

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ041219\
 Data File : PQ039060.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Apr 2019 14:46
 Operator : AJ\SJ
 Sample : K1560-03
 Misc : AR1232 MDL 25 PPB
 ALS Vial : 9 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 13 00:48:28 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...	5.722	4.817	51468036	26573634	11.613	11.917
2)	SA Decachlor...	12.124	10.576	120.2E6	59837689	17.319	17.149
Target Compounds							
3)	L1 AR-1016-1	7.166	6.268	3318089	672921	18.258	6.627 #
4)	L1 AR-1016-2	7.191	6.290	4750113	972983	17.531	6.569 #
5)	L1 AR-1016-3	7.262	0.000	3366268	0	20.203	N.D. #
6)	L1 AR-1016-4	7.375	6.577	2661802	324828	19.209	5.210 #
7)	L1 AR-1016-5	7.709	6.814	3409696	877272	24.025	9.886 #
8)	L2 AR-1221-1	0.000	5.128	0	493571	N.D.	20.775 #
9)	L2 AR-1221-2	6.107	5.237	1509778	796153	44.475	38.180
10)	L2 AR-1221-3	6.206	5.343	1199341	858301	10.923	13.989 #
11)	L3 AR-1232-1	6.206	5.343	1199341	858301	15.079	22.634 #
12)	L3 AR-1232-2	6.852	6.290	2640864	972983	63.125	20.935 #
13)	L3 AR-1232-3	7.191	0.000	4750113	0	53.357	N.D. #
14)	L3 AR-1232-4	7.375	6.607	2661802	741824	51.946	35.236 #
15)	L3 AR-1232-5	7.480	6.814	3052817	877272	74.169	35.994 #
16)	L4 AR-1242-1	7.166	6.268	3318089	672921	29.590	11.464 #
17)	L4 AR-1242-2	7.191	6.290	4750113	972983	28.925	11.321 #
18)	L4 AR-1242-3	7.262	0.000	3366268	0	30.906	N.D. #
19)	L4 AR-1242-4	7.375	6.607	2661802	741824	30.756	16.564 #
20)	L4 AR-1242-5	8.197	7.219	3050763	2103069	30.880	32.432
21)	L5 AR-1248-1	7.166	6.268	3318089	672921	40.132	15.100 #
22)	L5 AR-1248-2	7.480	6.577	3052817	324828	26.720	5.440 #
23)	L5 AR-1248-3	7.709	6.607	3409696	741824	24.872	11.588 #
24)	L5 AR-1248-4	8.154	6.814	2230784	877272	14.294	10.662 #
25)	L5 AR-1248-5	8.197	7.265	3050763	2042782	19.946	24.522
26)	L6 AR-1254-1	8.123	7.219	3452236	2103069	20.050	14.717 #
27)	L6 AR-1254-2	8.369	0.000	1309252	0	4.782	N.D. #
28)	L6 AR-1254-3	8.769	0.000	3958820	0	12.889	N.D. #
29)	L6 AR-1254-4	9.062	8.043	2116654	1450238	9.529	10.338
30)	L6 AR-1254-5	9.499	0.000	9526181	0	36.697	N.D. #
31)	L7 AR-1260-1	8.948	7.970	2468851	2866217	8.832	15.553 #
32)	L7 AR-1260-2	9.167	8.168	2580493	470108	7.714	2.131 #
33)	L7 AR-1260-3	9.564	0.000	3842180	0	13.949	N.D. #
34)	L7 AR-1260-4	9.793	8.788	2948653	293835	9.023	1.610 #
36)	L8 AR-1262-1	9.637	8.626	3146025	424955	22.355	1.909 #
39)	L8 AR-1262-4	10.599	0.000	31796112	0	89.813	N.D. #
40)	L8 AR-1262-5	11.330	0.000	4028390	0	15.934	N.D. #
42)	L9 AR-1268-2	10.599	0.000	31796112	0	39.879	N.D. #
43)	L9 AR-1268-3	10.847	9.665	2786258	1075351	4.226	2.698 #
44)	L9 AR-1268-4	11.330	0.000	4028390	0	14.392	N.D. #
45)	L9 AR-1268-5	11.761	10.296	6762947	610596	2.970	0.479 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ041219\
Data File : PQ039060.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Apr 2019 14:46
Operator : AJ\SJ
Sample : K1560-03
Misc : AR1232 MDL 25 PPB
ALS Vial : 9 Sample Multiplier: 1

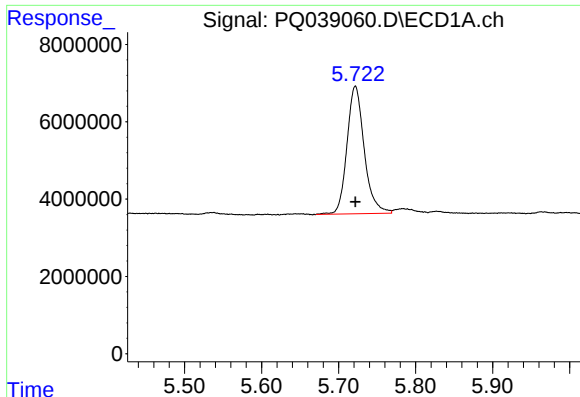
Instrument :
ECD_Q
ClientSampleId :
MDL-MDL-SOIL-03-QT1-2019

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 13 00:48:28 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

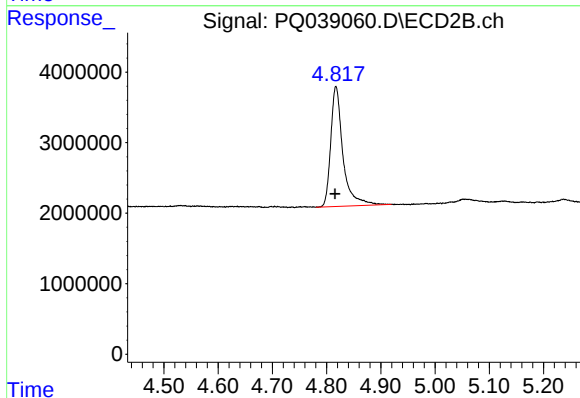
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

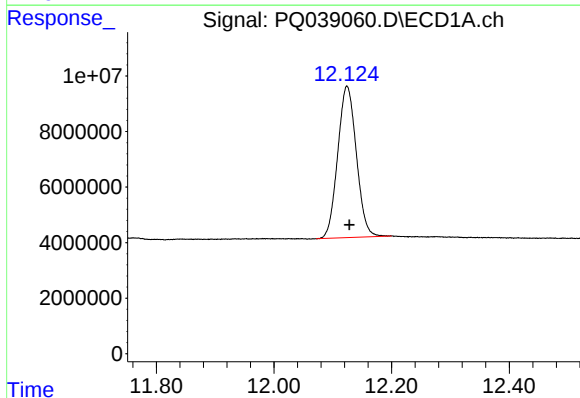
R.T.: 5.722 min
Delta R.T.: 0.000 min
Response: 51468036
Conc: 11.61 ng/ml

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



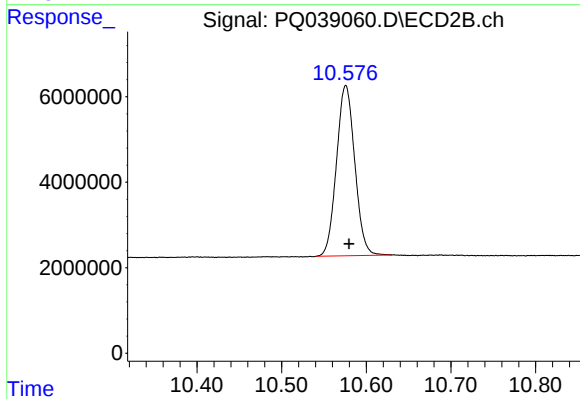
#1 Tetrachloro-m-xylene

R.T.: 4.817 min
Delta R.T.: 0.001 min
Response: 26573634
Conc: 11.92 ng/ml



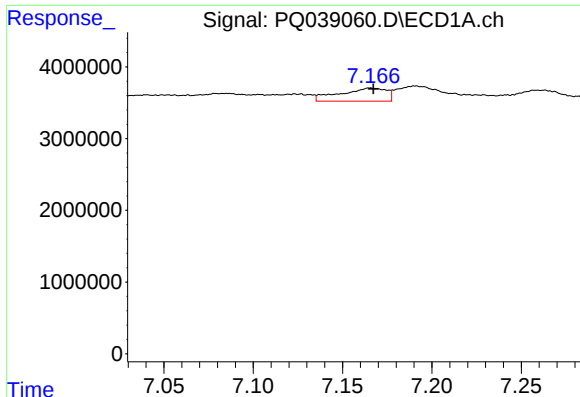
#2 Decachlorobiphenyl

R.T.: 12.124 min
Delta R.T.: -0.004 min
Response: 120174743
Conc: 17.32 ng/ml



#2 Decachlorobiphenyl

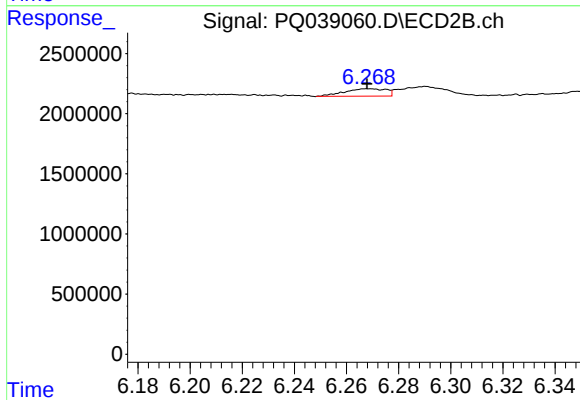
R.T.: 10.576 min
Delta R.T.: -0.004 min
Response: 59837689
Conc: 17.15 ng/ml



#3 AR-1016-1

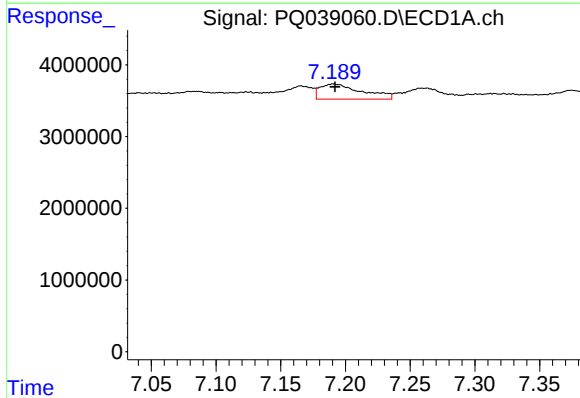
R.T.: 7.166 min
Delta R.T.: -0.002 min
Response: 3318089
Conc: 18.26 ng/ml

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



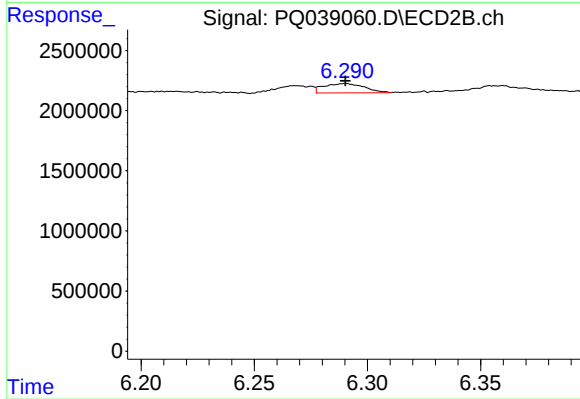
#3 AR-1016-1

R.T.: 6.268 min
Delta R.T.: 0.000 min
Response: 672921
Conc: 6.63 ng/ml



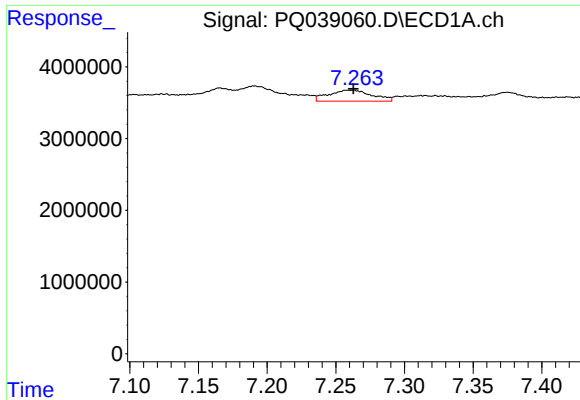
#4 AR-1016-2

R.T.: 7.191 min
Delta R.T.: -0.001 min
Response: 4750113
Conc: 17.53 ng/ml



#4 AR-1016-2

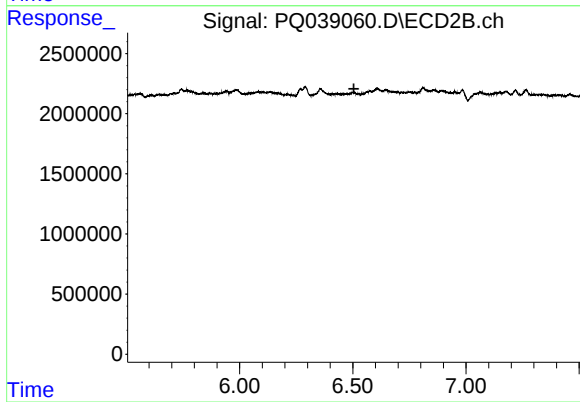
R.T.: 6.290 min
Delta R.T.: 0.000 min
Response: 972983
Conc: 6.57 ng/ml



#5 AR-1016-3

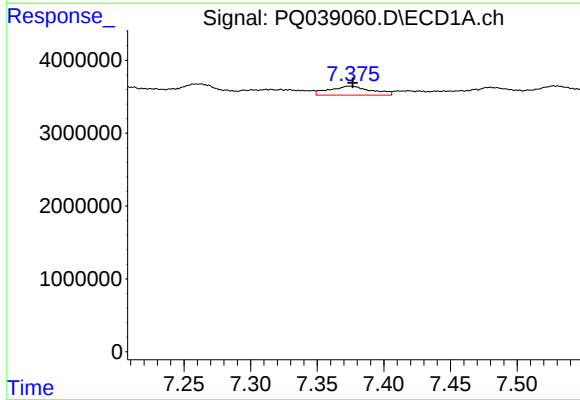
R.T.: 7.262 min
Delta R.T.: 0.000 min
Response: 3366268
Conc: 20.20 ng/ml

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



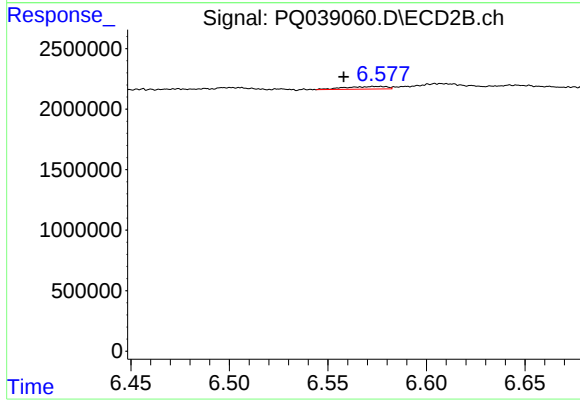
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 6.505 min
Response: 0
Conc: N.D.



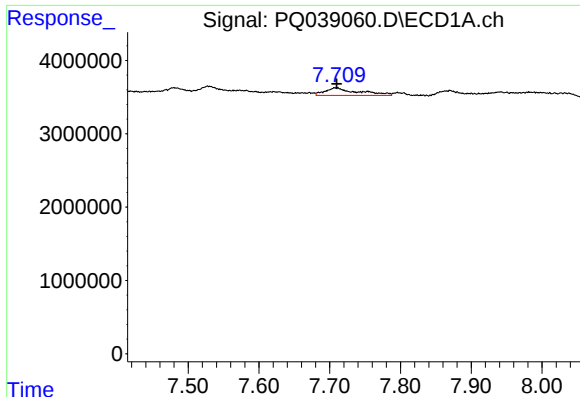
#6 AR-1016-4

R.T.: 7.375 min
Delta R.T.: -0.002 min
Response: 2661802
Conc: 19.21 ng/ml



#6 AR-1016-4

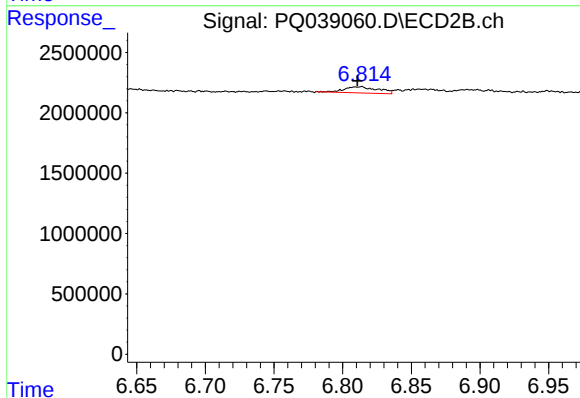
R.T.: 6.577 min
Delta R.T.: 0.019 min
Response: 324828
Conc: 5.21 ng/ml



#7 AR-1016-5

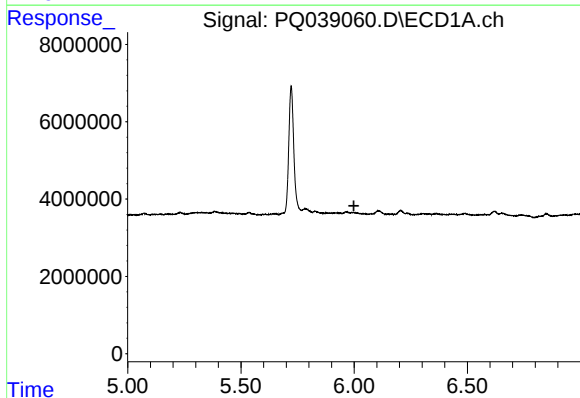
R.T.: 7.709 min
Delta R.T.: -0.001 min
Response: 3409696
Conc: 24.03 ng/ml

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



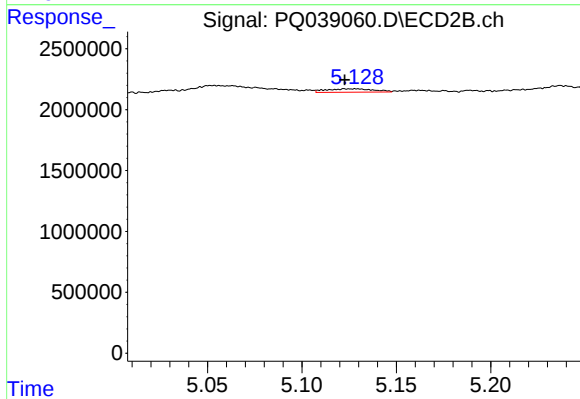
#7 AR-1016-5

R.T.: 6.814 min
Delta R.T.: 0.003 min
Response: 877272
Conc: 9.89 ng/ml



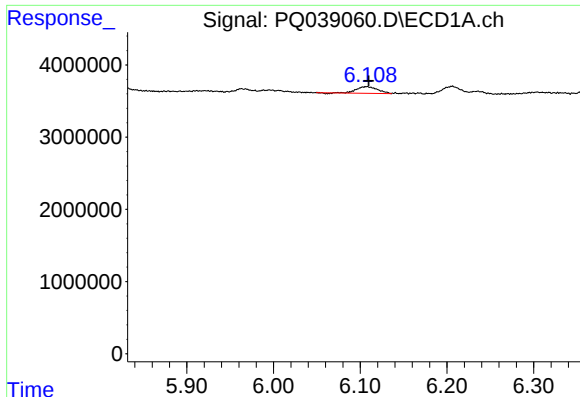
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 5.999 min
Response: 0
Conc: N.D.



#8 AR-1221-1

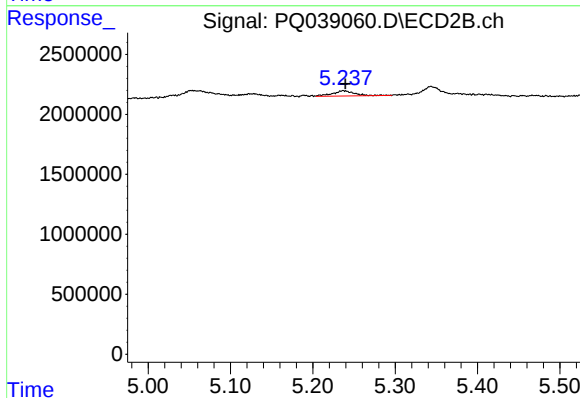
R.T.: 5.128 min
Delta R.T.: 0.006 min
Response: 493571
Conc: 20.78 ng/ml



#9 AR-1221-2

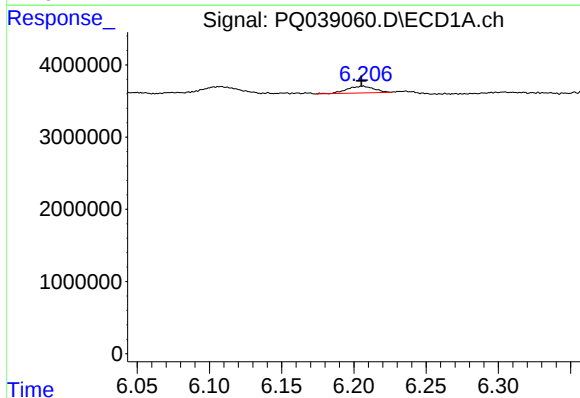
R.T.: 6.107 min
Delta R.T.: -0.002 min
Response: 1509778
Conc: 44.47 ng/ml

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



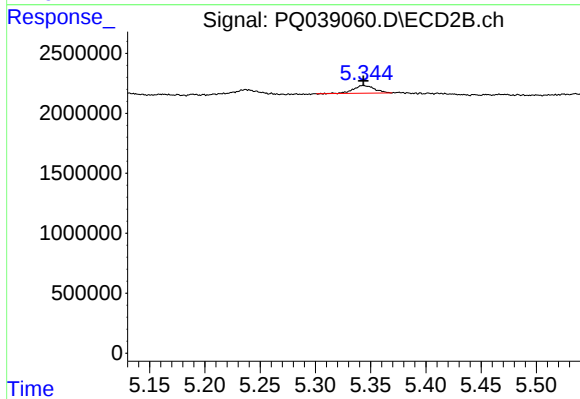
#9 AR-1221-2

R.T.: 5.237 min
Delta R.T.: -0.002 min
Response: 796153
Conc: 38.18 ng/ml



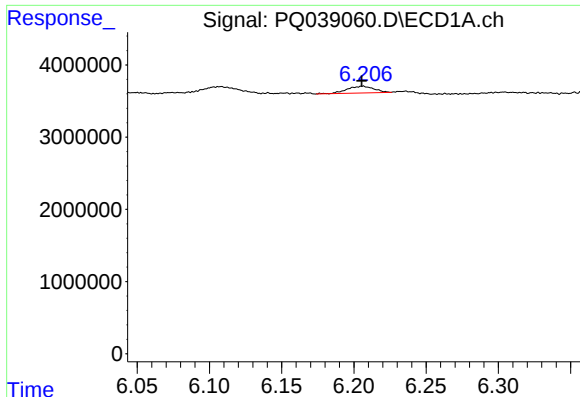
#10 AR-1221-3

R.T.: 6.206 min
Delta R.T.: 0.000 min
Response: 1199341
Conc: 10.92 ng/ml



#10 AR-1221-3

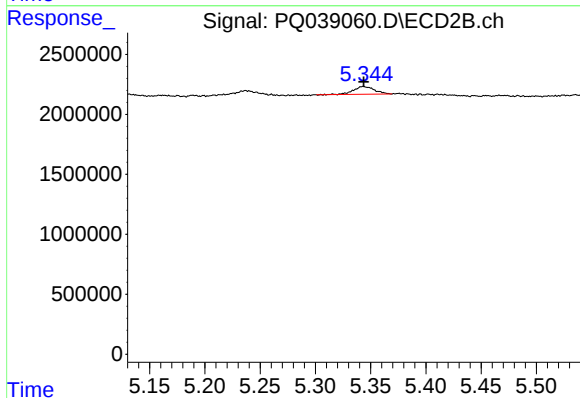
R.T.: 5.343 min
Delta R.T.: 0.000 min
Response: 858301
Conc: 13.99 ng/ml



#11 AR-1232-1

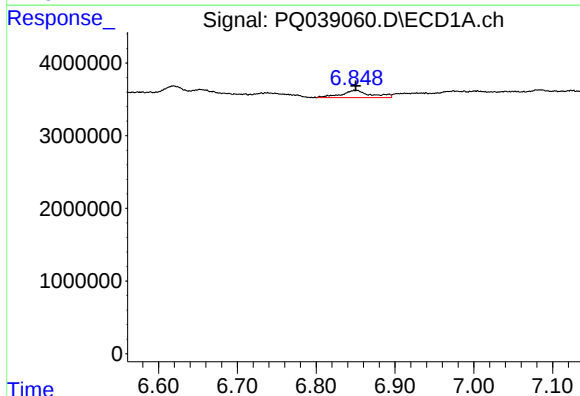
R.T.: 6.206 min
Delta R.T.: 0.000 min
Response: 1199341
Conc: 15.08 ng/ml

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



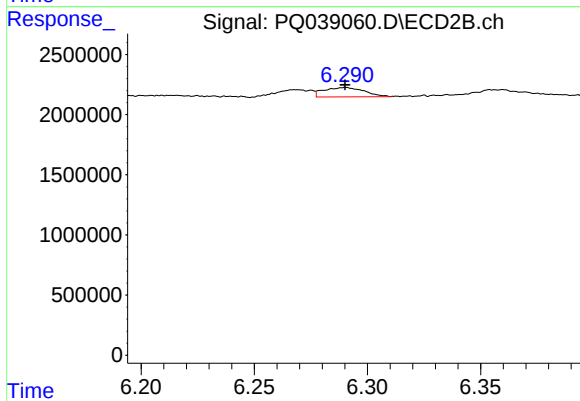
#11 AR-1232-1

R.T.: 5.343 min
Delta R.T.: 0.000 min
Response: 858301
Conc: 22.63 ng/ml



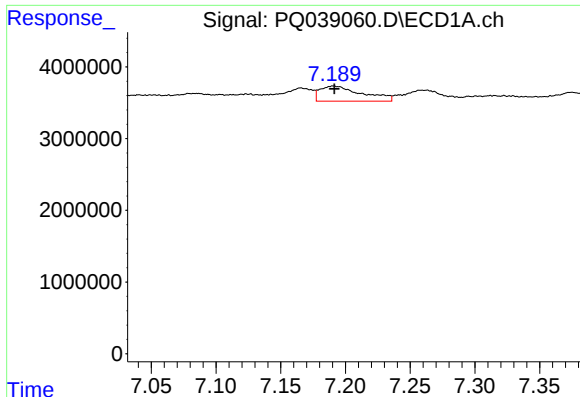
#12 AR-1232-2

R.T.: 6.852 min
Delta R.T.: 0.002 min
Response: 2640864
Conc: 63.12 ng/ml



#12 AR-1232-2

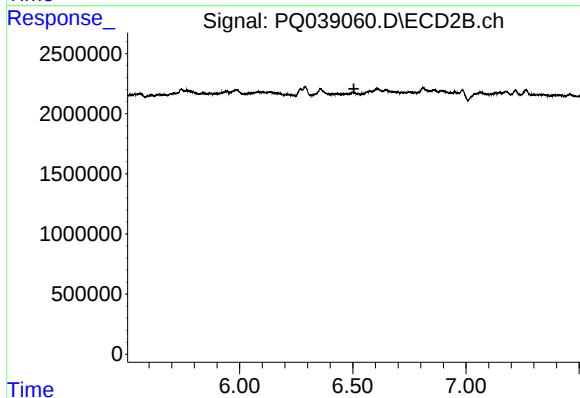
R.T.: 6.290 min
Delta R.T.: 0.000 min
Response: 972983
Conc: 20.94 ng/ml



#13 AR-1232-3

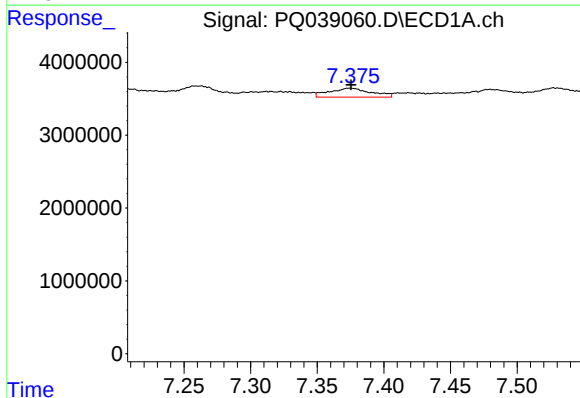
R.T.: 7.191 min
Delta R.T.: 0.000 min
Response: 4750113
Conc: 53.36 ng/ml

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



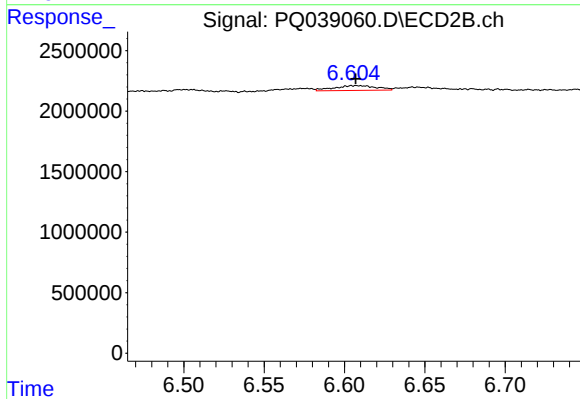
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 6.505 min
Response: 0
Conc: N.D.



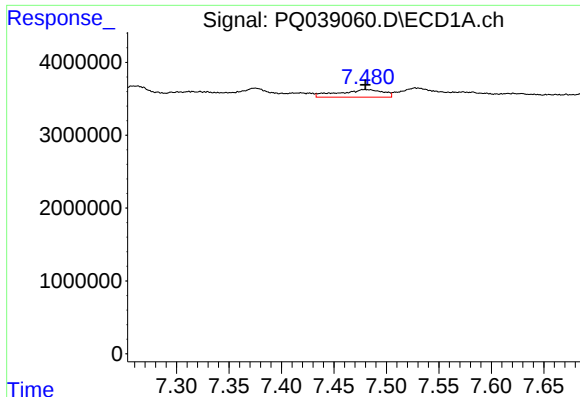
#14 AR-1232-4

R.T.: 7.375 min
Delta R.T.: 0.000 min
Response: 2661802
Conc: 51.95 ng/ml



#14 AR-1232-4

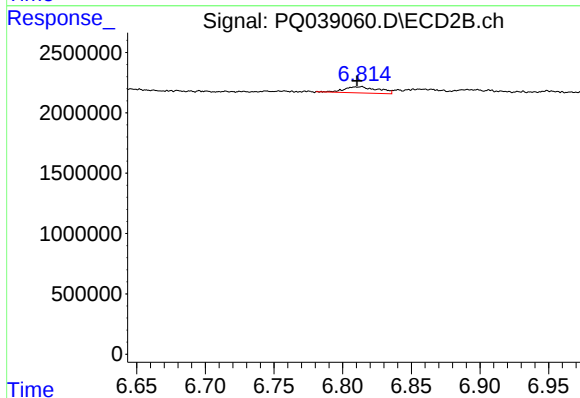
R.T.: 6.607 min
Delta R.T.: 0.000 min
Response: 741824
Conc: 35.24 ng/ml



#15 AR-1232-5

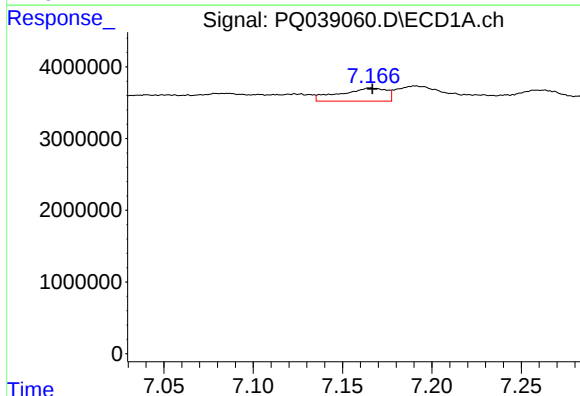
R.T.: 7.480 min
Delta R.T.: 0.000 min
Response: 3052817
Conc: 74.17 ng/ml

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



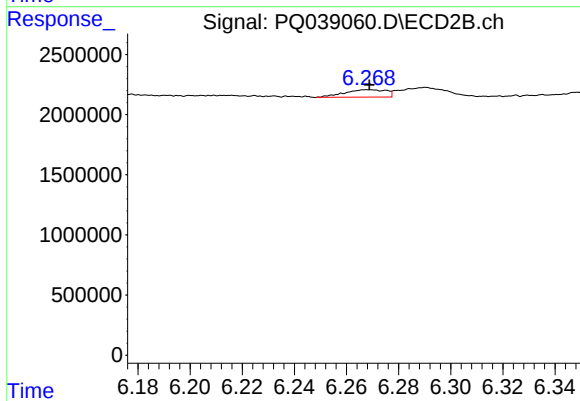
#15 AR-1232-5

R.T.: 6.814 min
Delta R.T.: 0.003 min
Response: 877272
Conc: 35.99 ng/ml



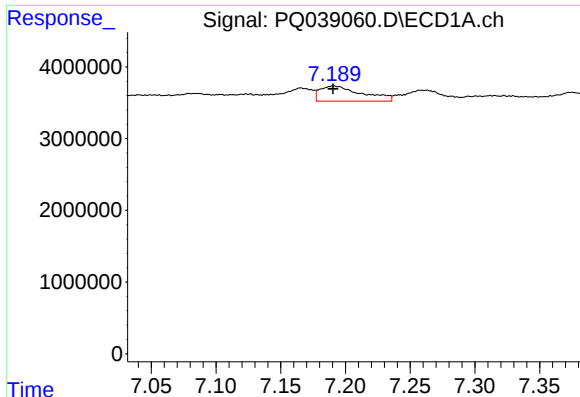
#16 AR-1242-1

R.T.: 7.166 min
Delta R.T.: 0.000 min
Response: 3318089
Conc: 29.59 ng/ml



#16 AR-1242-1

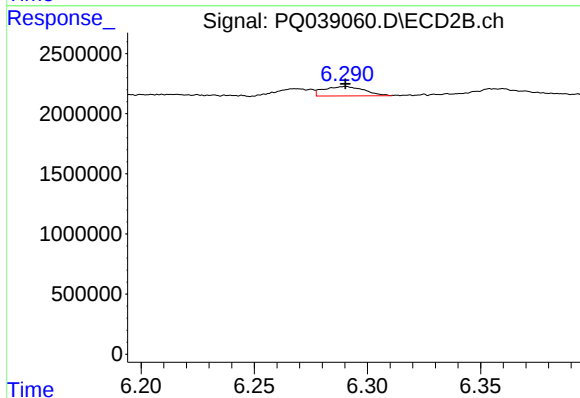
R.T.: 6.268 min
Delta R.T.: 0.000 min
Response: 672921
Conc: 11.46 ng/ml



#17 AR-1242-2

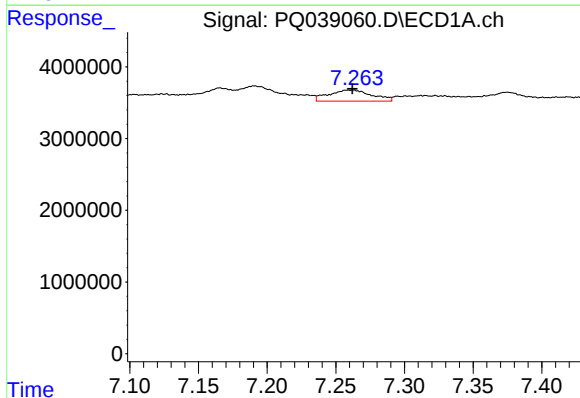
R.T.: 7.191 min
Delta R.T.: 0.000 min
Response: 4750113
Conc: 28.92 ng/ml

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



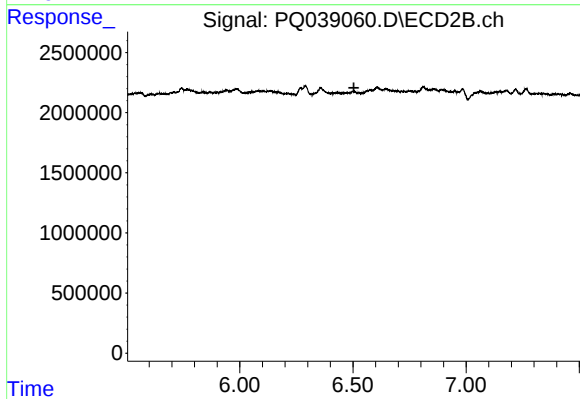
#17 AR-1242-2

R.T.: 6.290 min
Delta R.T.: 0.000 min
Response: 972983
Conc: 11.32 ng/ml



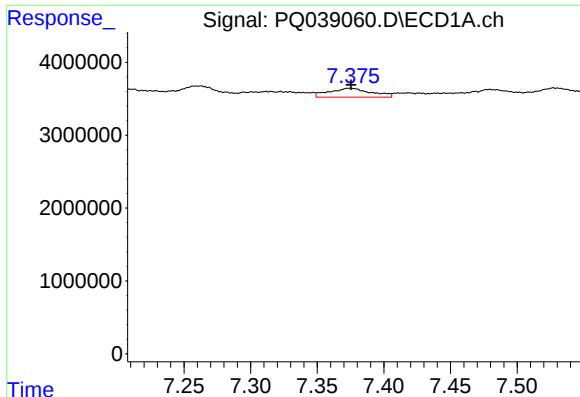
#18 AR-1242-3

R.T.: 7.262 min
Delta R.T.: 0.000 min
Response: 3366268
Conc: 30.91 ng/ml



#18 AR-1242-3

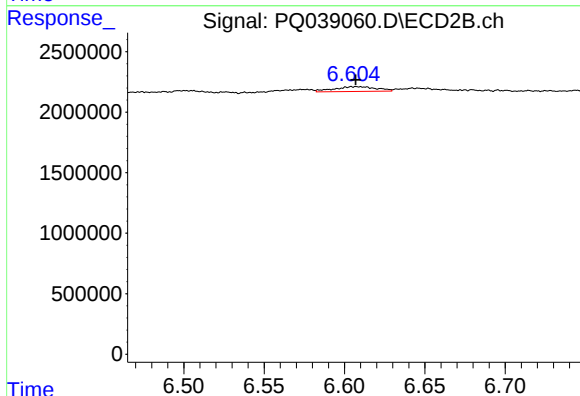
R.T.: 0.000 min
Exp R.T.: 6.504 min
Response: 0
Conc: N.D.



#19 AR-1242-4

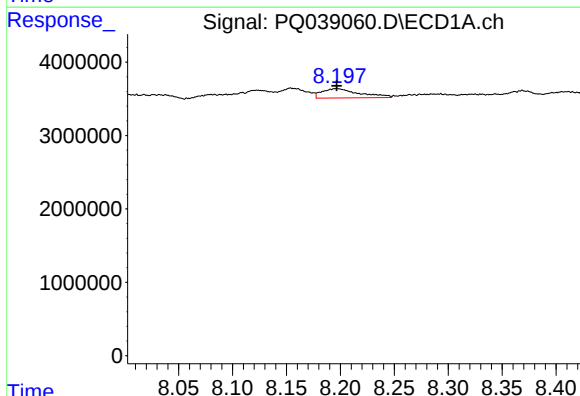
R.T.: 7.375 min
Delta R.T.: 0.000 min
Response: 2661802
Conc: 30.76 ng/ml

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



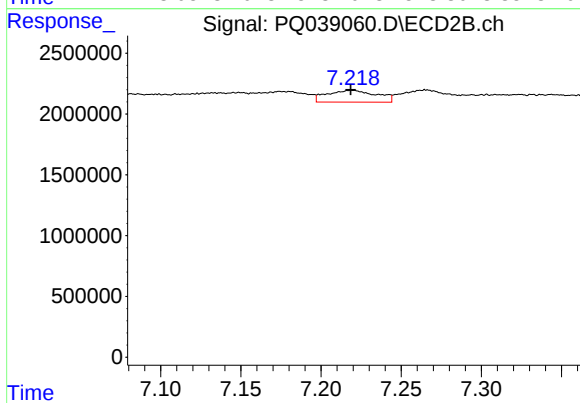
#19 AR-1242-4

R.T.: 6.607 min
Delta R.T.: 0.000 min
Response: 741824
Conc: 16.56 ng/ml



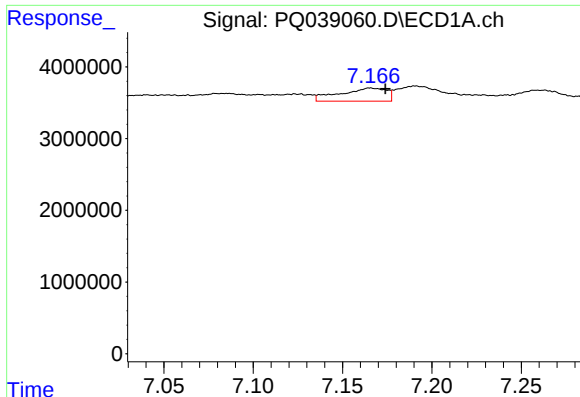
#20 AR-1242-5

R.T.: 8.197 min
Delta R.T.: 0.000 min
Response: 3050763
Conc: 30.88 ng/ml



#20 AR-1242-5

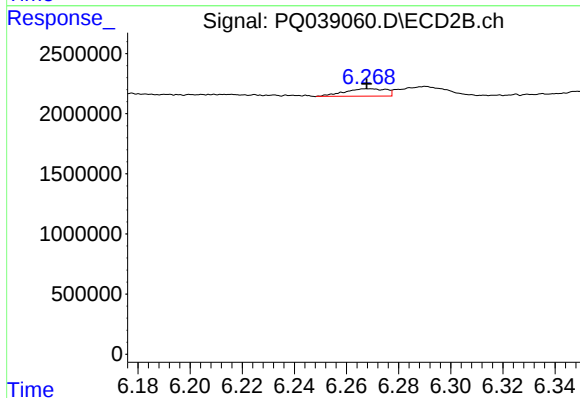
R.T.: 7.219 min
Delta R.T.: 0.000 min
Response: 2103069
Conc: 32.43 ng/ml



#21 AR-1248-1

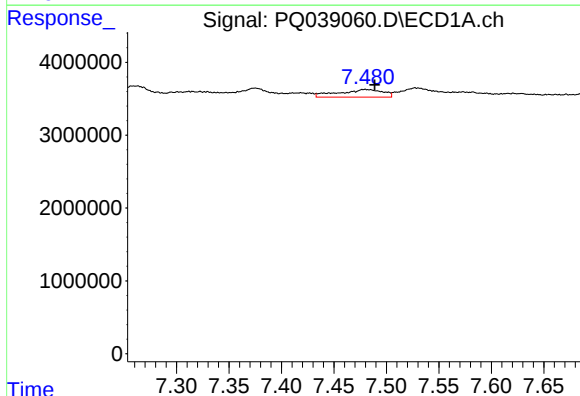
R.T.: 7.166 min
Delta R.T.: -0.008 min
Response: 3318089
Conc: 40.13 ng/ml

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



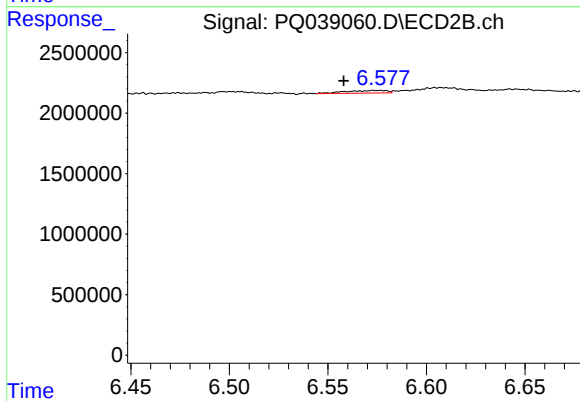
#21 AR-1248-1

R.T.: 6.268 min
Delta R.T.: 0.000 min
Response: 672921
Conc: 15.10 ng/ml



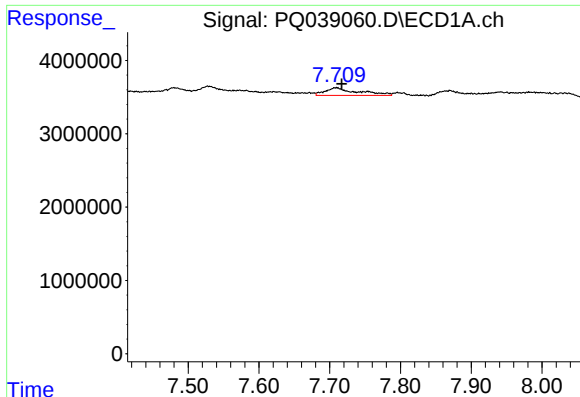
#22 AR-1248-2

R.T.: 7.480 min
Delta R.T.: -0.010 min
Response: 3052817
Conc: 26.72 ng/ml



#22 AR-1248-2

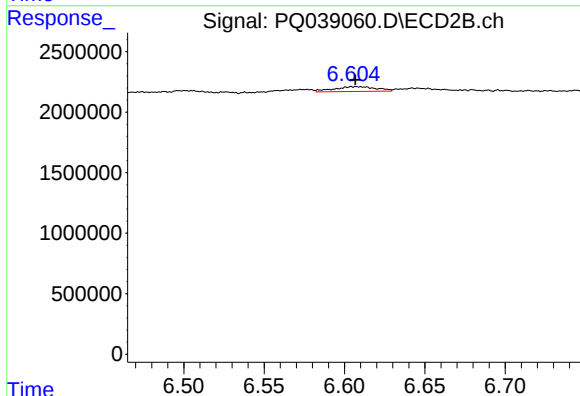
R.T.: 6.577 min
Delta R.T.: 0.019 min
Response: 324828
Conc: 5.44 ng/ml



#23 AR-1248-3

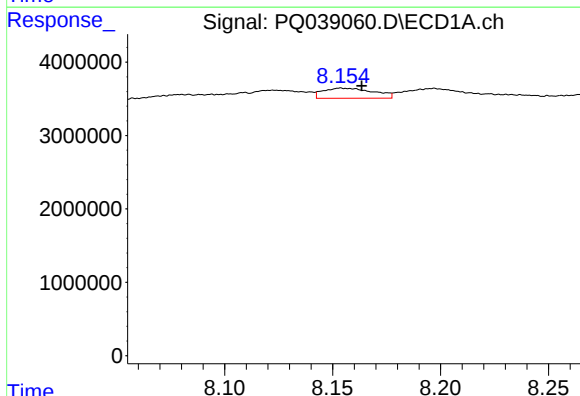
R.T.: 7.709 min
Delta R.T.: -0.008 min
Response: 3409696
Conc: 24.87 ng/ml

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



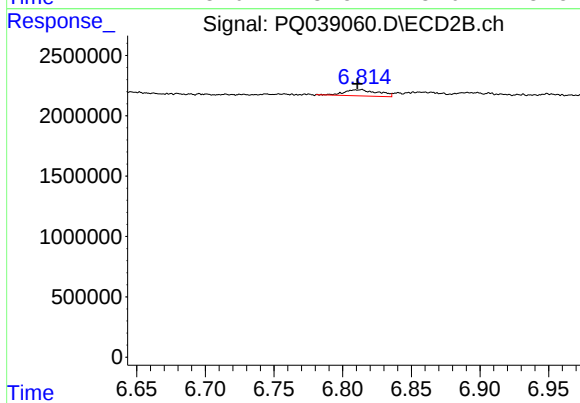
#23 AR-1248-3

R.T.: 6.607 min
Delta R.T.: 0.000 min
Response: 741824
Conc: 11.59 ng/ml



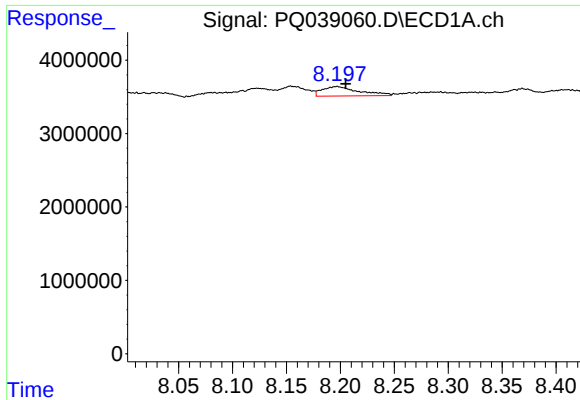
#24 AR-1248-4

R.T.: 8.154 min
Delta R.T.: -0.009 min
Response: 2230784
Conc: 14.29 ng/ml



#24 AR-1248-4

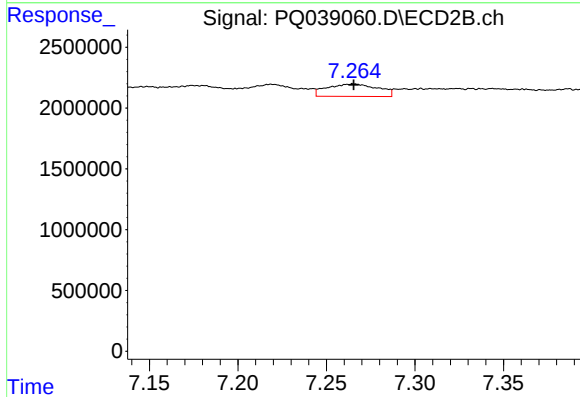
R.T.: 6.814 min
Delta R.T.: 0.003 min
Response: 877272
Conc: 10.66 ng/ml



#25 AR-1248-5

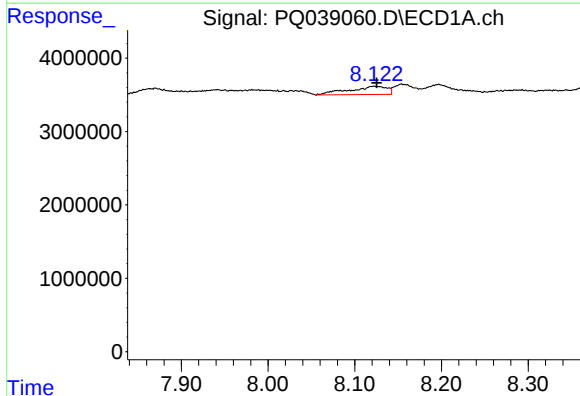
R.T.: 8.197 min
Delta R.T.: -0.008 min
Response: 3050763
Conc: 19.95 ng/ml

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



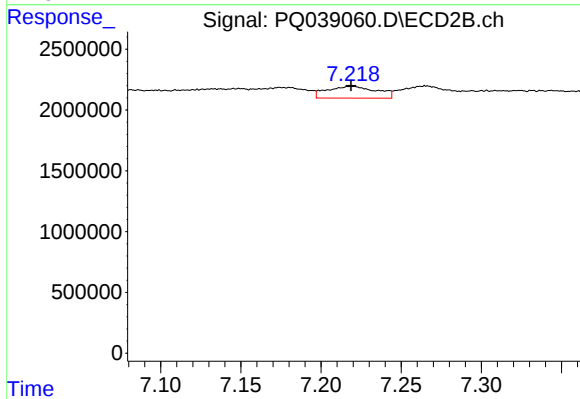
#25 AR-1248-5

R.T.: 7.265 min
Delta R.T.: 0.000 min
Response: 2042782
Conc: 24.52 ng/ml



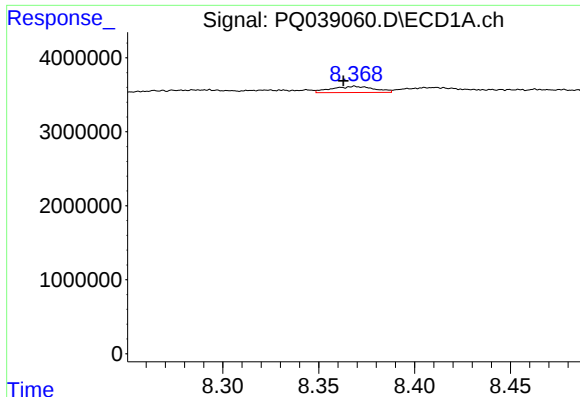
#26 AR-1254-1

R.T.: 8.123 min
Delta R.T.: -0.002 min
Response: 3452236
Conc: 20.05 ng/ml



#26 AR-1254-1

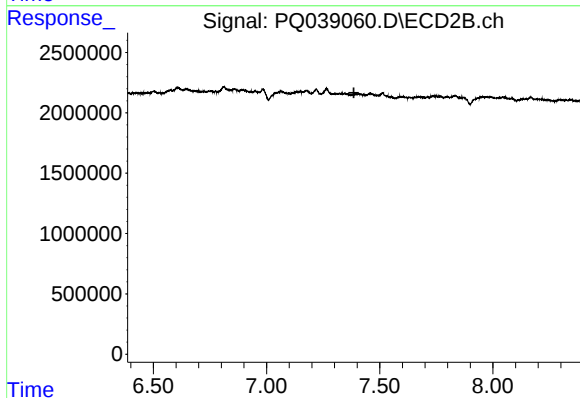
R.T.: 7.219 min
Delta R.T.: 0.000 min
Response: 2103069
Conc: 14.72 ng/ml



#27 AR-1254-2

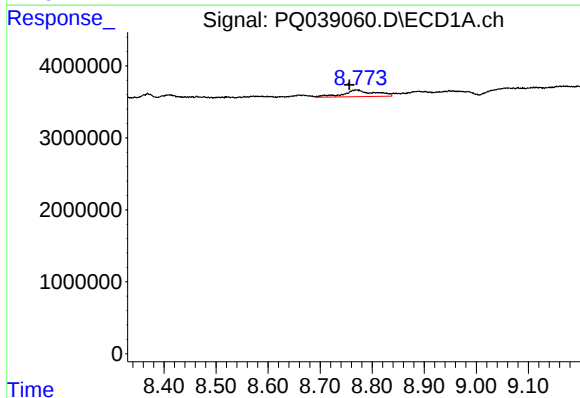
R.T.: 8.369 min
Delta R.T.: 0.006 min
Response: 1309252
Conc: 4.78 ng/ml

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



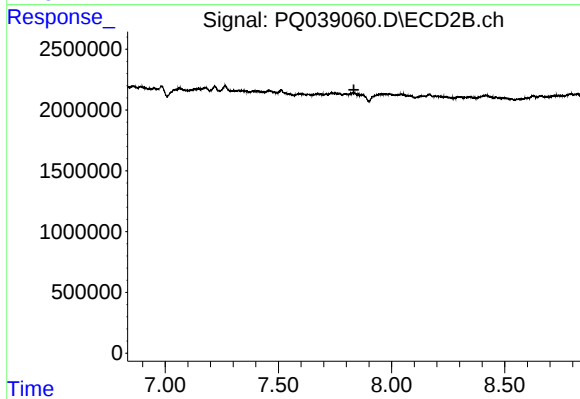
#27 AR-1254-2

R.T.: 0.000 min
Exp R.T. : 7.386 min
Response: 0
Conc: N.D.



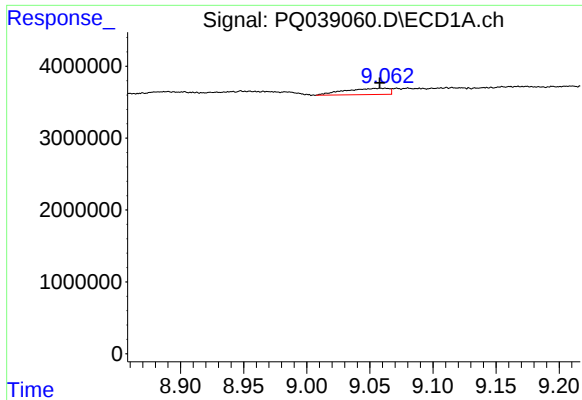
#28 AR-1254-3

R.T.: 8.769 min
Delta R.T.: 0.013 min
Response: 3958820
Conc: 12.89 ng/ml



#28 AR-1254-3

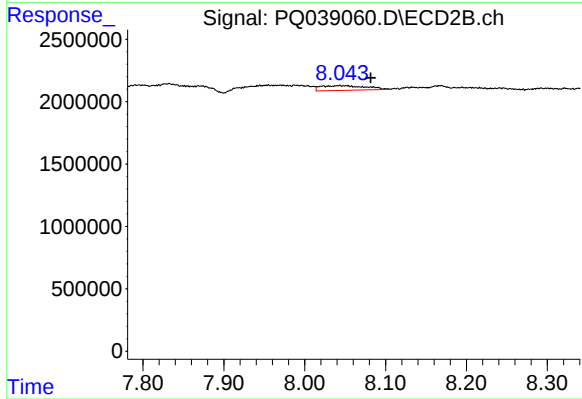
R.T.: 0.000 min
Exp R.T. : 7.834 min
Response: 0
Conc: N.D.



#29 AR-1254-4

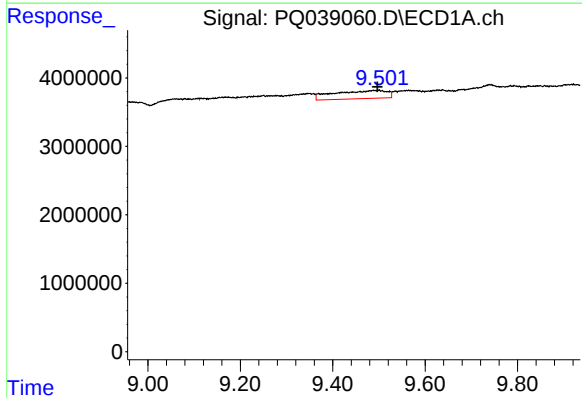
R.T.: 9.062 min
Delta R.T.: 0.004 min
Response: 2116654
Conc: 9.53 ng/ml

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



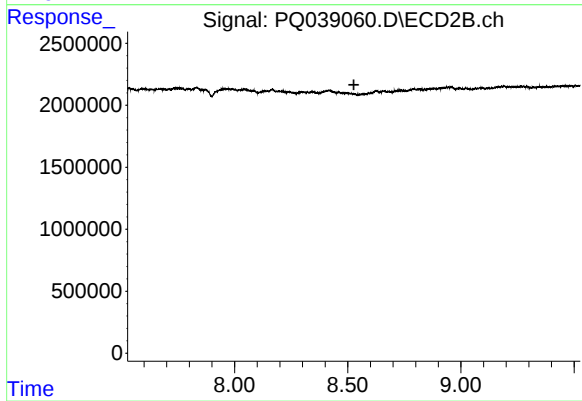
#29 AR-1254-4

R.T.: 8.043 min
Delta R.T.: -0.039 min
Response: 1450238
Conc: 10.34 ng/ml



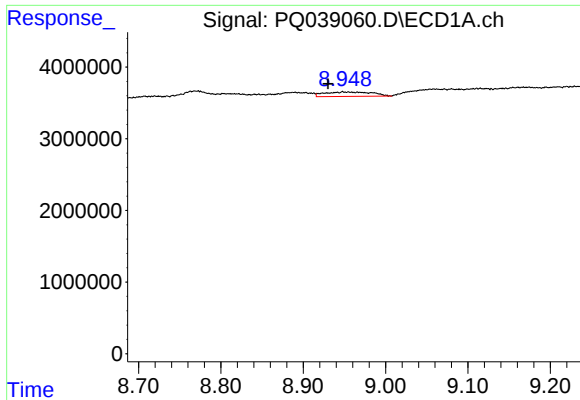
#30 AR-1254-5

R.T.: 9.499 min
Delta R.T.: 0.002 min
Response: 9526181
Conc: 36.70 ng/ml



#30 AR-1254-5

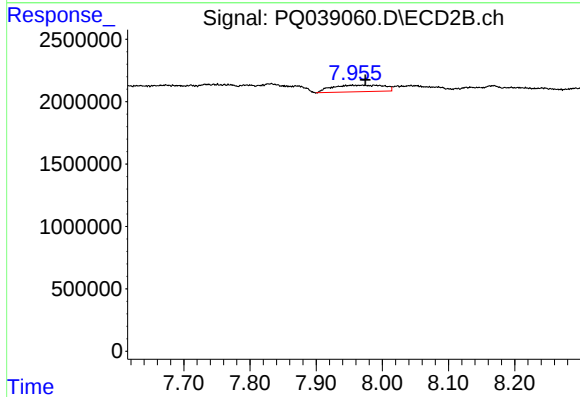
R.T.: 0.000 min
Exp R.T.: 8.527 min
Response: 0
Conc: N.D.



#31 AR-1260-1

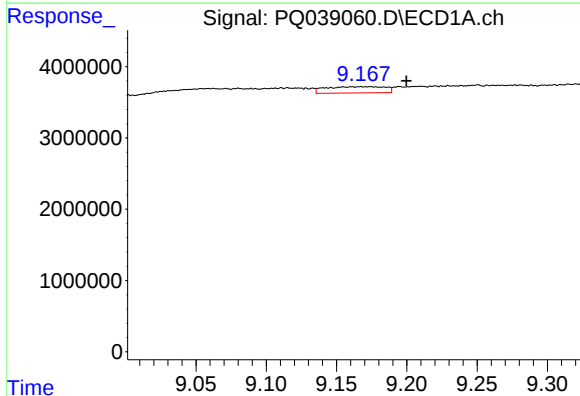
R.T.: 8.948 min
Delta R.T.: 0.018 min
Response: 2468851
Conc: 8.83 ng/ml

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



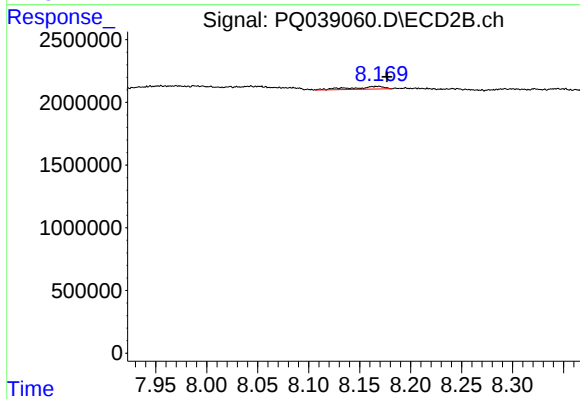
#31 AR-1260-1

R.T.: 7.970 min
Delta R.T.: -0.004 min
Response: 2866217
Conc: 15.55 ng/ml



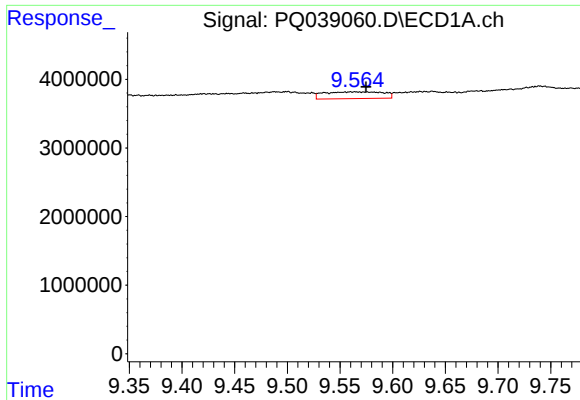
#32 AR-1260-2

R.T.: 9.167 min
Delta R.T.: -0.032 min
Response: 2580493
Conc: 7.71 ng/ml



#32 AR-1260-2

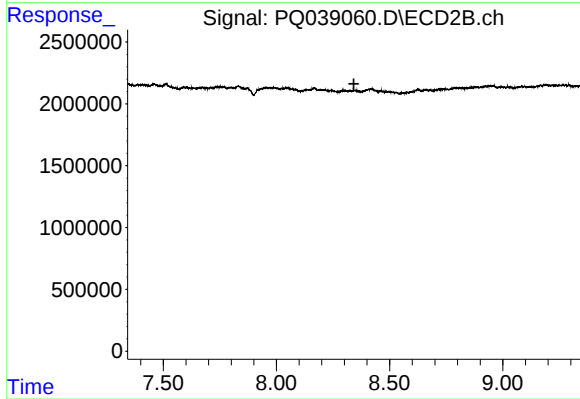
R.T.: 8.168 min
Delta R.T.: -0.008 min
Response: 470108
Conc: 2.13 ng/ml



#33 AR-1260-3

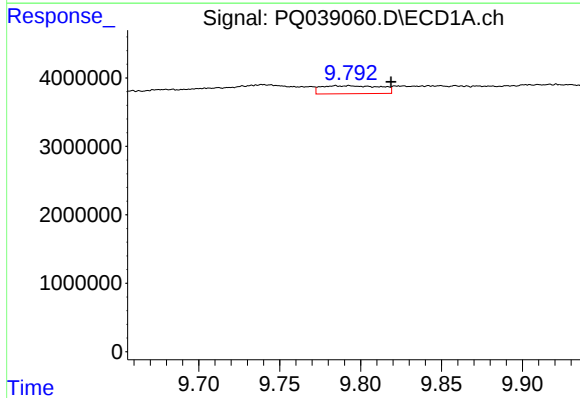
R.T.: 9.564 min
Delta R.T.: -0.011 min
Response: 3842180
Conc: 13.95 ng/ml

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



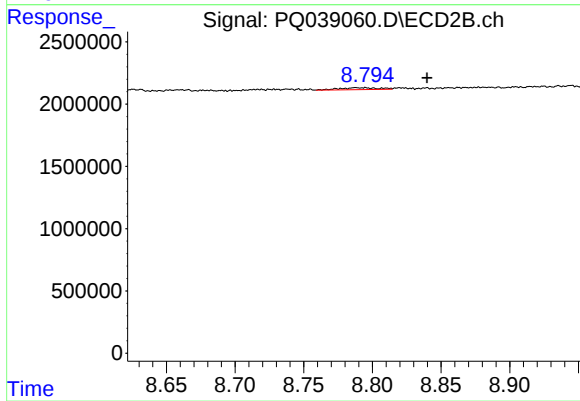
#33 AR-1260-3

R.T.: 0.000 min
Exp R.T. : 8.342 min
Response: 0
Conc: N.D.



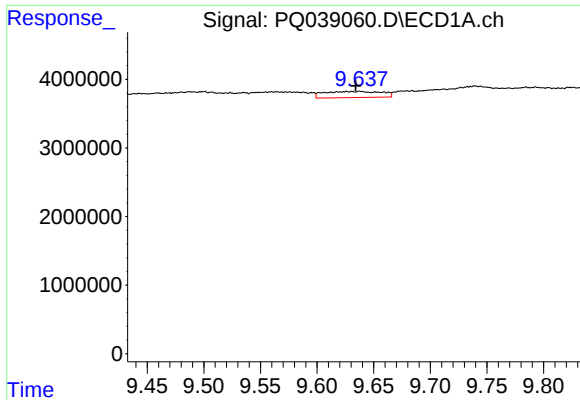
#34 AR-1260-4

R.T.: 9.793 min
Delta R.T.: -0.026 min
Response: 2948653
Conc: 9.02 ng/ml



#34 AR-1260-4

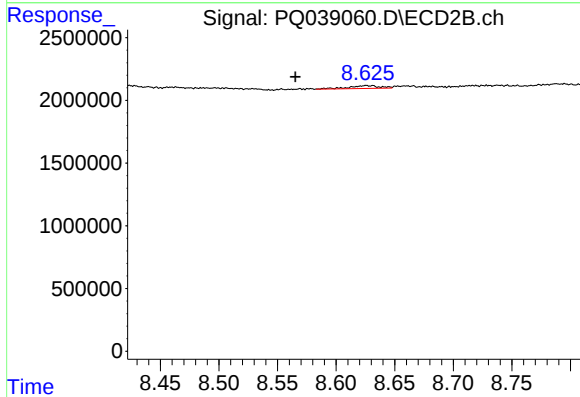
R.T.: 8.788 min
Delta R.T.: -0.052 min
Response: 293835
Conc: 1.61 ng/ml



#36 AR-1262-1

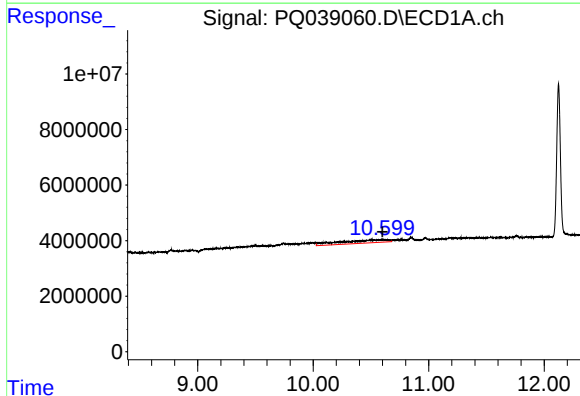
R.T.: 9.637 min
Delta R.T.: 0.003 min
Response: 3146025
Conc: 22.36 ng/ml

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



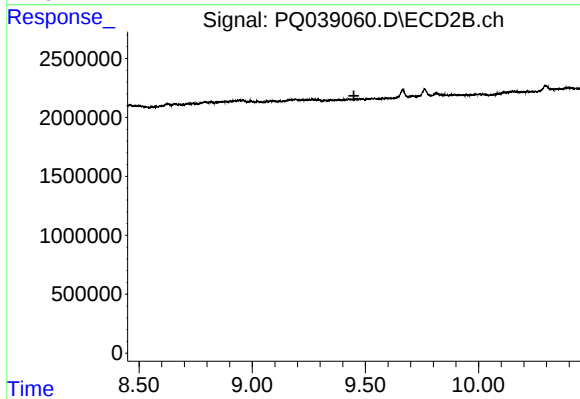
#36 AR-1262-1

R.T.: 8.626 min
Delta R.T.: 0.061 min
Response: 424955
Conc: 1.91 ng/ml



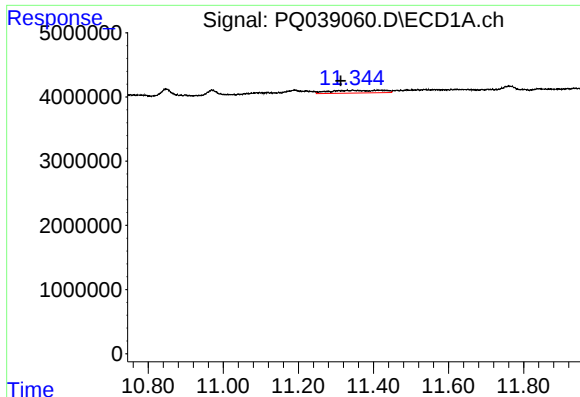
#39 AR-1262-4

R.T.: 10.599 min
Delta R.T.: -0.001 min
Response: 31796112
Conc: 89.81 ng/ml



#39 AR-1262-4

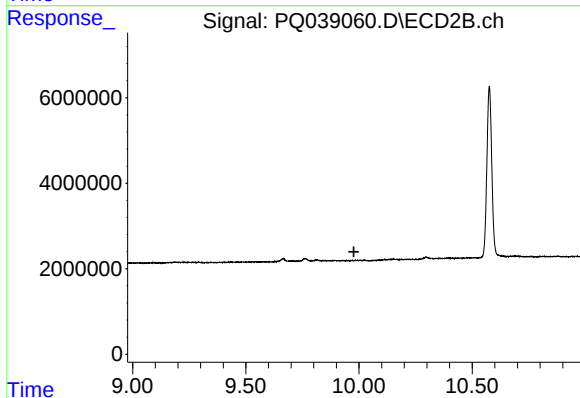
R.T.: 0.000 min
Exp R.T.: 9.449 min
Response: 0
Conc: N.D.



#40 AR-1262-5

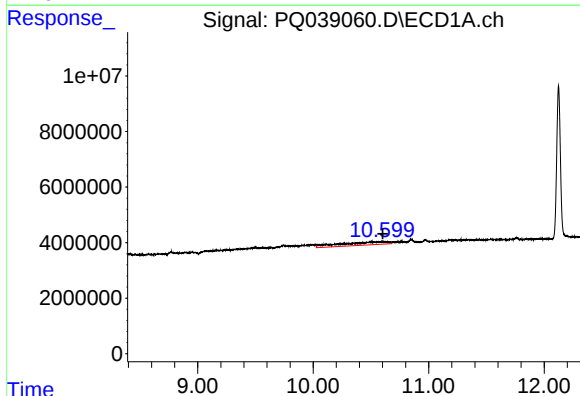
R.T.: 11.330 min
Delta R.T.: 0.017 min
Response: 4028390
Conc: 15.93 ng/ml

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



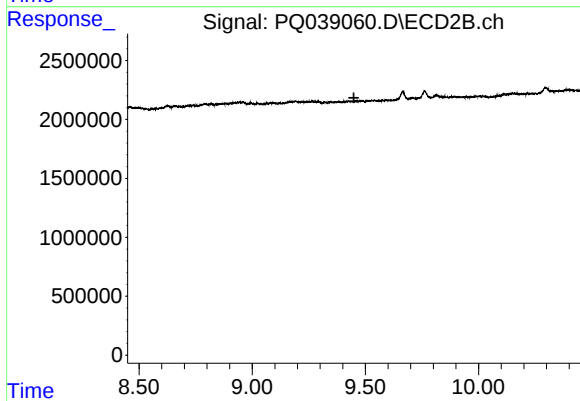
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 9.977 min
Response: 0
Conc: N.D.



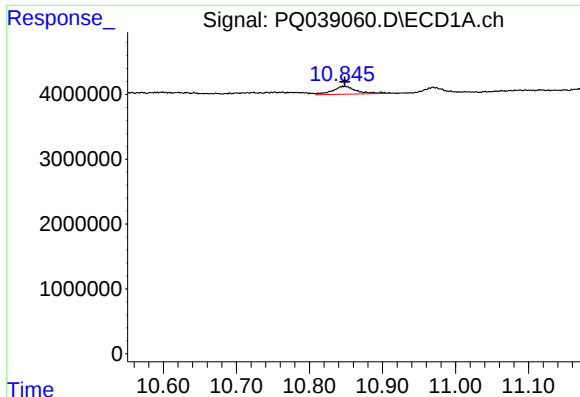
#42 AR-1268-2

R.T.: 10.599 min
Delta R.T.: -0.005 min
Response: 31796112
Conc: 39.88 ng/ml



#42 AR-1268-2

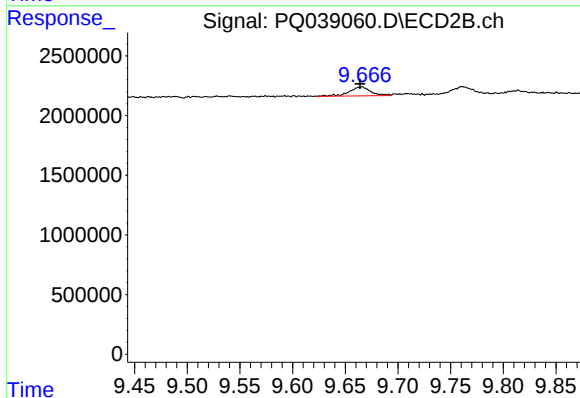
R.T.: 0.000 min
Exp R.T. : 9.449 min
Response: 0
Conc: N.D.



#43 AR-1268-3

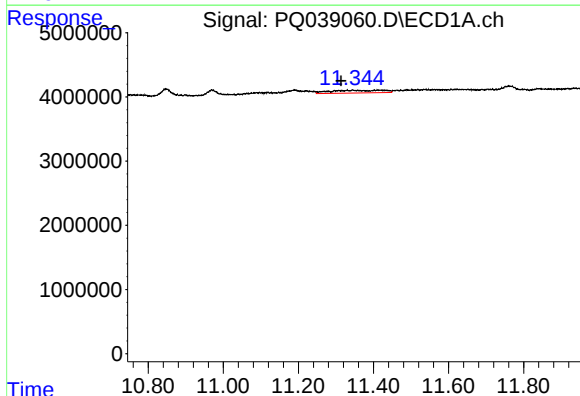
R.T.: 10.847 min
Delta R.T.: -0.001 min
Response: 2786258
Conc: 4.23 ng/ml

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



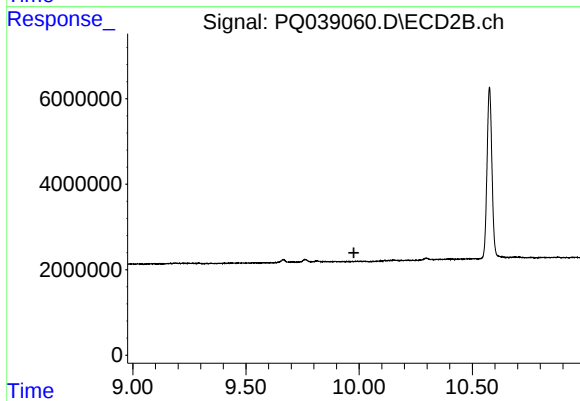
#43 AR-1268-3

R.T.: 9.665 min
Delta R.T.: 0.001 min
Response: 1075351
Conc: 2.70 ng/ml



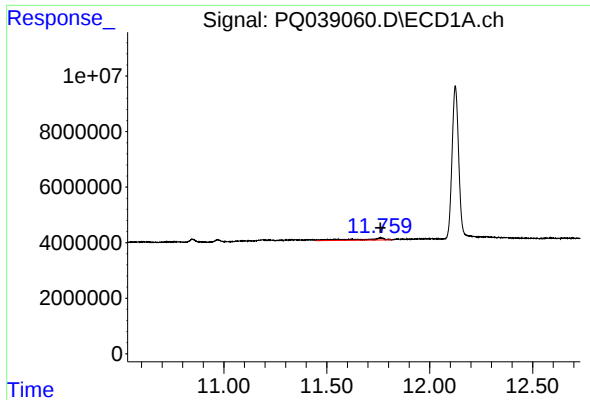
#44 AR-1268-4

R.T.: 11.330 min
Delta R.T.: 0.017 min
Response: 4028390
Conc: 14.39 ng/ml



#44 AR-1268-4

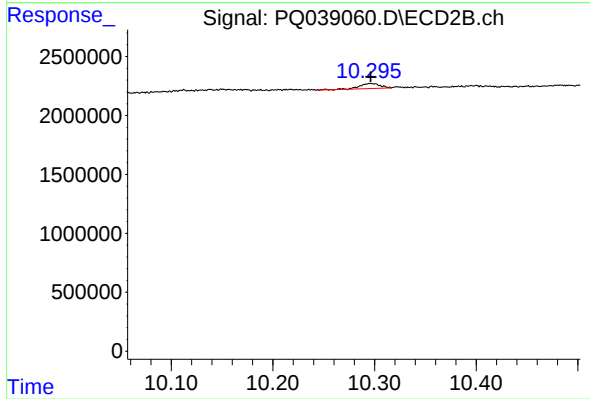
R.T.: 0.000 min
Exp R.T.: 9.977 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 11.761 min
Delta R.T.: 0.000 min
Response: 6762947
Conc: 2.97 ng/ml

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



#45 AR-1268-5

R.T.: 10.296 min
Delta R.T.: 0.000 min
Response: 610596
Conc: 0.48 ng/ml