

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ042219\
 Data File : PQ039200.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Apr 2019 10:48
 Operator : AJ\SJ
 Sample : K2241-03
 Misc : AR1660 MDL 25 PPB
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 MDL-MDL-SOIL-03-QT2-2019

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 23 00:58:43 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ042019.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Apr 20 00:43:12 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...	5.705	4.795	83237295	46623869	20.120	18.545
2)	SA Decachlor...	12.117	10.563	103.9E6	59837300	17.569	17.359
Target Compounds							
3)	L1 AR-1016-1	7.154	6.249	4126169	2743931	26.627	27.496
4)	L1 AR-1016-2	7.179	6.272	6117593	3249094	26.346	22.691
5)	L1 AR-1016-3	7.251	6.486	3837043	2475176	27.757	31.760
6)	L1 AR-1016-4	7.364	6.540	3314140	1472688	28.214	23.709
7)	L1 AR-1016-5	7.697	6.794	2532058	2059729	21.352	24.543
9)	L2 AR-1221-2	0.000	5.215	0	1143945	N.D.	56.295 #
10)	L2 AR-1221-3	0.000	5.323	0	1427784	N.D.	20.767 #
11)	L3 AR-1232-1	0.000	5.323	0	1427784	N.D.	27.948 #
12)	L3 AR-1232-2	6.837	6.272	3506690	3249094	76.678	55.202 #
13)	L3 AR-1232-3	7.179	6.486	6117593	2475176	66.296	79.252
14)	L3 AR-1232-4	7.364	6.589	3314140	1771535	72.040	62.391
15)	L3 AR-1232-5	0.000	6.794	0	2059729	N.D.	60.664 #
16)	L4 AR-1242-1	7.154	6.249	4126169	2743931	29.899	30.829
17)	L4 AR-1242-2	7.179	6.272	6117593	3249094	30.558	25.759
18)	L4 AR-1242-3	7.251	6.486	3837043	2475176	31.287	36.013
19)	L4 AR-1242-4	7.364	6.589	3314140	1771535	32.570	25.828
20)	L4 AR-1242-5	0.000	7.202	0	2113942	N.D.	23.366 #
21)	L5 AR-1248-1	7.154	6.249	4126169	2743931	43.606	43.662
22)	L5 AR-1248-2	0.000	6.540	0	1472688	N.D.	17.245 #
23)	L5 AR-1248-3	7.697	6.589	2532058	1771535	16.173	19.654
24)	L5 AR-1248-4	8.117	6.794	1604442	2059729	8.957	18.532 #
25)	L5 AR-1248-5	0.000	7.248	0	741458	N.D.	6.550 #
26)	L6 AR-1254-1	8.117	7.202	1604442	2113942	7.770	10.317 #
27)	L6 AR-1254-2	0.000	7.369	0	1324597	N.D.	7.475 #
28)	L6 AR-1254-3	8.809	7.834	3885548	2991035	10.938	9.771
29)	L6 AR-1254-4	0.000	8.099	0	844410	N.D.	4.602 #
30)	L6 AR-1254-5	9.490	8.513	6787446	5798554	24.146	22.162
31)	L7 AR-1260-1	8.922	7.959	7013347	4889225	30.967	28.797
32)	L7 AR-1260-2	9.191	8.162	7688444	6250815	28.067	30.493
33)	L7 AR-1260-3	9.568	8.327	5366492	5509149	24.050	28.248
34)	L7 AR-1260-4	9.813	8.826	7123280	4622957	26.797	27.882
35)	L7 AR-1260-5	10.159	9.077	11862778	9641730	23.139	23.598
36)	L8 AR-1262-1	9.629	8.551	2888879	4570796	20.768	16.887
37)	L8 AR-1262-2	10.159	9.077	11862778	9641730	18.835	18.985
38)	L8 AR-1262-3	10.516	9.371	6993903	2460009	16.353	12.949
39)	L8 AR-1262-4	0.000	9.438	0	7265986	N.D.	19.578 #
40)	L8 AR-1262-5	0.000	9.966	0	2413641	N.D.	15.392 #
41)	L9 AR-1268-1	10.516	9.371	6993903	2460009	9.272	4.278 #
42)	L9 AR-1268-2	0.000	9.438	0	7265986	N.D.	13.497 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ042219\
Data File : PQ039200.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2019 10:48
Operator : AJ\SJ
Sample : K2241-03
Misc : AR1660 MDL 25 PPB
ALS Vial : 5 Sample Multiplier: 1

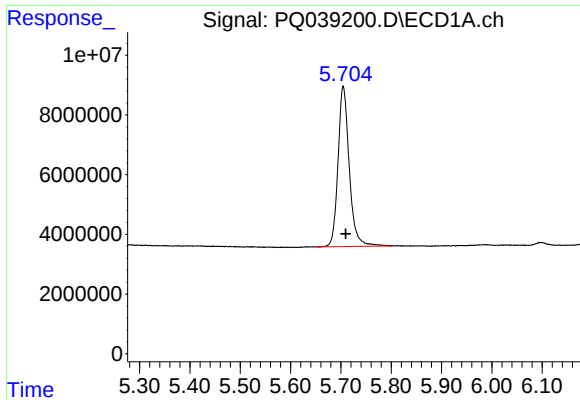
Instrument :
ECD_Q
ClientSampleId :
MDL-MDL-SOIL-03-QT2-2019

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 23 00:58:43 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ042019.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Apr 20 00:43:12 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
44)	L9 AR-1268-4	0.000	9.966	0	2413641	N.D.	13.707 #
45)	L9 AR-1268-5	0.000	10.285	0	1067369	N.D.	0.771 #

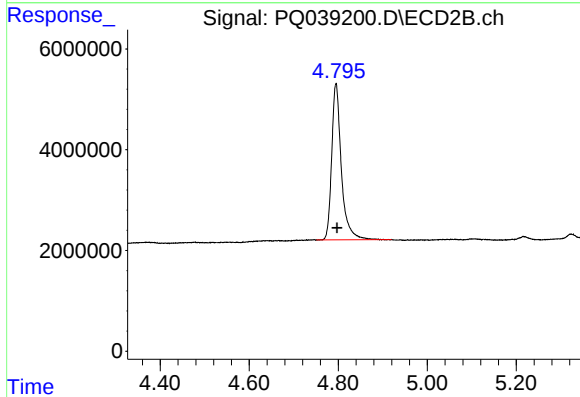
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

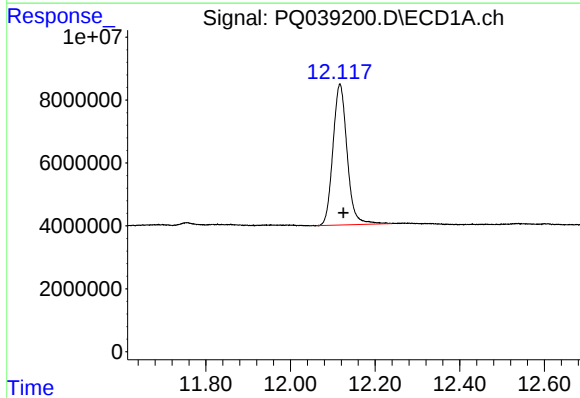
R.T.: 5.705 min
Delta R.T.: -0.005 min
Response: 83237295
Conc: 20.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-MDL-SOIL-03-QT2-2019



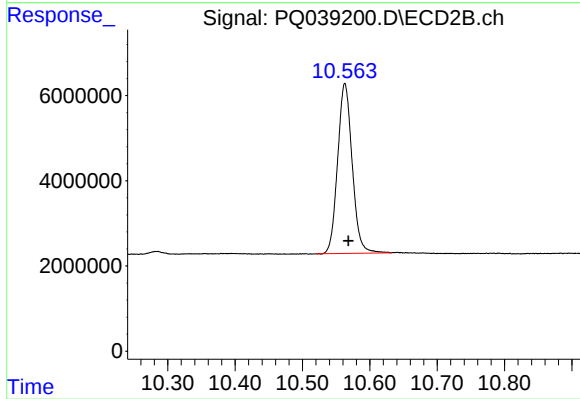
#1 Tetrachloro-m-xylene

R.T.: 4.795 min
Delta R.T.: -0.003 min
Response: 46623869
Conc: 18.55 ng/ml



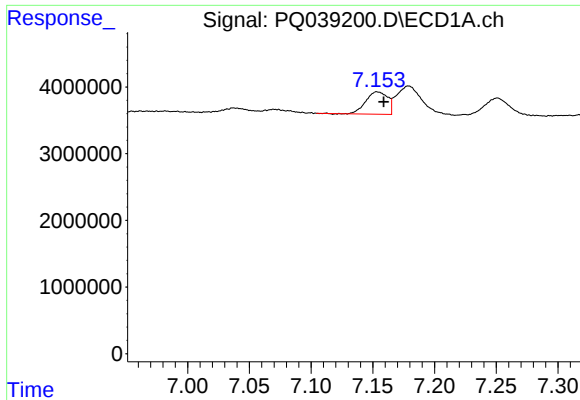
#2 Decachlorobiphenyl

R.T.: 12.117 min
Delta R.T.: -0.008 min
Response: 103906088
Conc: 17.57 ng/ml



#2 Decachlorobiphenyl

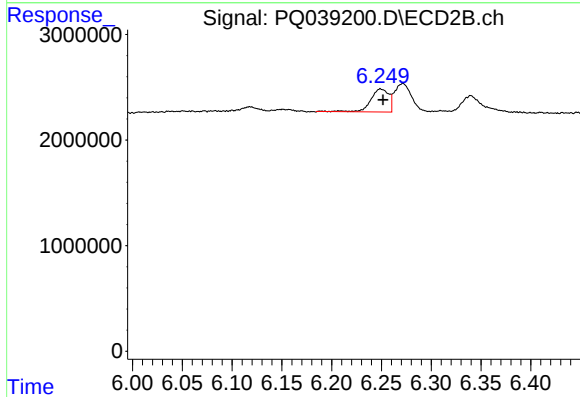
R.T.: 10.563 min
Delta R.T.: -0.005 min
Response: 59837300
Conc: 17.36 ng/ml



#3 AR-1016-1

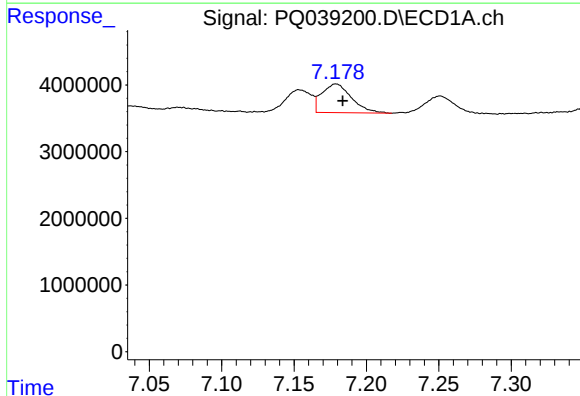
R.T.: 7.154 min
Delta R.T.: -0.005 min
Response: 4126169
Conc: 26.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-MDL-SOIL-03-QT2-2019



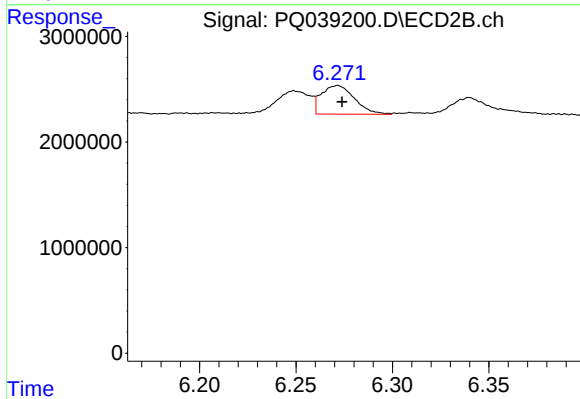
#3 AR-1016-1

R.T.: 6.249 min
Delta R.T.: -0.003 min
Response: 2743931
Conc: 27.50 ng/ml



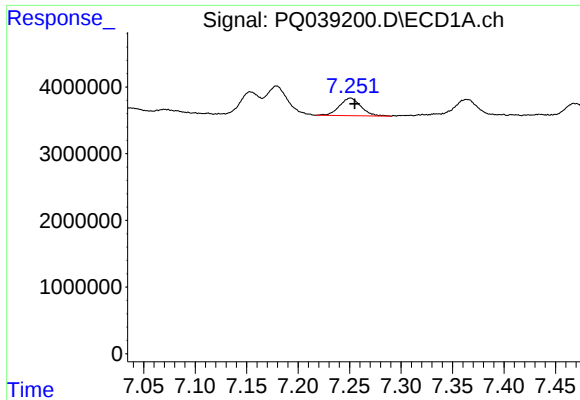
#4 AR-1016-2

R.T.: 7.179 min
Delta R.T.: -0.005 min
Response: 6117593
Conc: 26.35 ng/ml



#4 AR-1016-2

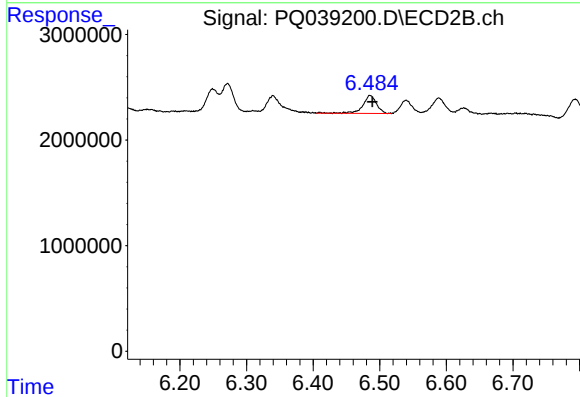
R.T.: 6.272 min
Delta R.T.: -0.002 min
Response: 3249094
Conc: 22.69 ng/ml



#5 AR-1016-3

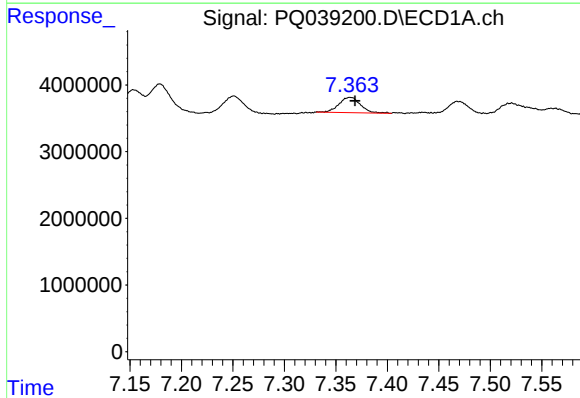
R.T.: 7.251 min
Delta R.T.: -0.004 min
Response: 3837043
Conc: 27.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-MDL-SOIL-03-QT2-2019



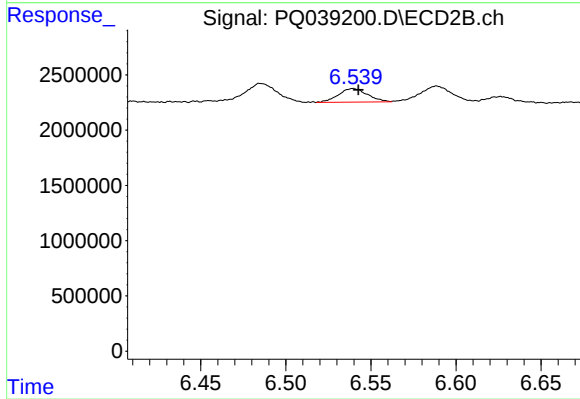
#5 AR-1016-3

R.T.: 6.486 min
Delta R.T.: -0.004 min
Response: 2475176
Conc: 31.76 ng/ml



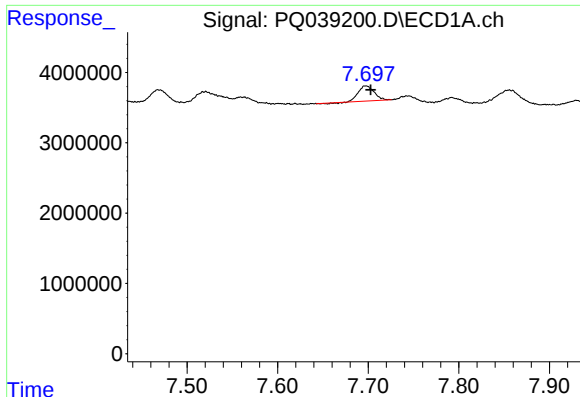
#6 AR-1016-4

R.T.: 7.364 min
Delta R.T.: -0.004 min
Response: 3314140
Conc: 28.21 ng/ml



#6 AR-1016-4

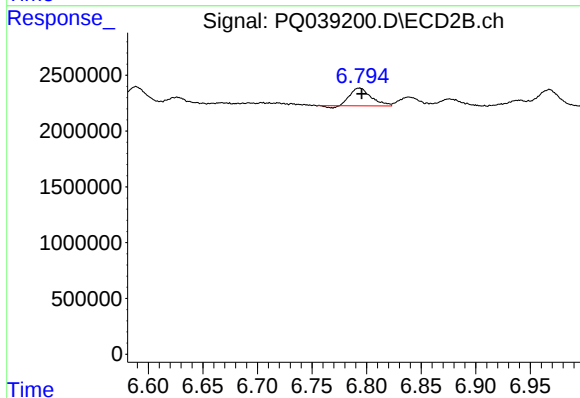
R.T.: 6.540 min
Delta R.T.: -0.003 min
Response: 1472688
Conc: 23.71 ng/ml



#7 AR-1016-5

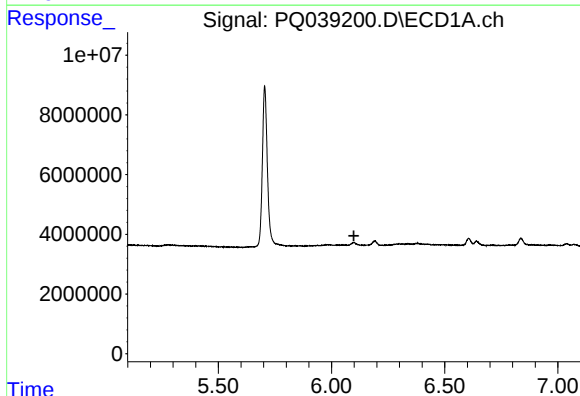
R.T.: 7.697 min
Delta R.T.: -0.005 min
Response: 2532058
Conc: 21.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-MDL-SOIL-03-QT2-2019



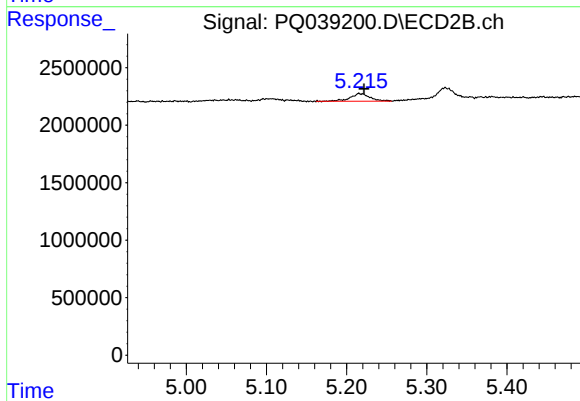
#7 AR-1016-5

R.T.: 6.794 min
Delta R.T.: -0.002 min
Response: 2059729
Conc: 24.54 ng/ml



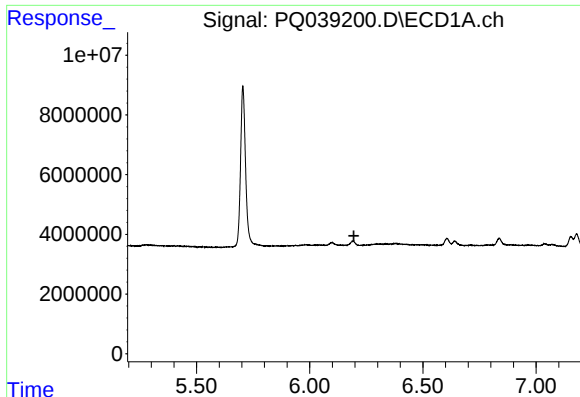
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 6.099 min
Response: 0
Conc: N.D.



#9 AR-1221-2

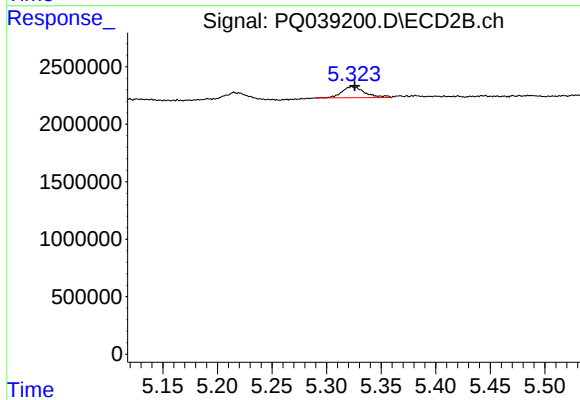
R.T.: 5.215 min
Delta R.T.: -0.007 min
Response: 1143945
Conc: 56.30 ng/ml



#10 AR-1221-3

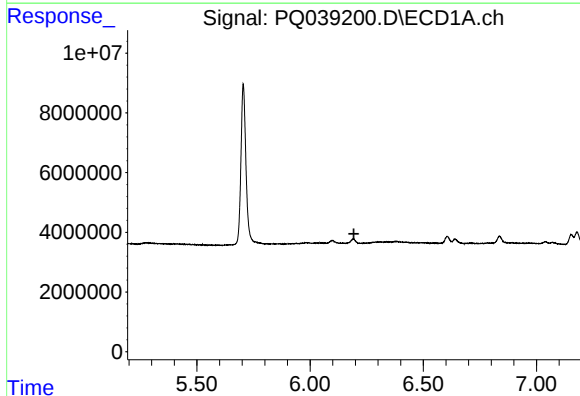
R.T.: 0.000 min
Exp R.T. : 6.195 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
MDL-MDL-SOIL-03-QT2-2019



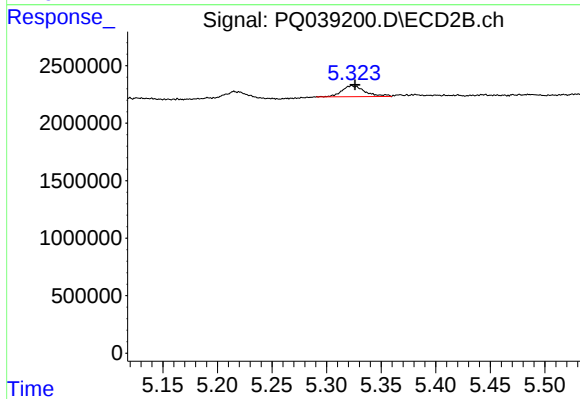
#10 AR-1221-3

R.T.: 5.323 min
Delta R.T.: -0.003 min
Response: 1427784
Conc: 20.77 ng/ml



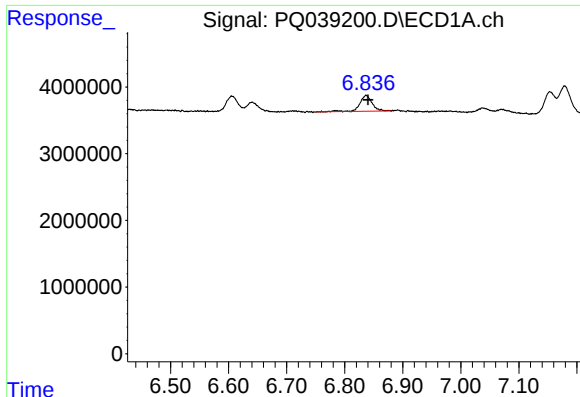
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 6.193 min
Response: 0
Conc: N.D.



#11 AR-1232-1

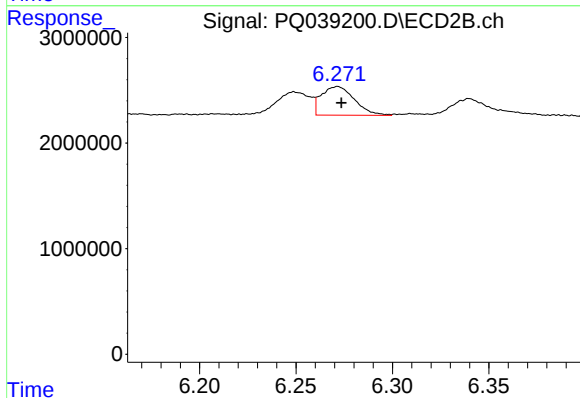
R.T.: 5.323 min
Delta R.T.: -0.003 min
Response: 1427784
Conc: 27.95 ng/ml



#12 AR-1232-2

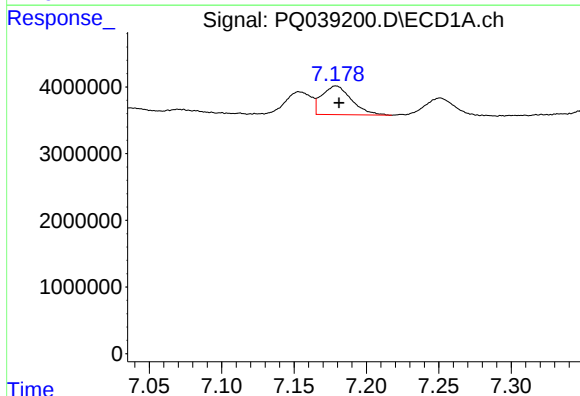
R.T.: 6.837 min
Delta R.T.: -0.003 min
Response: 3506690
Conc: 76.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-MDL-SOIL-03-QT2-2019



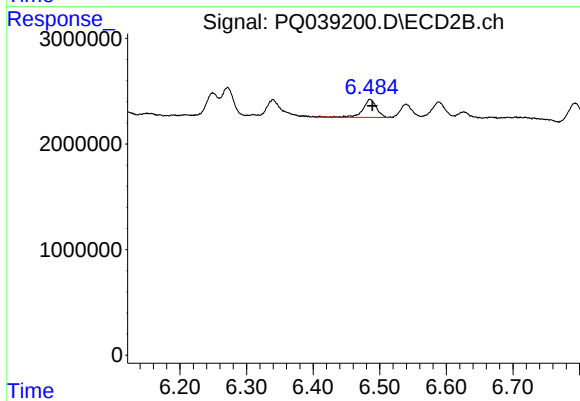
#12 AR-1232-2

R.T.: 6.272 min
Delta R.T.: -0.002 min
Response: 3249094
Conc: 55.20 ng/ml



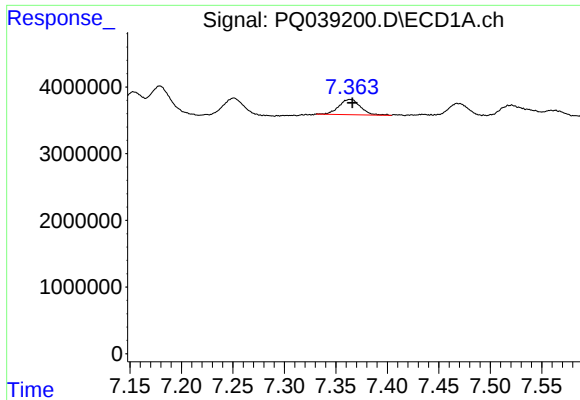
#13 AR-1232-3

R.T.: 7.179 min
Delta R.T.: -0.002 min
Response: 6117593
Conc: 66.30 ng/ml



#13 AR-1232-3

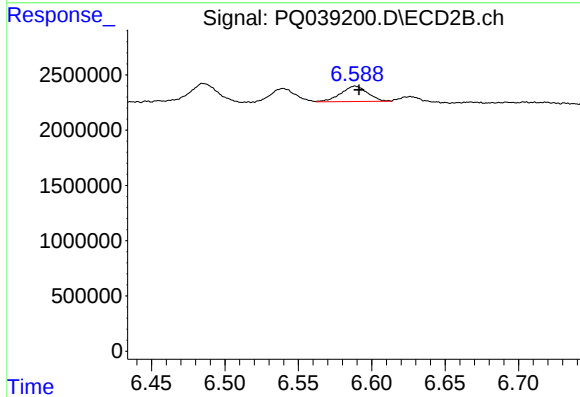
R.T.: 6.486 min
Delta R.T.: -0.003 min
Response: 2475176
Conc: 79.25 ng/ml



#14 AR-1232-4

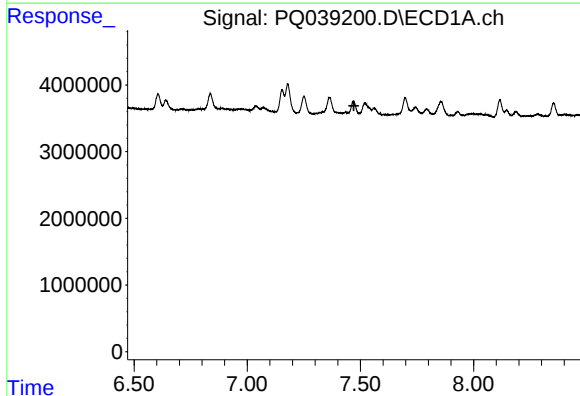
R.T.: 7.364 min
Delta R.T.: -0.002 min
Response: 3314140
Conc: 72.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-MDL-SOIL-03-QT2-2019



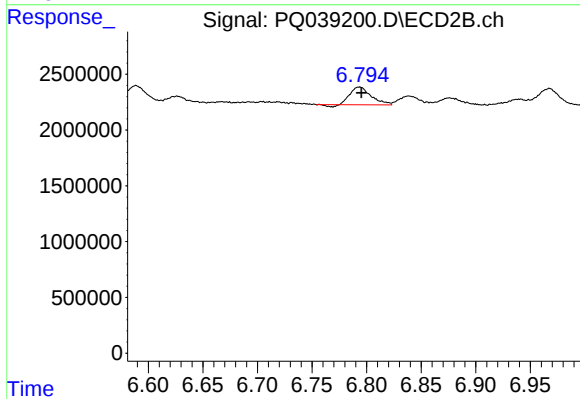
#14 AR-1232-4

R.T.: 6.589 min
Delta R.T.: -0.003 min
Response: 1771535
Conc: 62.39 ng/ml



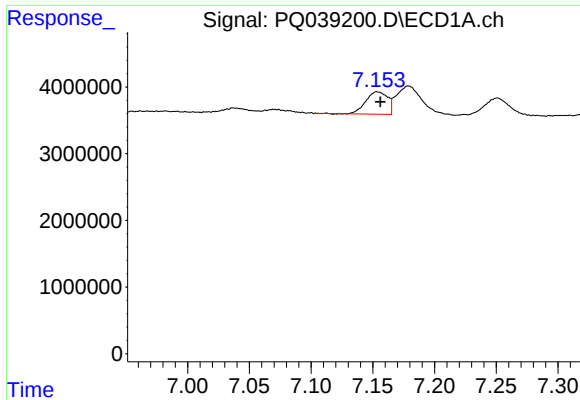
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 7.471 min
Response: 0
Conc: N.D.



#15 AR-1232-5

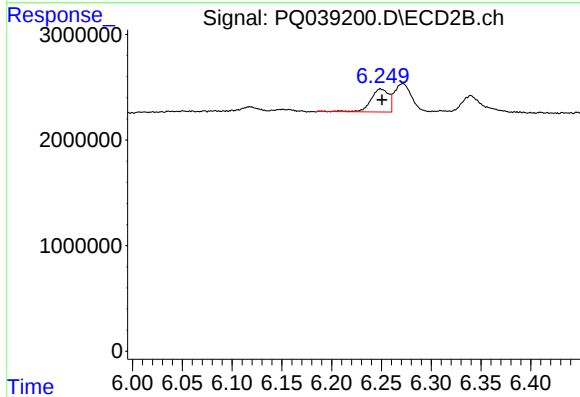
R.T.: 6.794 min
Delta R.T.: -0.002 min
Response: 2059729
Conc: 60.66 ng/ml



#16 AR-1242-1

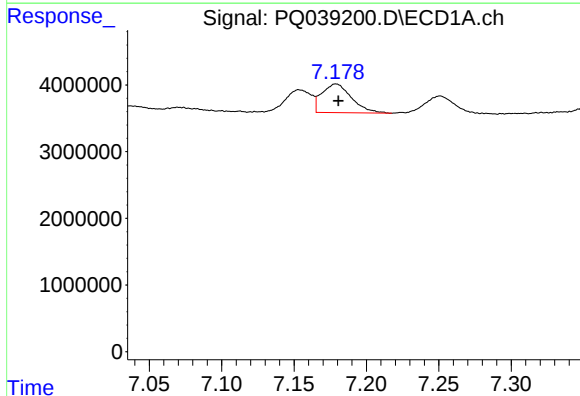
R.T.: 7.154 min
Delta R.T.: -0.002 min
Response: 4126169
Conc: 29.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-MDL-SOIL-03-QT2-2019



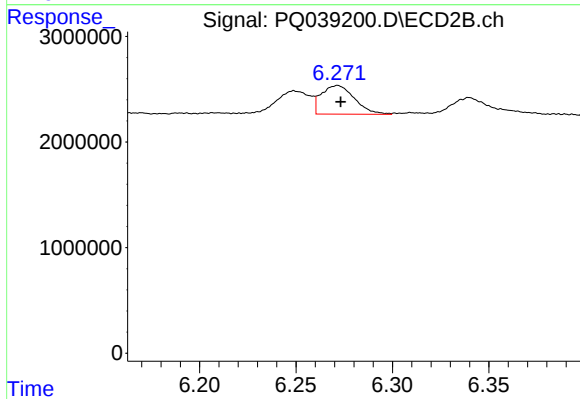
#16 AR-1242-1

R.T.: 6.249 min
Delta R.T.: -0.002 min
Response: 2743931
Conc: 30.83 ng/ml



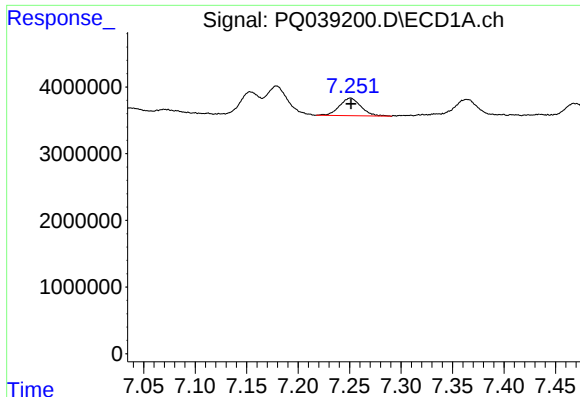
#17 AR-1242-2

R.T.: 7.179 min
Delta R.T.: -0.002 min
Response: 6117593
Conc: 30.56 ng/ml



#17 AR-1242-2

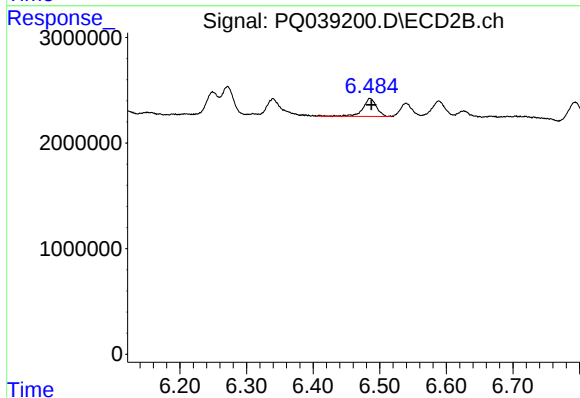
R.T.: 6.272 min
Delta R.T.: -0.002 min
Response: 3249094
Conc: 25.76 ng/ml



#18 AR-1242-3

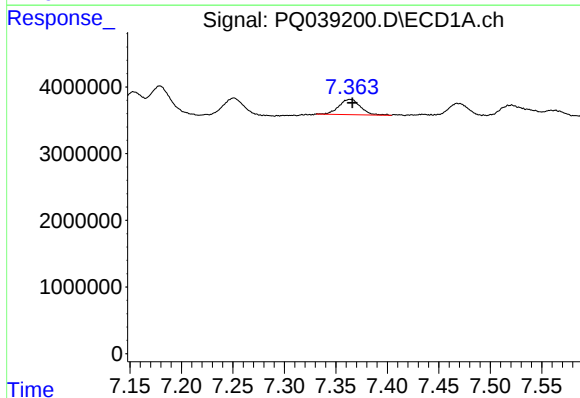
R.T.: 7.251 min
Delta R.T.: 0.000 min
Response: 3837043
Conc: 31.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-MDL-SOIL-03-QT2-2019



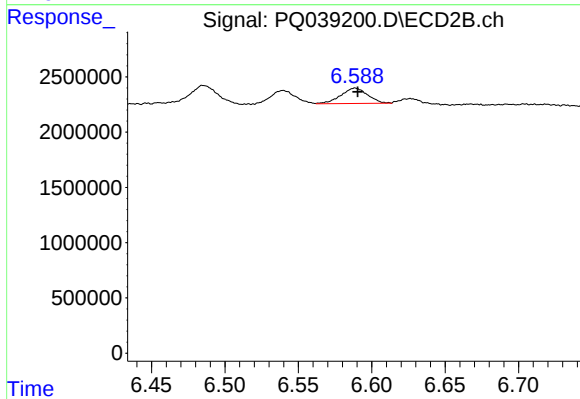
#18 AR-1242-3

R.T.: 6.486 min
Delta R.T.: -0.002 min
Response: 2475176
Conc: 36.01 ng/ml



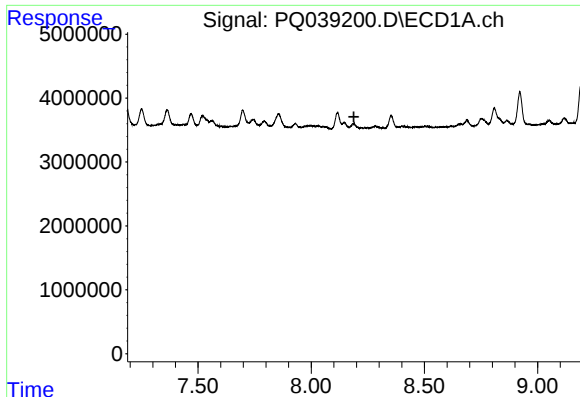
#19 AR-1242-4

R.T.: 7.364 min
Delta R.T.: -0.002 min
Response: 3314140
Conc: 32.57 ng/ml



#19 AR-1242-4

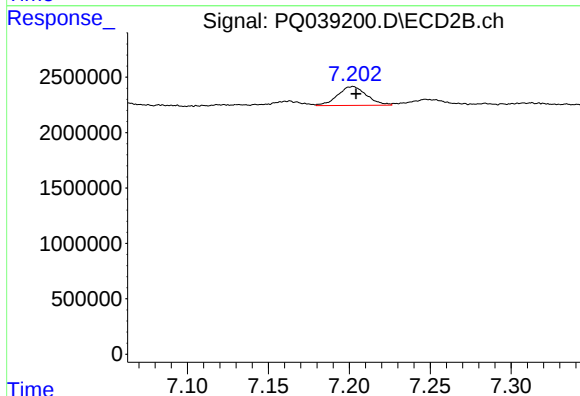
R.T.: 6.589 min
Delta R.T.: -0.002 min
Response: 1771535
Conc: 25.83 ng/ml



#20 AR-1242-5

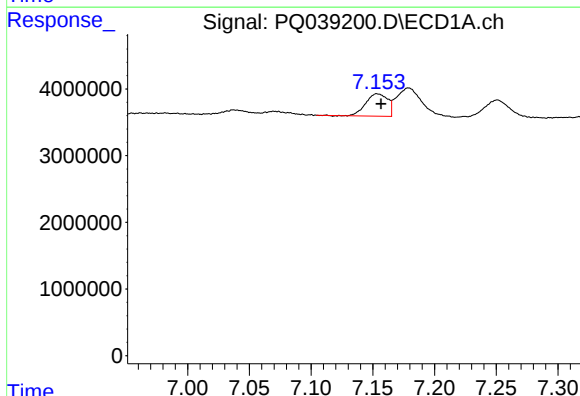
R.T.: 0.000 min
Exp R.T.: 8.188 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
MDL-MDL-SOIL-03-QT2-2019



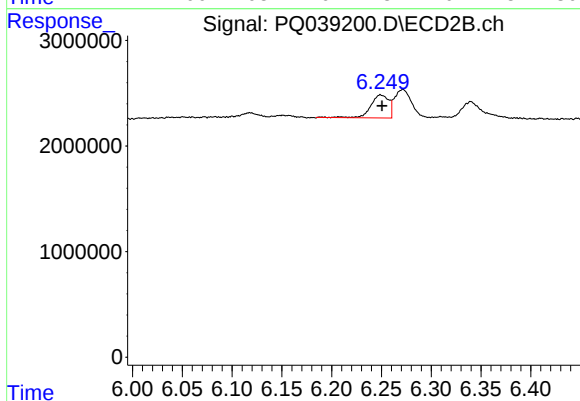
#20 AR-1242-5

R.T.: 7.202 min
Delta R.T.: -0.002 min
Response: 2113942
Conc: 23.37 ng/ml



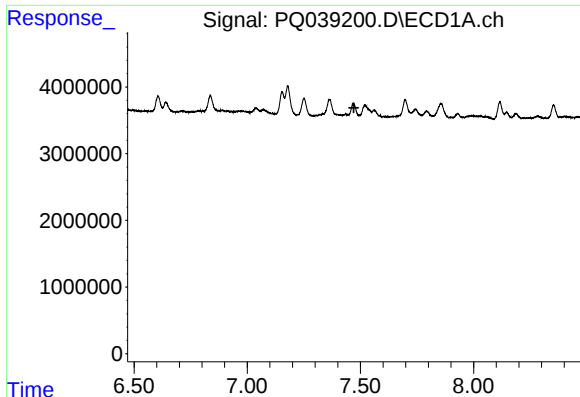
#21 AR-1248-1

R.T.: 7.154 min
Delta R.T.: -0.003 min
Response: 4126169
Conc: 43.61 ng/ml



#21 AR-1248-1

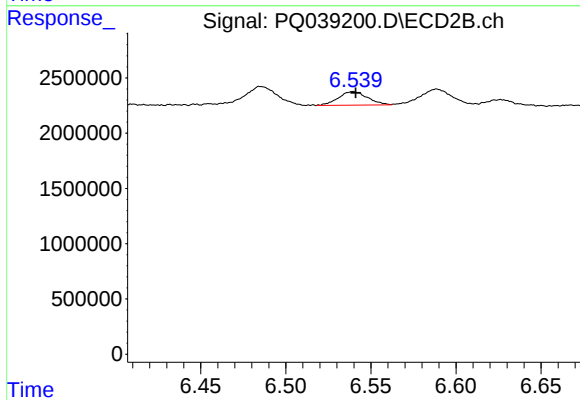
R.T.: 6.249 min
Delta R.T.: -0.002 min
Response: 2743931
Conc: 43.66 ng/ml



#22 AR-1248-2

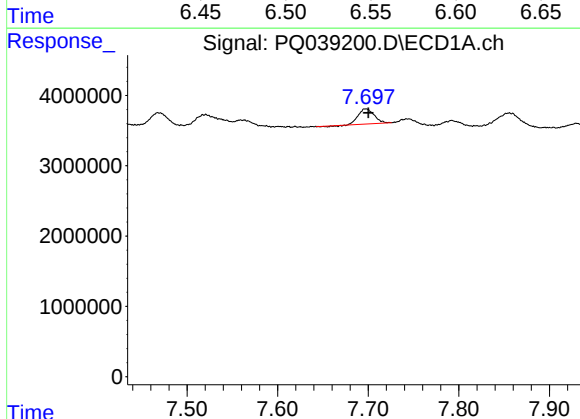
R.T.: 0.000 min
Exp R.T.: 7.471 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
MDL-MDL-SOIL-03-QT2-2019



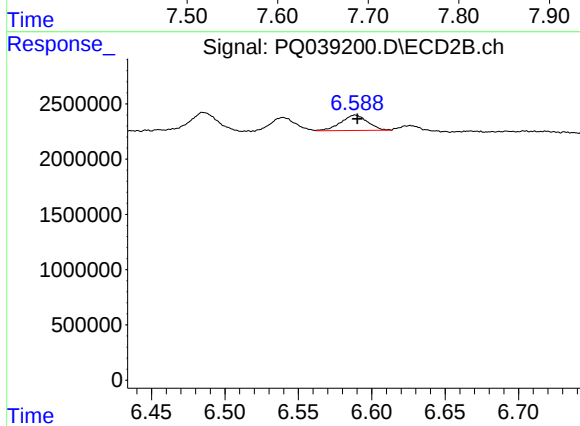
#22 AR-1248-2

R.T.: 6.540 min
Delta R.T.: -0.002 min
Response: 1472688
Conc: 17.25 ng/ml



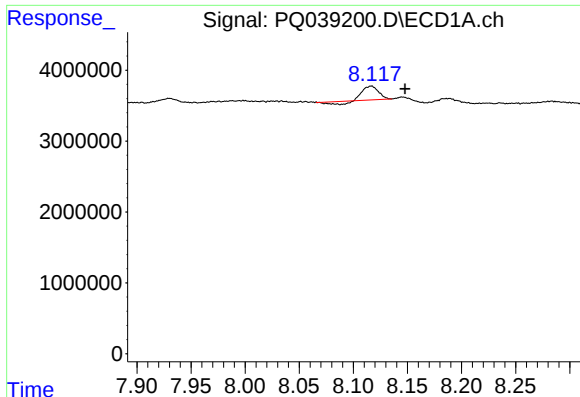
#23 AR-1248-3

R.T.: 7.697 min
Delta R.T.: -0.003 min
Response: 2532058
Conc: 16.17 ng/ml



#23 AR-1248-3

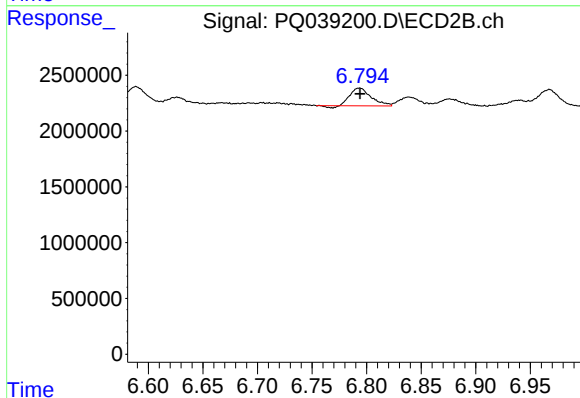
R.T.: 6.589 min
Delta R.T.: -0.002 min
Response: 1771535
Conc: 19.65 ng/ml



#24 AR-1248-4

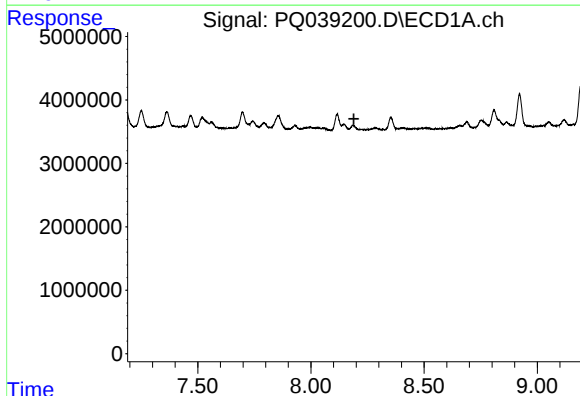
R.T.: 8.117 min
Delta R.T.: -0.031 min
Response: 1604442
Conc: 8.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-MDL-SOIL-03-QT2-2019



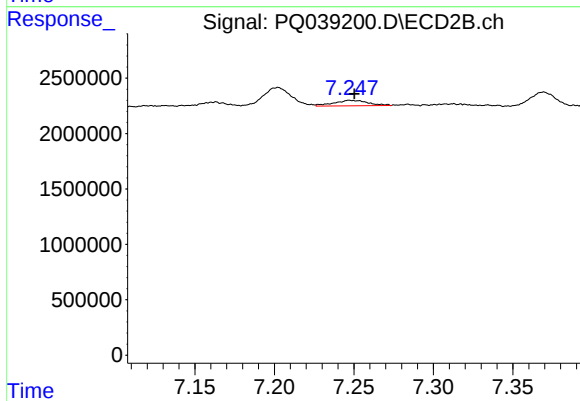
#24 AR-1248-4

R.T.: 6.794 min
Delta R.T.: 0.000 min
Response: 2059729
Conc: 18.53 ng/ml



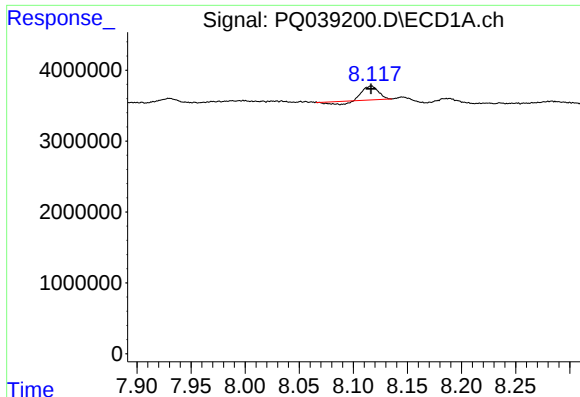
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T. : 8.190 min
Response: 0
Conc: N.D.



#25 AR-1248-5

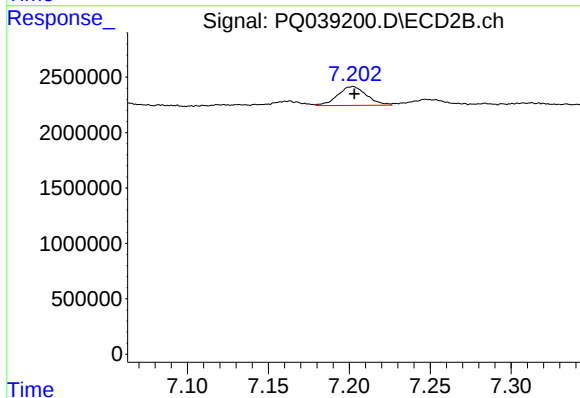
R.T.: 7.248 min
Delta R.T.: -0.003 min
Response: 741458
Conc: 6.55 ng/ml



#26 AR-1254-1

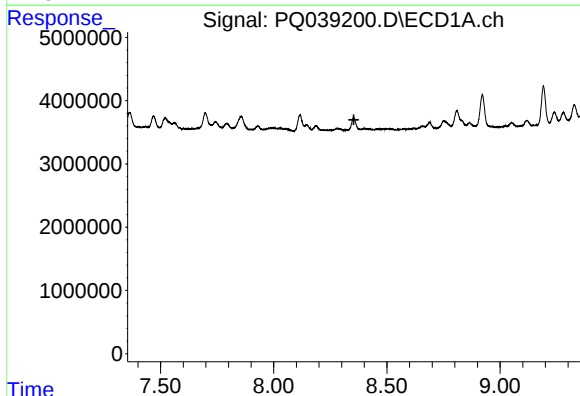
R.T.: 8.117 min
Delta R.T.: 0.000 min
Response: 1604442
Conc: 7.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-MDL-SOIL-03-QT2-2019



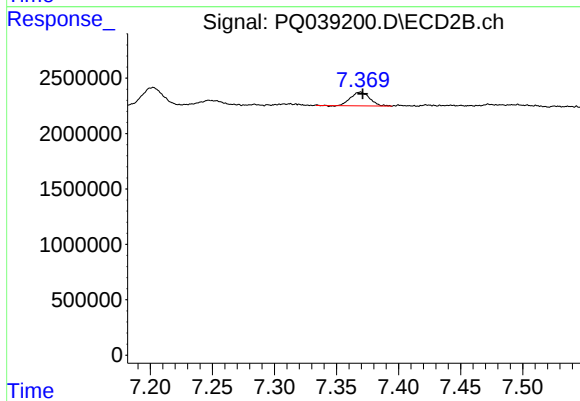
#26 AR-1254-1

R.T.: 7.202 min
Delta R.T.: -0.001 min
Response: 2113942
Conc: 10.32 ng/ml



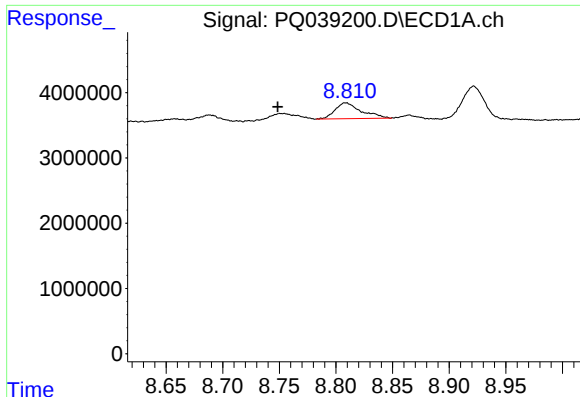
#27 AR-1254-2

R.T.: 0.000 min
Exp R.T. : 8.354 min
Response: 0
Conc: N.D.



#27 AR-1254-2

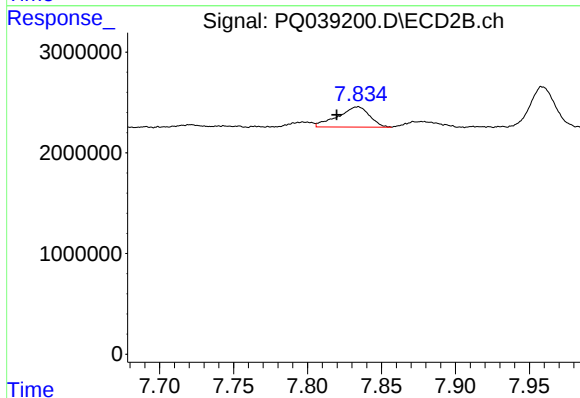
R.T.: 7.369 min
Delta R.T.: -0.002 min
Response: 1324597
Conc: 7.48 ng/ml



#28 AR-1254-3

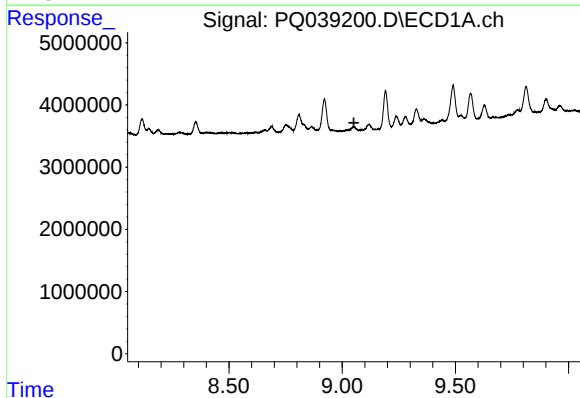
R.T.: 8.809 min
Delta R.T.: 0.060 min
Response: 3885548
Conc: 10.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-MDL-SOIL-03-QT2-2019



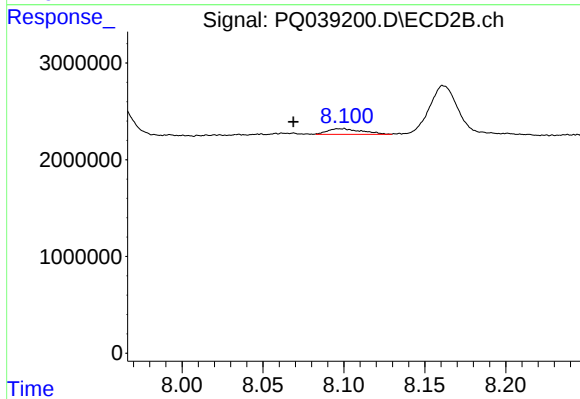
#28 AR-1254-3

R.T.: 7.834 min
Delta R.T.: 0.014 min
Response: 2991035
Conc: 9.77 ng/ml



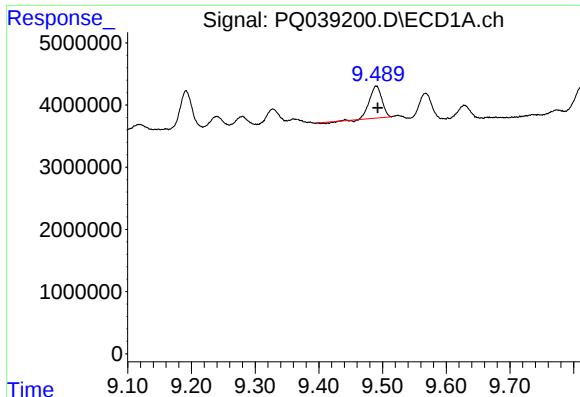
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T. : 9.052 min
Response: 0
Conc: N.D.



#29 AR-1254-4

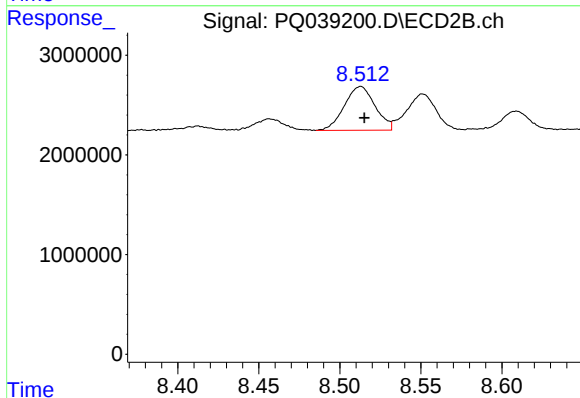
R.T.: 8.099 min
Delta R.T.: 0.030 min
Response: 844410
Conc: 4.60 ng/ml



#30 AR-1254-5

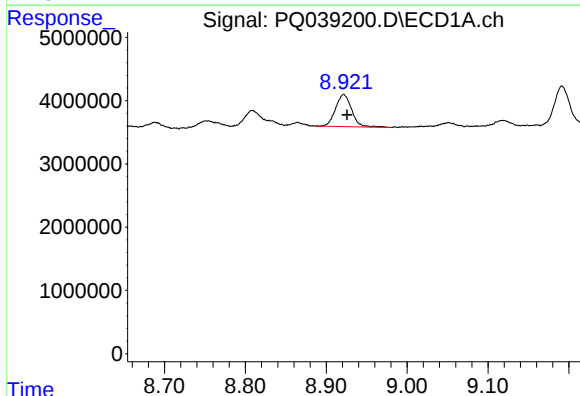
R.T.: 9.490 min
Delta R.T.: -0.002 min
Response: 6787446
Conc: 24.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-MDL-SOIL-03-QT2-2019



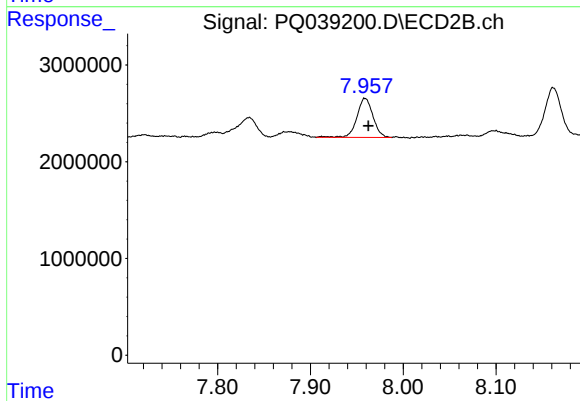
#30 AR-1254-5

R.T.: 8.513 min
Delta R.T.: -0.002 min
Response: 5798554
Conc: 22.16 ng/ml



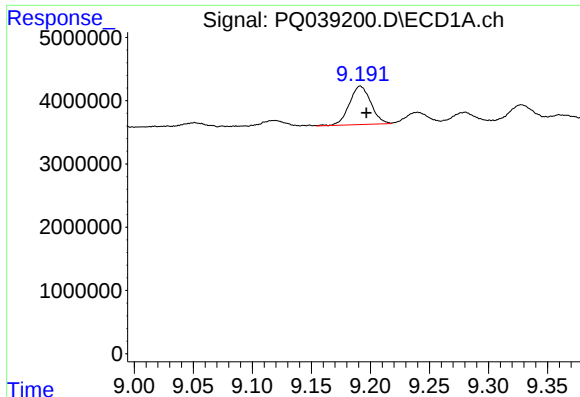
#31 AR-1260-1

R.T.: 8.922 min
Delta R.T.: -0.004 min
Response: 7013347
Conc: 30.97 ng/ml



#31 AR-1260-1

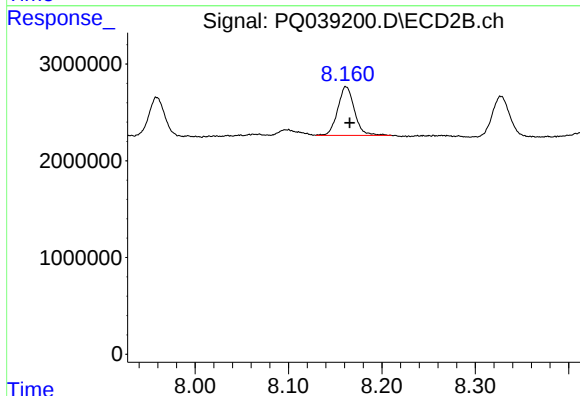
R.T.: 7.959 min
Delta R.T.: -0.003 min
Response: 4889225
Conc: 28.80 ng/ml



#32 AR-1260-2

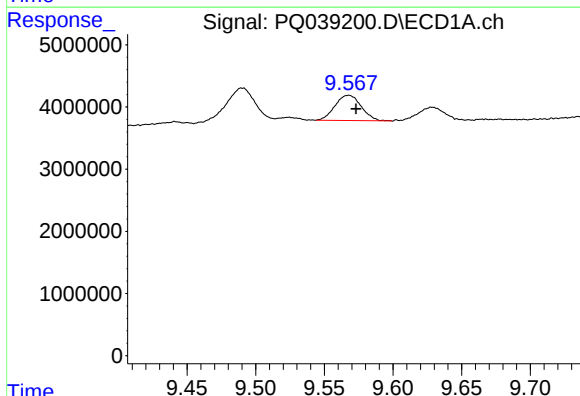
R.T.: 9.191 min
Delta R.T.: -0.005 min
Response: 7688444
Conc: 28.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-MDL-SOIL-03-QT2-2019



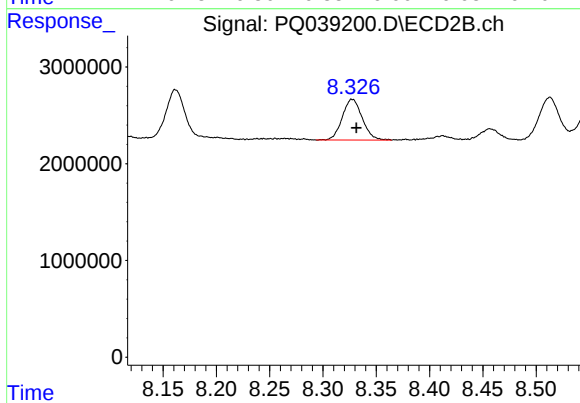
#32 AR-1260-2

R.T.: 8.162 min
Delta R.T.: -0.004 min
Response: 6250815
Conc: 30.49 ng/ml



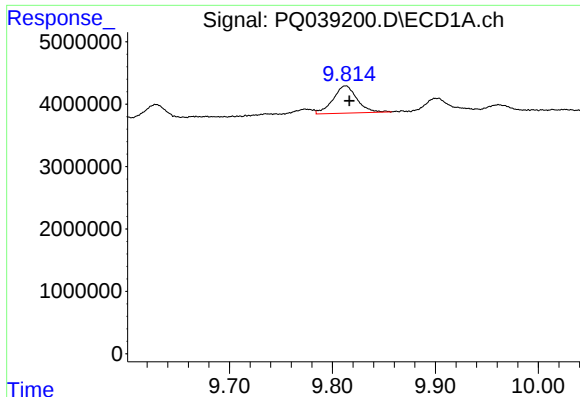
#33 AR-1260-3

R.T.: 9.568 min
Delta R.T.: -0.005 min
Response: 5366492
Conc: 24.05 ng/ml



#33 AR-1260-3

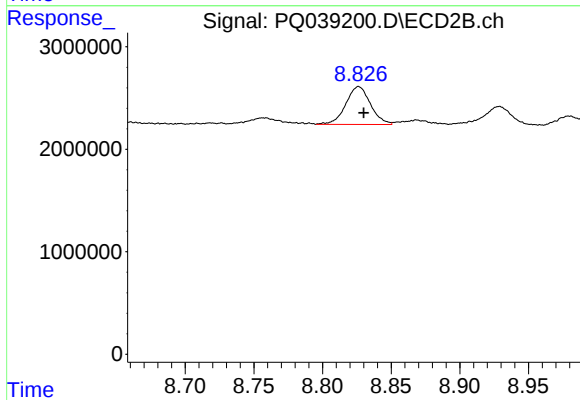
R.T.: 8.327 min
Delta R.T.: -0.004 min
Response: 5509149
Conc: 28.25 ng/ml



#34 AR-1260-4

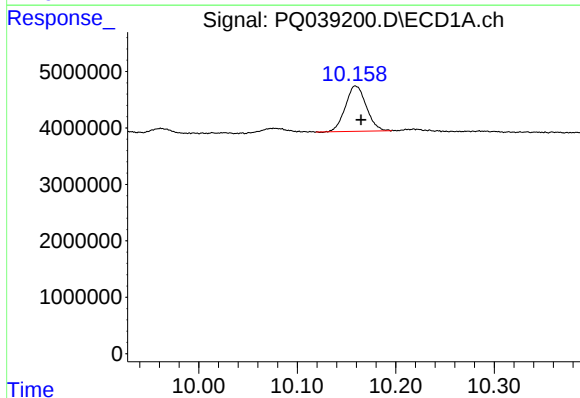
R.T.: 9.813 min
Delta R.T.: -0.004 min
Response: 7123280
Conc: 26.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-MDL-SOIL-03-QT2-2019



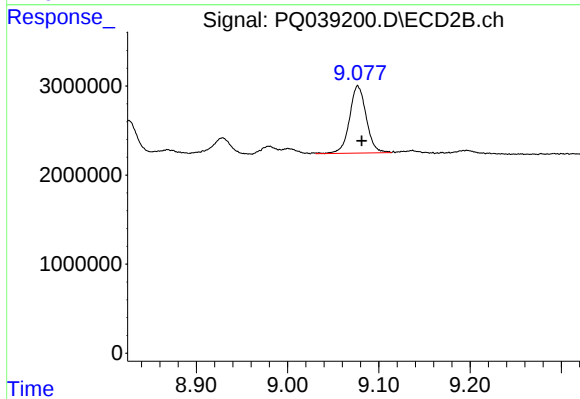
#34 AR-1260-4

R.T.: 8.826 min
Delta R.T.: -0.004 min
Response: 4622957
Conc: 27.88 ng/ml



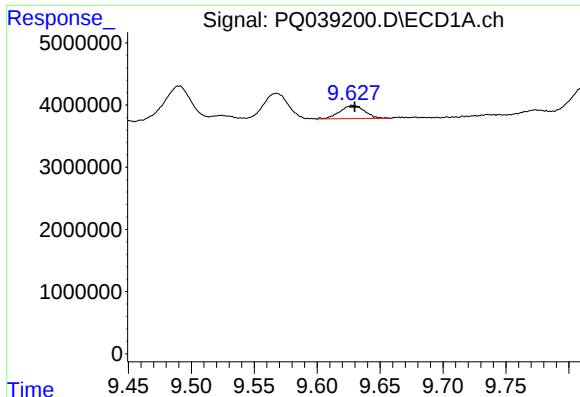
#35 AR-1260-5

R.T.: 10.159 min
Delta R.T.: -0.005 min
Response: 11862778
Conc: 23.14 ng/ml



#35 AR-1260-5

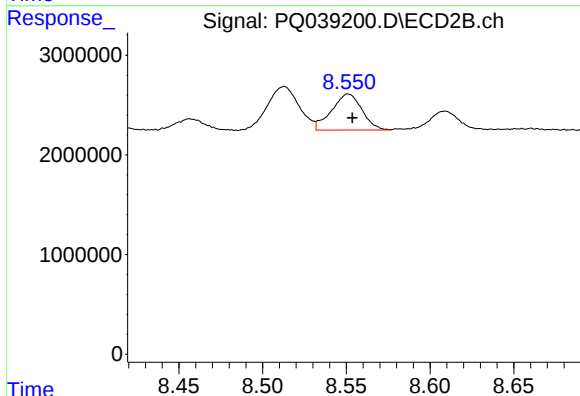
R.T.: 9.077 min
Delta R.T.: -0.004 min
Response: 9641730
Conc: 23.60 ng/ml



#36 AR-1262-1

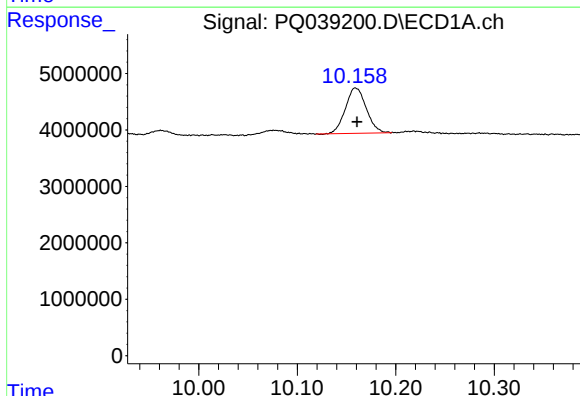
R.T.: 9.629 min
Delta R.T.: -0.001 min
Response: 2888879
Conc: 20.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-MDL-SOIL-03-QT2-2019



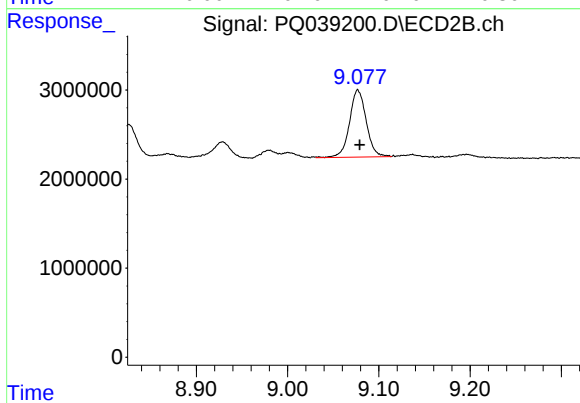
#36 AR-1262-1

R.T.: 8.551 min
Delta R.T.: -0.002 min
Response: 4570796
Conc: 16.89 ng/ml



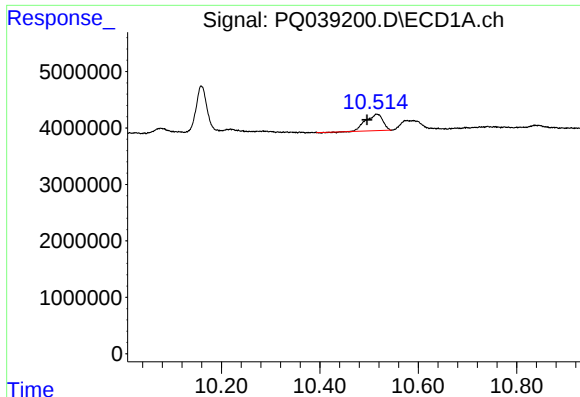
#37 AR-1262-2

R.T.: 10.159 min
Delta R.T.: -0.002 min
Response: 11862778
Conc: 18.83 ng/ml



#37 AR-1262-2

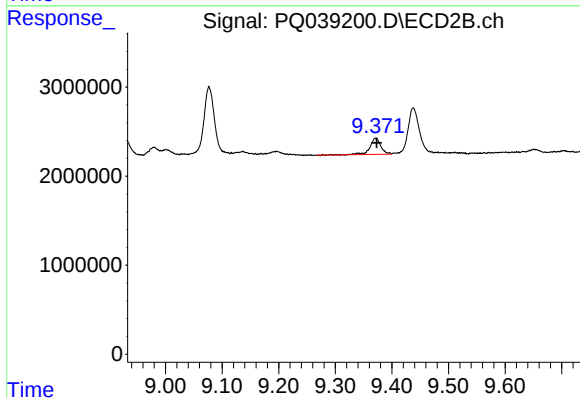
R.T.: 9.077 min
Delta R.T.: -0.002 min
Response: 9641730
Conc: 18.99 ng/ml



#38 AR-1262-3

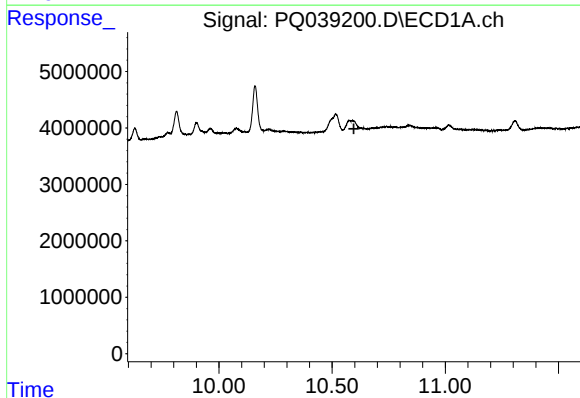
R.T.: 10.516 min
Delta R.T.: 0.019 min
Response: 6993903
Conc: 16.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-MDL-SOIL-03-QT2-2019



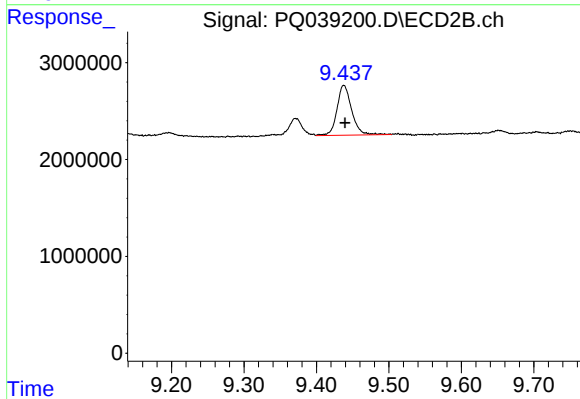
#38 AR-1262-3

R.T.: 9.371 min
Delta R.T.: -0.002 min
Response: 2460009
Conc: 12.95 ng/ml



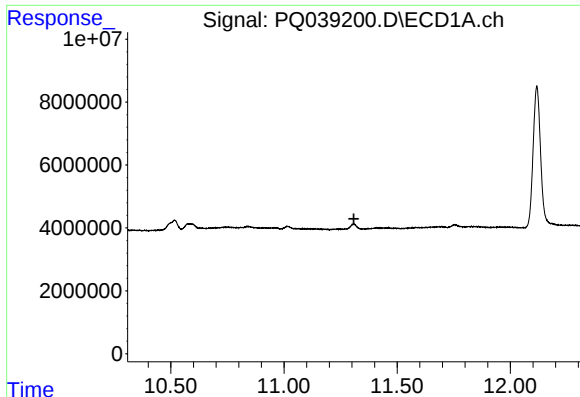
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 10.596 min
Response: 0
Conc: N.D.



#39 AR-1262-4

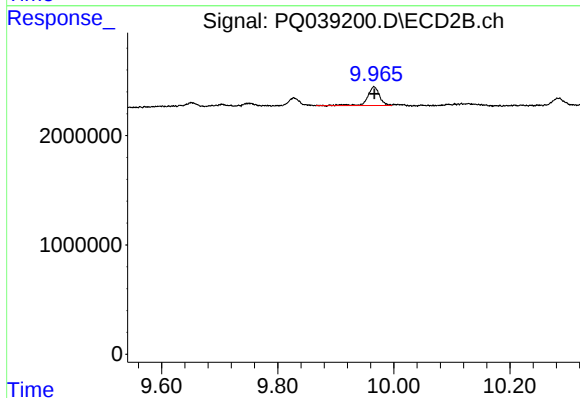
R.T.: 9.438 min
Delta R.T.: -0.002 min
Response: 7265986
Conc: 19.58 ng/ml



#40 AR-1262-5

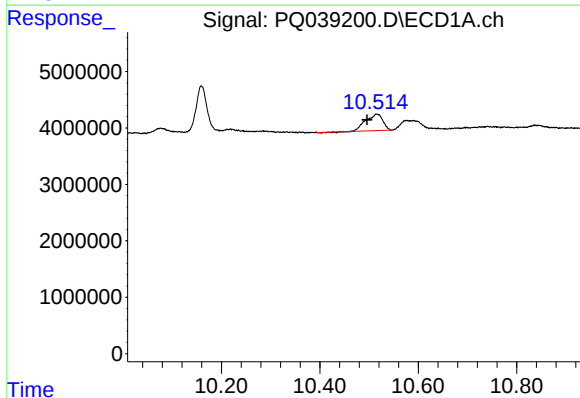
R.T.: 0.000 min
Exp R.T.: 11.309 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
MDL-MDL-SOIL-03-QT2-2019



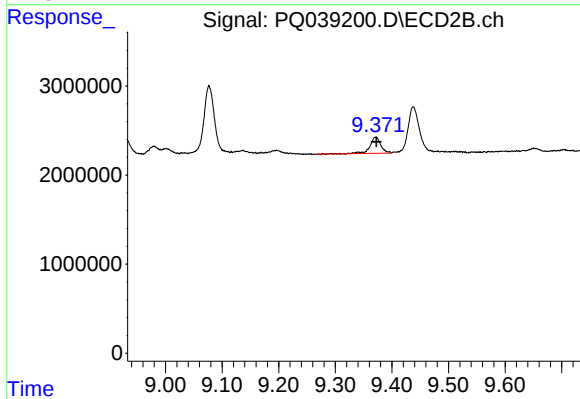
#40 AR-1262-5

R.T.: 9.966 min
Delta R.T.: 0.000 min
Response: 2413641
Conc: 15.39 ng/ml



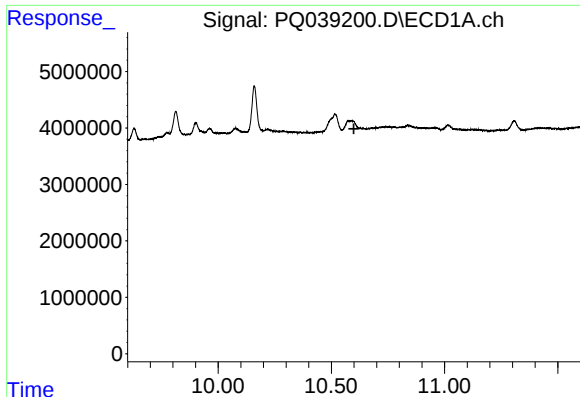
#41 AR-1268-1

R.T.: 10.516 min
Delta R.T.: 0.019 min
Response: 6993903
Conc: 9.27 ng/ml



#41 AR-1268-1

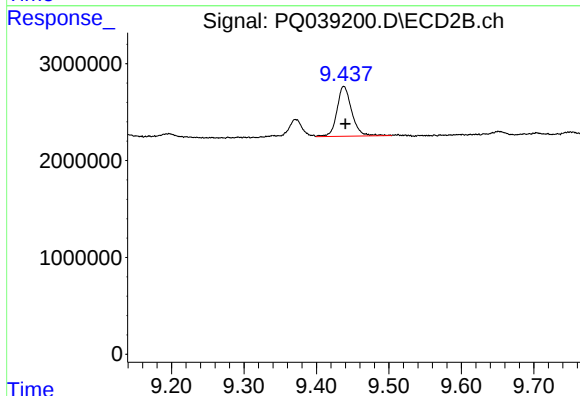
R.T.: 9.371 min
Delta R.T.: -0.001 min
Response: 2460009
Conc: 4.28 ng/ml



#42 AR-1268-2

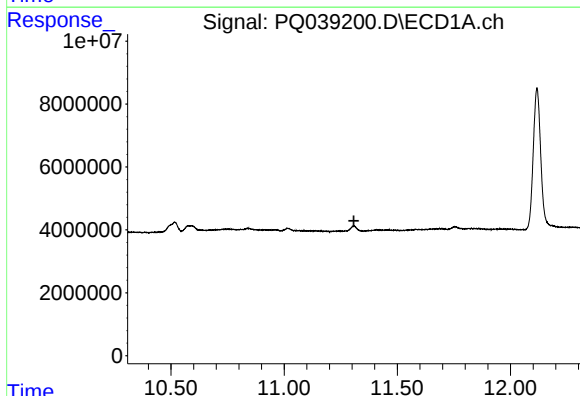
R.T.: 0.000 min
Exp R.T.: 10.599 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
MDL-MDL-SOIL-03-QT2-2019



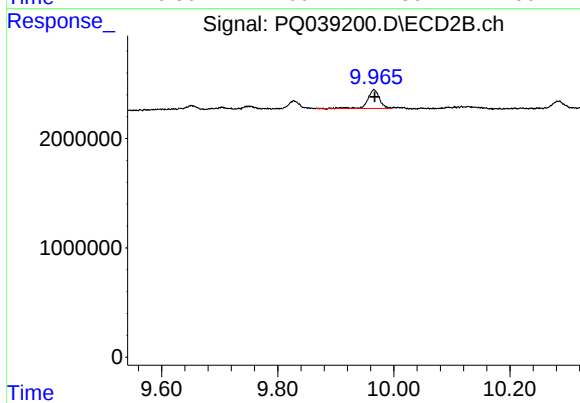
#42 AR-1268-2

R.T.: 9.438 min
Delta R.T.: -0.002 min
Response: 7265986
Conc: 13.50 ng/ml



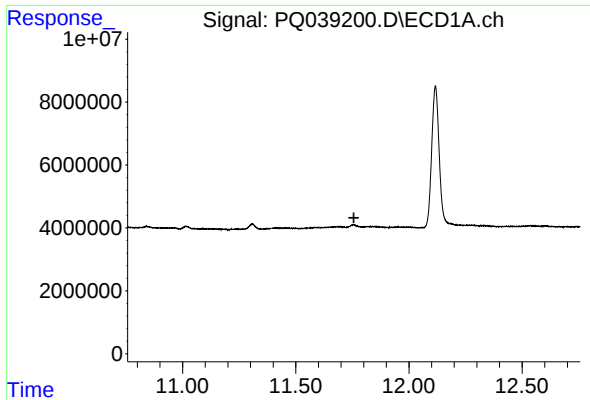
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T.: 11.308 min
Response: 0
Conc: N.D.



#44 AR-1268-4

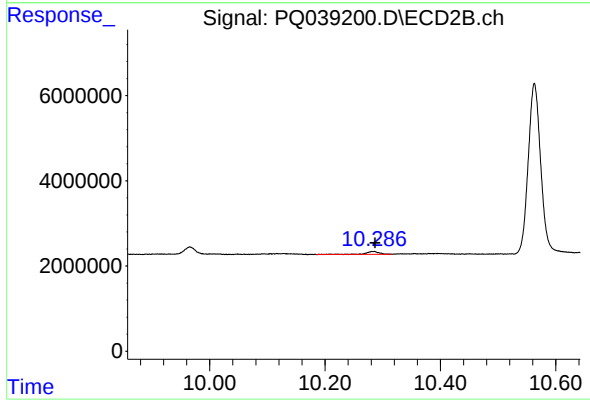
R.T.: 9.966 min
Delta R.T.: -0.001 min
Response: 2413641
Conc: 13.71 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 11.757 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
MDL-MDL-SOIL-03-QT2-2019



#45 AR-1268-5

R.T.: 10.285 min
Delta R.T.: -0.002 min
Response: 1067369
Conc: 0.77 ng/ml