

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ041219\
 Data File : PQ039061.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Apr 2019 15:03
 Operator : AJ\SJ
 Sample : K1560-03
 Misc : AR1242 MDL 25 PPB
 ALS Vial : 10 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 00:49:26 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...	5.721	4.818	71199178	34640346	16.065	15.535
2)	SA Decachlor...	12.125	10.576	145.8E6	72964674	21.012	20.911
Target Compounds							
3)	L1 AR-1016-1	7.166	6.268	2877818	1566792	15.836	15.429
4)	L1 AR-1016-2	7.191	6.290	4586314	2161610	16.926	14.594
5)	L1 AR-1016-3	7.262	6.504	3117585	859022	18.710	11.513 #
6)	L1 AR-1016-4	7.375	6.559	3561145	794650	25.699	12.745 #
7)	L1 AR-1016-5	7.709	6.811	3250691	2412389	22.905	27.185
8)	L2 AR-1221-1	0.000	5.070	0	805188	N.D.	33.892 #
9)	L2 AR-1221-2	6.115	5.237	1522240	2165716	44.842	103.858 #
10)	L2 AR-1221-3	6.205	5.344	1664891	758877	15.164	12.368
11)	L3 AR-1232-1	6.205	5.344	1664891	758877	20.932	20.012
12)	L3 AR-1232-2	6.849	6.290	2549538	2161610	60.942	46.510
13)	L3 AR-1232-3	7.191	6.504	4586314	859022	51.517	40.500
14)	L3 AR-1232-4	7.375	6.607	3561145	1411345	69.497	67.037
15)	L3 AR-1232-5	7.481	6.811	2179359	2412389	52.948	98.978 #
16)	L4 AR-1242-1	7.166	6.268	2877818	1566792	25.664	26.692
17)	L4 AR-1242-2	7.191	6.290	4586314	2161610	27.927	25.151
18)	L4 AR-1242-3	7.262	6.504	3117585	859022	28.623	20.346 #
19)	L4 AR-1242-4	7.375	6.607	3561145	1411345	41.147	31.513
20)	L4 AR-1242-5	8.197	7.218	3860176	2157644	39.073	33.273
21)	L5 AR-1248-1	7.166	6.268	2877818	1566792	34.807	35.158
22)	L5 AR-1248-2	7.481	6.559	2179359	794650	19.075	13.309 #
23)	L5 AR-1248-3	7.709	6.607	3250691	1411345	23.713	22.047
24)	L5 AR-1248-4	8.155	6.811	3465717	2412389	22.207	29.318 #
25)	L5 AR-1248-5	8.197	7.265	3860176	1815005	25.237	21.787
26)	L6 AR-1254-1	8.124	7.218	3012075	2157644	17.494	15.099
27)	L6 AR-1254-2	8.368	7.385	3162347	980617	11.550	7.722 #
28)	L6 AR-1254-3	8.758	7.832	2514806	2950000	8.188	13.186 #
29)	L6 AR-1254-4	9.058	8.081	2207096	1611360	9.936	11.487
30)	L6 AR-1254-5	9.496	8.527	4891752	1282238	18.844	6.215 #
31)	L7 AR-1260-1	8.946	7.990	1505539	3323617	5.386	18.035 #
32)	L7 AR-1260-2	9.245	8.172	2319511	3156839	6.934	14.312 #
33)	L7 AR-1260-3	9.537	0.000	2399046	0	8.710	N.D. #
34)	L7 AR-1260-4	0.000	8.795	0	175703	N.D.	0.963 #
36)	L8 AR-1262-1	0.000	8.527	0	1282238	N.D.	5.761 #
38)	L8 AR-1262-3	10.524	0.000	669373	0	1.513	N.D. #
41)	L9 AR-1268-1	10.524	0.000	669373	0	0.828	N.D. #
43)	L9 AR-1268-3	10.848	9.664	5088667	1479233	7.718	3.712 #
45)	L9 AR-1268-5	11.760	10.296	1966982	958307	0.864	0.751

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Data File : PQ039061.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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Operator : AJ\SJ
Sample : K1560-03
Misc : AR1242 MDL 25 PPB
ALS Vial : 10 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 00:49:26 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

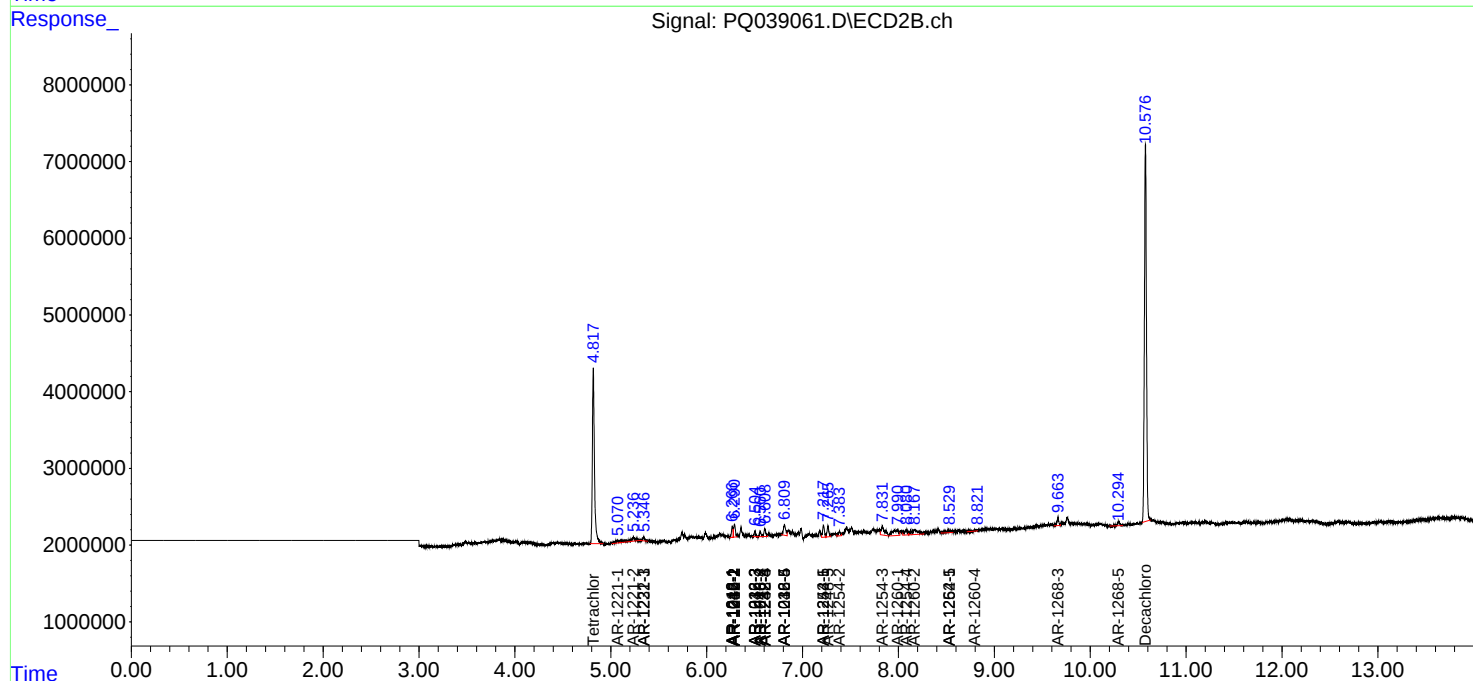
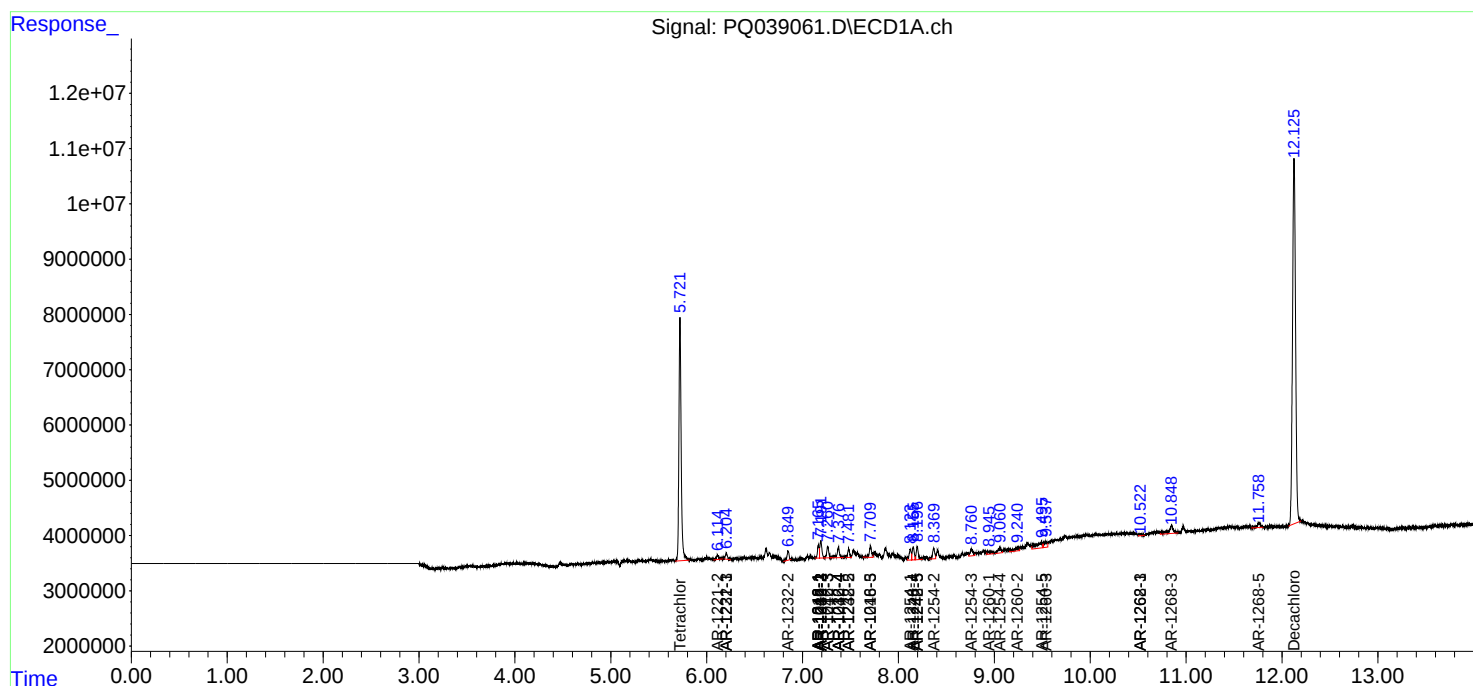
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.						

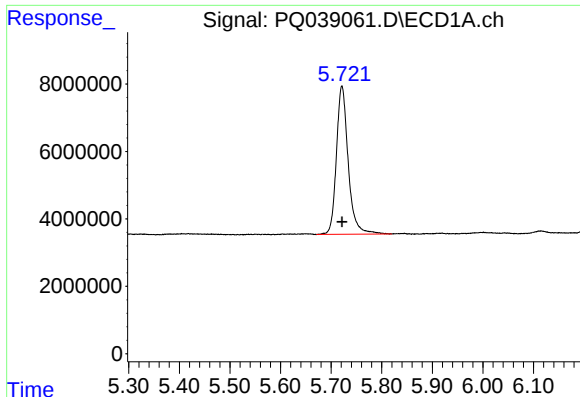
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ041219\
Data File : PQ039061.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Apr 2019 15:03
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Sample : K1560-03
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Instrument :
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Integration File signal 1: autoint1.e
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Quant Time: Apr 13 00:49:26 2019
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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 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm

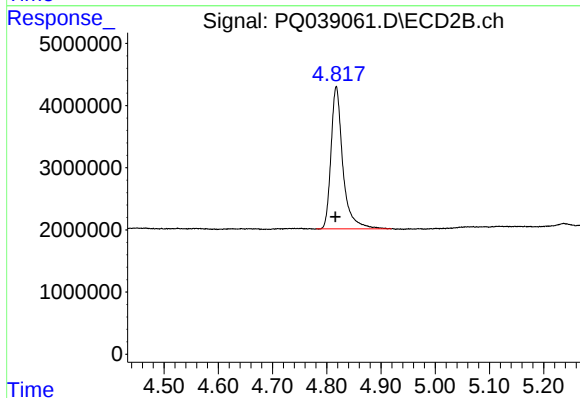




#1 Tetrachloro-m-xylene

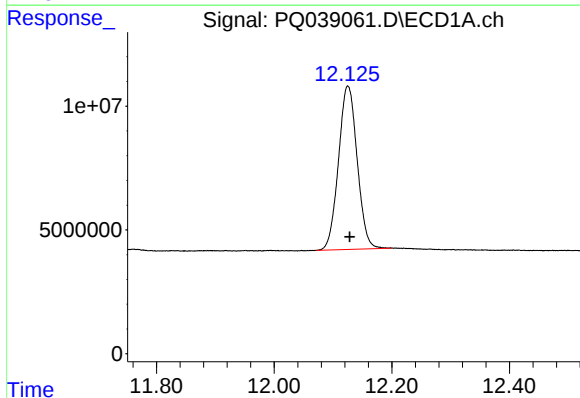
R.T.: 5.721 min
Delta R.T.: 0.000 min
Response: 71199178
Conc: 16.07 ng/ml

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



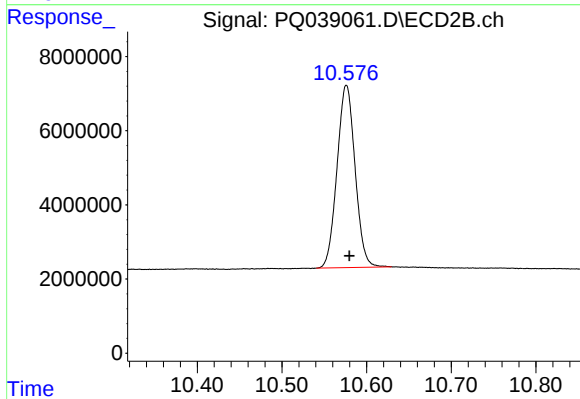
#1 Tetrachloro-m-xylene

R.T.: 4.818 min
Delta R.T.: 0.002 min
Response: 34640346
Conc: 15.53 ng/ml



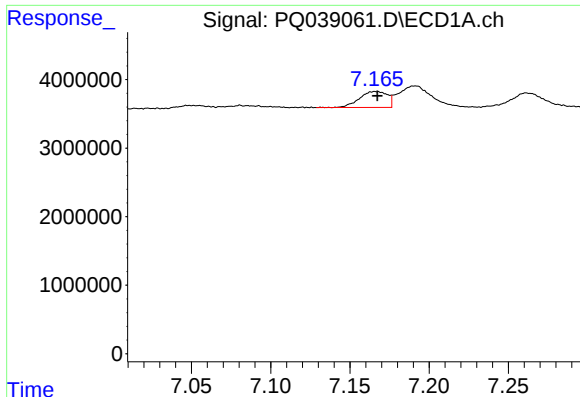
#2 Decachlorobiphenyl

R.T.: 12.125 min
Delta R.T.: -0.003 min
Response: 145796740
Conc: 21.01 ng/ml



#2 Decachlorobiphenyl

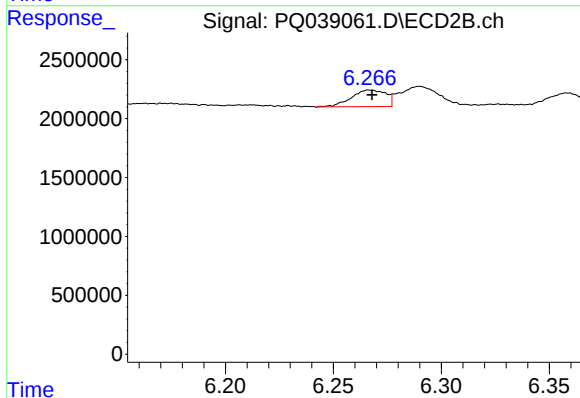
R.T.: 10.576 min
Delta R.T.: -0.004 min
Response: 72964674
Conc: 20.91 ng/ml



#3 AR-1016-1

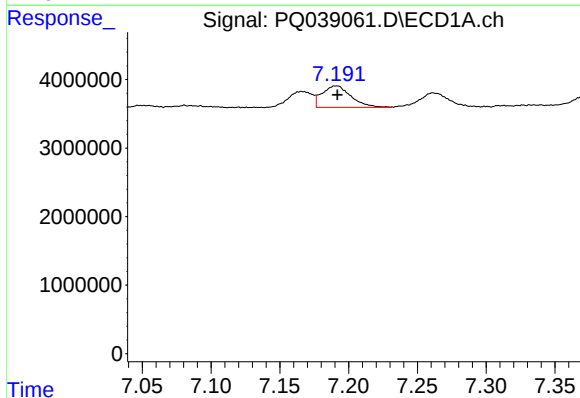
R.T.: 7.166 min
Delta R.T.: -0.001 min
Response: 2877818
Conc: 15.84 ng/ml

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



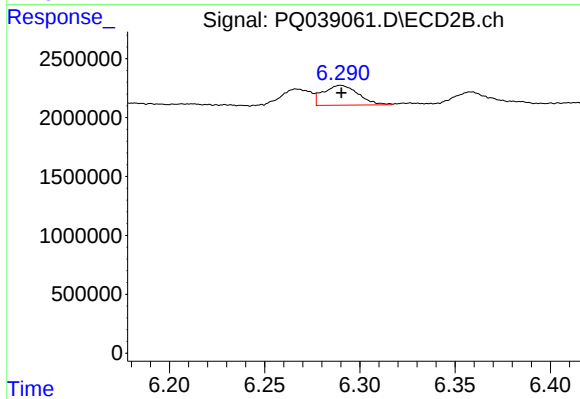
#3 AR-1016-1

R.T.: 6.268 min
Delta R.T.: 0.000 min
Response: 1566792
Conc: 15.43 ng/ml



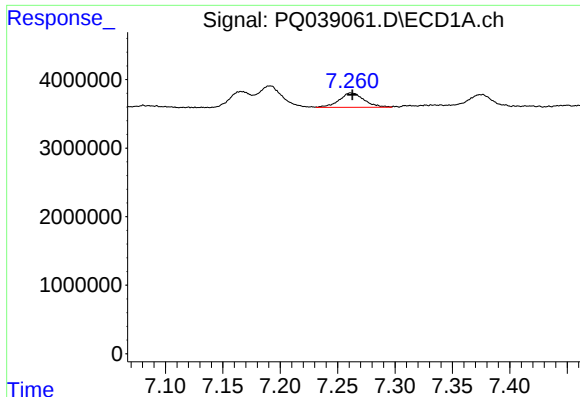
#4 AR-1016-2

R.T.: 7.191 min
Delta R.T.: 0.000 min
Response: 4586314
Conc: 16.93 ng/ml



#4 AR-1016-2

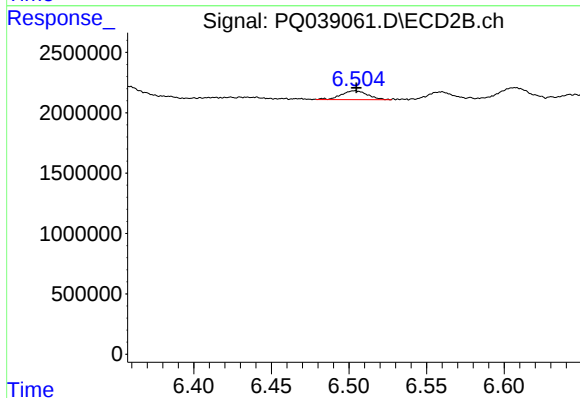
R.T.: 6.290 min
Delta R.T.: 0.000 min
Response: 2161610
Conc: 14.59 ng/ml



#5 AR-1016-3

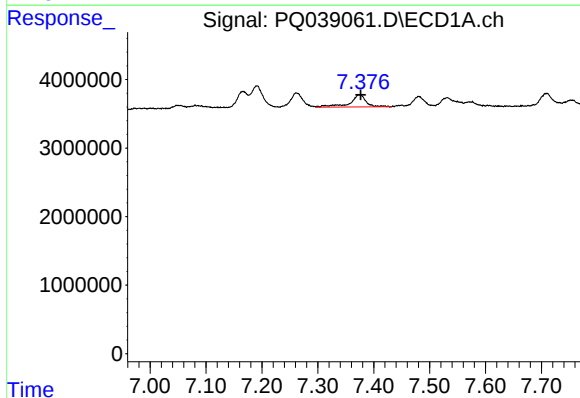
R.T.: 7.262 min
Delta R.T.: -0.001 min
Response: 3117585
Conc: 18.71 ng/ml

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



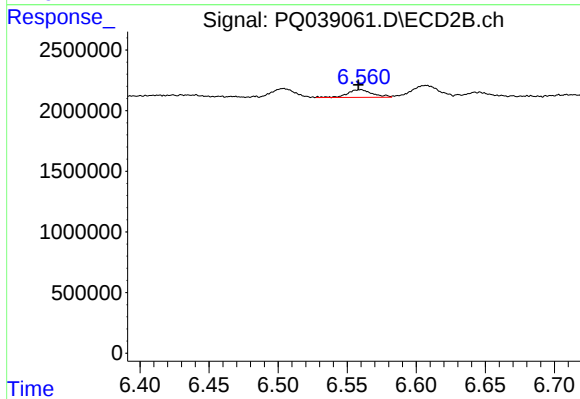
#5 AR-1016-3

R.T.: 6.504 min
Delta R.T.: 0.000 min
Response: 859022
Conc: 11.51 ng/ml



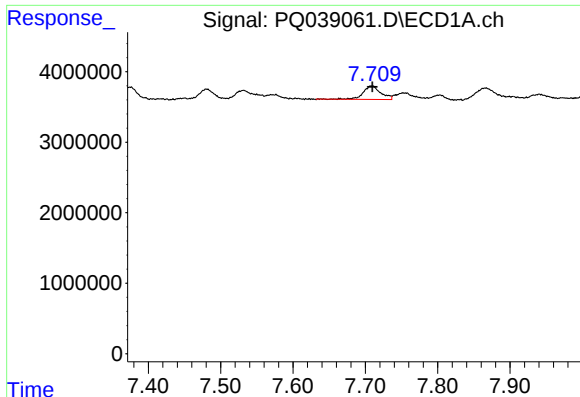
#6 AR-1016-4

R.T.: 7.375 min
Delta R.T.: -0.001 min
Response: 3561145
Conc: 25.70 ng/ml



#6 AR-1016-4

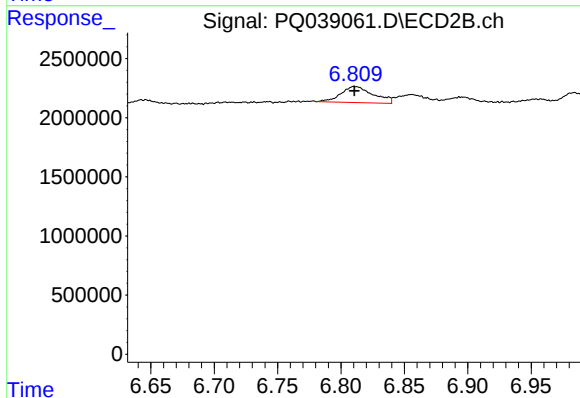
R.T.: 6.559 min
Delta R.T.: 0.001 min
Response: 794650
Conc: 12.75 ng/ml



#7 AR-1016-5

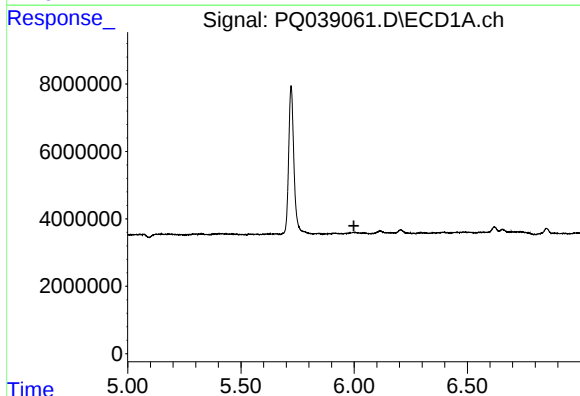
R.T.: 7.709 min
Delta R.T.: 0.000 min
Response: 3250691
Conc: 22.90 ng/ml

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



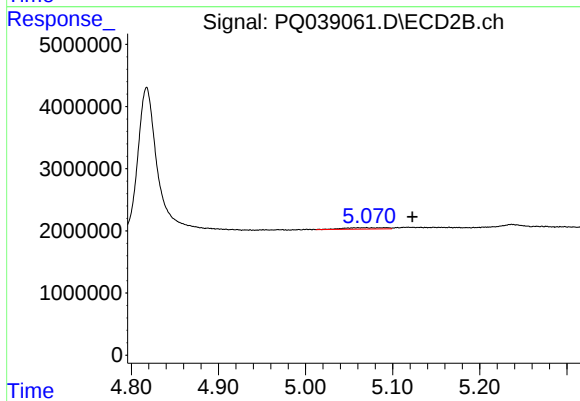
#7 AR-1016-5

R.T.: 6.811 min
Delta R.T.: 0.000 min
Response: 2412389
Conc: 27.18 ng/ml



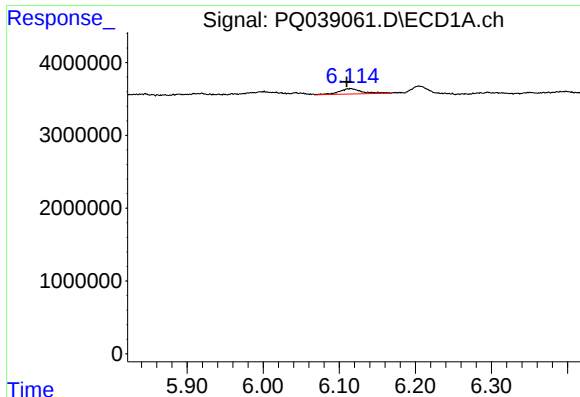
#8 AR-1221-1

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



#8 AR-1221-1

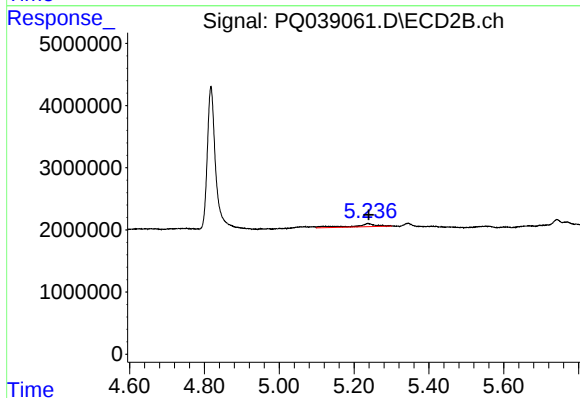
R.T.: 5.070 min
Delta R.T.: -0.053 min
Response: 805188
Conc: 33.89 ng/ml



#9 AR-1221-2

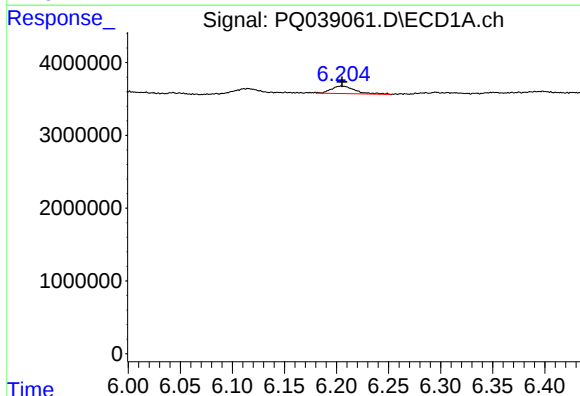
R.T.: 6.115 min
Delta R.T.: 0.005 min
Response: 1522240
Conc: 44.84 ng/ml

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



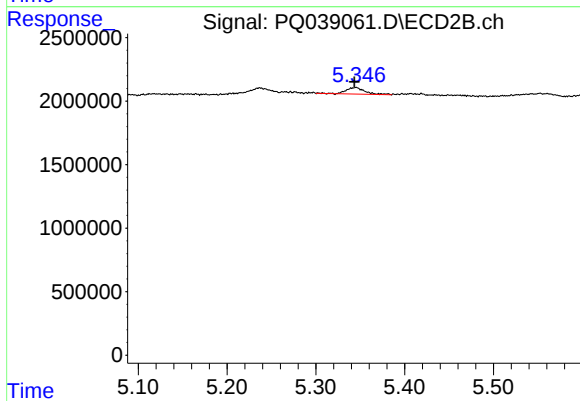
#9 AR-1221-2

R.T.: 5.237 min
Delta R.T.: -0.002 min
Response: 2165716
Conc: 103.86 ng/ml



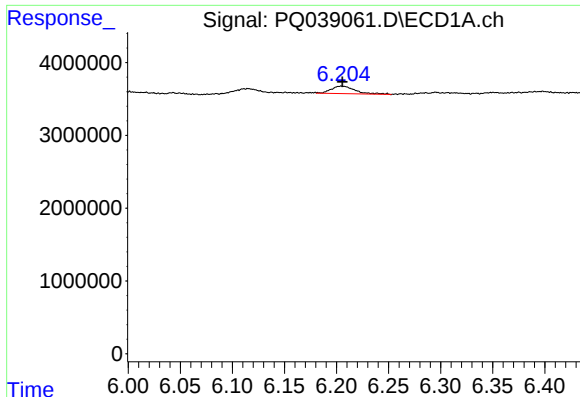
#10 AR-1221-3

R.T.: 6.205 min
Delta R.T.: 0.000 min
Response: 1664891
Conc: 15.16 ng/ml



#10 AR-1221-3

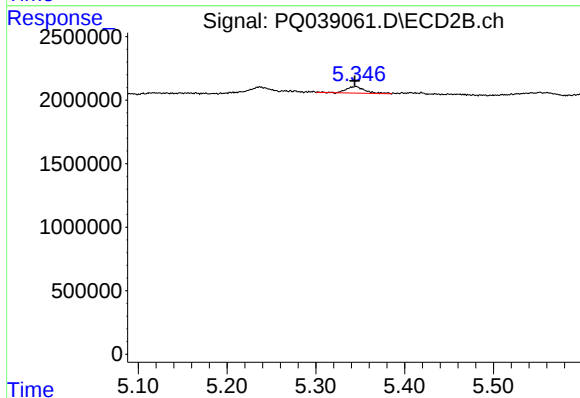
R.T.: 5.344 min
Delta R.T.: 0.000 min
Response: 758877
Conc: 12.37 ng/ml



#11 AR-1232-1

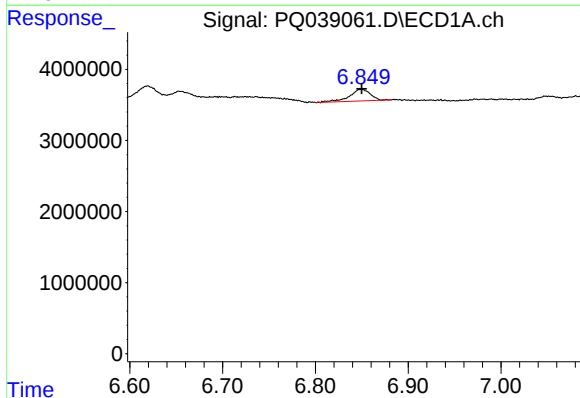
R.T.: 6.205 min
Delta R.T.: 0.000 min
Response: 1664891
Conc: 20.93 ng/ml

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



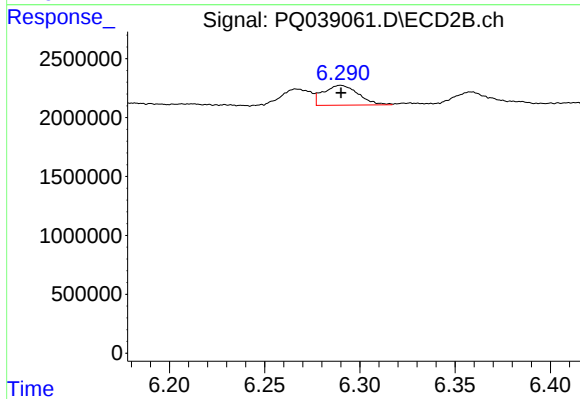
#11 AR-1232-1

R.T.: 5.344 min
Delta R.T.: 0.000 min
Response: 758877
Conc: 20.01 ng/ml



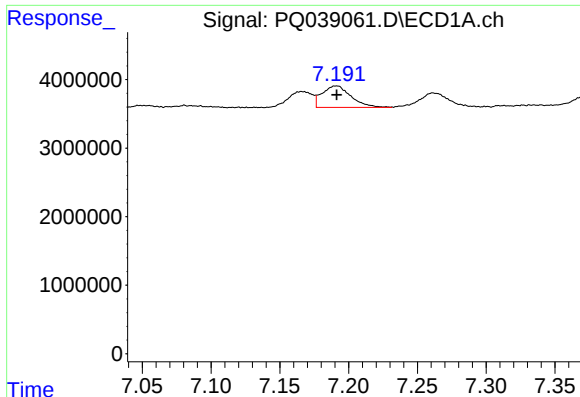
#12 AR-1232-2

R.T.: 6.849 min
Delta R.T.: 0.000 min
Response: 2549538
Conc: 60.94 ng/ml



#12 AR-1232-2

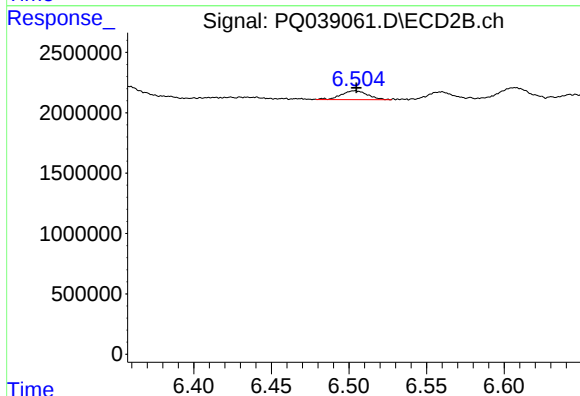
R.T.: 6.290 min
Delta R.T.: 0.000 min
Response: 2161610
Conc: 46.51 ng/ml



#13 AR-1232-3

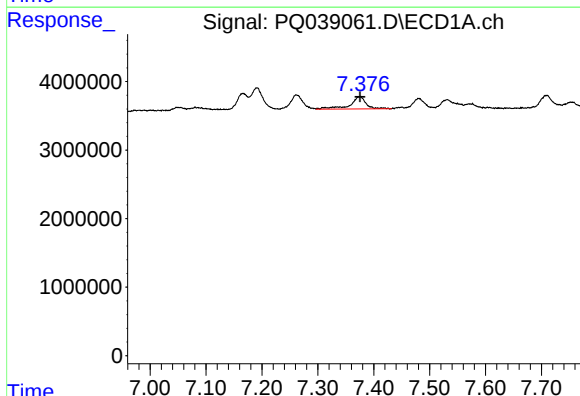
R.T.: 7.191 min
Delta R.T.: 0.000 min
Response: 4586314
Conc: 51.52 ng/ml

Instrument :
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ClientSampleId :
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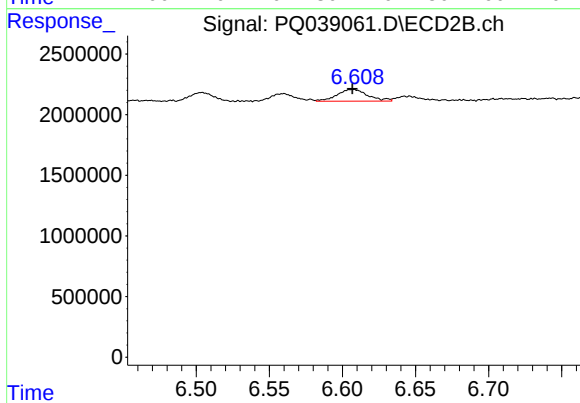
#13 AR-1232-3

R.T.: 6.504 min
Delta R.T.: 0.000 min
Response: 859022
Conc: 40.50 ng/ml



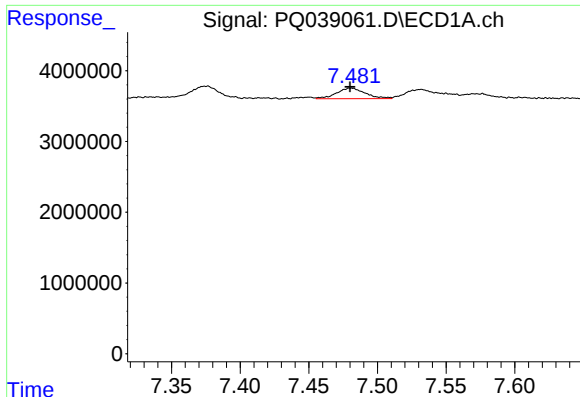
#14 AR-1232-4

R.T.: 7.375 min
Delta R.T.: 0.000 min
Response: 3561145
Conc: 69.50 ng/ml



#14 AR-1232-4

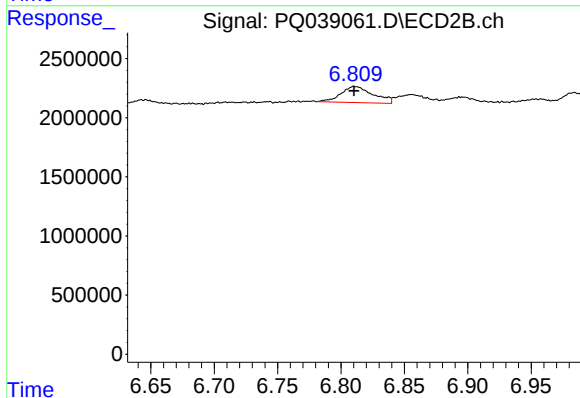
R.T.: 6.607 min
Delta R.T.: 0.000 min
Response: 1411345
Conc: 67.04 ng/ml



#15 AR-1232-5

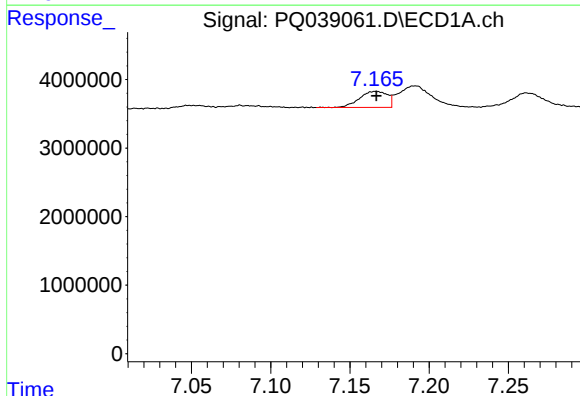
R.T.: 7.481 min
Delta R.T.: 0.000 min
Response: 2179359
Conc: 52.95 ng/ml

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



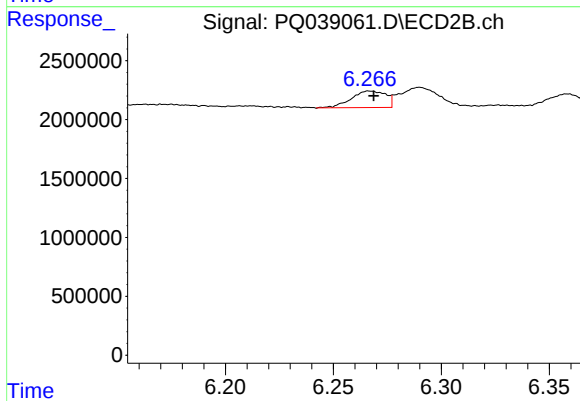
#15 AR-1232-5

R.T.: 6.811 min
Delta R.T.: 0.000 min
Response: 2412389
Conc: 98.98 ng/ml



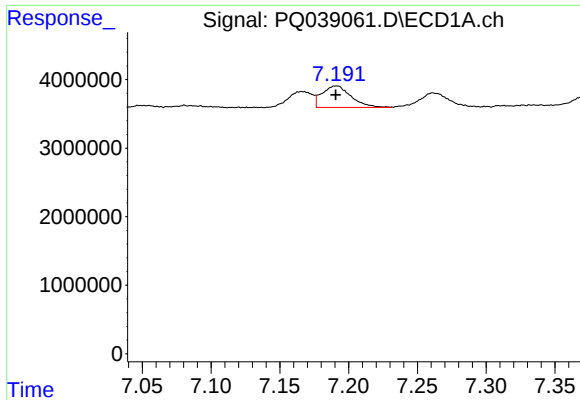
#16 AR-1242-1

R.T.: 7.166 min
Delta R.T.: 0.000 min
Response: 2877818
Conc: 25.66 ng/ml



#16 AR-1242-1

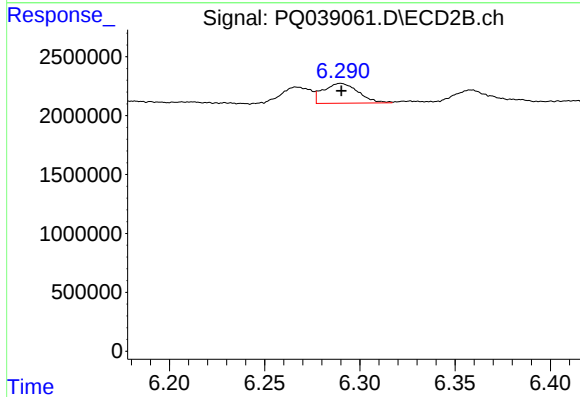
R.T.: 6.268 min
Delta R.T.: -0.001 min
Response: 1566792
Conc: 26.69 ng/ml



#17 AR-1242-2

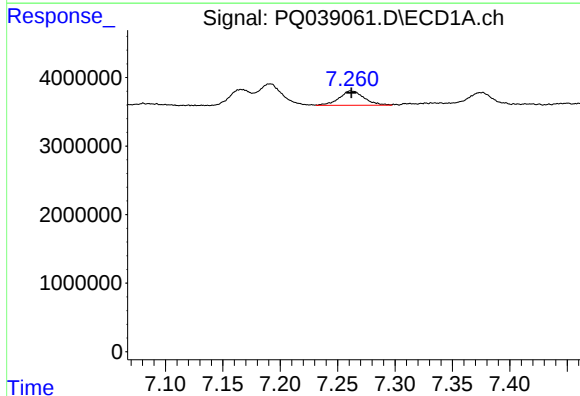
R.T.: 7.191 min
Delta R.T.: 0.000 min
Response: 4586314
Conc: 27.93 ng/ml

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



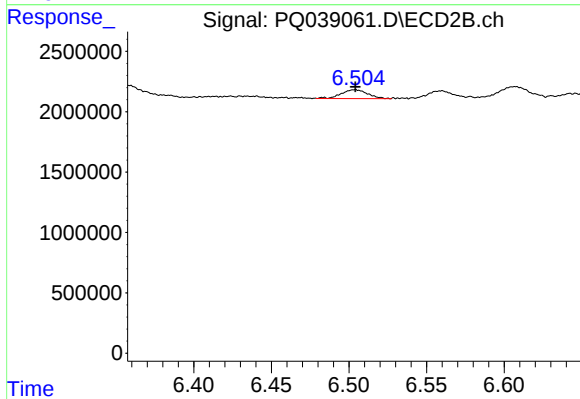
#17 AR-1242-2

R.T.: 6.290 min
Delta R.T.: 0.000 min
Response: 2161610
Conc: 25.15 ng/ml



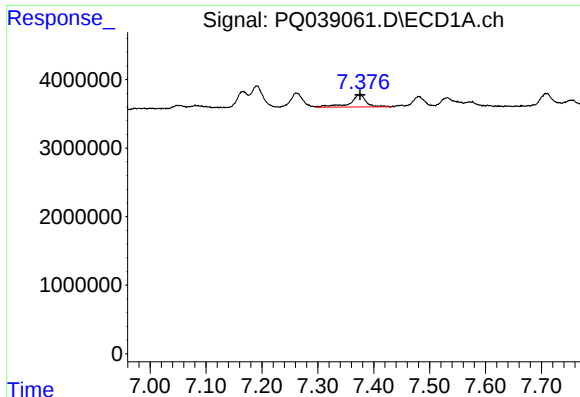
#18 AR-1242-3

R.T.: 7.262 min
Delta R.T.: 0.000 min
Response: 3117585
Conc: 28.62 ng/ml



#18 AR-1242-3

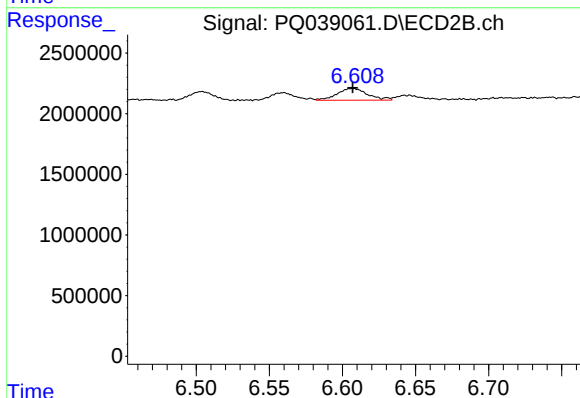
R.T.: 6.504 min
Delta R.T.: 0.000 min
Response: 859022
Conc: 20.35 ng/ml



#19 AR-1242-4

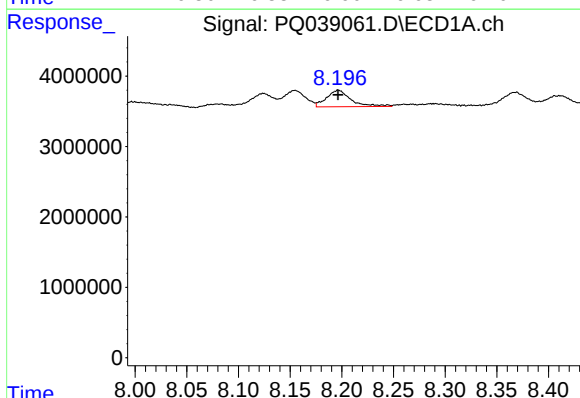
R.T.: 7.375 min
Delta R.T.: 0.000 min
Response: 3561145
Conc: 41.15 ng/ml

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



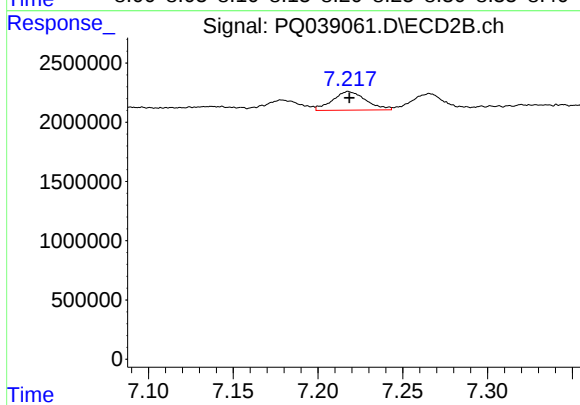
#19 AR-1242-4

R.T.: 6.607 min
Delta R.T.: 0.000 min
Response: 1411345
Conc: 31.51 ng/ml



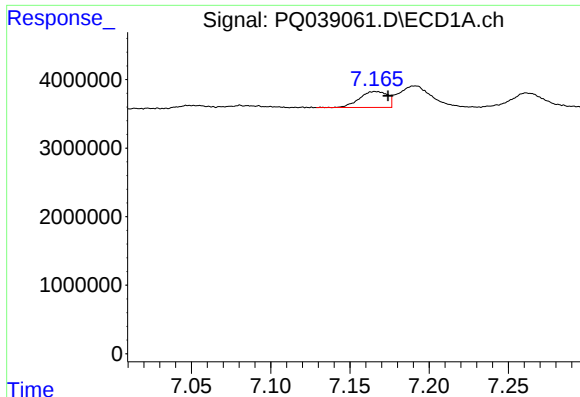
#20 AR-1242-5

R.T.: 8.197 min
Delta R.T.: 0.000 min
Response: 3860176
Conc: 39.07 ng/ml



#20 AR-1242-5

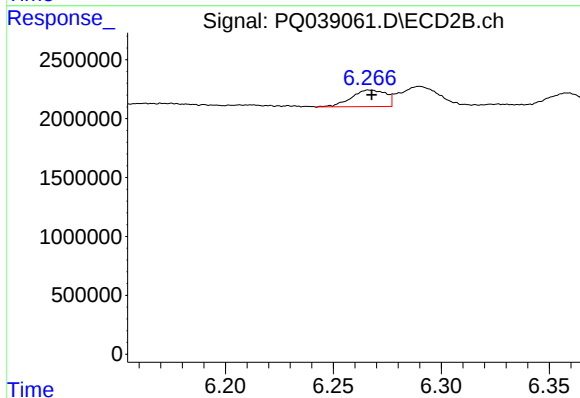
R.T.: 7.218 min
Delta R.T.: 0.000 min
Response: 2157644
Conc: 33.27 ng/ml



#21 AR-1248-1

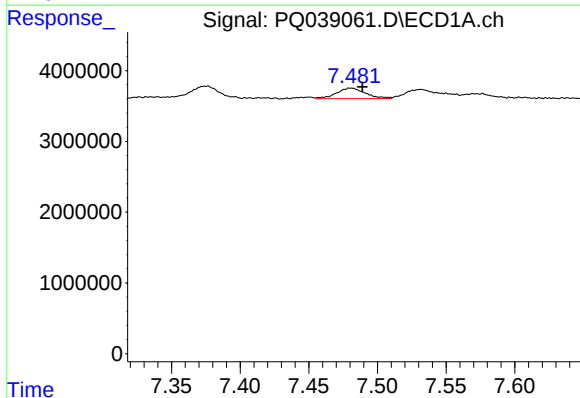
R.T.: 7.166 min
Delta R.T.: -0.008 min
Response: 2877818
Conc: 34.81 ng/ml

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



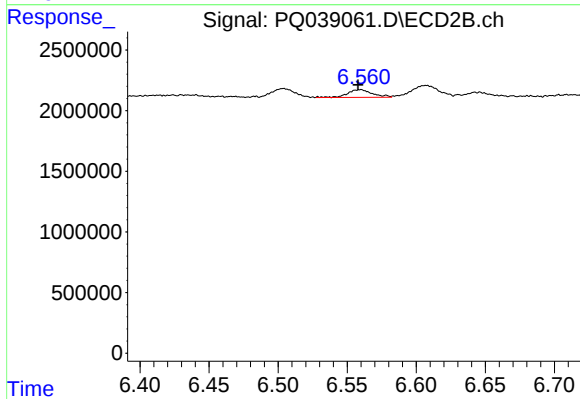
#21 AR-1248-1

R.T.: 6.268 min
Delta R.T.: 0.000 min
Response: 1566792
Conc: 35.16 ng/ml



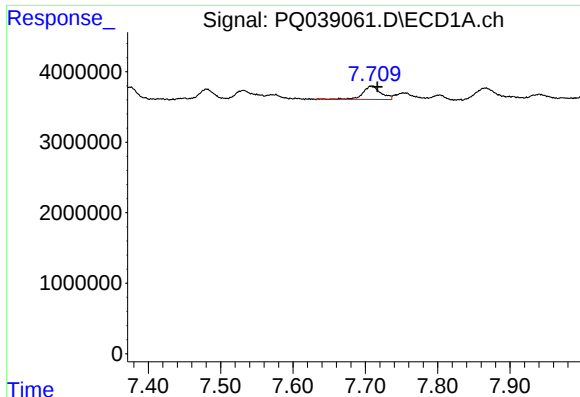
#22 AR-1248-2

R.T.: 7.481 min
Delta R.T.: -0.008 min
Response: 2179359
Conc: 19.07 ng/ml



#22 AR-1248-2

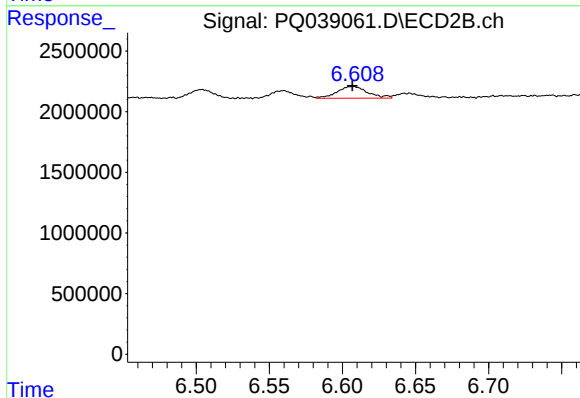
R.T.: 6.559 min
Delta R.T.: 0.001 min
Response: 794650
Conc: 13.31 ng/ml



#23 AR-1248-3

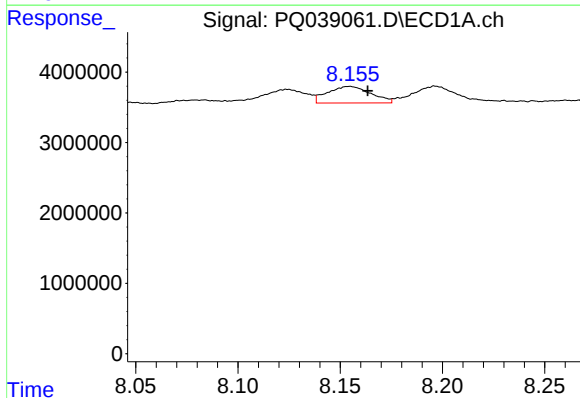
R.T.: 7.709 min
Delta R.T.: -0.008 min
Response: 3250691
Conc: 23.71 ng/ml

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



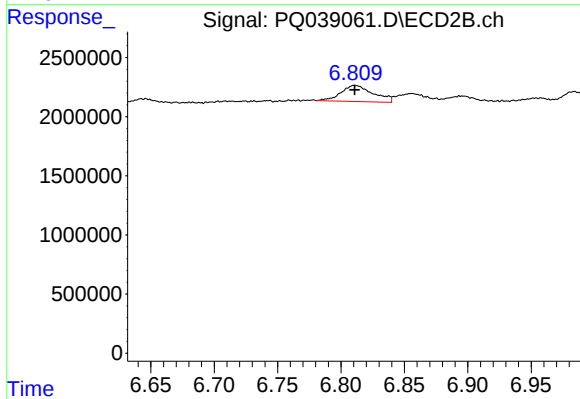
#23 AR-1248-3

R.T.: 6.607 min
Delta R.T.: 0.000 min
Response: 1411345
Conc: 22.05 ng/ml



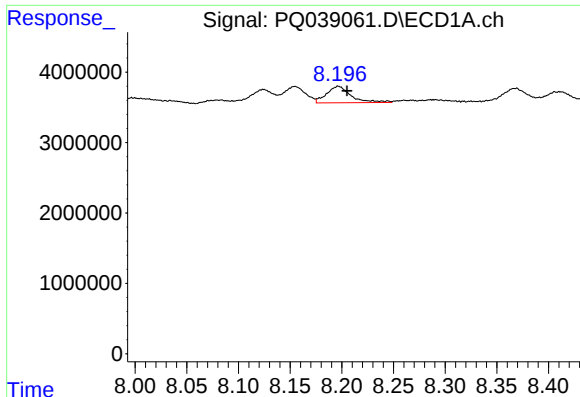
#24 AR-1248-4

R.T.: 8.155 min
Delta R.T.: -0.009 min
Response: 3465717
Conc: 22.21 ng/ml



#24 AR-1248-4

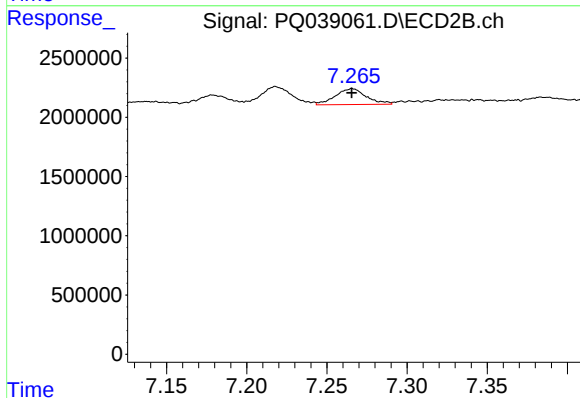
R.T.: 6.811 min
Delta R.T.: 0.000 min
Response: 2412389
Conc: 29.32 ng/ml



#25 AR-1248-5

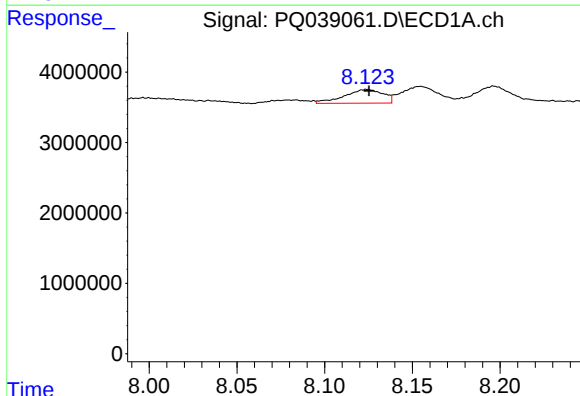
R.T.: 8.197 min
Delta R.T.: -0.009 min
Response: 3860176
Conc: 25.24 ng/ml

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



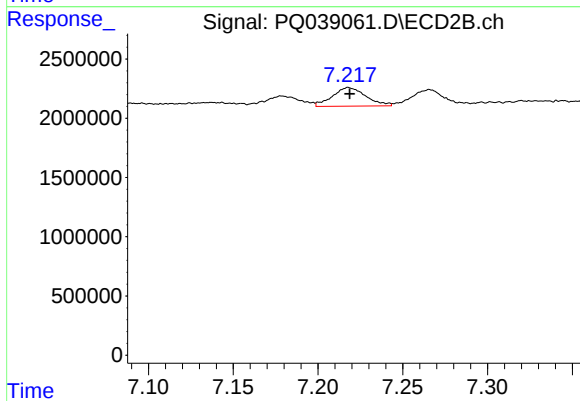
#25 AR-1248-5

R.T.: 7.265 min
Delta R.T.: 0.000 min
Response: 1815005
Conc: 21.79 ng/ml



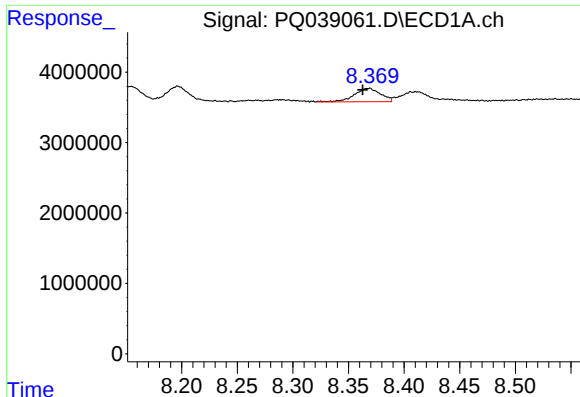
#26 AR-1254-1

R.T.: 8.124 min
Delta R.T.: -0.001 min
Response: 3012075
Conc: 17.49 ng/ml



#26 AR-1254-1

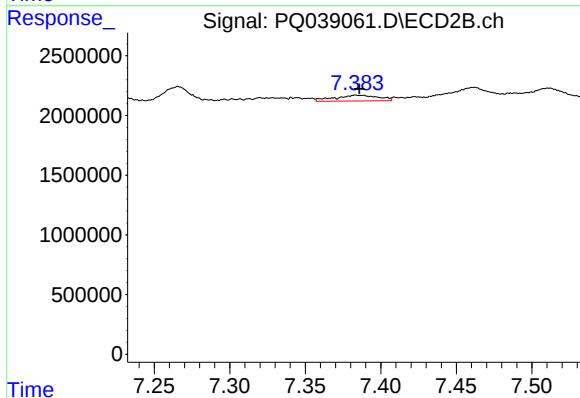
R.T.: 7.218 min
Delta R.T.: 0.000 min
Response: 2157644
Conc: 15.10 ng/ml



#27 AR-1254-2

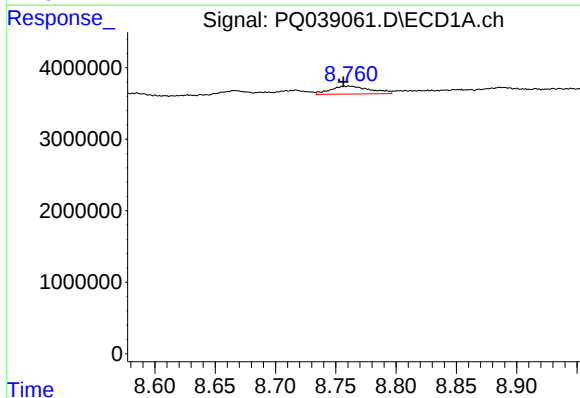
R.T.: 8.368 min
Delta R.T.: 0.005 min
Response: 3162347
Conc: 11.55 ng/ml

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



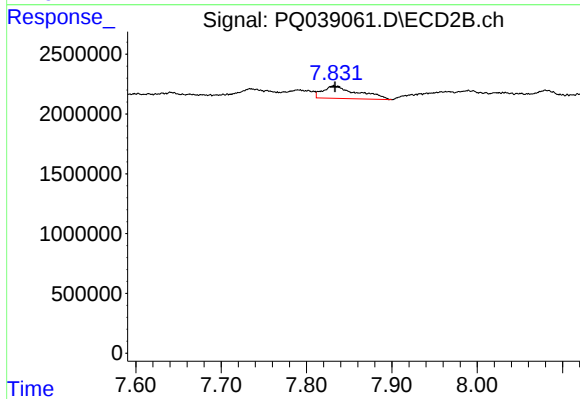
#27 AR-1254-2

R.T.: 7.385 min
Delta R.T.: 0.000 min
Response: 980617
Conc: 7.72 ng/ml



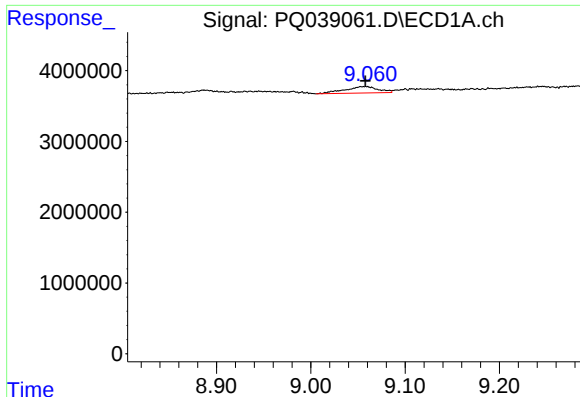
#28 AR-1254-3

R.T.: 8.758 min
Delta R.T.: 0.001 min
Response: 2514806
Conc: 8.19 ng/ml



#28 AR-1254-3

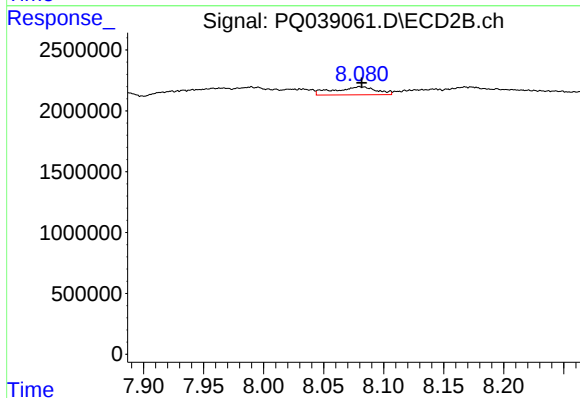
R.T.: 7.832 min
Delta R.T.: -0.001 min
Response: 2950000
Conc: 13.19 ng/ml



#29 AR-1254-4

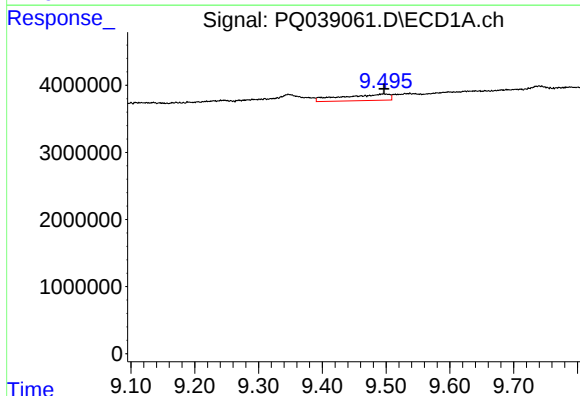
R.T.: 9.058 min
Delta R.T.: 0.000 min
Response: 2207096
Conc: 9.94 ng/ml

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



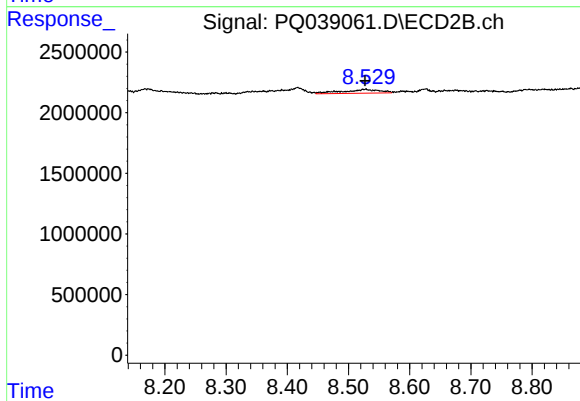
#29 AR-1254-4

R.T.: 8.081 min
Delta R.T.: -0.001 min
Response: 1611360
Conc: 11.49 ng/ml



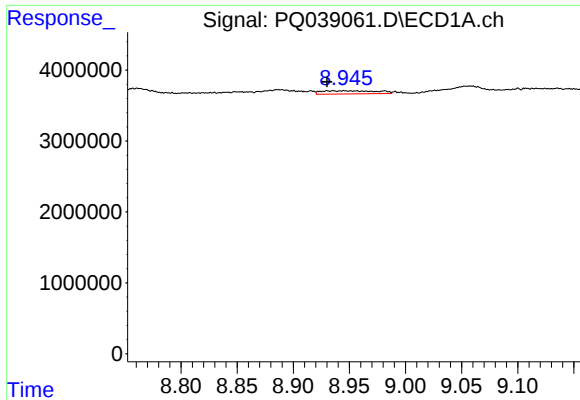
#30 AR-1254-5

R.T.: 9.496 min
Delta R.T.: 0.000 min
Response: 4891752
Conc: 18.84 ng/ml



#30 AR-1254-5

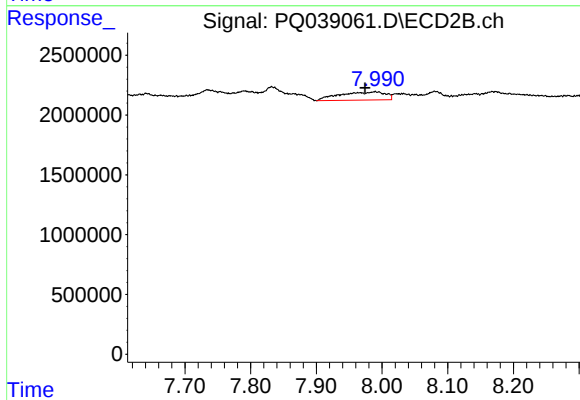
R.T.: 8.527 min
Delta R.T.: 0.000 min
Response: 1282238
Conc: 6.22 ng/ml



#31 AR-1260-1

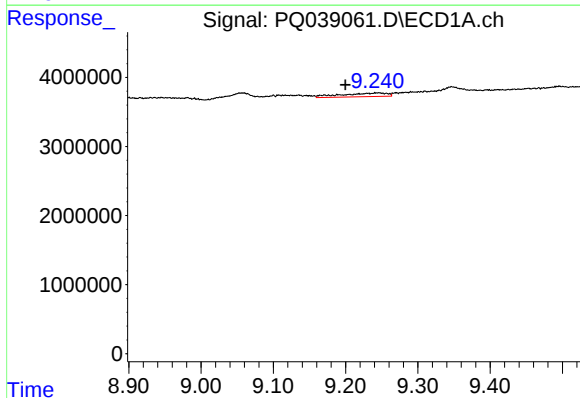
R.T.: 8.946 min
Delta R.T.: 0.015 min
Response: 1505539
Conc: 5.39 ng/ml

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



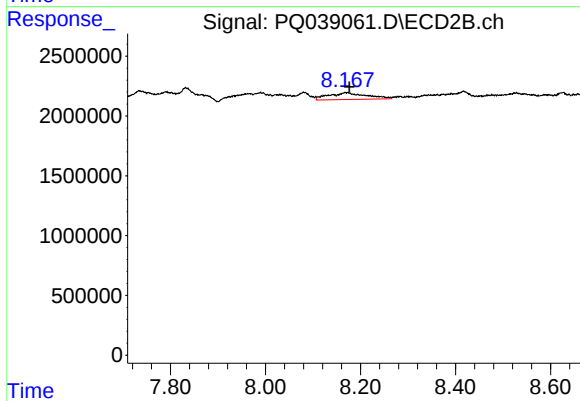
#31 AR-1260-1

R.T.: 7.990 min
Delta R.T.: 0.016 min
Response: 3323617
Conc: 18.04 ng/ml



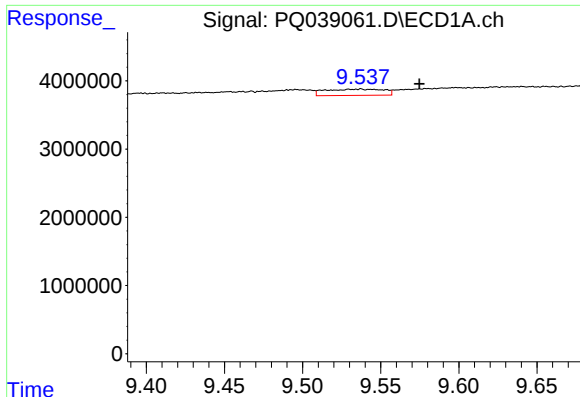
#32 AR-1260-2

R.T.: 9.245 min
Delta R.T.: 0.045 min
Response: 2319511
Conc: 6.93 ng/ml



#32 AR-1260-2

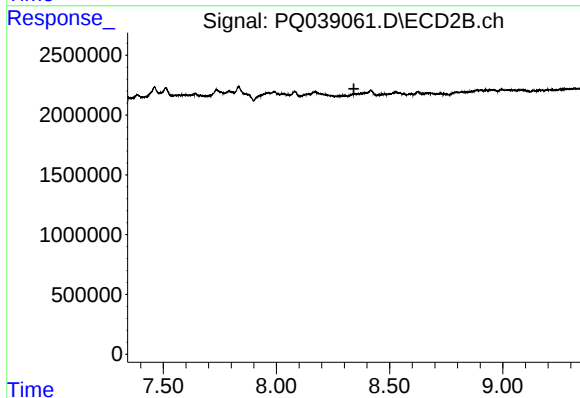
R.T.: 8.172 min
Delta R.T.: -0.005 min
Response: 3156839
Conc: 14.31 ng/ml



#33 AR-1260-3

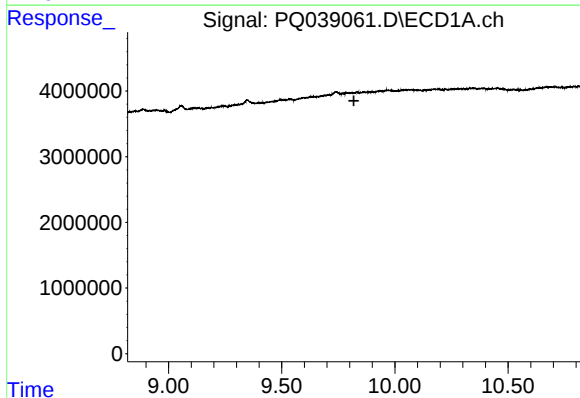
R.T.: 9.537 min
Delta R.T.: -0.038 min
Response: 2399046
Conc: 8.71 ng/ml

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



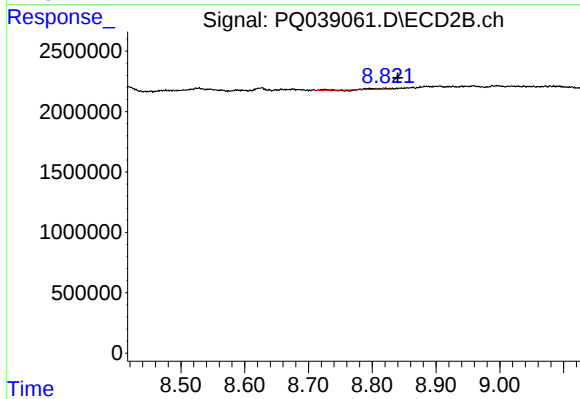
#33 AR-1260-3

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



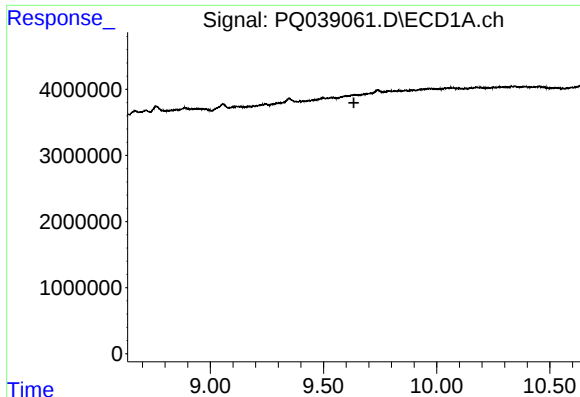
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T. : 9.819 min
Response: 0
Conc: N.D.



#34 AR-1260-4

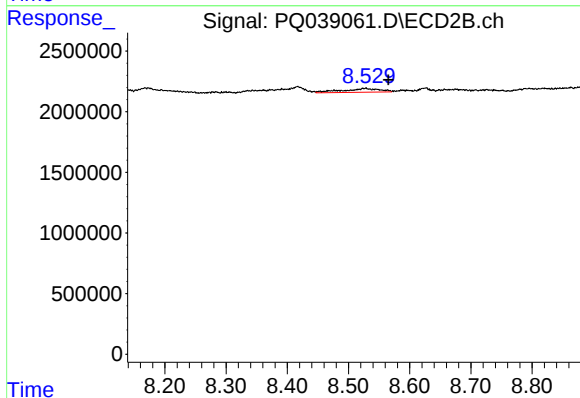
R.T.: 8.795 min
Delta R.T.: -0.044 min
Response: 175703
Conc: 0.96 ng/ml



#36 AR-1262-1

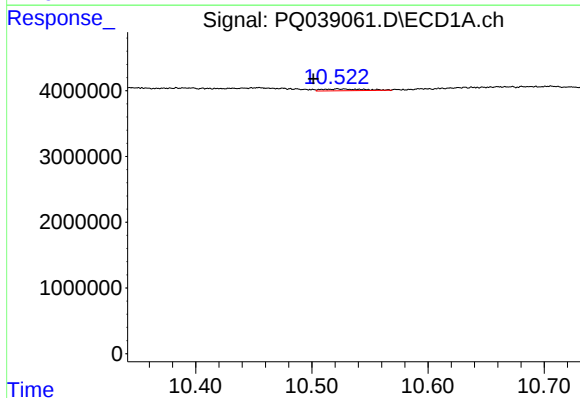
R.T.: 0.000 min
Exp R.T.: 9.634 min
Response: 0
Conc: N.D.

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



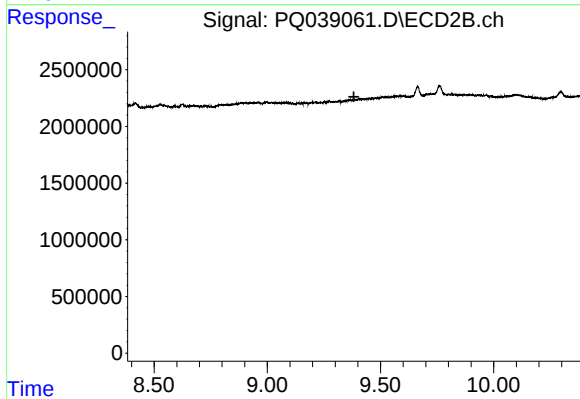
#36 AR-1262-1

R.T.: 8.527 min
Delta R.T.: -0.038 min
Response: 1282238
Conc: 5.76 ng/ml



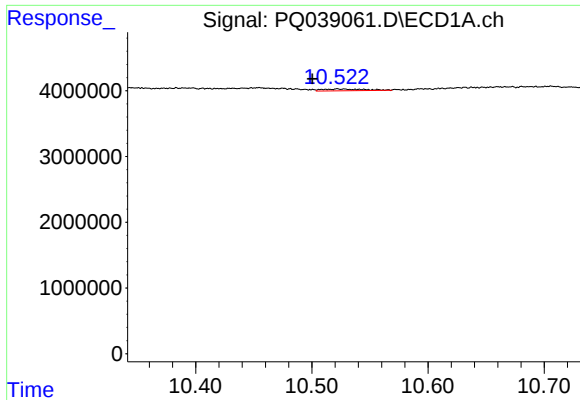
#38 AR-1262-3

R.T.: 10.524 min
Delta R.T.: 0.023 min
Response: 669373
Conc: 1.51 ng/ml



#38 AR-1262-3

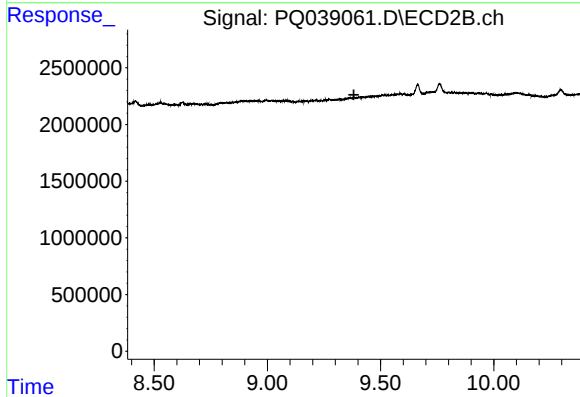
R.T.: 0.000 min
Exp R.T.: 9.383 min
Response: 0
Conc: N.D.



#41 AR-1268-1

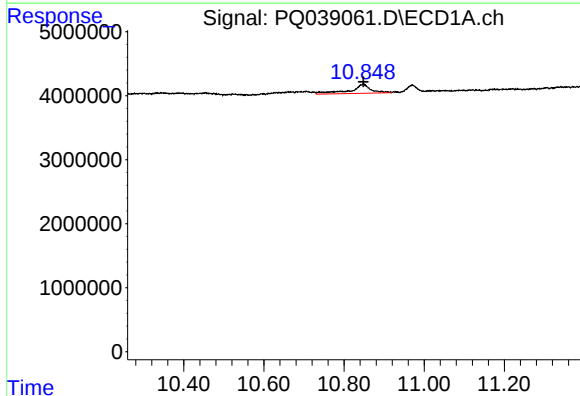
R.T.: 10.524 min
Delta R.T.: 0.024 min
Response: 669373
Conc: 0.83 ng/ml

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



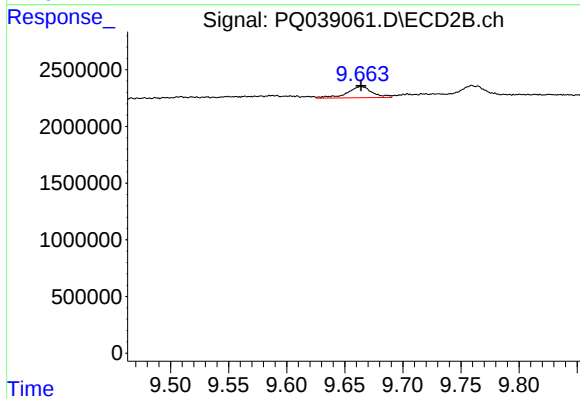
#41 AR-1268-1

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



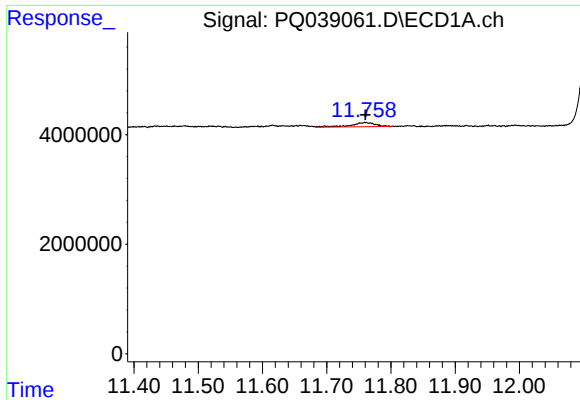
#43 AR-1268-3

R.T.: 10.848 min
Delta R.T.: 0.000 min
Response: 5088667
Conc: 7.72 ng/ml



#43 AR-1268-3

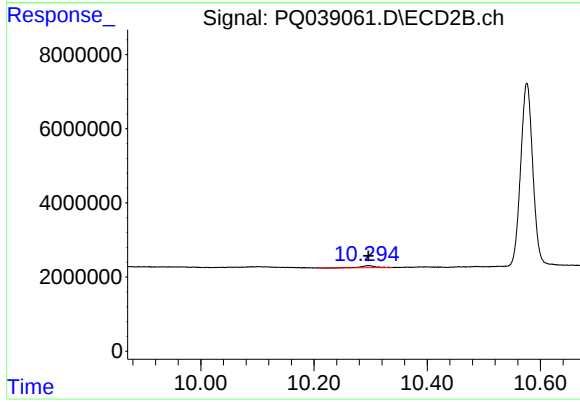
R.T.: 9.664 min
Delta R.T.: 0.000 min
Response: 1479233
Conc: 3.71 ng/ml



#45 AR-1268-5

R.T.: 11.760 min
Delta R.T.: 0.000 min
Response: 1966982
Conc: 0.86 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: 958307
Conc: 0.75 ng/ml