

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ041719\
 Data File : PQ039110.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Apr 2019 11:45
 Operator : AJ\SJ
 Sample : K1560-03
 Misc : AR1221 MDL 25 PPB
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 MDL-MDL-SOIL-03-QT1-2019

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 18 01:40:37 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ041219.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Apr 13 00:36:36 2019
 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...	5.730	4.811	71172184	35209442	16.059	15.790
2)	SA Decachlor...	12.144	10.581	105.7E6	52046983	15.227	14.916
Target Compounds							
3)	L1 AR-1016-1	0.000	6.288	0	320506	N.D.	3.156 #
4)	L1 AR-1016-2	0.000	6.288	0	320506	N.D.	2.164 #
5)	L1 AR-1016-3	0.000	6.498	0	2277715	N.D.	30.527 #
6)	L1 AR-1016-4	0.000	6.542	0	2325058	N.D.	37.292 #
8)	L2 AR-1221-1	6.011	5.119	915459	668668	20.962	28.146 #
9)	L2 AR-1221-2	6.121	5.235	1661786	1318624	48.953	63.235 #
10)	L2 AR-1221-3	6.214	5.339	2623813	894891	23.897	14.585 #
11)	L3 AR-1232-1	6.214	5.339	2623813	894891	32.988	23.599 #
12)	L3 AR-1232-2	0.000	6.288	0	320506	N.D.	6.896 #
13)	L3 AR-1232-3	0.000	6.498	0	2277715	N.D.	107.386 #
14)	L3 AR-1232-4	0.000	6.601	0	2086952	N.D.	99.128 #
16)	L4 AR-1242-1	0.000	6.288	0	320506	N.D.	5.460 #
17)	L4 AR-1242-2	0.000	6.288	0	320506	N.D.	3.729 #
18)	L4 AR-1242-3	0.000	6.498	0	2277715	N.D.	53.947 #
19)	L4 AR-1242-4	0.000	6.601	0	2086952	N.D.	46.598 #
20)	L4 AR-1242-5	0.000	7.203	0	1574744	N.D.	24.284 #
21)	L5 AR-1248-1	0.000	6.288	0	320506	N.D.	7.192 #
22)	L5 AR-1248-2	0.000	6.542	0	2325058	N.D.	38.942 #
23)	L5 AR-1248-3	0.000	6.601	0	2086952	N.D.	32.601 #
25)	L5 AR-1248-5	0.000	7.203	0	1574744	N.D.	18.903 #
26)	L6 AR-1254-1	0.000	7.203	0	1574744	N.D.	11.020 #
29)	L6 AR-1254-4	0.000	8.112	0	8181995	N.D.	58.327 #
30)	L6 AR-1254-5	0.000	8.504	0	12684429	N.D.	61.482 #
31)	L7 AR-1260-1	8.971	7.998	2123111	19598279	7.595	106.348 #
32)	L7 AR-1260-2	9.198	8.175	11119257	6886771	33.241	31.222
33)	L7 AR-1260-3	0.000	8.335	0	9865252	N.D.	48.416 #
35)	L7 AR-1260-5	10.230	9.026	2316726	10941971	3.483	24.490 #
36)	L8 AR-1262-1	0.000	8.504	0	12684429	N.D.	56.989 #
37)	L8 AR-1262-2	10.230	9.026	2316726	10941971	3.654	25.339 #
38)	L8 AR-1262-3	10.490	0.000	646390	0	1.461	N.D. #
39)	L8 AR-1262-4	0.000	9.492	0	10197364	N.D.	30.395 #
41)	L9 AR-1268-1	10.490	0.000	646390	0	0.800	N.D. #
42)	L9 AR-1268-2	0.000	9.492	0	10197364	N.D.	20.672 #
43)	L9 AR-1268-3	10.863	9.666	1039649	5022875	1.577	12.604 #
45)	L9 AR-1268-5	11.777	10.300	936544	673427	0.411	0.528 #

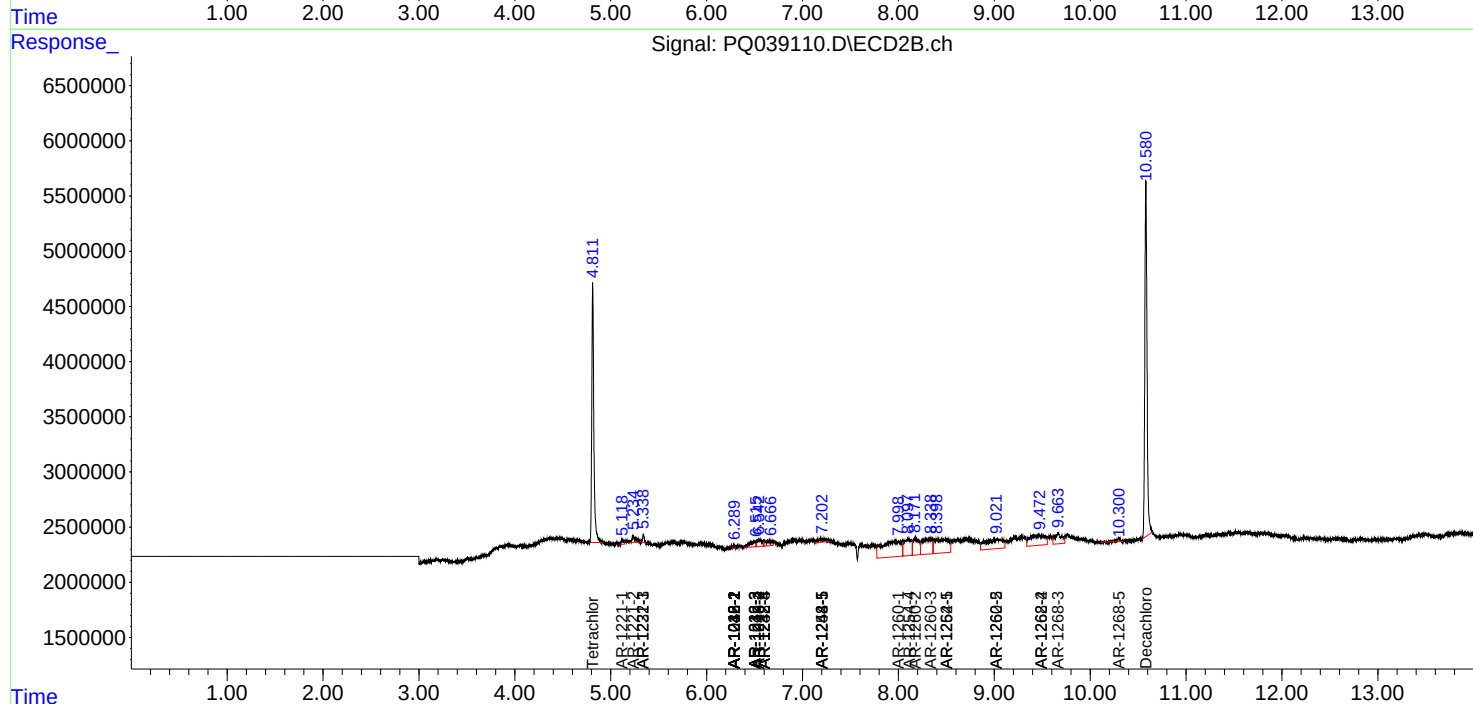
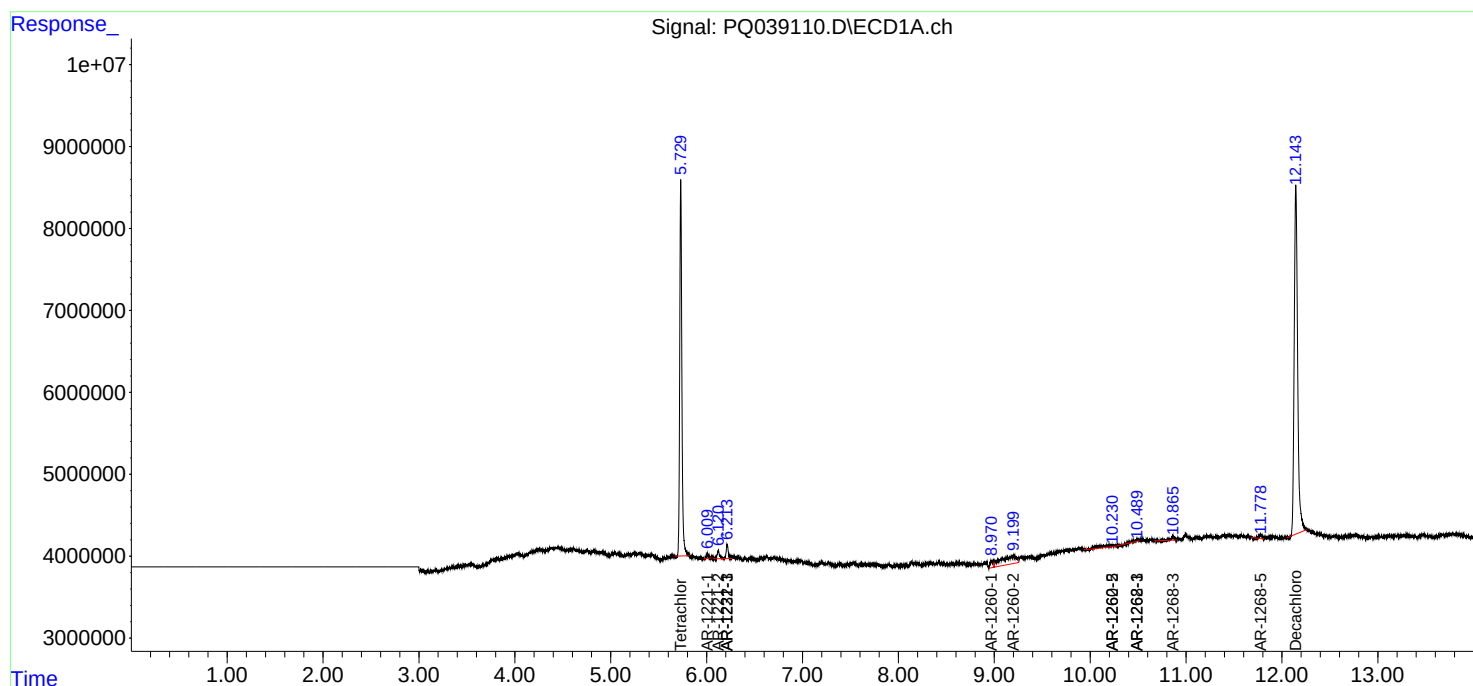
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

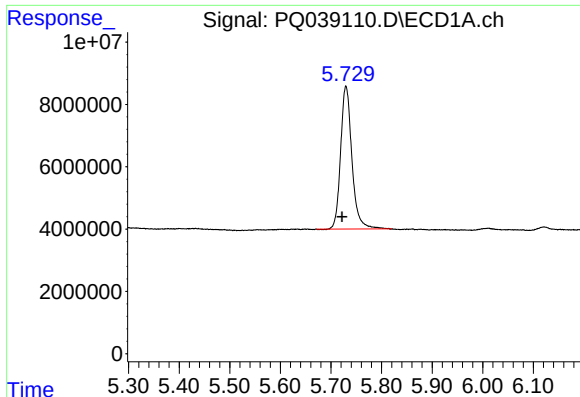
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ041719\
Data File : PQ039110.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Apr 2019 11:45
Operator : AJ\SJ
Sample : K1560-03
Misc : AR1221 MDL 25 PPB
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
MDL-MDL-SOIL-03-QT1-2019

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 18 01:40:37 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ041219.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Apr 13 00:36:36 2019
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

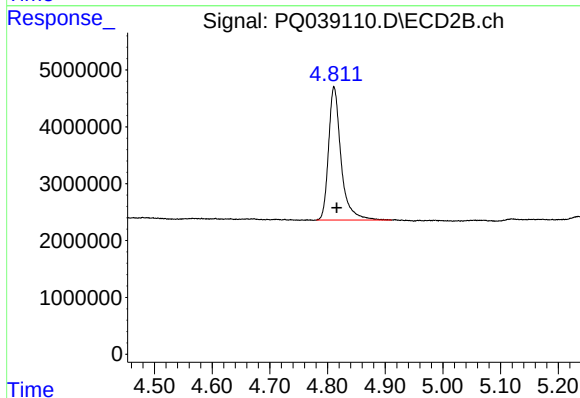




#1 Tetrachloro-m-xylene

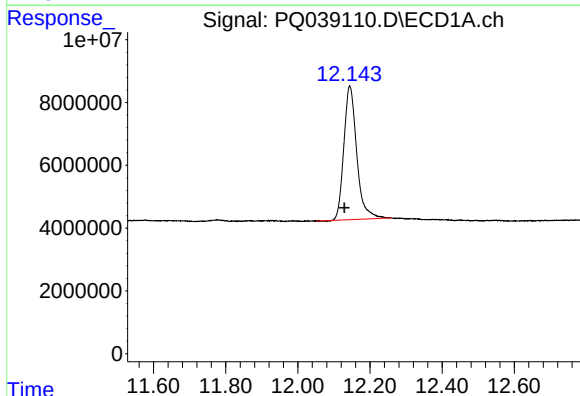
R.T.: 5.730 min
Delta R.T.: 0.008 min
Response: 71172184
Conc: 16.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-MDL-SOIL-03-QT1-2019



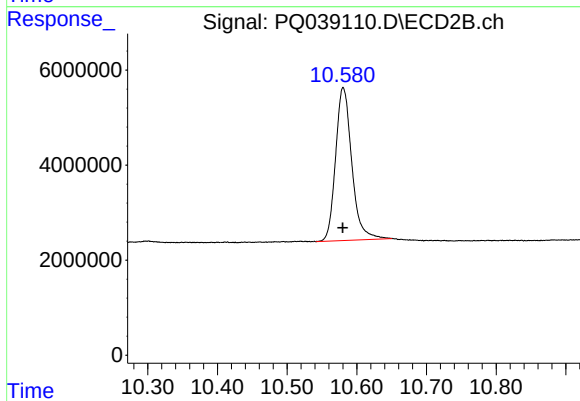
#1 Tetrachloro-m-xylene

R.T.: 4.811 min
Delta R.T.: -0.005 min
Response: 35209442
Conc: 15.79 ng/ml



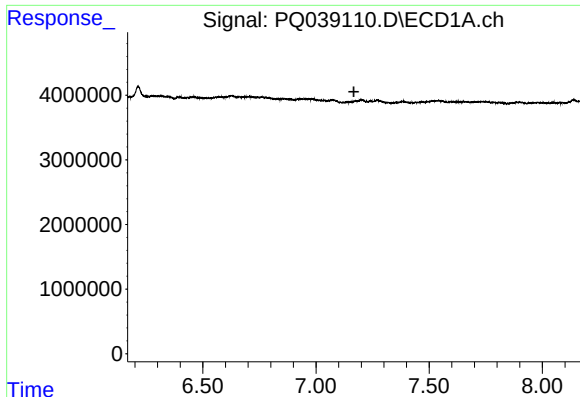
#2 Decachlorobiphenyl

R.T.: 12.144 min
Delta R.T.: 0.015 min
Response: 105657610
Conc: 15.23 ng/ml



#2 Decachlorobiphenyl

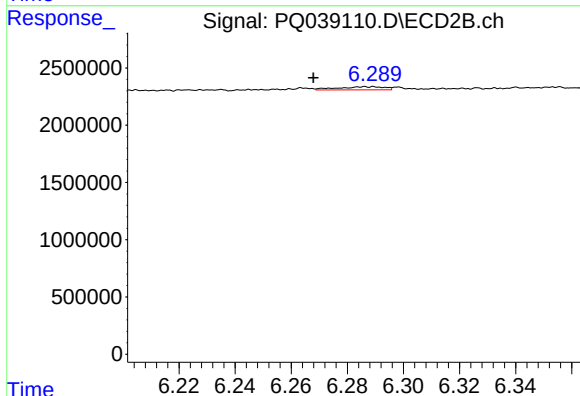
R.T.: 10.581 min
Delta R.T.: 0.001 min
Response: 52046983
Conc: 14.92 ng/ml



#3 AR-1016-1

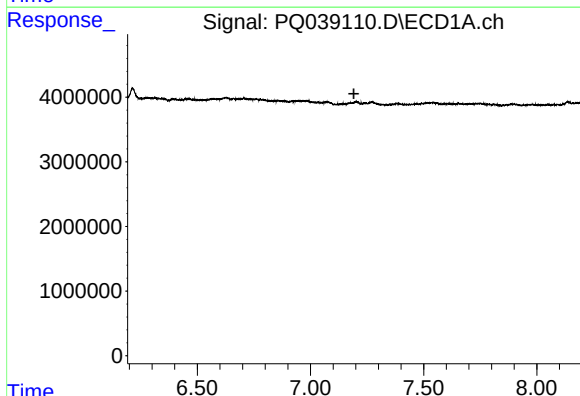
R.T.: 0.000 min
Exp R.T. : 7.167 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
MDL-MDL-SOIL-03-QT1-2019



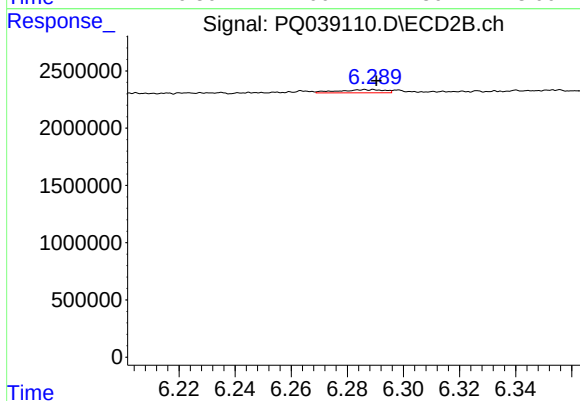
#3 AR-1016-1

R.T.: 6.288 min
Delta R.T.: 0.021 min
Response: 320506
Conc: 3.16 ng/ml



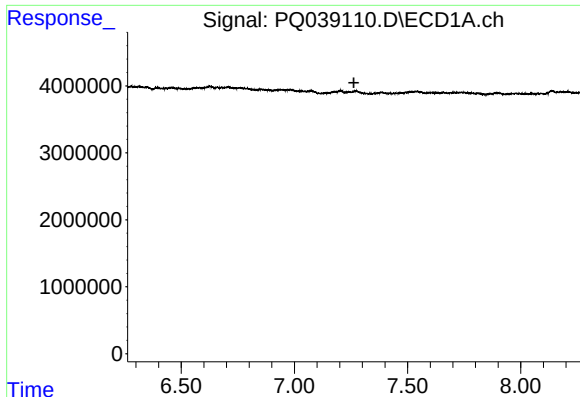
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T. : 7.192 min
Response: 0
Conc: N.D.



#4 AR-1016-2

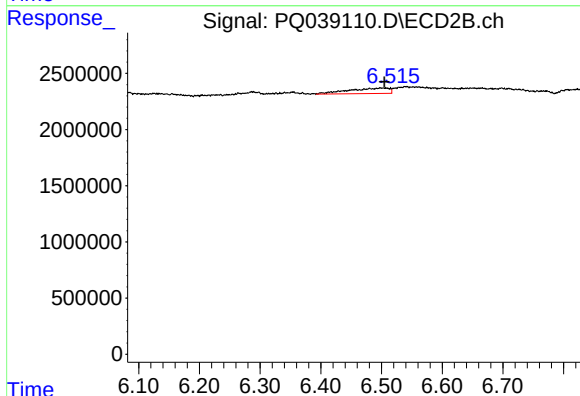
R.T.: 6.288 min
Delta R.T.: -0.002 min
Response: 320506
Conc: 2.16 ng/ml



#5 AR-1016-3

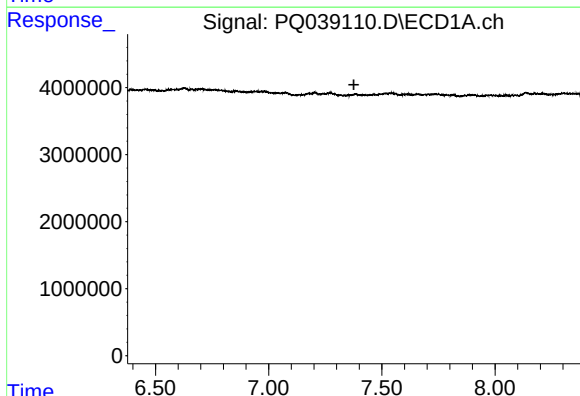
R.T.: 0.000 min
Exp R.T.: 7.263 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
MDL-MDL-SOIL-03-QT1-2019



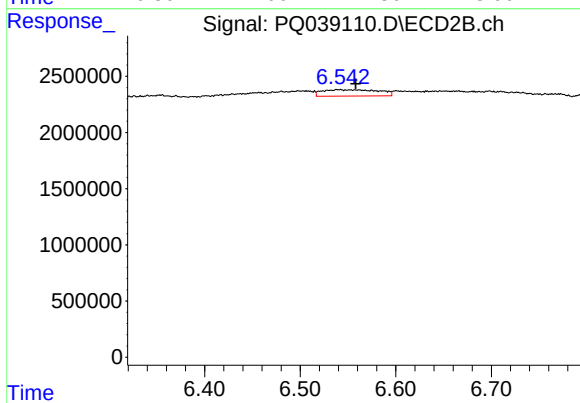
#5 AR-1016-3

R.T.: 6.498 min
Delta R.T.: -0.007 min
Response: 2277715
Conc: 30.53 ng/ml



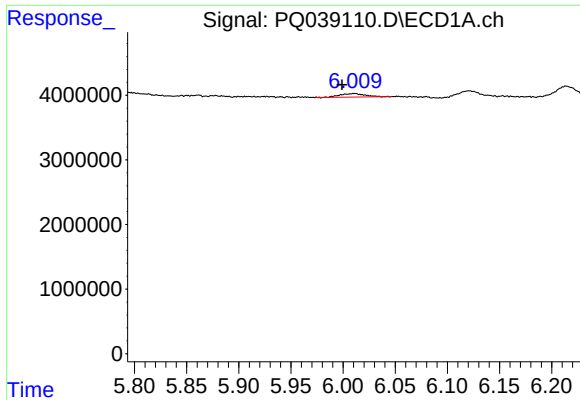
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 7.377 min
Response: 0
Conc: N.D.



#6 AR-1016-4

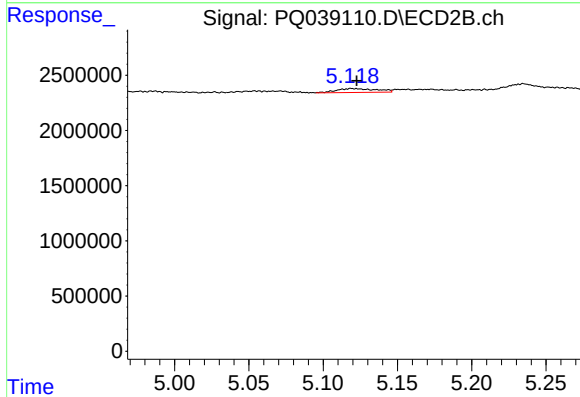
R.T.: 6.542 min
Delta R.T.: -0.016 min
Response: 2325058
Conc: 37.29 ng/ml



#8 AR-1221-1

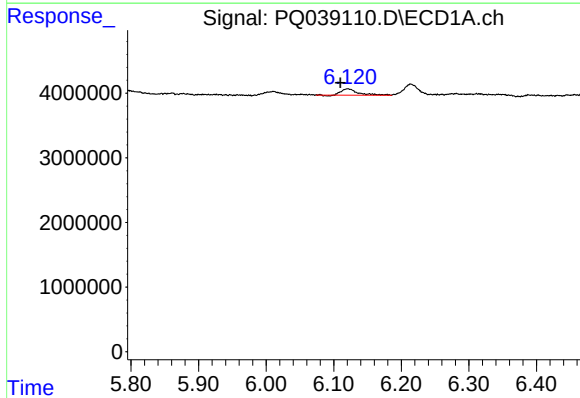
R.T.: 6.011 min
Delta R.T.: 0.012 min
Response: 915459
Conc: 20.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-MDL-SOIL-03-QT1-2019



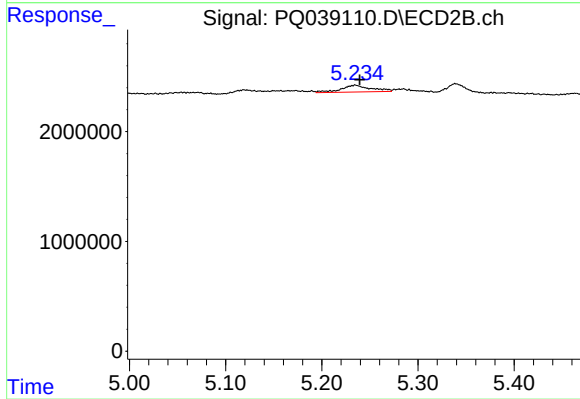
#8 AR-1221-1

R.T.: 5.119 min
Delta R.T.: -0.003 min
Response: 668668
Conc: 28.15 ng/ml



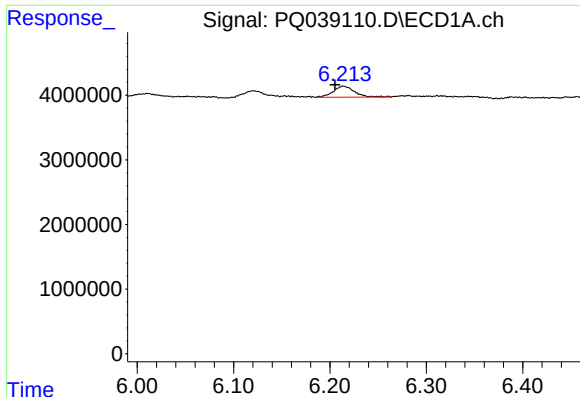
#9 AR-1221-2

R.T.: 6.121 min
Delta R.T.: 0.011 min
Response: 1661786
Conc: 48.95 ng/ml



#9 AR-1221-2

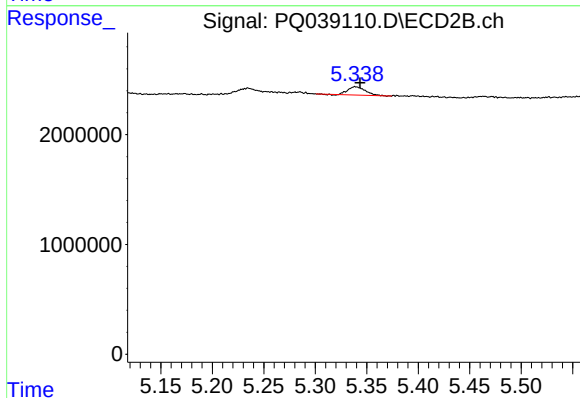
R.T.: 5.235 min
Delta R.T.: -0.005 min
Response: 1318624
Conc: 63.24 ng/ml



#10 AR-1221-3

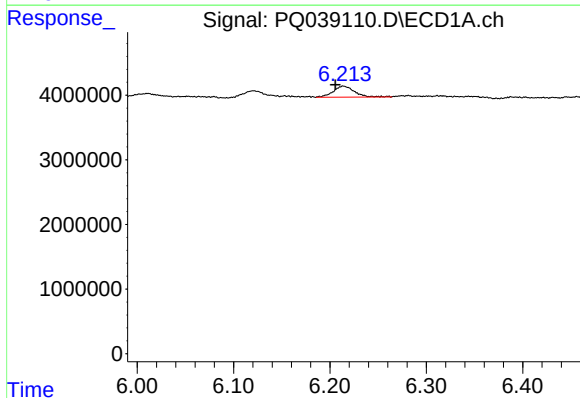
R.T.: 6.214 min
Delta R.T.: 0.009 min
Response: 2623813
Conc: 23.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-MDL-SOIL-03-QT1-2019



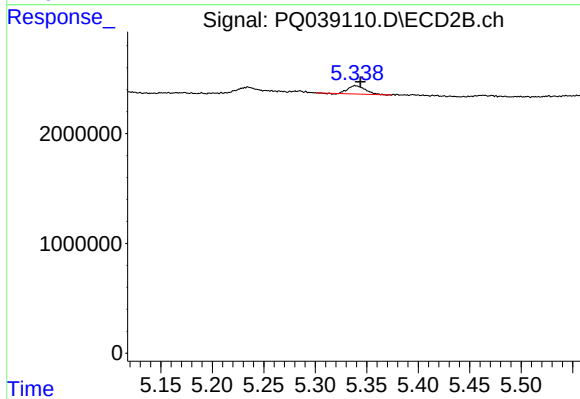
#10 AR-1221-3

R.T.: 5.339 min
Delta R.T.: -0.004 min
Response: 894891
Conc: 14.58 ng/ml



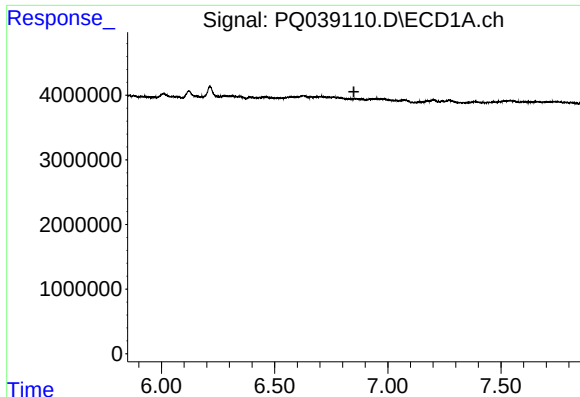
#11 AR-1232-1

R.T.: 6.214 min
Delta R.T.: 0.008 min
Response: 2623813
Conc: 32.99 ng/ml



#11 AR-1232-1

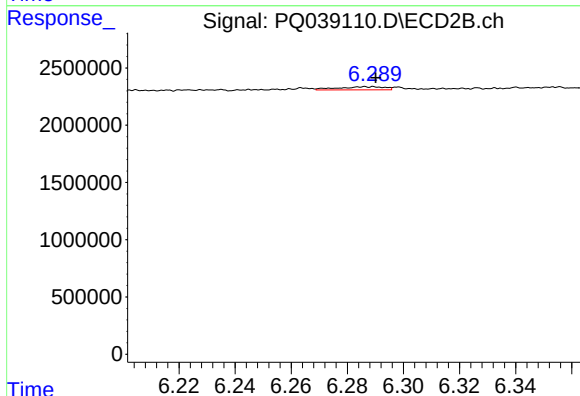
R.T.: 5.339 min
Delta R.T.: -0.005 min
Response: 894891
Conc: 23.60 ng/ml



#12 AR-1232-2

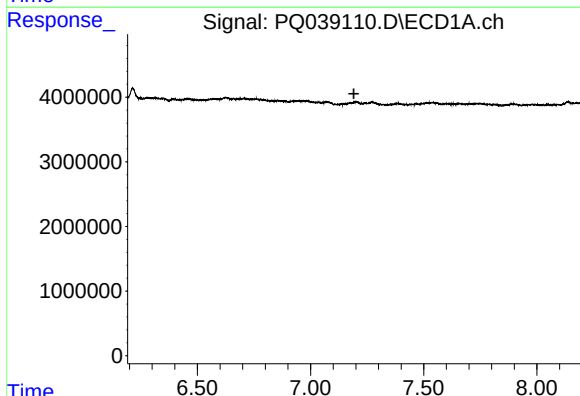
R.T.: 0.000 min
Exp R.T.: 6.850 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
MDL-MDL-SOIL-03-QT1-2019



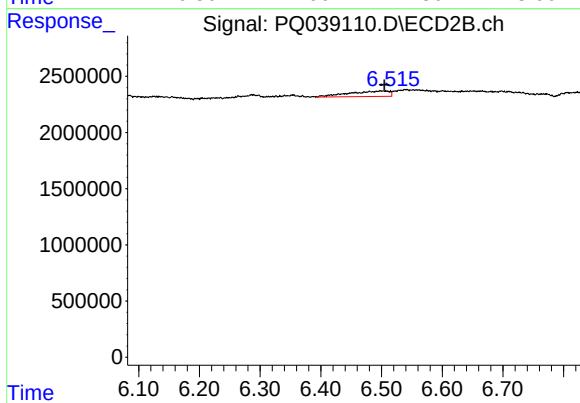
#12 AR-1232-2

R.T.: 6.288 min
Delta R.T.: -0.002 min
Response: 320506
Conc: 6.90 ng/ml



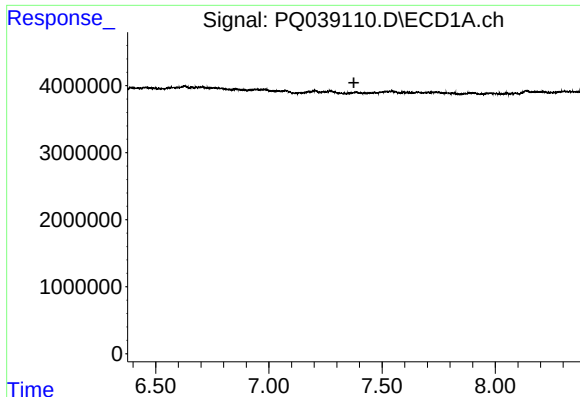
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T.: 7.191 min
Response: 0
Conc: N.D.



#13 AR-1232-3

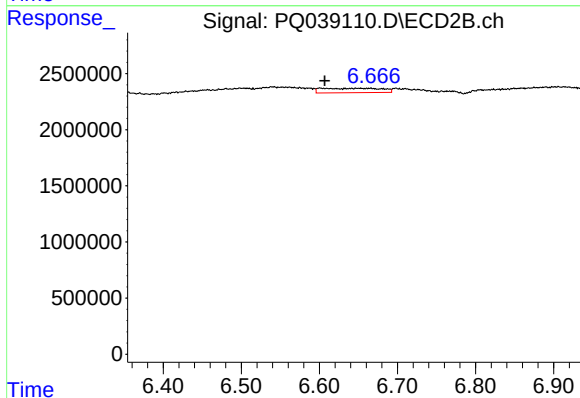
R.T.: 6.498 min
Delta R.T.: -0.006 min
Response: 2277715
Conc: 107.39 ng/ml



#14 AR-1232-4

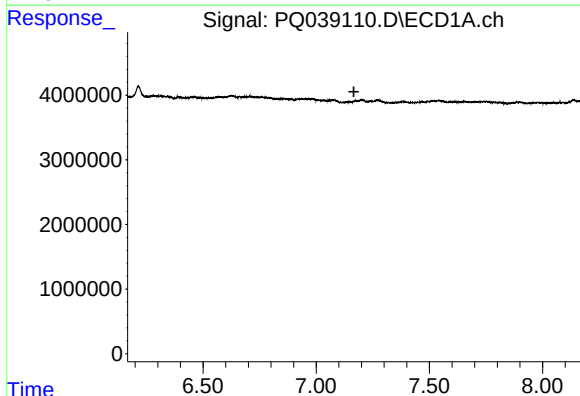
R.T.: 0.000 min
Exp R.T. : 7.375 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
MDL-MDL-SOIL-03-QT1-2019



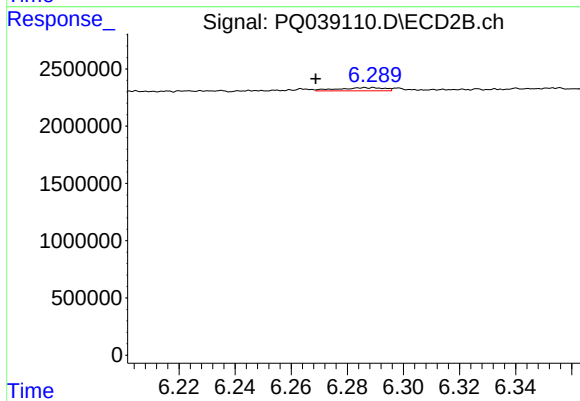
#14 AR-1232-4

R.T.: 6.601 min
Delta R.T.: -0.006 min
Response: 2086952
Conc: 99.13 ng/ml



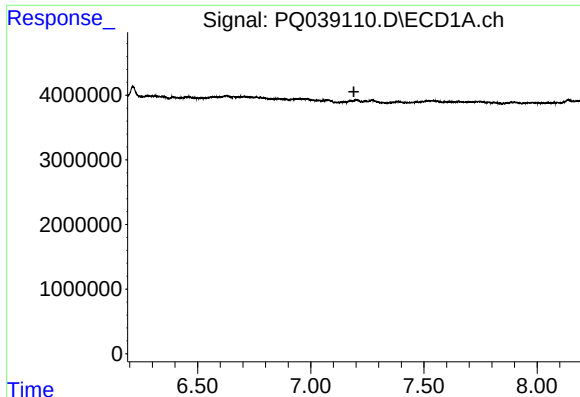
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 7.167 min
Response: 0
Conc: N.D.



#16 AR-1242-1

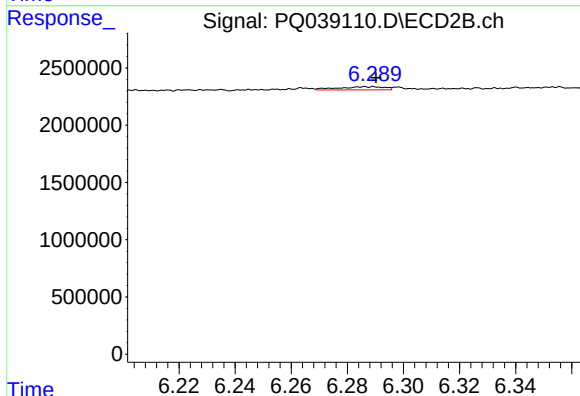
R.T.: 6.288 min
Delta R.T.: 0.020 min
Response: 320506
Conc: 5.46 ng/ml



#17 AR-1242-2

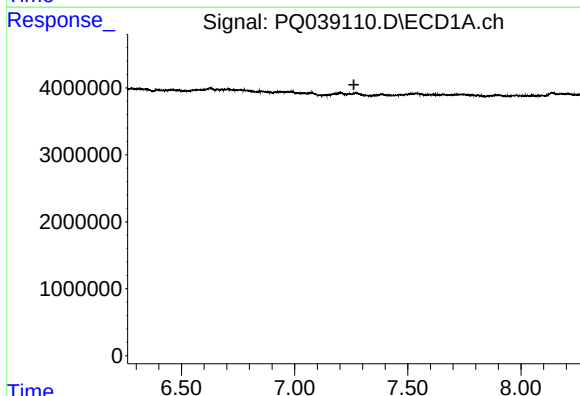
R.T.: 0.000 min
Exp R.T.: 7.191 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
MDL-MDL-SOIL-03-QT1-2019



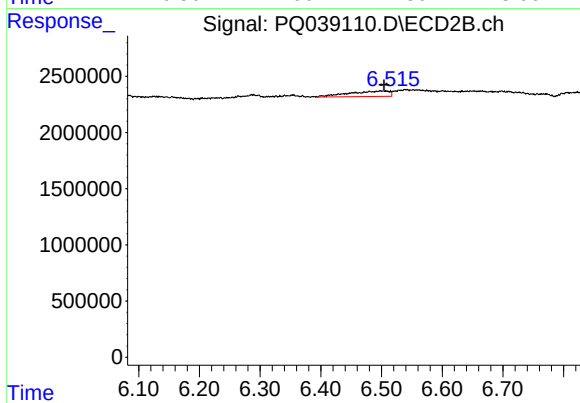
#17 AR-1242-2

R.T.: 6.288 min
Delta R.T.: -0.002 min
Response: 320506
Conc: 3.73 ng/ml



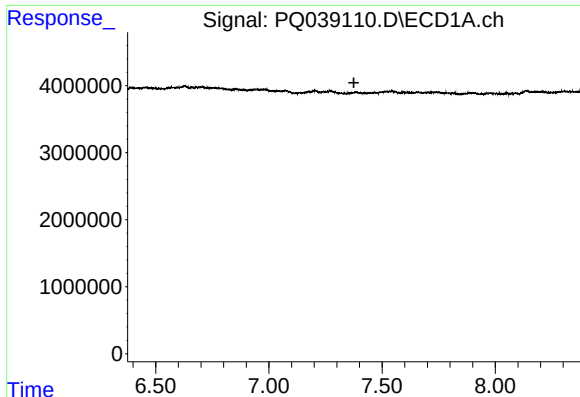
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T.: 7.262 min
Response: 0
Conc: N.D.



#18 AR-1242-3

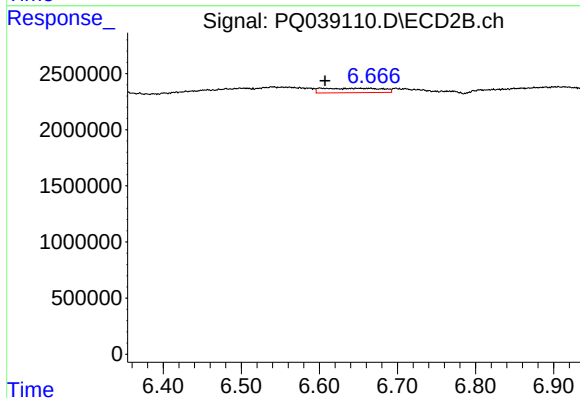
R.T.: 6.498 min
Delta R.T.: -0.006 min
Response: 2277715
Conc: 53.95 ng/ml



#19 AR-1242-4

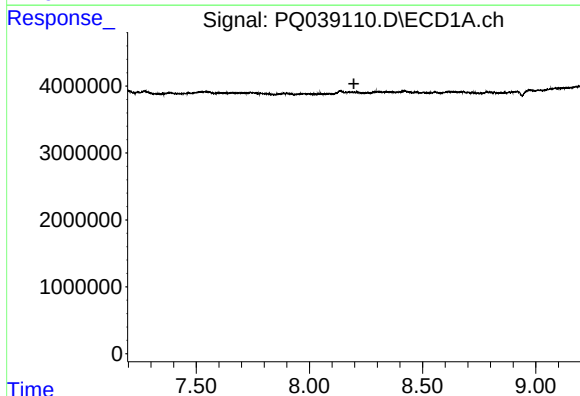
R.T.: 0.000 min
Exp R.T. : 7.375 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
MDL-MDL-SOIL-03-QT1-2019



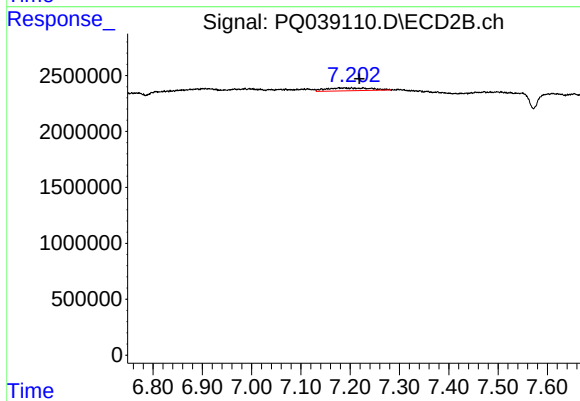
#19 AR-1242-4

R.T.: 6.601 min
Delta R.T.: -0.006 min
Response: 2086952
Conc: 46.60 ng/ml



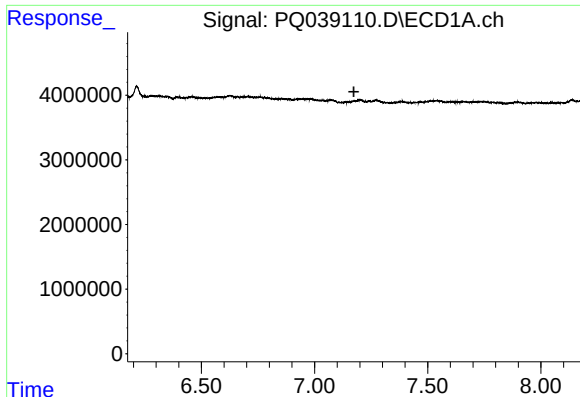
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T. : 8.197 min
Response: 0
Conc: N.D.



#20 AR-1242-5

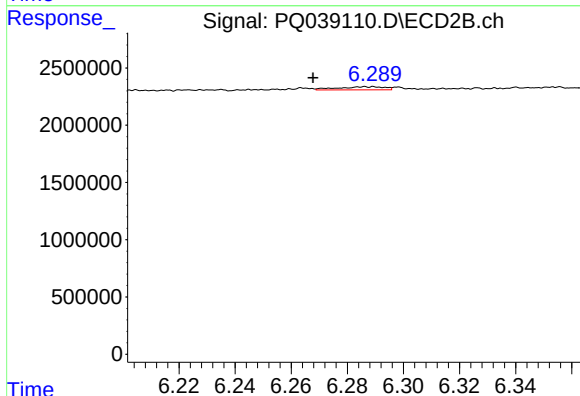
R.T.: 7.203 min
Delta R.T.: -0.016 min
Response: 1574744
Conc: 24.28 ng/ml



#21 AR-1248-1

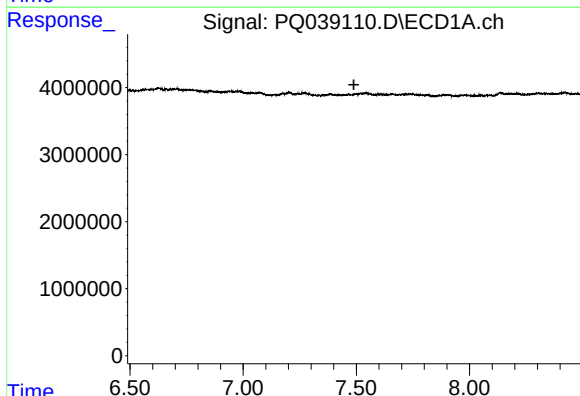
R.T.: 0.000 min
Exp R.T.: 7.174 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
MDL-MDL-SOIL-03-QT1-2019



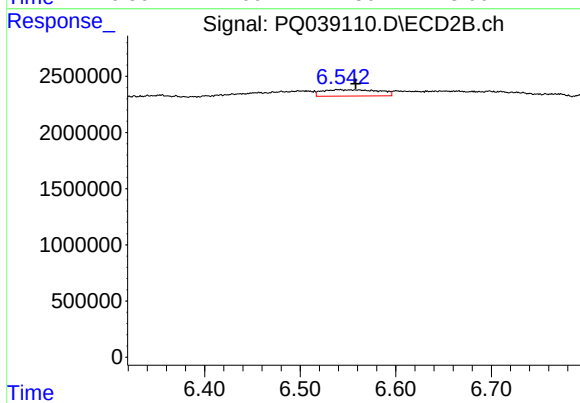
#21 AR-1248-1

R.T.: 6.288 min
Delta R.T.: 0.021 min
Response: 320506
Conc: 7.19 ng/ml



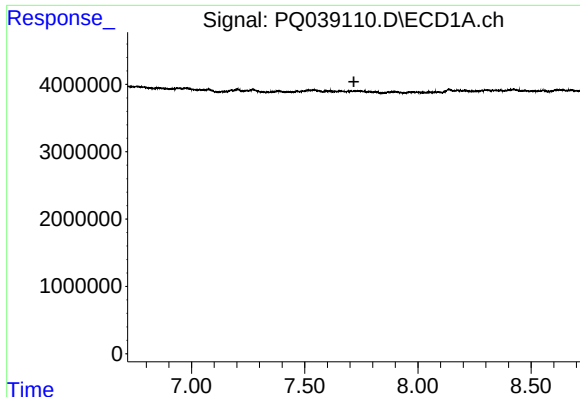
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T.: 7.489 min
Response: 0
Conc: N.D.



#22 AR-1248-2

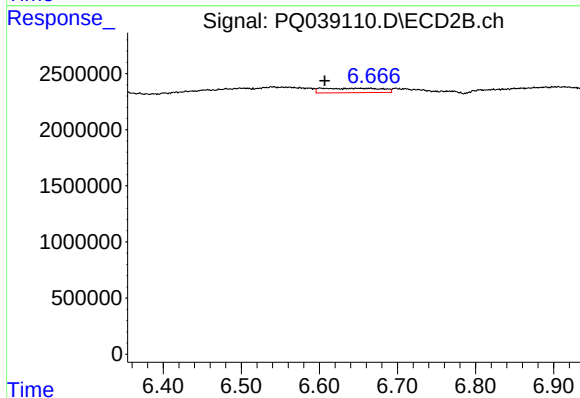
R.T.: 6.542 min
Delta R.T.: -0.016 min
Response: 2325058
Conc: 38.94 ng/ml



#23 AR-1248-3

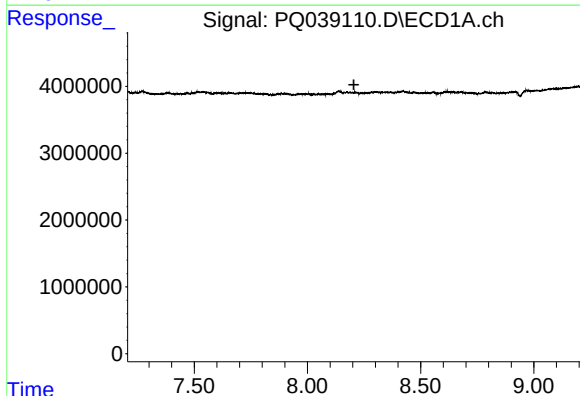
R.T.: 0.000 min
Exp R.T.: 7.717 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
MDL-MDL-SOIL-03-QT1-2019



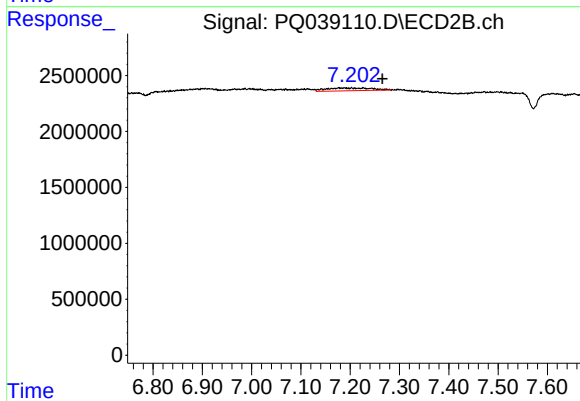
#23 AR-1248-3

R.T.: 6.601 min
Delta R.T.: -0.006 min
Response: 2086952
Conc: 32.60 ng/ml



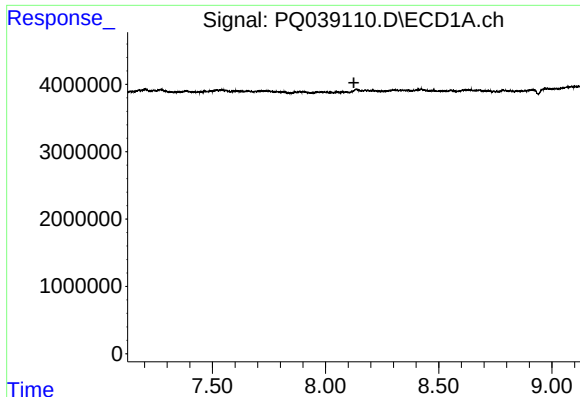
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T.: 8.205 min
Response: 0
Conc: N.D.



#25 AR-1248-5

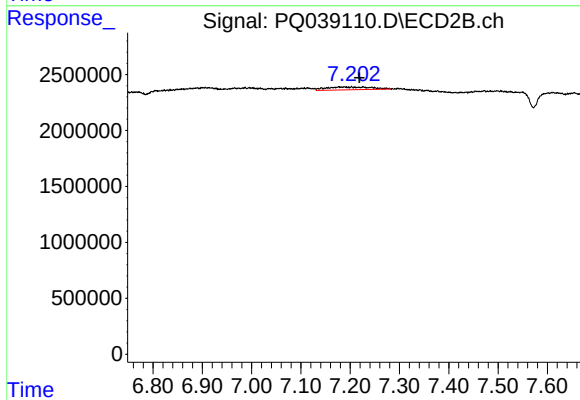
R.T.: 7.203 min
Delta R.T.: -0.063 min
Response: 1574744
Conc: 18.90 ng/ml



#26 AR-1254-1

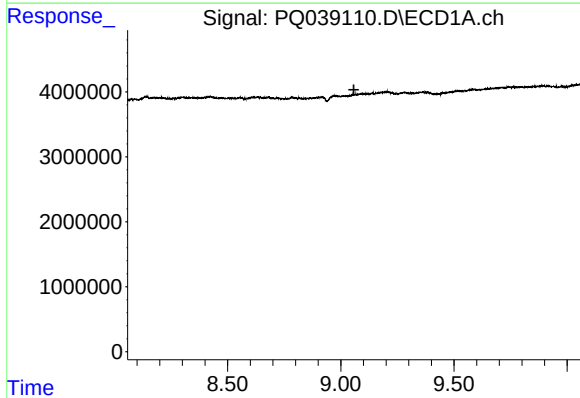
R.T.: 0.000 min
Exp R.T. : 8.125 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
MDL-MDL-SOIL-03-QT1-2019



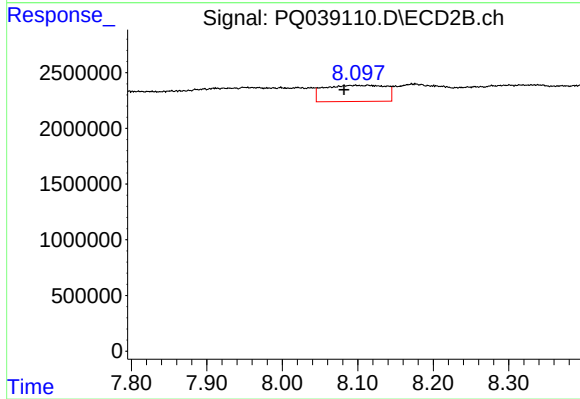
#26 AR-1254-1

R.T.: 7.203 min
Delta R.T.: -0.016 min
Response: 1574744
Conc: 11.02 ng/ml



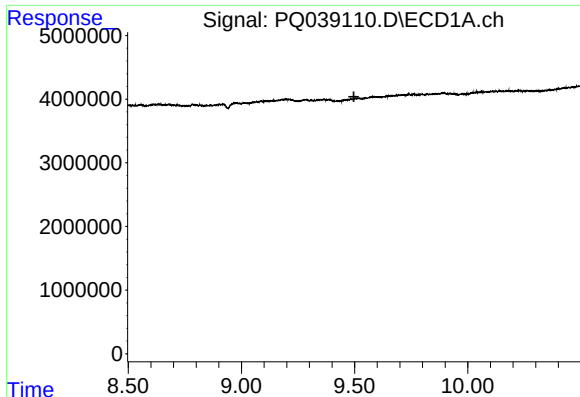
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T. : 9.058 min
Response: 0
Conc: N.D.



#29 AR-1254-4

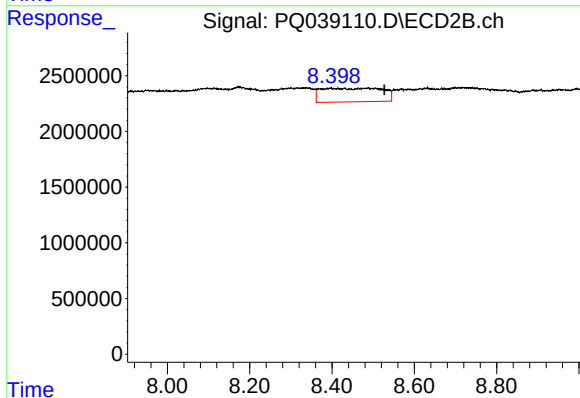
R.T.: 8.112 min
Delta R.T.: 0.030 min
Response: 8181995
Conc: 58.33 ng/ml



#30 AR-1254-5

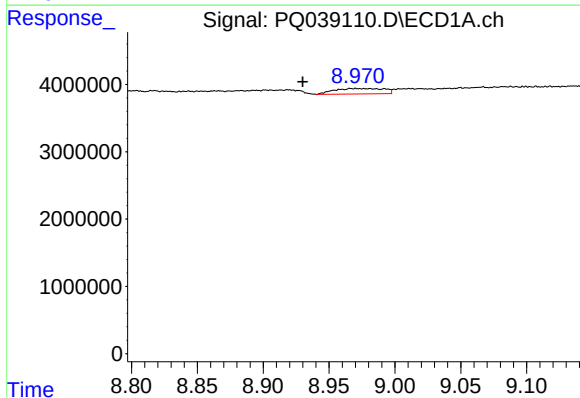
R.T.: 0.000 min
Exp R.T.: 9.497 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
MDL-MDL-SOIL-03-QT1-2019



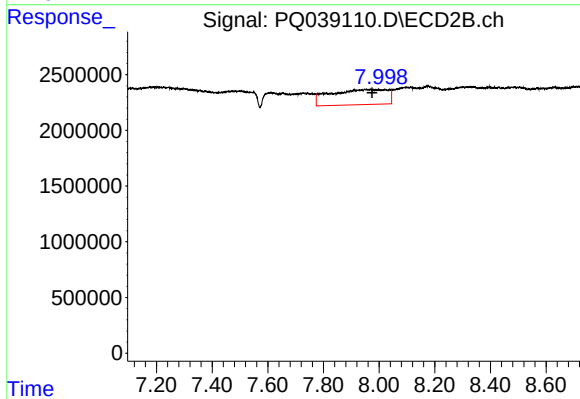
#30 AR-1254-5

R.T.: 8.504 min
Delta R.T.: -0.023 min
Response: 12684429
Conc: 61.48 ng/ml



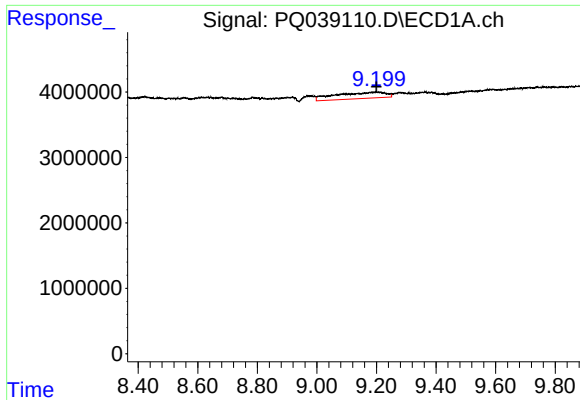
#31 AR-1260-1

R.T.: 8.971 min
Delta R.T.: 0.041 min
Response: 2123111
Conc: 7.59 ng/ml



#31 AR-1260-1

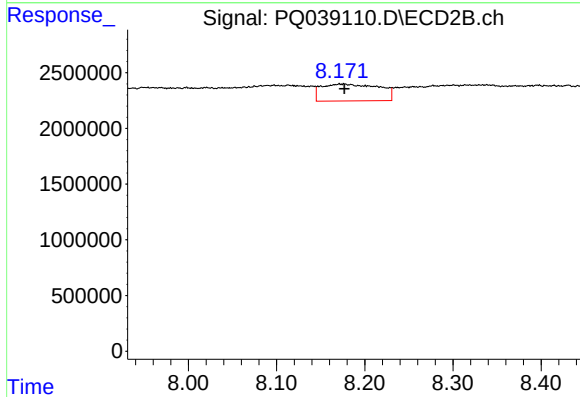
R.T.: 7.998 min
Delta R.T.: 0.024 min
Response: 19598279
Conc: 106.35 ng/ml



#32 AR-1260-2

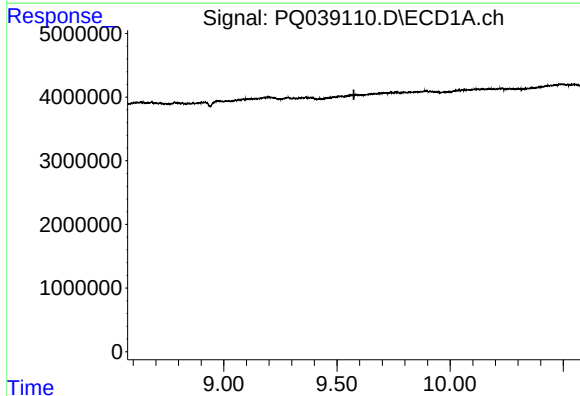
R.T.: 9.198 min
Delta R.T.: -0.002 min
Response: 11119257
Conc: 33.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-MDL-SOIL-03-QT1-2019



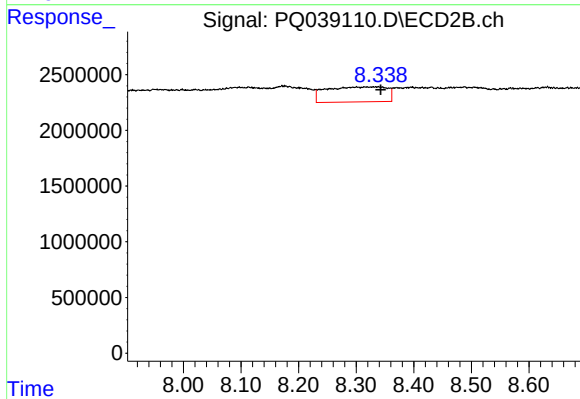
#32 AR-1260-2

R.T.: 8.175 min
Delta R.T.: -0.002 min
Response: 6886771
Conc: 31.22 ng/ml



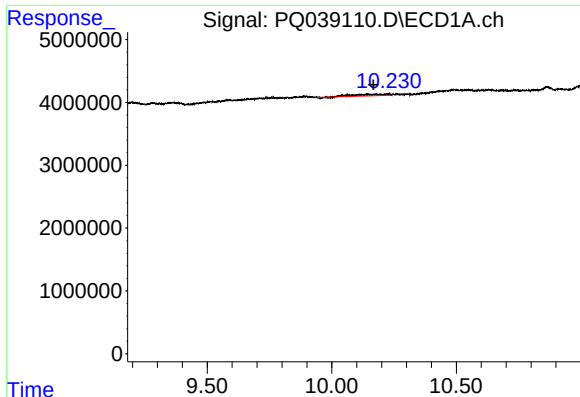
#33 AR-1260-3

R.T.: 0.000 min
Exp R.T. : 9.575 min
Response: 0
Conc: N.D.



#33 AR-1260-3

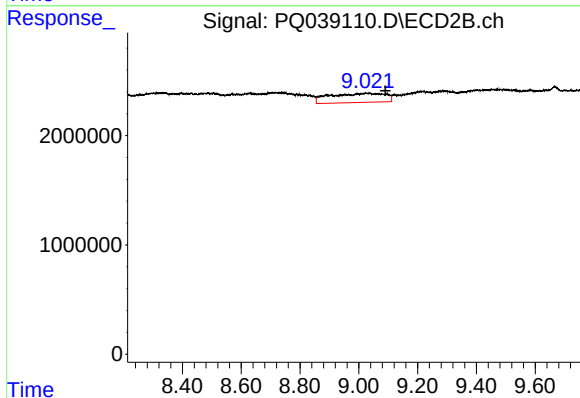
R.T.: 8.335 min
Delta R.T.: -0.007 min
Response: 9865252
Conc: 48.42 ng/ml



#35 AR-1260-5

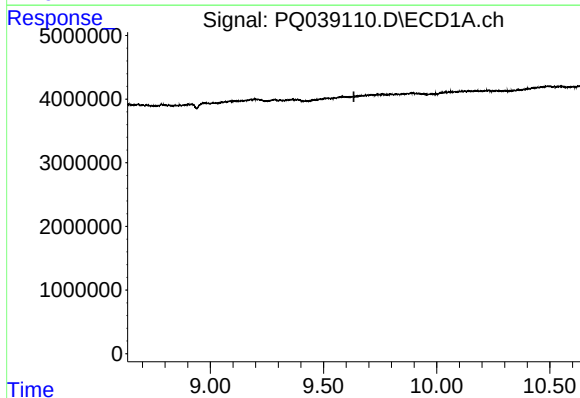
R.T.: 10.230 min
Delta R.T.: 0.064 min
Response: 2316726
Conc: 3.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-MDL-SOIL-03-QT1-2019



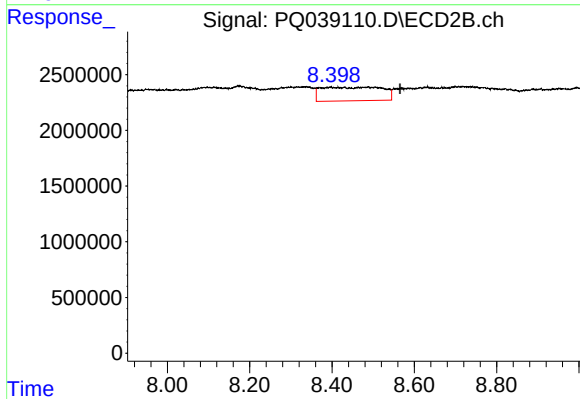
#35 AR-1260-5

R.T.: 9.026 min
Delta R.T.: -0.064 min
Response: 10941971
Conc: 24.49 ng/ml



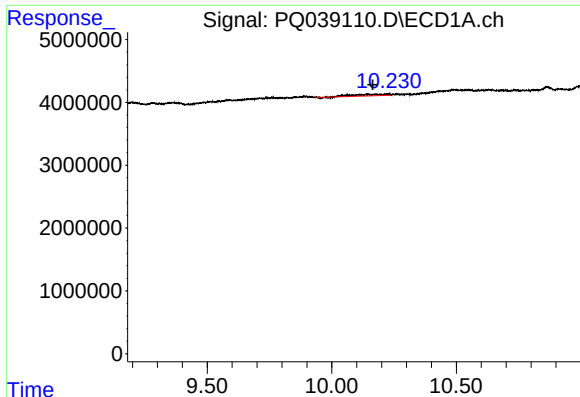
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 9.634 min
Response: 0
Conc: N.D.



#36 AR-1262-1

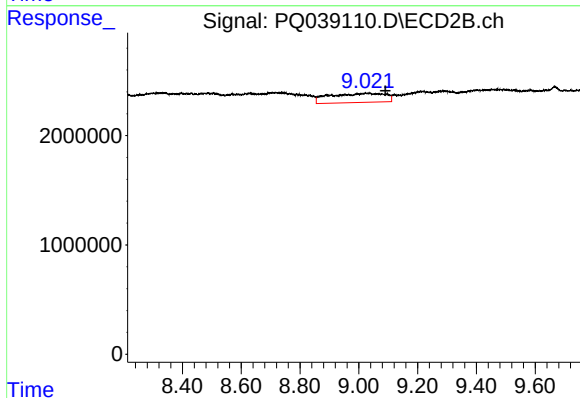
R.T.: 8.504 min
Delta R.T.: -0.062 min
Response: 12684429
Conc: 56.99 ng/ml



#37 AR-1262-2

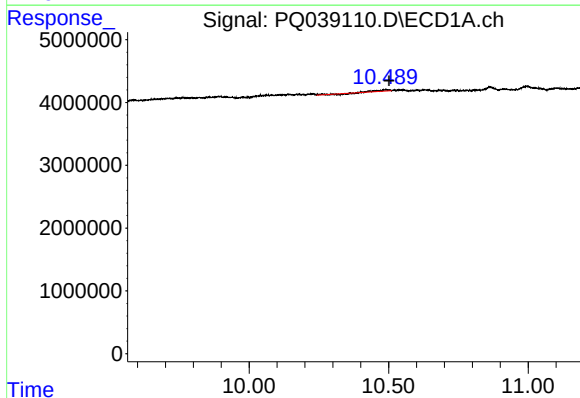
R.T.: 10.230 min
Delta R.T.: 0.066 min
Response: 2316726
Conc: 3.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-MDL-SOIL-03-QT1-2019



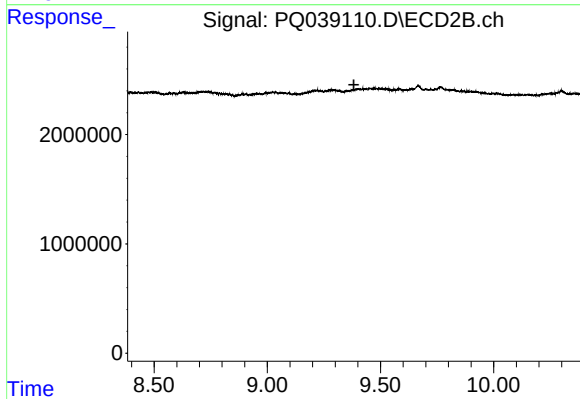
#37 AR-1262-2

R.T.: 9.026 min
Delta R.T.: -0.064 min
Response: 10941971
Conc: 25.34 ng/ml



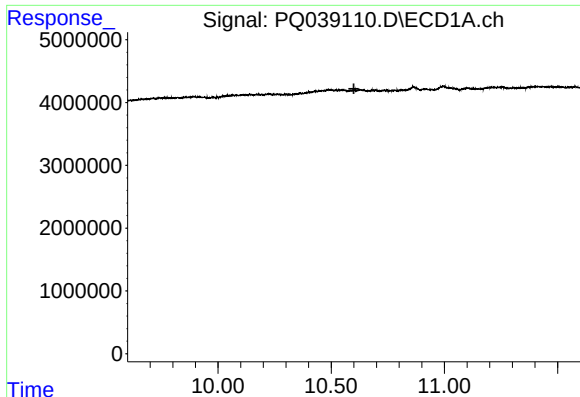
#38 AR-1262-3

R.T.: 10.490 min
Delta R.T.: -0.011 min
Response: 646390
Conc: 1.46 ng/ml



#38 AR-1262-3

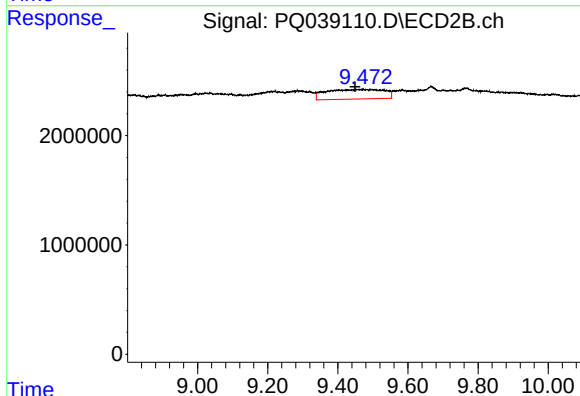
R.T.: 0.000 min
Exp R.T.: 9.383 min
Response: 0
Conc: N.D.



#39 AR-1262-4

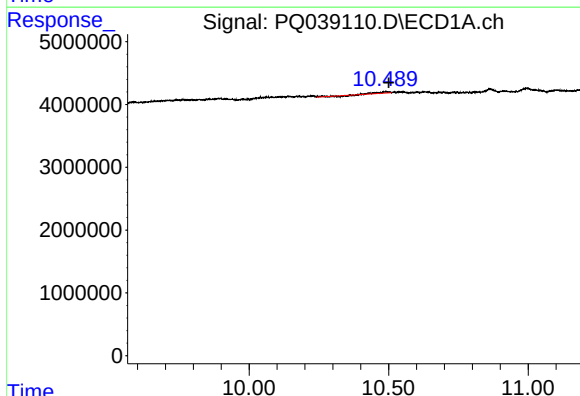
R.T.: 0.000 min
Exp R.T.: 10.600 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
MDL-MDL-SOIL-03-QT1-2019



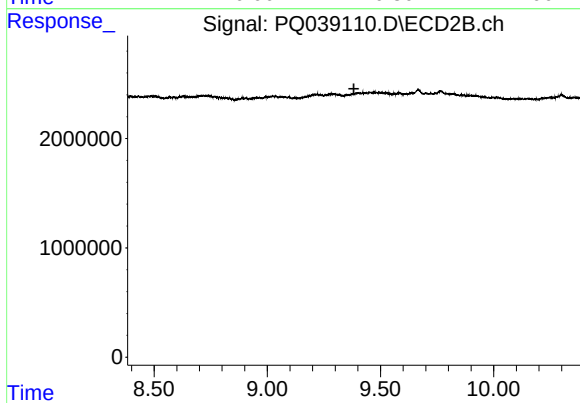
#39 AR-1262-4

R.T.: 9.492 min
Delta R.T.: 0.043 min
Response: 10197364
Conc: 30.39 ng/ml



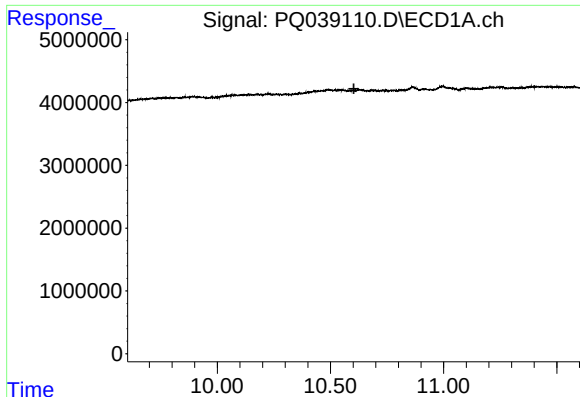
#41 AR-1268-1

R.T.: 10.490 min
Delta R.T.: -0.010 min
Response: 646390
Conc: 0.80 ng/ml



#41 AR-1268-1

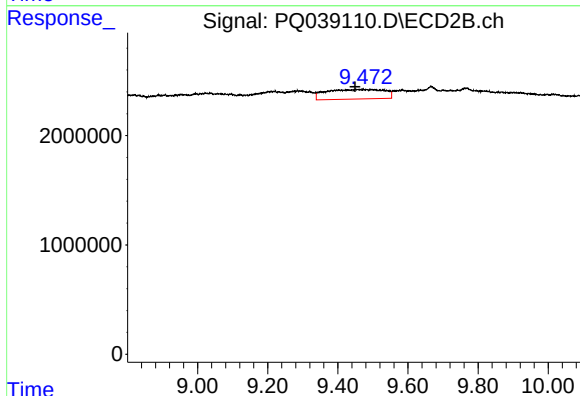
R.T.: 0.000 min
Exp R.T.: 9.382 min
Response: 0
Conc: N.D.



#42 AR-1268-2

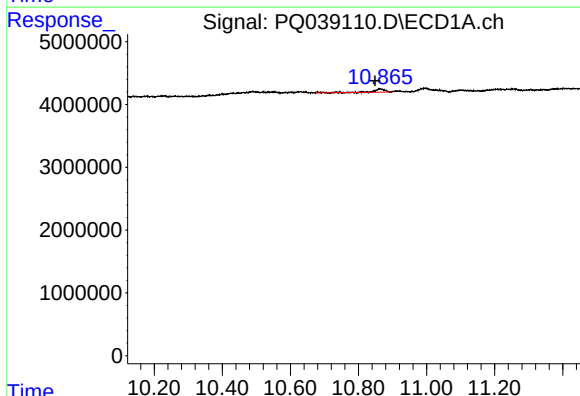
R.T.: 0.000 min
Exp R.T.: 10.604 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
MDL-MDL-SOIL-03-QT1-2019



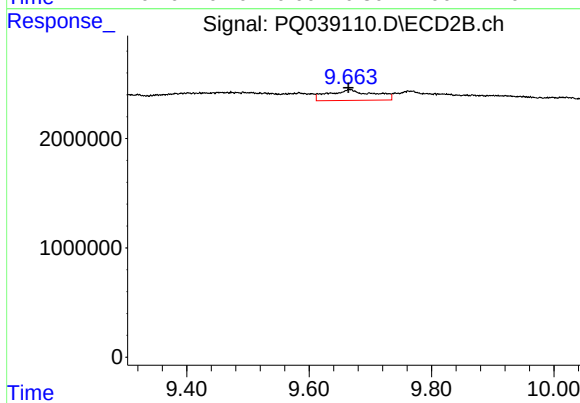
#42 AR-1268-2

R.T.: 9.492 min
Delta R.T.: 0.043 min
Response: 10197364
Conc: 20.67 ng/ml



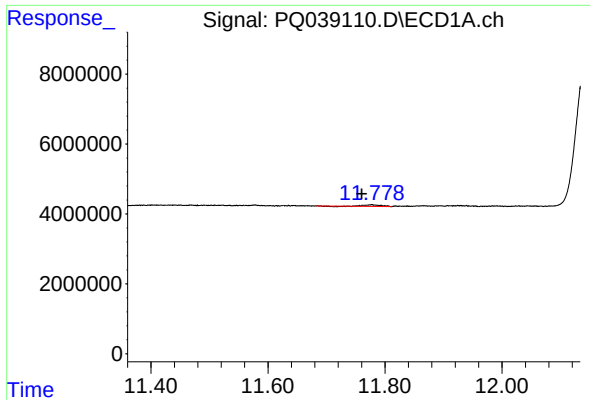
#43 AR-1268-3

R.T.: 10.863 min
Delta R.T.: 0.015 min
Response: 1039649
Conc: 1.58 ng/ml



#43 AR-1268-3

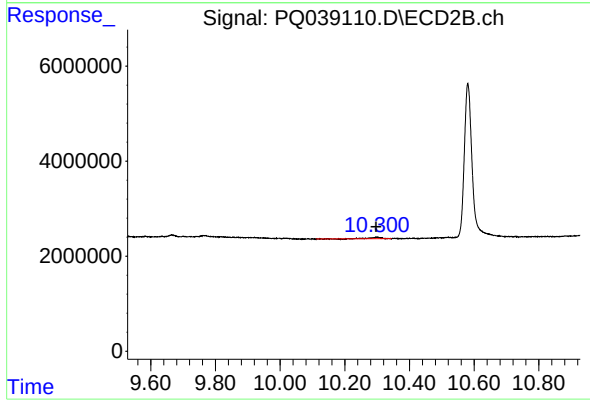
R.T.: 9.666 min
Delta R.T.: 0.002 min
Response: 5022875
Conc: 12.60 ng/ml



#45 AR-1268-5

R.T.: 11.777 min
Delta R.T.: 0.017 min
Response: 936544
Conc: 0.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-MDL-SOIL-03-QT1-2019



#45 AR-1268-5

R.T.: 10.300 min
Delta R.T.: 0.003 min
Response: 673427
Conc: 0.53 ng/ml