

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072921\
 Data File : PQ054175.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Jul 2021 04:28
 Operator : AJ\MA
 Sample : M2940-01
 Misc : AR1221 LOD 40 PPB
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 30 06:44:00 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072921.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Jul 30 02:37:02 2021
 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...	5.203	4.208	422.5E6	235.7E6	18.094	16.673
2)	SA Decachlor...	11.377	9.544	355.6E6	279.5E6	21.132	22.159
Target Compounds							
3)	L1 AR-1016-1	6.528	5.493f	2048462	3623995	2.795	8.005 #
4)	L1 AR-1016-2	6.560	5.493	2076550	3623995	1.849	4.889 #
5)	L1 AR-1016-3	0.000	5.686	0	1059018	N.D.	2.938 #
6)	L1 AR-1016-4	0.000	5.754f	0	1740310	N.D.	6.097 #
7)	L1 AR-1016-5	0.000	5.983f	0	450627	N.D.	1.237 #
8)	L2 AR-1221-1	5.455	4.467	10996188	5036597	45.449	35.349
9)	L2 AR-1221-2	5.558	4.567	13398962	6176498	73.968	58.550
10)	L2 AR-1221-3	5.643	4.657	24248317	14129144	42.378	40.264
11)	L3 AR-1232-1	5.643	4.657	24248317	14129144	62.070	60.533
12)	L3 AR-1232-2	6.232	5.493	3969455	3623995	17.087	12.513 #
13)	L3 AR-1232-3	6.560	5.686	2076550	1059018	4.839	7.982 #
14)	L3 AR-1232-4	0.000	5.754f	0	1740310	N.D.	15.251 #
15)	L3 AR-1232-5	0.000	5.983f	0	450627	N.D.	3.506 #
16)	L4 AR-1242-1	6.528	5.493f	2048462	3623995	4.461	13.329 #
17)	L4 AR-1242-2	6.560	5.493	2076550	3623995	2.946	7.700 #
18)	L4 AR-1242-3	0.000	5.686	0	1059018	N.D.	4.800 #
19)	L4 AR-1242-4	0.000	5.754f	0	1740310	N.D.	8.044 #
20)	L4 AR-1242-5	0.000	6.343	0	6244367	N.D.	21.049 #
21)	L5 AR-1248-1	6.528	5.493f	2048462	3623995	5.522	16.063 #
22)	L5 AR-1248-2	0.000	5.754f	0	1740310	N.D.	5.303 #
23)	L5 AR-1248-3	0.000	5.754f	0	1740310	N.D.	5.263 #
24)	L5 AR-1248-4	7.444f	5.983f	929527	450627	1.399	1.135
25)	L5 AR-1248-5	0.000	6.389	0	713813	N.D.	1.791 #
26)	L6 AR-1254-1	7.444	6.343	929527	6244367	1.315	9.338 #
27)	L6 AR-1254-2	0.000	6.504	0	2029061	N.D.	3.300 #
28)	L6 AR-1254-3	0.000	6.933	0	3275980	N.D.	3.393 #
30)	L6 AR-1254-5	0.000	7.590	0	1714010	N.D.	1.757 #
31)	L7 AR-1260-1	0.000	7.061	0	4321413	N.D.	5.765 #
32)	L7 AR-1260-2	8.487	7.233f	2148795	11012640	1.893	10.543 #
33)	L7 AR-1260-3	0.000	7.409	0	4035987	N.D.	4.638 #
34)	L7 AR-1260-4	0.000	7.893	0	662121	N.D.	1.063 #
35)	L7 AR-1260-5	0.000	8.140	0	1278868	N.D.	0.746 #
36)	L8 AR-1262-1	0.000	7.590	0	1714010	N.D.	3.793 #
37)	L8 AR-1262-2	0.000	8.140	0	1278868	N.D.	0.679 #
39)	L8 AR-1262-4	0.000	8.492	0	840142	N.D.	0.672 #
42)	L9 AR-1268-2	0.000	8.492	0	840142	N.D.	0.450 #
43)	L9 AR-1268-3	0.000	8.702	0	1338500	N.D.	0.801 #
45)	L9 AR-1268-5	11.014	9.290	2521239	2227189	0.462	0.473

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072921\
Data File : PQ054175.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Jul 2021 04:28
Operator : AJ\MA
Sample : M2940-01
Misc : AR1221 LOD 40 PPB
ALS Vial : 41 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 30 06:44:00 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072921.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Jul 30 02:37:02 2021
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
----------	------	------	--------	--------	-------	-------

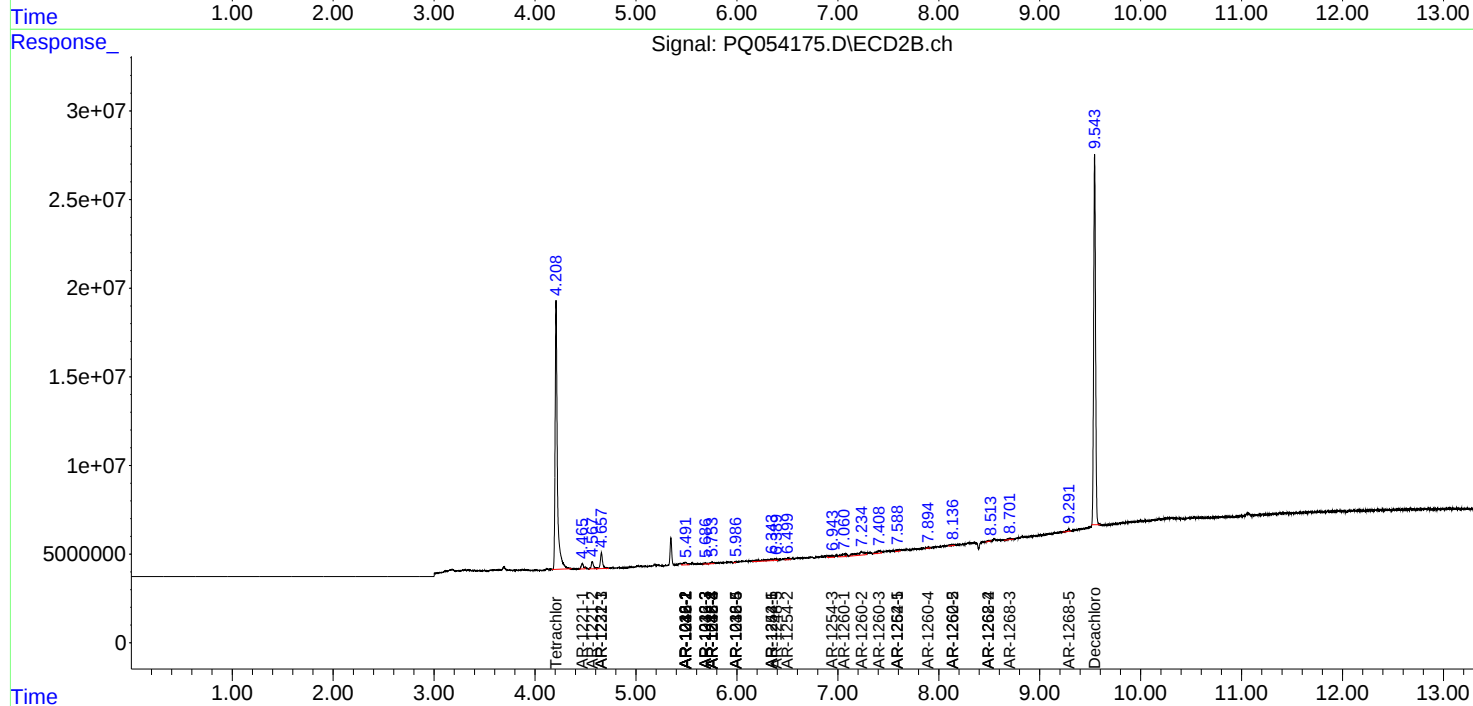
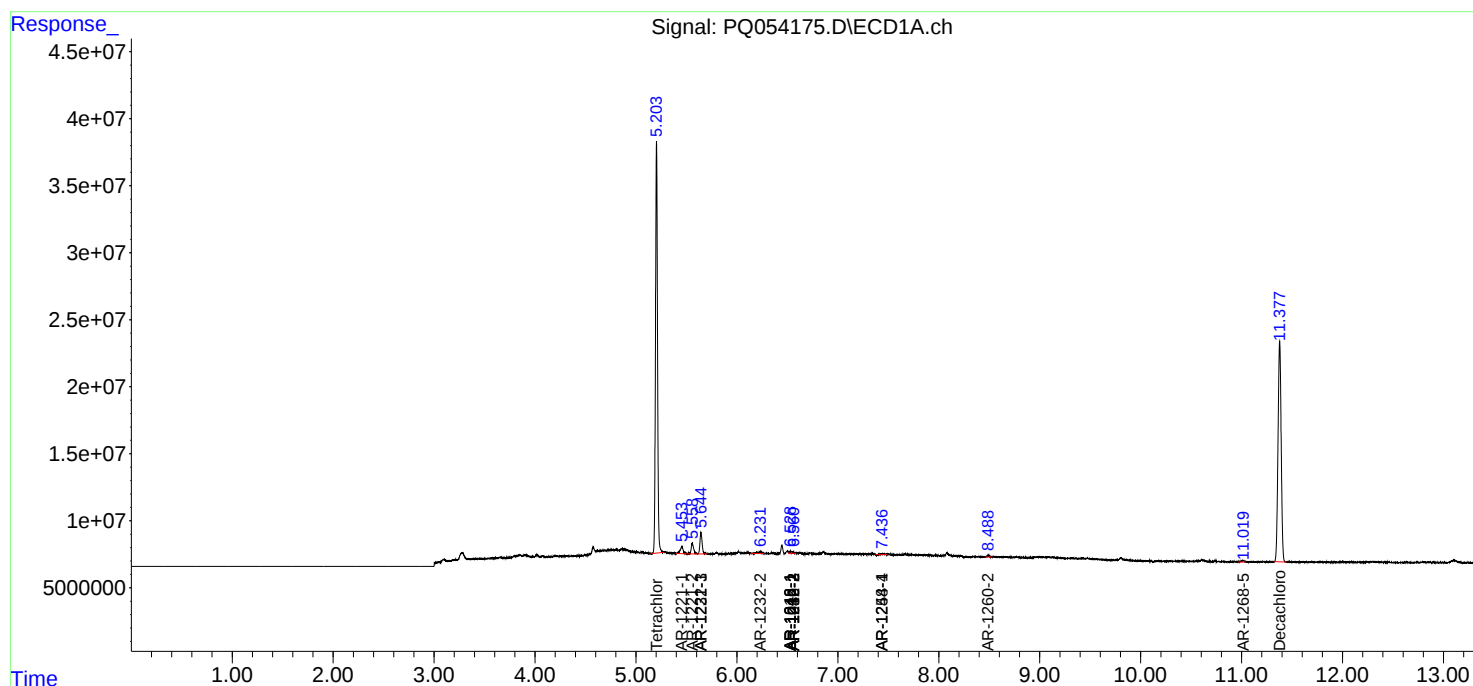
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

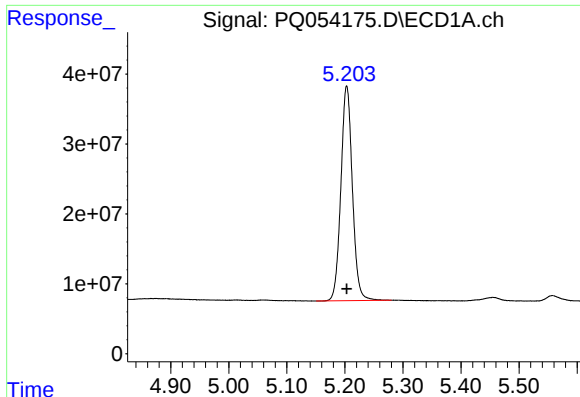
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072921\
Data File : PQ054175.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Jul 2021 04:28
Operator : AJ\MA
Sample : M2940-01
Misc : AR1221 LOD 40 PPB
ALS Vial : 41 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 30 06:44:00 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072921.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Jul 30 02:37:02 2021
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 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm

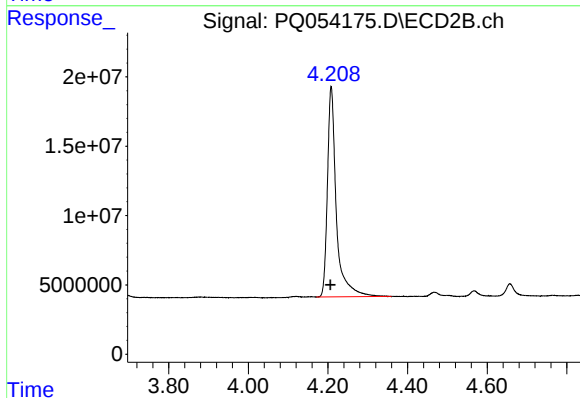




#1 Tetrachloro-m-xylene

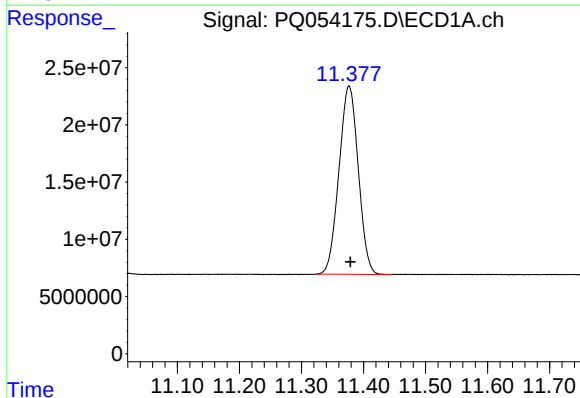
R.T.: 5.203 min
Delta R.T.: 0.000 min
Response: 422534896
Conc: 18.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



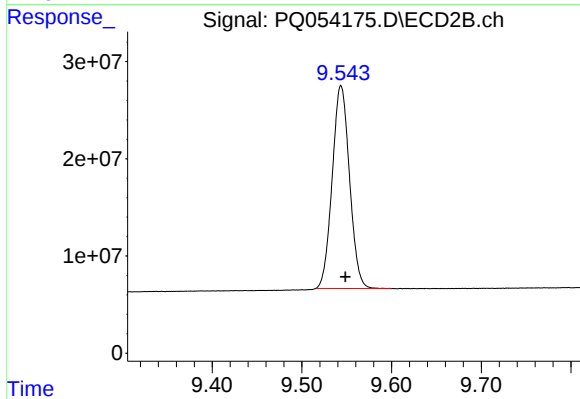
#1 Tetrachloro-m-xylene

R.T.: 4.208 min
Delta R.T.: 0.002 min
Response: 235703541
Conc: 16.67 ng/ml



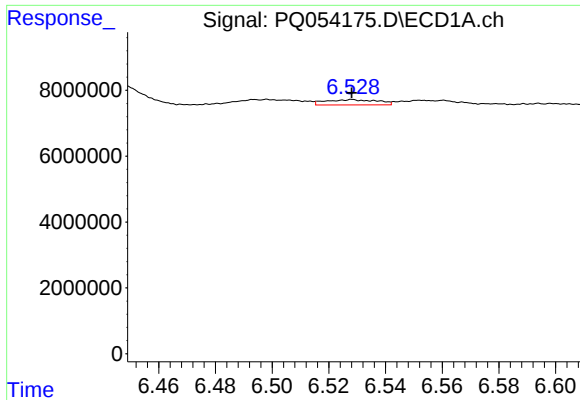
#2 Decachlorobiphenyl

R.T.: 11.377 min
Delta R.T.: -0.002 min
Response: 355569904
Conc: 21.13 ng/ml



#2 Decachlorobiphenyl

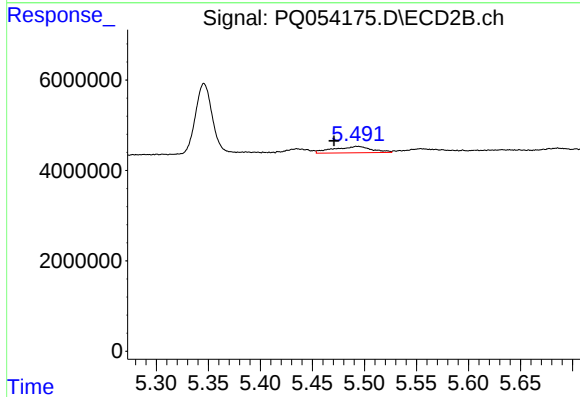
R.T.: 9.544 min
Delta R.T.: -0.005 min
Response: 279520002
Conc: 22.16 ng/ml



#3 AR-1016-1

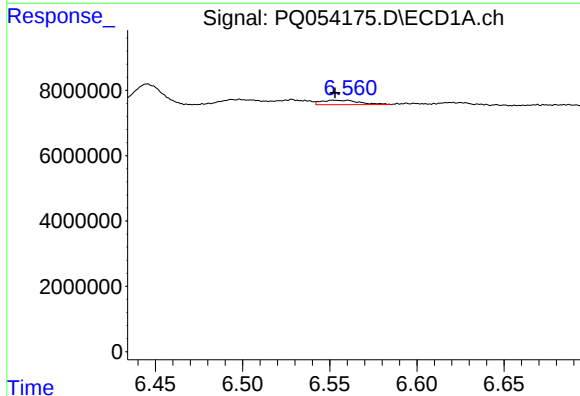
R.T.: 6.528 min
Delta R.T.: 0.000 min
Response: 2048462
Conc: 2.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



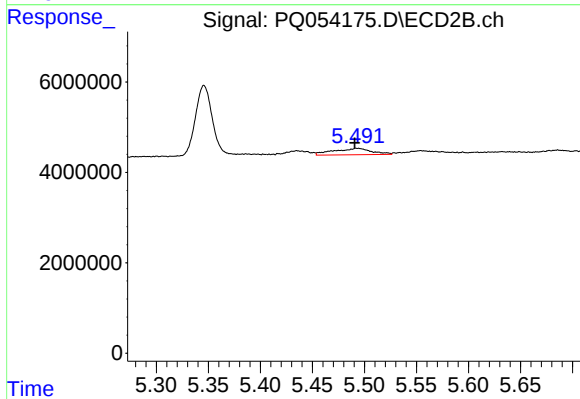
#3 AR-1016-1

R.T.: 5.493 min
Delta R.T.: 0.022 min
Response: 3623995
Conc: 8.01 ng/ml



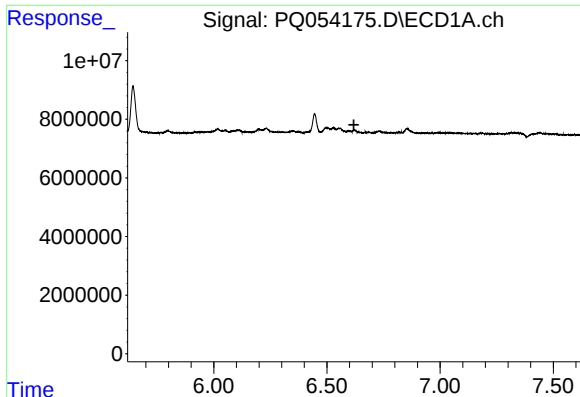
#4 AR-1016-2

R.T.: 6.560 min
Delta R.T.: 0.007 min
Response: 2076550
Conc: 1.85 ng/ml



#4 AR-1016-2

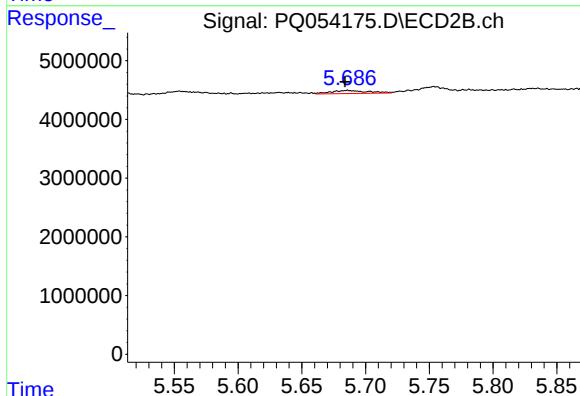
R.T.: 5.493 min
Delta R.T.: 0.002 min
Response: 3623995
Conc: 4.89 ng/ml



#5 AR-1016-3

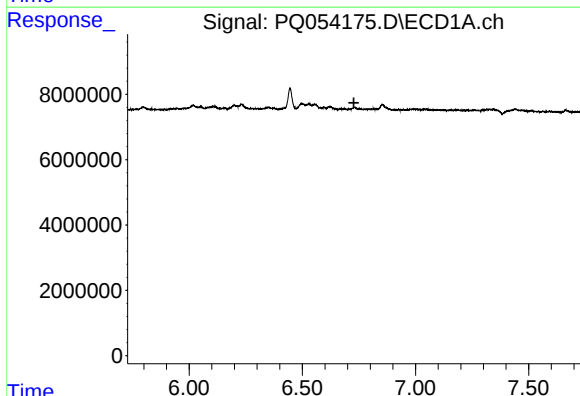
R.T.: 0.000 min
Exp R.T.: 6.619 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



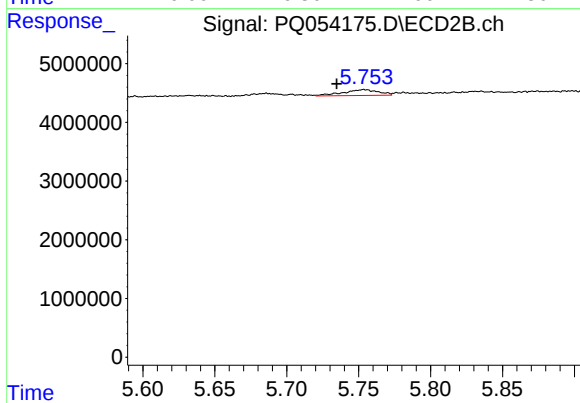
#5 AR-1016-3

R.T.: 5.686 min
Delta R.T.: 0.002 min
Response: 1059018
Conc: 2.94 ng/ml



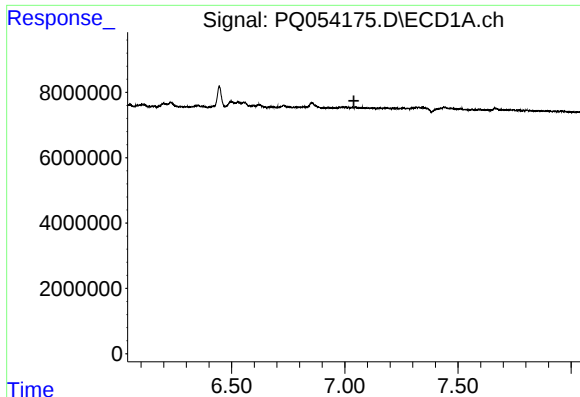
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 6.728 min
Response: 0
Conc: N.D.



#6 AR-1016-4

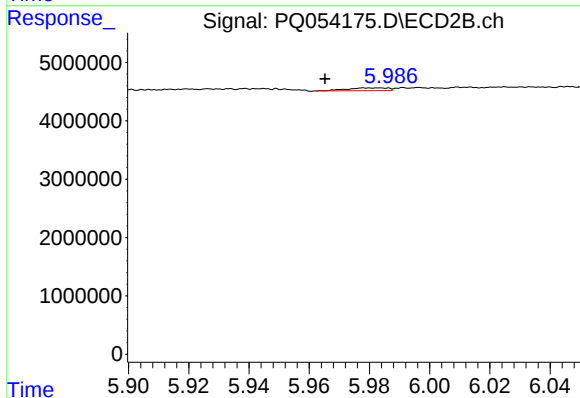
R.T.: 5.754 min
Delta R.T.: 0.019 min
Response: 1740310
Conc: 6.10 ng/ml



#7 AR-1016-5

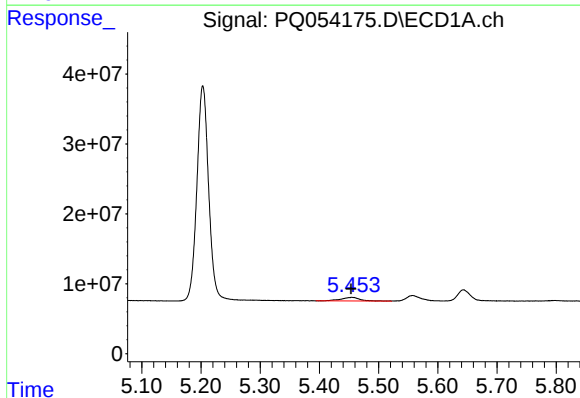
R.T.: 0.000 min
Exp R.T.: 7.040 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



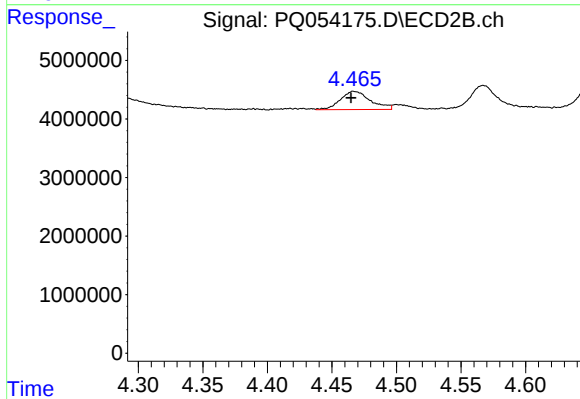
#7 AR-1016-5

R.T.: 5.983 min
Delta R.T.: 0.017 min
Response: 450627
Conc: 1.24 ng/ml



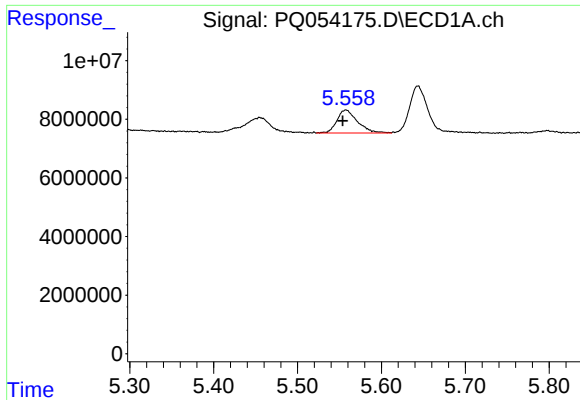
#8 AR-1221-1

R.T.: 5.455 min
Delta R.T.: 0.002 min
Response: 10996188
Conc: 45.45 ng/ml



#8 AR-1221-1

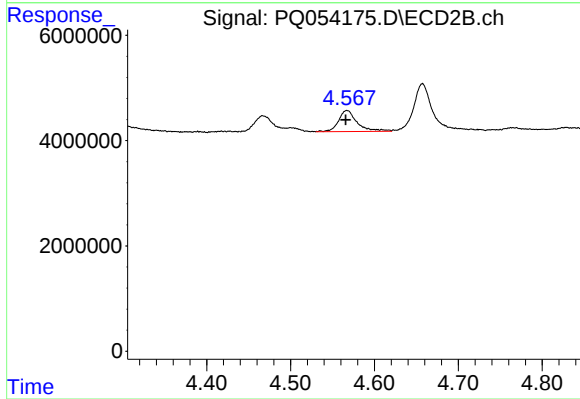
R.T.: 4.467 min
Delta R.T.: 0.002 min
Response: 5036597
Conc: 35.35 ng/ml



#9 AR-1221-2

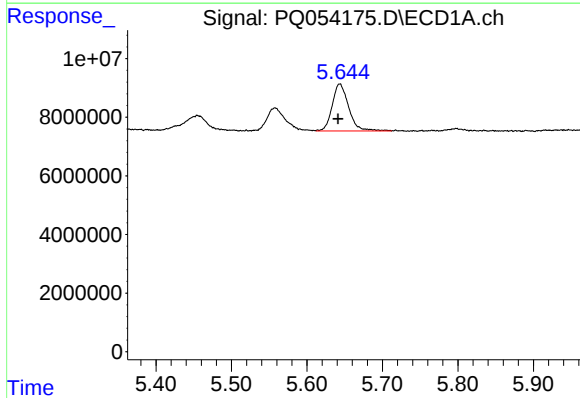
R.T.: 5.558 min
Delta R.T.: 0.004 min
Response: 13398962
Conc: 73.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



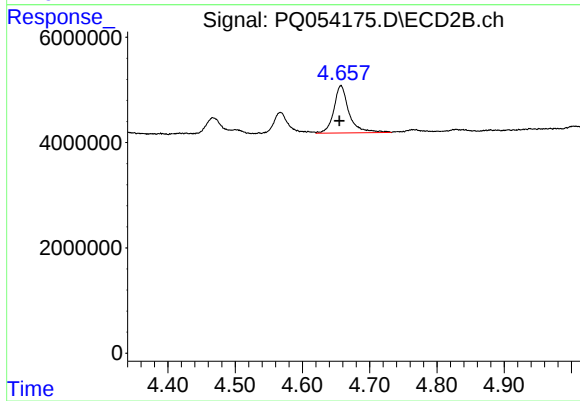
#9 AR-1221-2

R.T.: 4.567 min
Delta R.T.: 0.002 min
Response: 6176498
Conc: 58.55 ng/ml



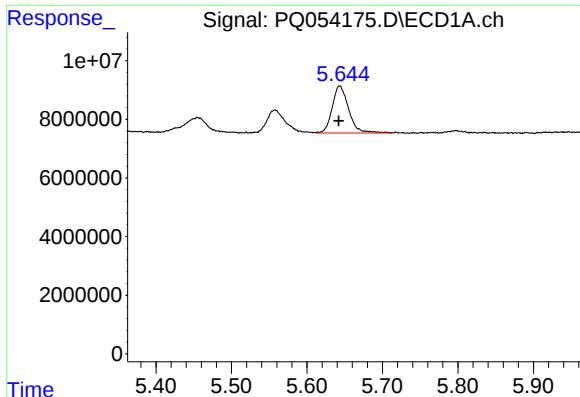
#10 AR-1221-3

R.T.: 5.643 min
Delta R.T.: 0.002 min
Response: 24248317
Conc: 42.38 ng/ml



#10 AR-1221-3

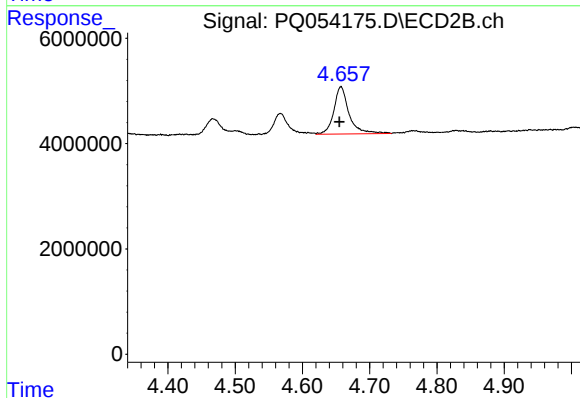
R.T.: 4.657 min
Delta R.T.: 0.002 min
Response: 14129144
Conc: 40.26 ng/ml



#11 AR-1232-1

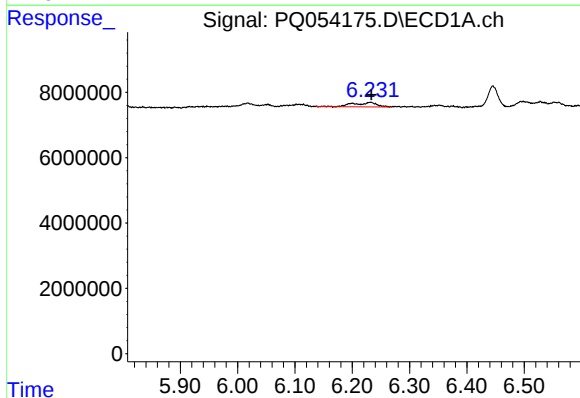
R.T.: 5.643 min
Delta R.T.: 0.001 min
Response: 24248317
Conc: 62.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



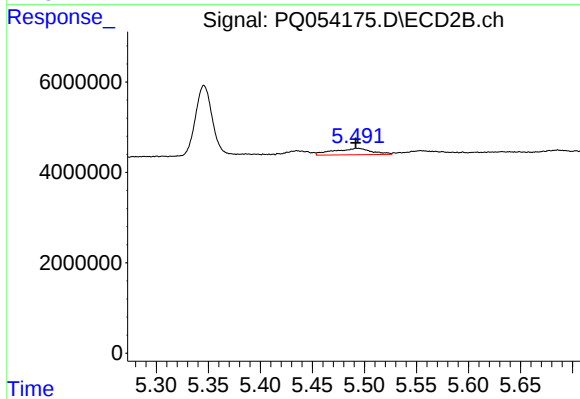
#11 AR-1232-1

R.T.: 4.657 min
Delta R.T.: 0.002 min
Response: 14129144
Conc: 60.53 ng/ml



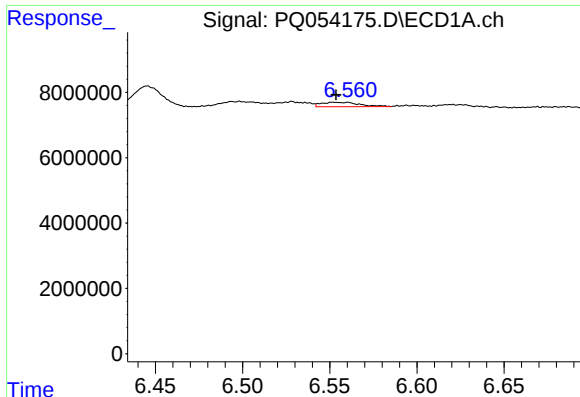
#12 AR-1232-2

R.T.: 6.232 min
Delta R.T.: -0.001 min
Response: 3969455
Conc: 17.09 ng/ml



#12 AR-1232-2

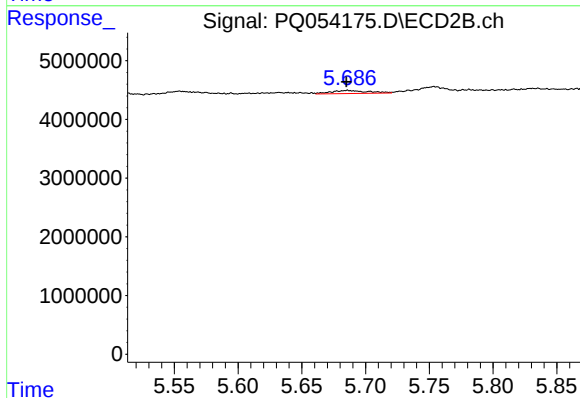
R.T.: 5.493 min
Delta R.T.: 0.002 min
Response: 3623995
Conc: 12.51 ng/ml



#13 AR-1232-3

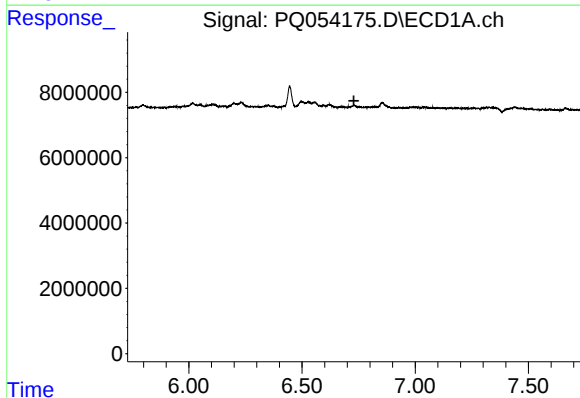
R.T.: 6.560 min
Delta R.T.: 0.007 min
Response: 2076550
Conc: 4.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



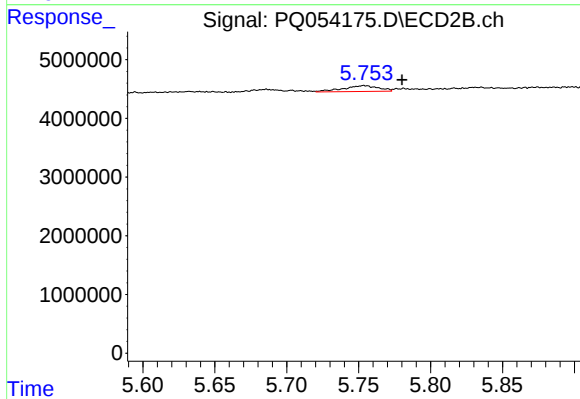
#13 AR-1232-3

R.T.: 5.686 min
Delta R.T.: 0.001 min
Response: 1059018
Conc: 7.98 ng/ml



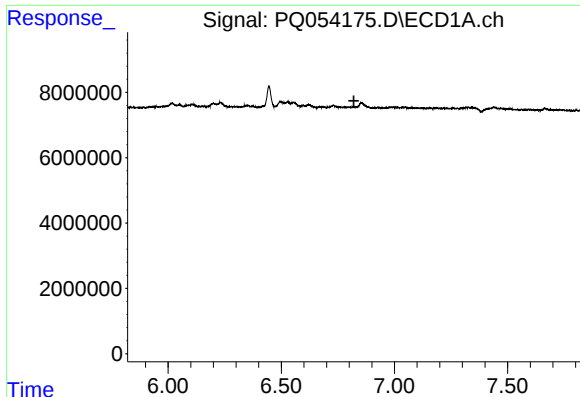
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 6.729 min
Response: 0
Conc: N.D.



#14 AR-1232-4

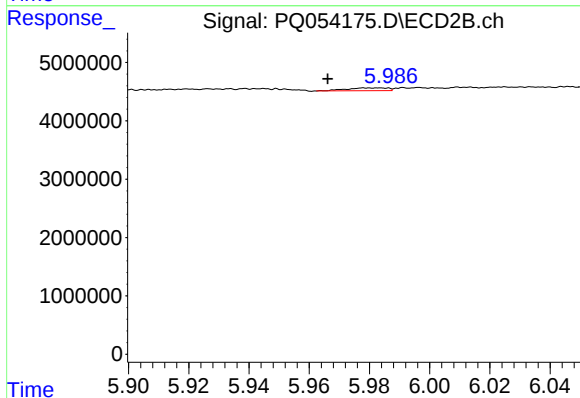
R.T.: 5.754 min
Delta R.T.: -0.026 min
Response: 1740310
Conc: 15.25 ng/ml



#15 AR-1232-5

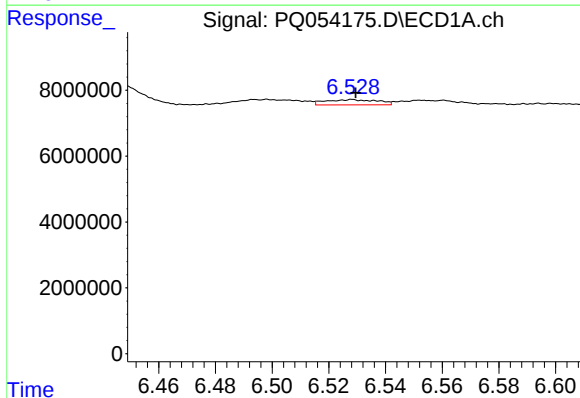
R.T.: 0.000 min
Exp R.T.: 6.821 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



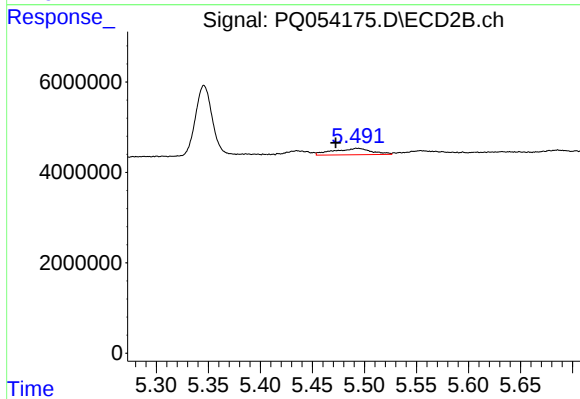
#15 AR-1232-5

R.T.: 5.983 min
Delta R.T.: 0.016 min
Response: 450627
Conc: 3.51 ng/ml



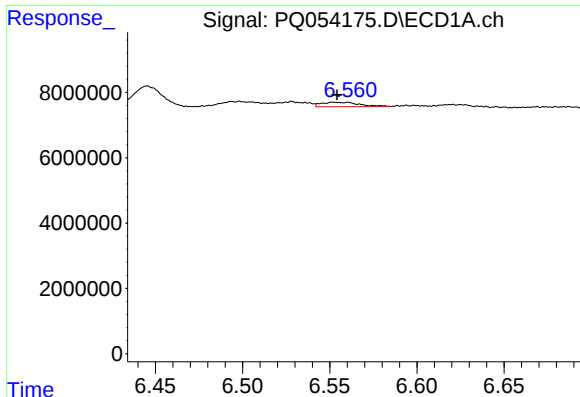
#16 AR-1242-1

R.T.: 6.528 min
Delta R.T.: -0.001 min
Response: 2048462
Conc: 4.46 ng/ml



#16 AR-1242-1

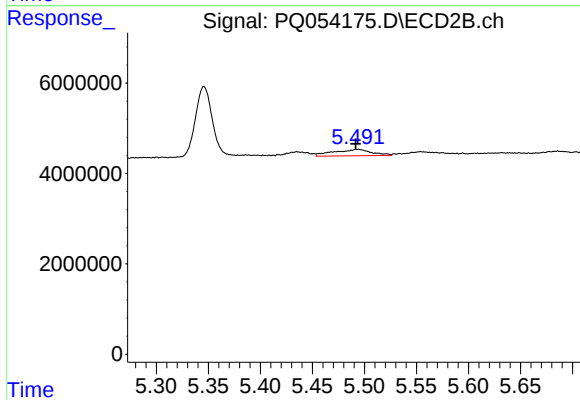
R.T.: 5.493 min
Delta R.T.: 0.021 min
Response: 3623995
Conc: 13.33 ng/ml



#17 AR-1242-2

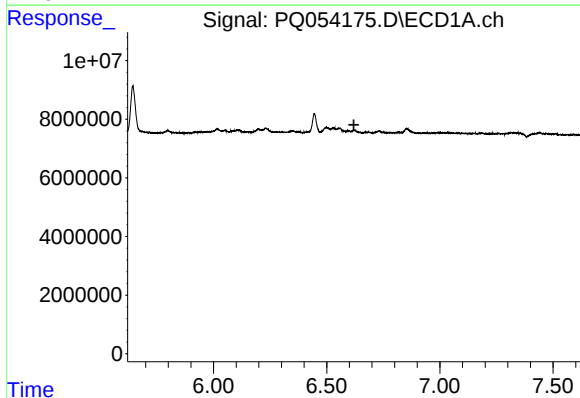
R.T.: 6.560 min
Delta R.T.: 0.006 min
Response: 2076550
Conc: 2.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



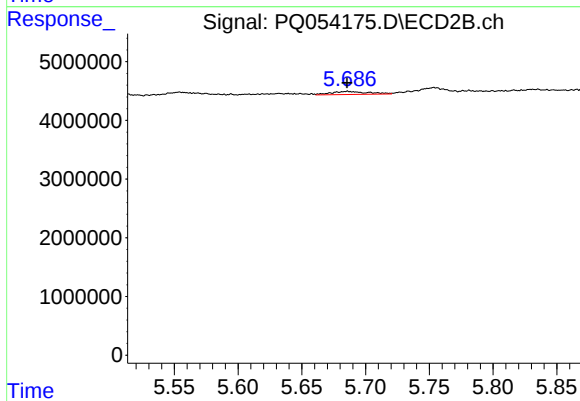
#17 AR-1242-2

R.T.: 5.493 min
Delta R.T.: 0.002 min
Response: 3623995
Conc: 7.70 ng/ml



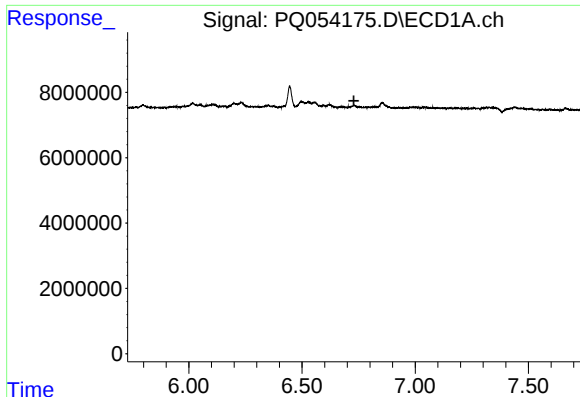
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 6.620 min
Response: 0
Conc: N.D.



#18 AR-1242-3

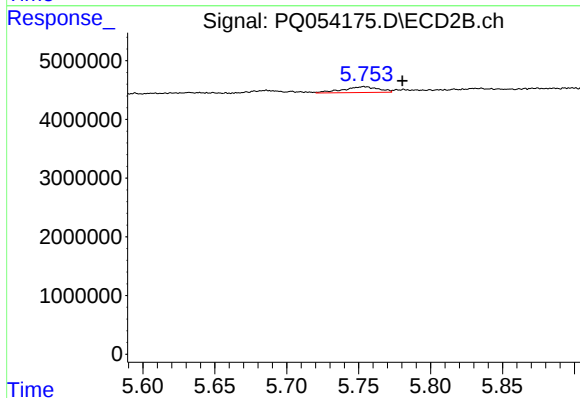
R.T.: 5.686 min
Delta R.T.: 0.000 min
Response: 1059018
Conc: 4.80 ng/ml



#19 AR-1242-4

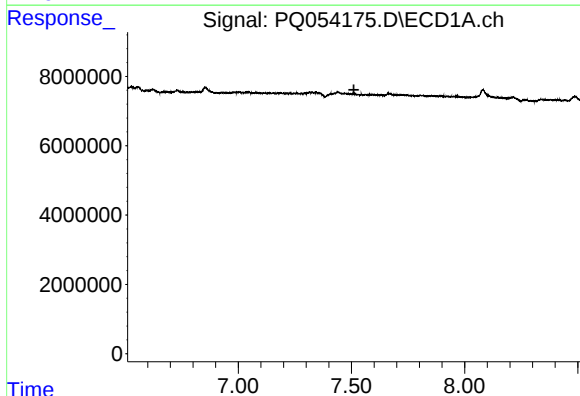
R.T.: 0.000 min
Exp R.T.: 6.729 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



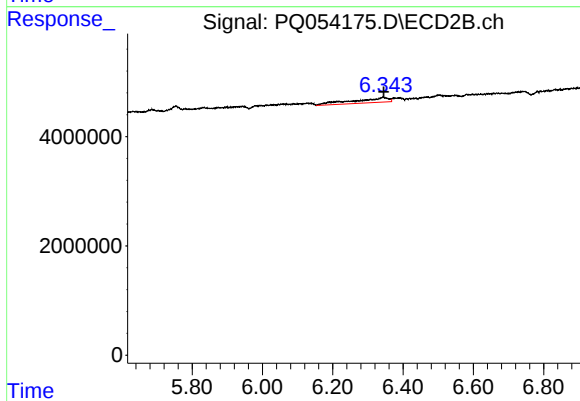
#19 AR-1242-4

R.T.: 5.754 min
Delta R.T.: -0.026 min
Response: 1740310
Conc: 8.04 ng/ml



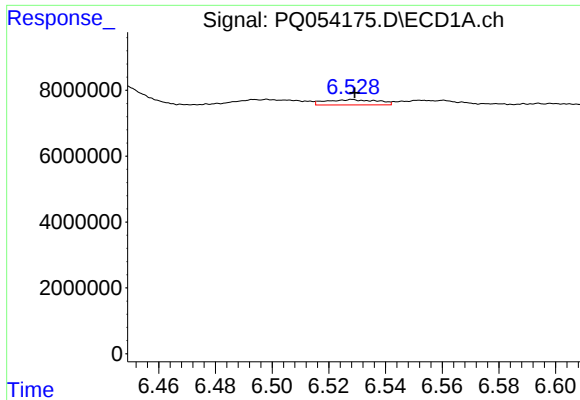
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T.: 7.511 min
Response: 0
Conc: N.D.



#20 AR-1242-5

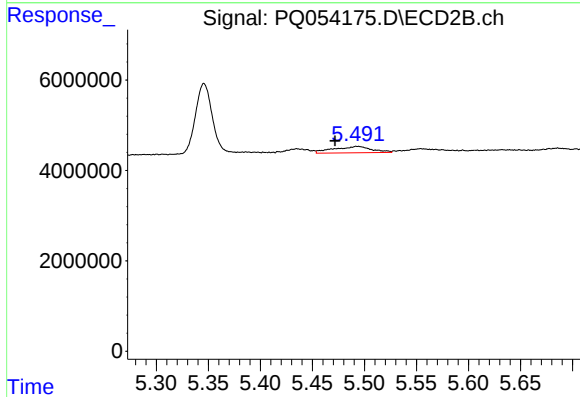
R.T.: 6.343 min
Delta R.T.: -0.002 min
Response: 6244367
Conc: 21.05 ng/ml



#21 AR-1248-1

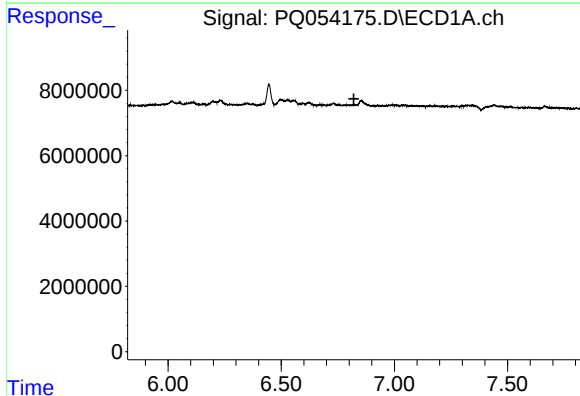
R.T.: 6.528 min
Delta R.T.: 0.000 min
Response: 2048462
Conc: 5.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



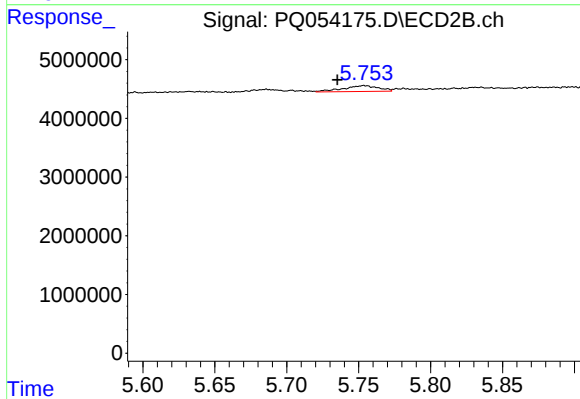
#21 AR-1248-1

R.T.: 5.493 min
Delta R.T.: 0.021 min
Response: 3623995
Conc: 16.06 ng/ml



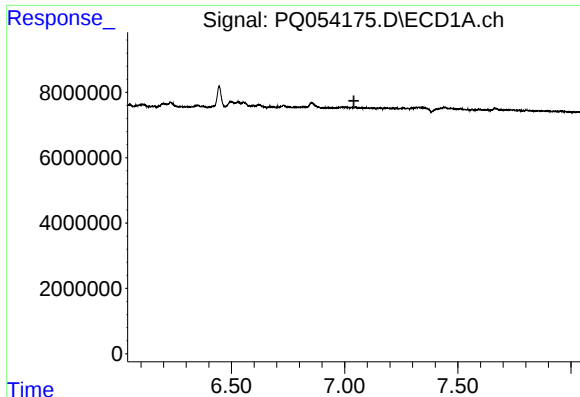
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T. : 6.821 min
Response: 0
Conc: N.D.



#22 AR-1248-2

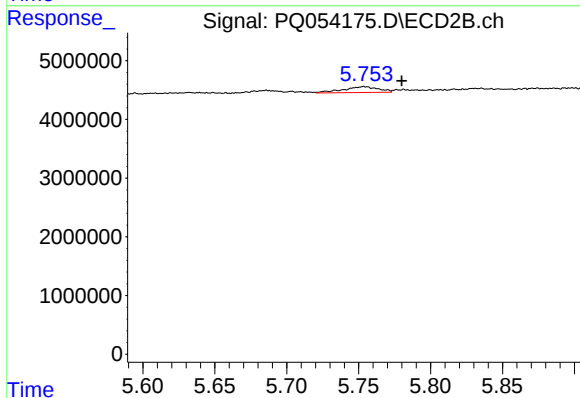
R.T.: 5.754 min
Delta R.T.: 0.019 min
Response: 1740310
Conc: 5.30 ng/ml



#23 AR-1248-3

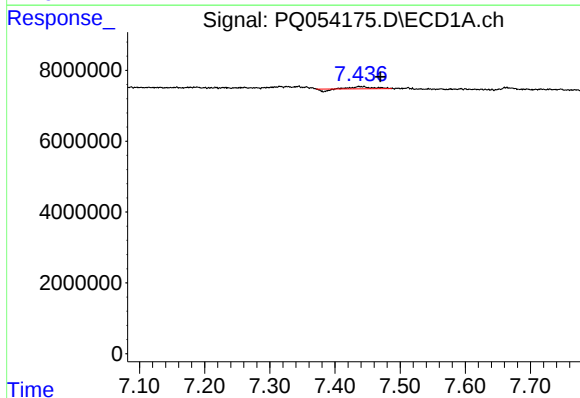
R.T.: 0.000 min
Exp R.T.: 7.041 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



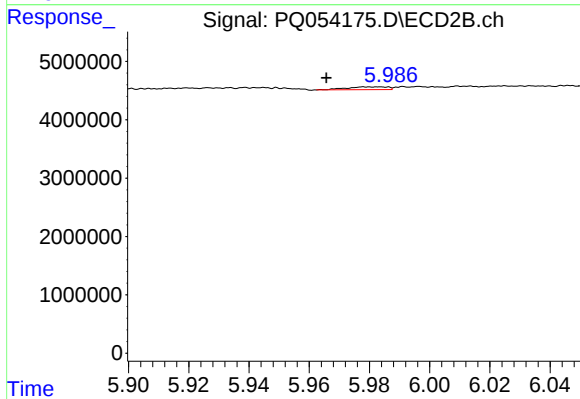
#23 AR-1248-3

R.T.: 5.754 min
Delta R.T.: -0.026 min
Response: 1740310
Conc: 5.26 ng/ml



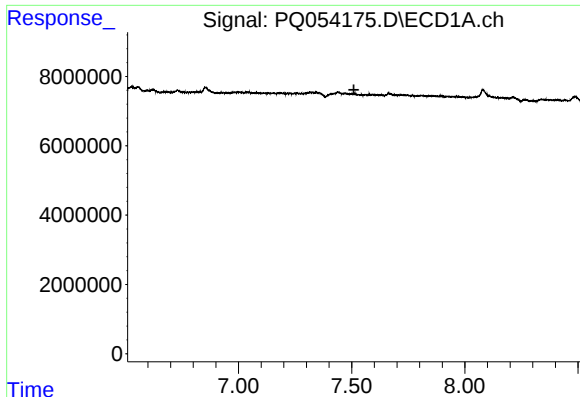
#24 AR-1248-4

R.T.: 7.444 min
Delta R.T.: -0.025 min
Response: 929527
Conc: 1.40 ng/ml



#24 AR-1248-4

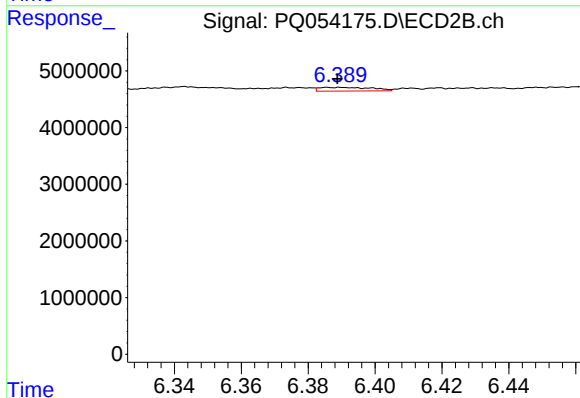
R.T.: 5.983 min
Delta R.T.: 0.017 min
Response: 450627
Conc: 1.14 ng/ml



#25 AR-1248-5

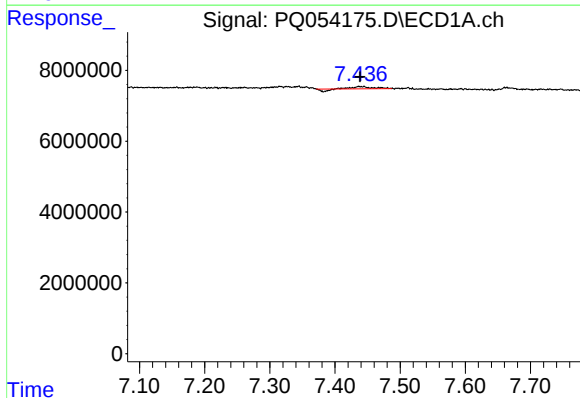
R.T.: 0.000 min
Exp R.T.: 7.510 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



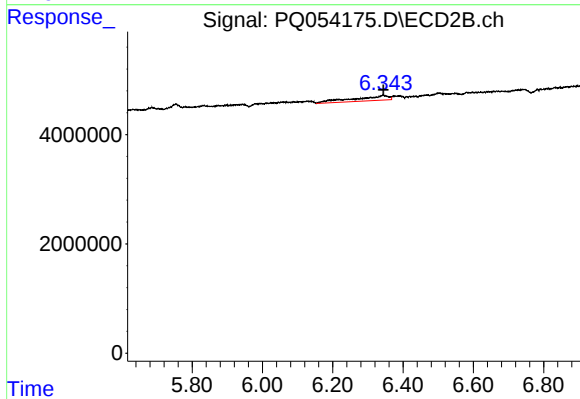
#25 AR-1248-5

R.T.: 6.389 min
Delta R.T.: 0.000 min
Response: 713813
Conc: 1.79 ng/ml



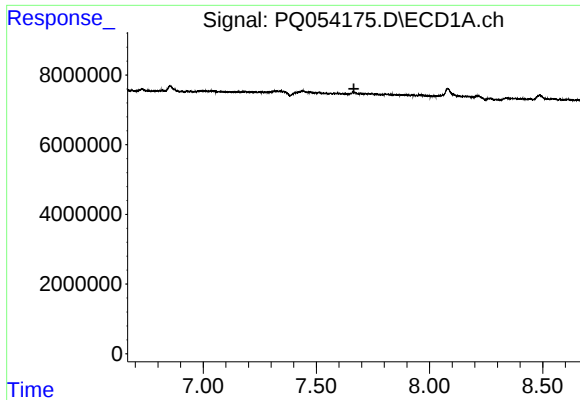
#26 AR-1254-1

R.T.: 7.444 min
Delta R.T.: 0.006 min
Response: 929527
Conc: 1.32 ng/ml



#26 AR-1254-1

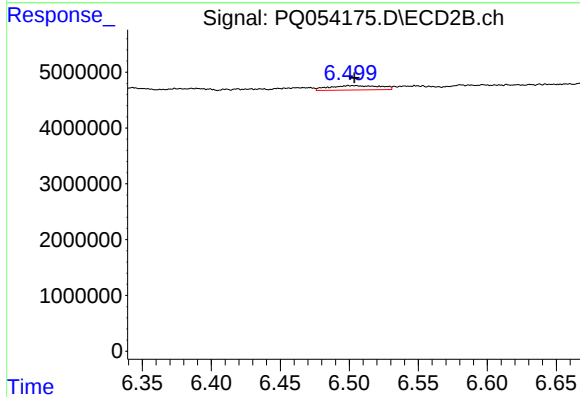
R.T.: 6.343 min
Delta R.T.: -0.001 min
Response: 6244367
Conc: 9.34 ng/ml



#27 AR-1254-2

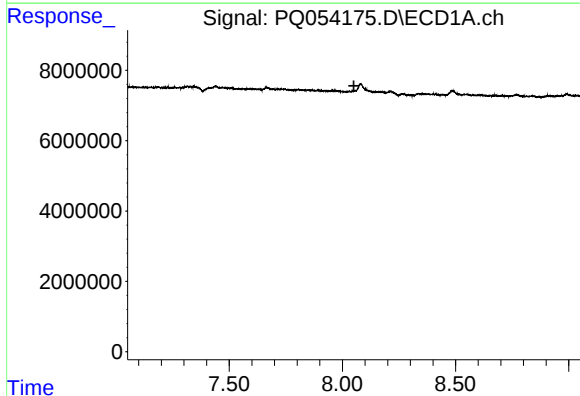
R.T.: 0.000 min
Exp R.T. : 7.666 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



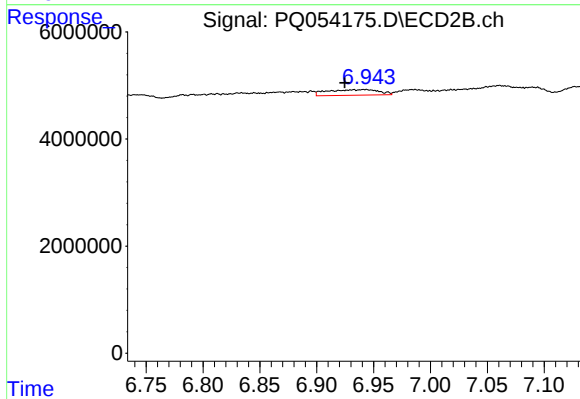
#27 AR-1254-2

R.T.: 6.504 min
Delta R.T.: 0.000 min
Response: 2029061
Conc: 3.30 ng/ml



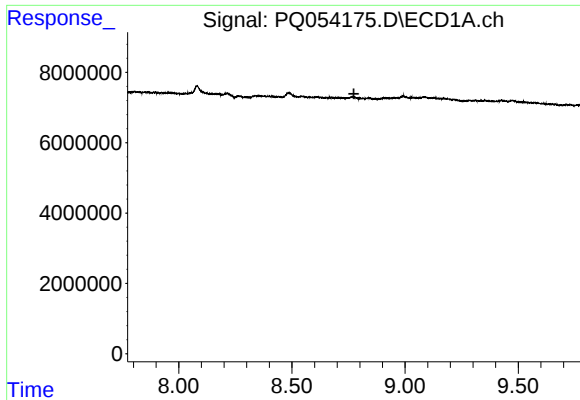
#28 AR-1254-3

R.T.: 0.000 min
Exp R.T. : 8.051 min
Response: 0
Conc: N.D.



#28 AR-1254-3

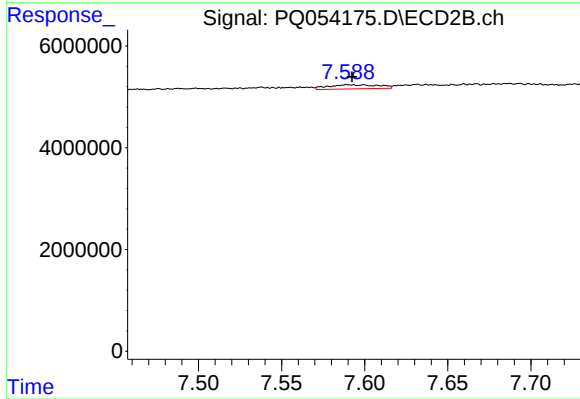
R.T.: 6.933 min
Delta R.T.: 0.008 min
Response: 3275980
Conc: 3.39 ng/ml



#30 AR-1254-5

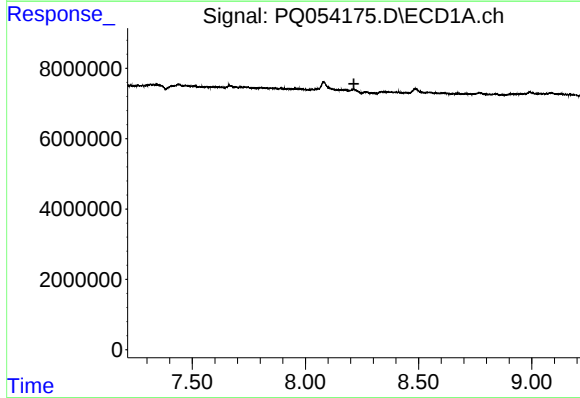
R.T.: 0.000 min
Exp R.T.: 8.774 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



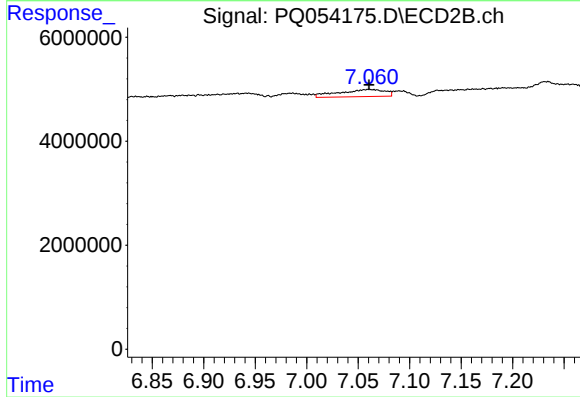
#30 AR-1254-5

R.T.: 7.590 min
Delta R.T.: -0.002 min
Response: 1714010
Conc: 1.76 ng/ml



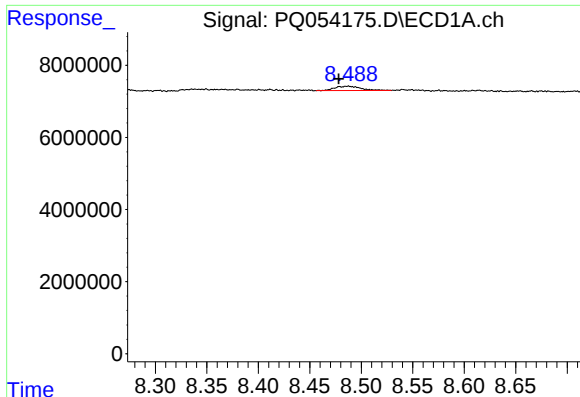
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T.: 8.214 min
Response: 0
Conc: N.D.



#31 AR-1260-1

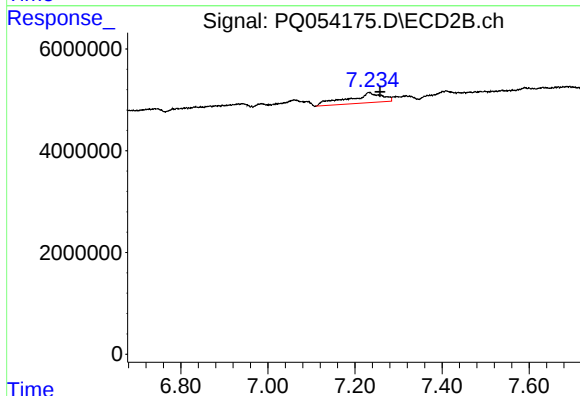
R.T.: 7.061 min
Delta R.T.: 0.000 min
Response: 4321413
Conc: 5.77 ng/ml



#32 AR-1260-2

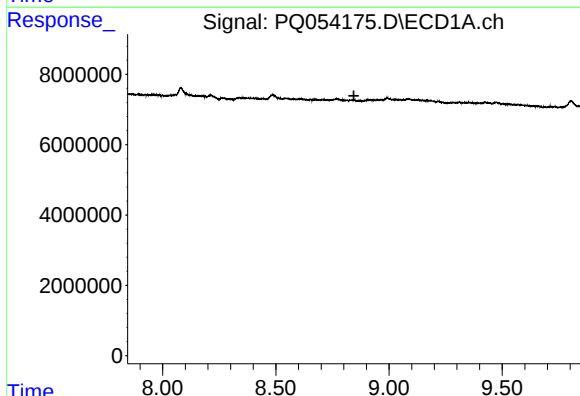
R.T.: 8.487 min
Delta R.T.: 0.009 min
Response: 2148795
Conc: 1.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



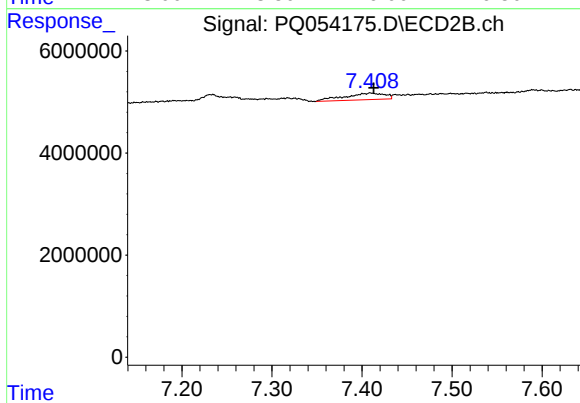
#32 AR-1260-2

R.T.: 7.233 min
Delta R.T.: -0.024 min
Response: 11012640
Conc: 10.54 ng/ml



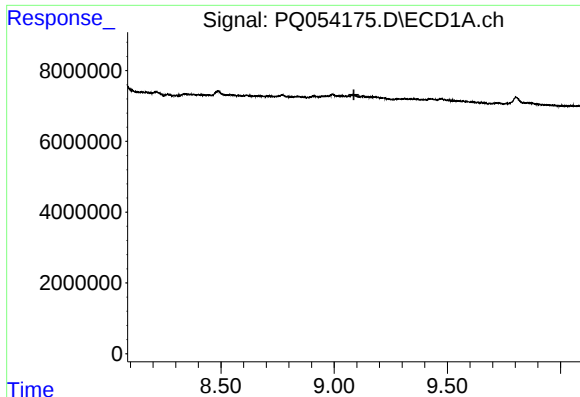
#33 AR-1260-3

R.T.: 0.000 min
Exp R.T. : 8.845 min
Response: 0
Conc: N.D.



#33 AR-1260-3

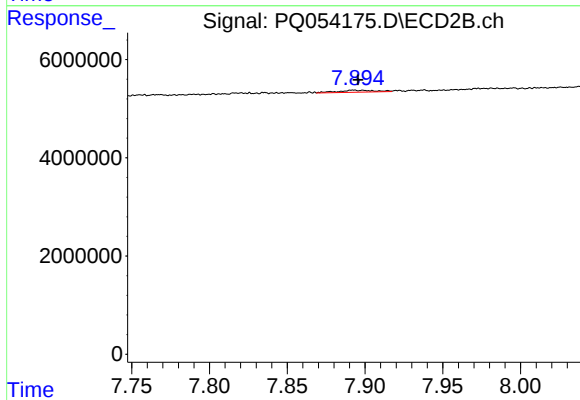
R.T.: 7.409 min
Delta R.T.: -0.004 min
Response: 4035987
Conc: 4.64 ng/ml



#34 AR-1260-4

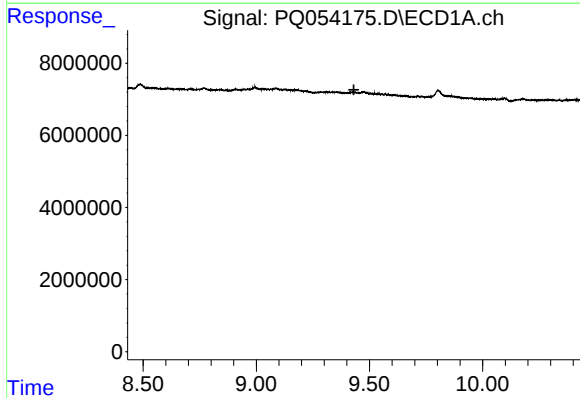
R.T.: 0.000 min
Exp R.T.: 9.087 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



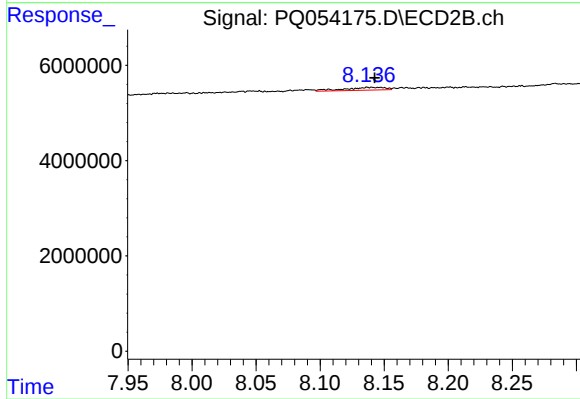
#34 AR-1260-4

R.T.: 7.893 min
Delta R.T.: -0.003 min
Response: 662121
Conc: 1.06 ng/ml



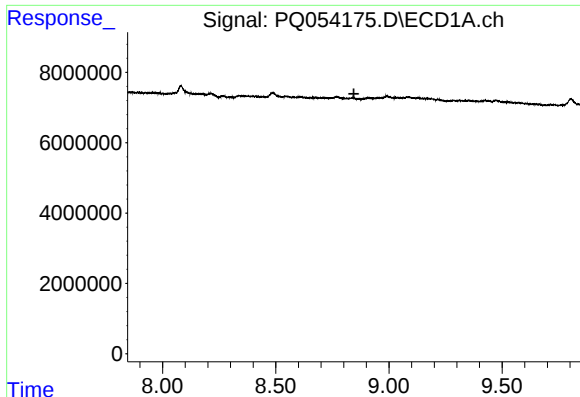
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T.: 9.431 min
Response: 0
Conc: N.D.



#35 AR-1260-5

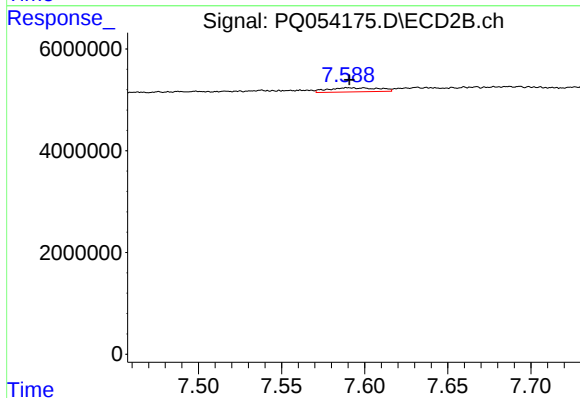
R.T.: 8.140 min
Delta R.T.: -0.002 min
Response: 1278868
Conc: 0.75 ng/ml



#36 AR-1262-1

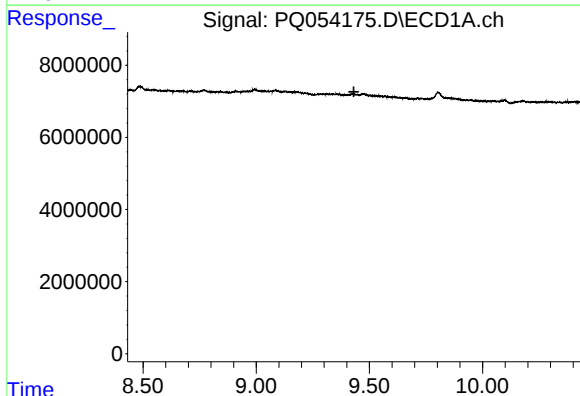
R.T.: 0.000 min
Exp R.T.: 8.845 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



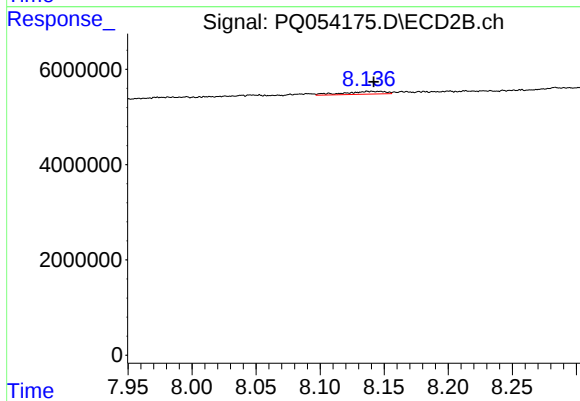
#36 AR-1262-1

R.T.: 7.590 min
Delta R.T.: -0.001 min
Response: 1714010
Conc: 3.79 ng/ml



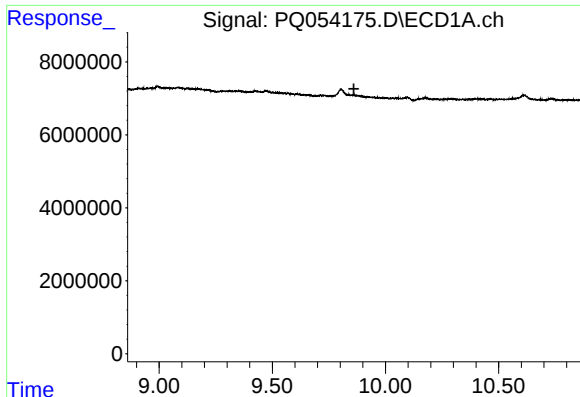
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T.: 9.432 min
Response: 0
Conc: N.D.



#37 AR-1262-2

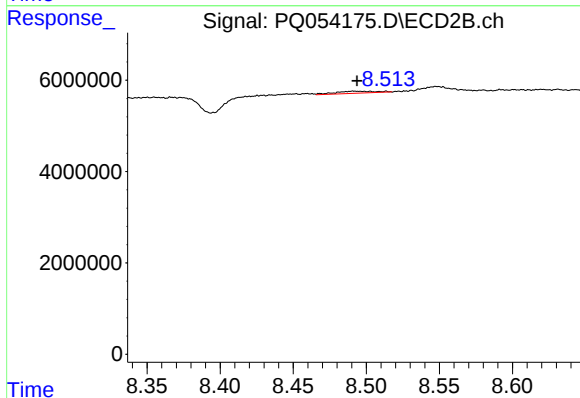
R.T.: 8.140 min
Delta R.T.: -0.002 min
Response: 1278868
Conc: 0.68 ng/ml



#39 AR-1262-4

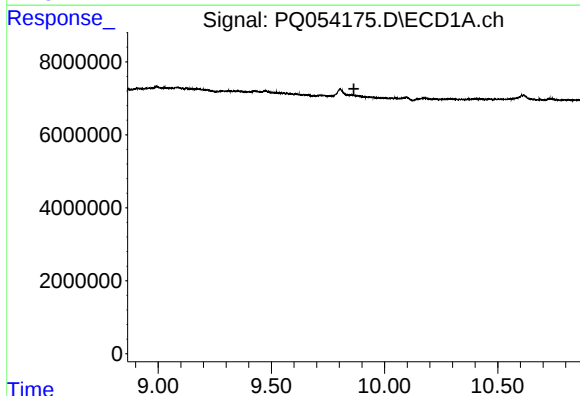
R.T.: 0.000 min
Exp R.T.: 9.861 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



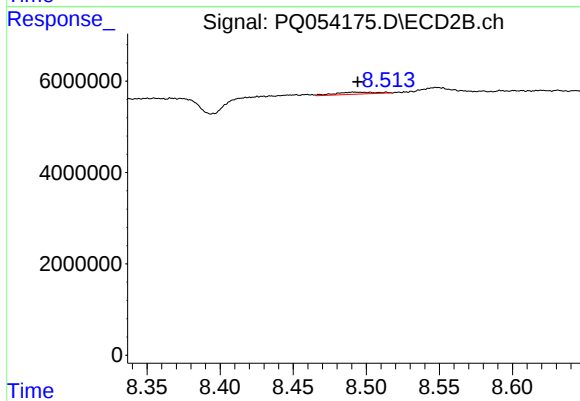
#39 AR-1262-4

R.T.: 8.492 min
Delta R.T.: -0.002 min
Response: 840142
Conc: 0.67 ng/ml



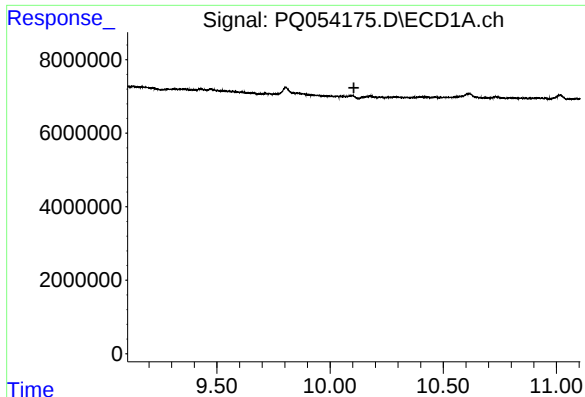
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T.: 9.864 min
Response: 0
Conc: N.D.



#42 AR-1268-2

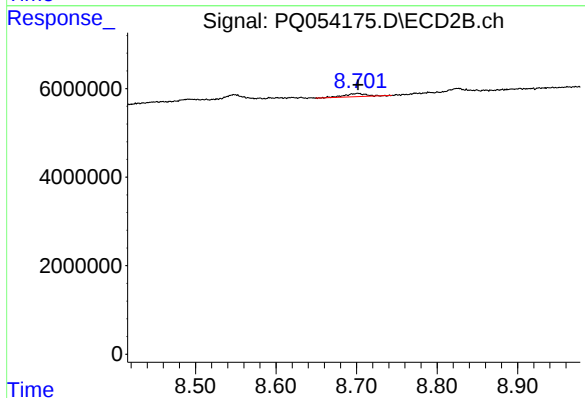
R.T.: 8.492 min
Delta R.T.: -0.003 min
Response: 840142
Conc: 0.45 ng/ml



#43 AR-1268-3

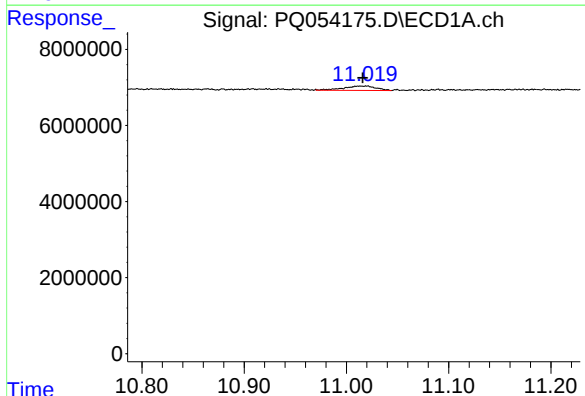
R.T.: 0.000 min
Exp R.T.: 10.105 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



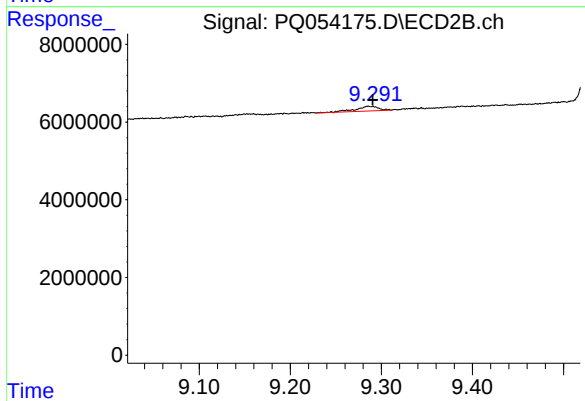
#43 AR-1268-3

R.T.: 8.702 min
Delta R.T.: 0.000 min
Response: 1338500
Conc: 0.80 ng/ml



#45 AR-1268-5

R.T.: 11.014 min
Delta R.T.: -0.003 min
Response: 2521239
Conc: 0.46 ng/ml



#45 AR-1268-5

R.T.: 9.290 min
Delta R.T.: 0.000 min
Response: 2227189
Conc: 0.47 ng/ml