

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR050924\
 Data File : PR066585.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 May 2024 13:07
 Operator : AJ\MA
 Sample : P2403-01
 Misc : AR1221 LOD 25 PPB
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 10 01:06:54 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR042424.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Apr 26 07:26:35 2024
 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...	3.656	2.894	104.9E6	83875138	20.004	18.765
2) SA Decachlor...	9.542	8.127	45006077	85370560	19.218	18.189
Target Compounds						
3) L1 AR-1016-1	4.877	4.004	461122	158227	3.226	1.047 #
4) L1 AR-1016-2	4.898	4.037	648524	912637	2.965	4.253 #
5) L1 AR-1016-3	4.969	4.199	1574356	257178	10.841	2.193 #
6) L1 AR-1016-4	5.068	4.253	224464	226847	1.954	2.351
7) L1 AR-1016-5	5.378	4.468	144957	248699	1.273	2.012 #
8) L2 AR-1221-1	3.880	3.118	1680955	1161229	27.839	21.434
9) L2 AR-1221-2	3.966	3.197	2249901	1886561	50.915	45.439
10) L2 AR-1221-3	4.044	3.280	3598355	3135911	27.704	25.956
11) L3 AR-1232-1	4.044	3.280	3598355	3135911	33.792	31.242
12) L3 AR-1232-2	4.587	4.037	908006	912637	14.797	9.170 #
13) L3 AR-1232-3	4.898	4.199	648524	257178	6.345	4.801
14) L3 AR-1232-4	5.068	4.276f	224464	753376	4.168	15.533 #
15) L3 AR-1232-5	5.173	4.468	1378453	248699	34.261	4.662 #
16) L4 AR-1242-1	4.877	4.004	461122	158227	3.874	1.264 #
17) L4 AR-1242-2	4.898	4.037	648524	912637	3.608	5.149 #
18) L4 AR-1242-3	4.969	4.199	1574356	257178	13.216	2.677 #
19) L4 AR-1242-4	5.068	4.276f	224464	753376	2.371	7.892 #
20) L4 AR-1242-5	5.841	4.831	345402	192014	3.841	1.563 #
21) L5 AR-1248-1	4.877	4.004	461122	158227	5.328	1.702 #
22) L5 AR-1248-2	5.173	4.253	1378453	226847	10.356	1.676 #
23) L5 AR-1248-3	5.378	4.276f	144957	753376	0.966	5.472 #
24) L5 AR-1248-4	5.821	4.468	27326	248699	0.192	1.505 #
25) L5 AR-1248-5	5.841	4.869	345402	556815	2.412	3.451 #
26) L6 AR-1254-1	5.781	4.831	1406044	192014	8.461	0.781 #
27) L6 AR-1254-2	6.017	4.989	229897	197219	0.938	0.901
28) L6 AR-1254-3	6.405	5.396f	287967	1362728	1.165	3.964 #
29) L6 AR-1254-4	6.742f	5.659	179868	128163	1.133	0.600 #
30) L6 AR-1254-5	7.160f	6.109	1238742	378222	6.951	1.175 #
31) L7 AR-1260-1	6.584	5.536f	372393	211487	1.792	0.834 #
32) L7 AR-1260-2	6.841f	5.765	158113	359348	0.713	1.180 #
33) L7 AR-1260-3	7.267	5.924	2505409	796424	14.940	2.736 #
34) L7 AR-1260-4	0.000	6.437	0	452766	N.D.	1.813 #
36) L8 AR-1262-1	7.267	6.213	2505409	538135	10.983	3.724 #
37) L8 AR-1262-2	0.000	6.437	0	452766	N.D.	1.471 #
38) L8 AR-1262-3	8.149	6.984	133831	60116	0.632	0.248 #
39) L8 AR-1262-4	8.233	7.073	134932	373711	1.235	0.850 #
41) L9 AR-1268-1	8.149	6.984	133831	60116	0.343	0.083 #
42) L9 AR-1268-2	8.233	7.073	134932	373711	0.393	0.582 #
43) L9 AR-1268-3	0.000	7.280	0	705379	N.D.	1.244 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR050924\
Data File : PR066585.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 May 2024 13:07
Operator : AJ\MA
Sample : P2403-01
Misc : AR1221 LOD 25 PPB
ALS Vial : 14 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 10 01:06:54 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR042424.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 26 07:26:35 2024
Response via : Initial Calibration
Integrator: ChemStation

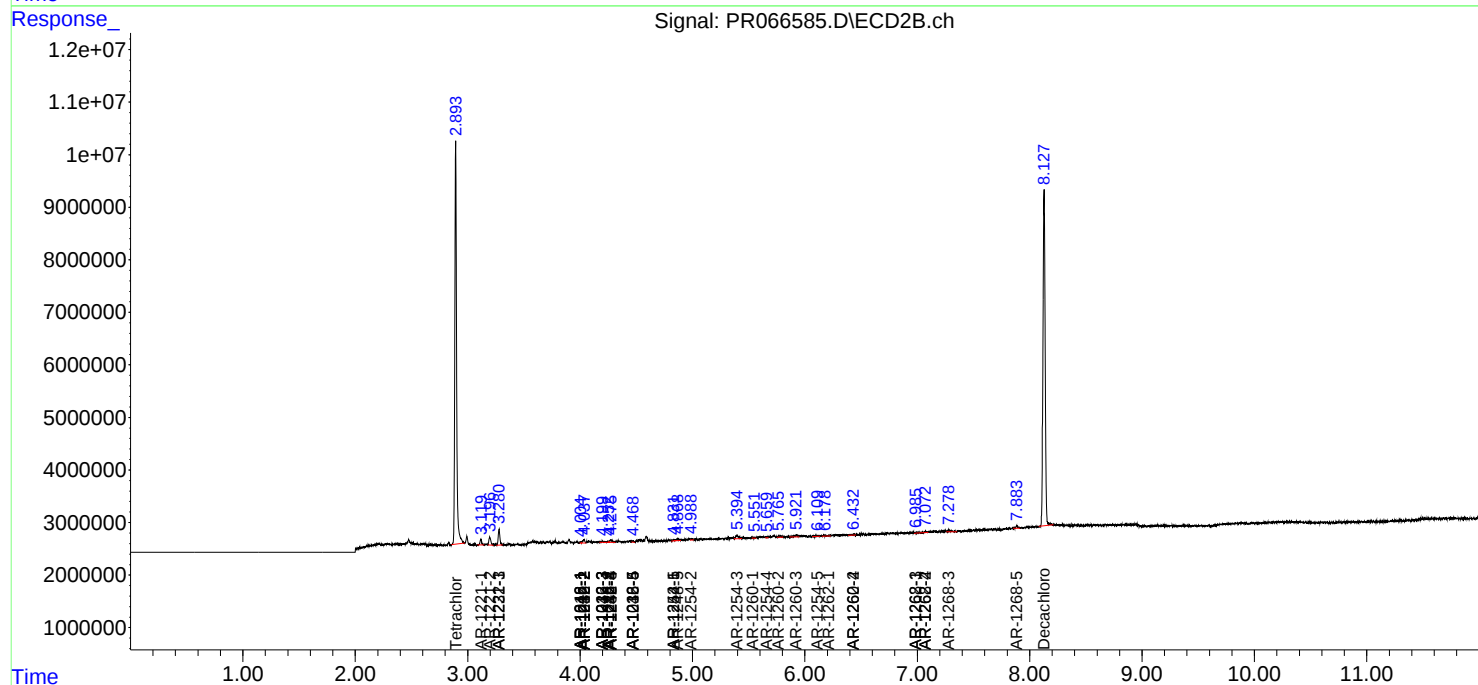
Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

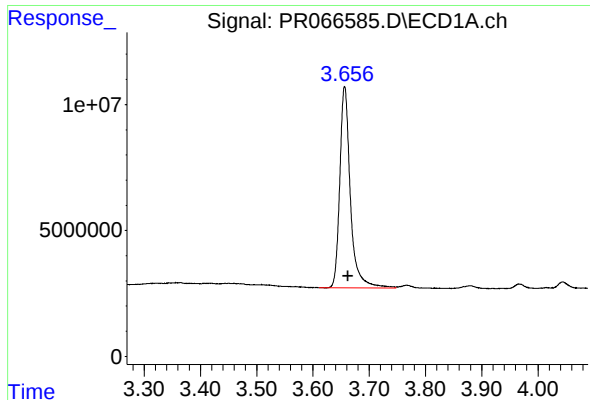
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
45) L9	AR-1268-5	0.000	7.885	0	669786	N.D.	0.413 #

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

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-OT2-2024

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

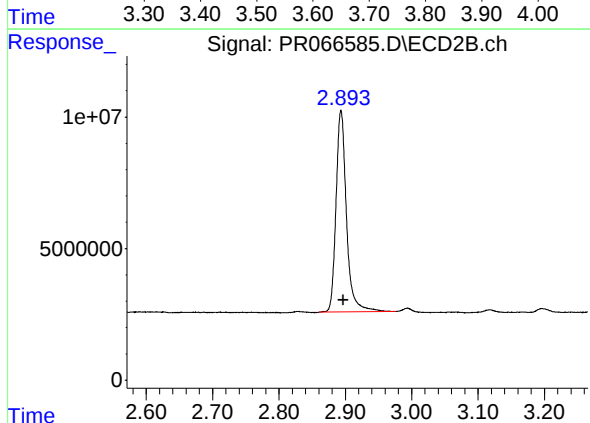




#1 Tetrachloro-m-xylene

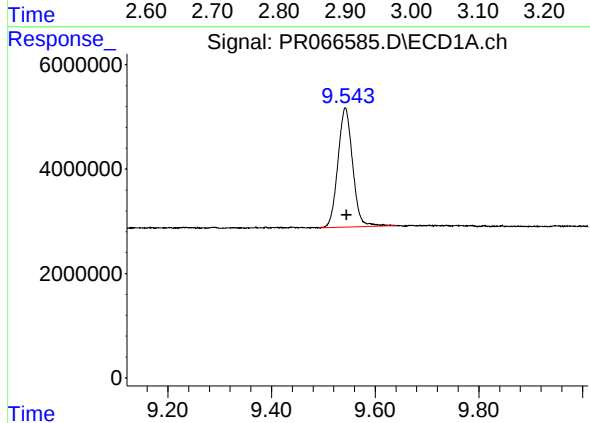
R.T.: 3.656 min
Delta R.T.: -0.006 min
Response: 104852041
Conc: 20.00 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024



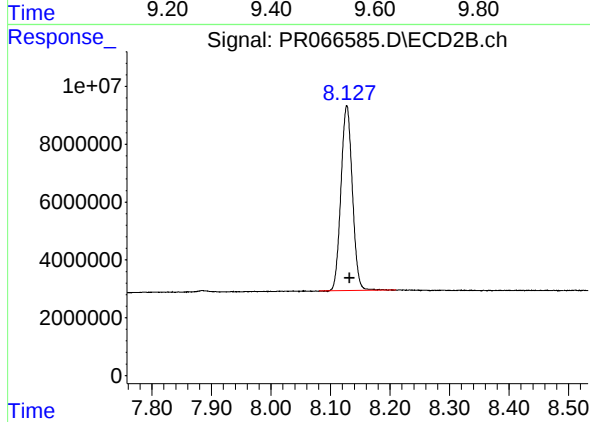
#1 Tetrachloro-m-xylene

R.T.: 2.894 min
Delta R.T.: -0.004 min
Response: 83875138
Conc: 18.77 ng/ml



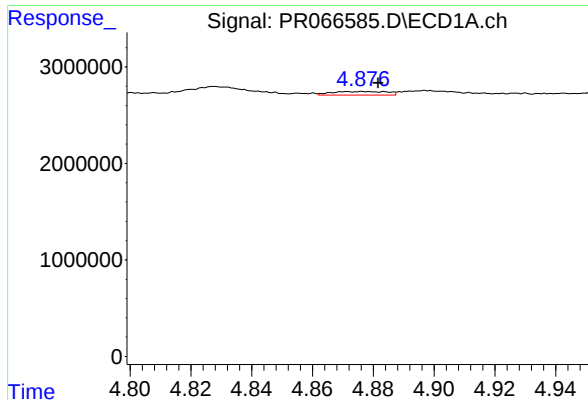
#2 Decachlorobiphenyl

R.T.: 9.542 min
Delta R.T.: -0.003 min
Response: 45006077
Conc: 19.22 ng/ml



#2 Decachlorobiphenyl

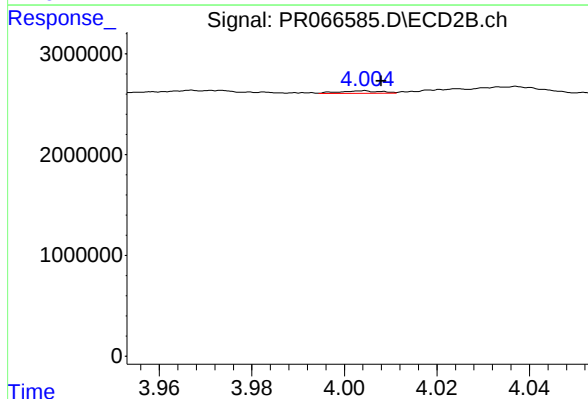
R.T.: 8.127 min
Delta R.T.: -0.004 min
Response: 85370560
Conc: 18.19 ng/ml



#3 AR-1016-1

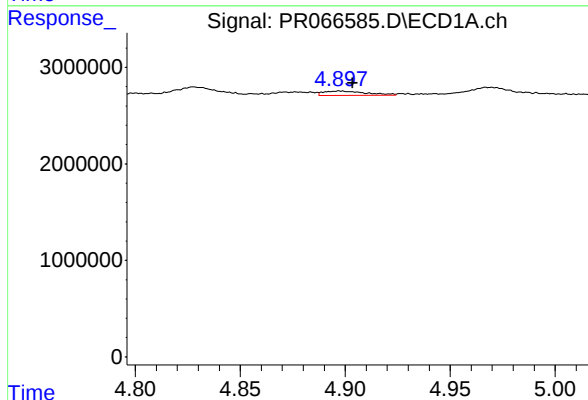
R.T.: 4.877 min
Delta R.T.: -0.004 min
Response: 461122
Conc: 3.23 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024



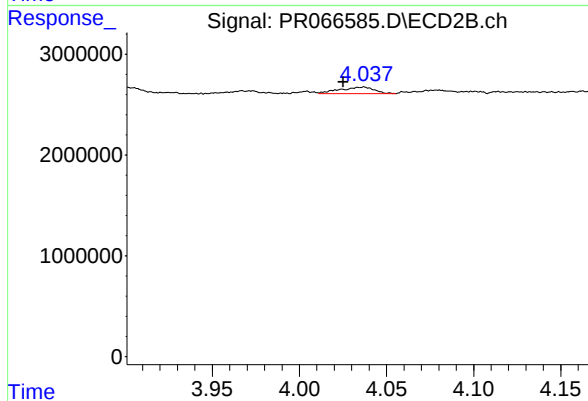
#3 AR-1016-1

R.T.: 4.004 min
Delta R.T.: -0.004 min
Response: 158227
Conc: 1.05 ng/ml



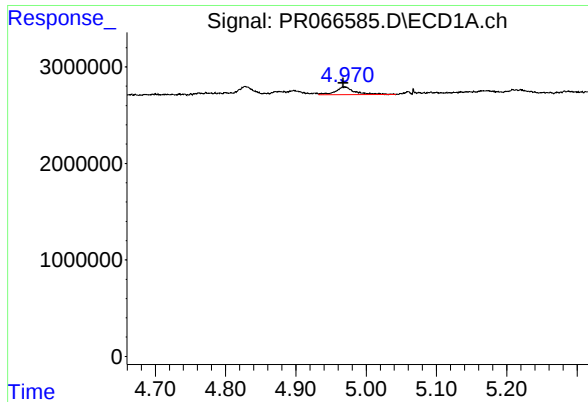
#4 AR-1016-2

R.T.: 4.898 min
Delta R.T.: -0.006 min
Response: 648524
Conc: 2.97 ng/ml



#4 AR-1016-2

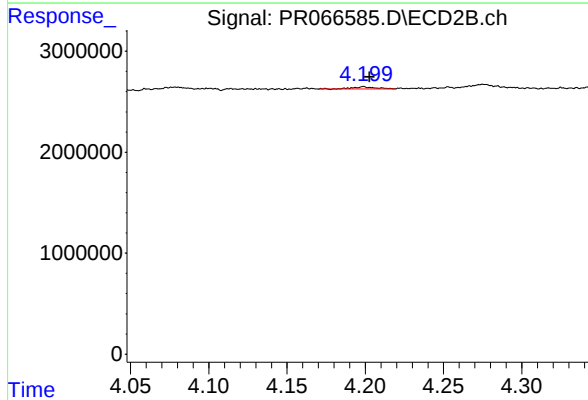
R.T.: 4.037 min
Delta R.T.: 0.012 min
Response: 912637
Conc: 4.25 ng/ml



#5 AR-1016-3

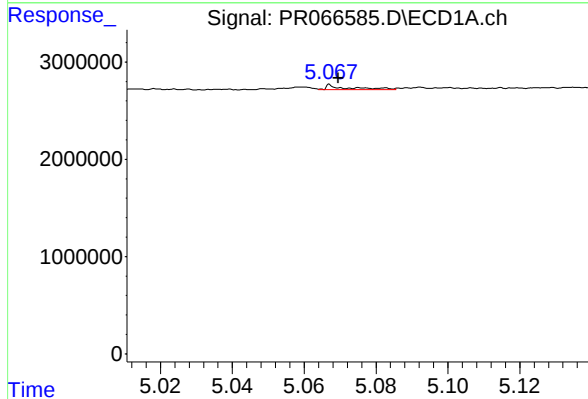
R.T.: 4.969 min
Delta R.T.: 0.001 min
Response: 1574356
Conc: 10.84 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024



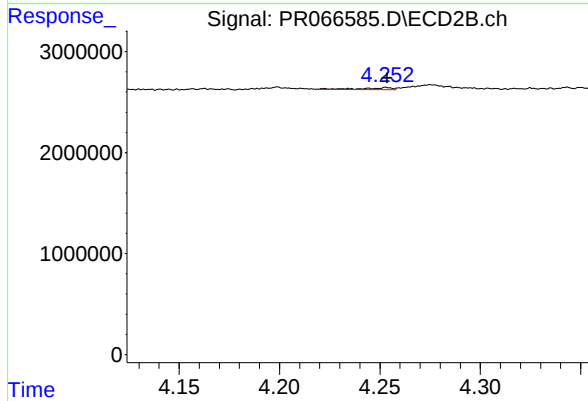
#5 AR-1016-3

R.T.: 4.199 min
Delta R.T.: -0.004 min
Response: 257178
Conc: 2.19 ng/ml



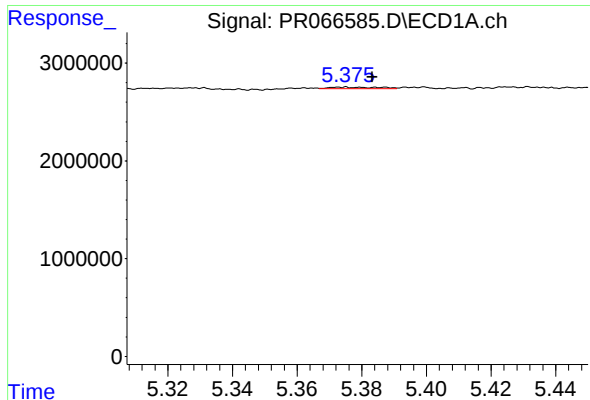
#6 AR-1016-4

R.T.: 5.068 min
Delta R.T.: -0.002 min
Response: 224464
Conc: 1.95 ng/ml



#6 AR-1016-4

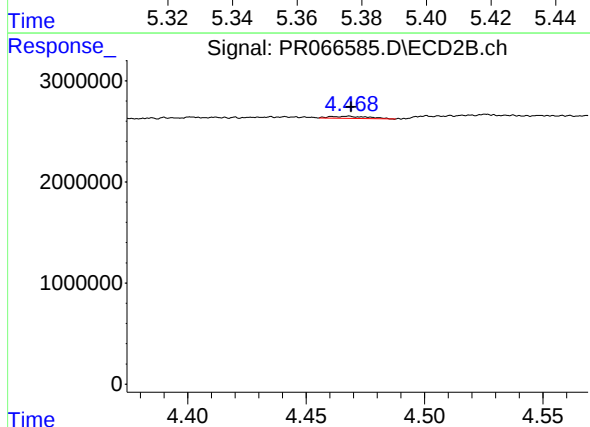
R.T.: 4.253 min
Delta R.T.: 0.000 min
Response: 226847
Conc: 2.35 ng/ml



#7 AR-1016-5

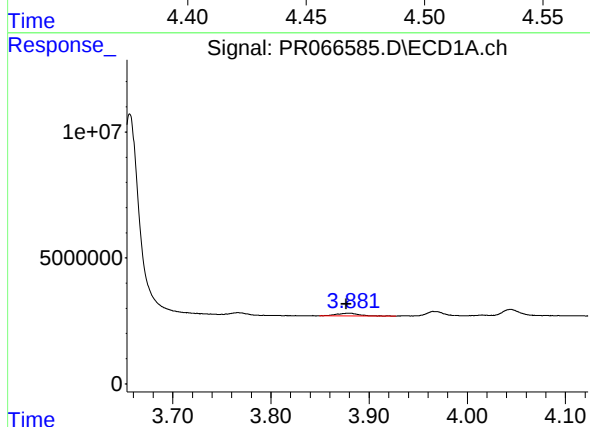
R.T.: 5.378 min
Delta R.T.: -0.005 min
Response: 144957
Conc: 1.27 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024



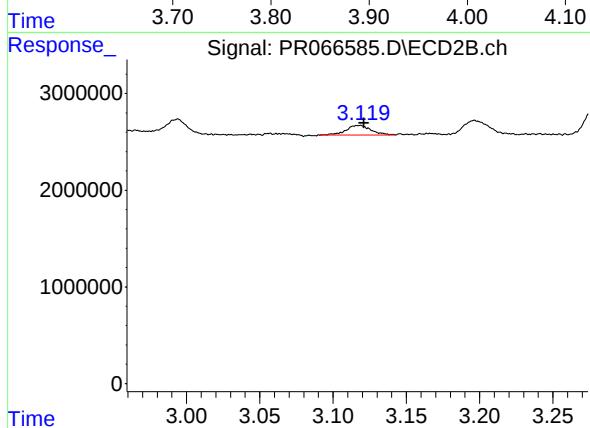
#7 AR-1016-5

R.T.: 4.468 min
Delta R.T.: -0.001 min
Response: 248699
Conc: 2.01 ng/ml



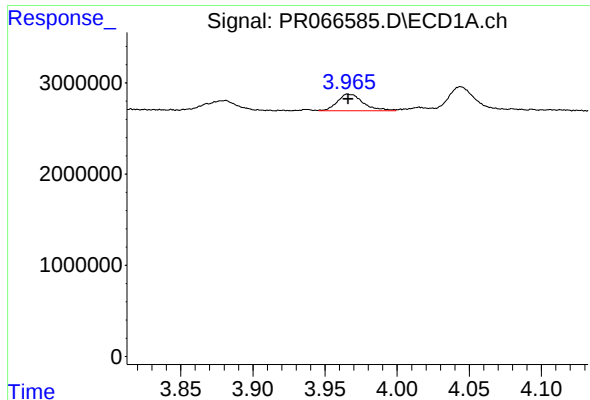
#8 AR-1221-1

R.T.: 3.880 min
Delta R.T.: 0.004 min
Response: 1680955
Conc: 27.84 ng/ml



#8 AR-1221-1

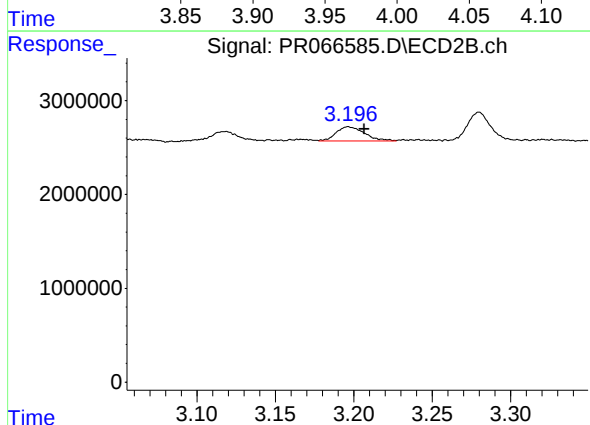
R.T.: 3.118 min
Delta R.T.: -0.003 min
Response: 1161229
Conc: 21.43 ng/ml



#9 AR-1221-2

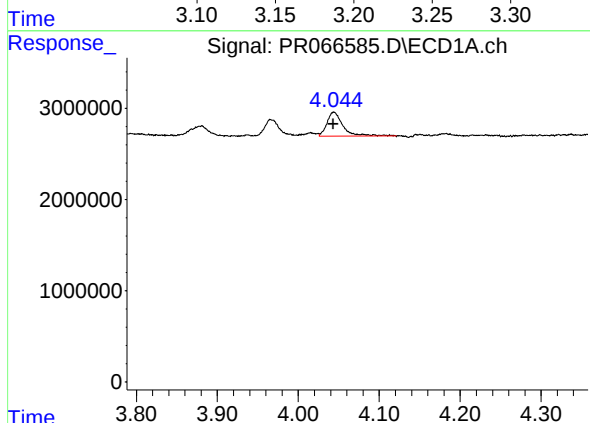
R.T.: 3.966 min
Delta R.T.: 0.000 min
Response: 2249901
Conc: 50.92 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024



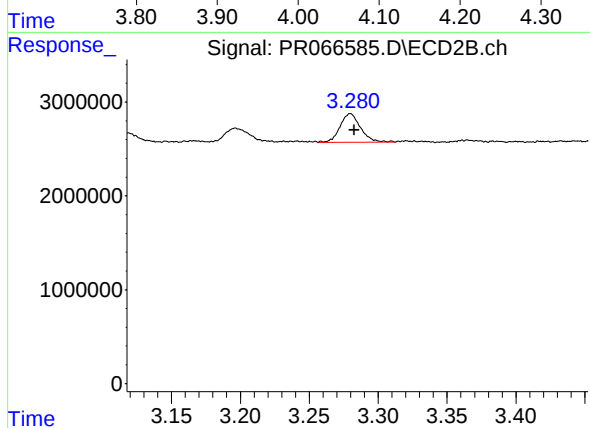
#9 AR-1221-2

R.T.: 3.197 min
Delta R.T.: -0.010 min
Response: 1886561
Conc: 45.44 ng/ml



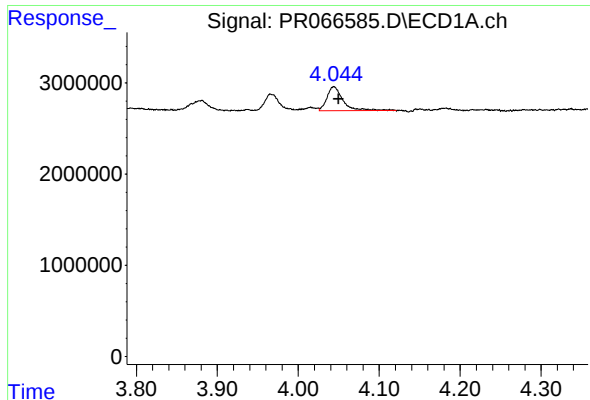
#10 AR-1221-3

R.T.: 4.044 min
Delta R.T.: 0.000 min
Response: 3598355
Conc: 27.70 ng/ml



#10 AR-1221-3

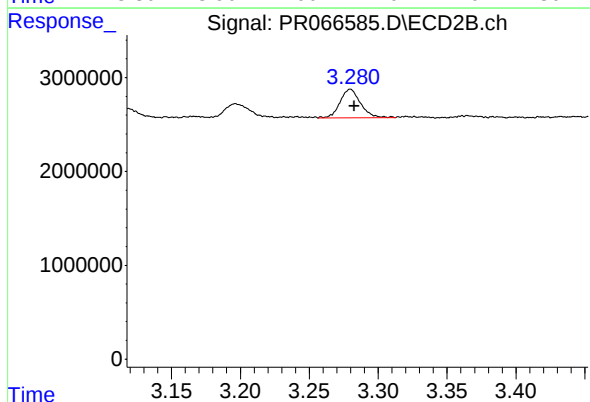
R.T.: 3.280 min
Delta R.T.: -0.003 min
Response: 3135911
Conc: 25.96 ng/ml



#11 AR-1232-1

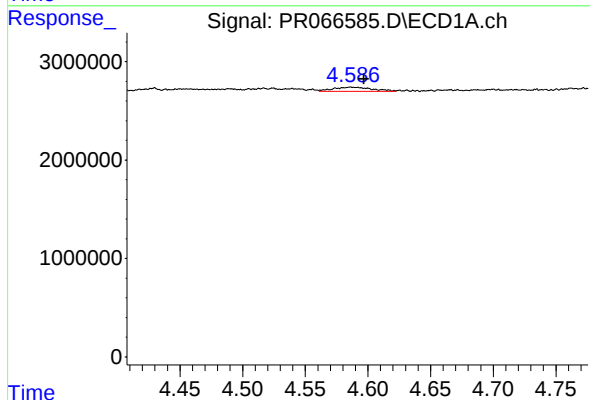
R.T.: 4.044 min
Delta R.T.: -0.006 min
Response: 3598355
Conc: 33.79 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024



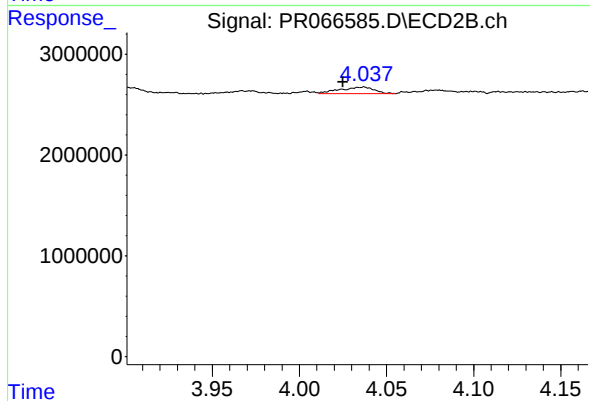
#11 AR-1232-1

R.T.: 3.280 min
Delta R.T.: -0.003 min
Response: 3135911
Conc: 31.24 ng/ml



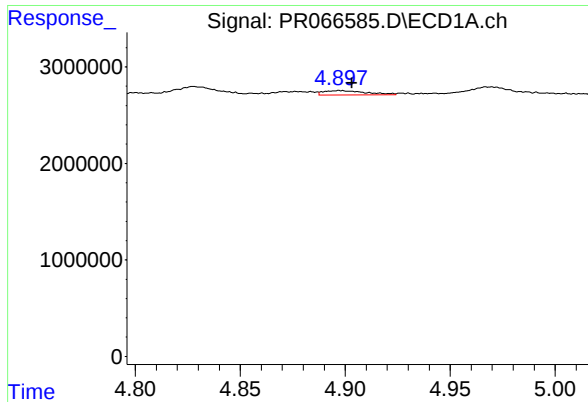
#12 AR-1232-2

R.T.: 4.587 min
Delta R.T.: -0.010 min
Response: 908006
Conc: 14.80 ng/ml



#12 AR-1232-2

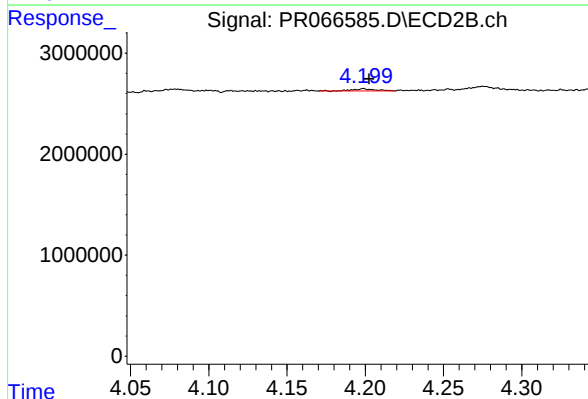
R.T.: 4.037 min
Delta R.T.: 0.012 min
Response: 912637
Conc: 9.17 ng/ml



#13 AR-1232-3

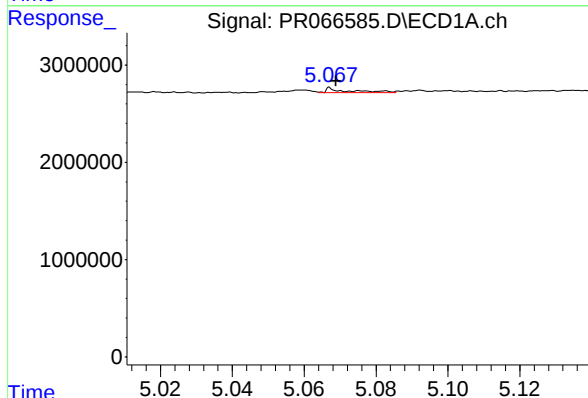
R.T.: 4.898 min
Delta R.T.: -0.006 min
Response: 648524
Conc: 6.35 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024



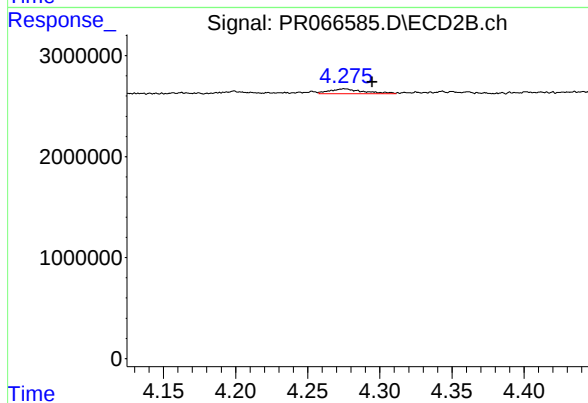
#13 AR-1232-3

R.T.: 4.199 min
Delta R.T.: -0.004 min
Response: 257178
Conc: 4.80 ng/ml



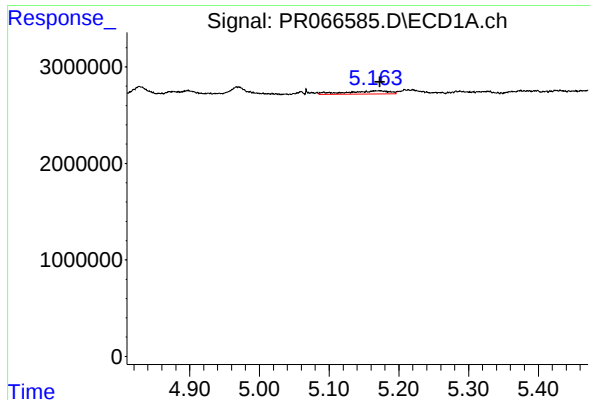
#14 AR-1232-4

R.T.: 5.068 min
Delta R.T.: 0.000 min
Response: 224464
Conc: 4.17 ng/ml



#14 AR-1232-4

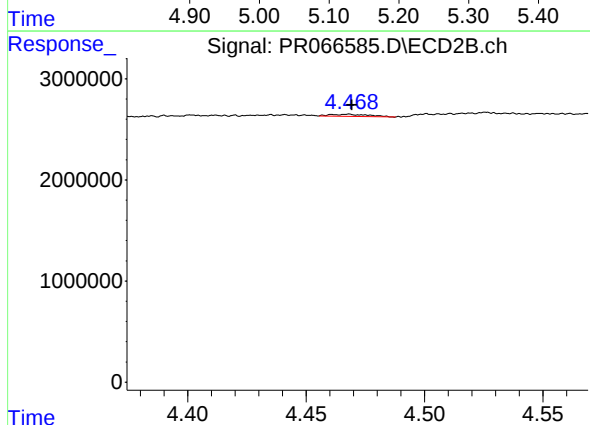
R.T.: 4.276 min
Delta R.T.: -0.019 min
Response: 753376
Conc: 15.53 ng/ml



#15 AR-1232-5

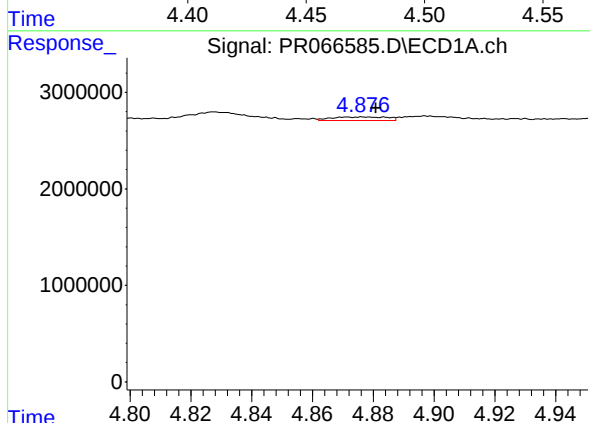
R.T.: 5.173 min
Delta R.T.: 0.000 min
Response: 1378453
Conc: 34.26 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024



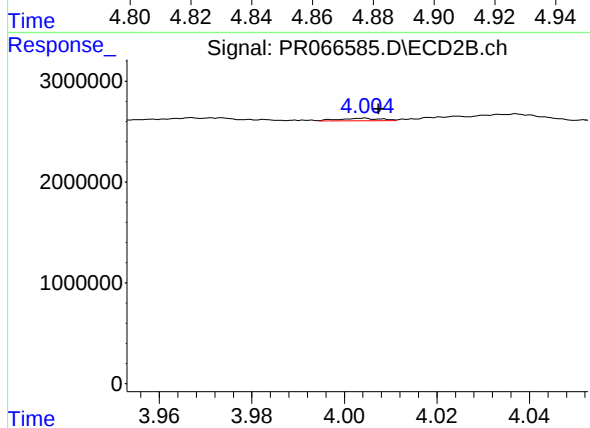
#15 AR-1232-5

R.T.: 4.468 min
Delta R.T.: -0.002 min
Response: 248699
Conc: 4.66 ng/ml



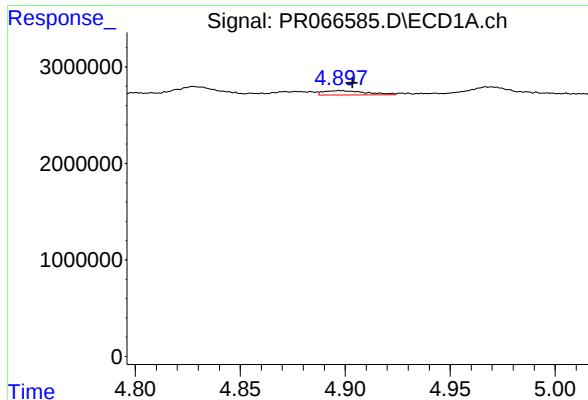
#16 AR-1242-1

R.T.: 4.877 min
Delta R.T.: -0.004 min
Response: 461122
Conc: 3.87 ng/ml



#16 AR-1242-1

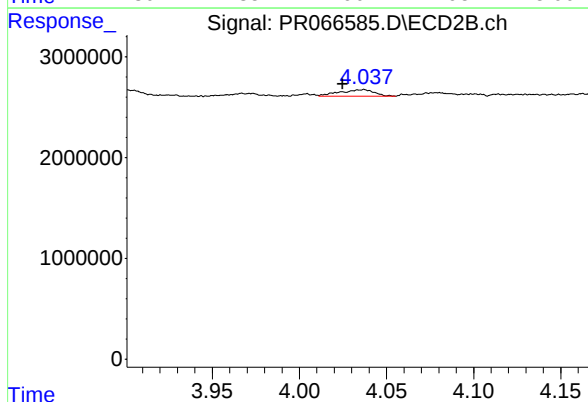
R.T.: 4.004 min
Delta R.T.: -0.003 min
Response: 158227
Conc: 1.26 ng/ml



#17 AR-1242-2

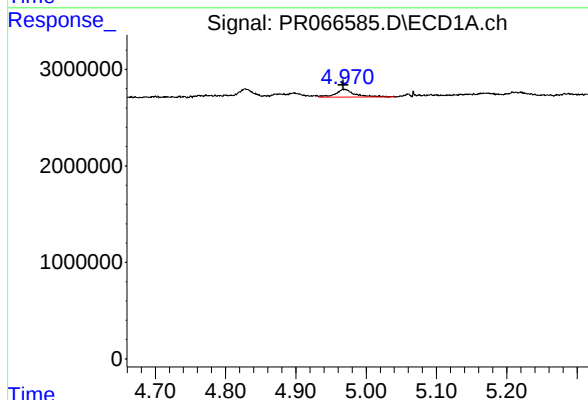
R.T.: 4.898 min
Delta R.T.: -0.006 min
Response: 648524
Conc: 3.61 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024



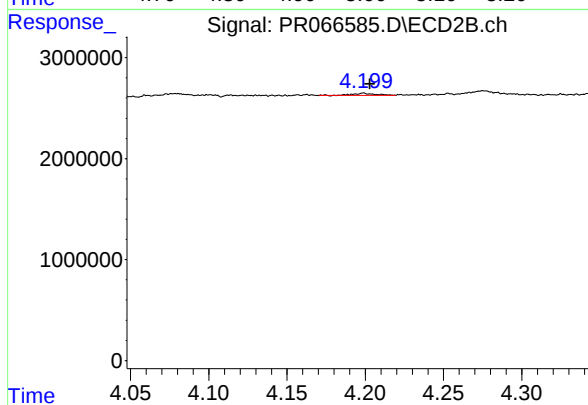
#17 AR-1242-2

R.T.: 4.037 min
Delta R.T.: 0.012 min
Response: 912637
Conc: 5.15 ng/ml



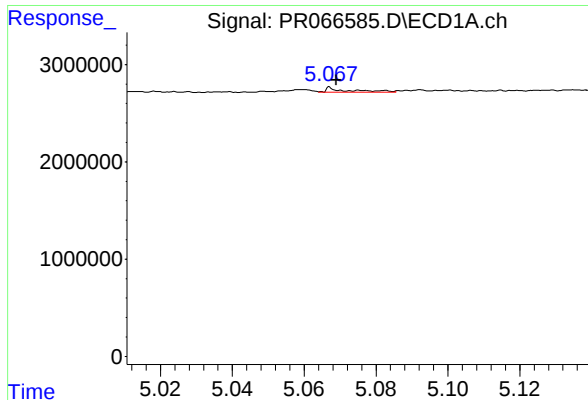
#18 AR-1242-3

R.T.: 4.969 min
Delta R.T.: 0.001 min
Response: 1574356
Conc: 13.22 ng/ml



#18 AR-1242-3

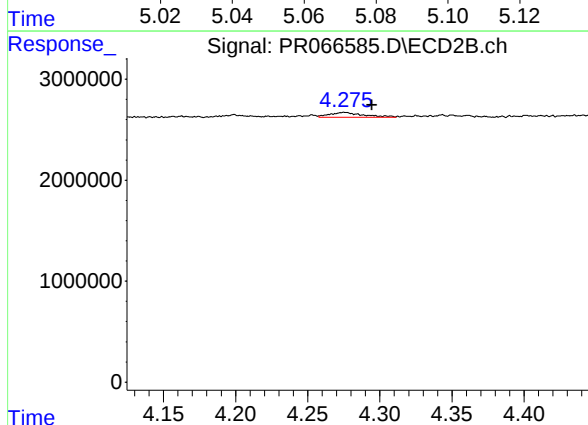
R.T.: 4.199 min
Delta R.T.: -0.004 min
Response: 257178
Conc: 2.68 ng/ml



#19 AR-1242-4

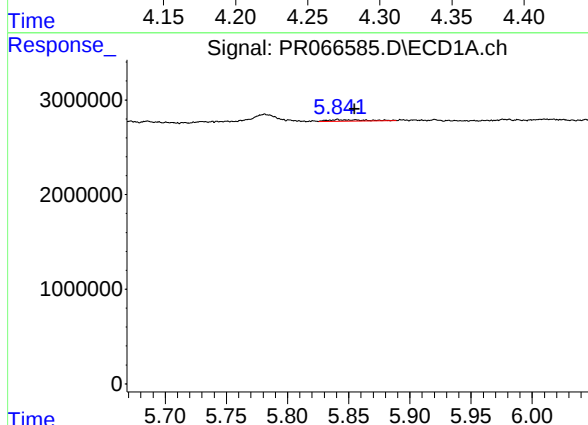
R.T.: 5.068 min
Delta R.T.: -0.001 min
Response: 224464
Conc: 2.37 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024



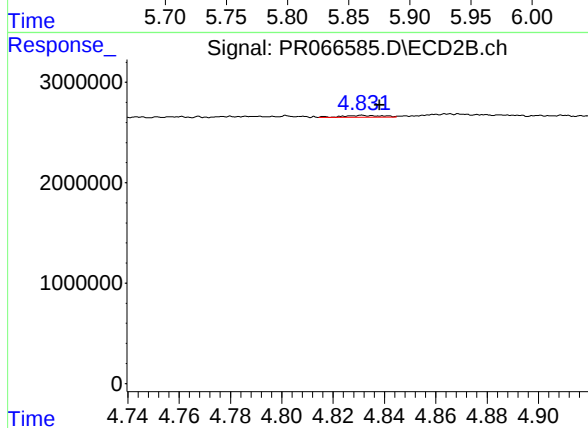
#19 AR-1242-4

R.T.: 4.276 min
Delta R.T.: -0.019 min
Response: 753376
Conc: 7.89 ng/ml



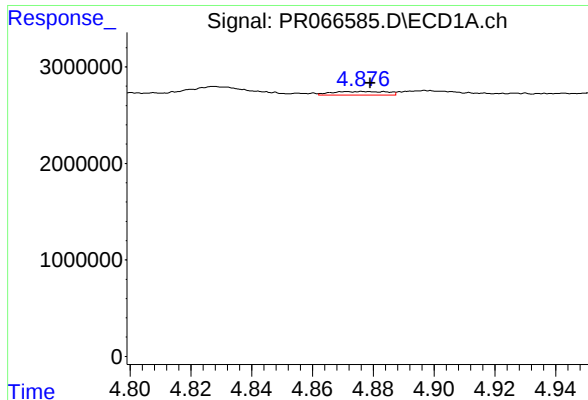
#20 AR-1242-5

R.T.: 5.841 min
Delta R.T.: -0.014 min
Response: 345402
Conc: 3.84 ng/ml



#20 AR-1242-5

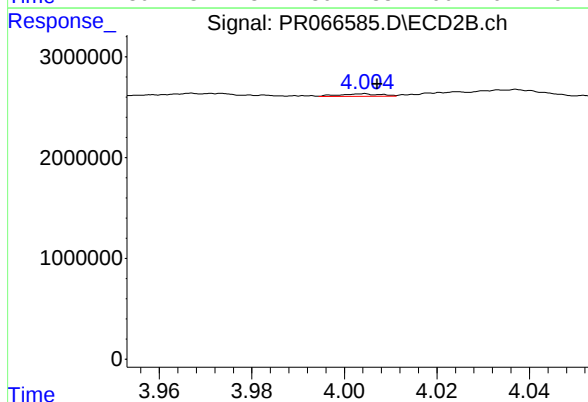
R.T.: 4.831 min
Delta R.T.: -0.007 min
Response: 192014
Conc: 1.56 ng/ml



#21 AR-1248-1

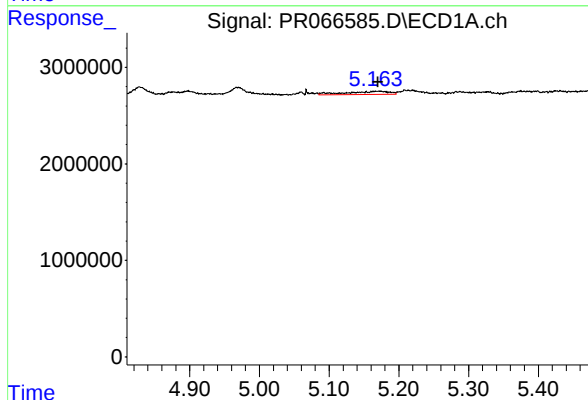
R.T.: 4.877 min
Delta R.T.: -0.002 min
Response: 461122
Conc: 5.33 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024



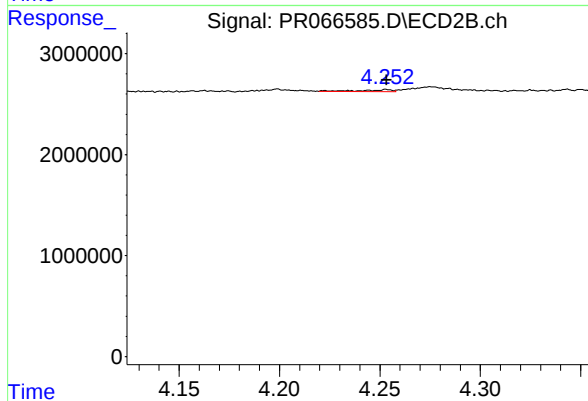
#21 AR-1248-1

R.T.: 4.004 min
Delta R.T.: -0.003 min
Response: 158227
Conc: 1.70 ng/ml



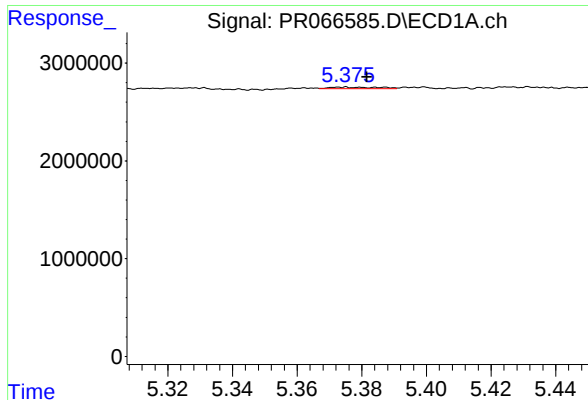
#22 AR-1248-2

R.T.: 5.173 min
Delta R.T.: 0.003 min
Response: 1378453
Conc: 10.36 ng/ml



#22 AR-1248-2

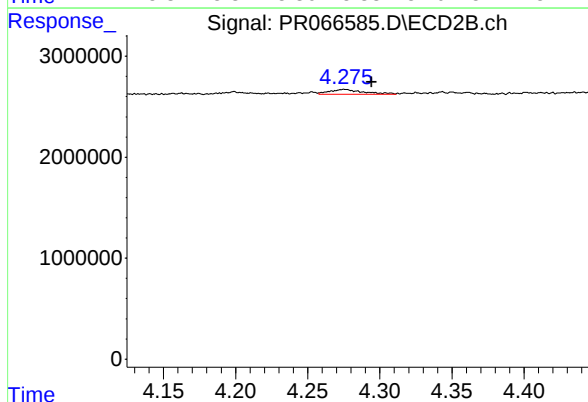
R.T.: 4.253 min
Delta R.T.: 0.000 min
Response: 226847
Conc: 1.68 ng/ml



#23 AR-1248-3

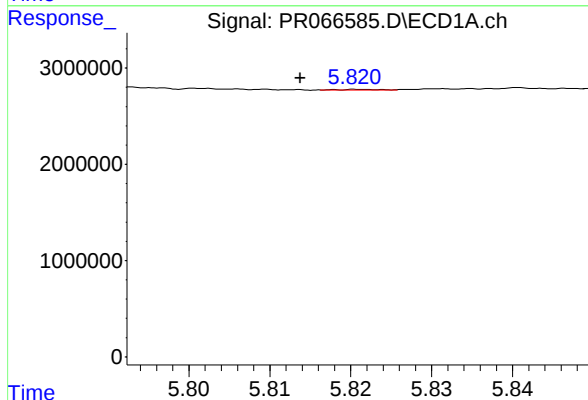
R.T.: 5.378 min
Delta R.T.: -0.003 min
Response: 144957
Conc: 0.97 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024



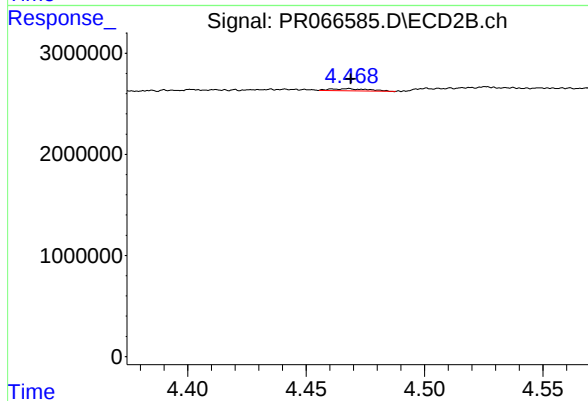
#23 AR-1248-3

R.T.: 4.276 min
Delta R.T.: -0.019 min
Response: 753376
Conc: 5.47 ng/ml



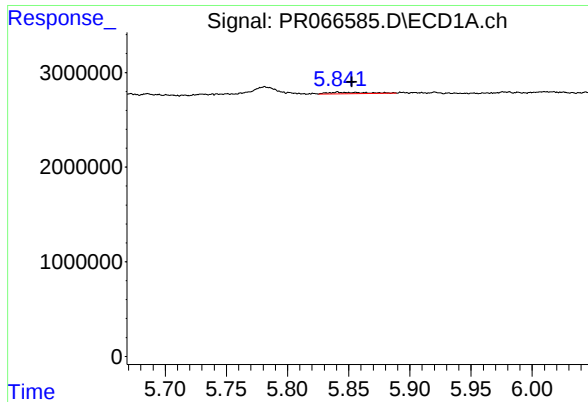
#24 AR-1248-4

R.T.: 5.821 min
Delta R.T.: 0.007 min
Response: 27326
Conc: 0.19 ng/ml



#24 AR-1248-4

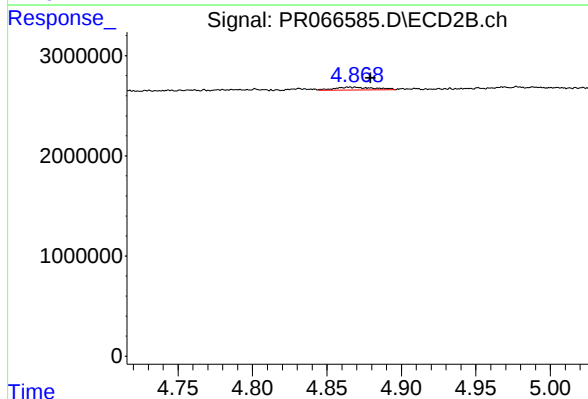
R.T.: 4.468 min
Delta R.T.: -0.001 min
Response: 248699
Conc: 1.50 ng/ml



#25 AR-1248-5

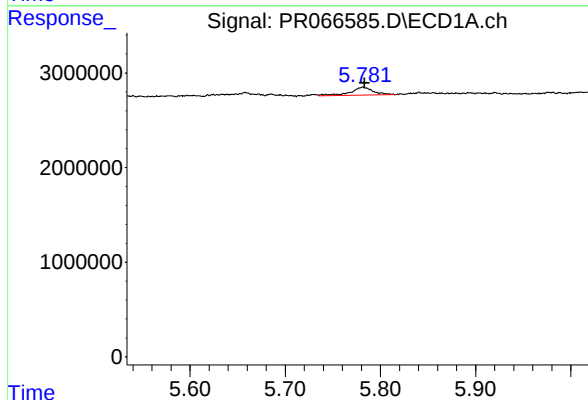
R.T.: 5.841 min
Delta R.T.: -0.012 min
Response: 345402
Conc: 2.41 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024



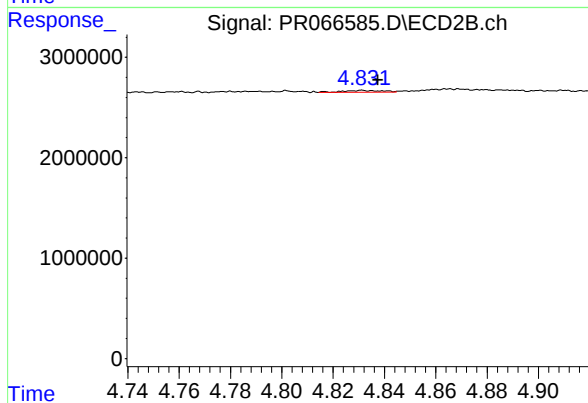
#25 AR-1248-5

R.T.: 4.869 min
Delta R.T.: -0.011 min
Response: 556815
Conc: 3.45 ng/ml



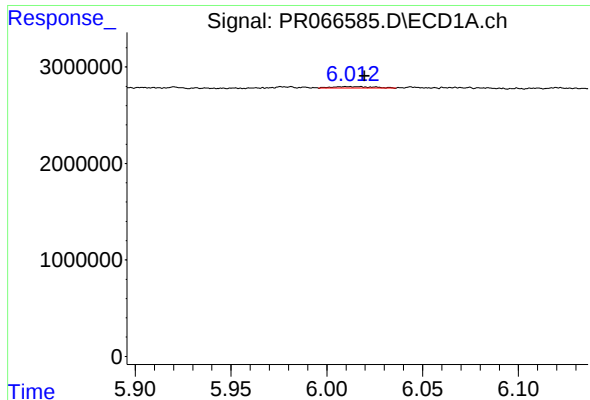
#26 AR-1254-1

R.T.: 5.781 min
Delta R.T.: -0.002 min
Response: 1406044
Conc: 8.46 ng/ml



#26 AR-1254-1

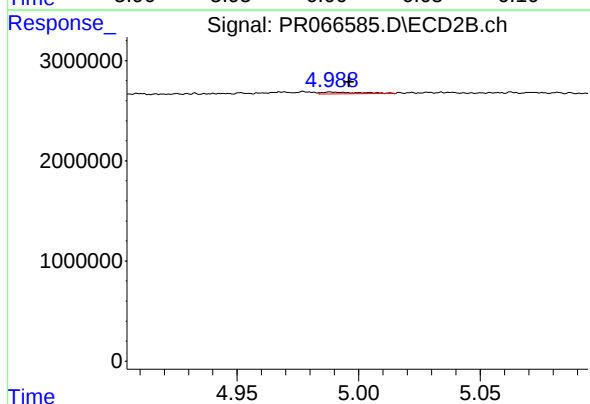
R.T.: 4.831 min
Delta R.T.: -0.006 min
Response: 192014
Conc: 0.78 ng/ml



#27 AR-1254-2

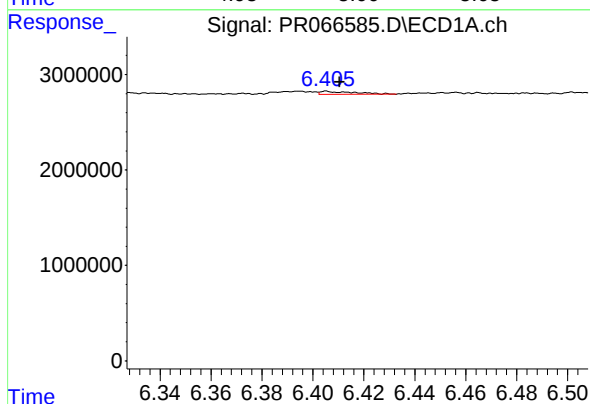
R.T.: 6.017 min
Delta R.T.: -0.003 min
Response: 229897
Conc: 0.94 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024



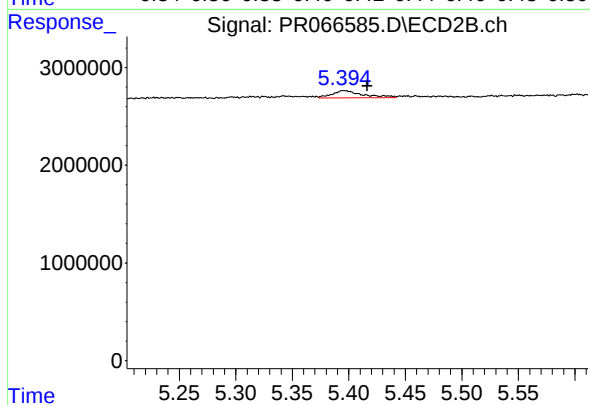
#27 AR-1254-2

R.T.: 4.989 min
Delta R.T.: -0.007 min
Response: 197219
Conc: 0.90 ng/ml



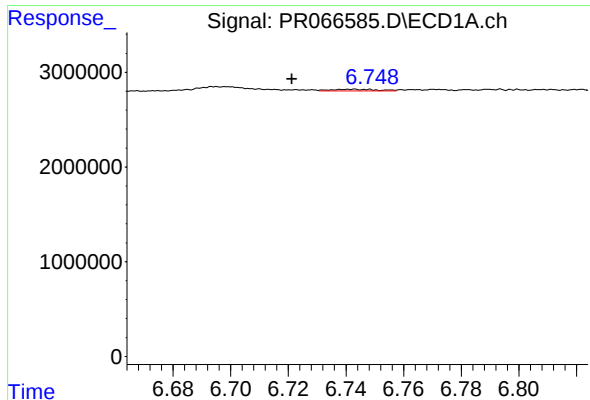
#28 AR-1254-3

R.T.: 6.405 min
Delta R.T.: -0.005 min
Response: 287967
Conc: 1.16 ng/ml



#28 AR-1254-3

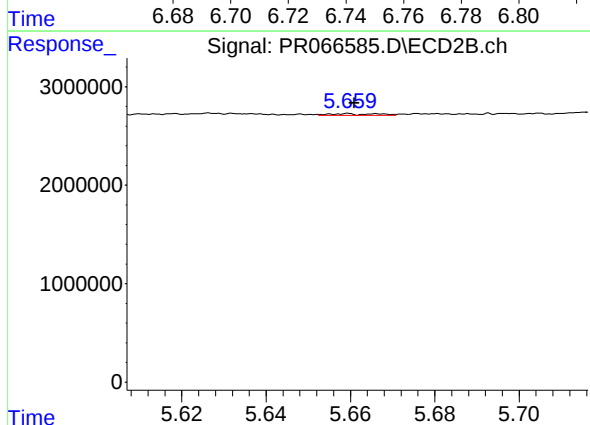
R.T.: 5.396 min
Delta R.T.: -0.021 min
Response: 1362728
Conc: 3.96 ng/ml



#29 AR-1254-4

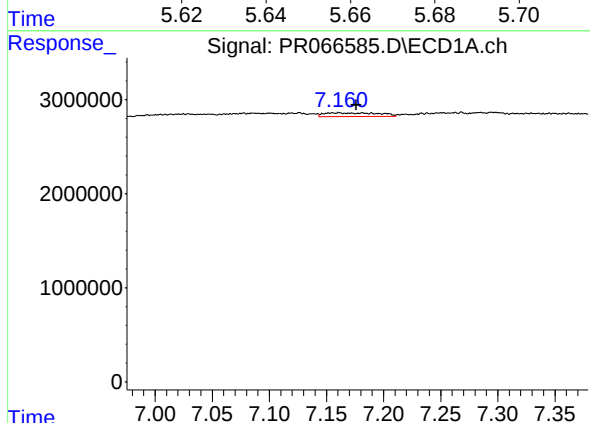
R.T.: 6.742 min
Delta R.T.: 0.021 min
Response: 179868
Conc: 1.13 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024



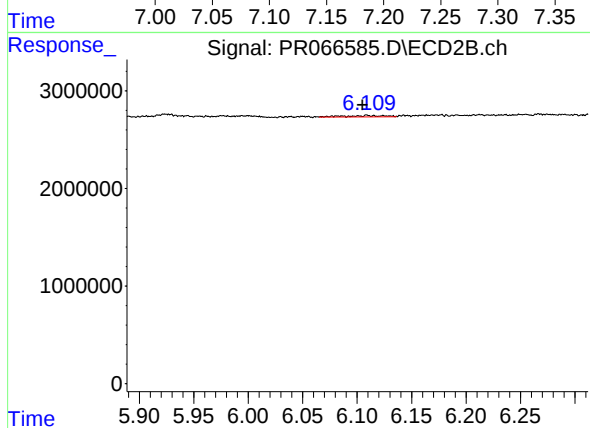
#29 AR-1254-4

R.T.: 5.659 min
Delta R.T.: -0.002 min
Response: 128163
Conc: 0.60 ng/ml



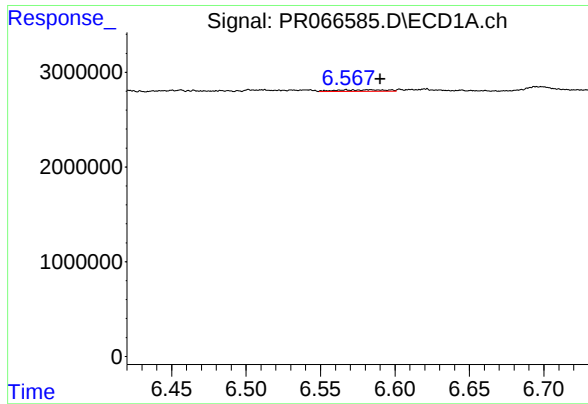
#30 AR-1254-5

R.T.: 7.160 min
Delta R.T.: -0.015 min
Response: 1238742
Conc: 6.95 ng/ml



#30 AR-1254-5

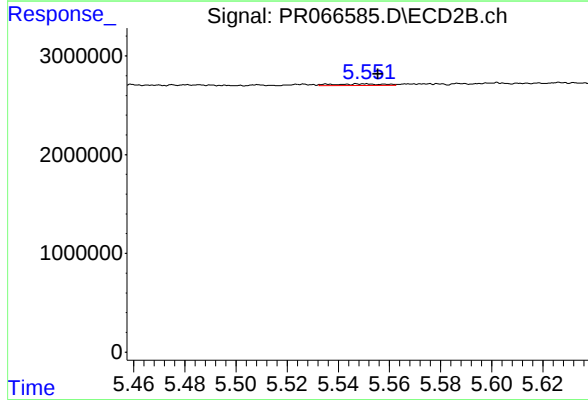
R.T.: 6.109 min
Delta R.T.: 0.004 min
Response: 378222
Conc: 1.18 ng/ml



#31 AR-1260-1

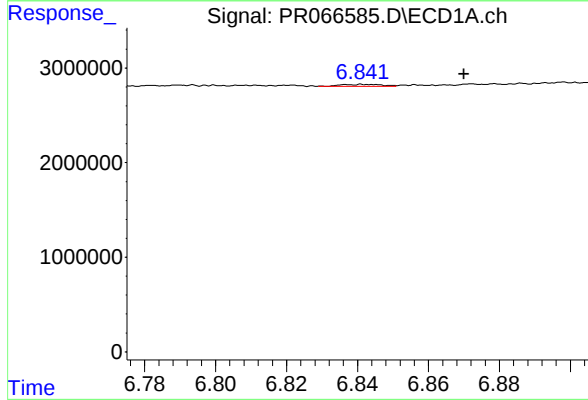
R.T.: 6.584 min
Delta R.T.: -0.006 min
Response: 372393
Conc: 1.79 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024



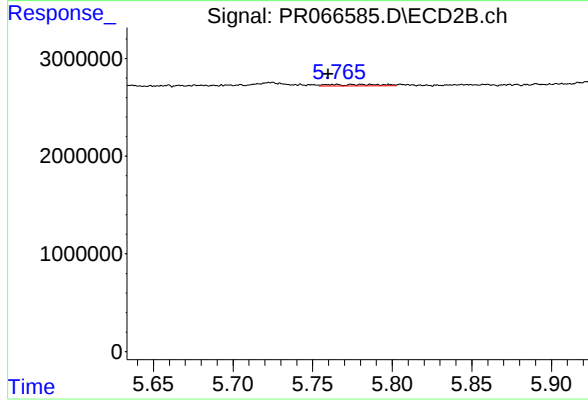
#31 AR-1260-1

R.T.: 5.536 min
Delta R.T.: -0.020 min
Response: 211487
Conc: 0.83 ng/ml



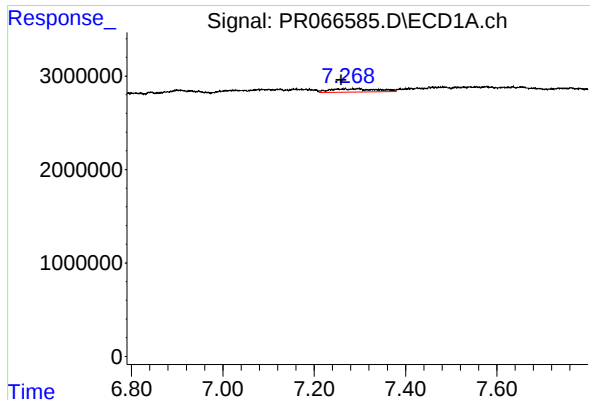
#32 AR-1260-2

R.T.: 6.841 min
Delta R.T.: -0.029 min
Response: 158113
Conc: 0.71 ng/ml



#32 AR-1260-2

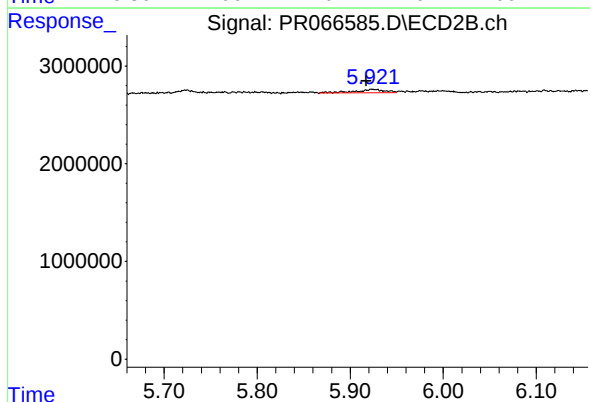
R.T.: 5.765 min
Delta R.T.: 0.005 min
Response: 359348
Conc: 1.18 ng/ml



#33 AR-1260-3

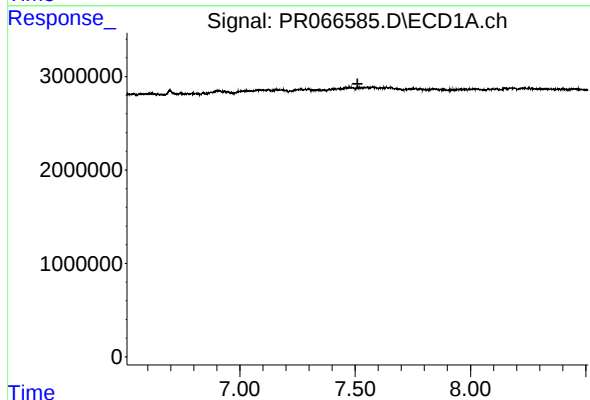
R.T.: 7.267 min
Delta R.T.: 0.007 min
Response: 2505409
Conc: 14.94 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024



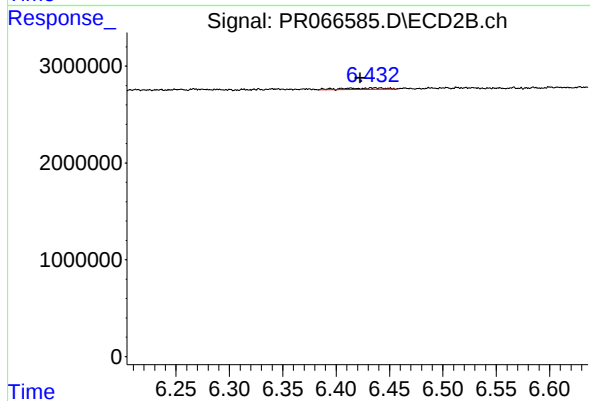
#33 AR-1260-3

R.T.: 5.924 min
Delta R.T.: 0.006 min
Response: 796424
Conc: 2.74 ng/ml



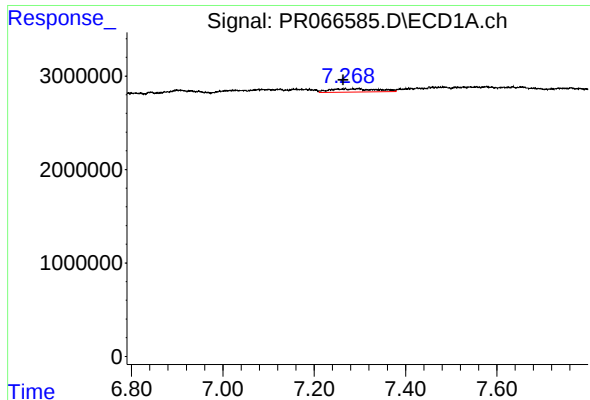
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T.: 7.510 min
Response: 0
Conc: N.D.



#34 AR-1260-4

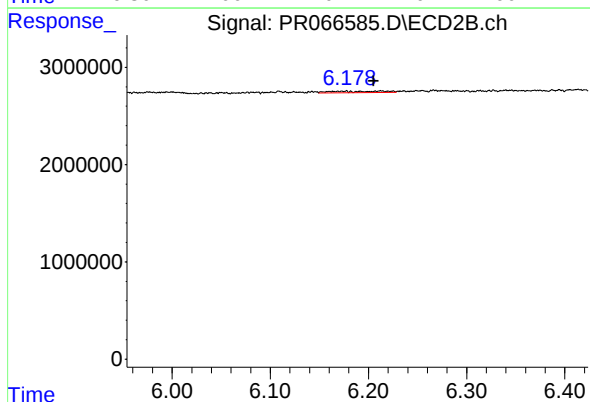
R.T.: 6.437 min
Delta R.T.: 0.014 min
Response: 452766
Conc: 1.81 ng/ml



#36 AR-1262-1

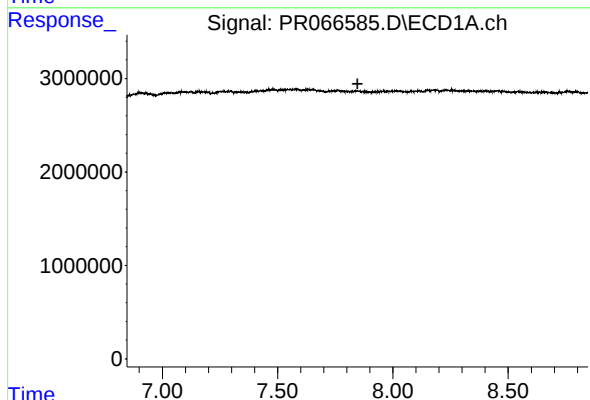
R.T.: 7.267 min
Delta R.T.: 0.003 min
Response: 2505409
Conc: 10.98 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024



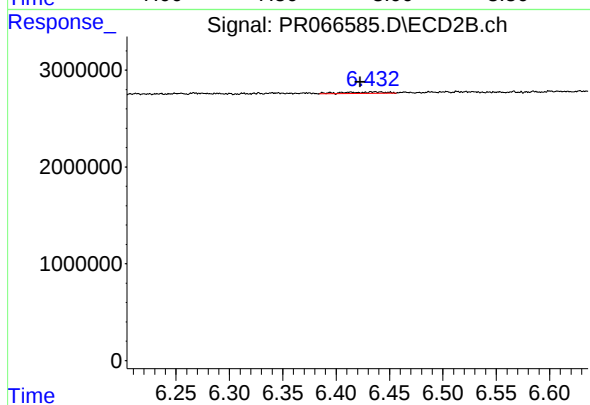
#36 AR-1262-1

R.T.: 6.213 min
Delta R.T.: 0.007 min
Response: 538135
Conc: 3.72 ng/ml



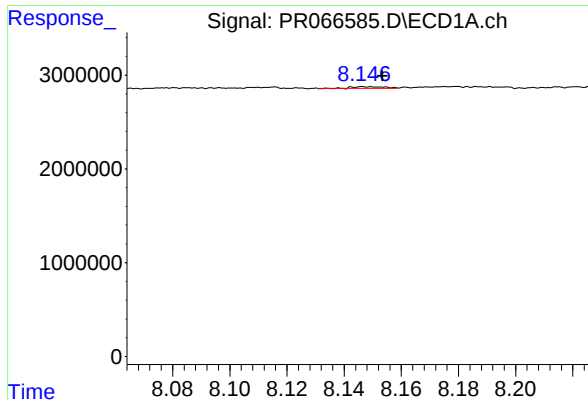
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T.: 7.846 min
Response: 0
Conc: N.D.



#37 AR-1262-2

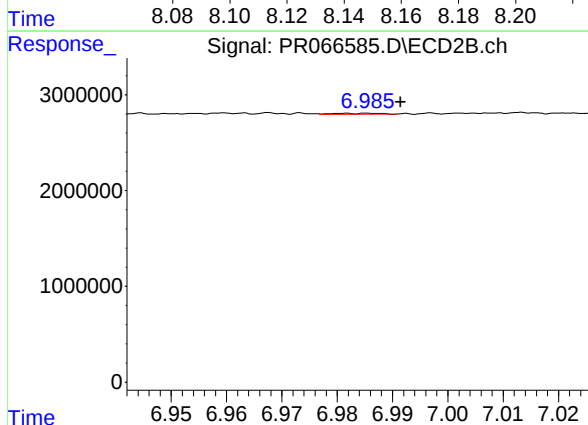
R.T.: 6.437 min
Delta R.T.: 0.014 min
Response: 452766
Conc: 1.47 ng/ml



#38 AR-1262-3

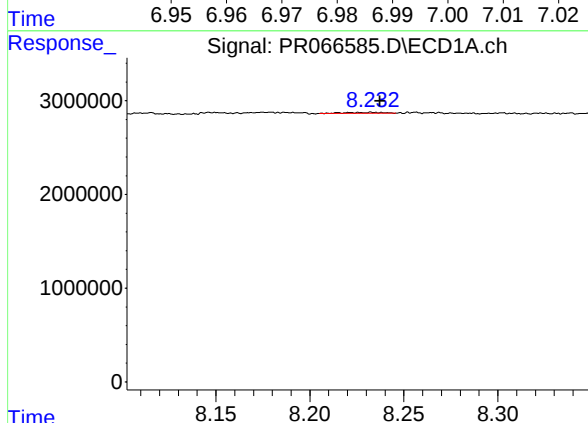
R.T.: 8.149 min
Delta R.T.: -0.005 min
Response: 133831
Conc: 0.63 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024



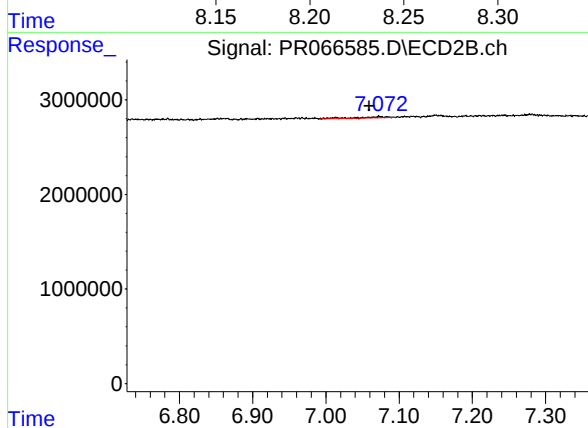
#38 AR-1262-3

R.T.: 6.984 min
Delta R.T.: -0.007 min
Response: 60116
Conc: 0.25 ng/ml



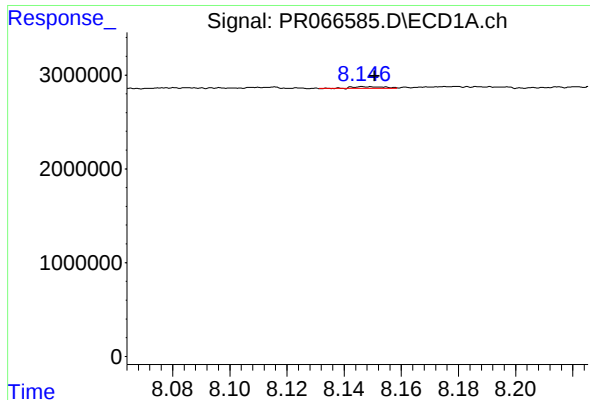
#39 AR-1262-4

R.T.: 8.233 min
Delta R.T.: -0.004 min
Response: 134932
Conc: 1.24 ng/ml



#39 AR-1262-4

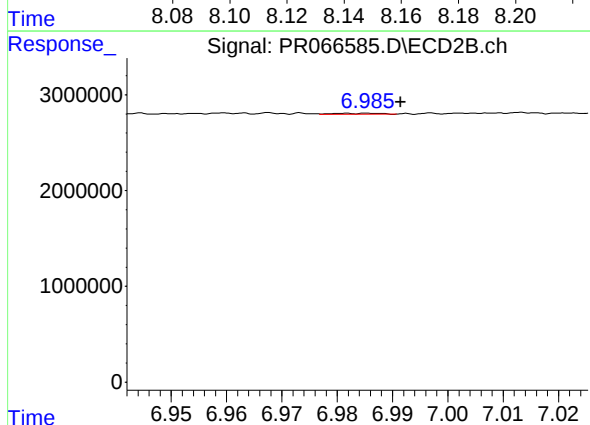
R.T.: 7.073 min
Delta R.T.: 0.014 min
Response: 373711
Conc: 0.85 ng/ml



#41 AR-1268-1

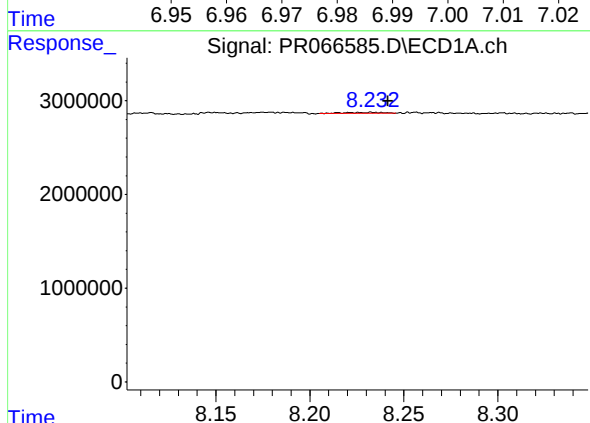
R.T.: 8.149 min
Delta R.T.: -0.002 min
Response: 133831
Conc: 0.34 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024



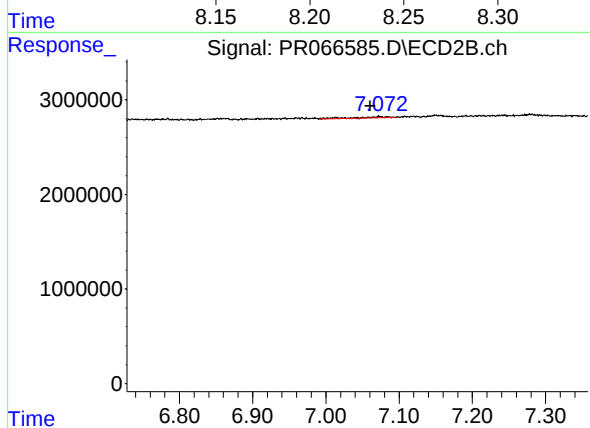
#41 AR-1268-1

R.T.: 6.984 min
Delta R.T.: -0.007 min
Response: 60116
Conc: 0.08 ng/ml



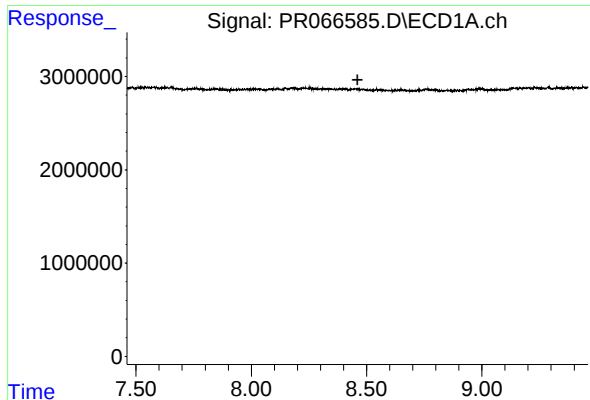
#42 AR-1268-2

R.T.: 8.233 min
Delta R.T.: -0.008 min
Response: 134932
Conc: 0.39 ng/ml



#42 AR-1268-2

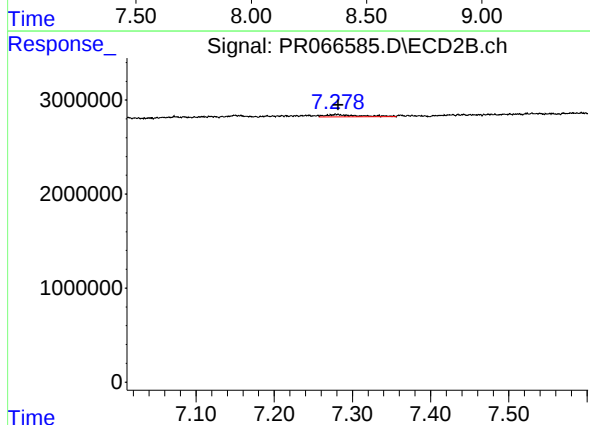
R.T.: 7.073 min
Delta R.T.: 0.012 min
Response: 373711
Conc: 0.58 ng/ml



#43 AR-1268-3

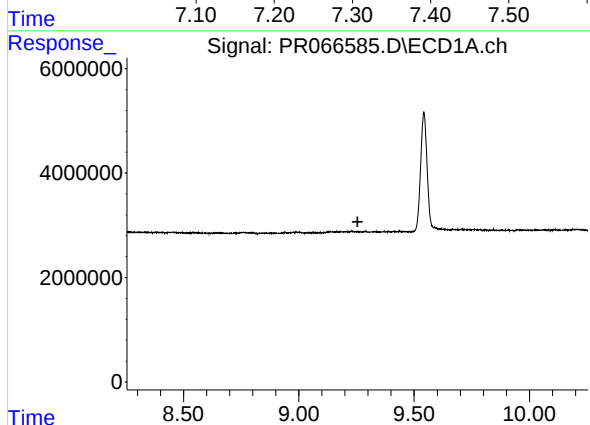
R.T.: 0.000 min
Exp R.T.: 8.460 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024



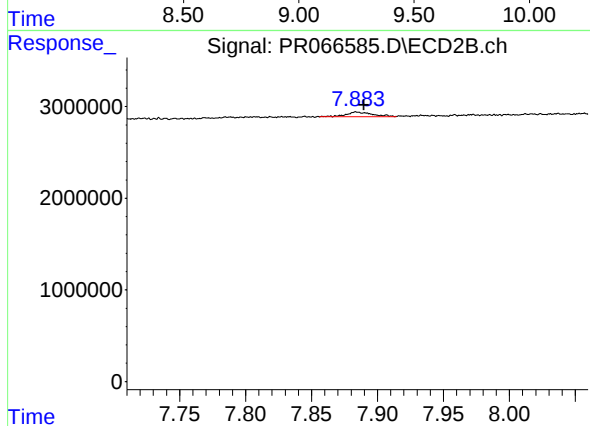
#43 AR-1268-3

R.T.: 7.280 min
Delta R.T.: -0.002 min
Response: 705379
Conc: 1.24 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 9.254 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 7.885 min
Delta R.T.: -0.005 min
Response: 669786
Conc: 0.41 ng/ml