

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072921\
 Data File : PQ054132.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Jul 2021 15:51
 Operator : AJ\MA
 Sample : M2940-01
 Misc : AR1221 LOD 25 PPB
 ALS Vial : 6 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 04:09:54 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	4.207	514.2E6	294.7E6	22.018	20.846
2)	SA Decachlor...	11.378	9.547	350.5E6	280.8E6	20.833	22.257
Target Compounds							
3)	L1 AR-1016-1	6.532	5.493f	574109	2854159	0.783	6.305 #
4)	L1 AR-1016-2	6.532f	5.493	574109	2854159	0.511	3.851 #
5)	L1 AR-1016-3	0.000	5.689	0	2147148	N.D.	5.956 #
6)	L1 AR-1016-4	0.000	5.756f	0	1982272	N.D.	6.945 #
7)	L1 AR-1016-5	0.000	5.947f	0	1010078	N.D.	2.772 #
8)	L2 AR-1221-1	5.455	4.467	8100232	2675243	33.480	18.776 #
9)	L2 AR-1221-2	5.559	4.566	12554110	5417825	69.304	51.358 #
10)	L2 AR-1221-3	5.644	4.656	17168247	9495219	30.004	27.058
11)	L3 AR-1232-1	5.644	4.656	17168247	9495219	43.947	40.680
12)	L3 AR-1232-2	6.233	5.493	2098729	2854159	9.034	9.855
13)	L3 AR-1232-3	6.532f	5.689	574109	2147148	1.338	16.184 #
14)	L3 AR-1232-4	0.000	5.782	0	1278374	N.D.	11.203 #
15)	L3 AR-1232-5	0.000	5.984f	0	638857	N.D.	4.971 #
16)	L4 AR-1242-1	6.532	5.493f	574109	2854159	1.250	10.497 #
17)	L4 AR-1242-2	6.532f	5.493	574109	2854159	0.815	6.064 #
18)	L4 AR-1242-3	0.000	5.689	0	2147148	N.D.	9.732 #
19)	L4 AR-1242-4	0.000	5.782	0	1278374	N.D.	5.909 #
20)	L4 AR-1242-5	0.000	6.343	0	714773	N.D.	2.409 #
21)	L5 AR-1248-1	6.532	5.493f	574109	2854159	1.548	12.650 #
22)	L5 AR-1248-2	0.000	5.756f	0	1982272	N.D.	6.040 #
23)	L5 AR-1248-3	0.000	5.782	0	1278374	N.D.	3.866 #
24)	L5 AR-1248-4	7.440f	5.984f	3195130	638857	4.810	1.610 #
25)	L5 AR-1248-5	0.000	6.385	0	448013	N.D.	1.124 #
26)	L6 AR-1254-1	7.440	6.343	3195130	714773	4.521	1.069 #
27)	L6 AR-1254-2	0.000	6.508	0	2125057	N.D.	3.456 #
28)	L6 AR-1254-3	0.000	6.946f	0	6800000	N.D.	7.043 #
29)	L6 AR-1254-4	0.000	7.166	0	5825162	N.D.	8.741 #
30)	L6 AR-1254-5	0.000	7.595	0	2922572	N.D.	2.996 #
31)	L7 AR-1260-1	0.000	7.063	0	5855064	N.D.	7.811 #
32)	L7 AR-1260-2	8.493f	7.236f	2197860	4334289	1.936	4.149 #
33)	L7 AR-1260-3	0.000	7.414	0	4355822	N.D.	5.005 #
34)	L7 AR-1260-4	0.000	7.902	0	1772564	N.D.	2.847 #
35)	L7 AR-1260-5	0.000	8.144	0	608642	N.D.	0.355 #
36)	L8 AR-1262-1	0.000	7.595	0	2922572	N.D.	6.467 #
37)	L8 AR-1262-2	0.000	8.144	0	608642	N.D.	0.323 #
43)	L9 AR-1268-3	0.000	8.702	0	1323862	N.D.	0.792 #
45)	L9 AR-1268-5	11.020	9.290	2519485	2716259	0.462	0.576

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Misc : AR1221 LOD 25 PPB
ALS Vial : 6 Sample Multiplier: 1

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 30 04:09:54 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

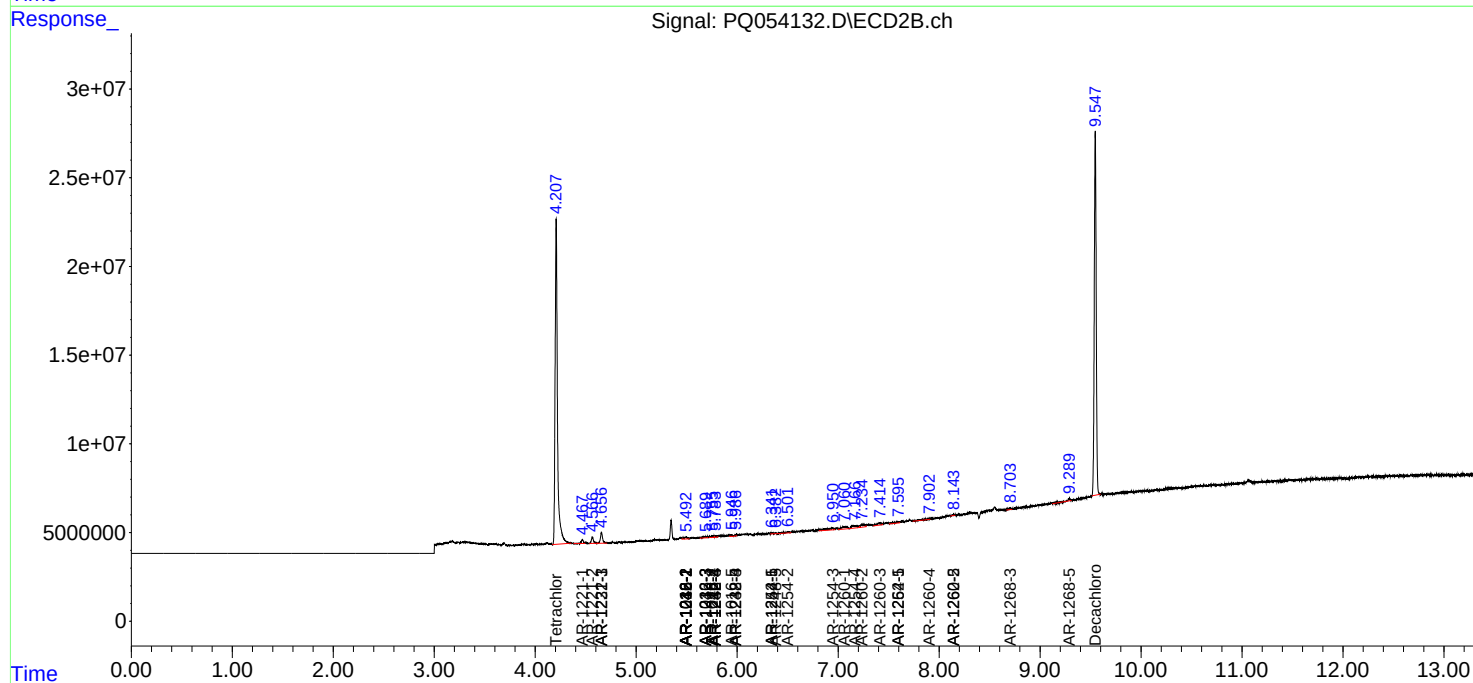
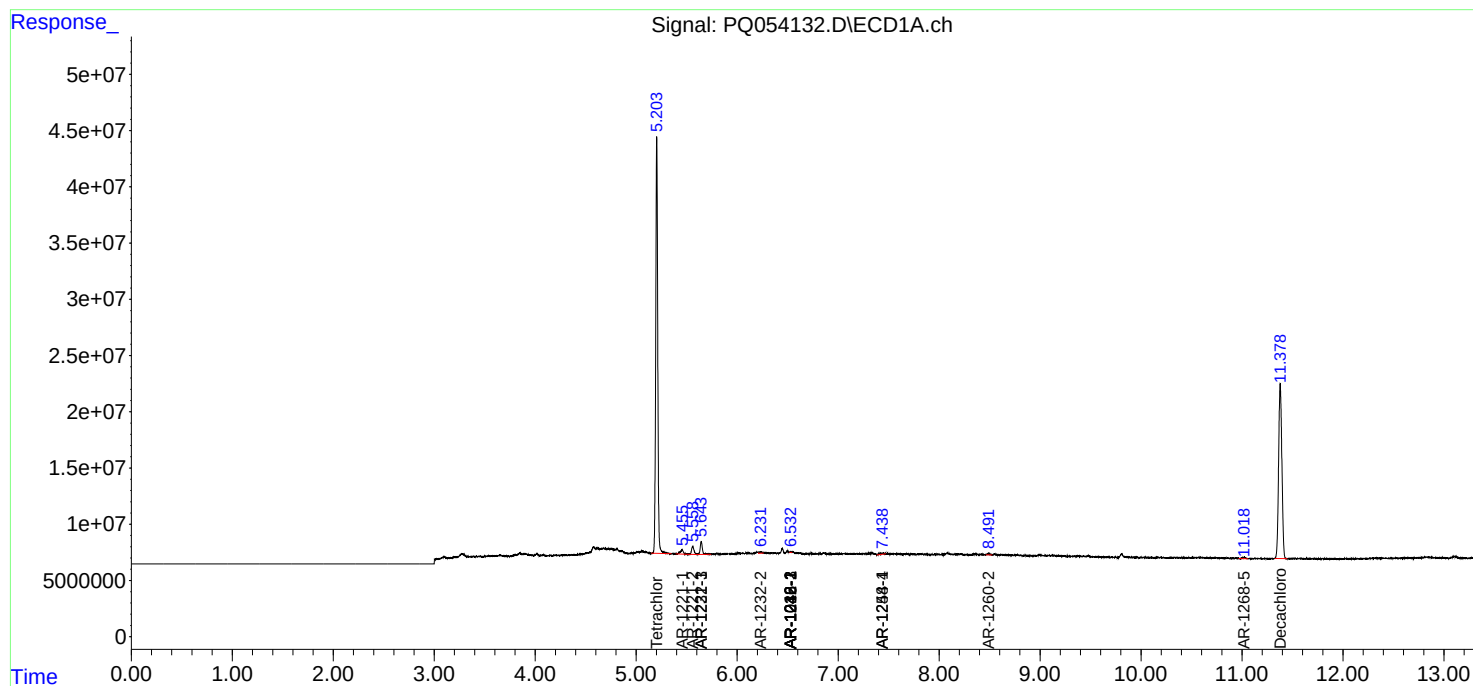
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.						

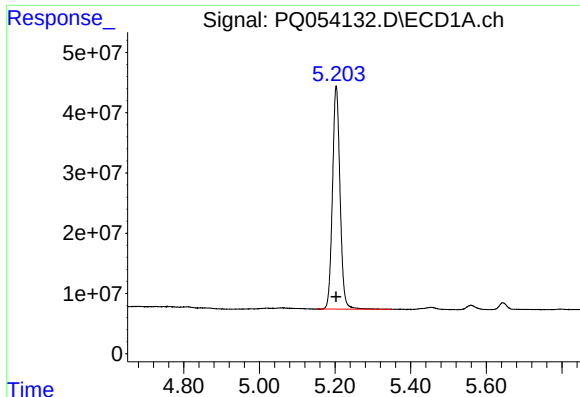
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072921\
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Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm

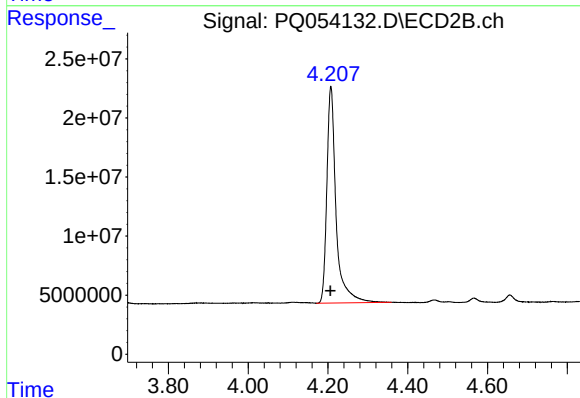




#1 Tetrachloro-m-xylene

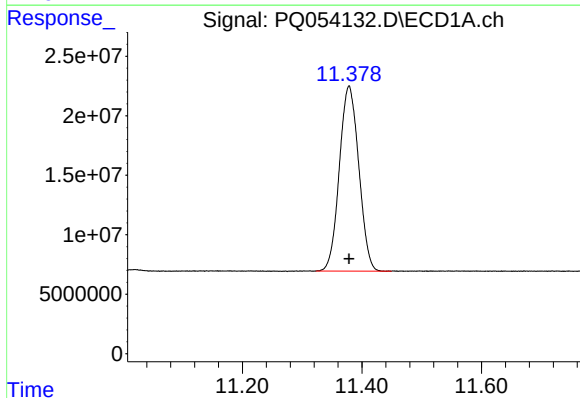
R.T.: 5.203 min
Delta R.T.: 0.000 min
Response: 514163548
Conc: 22.02 ng/ml

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



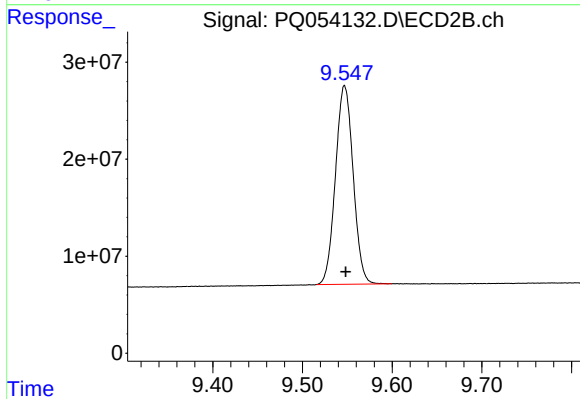
#1 Tetrachloro-m-xylene

R.T.: 4.207 min
Delta R.T.: 0.001 min
Response: 294697520
Conc: 20.85 ng/ml



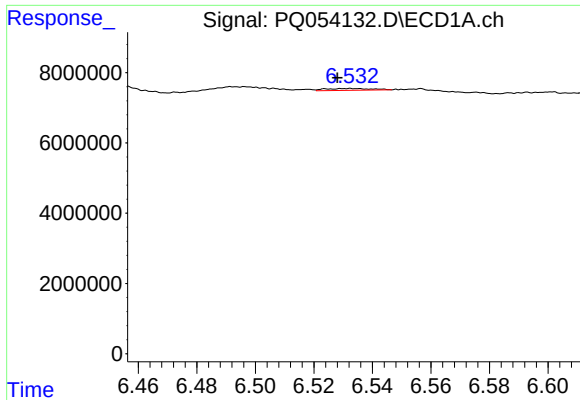
#2 Decachlorobiphenyl

R.T.: 11.378 min
Delta R.T.: 0.000 min
Response: 350534881
Conc: 20.83 ng/ml



#2 Decachlorobiphenyl

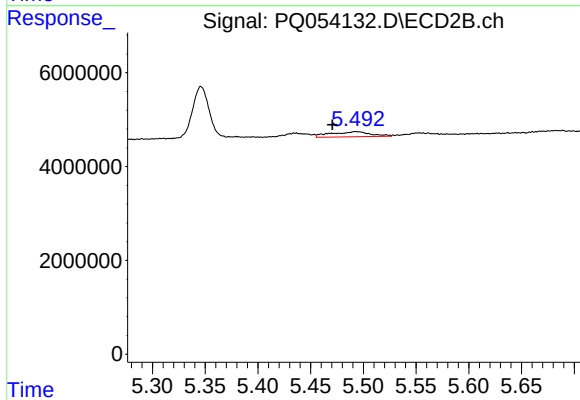
R.T.: 9.547 min
Delta R.T.: -0.001 min
Response: 280752224
Conc: 22.26 ng/ml



#3 AR-1016-1

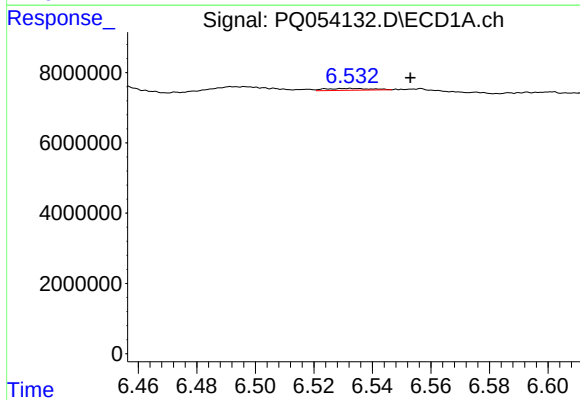
R.T.: 6.532 min
Delta R.T.: 0.004 min
Response: 574109
Conc: 0.78 ng/ml

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



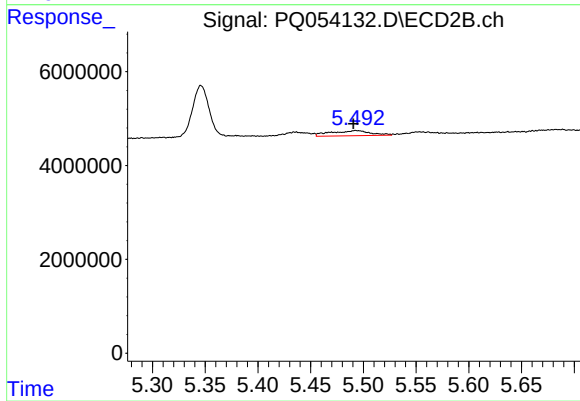
#3 AR-1016-1

R.T.: 5.493 min
Delta R.T.: 0.022 min
Response: 2854159
Conc: 6.30 ng/ml



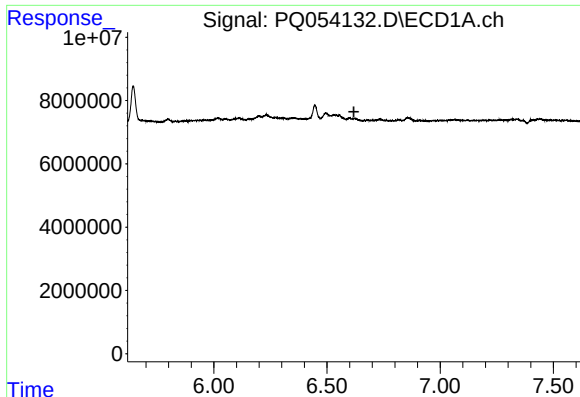
#4 AR-1016-2

R.T.: 6.532 min
Delta R.T.: -0.021 min
Response: 574109
Conc: 0.51 ng/ml



#4 AR-1016-2

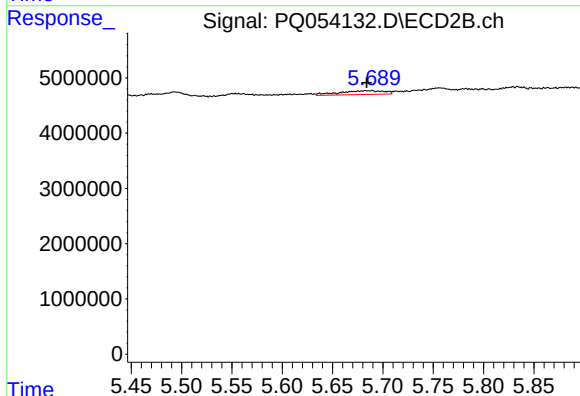
R.T.: 5.493 min
Delta R.T.: 0.002 min
Response: 2854159
Conc: 3.85 ng/ml



#5 AR-1016-3

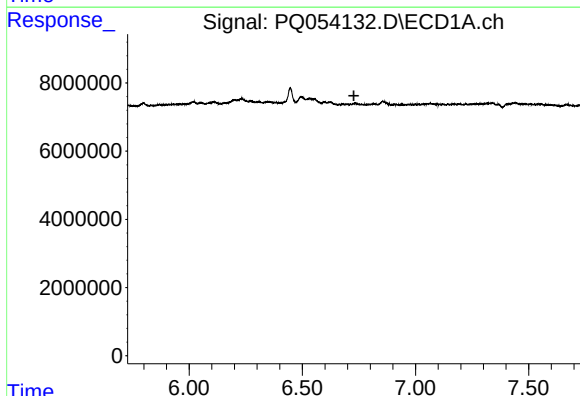
R.T.: 0.000 min
Exp R.T.: 6.619 min
Response: 0
Conc: N.D.

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



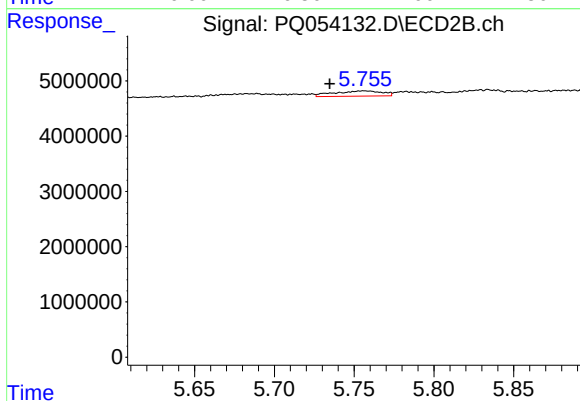
#5 AR-1016-3

R.T.: 5.689 min
Delta R.T.: 0.005 min
Response: 2147148
Conc: 5.96 ng/ml



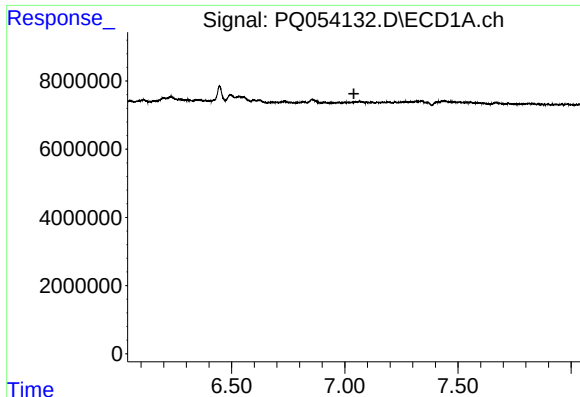
#6 AR-1016-4

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



#6 AR-1016-4

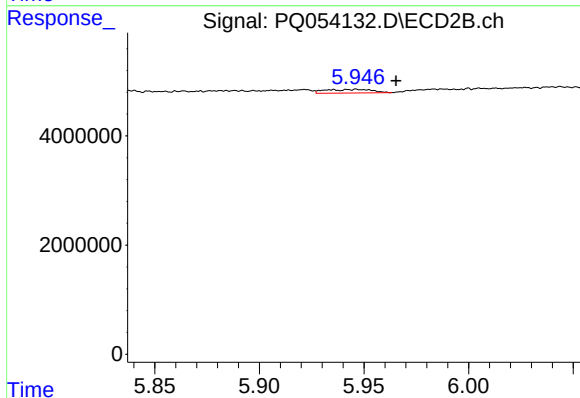
R.T.: 5.756 min
Delta R.T.: 0.022 min
Response: 1982272
Conc: 6.95 ng/ml



#7 AR-1016-5

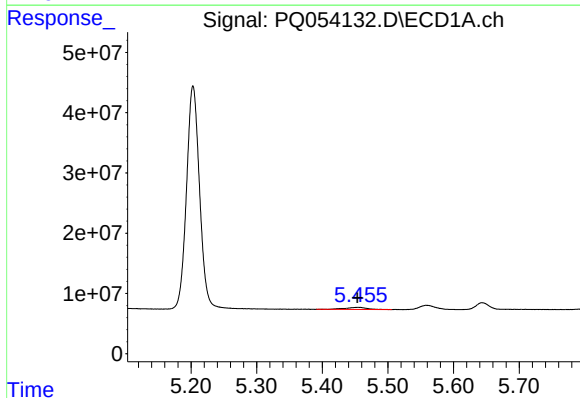
R.T.: 0.000 min
Exp R.T.: 7.040 min
Response: 0
Conc: N.D.

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



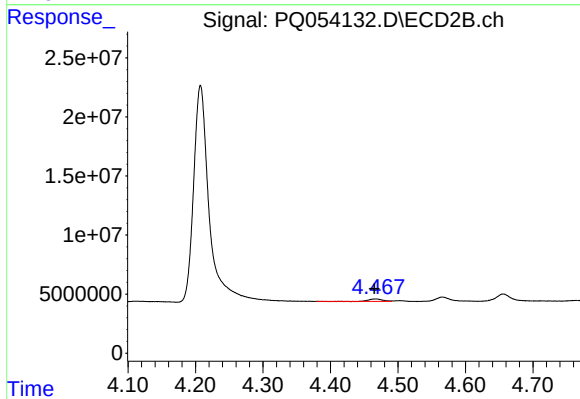
#7 AR-1016-5

R.T.: 5.947 min
Delta R.T.: -0.019 min
Response: 1010078
Conc: 2.77 ng/ml



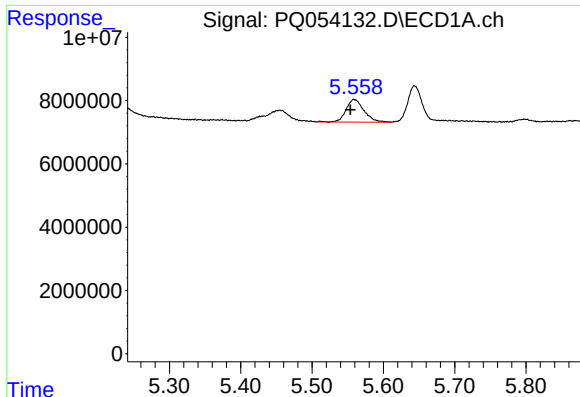
#8 AR-1221-1

R.T.: 5.455 min
Delta R.T.: 0.001 min
Response: 8100232
Conc: 33.48 ng/ml



#8 AR-1221-1

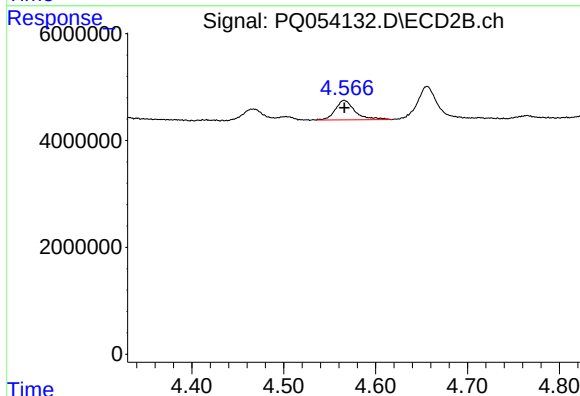
R.T.: 4.467 min
Delta R.T.: 0.002 min
Response: 2675243
Conc: 18.78 ng/ml



#9 AR-1221-2

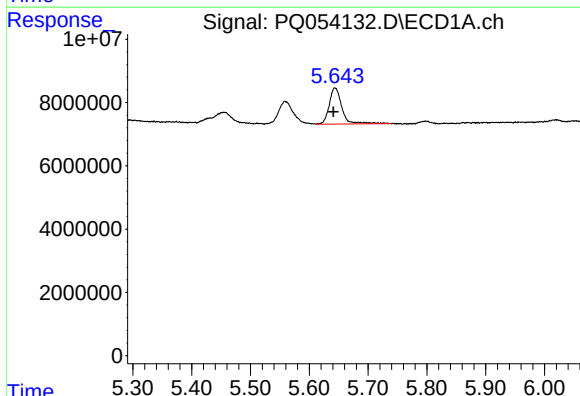
R.T.: 5.559 min
Delta R.T.: 0.005 min
Response: 12554110
Conc: 69.30 ng/ml

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



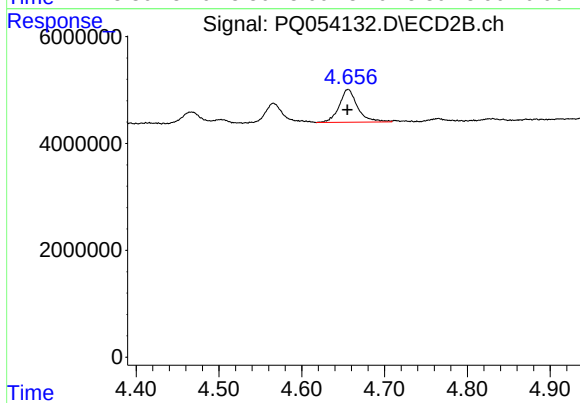
#9 AR-1221-2

R.T.: 4.566 min
Delta R.T.: 0.000 min
Response: 5417825
Conc: 51.36 ng/ml



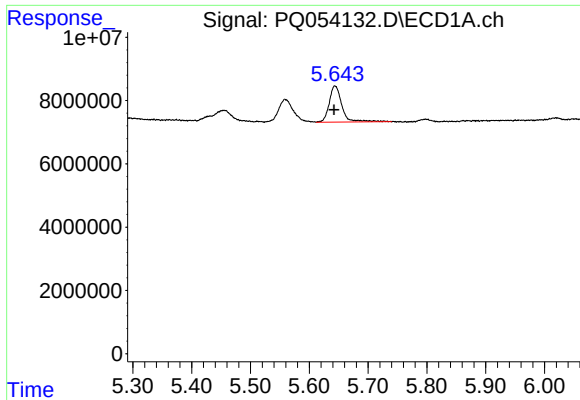
#10 AR-1221-3

R.T.: 5.644 min
Delta R.T.: 0.002 min
Response: 17168247
Conc: 30.00 ng/ml



#10 AR-1221-3

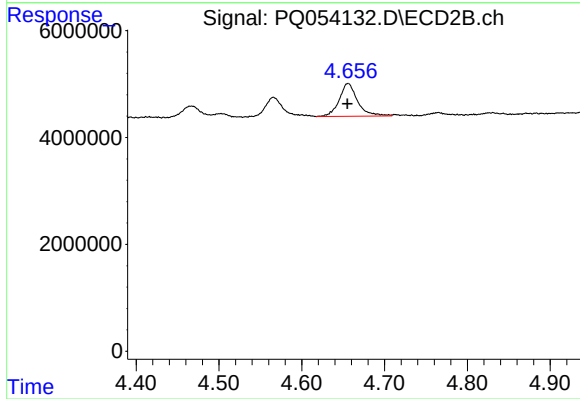
R.T.: 4.656 min
Delta R.T.: 0.000 min
Response: 9495219
Conc: 27.06 ng/ml



#11 AR-1232-1

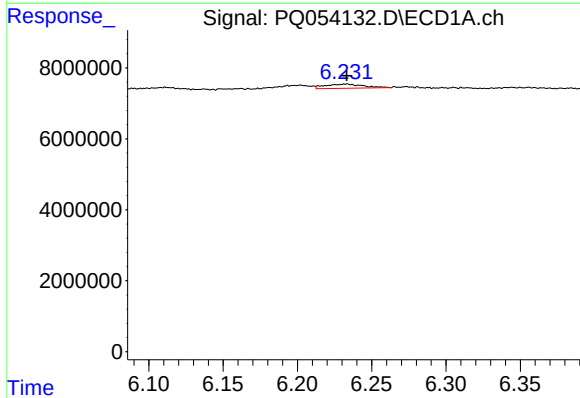
R.T.: 5.644 min
Delta R.T.: 0.002 min
Response: 17168247
Conc: 43.95 ng/ml

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



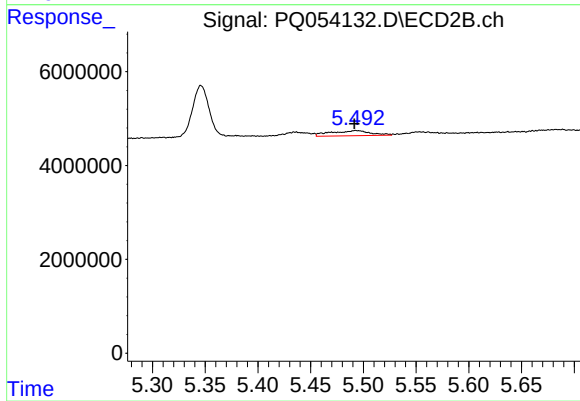
#11 AR-1232-1

R.T.: 4.656 min
Delta R.T.: 0.000 min
Response: 9495219
Conc: 40.68 ng/ml



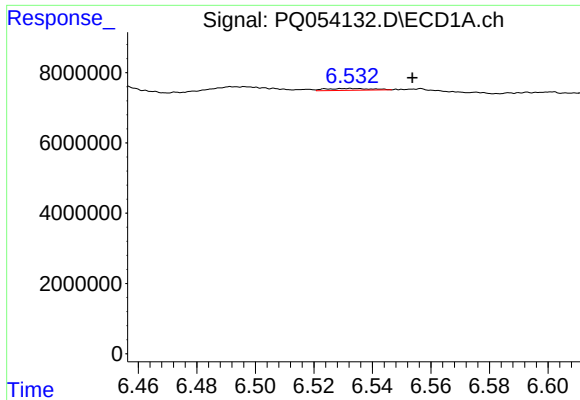
#12 AR-1232-2

R.T.: 6.233 min
Delta R.T.: 0.000 min
Response: 2098729
Conc: 9.03 ng/ml



#12 AR-1232-2

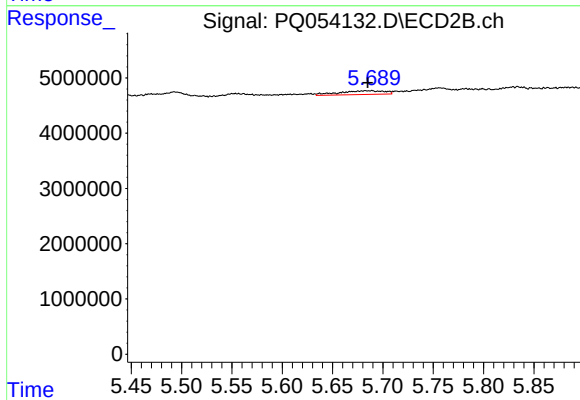
R.T.: 5.493 min
Delta R.T.: 0.001 min
Response: 2854159
Conc: 9.85 ng/ml



#13 AR-1232-3

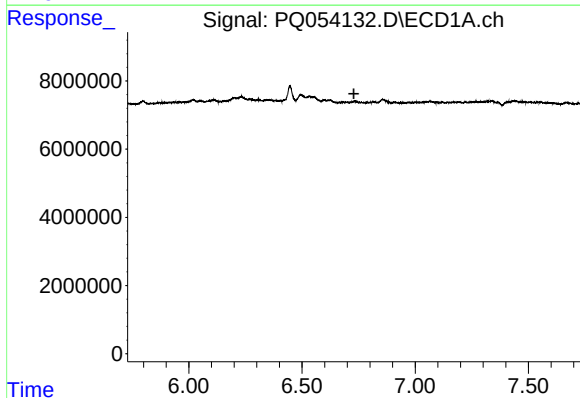
R.T.: 6.532 min
Delta R.T.: -0.021 min
Response: 574109
Conc: 1.34 ng/ml

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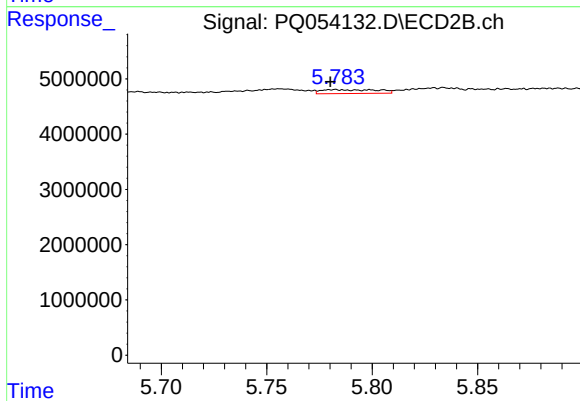
#13 AR-1232-3

R.T.: 5.689 min
Delta R.T.: 0.004 min
Response: 2147148
Conc: 16.18 ng/ml



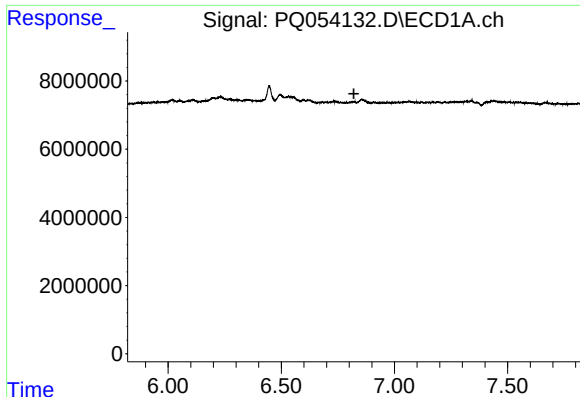
#14 AR-1232-4

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



#14 AR-1232-4

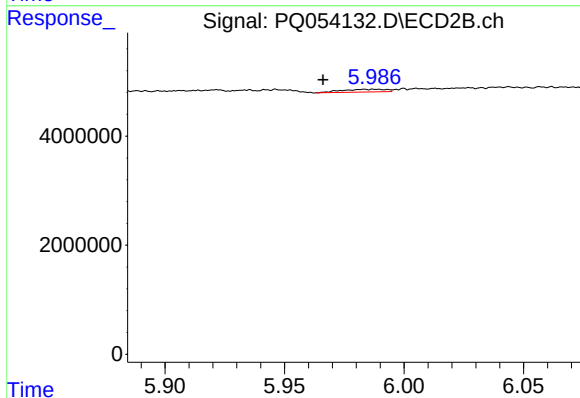
R.T.: 5.782 min
Delta R.T.: 0.002 min
Response: 1278374
Conc: 11.20 ng/ml



#15 AR-1232-5

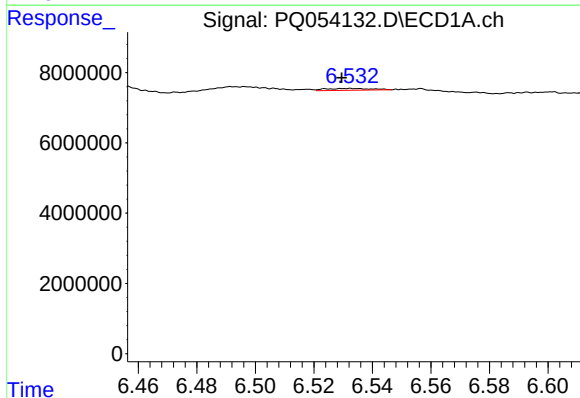
R.T.: 0.000 min
Exp R.T.: 6.821 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
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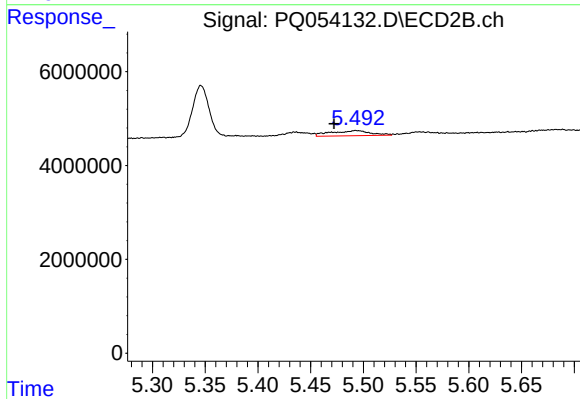
#15 AR-1232-5

R.T.: 5.984 min
Delta R.T.: 0.018 min
Response: 638857
Conc: 4.97 ng/ml



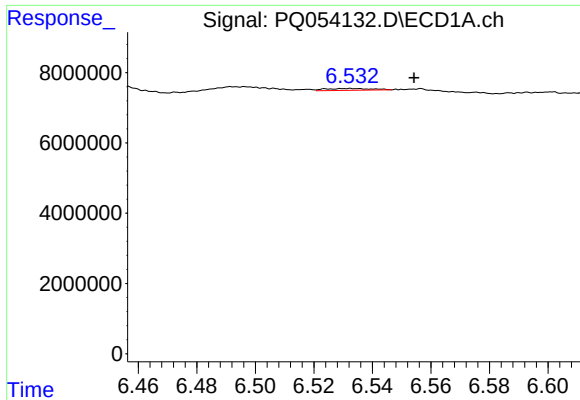
#16 AR-1242-1

R.T.: 6.532 min
Delta R.T.: 0.003 min
Response: 574109
Conc: 1.25 ng/ml



#16 AR-1242-1

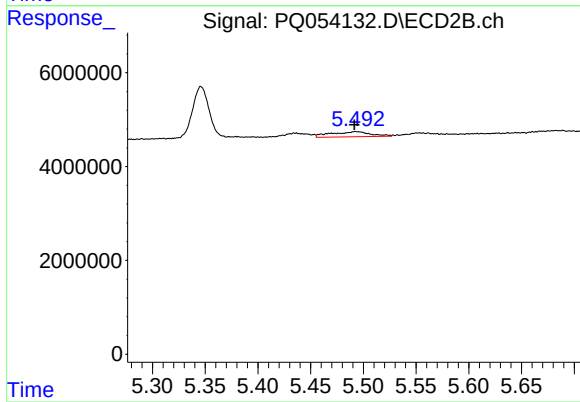
R.T.: 5.493 min
Delta R.T.: 0.021 min
Response: 2854159
Conc: 10.50 ng/ml



#17 AR-1242-2

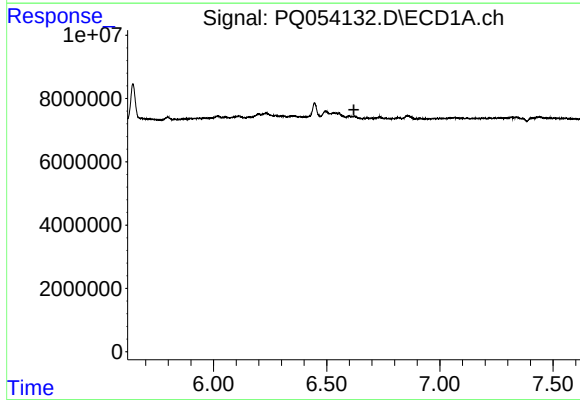
R.T.: 6.532 min
Delta R.T.: -0.022 min
Response: 574109
Conc: 0.81 ng/ml

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



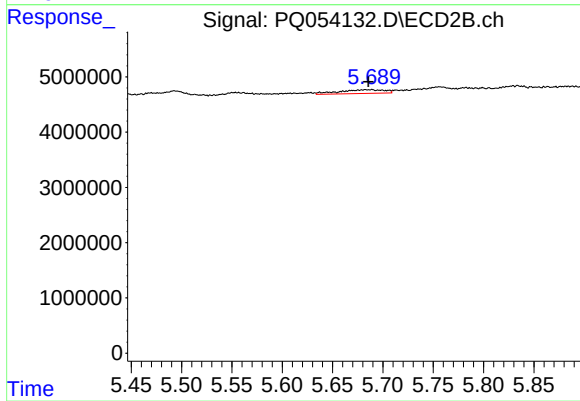
#17 AR-1242-2

R.T.: 5.493 min
Delta R.T.: 0.001 min
Response: 2854159
Conc: 6.06 ng/ml



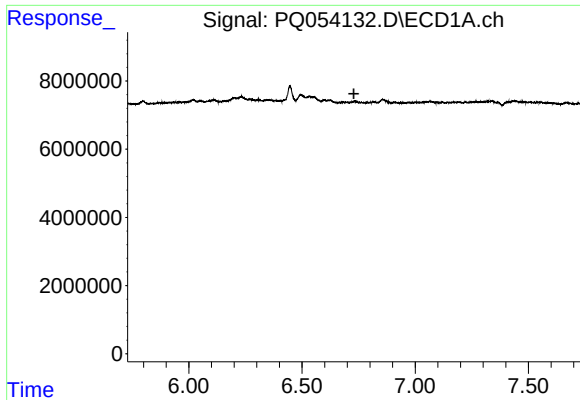
#18 AR-1242-3

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



#18 AR-1242-3

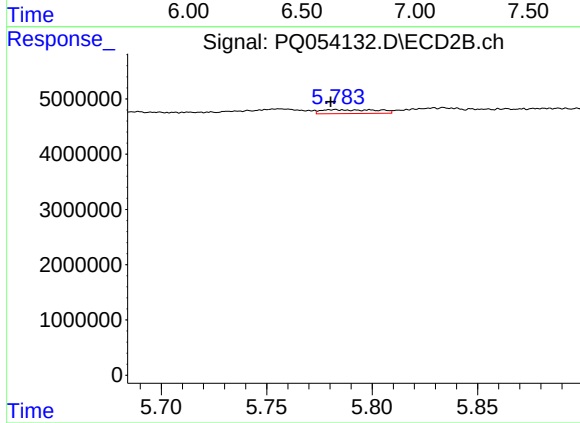
R.T.: 5.689 min
Delta R.T.: 0.003 min
Response: 2147148
Conc: 9.73 ng/ml



#19 AR-1242-4

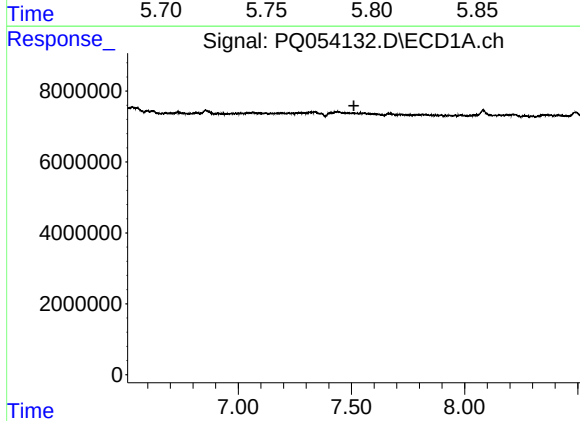
R.T.: 0.000 min
Exp R.T.: 6.729 min
Response: 0
Conc: N.D.

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



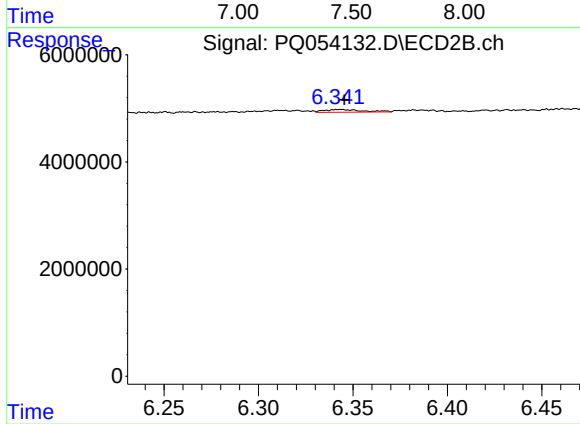
#19 AR-1242-4

R.T.: 5.782 min
Delta R.T.: 0.002 min
Response: 1278374
Conc: 5.91 ng/ml



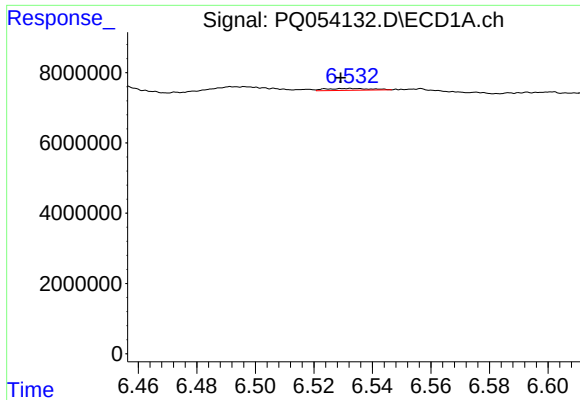
#20 AR-1242-5

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



#20 AR-1242-5

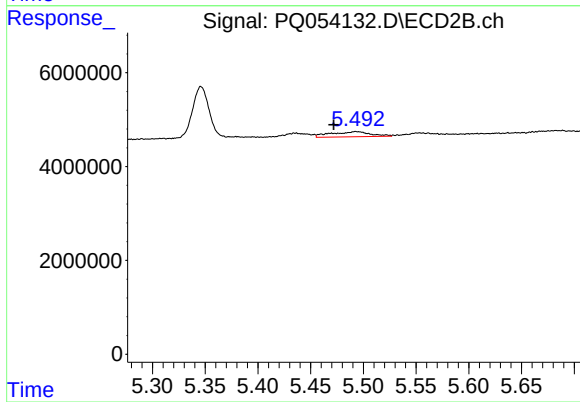
R.T.: 6.343 min
Delta R.T.: -0.002 min
Response: 714773
Conc: 2.41 ng/ml



#21 AR-1248-1

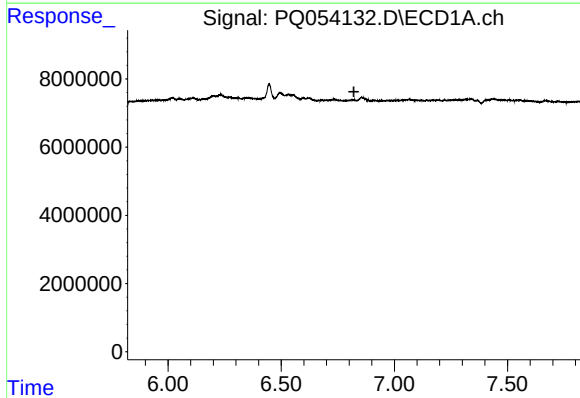
R.T.: 6.532 min
Delta R.T.: 0.003 min
Response: 574109
Conc: 1.55 ng/ml

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



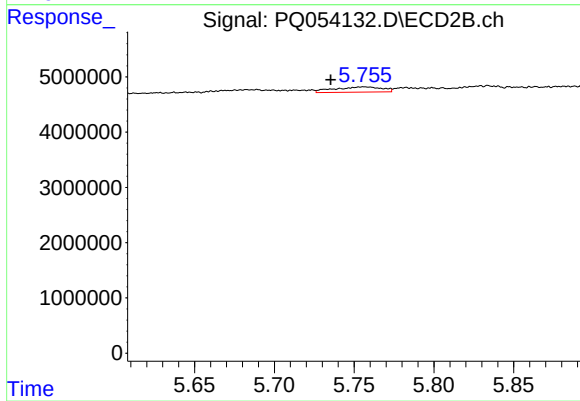
#21 AR-1248-1

R.T.: 5.493 min
Delta R.T.: 0.021 min
Response: 2854159
Conc: 12.65 ng/ml



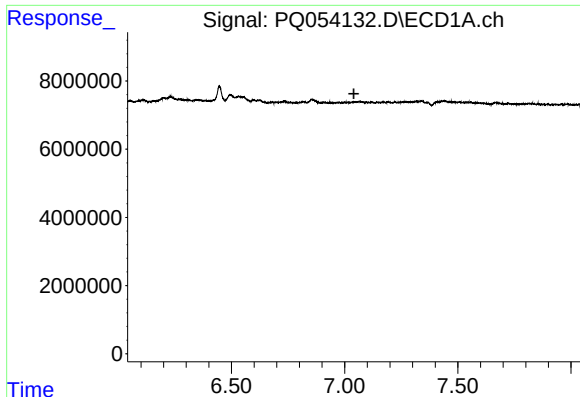
#22 AR-1248-2

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



#22 AR-1248-2

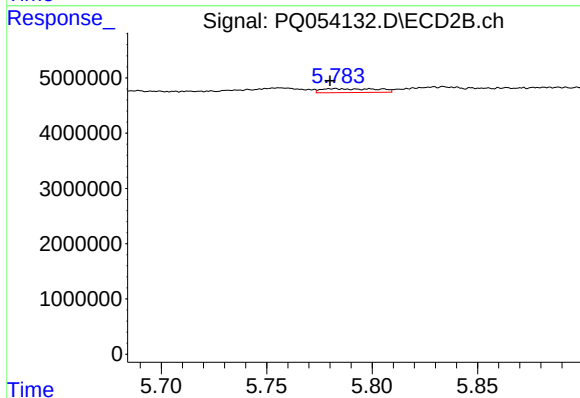
R.T.: 5.756 min
Delta R.T.: 0.021 min
Response: 1982272
Conc: 6.04 ng/ml



#23 AR-1248-3

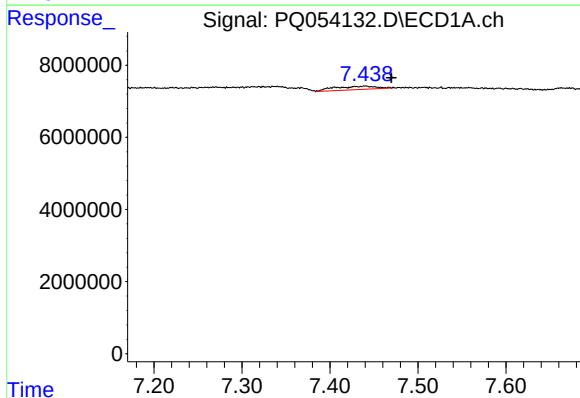
R.T.: 0.000 min
Exp R.T.: 7.041 min
Response: 0
Conc: N.D.

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



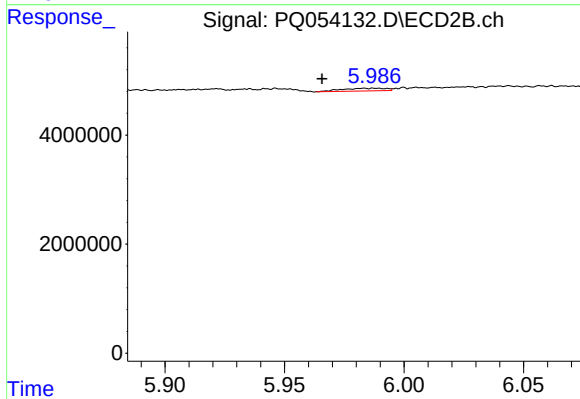
#23 AR-1248-3

R.T.: 5.782 min
Delta R.T.: 0.002 min
Response: 1278374
Conc: 3.87 ng/ml



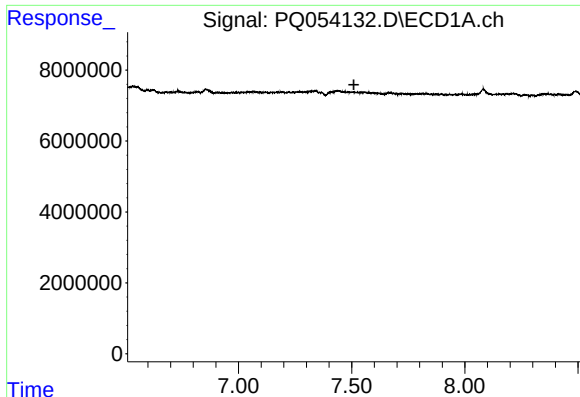
#24 AR-1248-4

R.T.: 7.440 min
Delta R.T.: -0.029 min
Response: 3195130
Conc: 4.81 ng/ml



#24 AR-1248-4

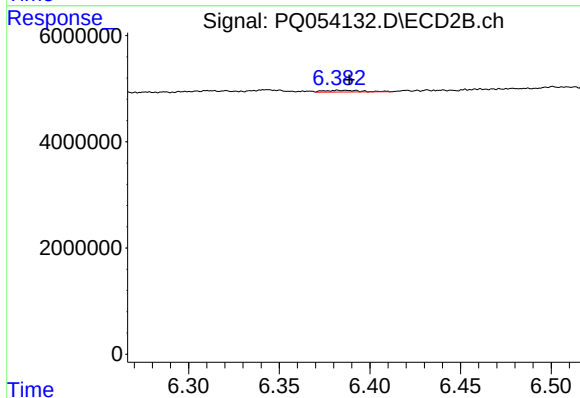
R.T.: 5.984 min
Delta R.T.: 0.018 min
Response: 638857
Conc: 1.61 ng/ml



#25 AR-1248-5

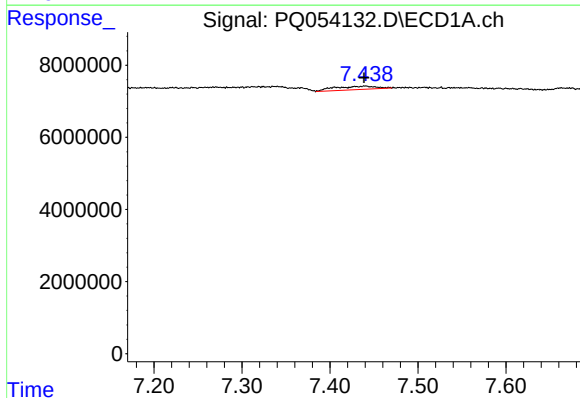
R.T.: 0.000 min
Exp R.T.: 7.510 min
Response: 0
Conc: N.D.

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



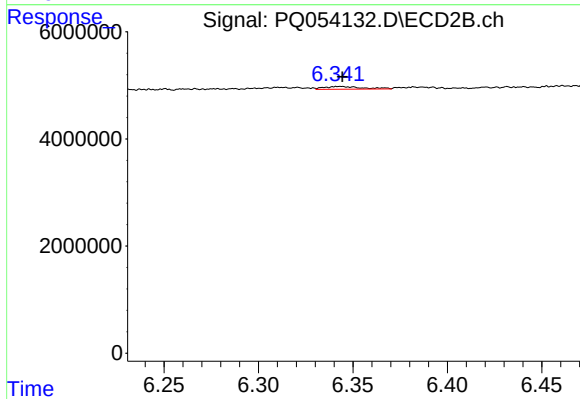
#25 AR-1248-5

R.T.: 6.385 min
Delta R.T.: -0.004 min
Response: 448013
Conc: 1.12 ng/ml



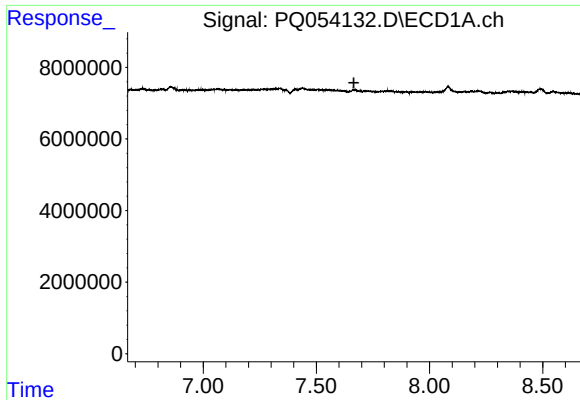
#26 AR-1254-1

R.T.: 7.440 min
Delta R.T.: 0.002 min
Response: 3195130
Conc: 4.52 ng/ml



#26 AR-1254-1

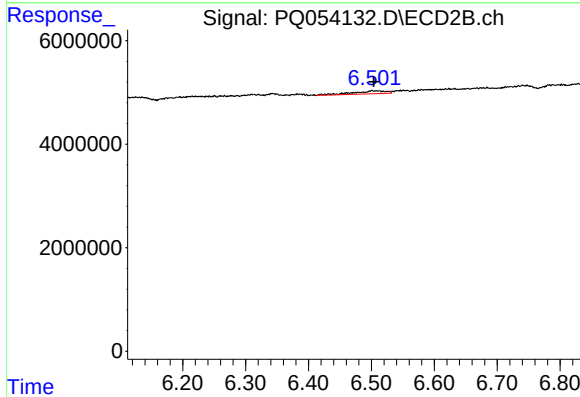
R.T.: 6.343 min
Delta R.T.: -0.001 min
Response: 714773
Conc: 1.07 ng/ml



#27 AR-1254-2

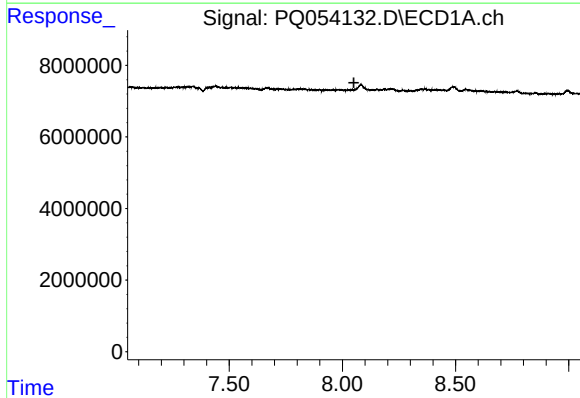
R.T.: 0.000 min
Exp R.T.: 7.666 min
Response: 0
Conc: N.D.

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



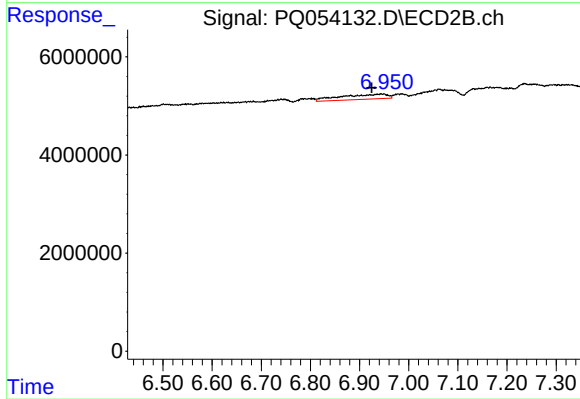
#27 AR-1254-2

R.T.: 6.508 min
Delta R.T.: 0.005 min
Response: 2125057
Conc: 3.46 ng/ml



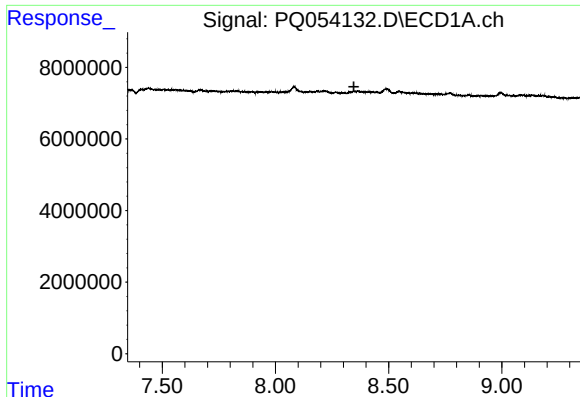
#28 AR-1254-3

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



#28 AR-1254-3

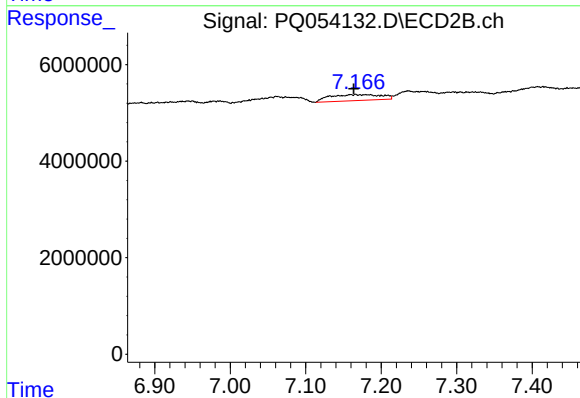
R.T.: 6.946 min
Delta R.T.: 0.021 min
Response: 6800000
Conc: 7.04 ng/ml



#29 AR-1254-4

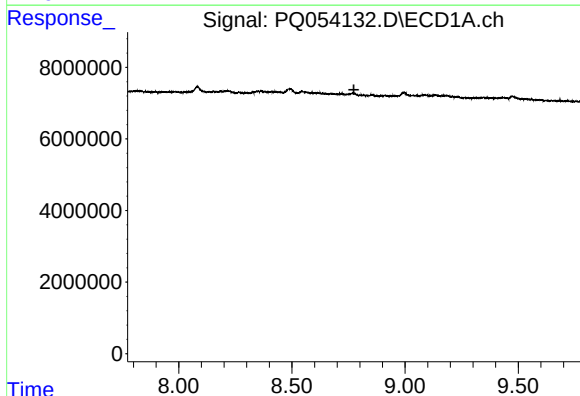
R.T.: 0.000 min
Exp R.T.: 8.346 min
Response: 0
Conc: N.D.

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



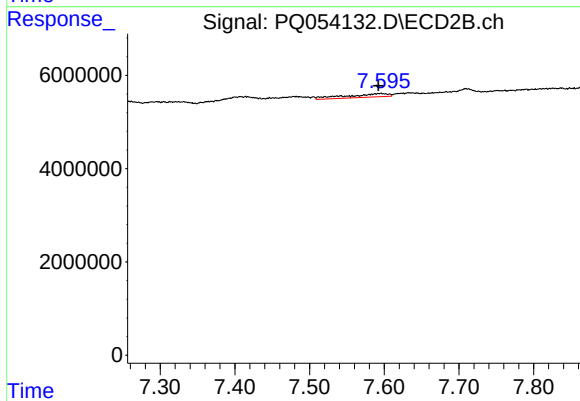
#29 AR-1254-4

R.T.: 7.166 min
Delta R.T.: 0.002 min
Response: 5825162
Conc: 8.74 ng/ml



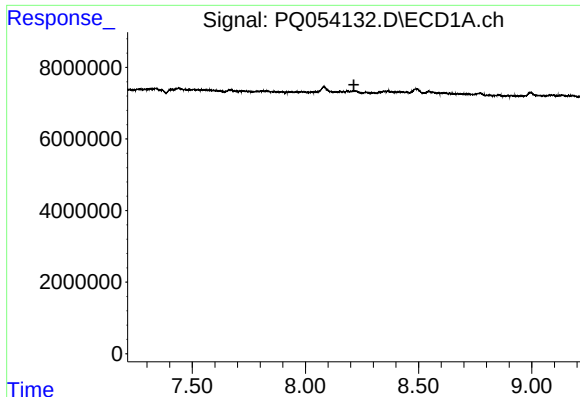
#30 AR-1254-5

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



#30 AR-1254-5

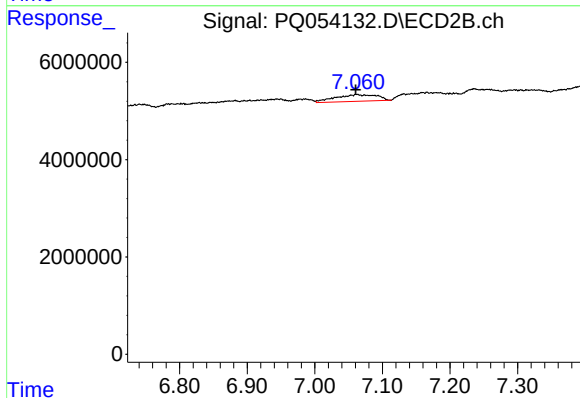
R.T.: 7.595 min
Delta R.T.: 0.003 min
Response: 2922572
Conc: 3.00 ng/ml



#31 AR-1260-1

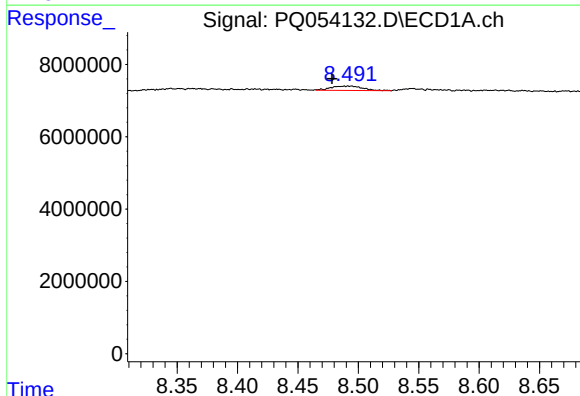
R.T.: 0.000 min
Exp R.T.: 8.214 min
Response: 0
Conc: N.D.

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



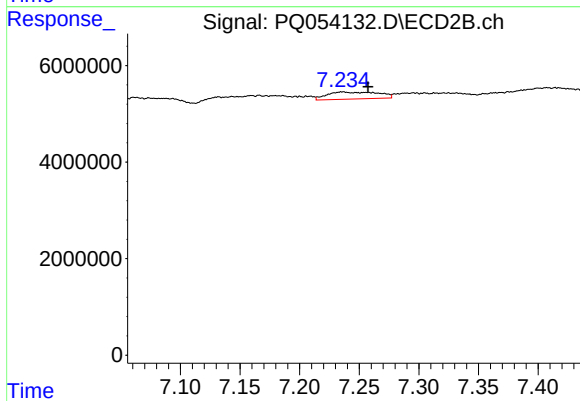
#31 AR-1260-1

R.T.: 7.063 min
Delta R.T.: 0.002 min
Response: 5855064
Conc: 7.81 ng/ml



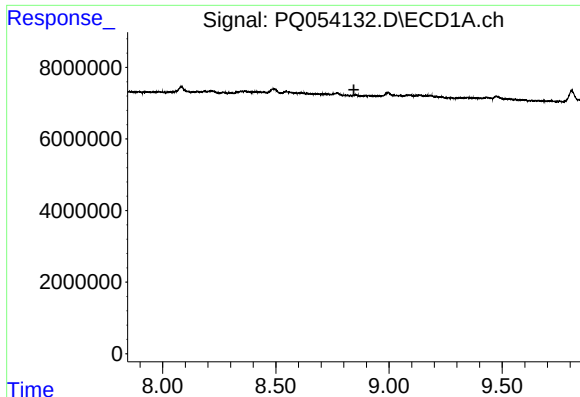
#32 AR-1260-2

R.T.: 8.493 min
Delta R.T.: 0.015 min
Response: 2197860
Conc: 1.94 ng/ml



#32 AR-1260-2

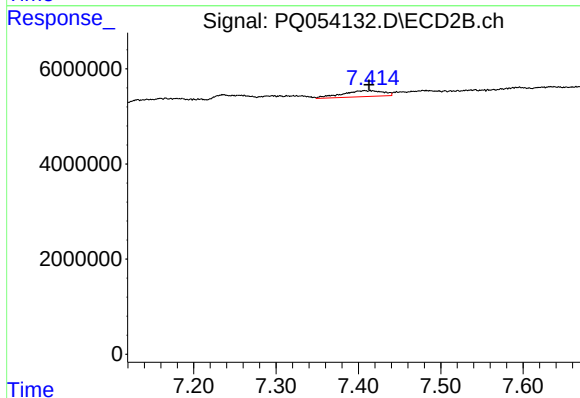
R.T.: 7.236 min
Delta R.T.: -0.021 min
Response: 4334289
Conc: 4.15 ng/ml



#33 AR-1260-3

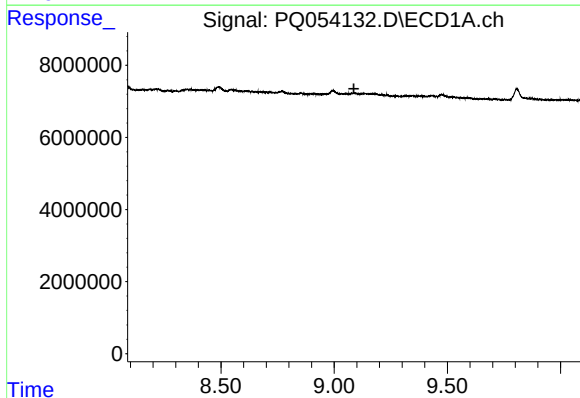
R.T.: 0.000 min
Exp R.T.: 8.845 min
Response: 0
Conc: N.D.

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



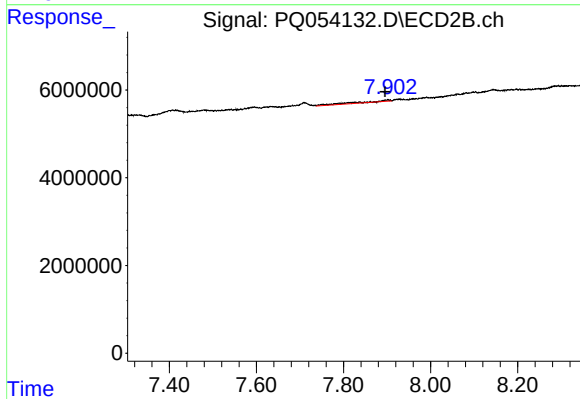
#33 AR-1260-3

R.T.: 7.414 min
Delta R.T.: 0.000 min
Response: 4355822
Conc: 5.01 ng/ml



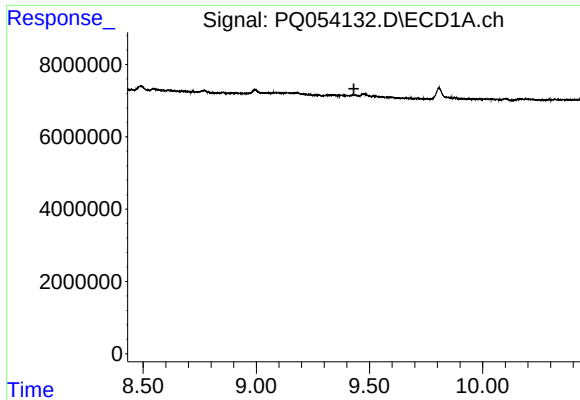
#34 AR-1260-4

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



#34 AR-1260-4

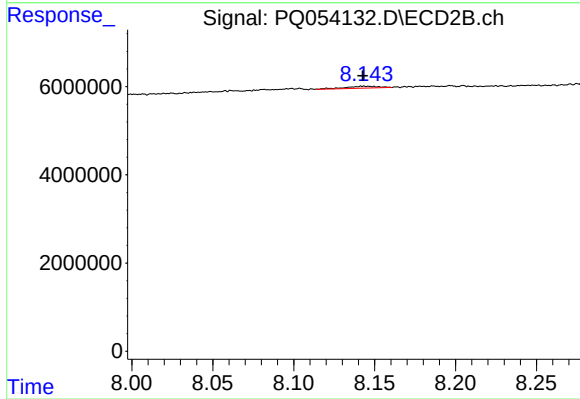
R.T.: 7.902 min
Delta R.T.: 0.006 min
Response: 1772564
Conc: 2.85 ng/ml



#35 AR-1260-5

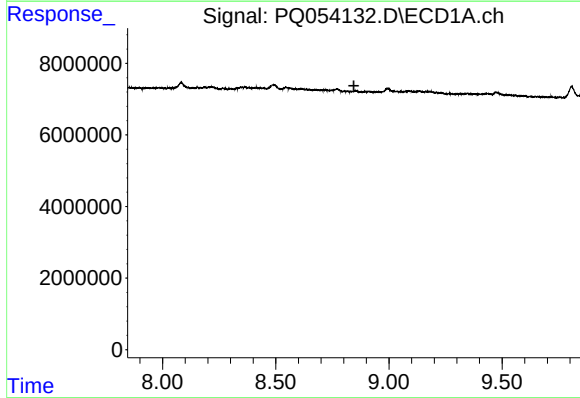
R.T.: 0.000 min
Exp R.T.: 9.431 min
Response: 0
Conc: N.D.

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



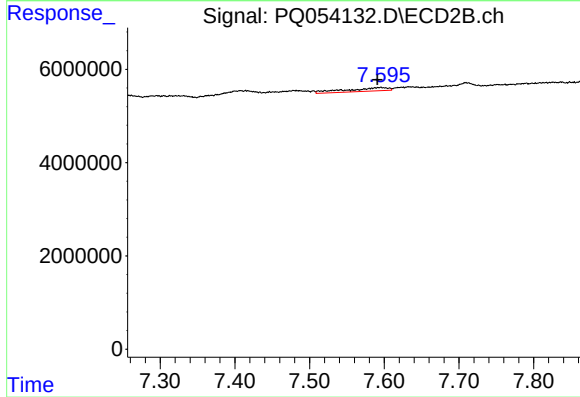
#35 AR-1260-5

R.T.: 8.144 min
Delta R.T.: 0.002 min
Response: 608642
Conc: 0.36 ng/ml



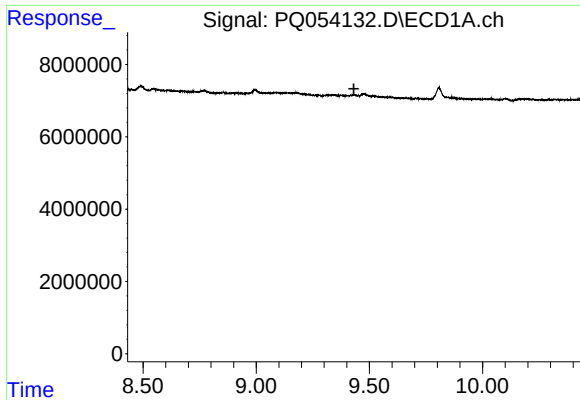
#36 AR-1262-1

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



#36 AR-1262-1

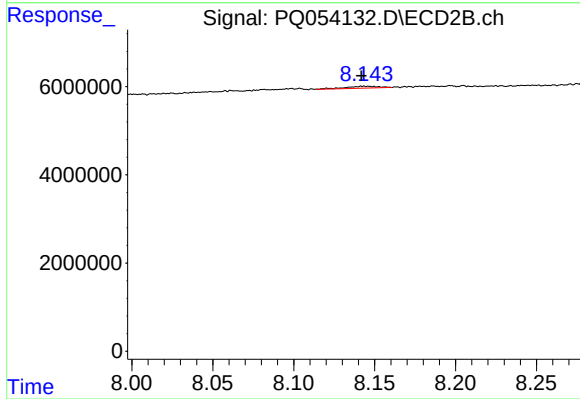
R.T.: 7.595 min
Delta R.T.: 0.004 min
Response: 2922572
Conc: 6.47 ng/ml



#37 AR-1262-2

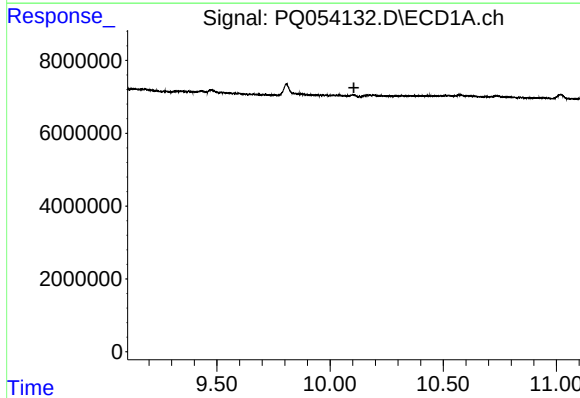
R.T.: 0.000 min
Exp R.T.: 9.432 min
Response: 0
Conc: N.D.

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



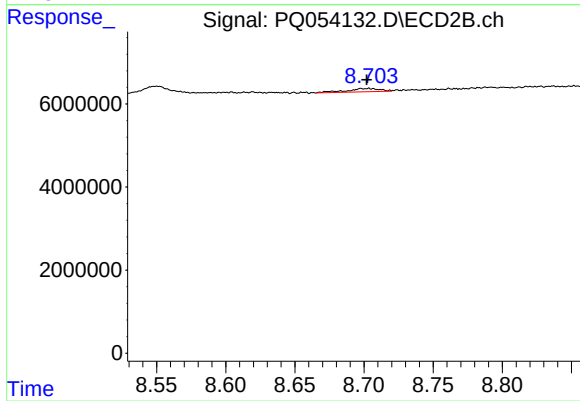
#37 AR-1262-2

R.T.: 8.144 min
Delta R.T.: 0.002 min
Response: 608642
Conc: 0.32 ng/ml



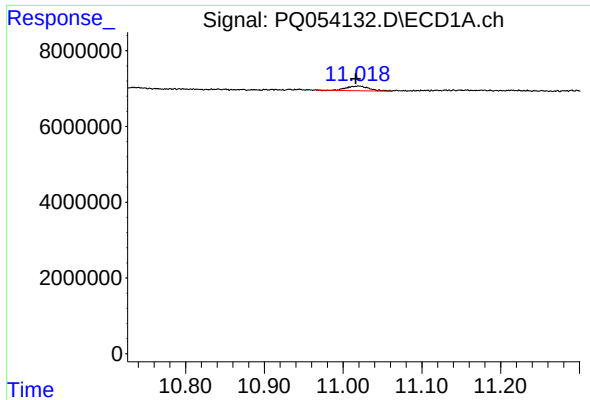
#43 AR-1268-3

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



#43 AR-1268-3

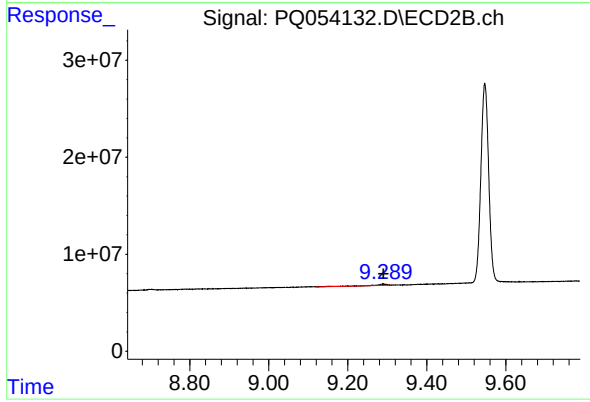
R.T.: 8.702 min
Delta R.T.: 0.000 min
Response: 1323862
Conc: 0.79 ng/ml



#45 AR-1268-5

R.T.: 11.020 min
Delta R.T.: 0.004 min
Response: 2519485
Conc: 0.46 ng/ml

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



#45 AR-1268-5

R.T.: 9.290 min
Delta R.T.: 0.000 min
Response: 2716259
Conc: 0.58 ng/ml