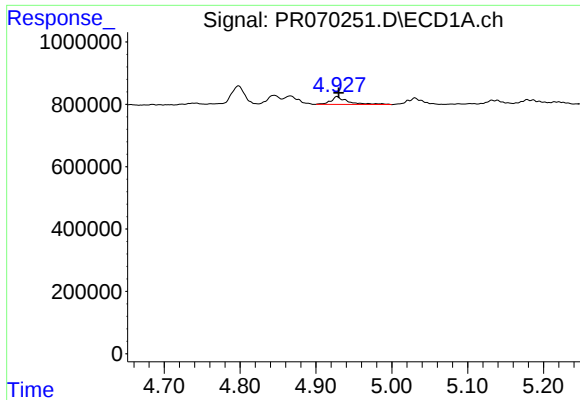
#4 AR-1016-2

R.T.: 4.866 min
Delta R.T.: 0.000 min
Response: 349060
Conc: 7.32 ng/ml



#4 AR-1016-2

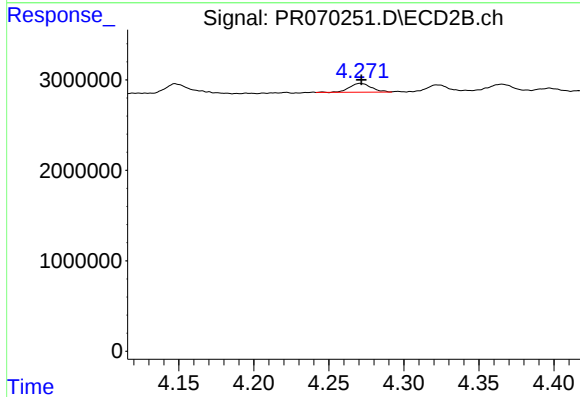
R.T.: 4.092 min
Delta R.T.: 0.000 min
Response: 2049936
Conc: 8.61 ng/ml



#5 AR-1016-3

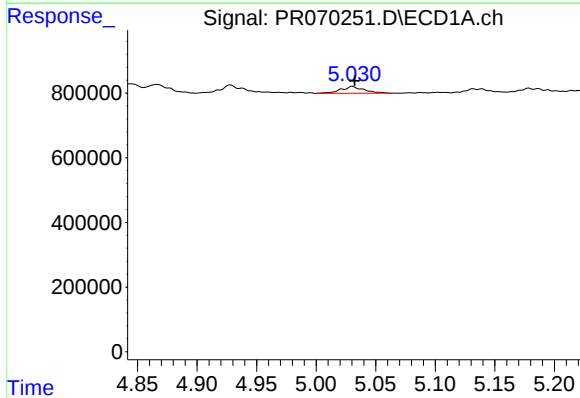
R.T.: 4.928 min
Delta R.T.: -0.002 min
Response: 398016
Conc: 12.95 ng/ml

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



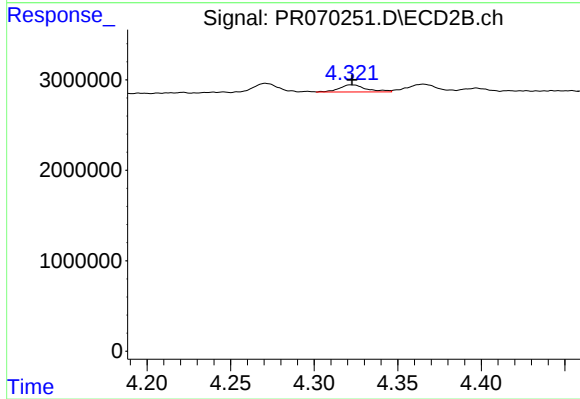
#5 AR-1016-3

R.T.: 4.271 min
Delta R.T.: 0.000 min
Response: 995143
Conc: 7.93 ng/ml



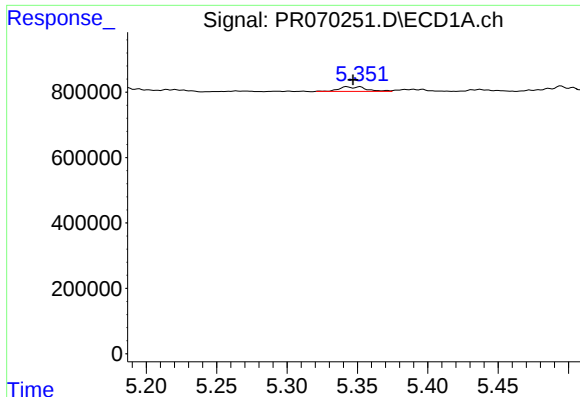
#6 AR-1016-4

R.T.: 5.031 min
Delta R.T.: -0.002 min
Response: 279488
Conc: 11.50 ng/ml



#6 AR-1016-4

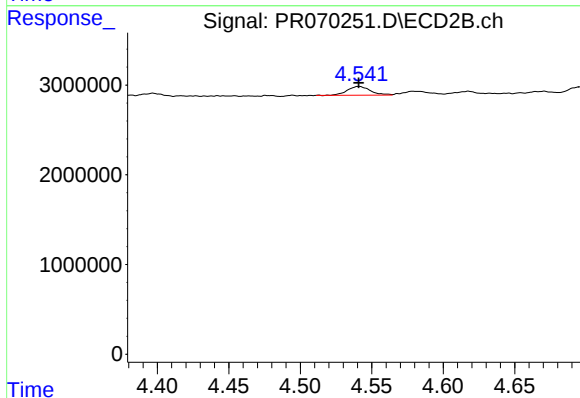
R.T.: 4.322 min
Delta R.T.: 0.000 min
Response: 889804
Conc: 8.10 ng/ml



#7 AR-1016-5

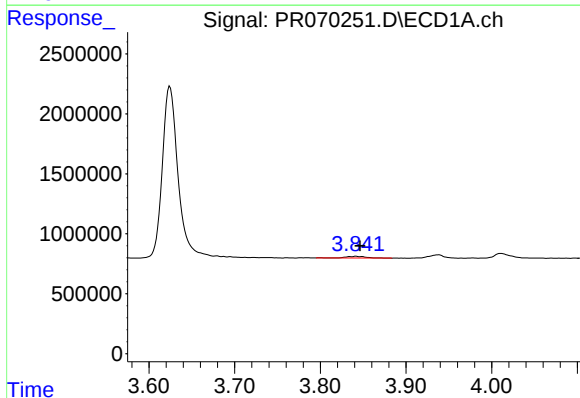
R.T.: 5.343 min
Delta R.T.: -0.004 min
Response: 196009
Conc: 8.18 ng/ml

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



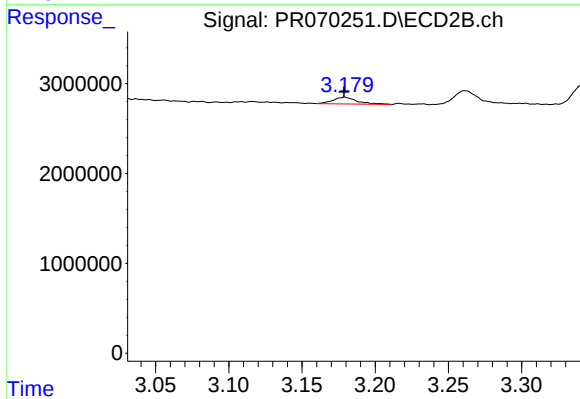
#7 AR-1016-5

R.T.: 4.541 min
Delta R.T.: 0.000 min
Response: 1094198
Conc: 8.02 ng/ml



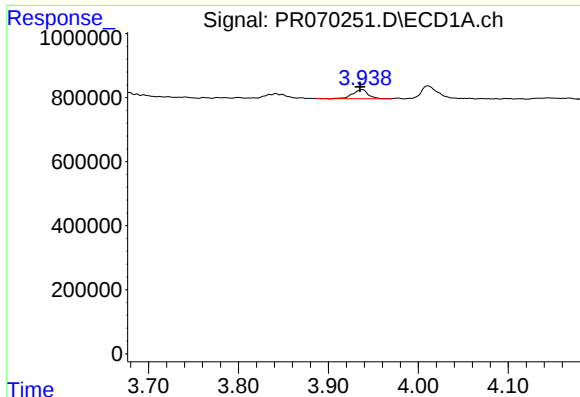
#8 AR-1221-1

R.T.: 3.842 min
Delta R.T.: -0.005 min
Response: 215011
Conc: 16.47 ng/ml



#8 AR-1221-1

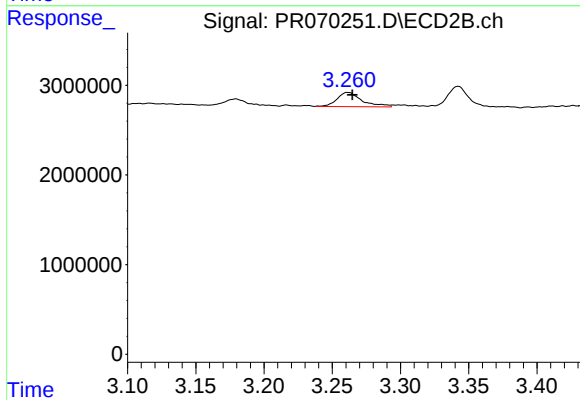
R.T.: 3.179 min
Delta R.T.: 0.000 min
Response: 854895
Conc: 12.49 ng/ml



#9 AR-1221-2

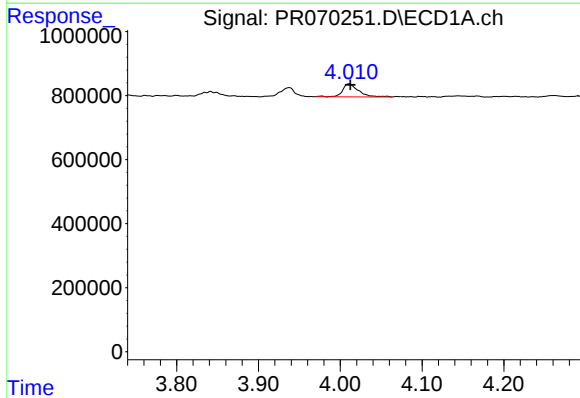
R.T.: 3.937 min
Delta R.T.: 0.002 min
Response: 333095
Conc: 34.12 ng/ml

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



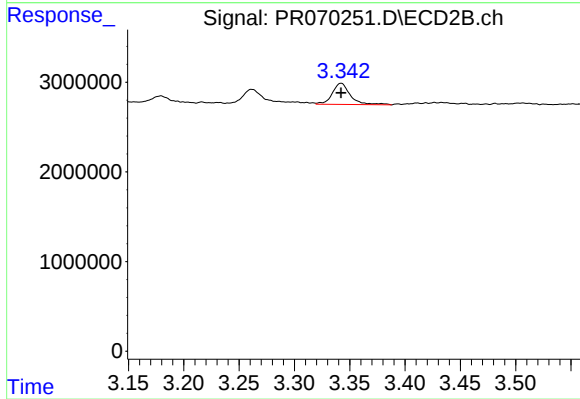
#9 AR-1221-2

R.T.: 3.262 min
Delta R.T.: -0.003 min
Response: 2020201
Conc: 39.45 ng/ml



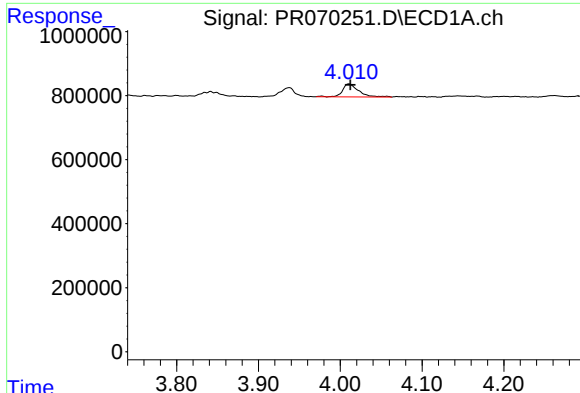
#10 AR-1221-3

R.T.: 4.011 min
Delta R.T.: -0.001 min
Response: 554397
Conc: 18.13 ng/ml



#10 AR-1221-3

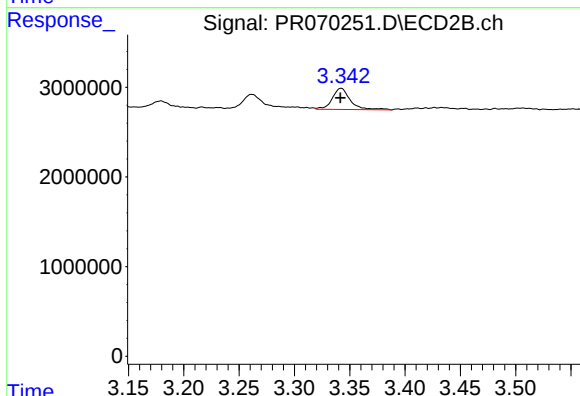
R.T.: 3.342 min
Delta R.T.: 0.000 min
Response: 2651638
Conc: 17.03 ng/ml



#11 AR-1232-1

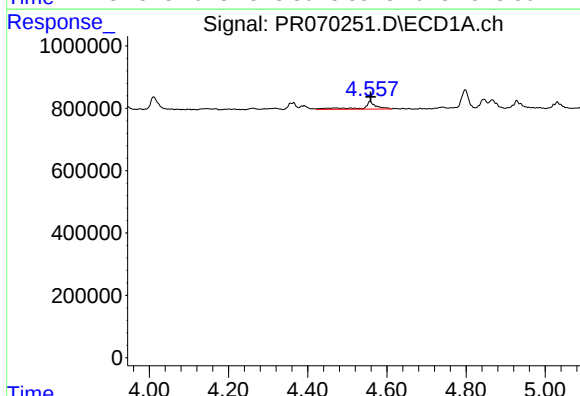
R.T.: 4.011 min
Delta R.T.: -0.001 min
Response: 554397
Conc: 23.38 ng/ml

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



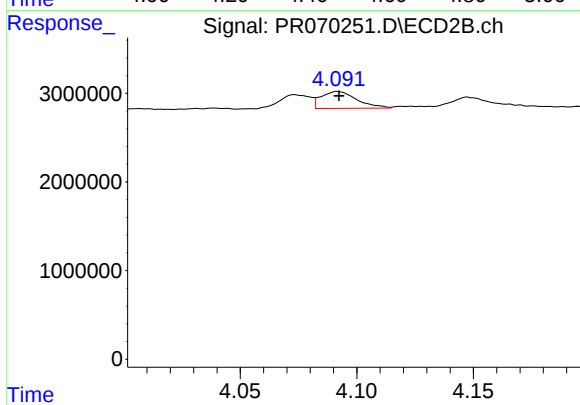
#11 AR-1232-1

R.T.: 3.342 min
Delta R.T.: 0.000 min
Response: 2651638
Conc: 22.18 ng/ml



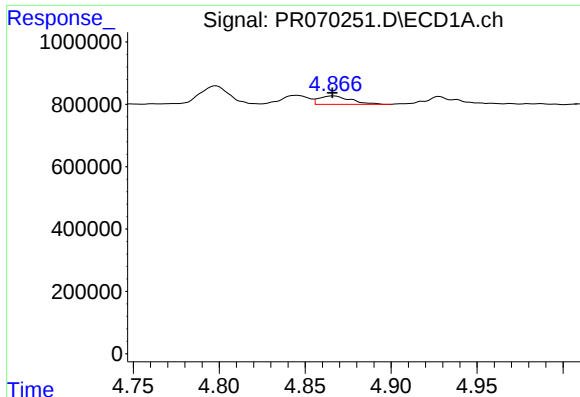
#12 AR-1232-2

R.T.: 4.558 min
Delta R.T.: -0.002 min
Response: 593643
Conc: 47.50 ng/ml



#12 AR-1232-2

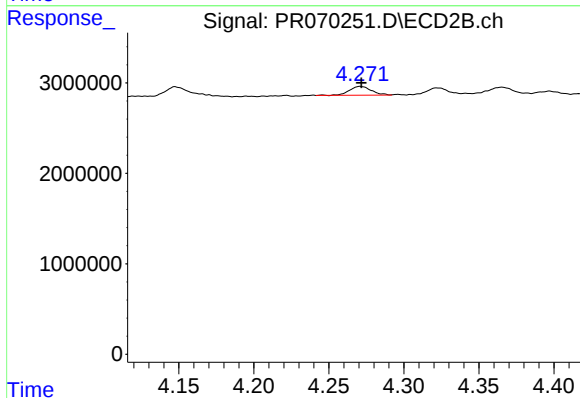
R.T.: 4.092 min
Delta R.T.: 0.000 min
Response: 2049936
Conc: 18.47 ng/ml



#13 AR-1232-3

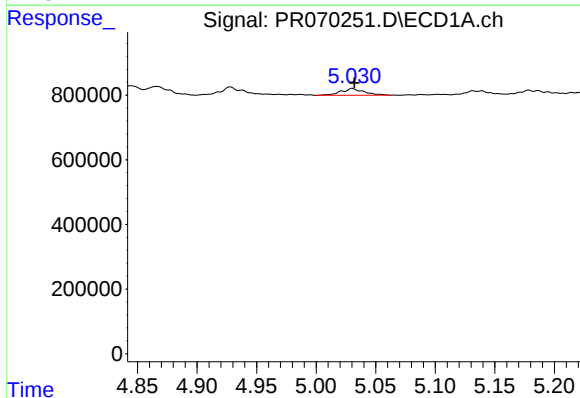
R.T.: 4.866 min
Delta R.T.: 0.000 min
Response: 349060
Conc: 16.14 ng/ml

Instrument :
ECD_R
ClientSampleId :
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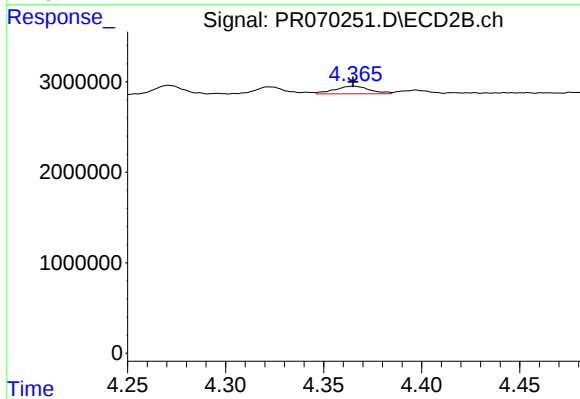
#13 AR-1232-3

R.T.: 4.271 min
Delta R.T.: 0.000 min
Response: 995143
Conc: 17.24 ng/ml



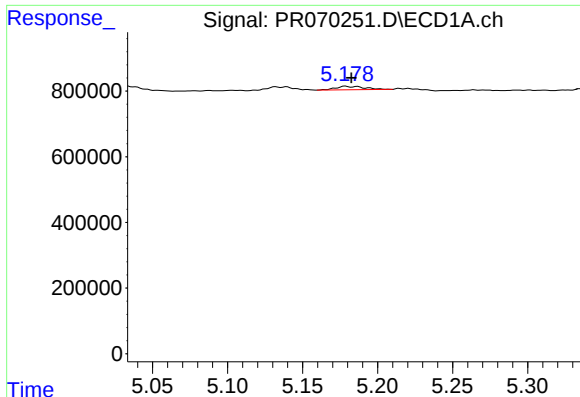
#14 AR-1232-4

R.T.: 5.031 min
Delta R.T.: -0.001 min
Response: 279488
Conc: 25.65 ng/ml



#14 AR-1232-4

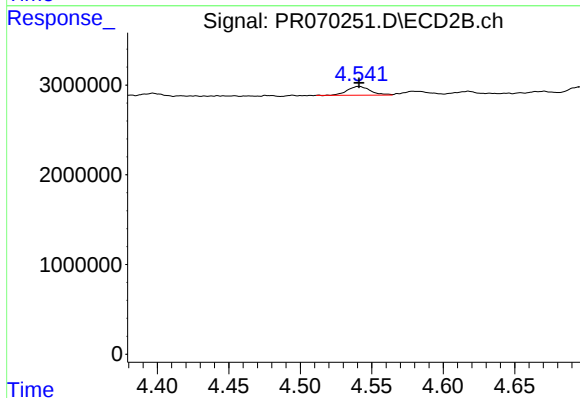
R.T.: 4.365 min
Delta R.T.: 0.000 min
Response: 1057279
Conc: 19.92 ng/ml



#15 AR-1232-5

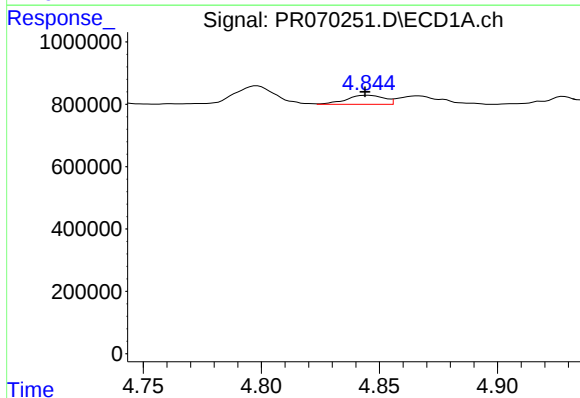
R.T.: 5.179 min
Delta R.T.: -0.003 min
Response: 145896
Conc: 15.20 ng/ml

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



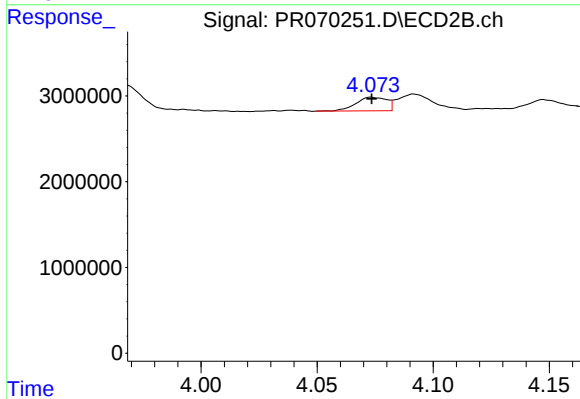
#15 AR-1232-5

R.T.: 4.541 min
Delta R.T.: 0.000 min
Response: 1094198
Conc: 19.12 ng/ml



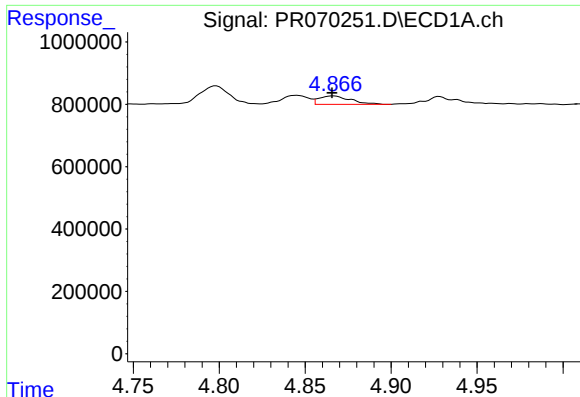
#16 AR-1242-1

R.T.: 4.845 min
Delta R.T.: 0.001 min
Response: 322510
Conc: 13.43 ng/ml



#16 AR-1242-1

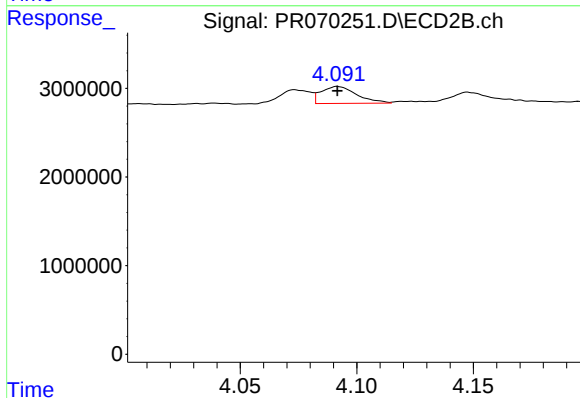
R.T.: 4.074 min
Delta R.T.: 0.000 min
Response: 1474905
Conc: 11.40 ng/ml



#17 AR-1242-2

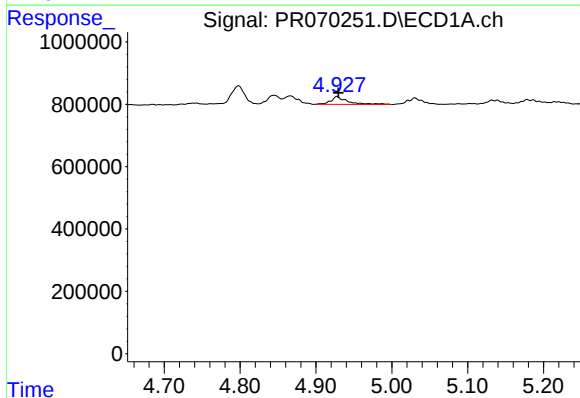
R.T.: 4.866 min
Delta R.T.: 0.000 min
Response: 349060
Conc: 9.00 ng/ml

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



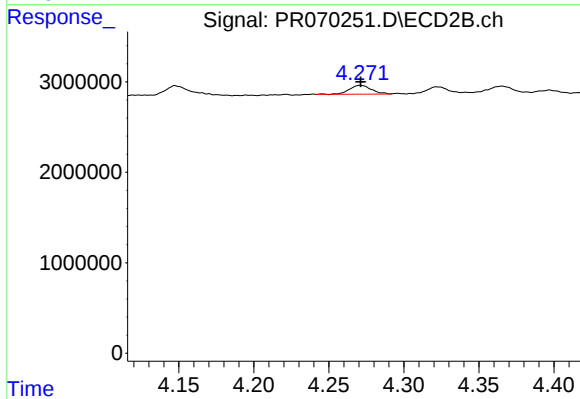
#17 AR-1242-2

R.T.: 4.092 min
Delta R.T.: 0.000 min
Response: 2049936
Conc: 10.54 ng/ml



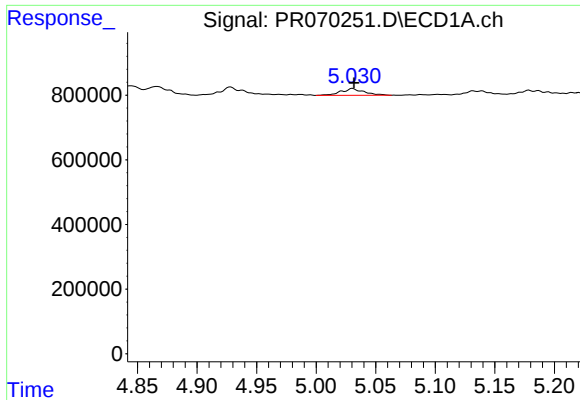
#18 AR-1242-3

R.T.: 4.928 min
Delta R.T.: -0.001 min
Response: 398016
Conc: 15.87 ng/ml



#18 AR-1242-3

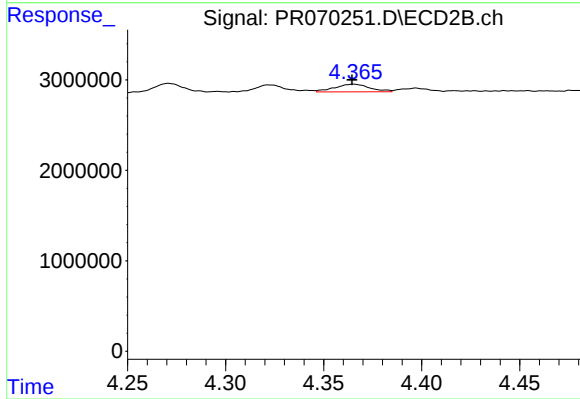
R.T.: 4.271 min
Delta R.T.: 0.000 min
Response: 995143
Conc: 9.56 ng/ml



#19 AR-1242-4

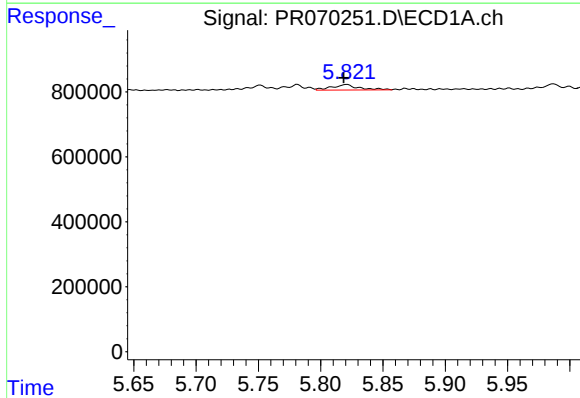
R.T.: 5.031 min
Delta R.T.: -0.001 min
Response: 279488
Conc: 14.39 ng/ml

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



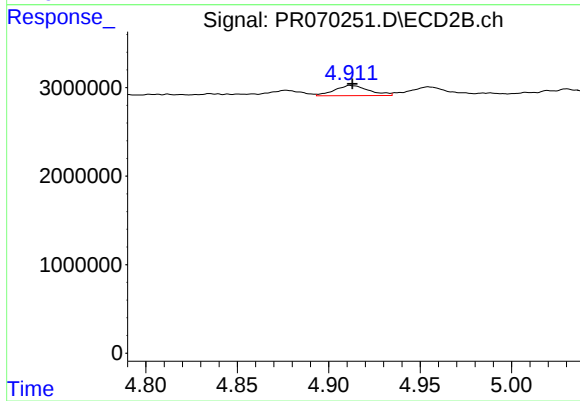
#19 AR-1242-4

R.T.: 4.365 min
Delta R.T.: 0.000 min
Response: 1057279
Conc: 10.32 ng/ml



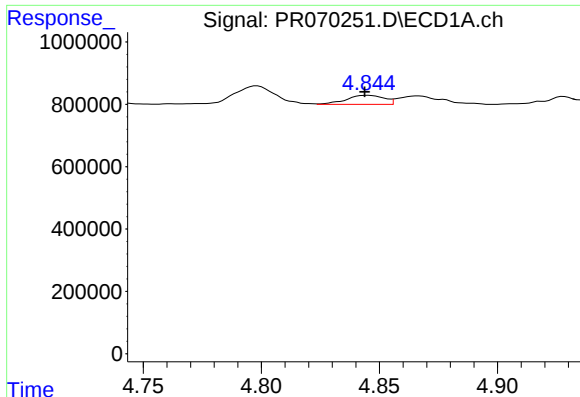
#20 AR-1242-5

R.T.: 5.821 min
Delta R.T.: 0.002 min
Response: 256558
Conc: 13.55 ng/ml



#20 AR-1242-5

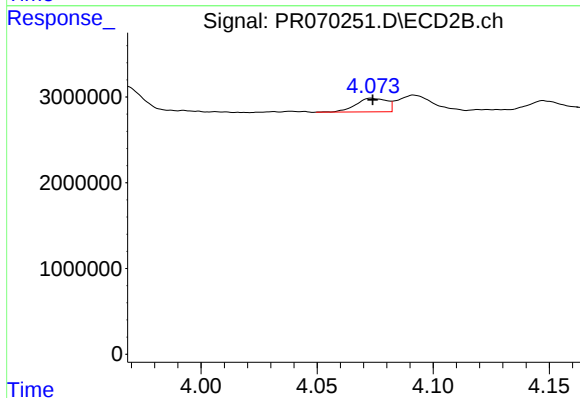
R.T.: 4.912 min
Delta R.T.: 0.000 min
Response: 1508844
Conc: 13.17 ng/ml



#21 AR-1248-1

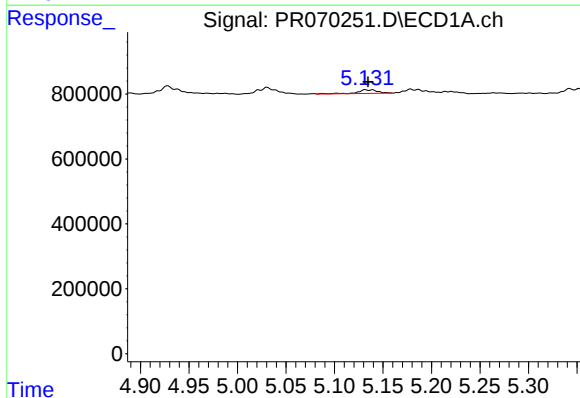
R.T.: 4.845 min
Delta R.T.: 0.001 min
Response: 322510
Conc: 17.75 ng/ml

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



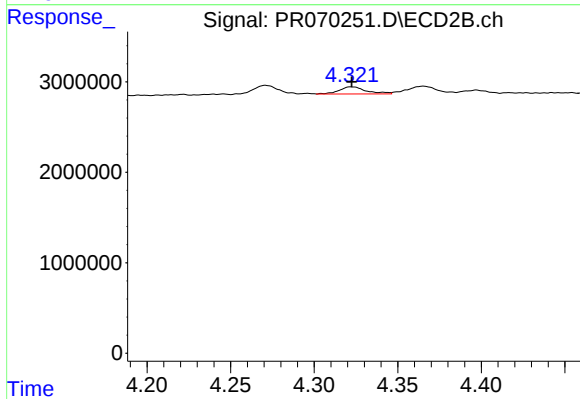
#21 AR-1248-1

R.T.: 4.074 min
Delta R.T.: 0.000 min
Response: 1474905
Conc: 15.29 ng/ml



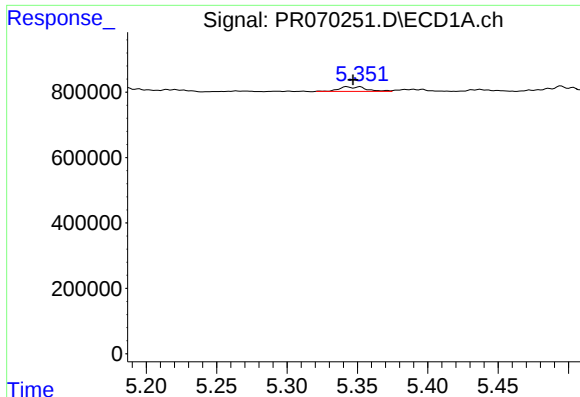
#22 AR-1248-2

R.T.: 5.133 min
Delta R.T.: -0.002 min
Response: 161959
Conc: 5.84 ng/ml



#22 AR-1248-2

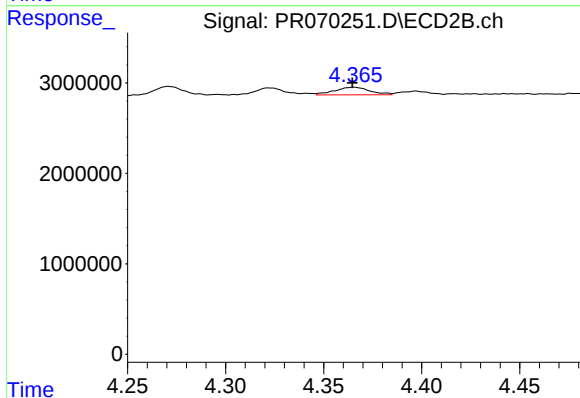
R.T.: 4.322 min
Delta R.T.: 0.000 min
Response: 889804
Conc: 6.13 ng/ml



#23 AR-1248-3

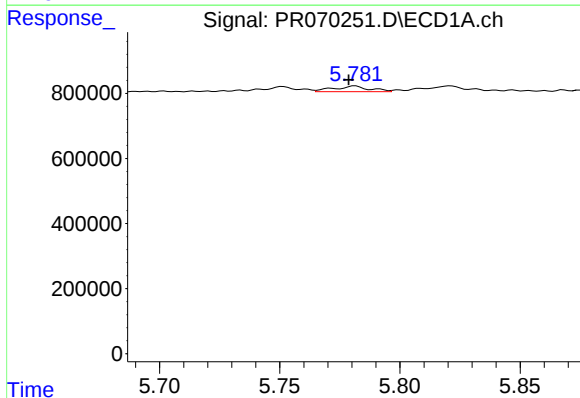
R.T.: 5.343 min
Delta R.T.: -0.004 min
Response: 196009
Conc: 6.22 ng/ml

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



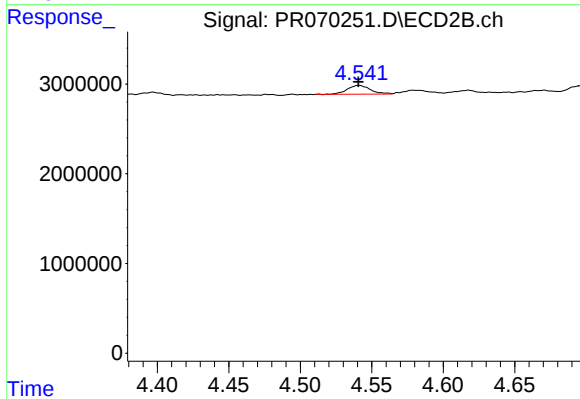
#23 AR-1248-3

R.T.: 4.365 min
Delta R.T.: 0.000 min
Response: 1057279
Conc: 7.14 ng/ml



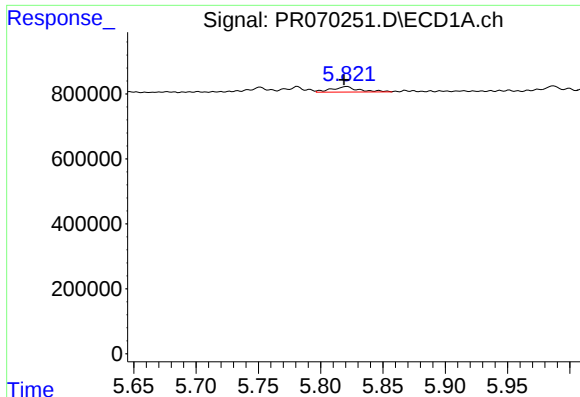
#24 AR-1248-4

R.T.: 5.781 min
Delta R.T.: 0.003 min
Response: 183338
Conc: 6.09 ng/ml



#24 AR-1248-4

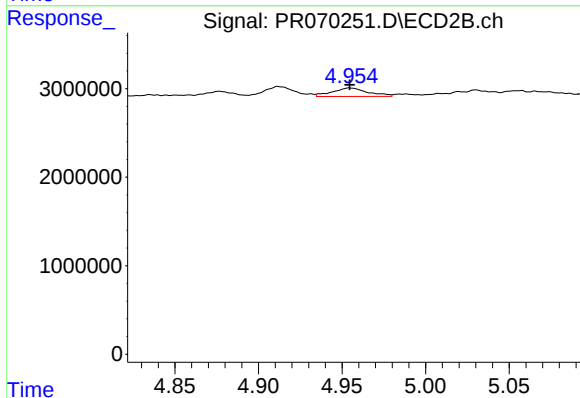
R.T.: 4.541 min
Delta R.T.: 0.000 min
Response: 1094198
Conc: 6.23 ng/ml



#25 AR-1248-5

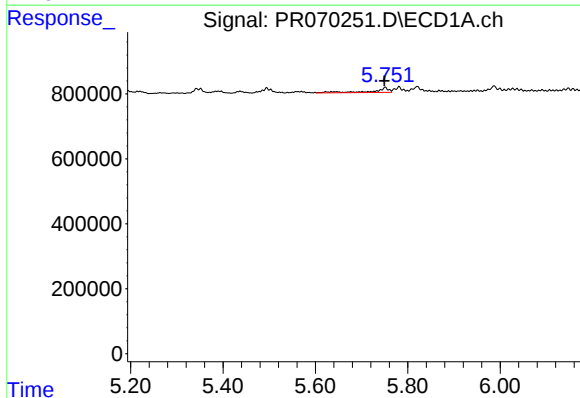
R.T.: 5.821 min
Delta R.T.: 0.002 min
Response: 256558
Conc: 8.07 ng/ml

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



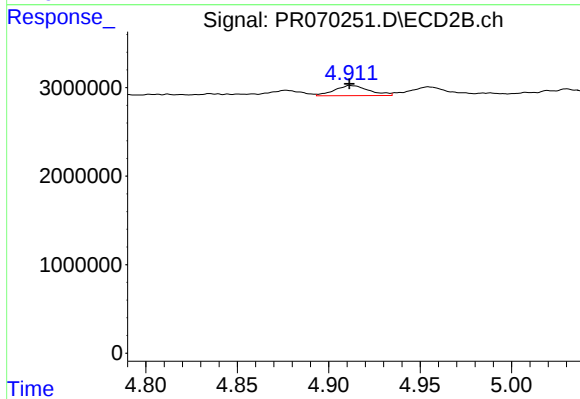
#25 AR-1248-5

R.T.: 4.955 min
Delta R.T.: 0.000 min
Response: 1436126
Conc: 9.56 ng/ml



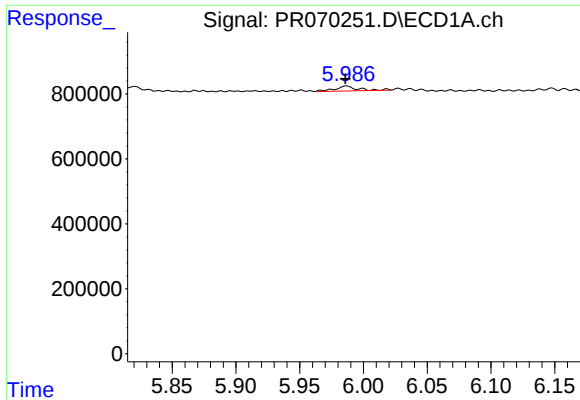
#26 AR-1254-1

R.T.: 5.751 min
Delta R.T.: 0.002 min
Response: 321467
Conc: 8.82 ng/ml



#26 AR-1254-1

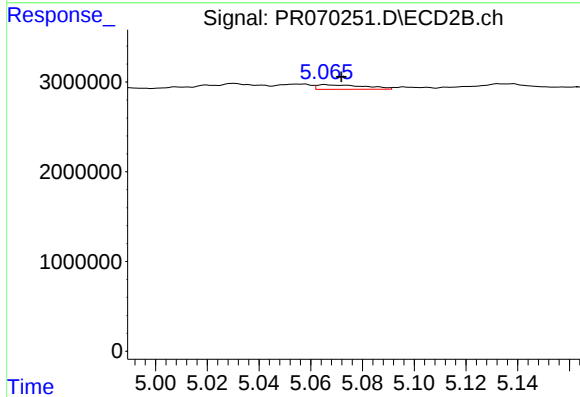
R.T.: 4.912 min
Delta R.T.: 0.000 min
Response: 1508844
Conc: 5.97 ng/ml



#27 AR-1254-2

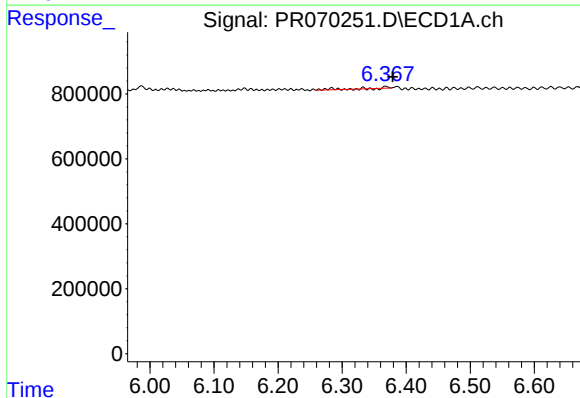
R.T.: 5.987 min
Delta R.T.: 0.000 min
Response: 180312
Conc: 3.33 ng/ml

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



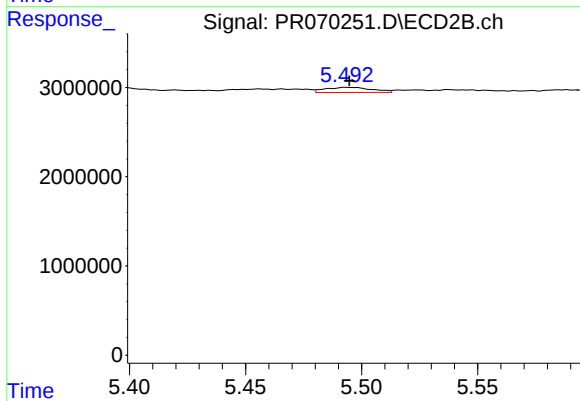
#27 AR-1254-2

R.T.: 5.066 min
Delta R.T.: -0.006 min
Response: 661272
Conc: 3.03 ng/ml



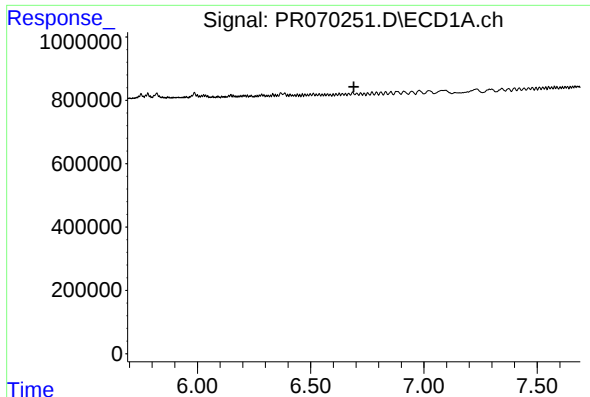
#28 AR-1254-3

R.T.: 6.368 min
Delta R.T.: -0.010 min
Response: 58830
Conc: 1.10 ng/ml



#28 AR-1254-3

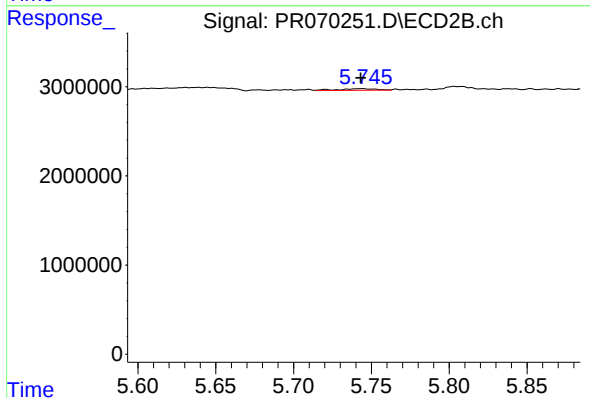
R.T.: 5.494 min
Delta R.T.: -0.001 min
Response: 813984
Conc: 2.55 ng/ml



#29 AR-1254-4

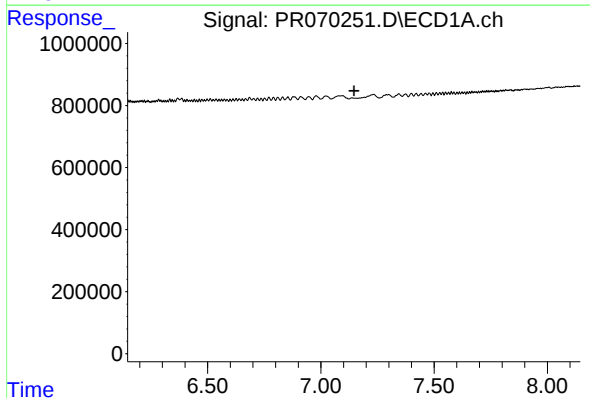
R.T.: 0.000 min
Exp R.T.: 6.691 min
Response: 0
Conc: N.D.

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



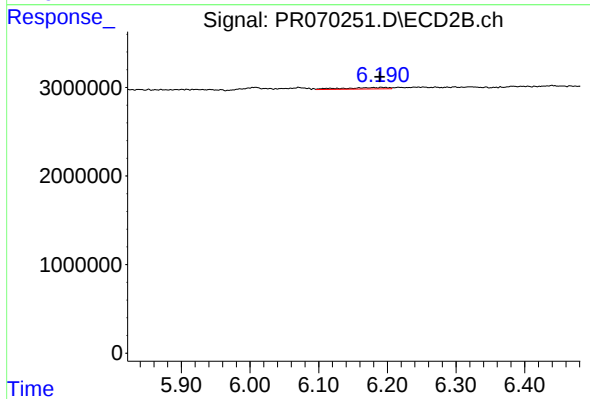
#29 AR-1254-4

R.T.: 5.744 min
Delta R.T.: 0.000 min
Response: 311341
Conc: 1.93 ng/ml



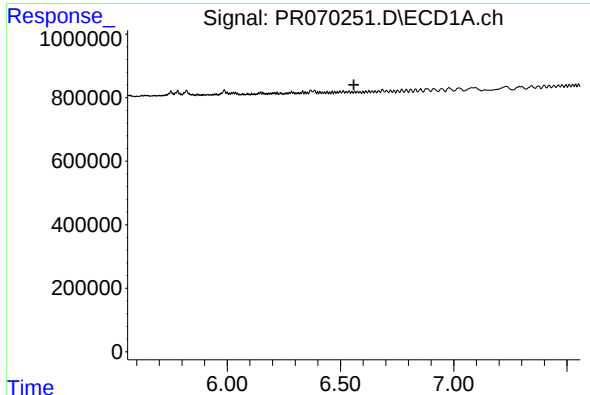
#30 AR-1254-5

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



#30 AR-1254-5

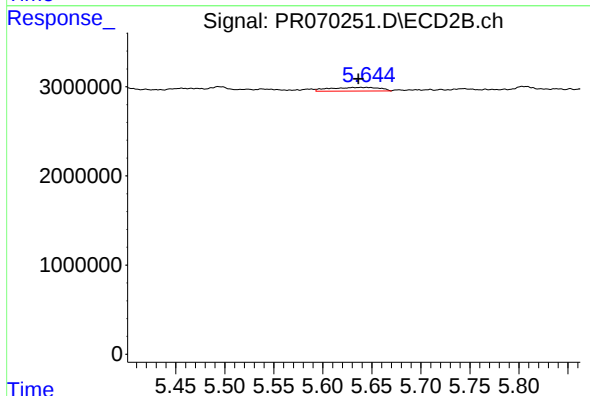
R.T.: 6.193 min
Delta R.T.: 0.003 min
Response: 771484
Conc: 2.97 ng/ml



#31 AR-1260-1

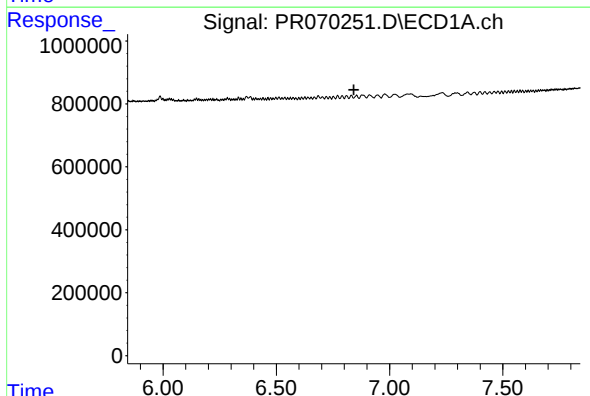
R.T.: 0.000 min
Exp R.T.: 6.559 min
Response: 0
Conc: N.D.

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



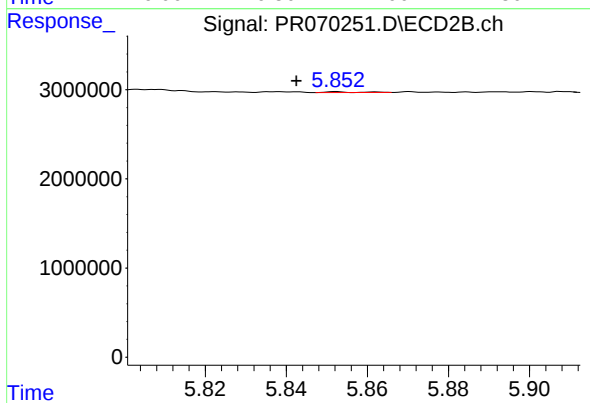
#31 AR-1260-1

R.T.: 5.645 min
Delta R.T.: 0.008 min
Response: 1448848
Conc: 6.58 ng/ml



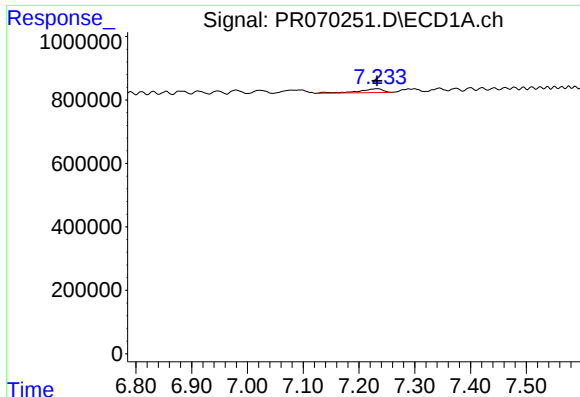
#32 AR-1260-2

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



#32 AR-1260-2

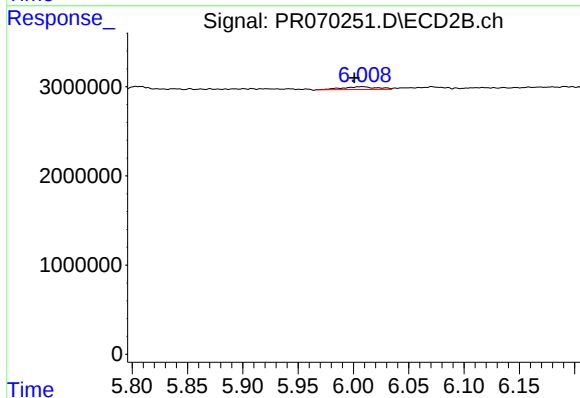
R.T.: 5.852 min
Delta R.T.: 0.010 min
Response: 43621
Conc: 0.18 ng/ml



#33 AR-1260-3

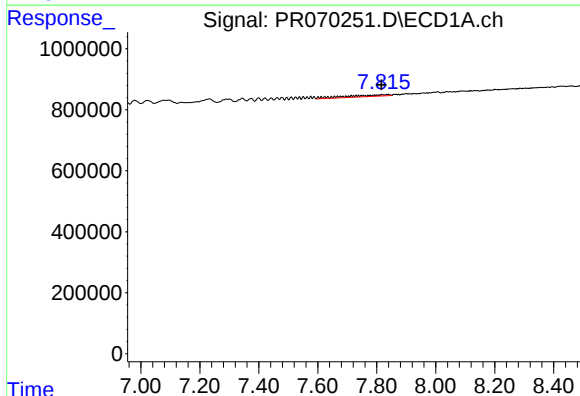
R.T.: 7.233 min
Delta R.T.: 0.000 min
Response: 356719
Conc: 9.57 ng/ml

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



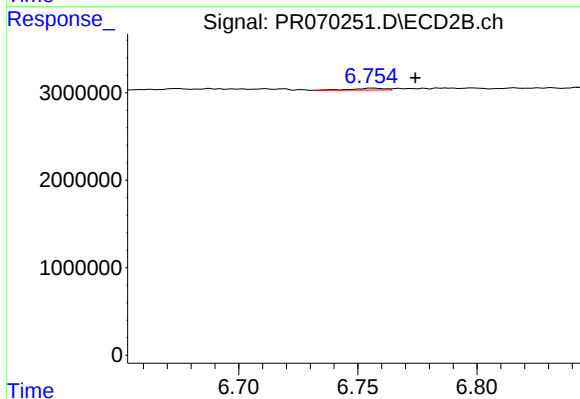
#33 AR-1260-3

R.T.: 6.008 min
Delta R.T.: 0.007 min
Response: 690398
Conc: 2.90 ng/ml



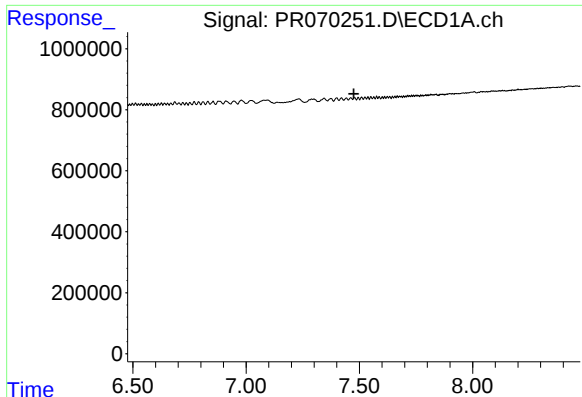
#35 AR-1260-5

R.T.: 7.838 min
Delta R.T.: 0.021 min
Response: 535008
Conc: 8.32 ng/ml



#35 AR-1260-5

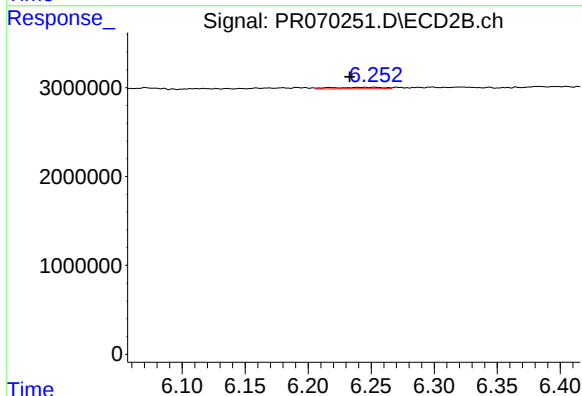
R.T.: 6.757 min
Delta R.T.: -0.017 min
Response: 205834
Conc: 0.50 ng/ml



#36 AR-1262-1

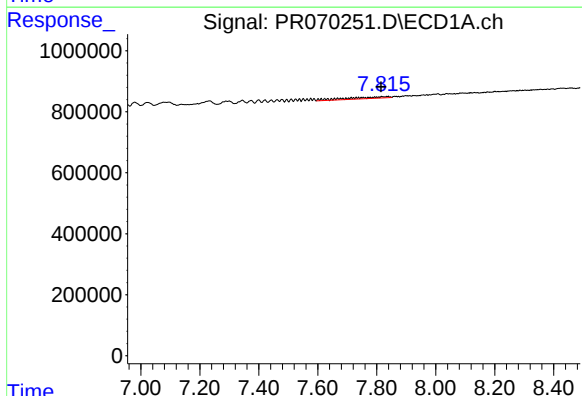
R.T.: 0.000 min
Exp R.T.: 7.476 min
Response: 0
Conc: N.D.

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



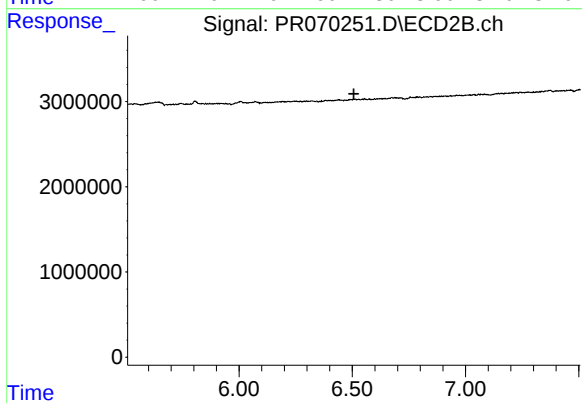
#36 AR-1262-1

R.T.: 6.252 min
Delta R.T.: 0.019 min
Response: 482167
Conc: 1.57 ng/ml



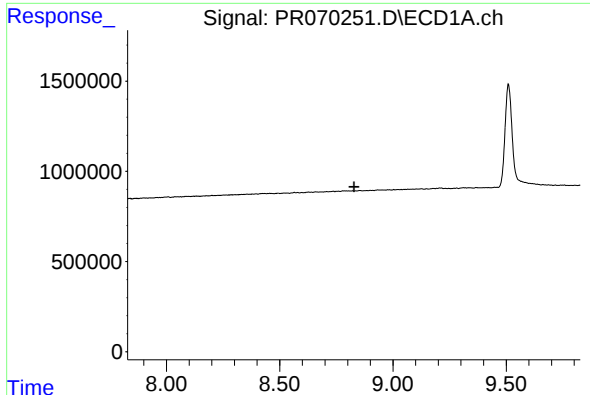
#37 AR-1262-2

R.T.: 7.838 min
Delta R.T.: 0.022 min
Response: 535008
Conc: 7.08 ng/ml



#37 AR-1262-2

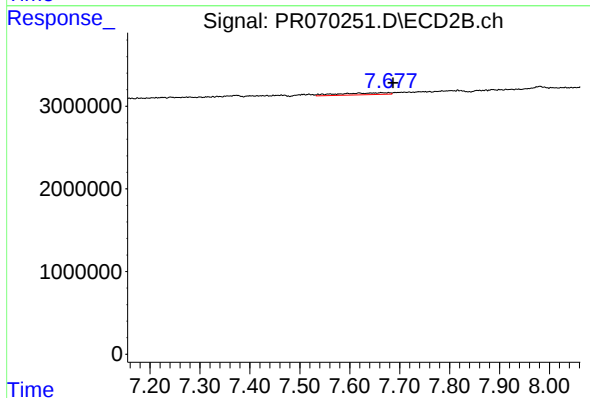
R.T.: 0.000 min
Exp R.T.: 6.507 min
Response: 0
Conc: N.D.



#40 AR-1262-5

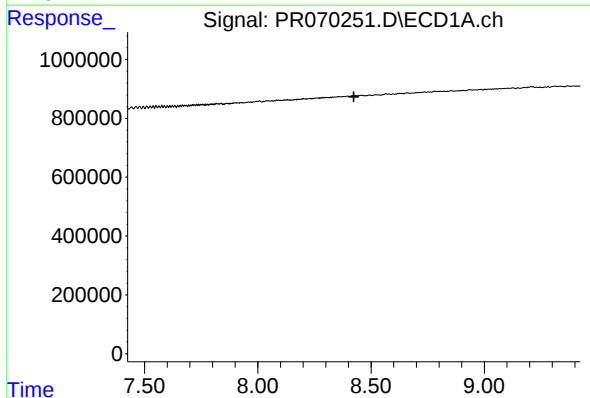
R.T.: 0.000 min
Exp R.T.: 8.828 min
Response: 0
Conc: N.D.

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



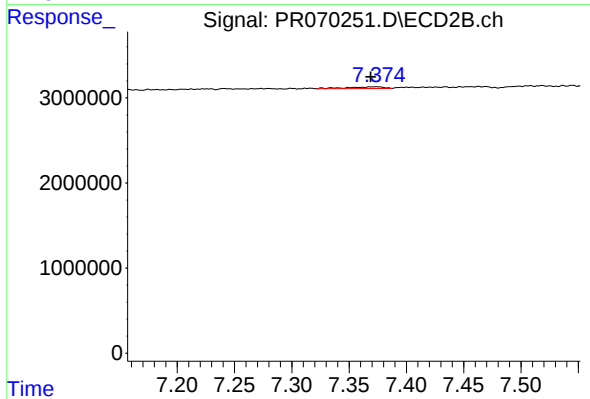
#40 AR-1262-5

R.T.: 7.663 min
Delta R.T.: -0.024 min
Response: 1580510
Conc: 10.36 ng/ml



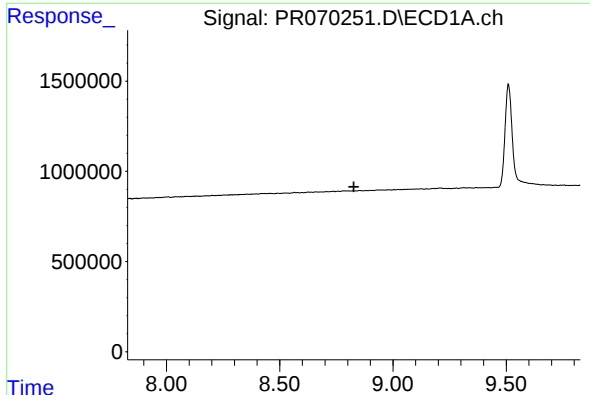
#43 AR-1268-3

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



#43 AR-1268-3

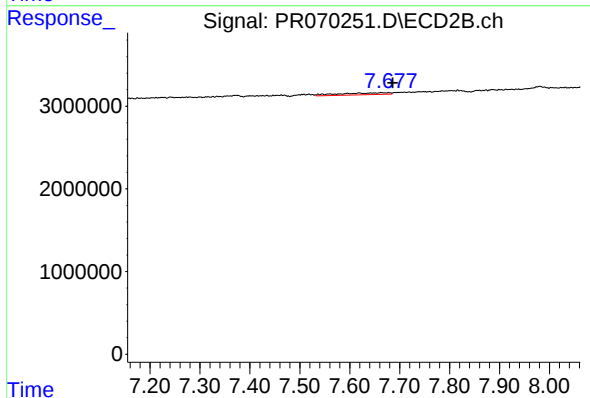
R.T.: 7.373 min
Delta R.T.: 0.004 min
Response: 428866
Conc: 0.88 ng/ml



#44 AR-1268-4

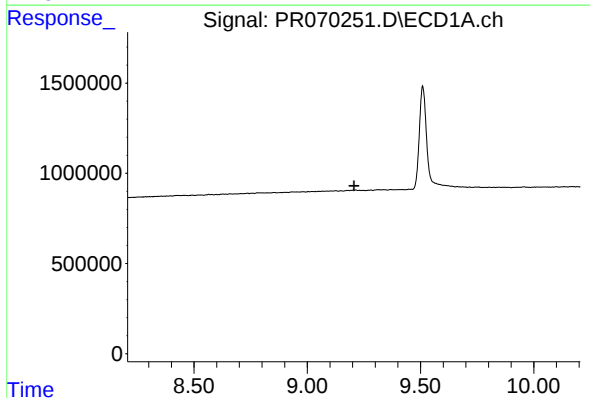
R.T.: 0.000 min
Exp R.T.: 8.828 min
Response: 0
Conc: N.D.

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



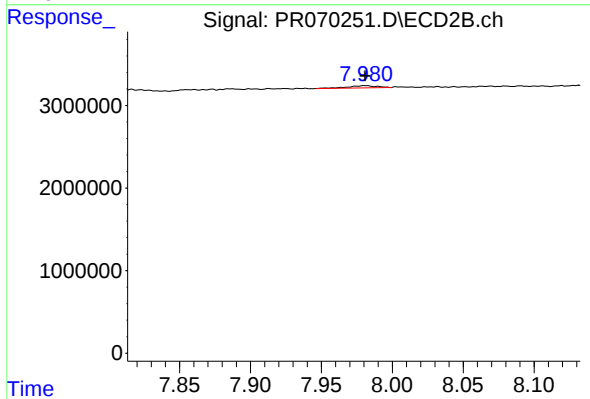
#44 AR-1268-4

R.T.: 7.663 min
Delta R.T.: -0.022 min
Response: 1580510
Conc: 9.24 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: 388542
Conc: 0.28 ng/ml