

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ012020\
 Data File : PQ046181.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Jan 2020 06:31
 Operator : AJ\MA
 Sample : L1161-02
 Misc : AR1248 LOQ 50 PPB
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 LOQ-SOIL-02-QT1-2020

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 21 07:43:44 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ012020.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jan 21 02:38:37 2020
 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...	5.206	4.357	150.0E6	59361427	21.148	18.923
2)	SA Decachlor...	11.345	9.785	153.1E6	101.9E6	18.080	19.717
Target Compounds							
3)	L1 AR-1016-1	6.519	5.637	9649557	3454830	37.041	31.238
4)	L1 AR-1016-2	6.542	5.658	12266683	4292087	30.030	22.993
5)	L1 AR-1016-3	6.609	5.856	6182478	2744534	24.444	30.147
6)	L1 AR-1016-4	6.715	5.900	6654680	5496062	32.694	67.212 #
7)	L1 AR-1016-5	7.032	6.135	16762907	7694141	79.441	75.058
9)	L2 AR-1221-2	5.556	4.720	3460259	833072	53.574	30.719 #
10)	L2 AR-1221-3	5.635	0.000	1608226	0	8.038	N.D. #
11)	L3 AR-1232-1	5.635	0.000	1608226	0	11.107	N.D. #
12)	L3 AR-1232-2	6.225	5.658	5107068	4292087	64.023	59.036
13)	L3 AR-1232-3	6.542	5.856	12266683	2744534	77.882	82.688
14)	L3 AR-1232-4	6.715	5.946	6654680	6036934	85.696	186.606 #
15)	L3 AR-1232-5	6.813	6.135	15223881	7694141	243.180	206.164
16)	L4 AR-1242-1	6.519	5.637	9649557	3454830	45.694	39.320
17)	L4 AR-1242-2	6.542	5.658	12266683	4292087	37.976	30.316
18)	L4 AR-1242-3	6.609	5.856	6182478	2744534	29.954	38.765 #
19)	L4 AR-1242-4	6.715	5.946	6654680	6036934	39.768	80.670 #
20)	L4 AR-1242-5	7.499	6.517	20077077	10335361	109.078	101.877
21)	L5 AR-1248-1	6.519	5.637	9649557	3454830	66.749	57.366
22)	L5 AR-1248-2	6.813	5.900	15223881	5496062	68.711	59.033
23)	L5 AR-1248-3	7.032	5.946	16762907	6036934	66.467	62.001
24)	L5 AR-1248-4	7.458	6.135	18779934	7694141	67.613	63.758
25)	L5 AR-1248-5	7.499	6.563	20077077	7648208	69.598	65.909
26)	L6 AR-1254-1	7.430	6.517	14423080	10335361	48.110	52.306
27)	L6 AR-1254-2	7.663	6.674	20187813	3385434	42.654	19.275 #
28)	L6 AR-1254-3	8.041	7.103	13094945	5584663	25.294	18.020 #
29)	L6 AR-1254-4	8.336	7.342	8866190	2927385	25.074	16.500 #
30)	L6 AR-1254-5	8.767	7.775	7285036	1520969	17.385	5.303 #
31)	L7 AR-1260-1	8.226	7.256	2334065	2456083	5.720	10.801 #
32)	L7 AR-1260-2	8.474	0.000	4580148	0	9.531	N.D. #
33)	L7 AR-1260-3	8.842	0.000	2357058	0	5.933	N.D. #
34)	L7 AR-1260-4	9.074	0.000	6577601	0	14.557	N.D. #
35)	L7 AR-1260-5	9.419	8.325	4083418	1204730	4.640	2.136 #
36)	L8 AR-1262-1	8.842	7.775	2357058	1520969	4.539	10.672 #
37)	L8 AR-1262-2	9.419	8.325	4083418	1204730	4.519	2.107 #
38)	L8 AR-1262-3	9.750	8.680	8756511	1565738	14.794	6.872 #
39)	L8 AR-1262-4	0.000	8.680	0	1565738	N.D.	3.406 #
41)	L9 AR-1268-1	9.750	8.680	8756511	1565738	7.435	2.166 #
42)	L9 AR-1268-2	0.000	8.680	0	1565738	N.D.	2.270 #
43)	L9 AR-1268-3	10.090	0.000	6683051	0	7.222	N.D. #
45)	L9 AR-1268-5	10.986	9.509	2284406	2976100	0.766	1.605 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ012020\
Data File : PQ046181.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Jan 2020 06:31
Operator : AJ\MA
Sample : L1161-02
Misc : AR1248 LOQ 50 PPB
ALS Vial : 38 Sample Multiplier: 1

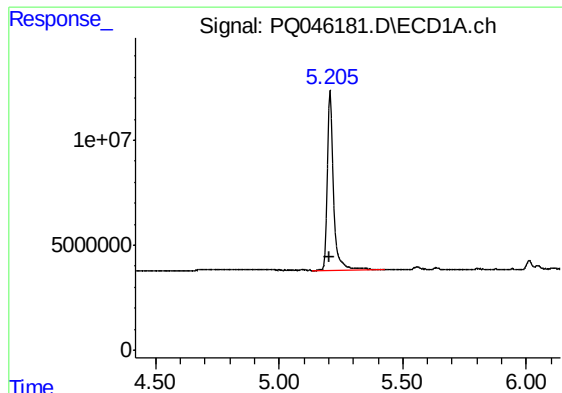
Instrument :
ECD_Q
ClientSampleId :
LOQ-SOIL-02-QT1-2020

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 21 07:43:44 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ012020.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 21 02:38:37 2020
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

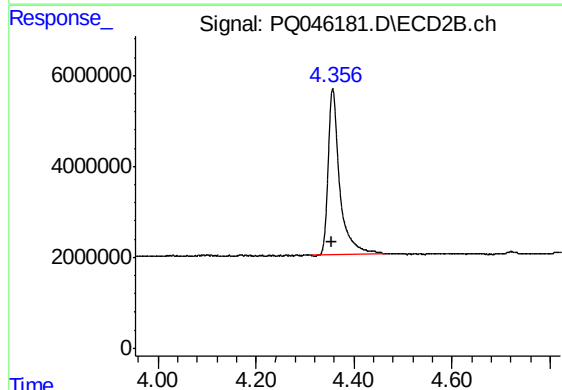
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

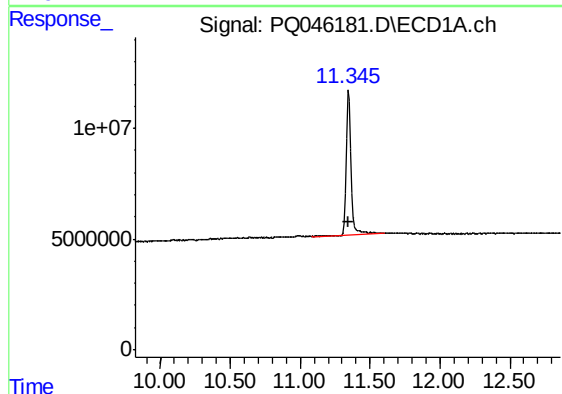
R.T.: 5.206 min
Delta R.T.: 0.000 min
Response: 149961354
Conc: 21.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOQ-SOIL-02-QT1-2020



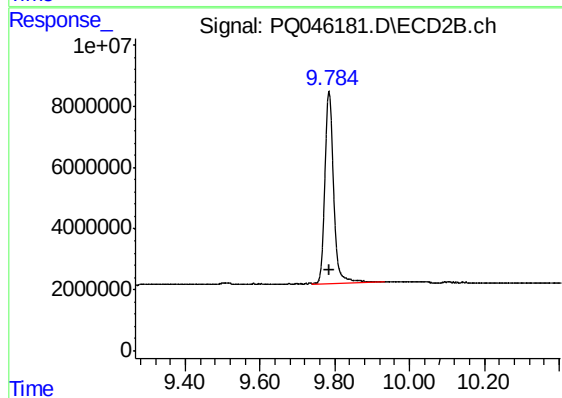
#1 Tetrachloro-m-xylene

R.T.: 4.357 min
Delta R.T.: 0.000 min
Response: 59361427
Conc: 18.92 ng/ml



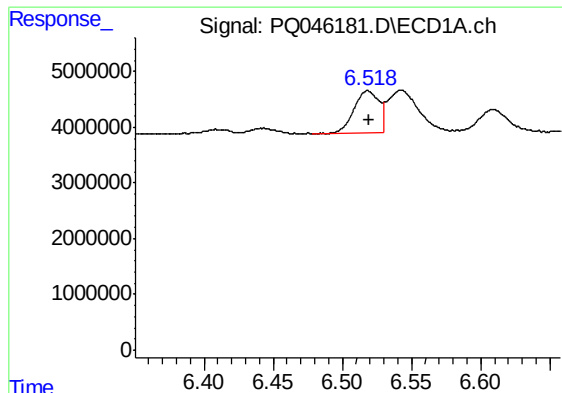
#2 Decachlorobiphenyl

R.T.: 11.345 min
Delta R.T.: -0.003 min
Response: 153115249
Conc: 18.08 ng/ml



#2 Decachlorobiphenyl

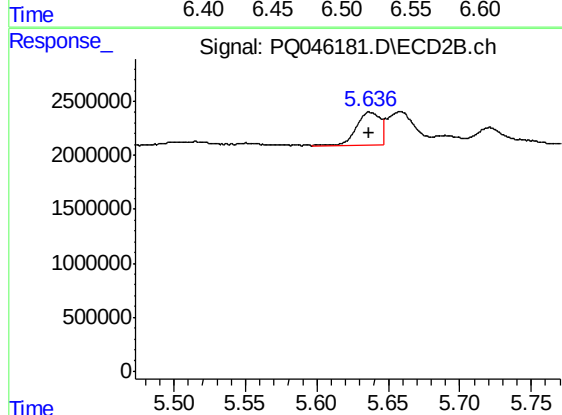
R.T.: 9.785 min
Delta R.T.: -0.002 min
Response: 101893960
Conc: 19.72 ng/ml



#3 AR-1016-1

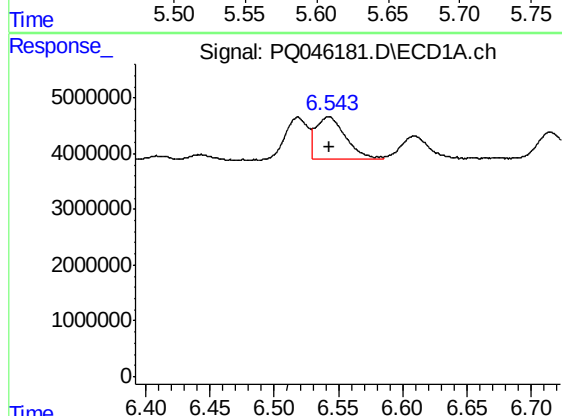
R.T.: 6.519 min
Delta R.T.: -0.001 min
Response: 9649557
Conc: 37.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOQ-SOIL-02-QT1-2020



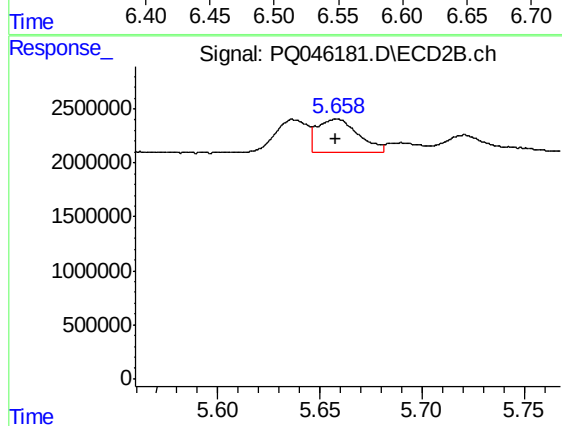
#3 AR-1016-1

R.T.: 5.637 min
Delta R.T.: 0.000 min
Response: 3454830
Conc: 31.24 ng/ml



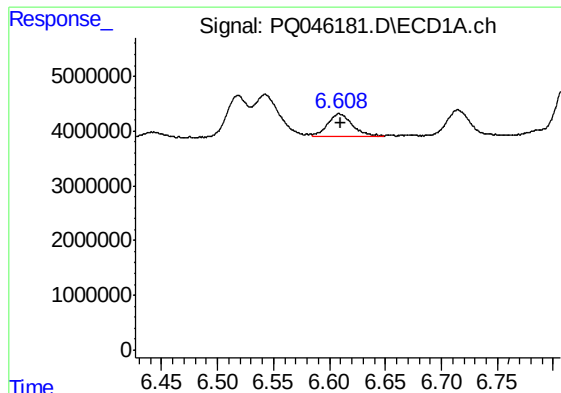
#4 AR-1016-2

R.T.: 6.542 min
Delta R.T.: 0.000 min
Response: 12266683
Conc: 30.03 ng/ml



#4 AR-1016-2

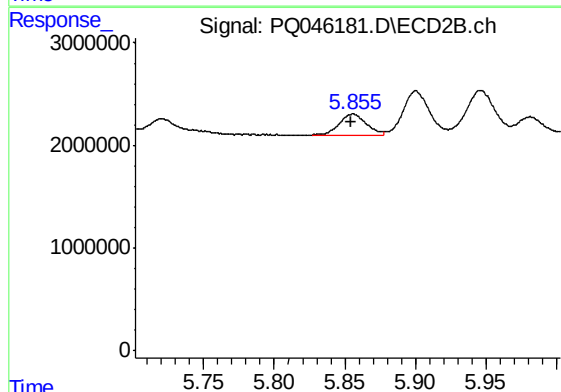
R.T.: 5.658 min
Delta R.T.: 0.000 min
Response: 4292087
Conc: 22.99 ng/ml



#5 AR-1016-3

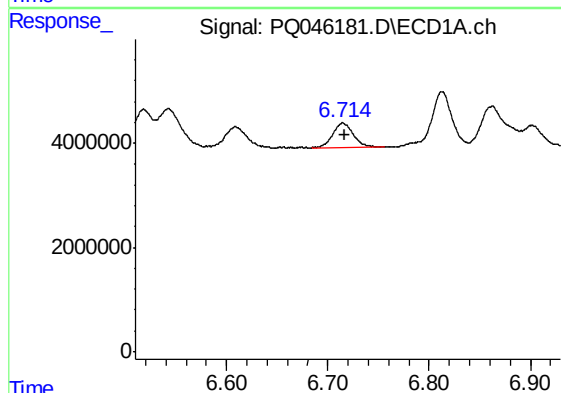
R.T.: 6.609 min
Delta R.T.: -0.001 min
Response: 6182478
Conc: 24.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOQ-SOIL-02-QT1-2020



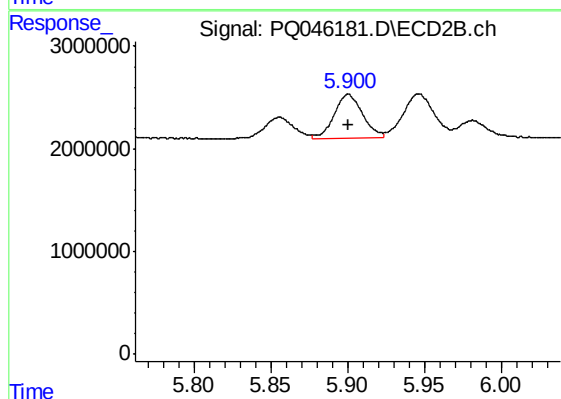
#5 AR-1016-3

R.T.: 5.856 min
Delta R.T.: 0.001 min
Response: 2744534
Conc: 30.15 ng/ml



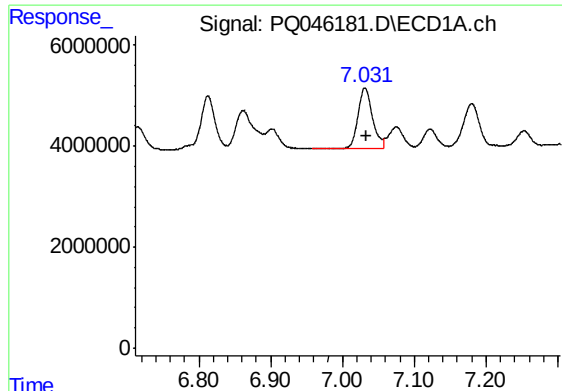
#6 AR-1016-4

R.T.: 6.715 min
Delta R.T.: -0.002 min
Response: 6654680
Conc: 32.69 ng/ml



#6 AR-1016-4

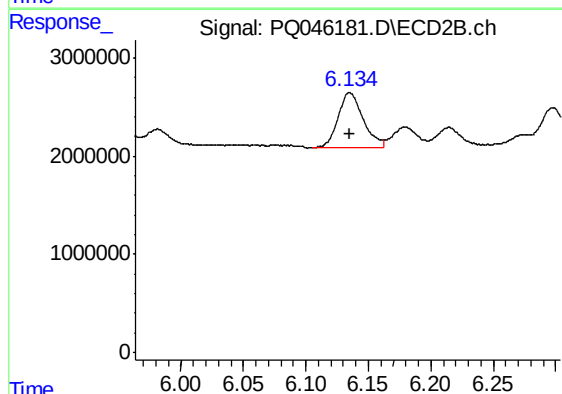
R.T.: 5.900 min
Delta R.T.: 0.000 min
Response: 5496062
Conc: 67.21 ng/ml



#7 AR-1016-5

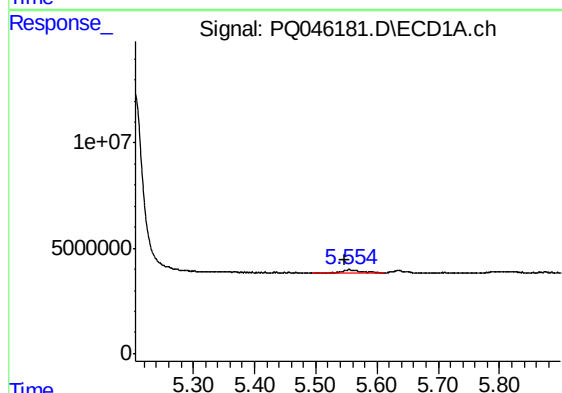
R.T.: 7.032 min
Delta R.T.: -0.001 min
Response: 16762907
Conc: 79.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOQ-SOIL-02-QT1-2020



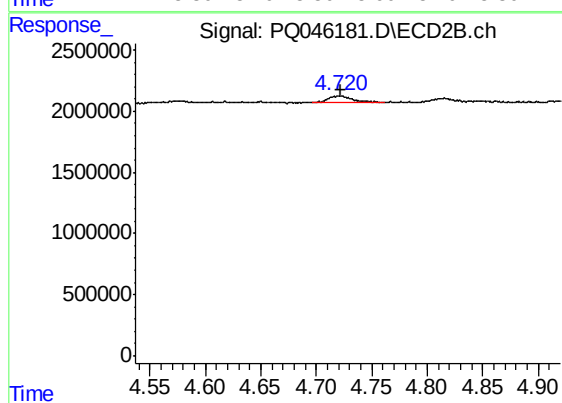
#7 AR-1016-5

R.T.: 6.135 min
Delta R.T.: 0.000 min
Response: 7694141
Conc: 75.06 ng/ml



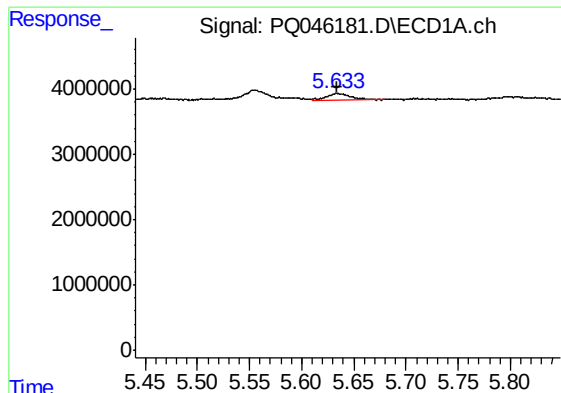
#9 AR-1221-2

R.T.: 5.556 min
Delta R.T.: 0.008 min
Response: 3460259
Conc: 53.57 ng/ml



#9 AR-1221-2

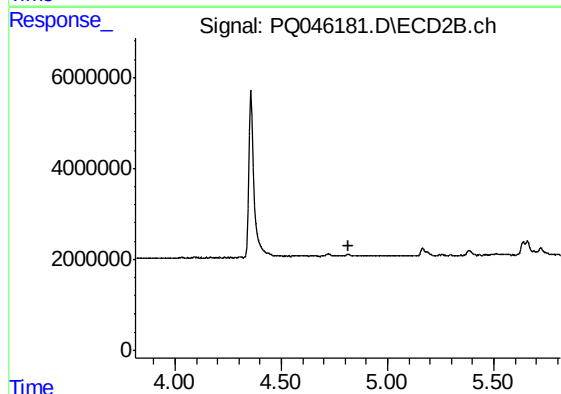
R.T.: 4.720 min
Delta R.T.: -0.002 min
Response: 833072
Conc: 30.72 ng/ml



#10 AR-1221-3

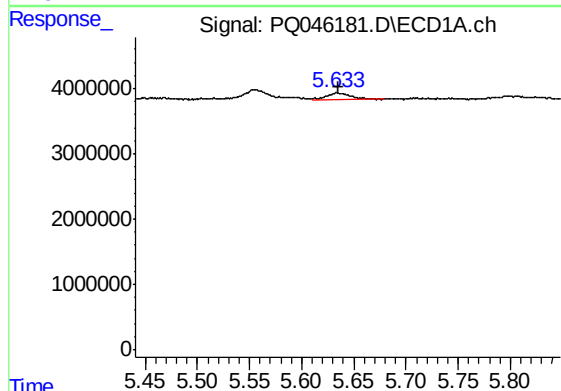
R.T.: 5.635 min
Delta R.T.: 0.000 min
Response: 1608226
Conc: 8.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOQ-SOIL-02-QT1-2020



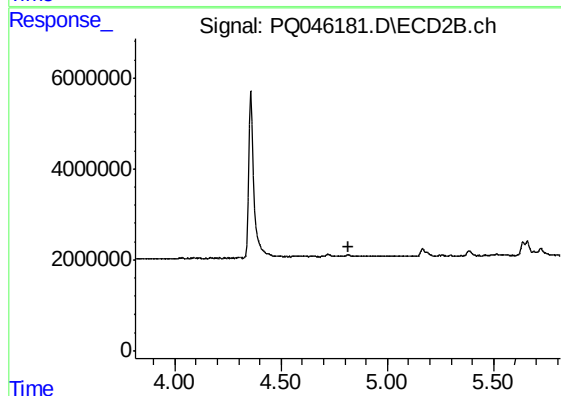
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.814 min
Response: 0
Conc: N.D.



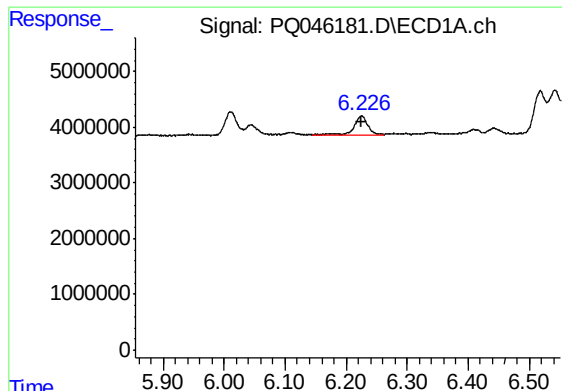
#11 AR-1232-1

R.T.: 5.635 min
Delta R.T.: 0.000 min
Response: 1608226
Conc: 11.11 ng/ml



#11 AR-1232-1

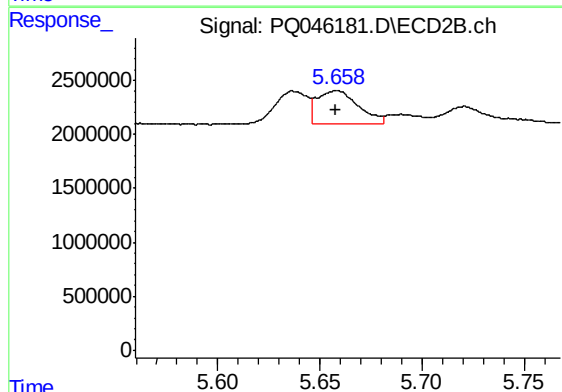
R.T.: 0.000 min
Exp R.T. : 4.814 min
Response: 0
Conc: N.D.



#12 AR-1232-2

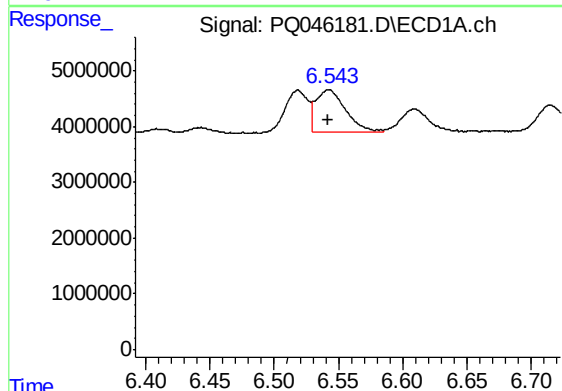
R.T.: 6.225 min
Delta R.T.: 0.000 min
Response: 5107068
Conc: 64.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOQ-SOIL-02-QT1-2020



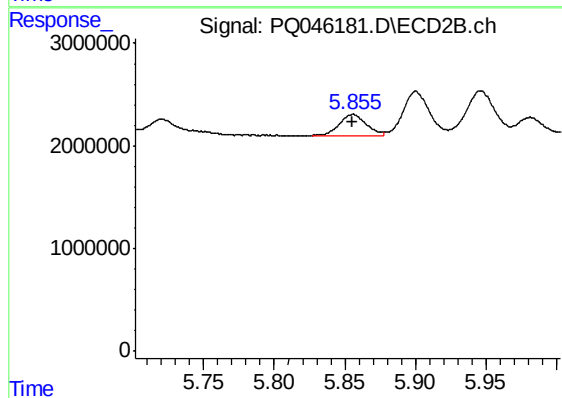
#12 AR-1232-2

R.T.: 5.658 min
Delta R.T.: 0.000 min
Response: 4292087
Conc: 59.04 ng/ml



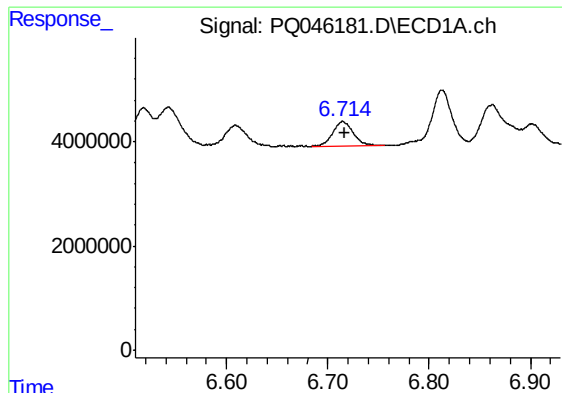
#13 AR-1232-3

R.T.: 6.542 min
Delta R.T.: 0.000 min
Response: 12266683
Conc: 77.88 ng/ml



#13 AR-1232-3

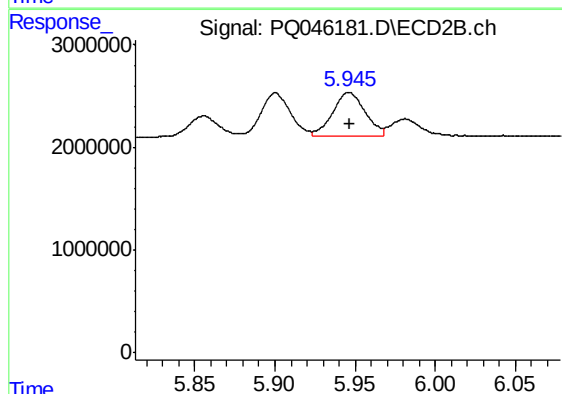
R.T.: 5.856 min
Delta R.T.: 0.000 min
Response: 2744534
Conc: 82.69 ng/ml



#14 AR-1232-4

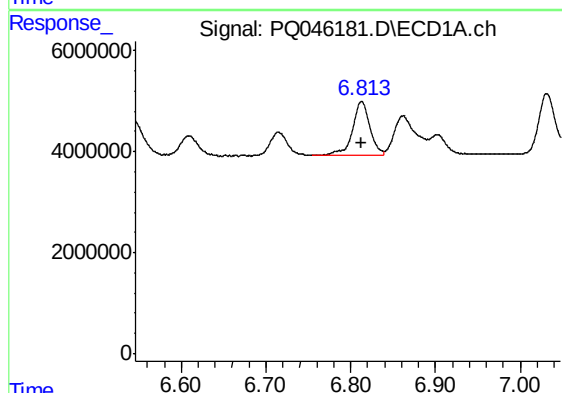
R.T.: 6.715 min
Delta R.T.: -0.002 min
Response: 6654680
Conc: 85.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOQ-SOIL-02-QT1-2020



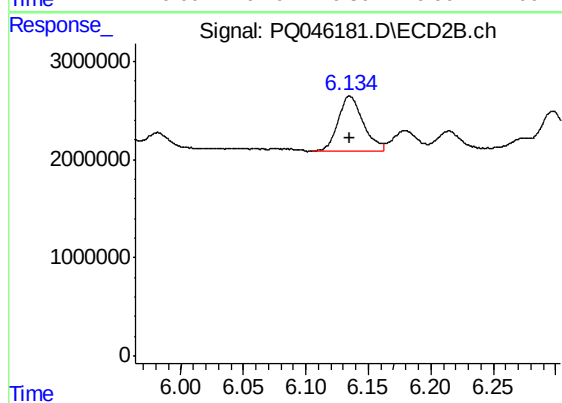
#14 AR-1232-4

R.T.: 5.946 min
Delta R.T.: 0.000 min
Response: 6036934
Conc: 186.61 ng/ml



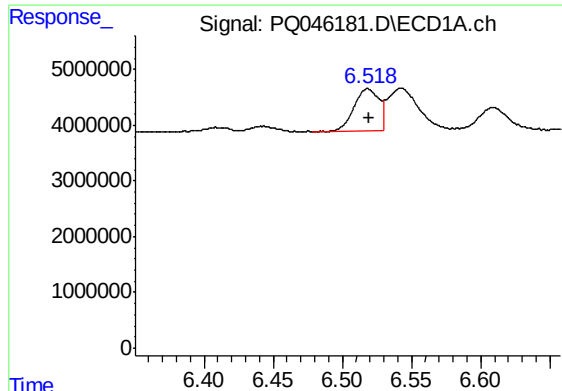
#15 AR-1232-5

R.T.: 6.813 min
Delta R.T.: 0.000 min
Response: 15223881
Conc: 243.18 ng/ml



#15 AR-1232-5

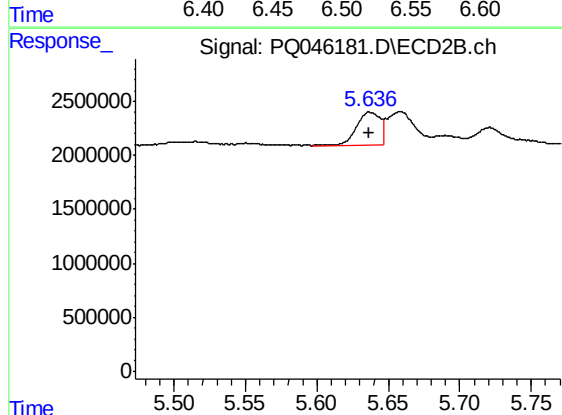
R.T.: 6.135 min
Delta R.T.: 0.000 min
Response: 7694141
Conc: 206.16 ng/ml



#16 AR-1242-1

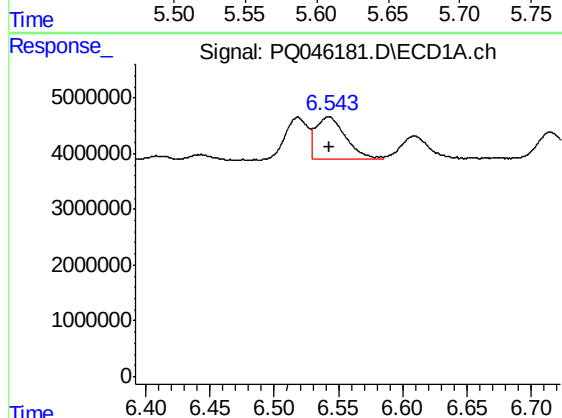
R.T.: 6.519 min
Delta R.T.: 0.000 min
Response: 9649557
Conc: 45.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOQ-SOIL-02-QT1-2020



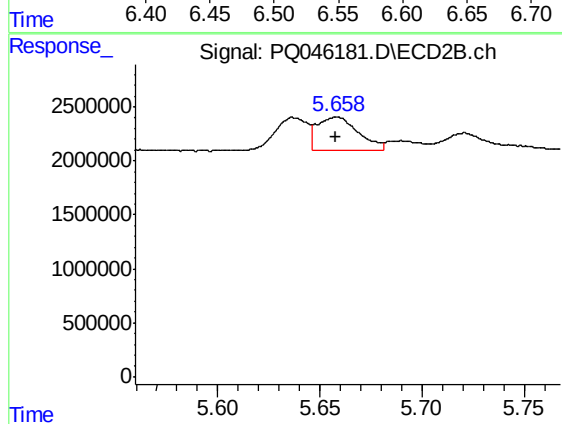
#16 AR-1242-1

R.T.: 5.637 min
Delta R.T.: 0.000 min
Response: 3454830
Conc: 39.32 ng/ml



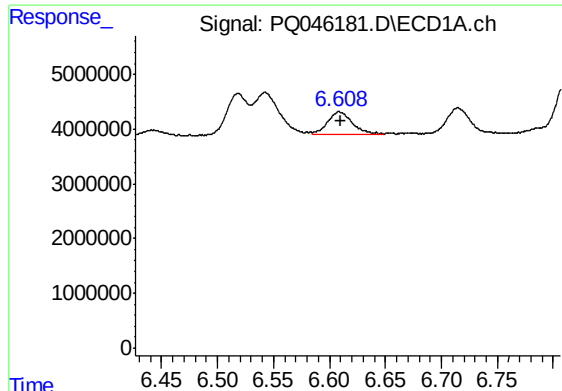
#17 AR-1242-2

R.T.: 6.542 min
Delta R.T.: 0.000 min
Response: 12266683
Conc: 37.98 ng/ml



#17 AR-1242-2

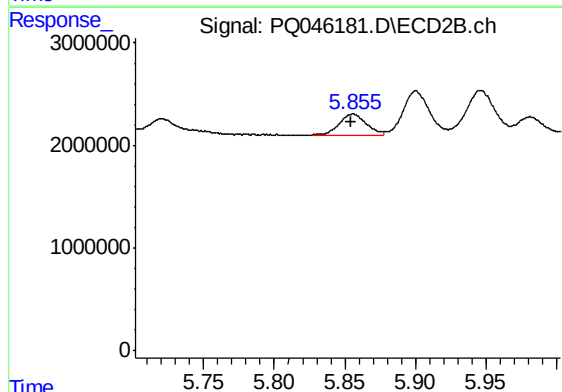
R.T.: 5.658 min
Delta R.T.: 0.000 min
Response: 4292087
Conc: 30.32 ng/ml



#18 AR-1242-3

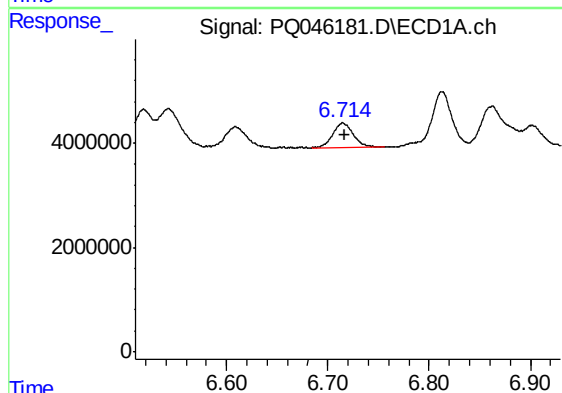
R.T.: 6.609 min
Delta R.T.: -0.001 min
Response: 6182478
Conc: 29.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOQ-SOIL-02-QT1-2020



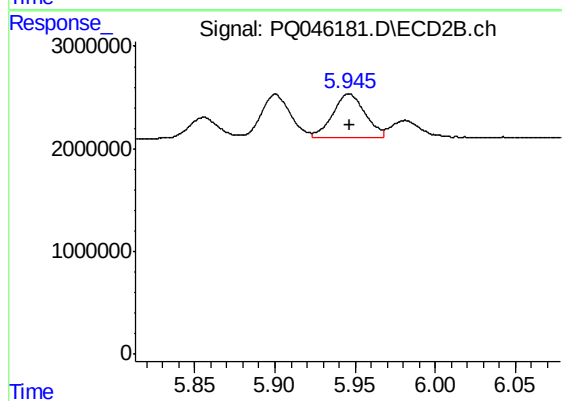
#18 AR-1242-3

R.T.: 5.856 min
Delta R.T.: 0.001 min
Response: 2744534
Conc: 38.77 ng/ml



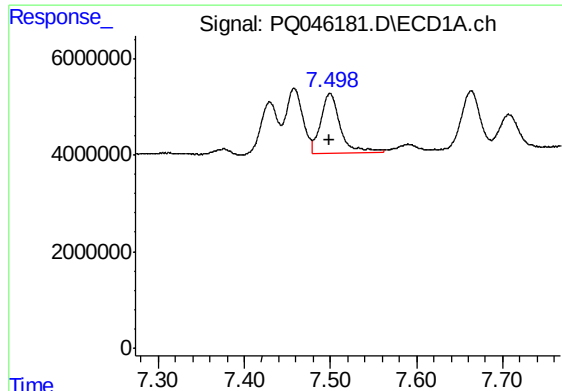
#19 AR-1242-4

R.T.: 6.715 min
Delta R.T.: -0.001 min
Response: 6654680
Conc: 39.77 ng/ml



#19 AR-1242-4

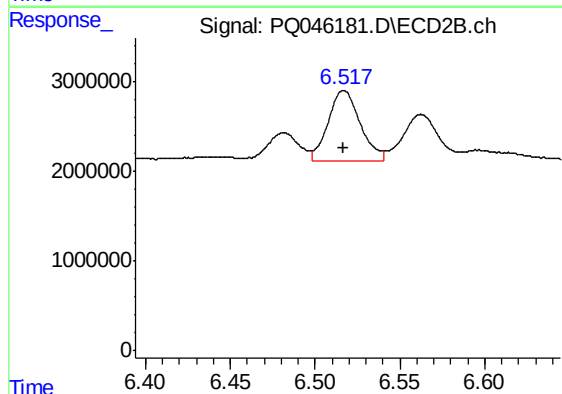
R.T.: 5.946 min
Delta R.T.: 0.000 min
Response: 6036934
Conc: 80.67 ng/ml



#20 AR-1242-5

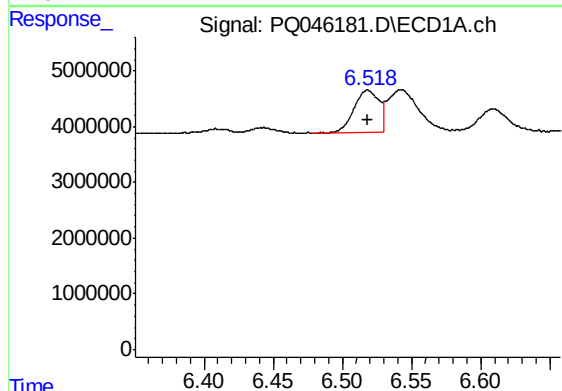
R.T.: 7.499 min
Delta R.T.: 0.000 min
Response: 20077077
Conc: 109.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOQ-SOIL-02-QT1-2020



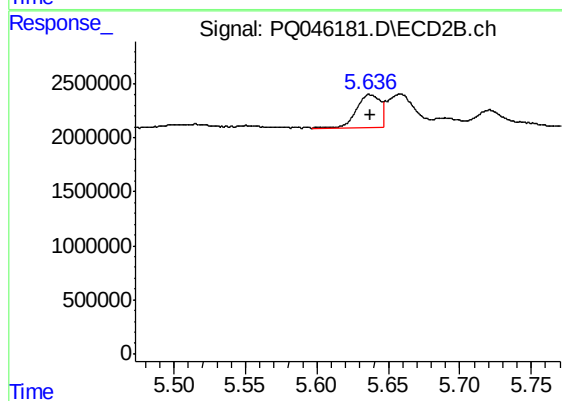
#20 AR-1242-5

R.T.: 6.517 min
Delta R.T.: 0.000 min
Response: 10335361
Conc: 101.88 ng/ml



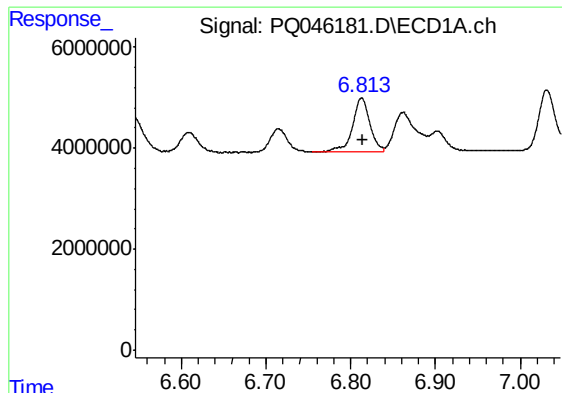
#21 AR-1248-1

R.T.: 6.519 min
Delta R.T.: 0.000 min
Response: 9649557
Conc: 66.75 ng/ml



#21 AR-1248-1

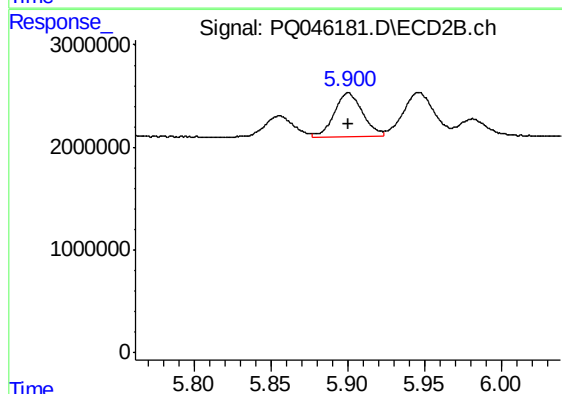
R.T.: 5.637 min
Delta R.T.: 0.000 min
Response: 3454830
Conc: 57.37 ng/ml



#22 AR-1248-2

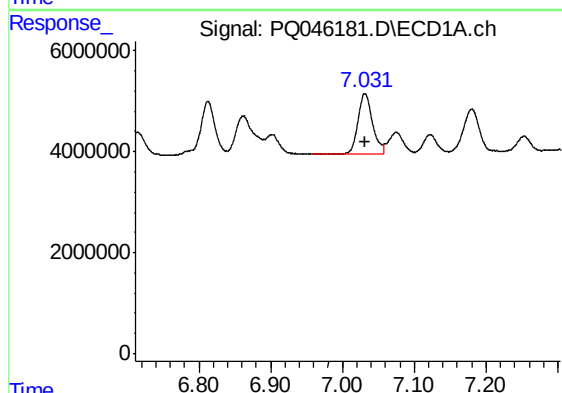
R.T.: 6.813 min
Delta R.T.: -0.001 min
Response: 15223881
Conc: 68.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOQ-SOIL-02-QT1-2020



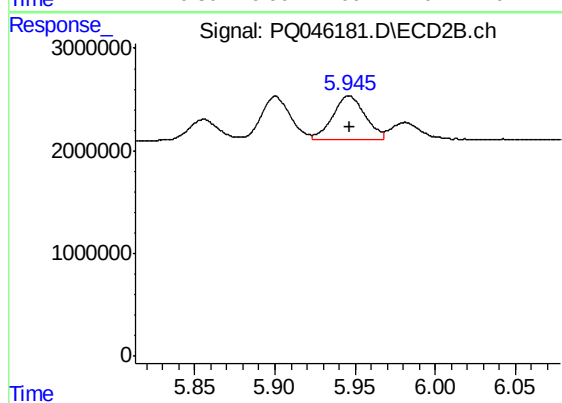
#22 AR-1248-2

R.T.: 5.900 min
Delta R.T.: 0.000 min
Response: 5496062
Conc: 59.03 ng/ml



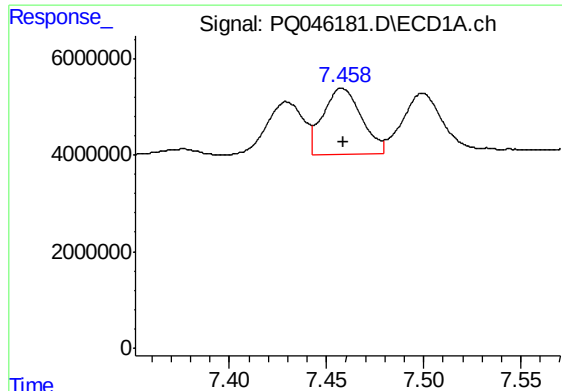
#23 AR-1248-3

R.T.: 7.032 min
Delta R.T.: 0.000 min
Response: 16762907
Conc: 66.47 ng/ml



#23 AR-1248-3

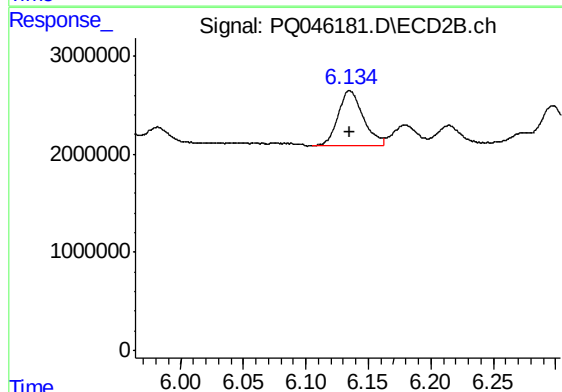
R.T.: 5.946 min
Delta R.T.: 0.000 min
Response: 6036934
Conc: 62.00 ng/ml



#24 AR-1248-4

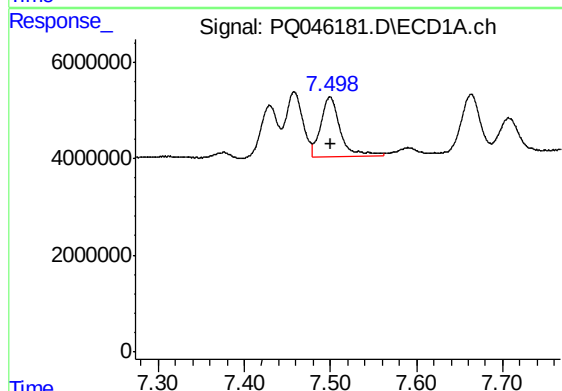
R.T.: 7.458 min
Delta R.T.: 0.000 min
Response: 18779934
Conc: 67.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOQ-SOIL-02-QT1-2020



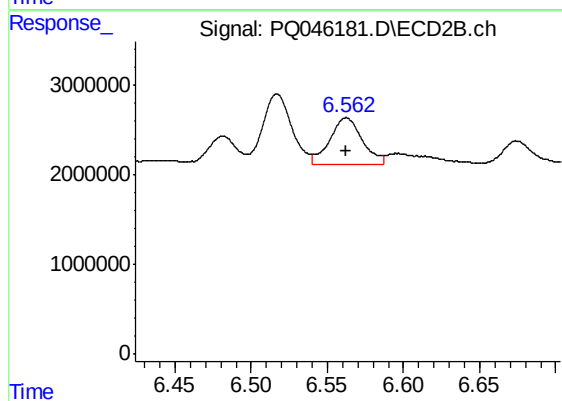
#24 AR-1248-4

R.T.: 6.135 min
Delta R.T.: 0.000 min
Response: 7694141
Conc: 63.76 ng/ml



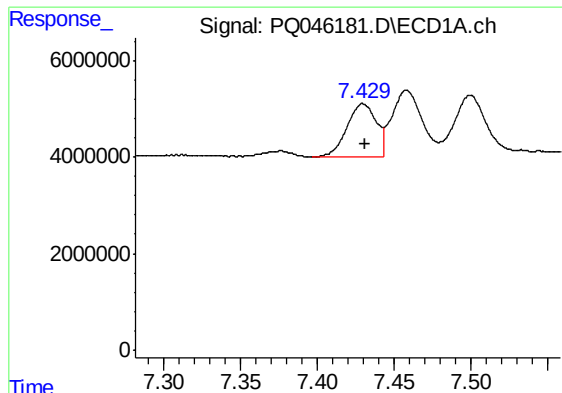
#25 AR-1248-5

R.T.: 7.499 min
Delta R.T.: 0.000 min
Response: 20077077
Conc: 69.60 ng/ml



#25 AR-1248-5

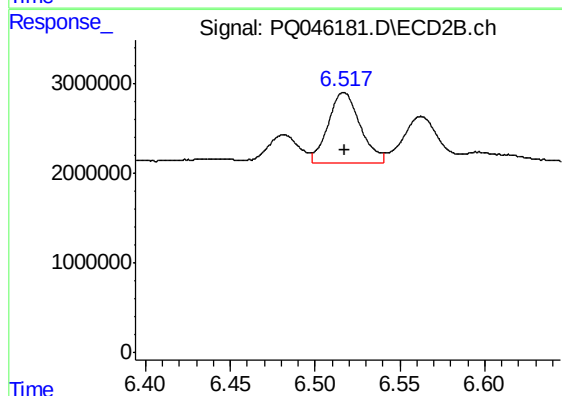
R.T.: 6.563 min
Delta R.T.: 0.000 min
Response: 7648208
Conc: 65.91 ng/ml



#26 AR-1254-1

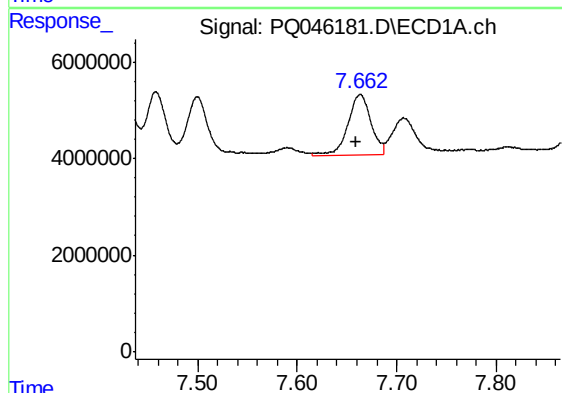
R.T.: 7.430 min
Delta R.T.: -0.001 min
Response: 14423080
Conc: 48.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOQ-SOIL-02-QT1-2020



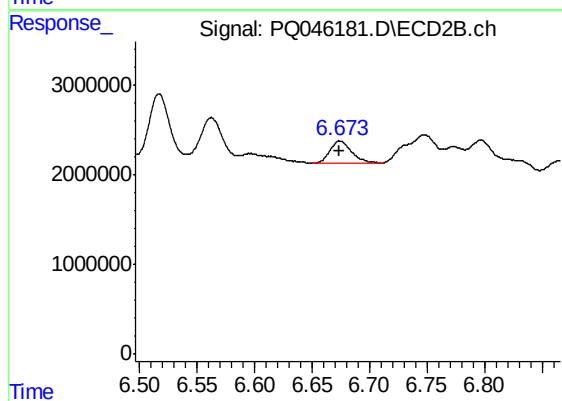
#26 AR-1254-1

R.T.: 6.517 min
Delta R.T.: 0.000 min
Response: 10335361
Conc: 52.31 ng/ml



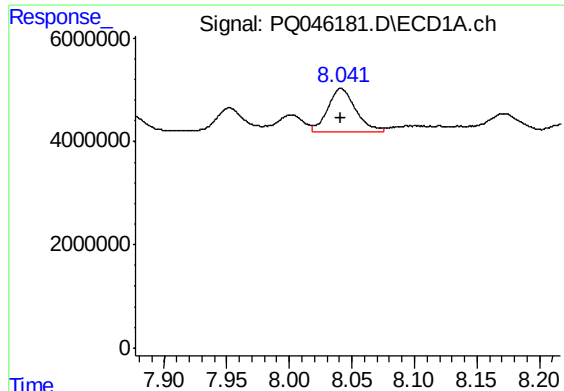
#27 AR-1254-2

R.T.: 7.663 min
Delta R.T.: 0.004 min
Response: 20187813
Conc: 42.65 ng/ml



#27 AR-1254-2

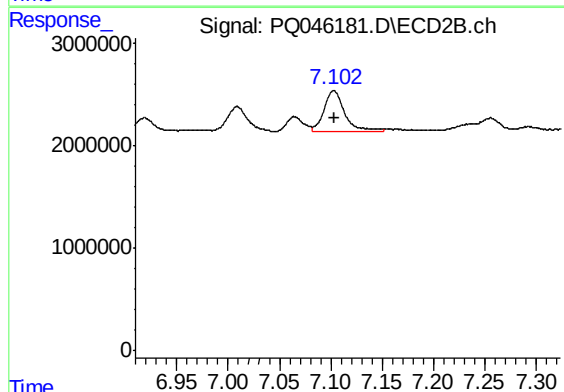
R.T.: 6.674 min
Delta R.T.: 0.000 min
Response: 3385434
Conc: 19.27 ng/ml



#28 AR-1254-3

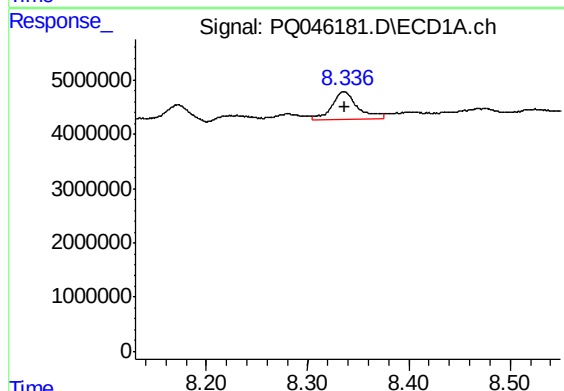
R.T.: 8.041 min
Delta R.T.: 0.000 min
Response: 13094945
Conc: 25.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOQ-SOIL-02-QT1-2020



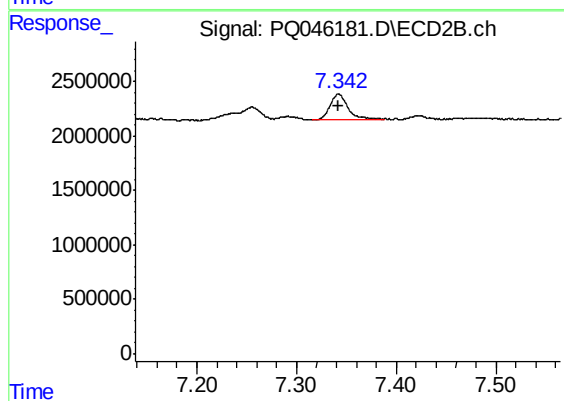
#28 AR-1254-3

R.T.: 7.103 min
Delta R.T.: 0.000 min
Response: 5584663
Conc: 18.02 ng/ml



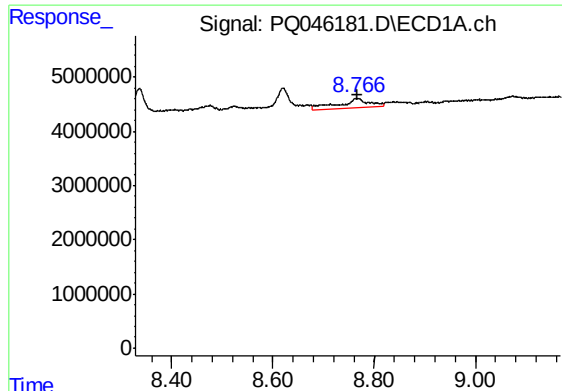
#29 AR-1254-4

R.T.: 8.336 min
Delta R.T.: 0.000 min
Response: 8866190
Conc: 25.07 ng/ml



#29 AR-1254-4

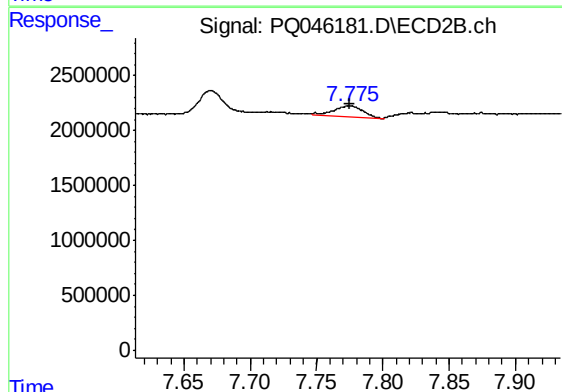
R.T.: 7.342 min
Delta R.T.: 0.000 min
Response: 2927385
Conc: 16.50 ng/ml



#30 AR-1254-5

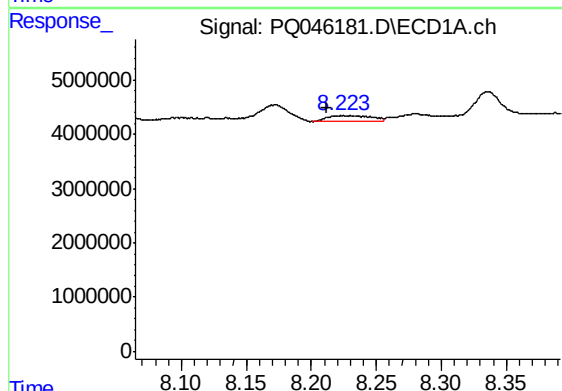
R.T.: 8.767 min
Delta R.T.: 0.000 min
Response: 7285036
Conc: 17.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOQ-SOIL-02-QT1-2020



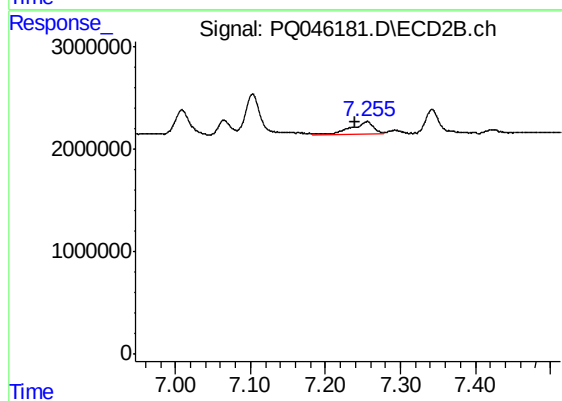
#30 AR-1254-5

R.T.: 7.775 min
Delta R.T.: 0.000 min
Response: 1520969
Conc: 5.30 ng/ml



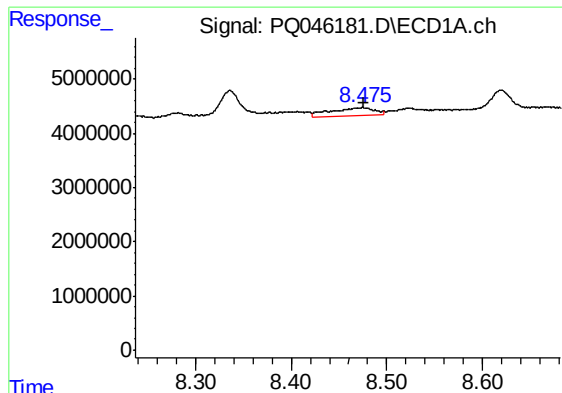
#31 AR-1260-1

R.T.: 8.226 min
Delta R.T.: 0.014 min
Response: 2334065
Conc: 5.72 ng/ml



#31 AR-1260-1

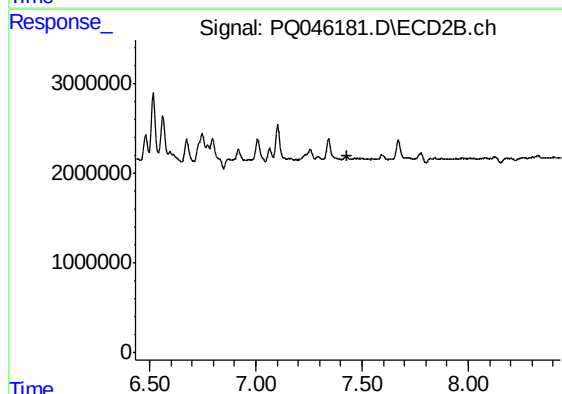
R.T.: 7.256 min
Delta R.T.: 0.017 min
Response: 2456083
Conc: 10.80 ng/ml



#32 AR-1260-2

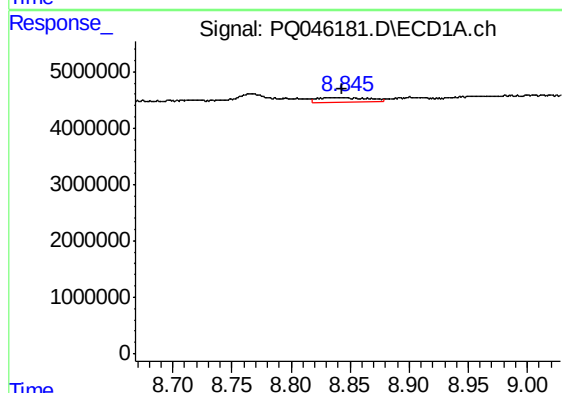
R.T.: 8.474 min
Delta R.T.: -0.002 min
Response: 4580148
Conc: 9.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOQ-SOIL-02-QT1-2020



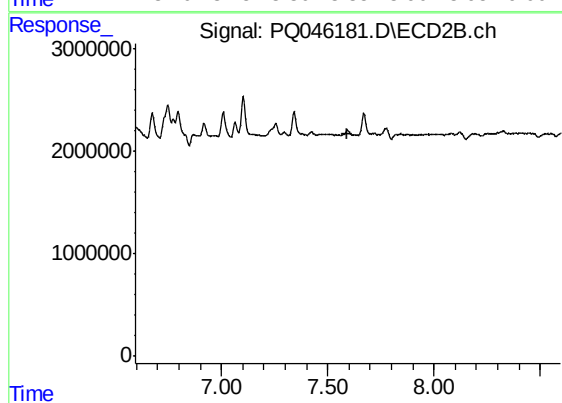
#32 AR-1260-2

R.T.: 0.000 min
Exp R.T. : 7.433 min
Response: 0
Conc: N.D.



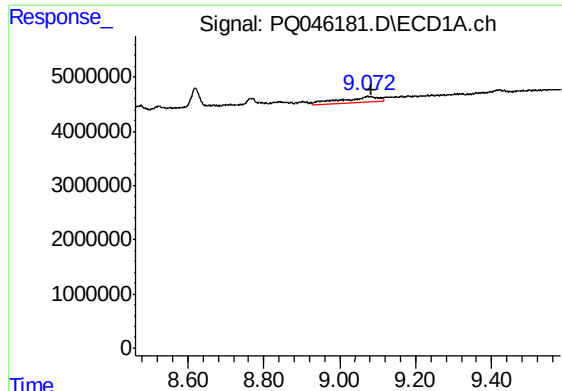
#33 AR-1260-3

R.T.: 8.842 min
Delta R.T.: -0.002 min
Response: 2357058
Conc: 5.93 ng/ml



#33 AR-1260-3

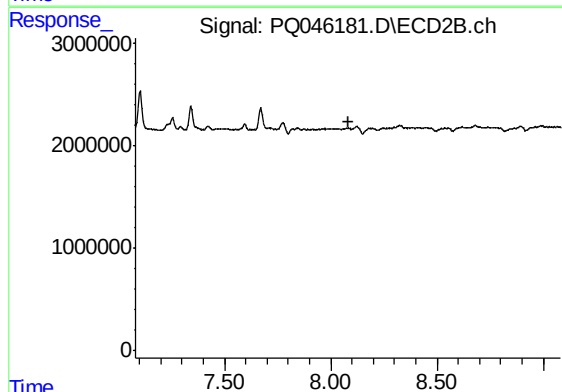
R.T.: 0.000 min
Exp R.T. : 7.595 min
Response: 0
Conc: N.D.



#34 AR-1260-4

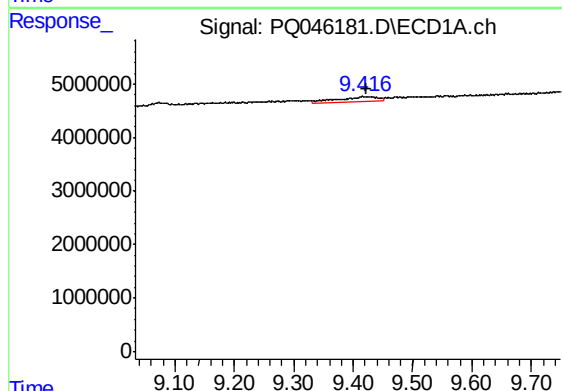
R.T.: 9.074 min
Delta R.T.: -0.009 min
Response: 6577601
Conc: 14.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOQ-SOIL-02-QT1-2020



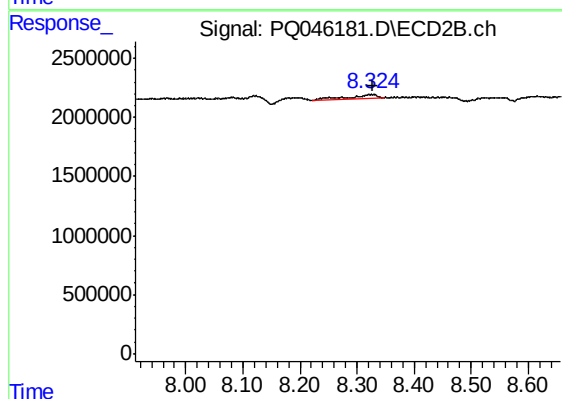
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T. : 8.081 min
Response: 0
Conc: N.D.



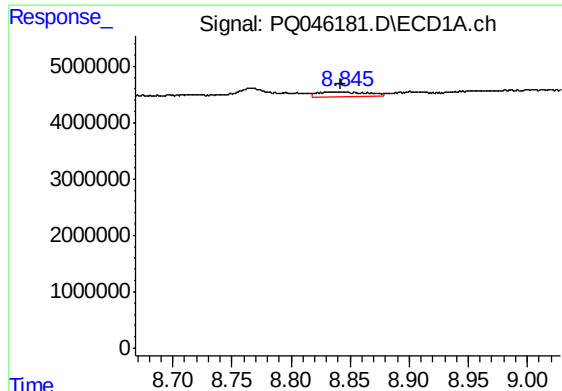
#35 AR-1260-5

R.T.: 9.419 min
Delta R.T.: -0.004 min
Response: 4083418
Conc: 4.64 ng/ml



#35 AR-1260-5

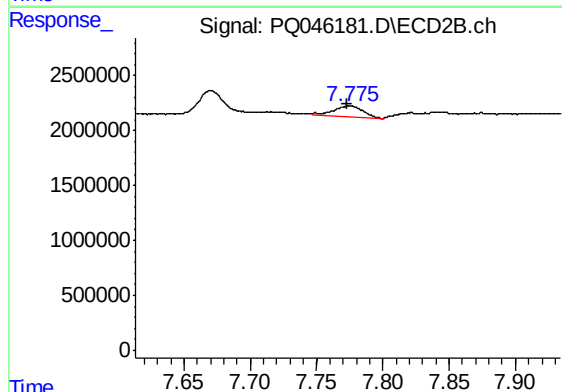
R.T.: 8.325 min
Delta R.T.: -0.002 min
Response: 1204730
Conc: 2.14 ng/ml



#36 AR-1262-1

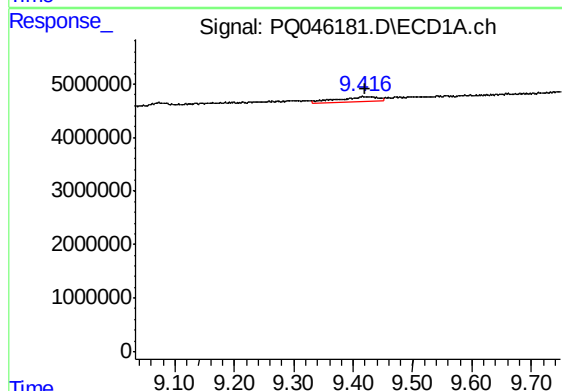
R.T.: 8.842 min
Delta R.T.: 0.000 min
Response: 2357058
Conc: 4.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOQ-SOIL-02-QT1-2020



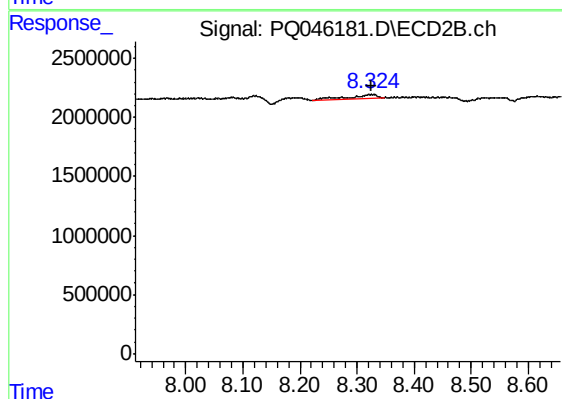
#36 AR-1262-1

R.T.: 7.775 min
Delta R.T.: 0.002 min
Response: 1520969
Conc: 10.67 ng/ml



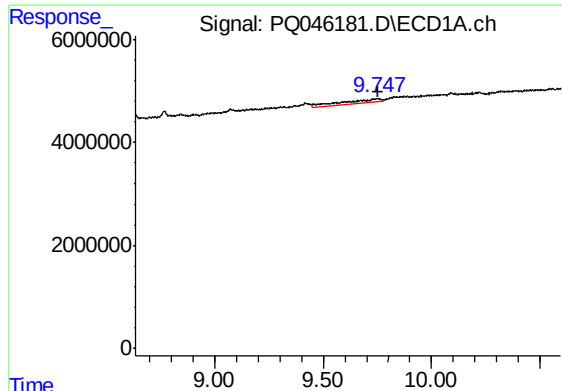
#37 AR-1262-2

R.T.: 9.419 min
Delta R.T.: -0.002 min
Response: 4083418
Conc: 4.52 ng/ml



#37 AR-1262-2

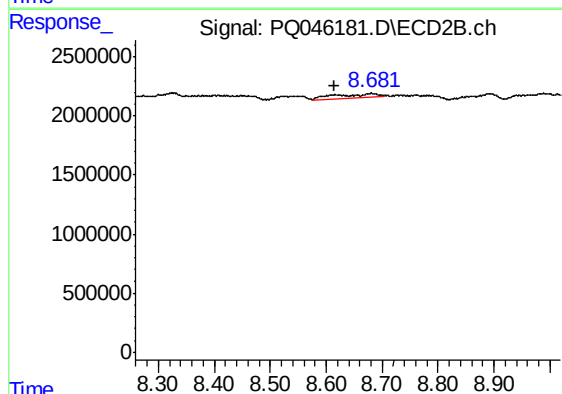
R.T.: 8.325 min
Delta R.T.: 0.000 min
Response: 1204730
Conc: 2.11 ng/ml



#38 AR-1262-3

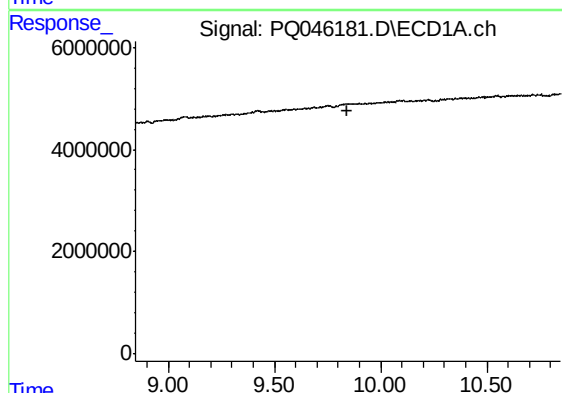
R.T.: 9.750 min
Delta R.T.: -0.001 min
Response: 8756511
Conc: 14.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOQ-SOIL-02-QT1-2020



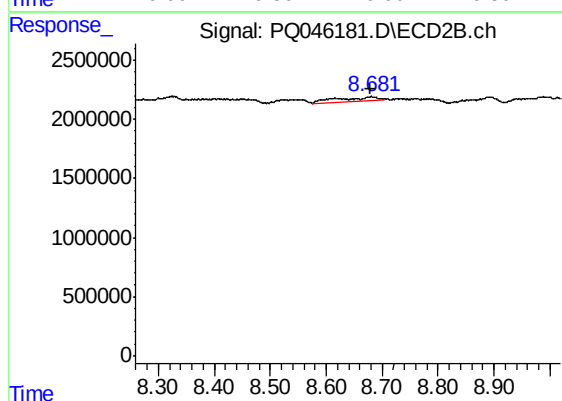
#38 AR-1262-3

R.T.: 8.680 min
Delta R.T.: 0.066 min
Response: 1565738
Conc: 6.87 ng/ml



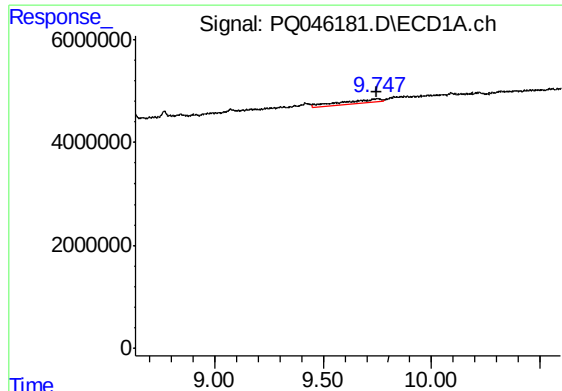
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 9.846 min
Response: 0
Conc: N.D.



#39 AR-1262-4

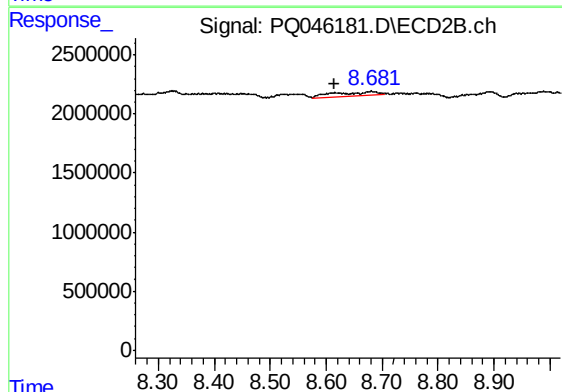
R.T.: 8.680 min
Delta R.T.: 0.000 min
Response: 1565738
Conc: 3.41 ng/ml



#41 AR-1268-1

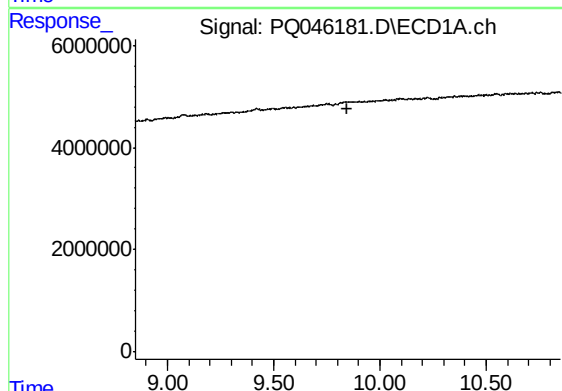
R.T.: 9.750 min
Delta R.T.: 0.000 min
Response: 8756511
Conc: 7.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOQ-SOIL-02-QT1-2020



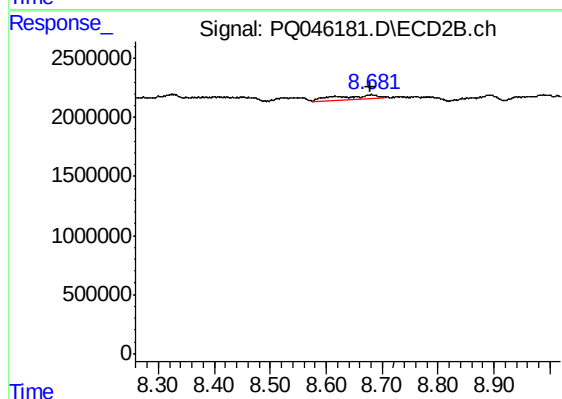
#41 AR-1268-1

R.T.: 8.680 min
Delta R.T.: 0.066 min
Response: 1565738
Conc: 2.17 ng/ml



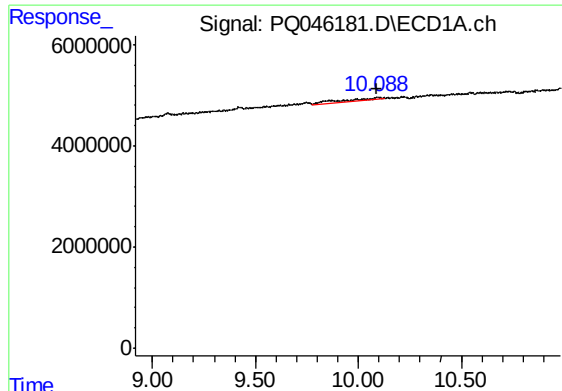
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 9.849 min
Response: 0
Conc: N.D.



#42 AR-1268-2

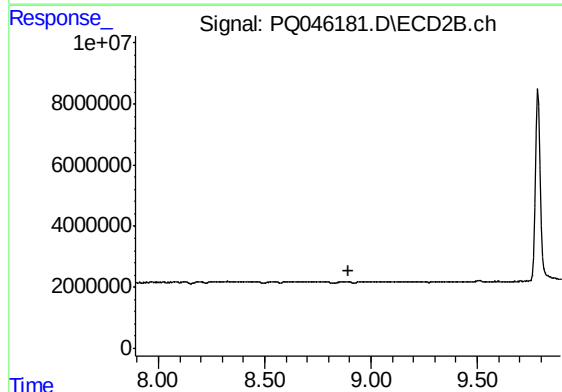
R.T.: 8.680 min
Delta R.T.: 0.000 min
Response: 1565738
Conc: 2.27 ng/ml



#43 AR-1268-3

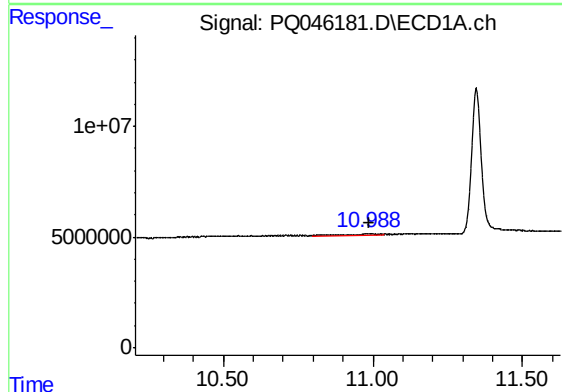
R.T.: 10.090 min
Delta R.T.: 0.000 min
Response: 6683051
Conc: 7.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOQ-SOIL-02-QT1-2020



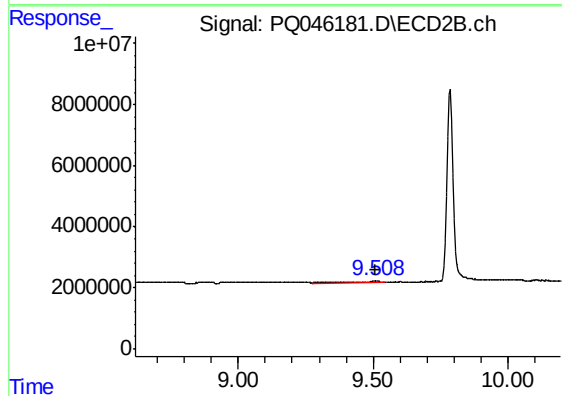
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 8.892 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 10.986 min
Delta R.T.: 0.000 min
Response: 2284406
Conc: 0.77 ng/ml



#45 AR-1268-5

R.T.: 9.509 min
Delta R.T.: 0.000 min
Response: 2976100
Conc: 1.61 ng/ml