

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072921\
 Data File : PQ054154.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Jul 2021 22:10
 Operator : AJ\MA
 Sample : M2940-02
 Misc : AR1221 LOQ 50 PPB
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 LOQ-SOIL-02-QT3-2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 30 04:20:00 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072921.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Jul 30 02:37:02 2021
 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...	5.204	4.208	392.7E6	223.7E6	16.815	15.826
2)	SA Decachlor...	11.377	9.546	295.3E6	235.9E6	17.549	18.698
Target Compounds							
3)	L1 AR-1016-1	6.529	5.494f	1789525	6372899	2.441	14.078 #
4)	L1 AR-1016-2	6.554	5.494	2441180	6372899	2.173	8.598 #
5)	L1 AR-1016-3	6.599f	5.683	3604386	2059824	5.225	5.714
6)	L1 AR-1016-4	0.000	5.753f	0	6251835	N.D.	21.904 #
7)	L1 AR-1016-5	0.000	5.981f	0	834377	N.D.	2.290 #
8)	L2 AR-1221-1	5.455	4.466	12537094	5306392	51.818	37.243 #
9)	L2 AR-1221-2	5.558	4.567	13832449	5774540	76.361	54.740 #
10)	L2 AR-1221-3	5.643	4.656	25732703	15117076	44.972	43.079
11)	L3 AR-1232-1	5.643	4.656	25732703	15117076	65.869	64.765
12)	L3 AR-1232-2	6.233	5.494	2366770	6372899	10.188	22.004 #
13)	L3 AR-1232-3	6.554	5.683	2441180	2059824	5.689	15.525 #
14)	L3 AR-1232-4	0.000	5.753f	0	6251835	N.D.	54.788 #
15)	L3 AR-1232-5	0.000	5.981f	0	834377	N.D.	6.493 #
16)	L4 AR-1242-1	6.529	5.494f	1789525	6372899	3.897	23.439 #
17)	L4 AR-1242-2	6.554	5.494	2441180	6372899	3.464	13.540 #
18)	L4 AR-1242-3	6.599f	5.683	3604386	2059824	8.279	9.337
19)	L4 AR-1242-4	0.000	5.753f	0	6251835	N.D.	28.898 #
20)	L4 AR-1242-5	0.000	6.344	0	2537443	N.D.	8.554 #
21)	L5 AR-1248-1	6.529	5.494f	1789525	6372899	4.824	28.247 #
22)	L5 AR-1248-2	0.000	5.753f	0	6251835	N.D.	19.049 #
23)	L5 AR-1248-3	0.000	5.753f	0	6251835	N.D.	18.905 #
24)	L5 AR-1248-4	7.470	5.981f	603639	834377	0.909	2.102 #
25)	L5 AR-1248-5	0.000	6.383	0	2480004	N.D.	6.222 #
26)	L6 AR-1254-1	7.439	6.344	154310	2537443	0.218	3.794 #
27)	L6 AR-1254-2	0.000	6.501	0	3512121	N.D.	5.712 #
28)	L6 AR-1254-3	8.078f	6.935	4916707	4670766	4.181	4.837
30)	L6 AR-1254-5	0.000	7.592	0	3534469	N.D.	3.624 #
31)	L7 AR-1260-1	0.000	7.060	0	5911750	N.D.	7.887 #
32)	L7 AR-1260-2	8.492	7.257	4007089	2889847	3.529	2.767
33)	L7 AR-1260-3	0.000	7.401	0	9503657	N.D.	10.920 #
34)	L7 AR-1260-4	0.000	7.894	0	6416578	N.D.	10.306 #
35)	L7 AR-1260-5	0.000	8.143	0	2515476	N.D.	1.468 #
36)	L8 AR-1262-1	0.000	7.592	0	3534469	N.D.	7.821 #
37)	L8 AR-1262-2	0.000	8.143	0	2515476	N.D.	1.336 #
43)	L9 AR-1268-3	0.000	8.702	0	1370021	N.D.	0.820 #
45)	L9 AR-1268-5	0.000	9.289	0	2160322	N.D.	0.458 #

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

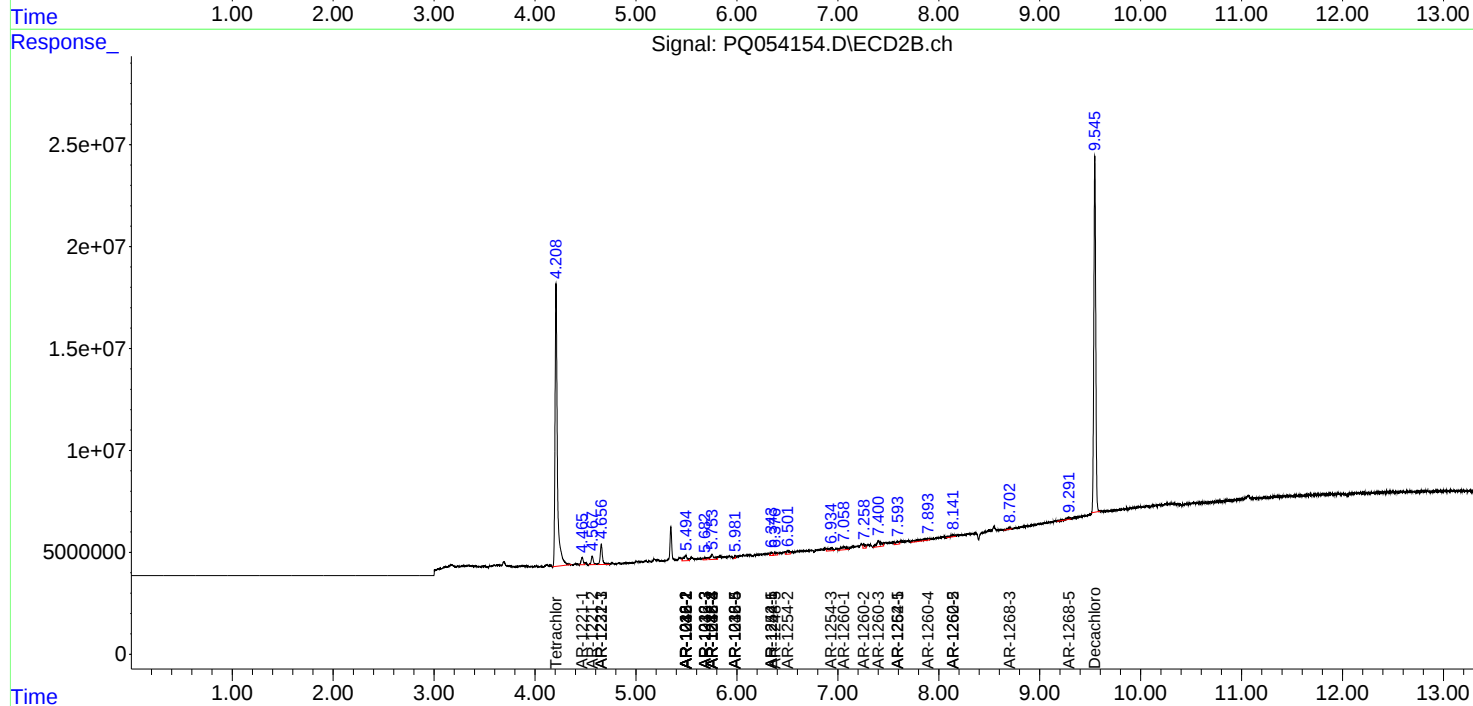
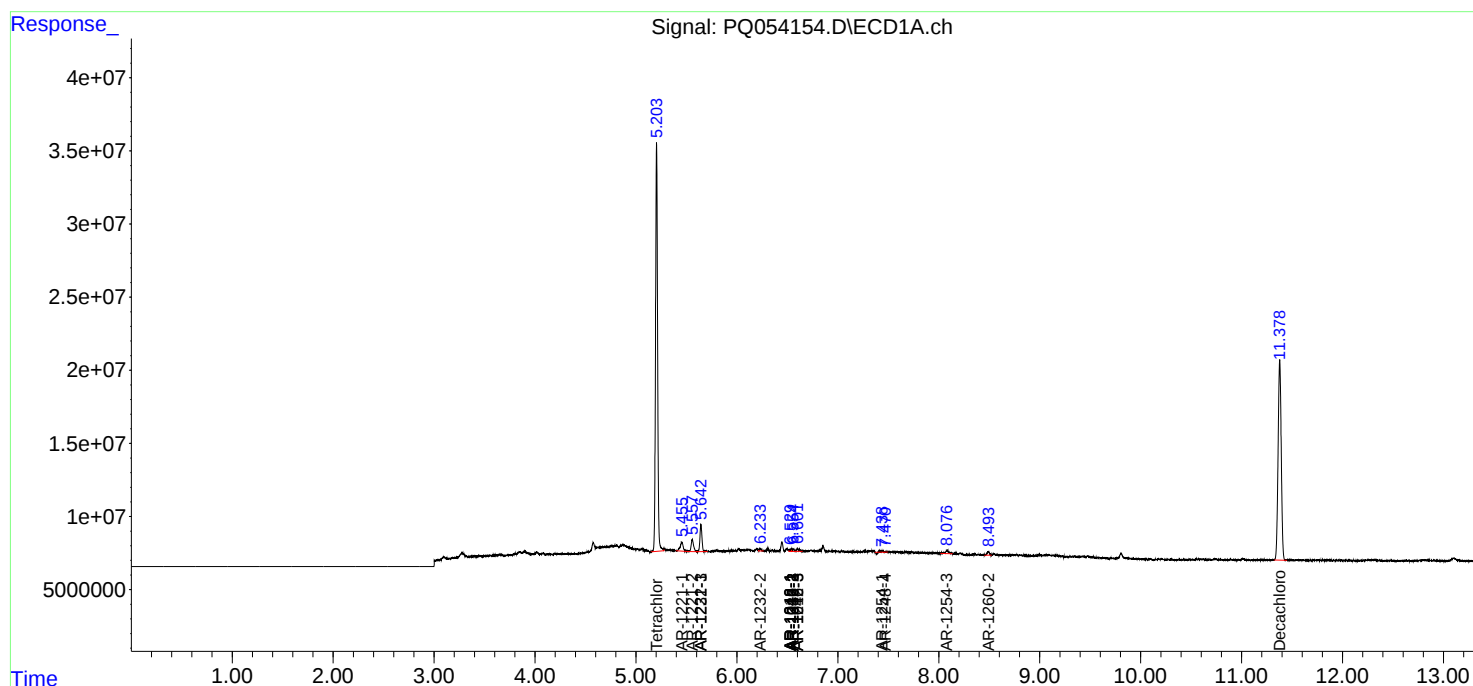
Instrument :
ECD_Q
ClientSampleId :
LOQ-SOIL-02-QT3-2021

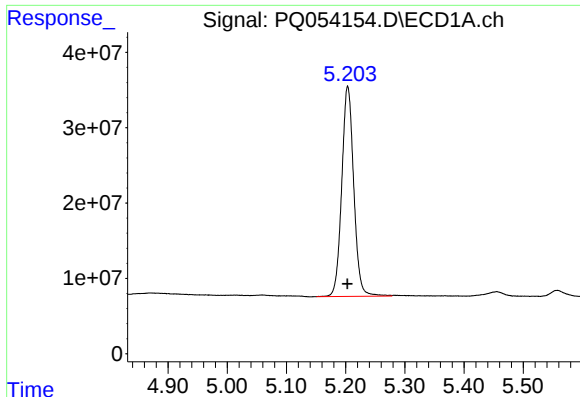
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072921\
Data File : PQ054154.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Jul 2021 22:10
Operator : AJ\MA
Sample : M2940-02
Misc : AR1221 LOQ 50 PPB
ALS Vial : 24 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
LOQ-SOIL-02-QT3-2021

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 30 04:20:00 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072921.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Jul 30 02:37:02 2021
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

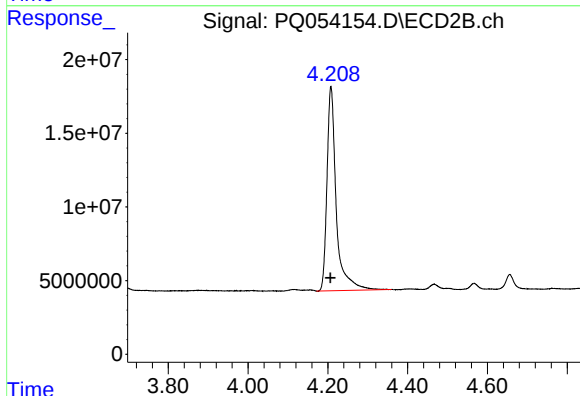




#1 Tetrachloro-m-xylene

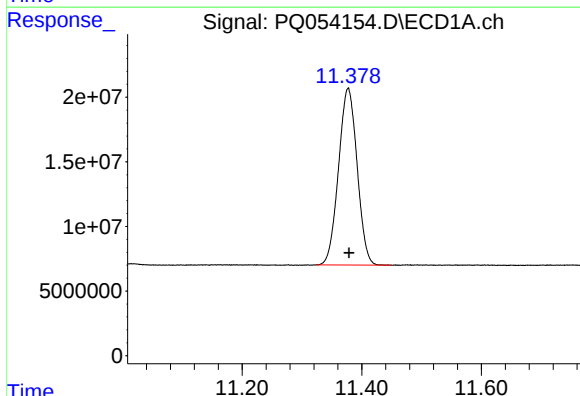
R.T.: 5.204 min
Delta R.T.: 0.000 min
Response: 392666634
Conc: 16.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOQ-SOIL-02-QT3-2021



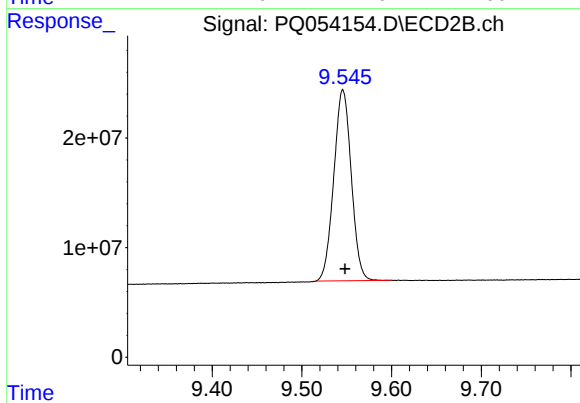
#1 Tetrachloro-m-xylene

R.T.: 4.208 min
Delta R.T.: 0.002 min
Response: 223730360
Conc: 15.83 ng/ml



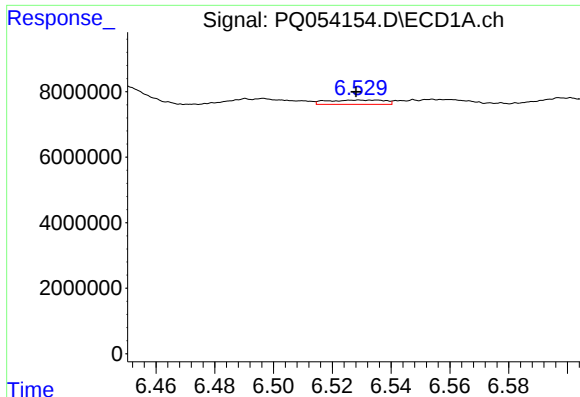
#2 Decachlorobiphenyl

R.T.: 11.377 min
Delta R.T.: -0.002 min
Response: 295276976
Conc: 17.55 ng/ml



#2 Decachlorobiphenyl

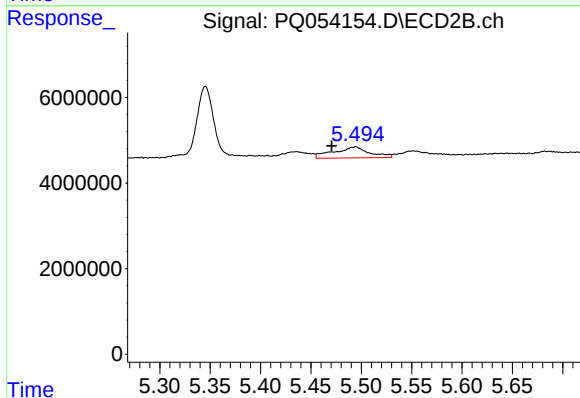
R.T.: 9.546 min
Delta R.T.: -0.002 min
Response: 235853726
Conc: 18.70 ng/ml



#3 AR-1016-1

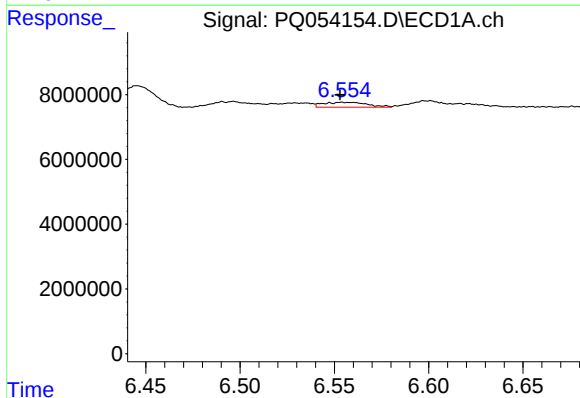
R.T.: 6.529 min
Delta R.T.: 0.000 min
Response: 1789525
Conc: 2.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOQ-SOIL-02-QT3-2021



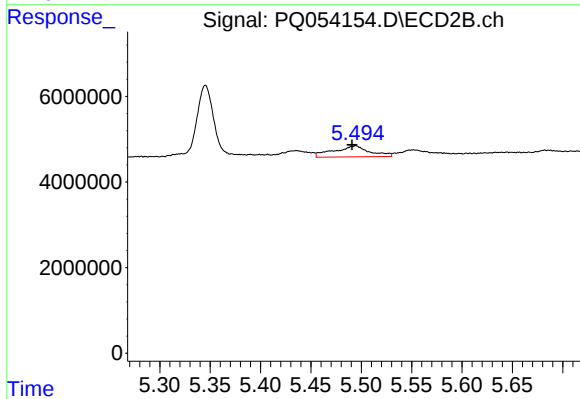
#3 AR-1016-1

R.T.: 5.494 min
Delta R.T.: 0.023 min
Response: 6372899
Conc: 14.08 ng/ml



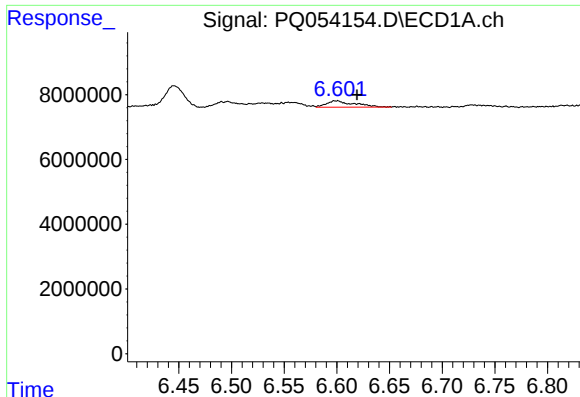
#4 AR-1016-2

R.T.: 6.554 min
Delta R.T.: 0.000 min
Response: 2441180
Conc: 2.17 ng/ml



#4 AR-1016-2

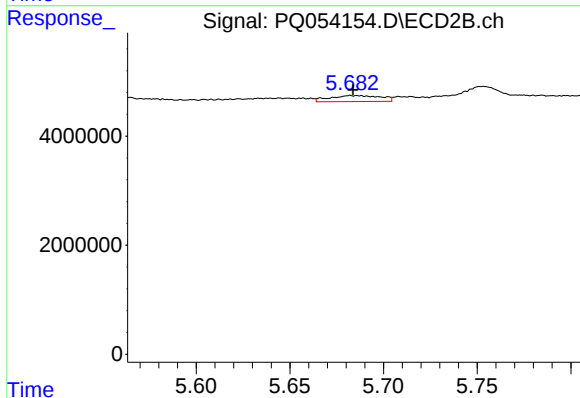
R.T.: 5.494 min
Delta R.T.: 0.003 min
Response: 6372899
Conc: 8.60 ng/ml



#5 AR-1016-3

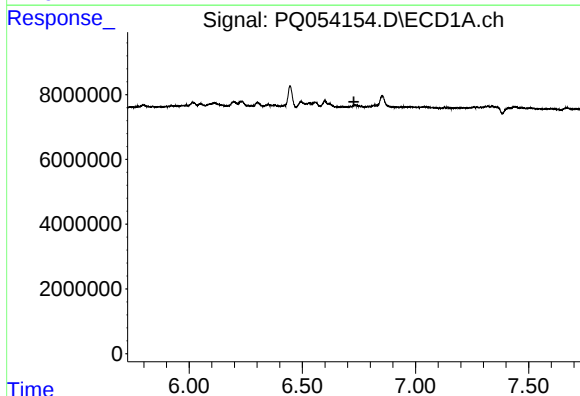
R.T.: 6.599 min
Delta R.T.: -0.020 min
Response: 3604386
Conc: 5.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOQ-SOIL-02-QT3-2021



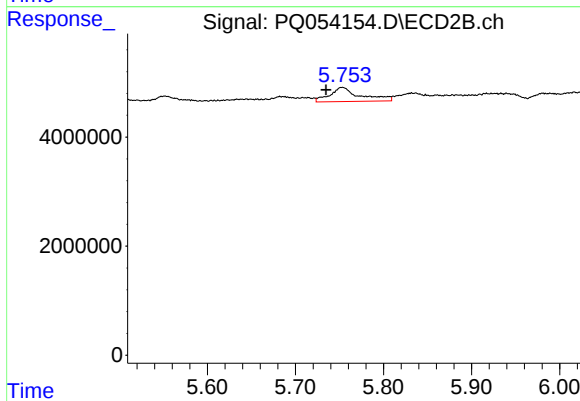
#5 AR-1016-3

R.T.: 5.683 min
Delta R.T.: -0.001 min
Response: 2059824
Conc: 5.71 ng/ml



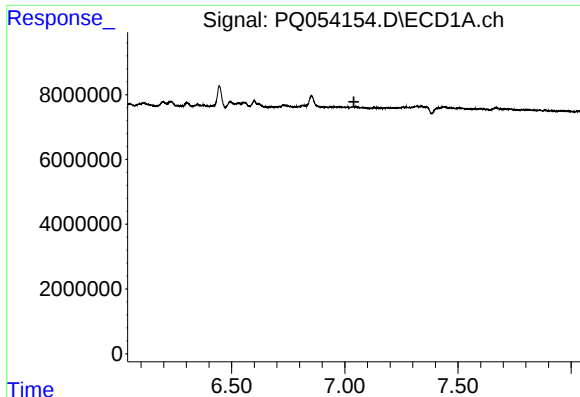
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 6.728 min
Response: 0
Conc: N.D.



#6 AR-1016-4

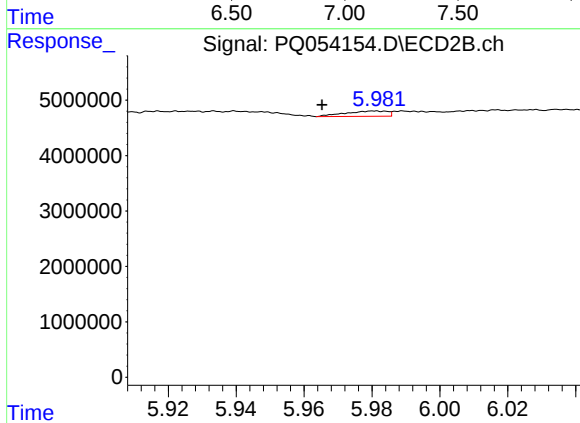
R.T.: 5.753 min
Delta R.T.: 0.018 min
Response: 6251835
Conc: 21.90 ng/ml



#7 AR-1016-5

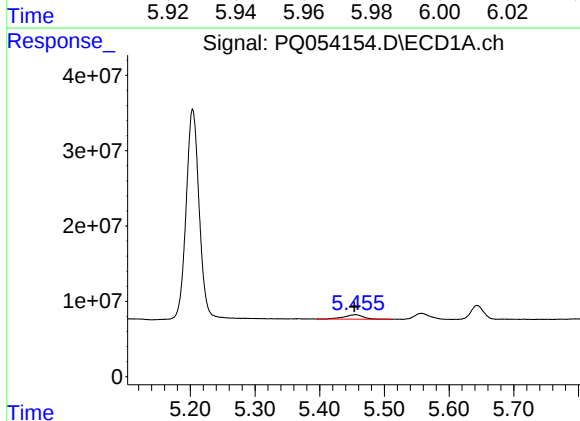
R.T.: 0.000 min
Exp R.T.: 7.040 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
LOQ-SOIL-02-QT3-2021



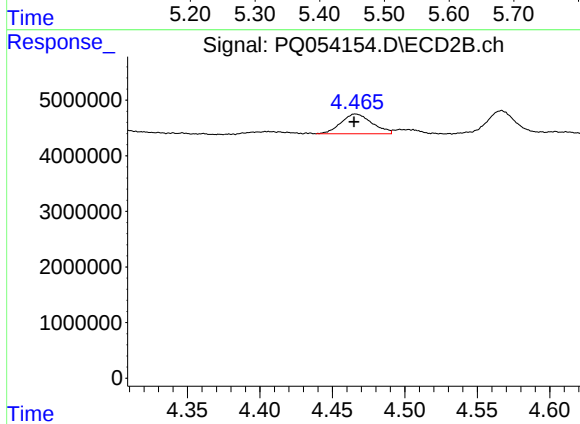
#7 AR-1016-5

R.T.: 5.981 min
Delta R.T.: 0.016 min
Response: 834377
Conc: 2.29 ng/ml



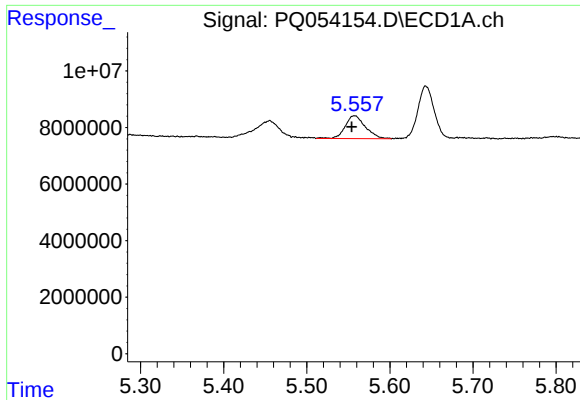
#8 AR-1221-1

R.T.: 5.455 min
Delta R.T.: 0.002 min
Response: 12537094
Conc: 51.82 ng/ml



#8 AR-1221-1

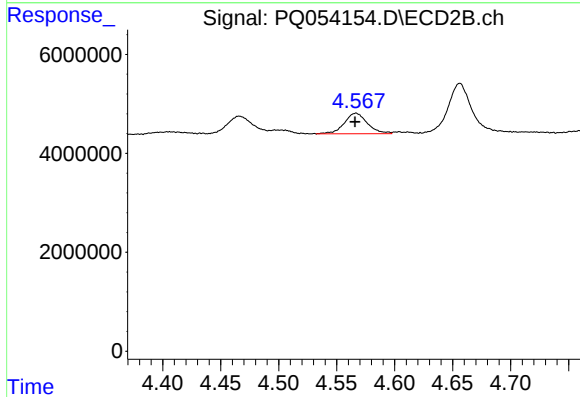
R.T.: 4.466 min
Delta R.T.: 0.001 min
Response: 5306392
Conc: 37.24 ng/ml



#9 AR-1221-2

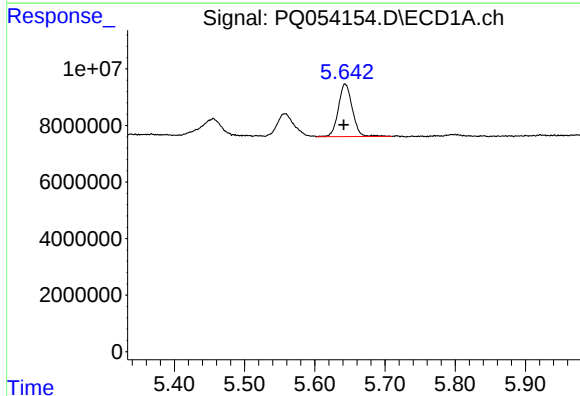
R.T.: 5.558 min
Delta R.T.: 0.004 min
Response: 13832449
Conc: 76.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOQ-SOIL-02-QT3-2021



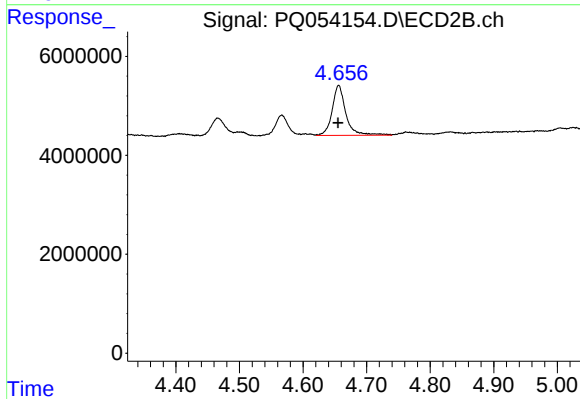
#9 AR-1221-2

R.T.: 4.567 min
Delta R.T.: 0.000 min
Response: 5774540
Conc: 54.74 ng/ml



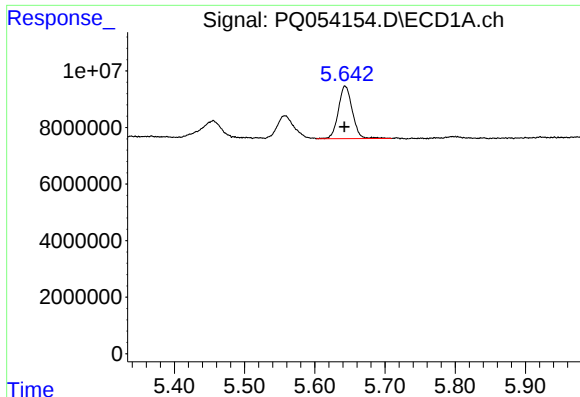
#10 AR-1221-3

R.T.: 5.643 min
Delta R.T.: 0.002 min
Response: 25732703
Conc: 44.97 ng/ml



#10 AR-1221-3

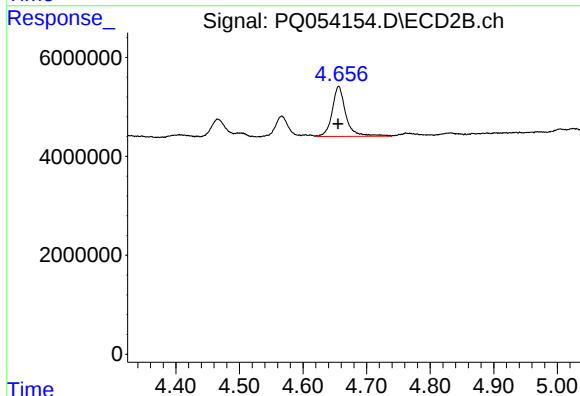
R.T.: 4.656 min
Delta R.T.: 0.000 min
Response: 15117076
Conc: 43.08 ng/ml



#11 AR-1232-1

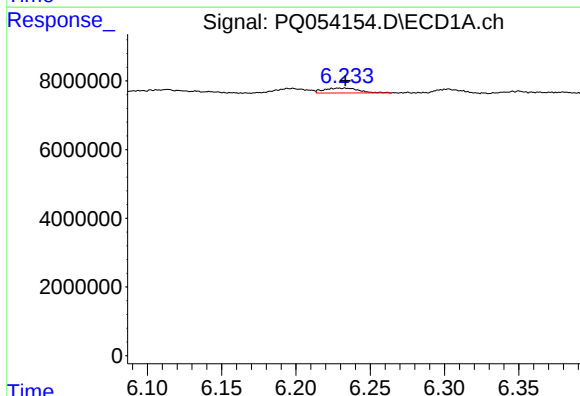
R.T.: 5.643 min
Delta R.T.: 0.001 min
Response: 25732703
Conc: 65.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOQ-SOIL-02-QT3-2021



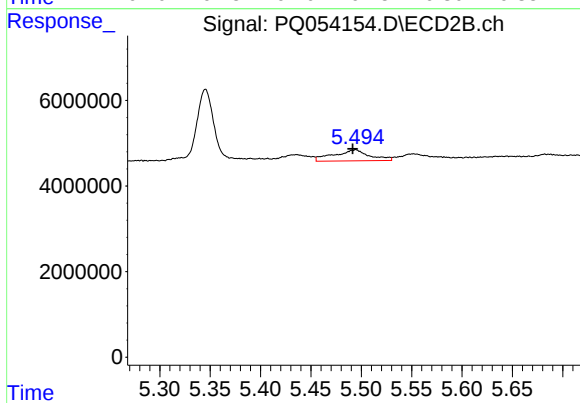
#11 AR-1232-1

R.T.: 4.656 min
Delta R.T.: 0.000 min
Response: 15117076
Conc: 64.77 ng/ml



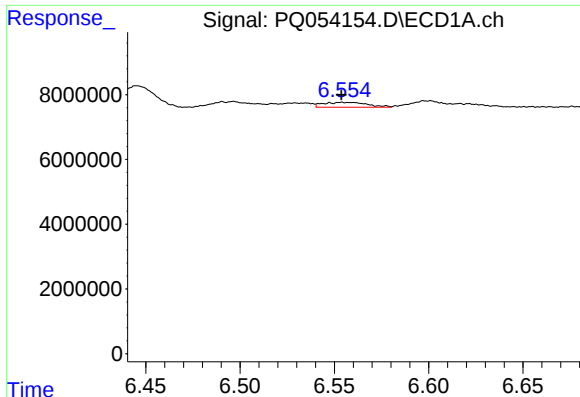
#12 AR-1232-2

R.T.: 6.233 min
Delta R.T.: 0.000 min
Response: 2366770
Conc: 10.19 ng/ml



#12 AR-1232-2

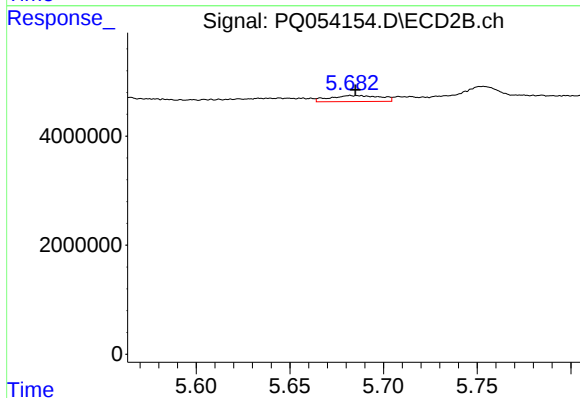
R.T.: 5.494 min
Delta R.T.: 0.003 min
Response: 6372899
Conc: 22.00 ng/ml



#13 AR-1232-3

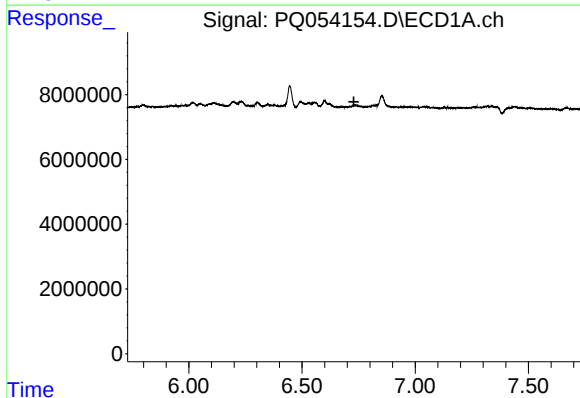
R.T.: 6.554 min
Delta R.T.: 0.000 min
Response: 2441180
Conc: 5.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOQ-SOIL-02-QT3-2021



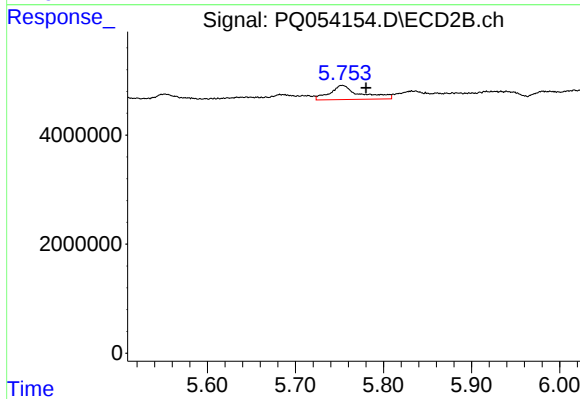
#13 AR-1232-3

R.T.: 5.683 min
Delta R.T.: -0.002 min
Response: 2059824
Conc: 15.53 ng/ml



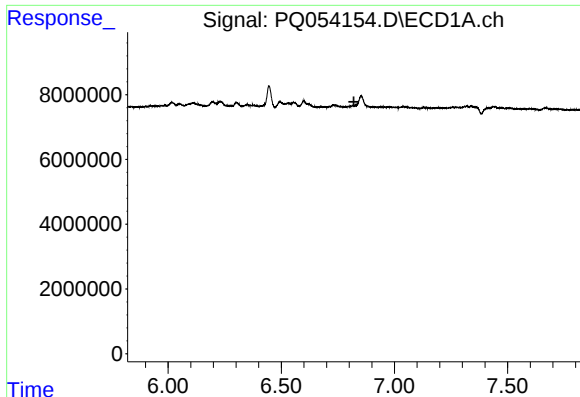
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 6.729 min
Response: 0
Conc: N.D.



#14 AR-1232-4

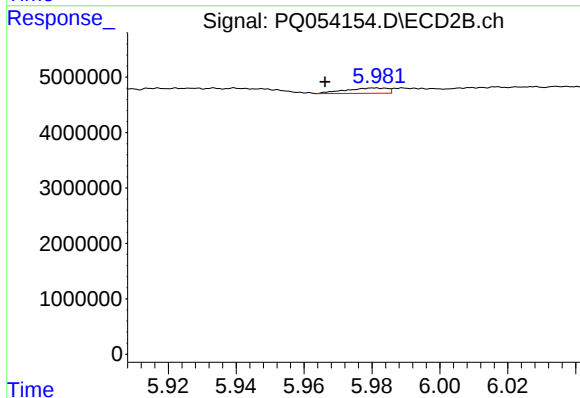
R.T.: 5.753 min
Delta R.T.: -0.027 min
Response: 6251835
Conc: 54.79 ng/ml



#15 AR-1232-5

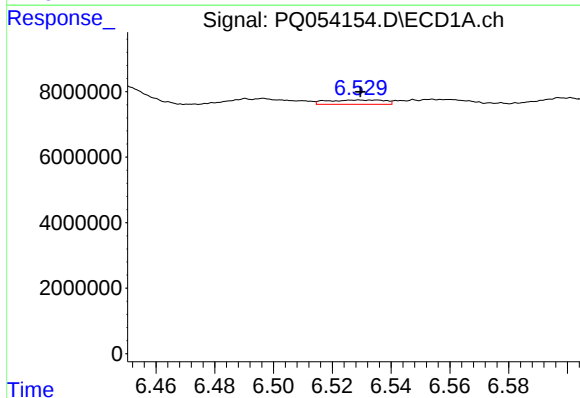
R.T.: 0.000 min
Exp R.T.: 6.821 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
LOQ-SOIL-02-QT3-2021



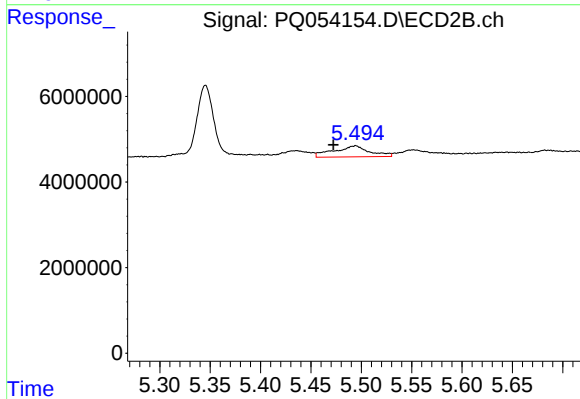
#15 AR-1232-5

R.T.: 5.981 min
Delta R.T.: 0.015 min
Response: 834377
Conc: 6.49 ng/ml



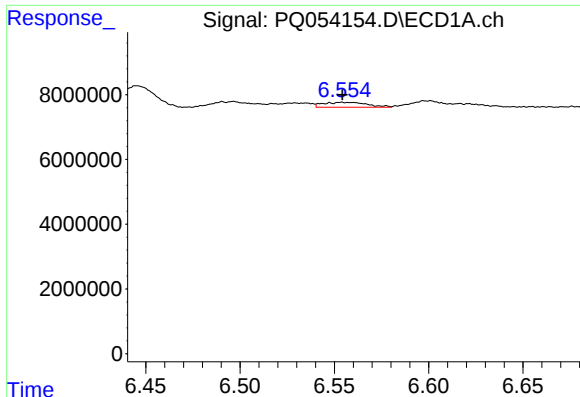
#16 AR-1242-1

R.T.: 6.529 min
Delta R.T.: 0.000 min
Response: 1789525
Conc: 3.90 ng/ml



#16 AR-1242-1

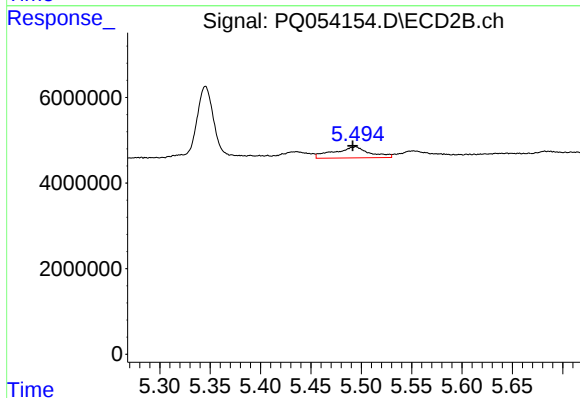
R.T.: 5.494 min
Delta R.T.: 0.022 min
Response: 6372899
Conc: 23.44 ng/ml



#17 AR-1242-2

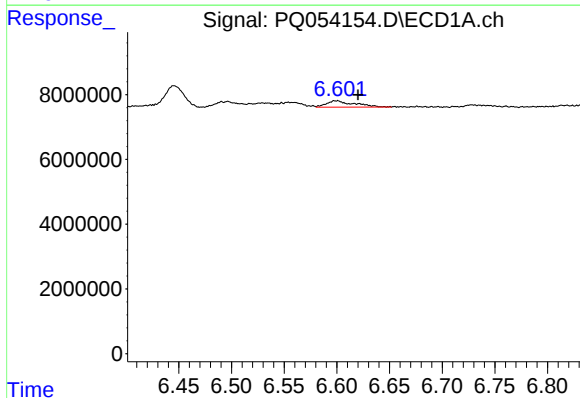
R.T.: 6.554 min
Delta R.T.: 0.000 min
Response: 2441180
Conc: 3.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOQ-SOIL-02-QT3-2021



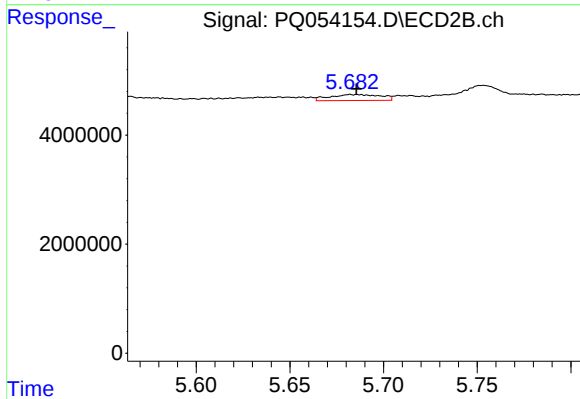
#17 AR-1242-2

R.T.: 5.494 min
Delta R.T.: 0.002 min
Response: 6372899
Conc: 13.54 ng/ml



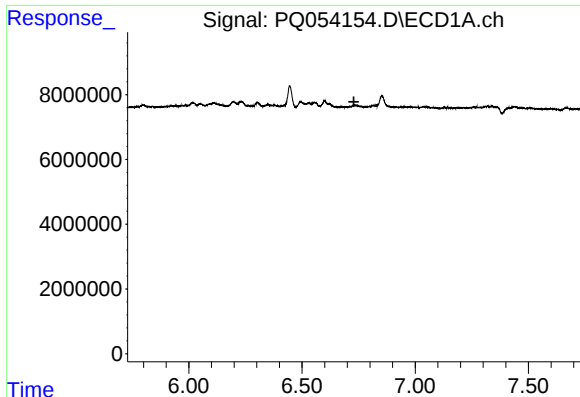
#18 AR-1242-3

R.T.: 6.599 min
Delta R.T.: -0.021 min
Response: 3604386
Conc: 8.28 ng/ml



#18 AR-1242-3

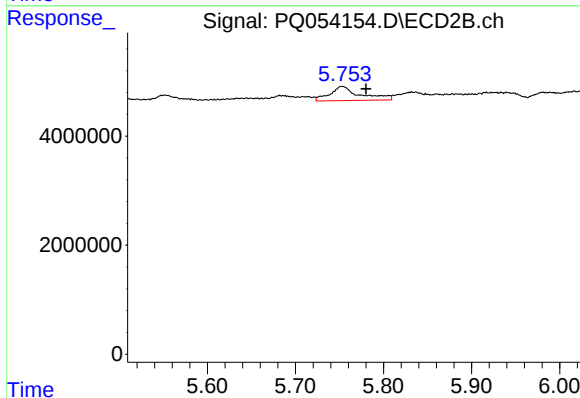
R.T.: 5.683 min
Delta R.T.: -0.003 min
Response: 2059824
Conc: 9.34 ng/ml



#19 AR-1242-4

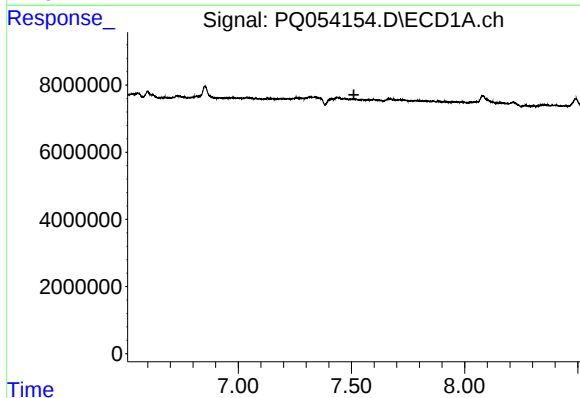
R.T.: 0.000 min
Exp R.T.: 6.729 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
LOQ-SOIL-02-QT3-2021



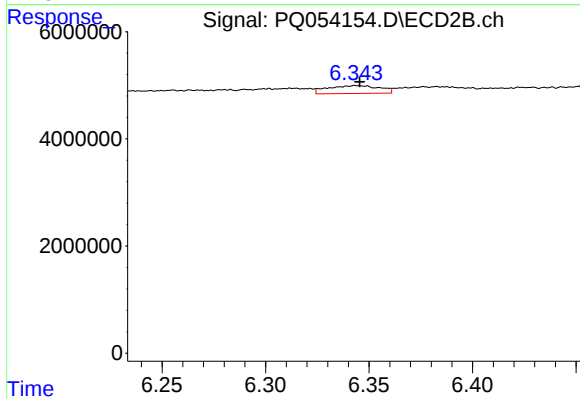
#19 AR-1242-4

R.T.: 5.753 min
Delta R.T.: -0.027 min
Response: 6251835
Conc: 28.90 ng/ml



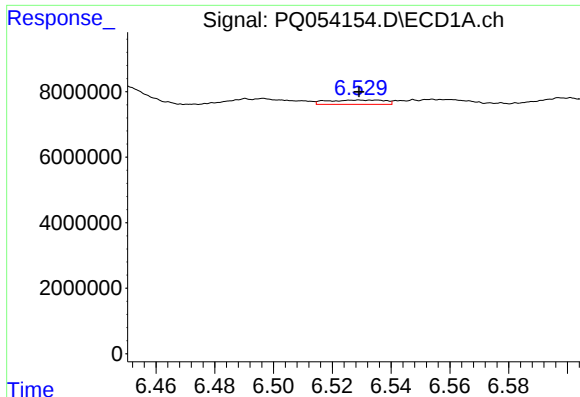
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T.: 7.511 min
Response: 0
Conc: N.D.



#20 AR-1242-5

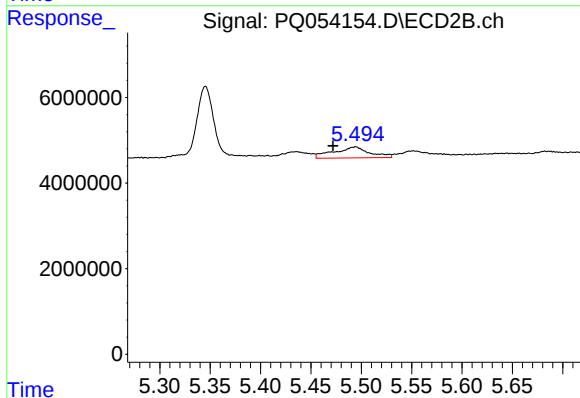
R.T.: 6.344 min
Delta R.T.: -0.002 min
Response: 2537443
Conc: 8.55 ng/ml



#21 AR-1248-1

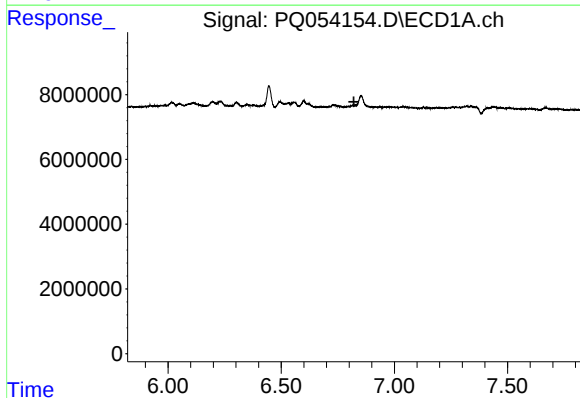
R.T.: 6.529 min
Delta R.T.: 0.000 min
Response: 1789525
Conc: 4.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOQ-SOIL-02-QT3-2021



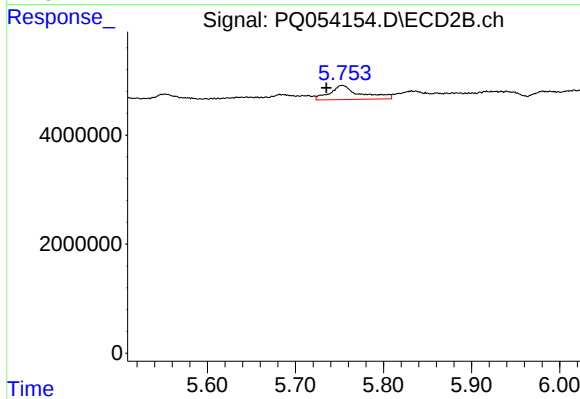
#21 AR-1248-1

R.T.: 5.494 min
Delta R.T.: 0.022 min
Response: 6372899
Conc: 28.25 ng/ml



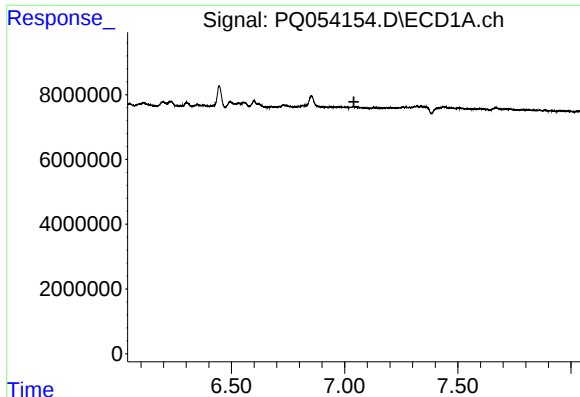
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T. : 6.821 min
Response: 0
Conc: N.D.



#22 AR-1248-2

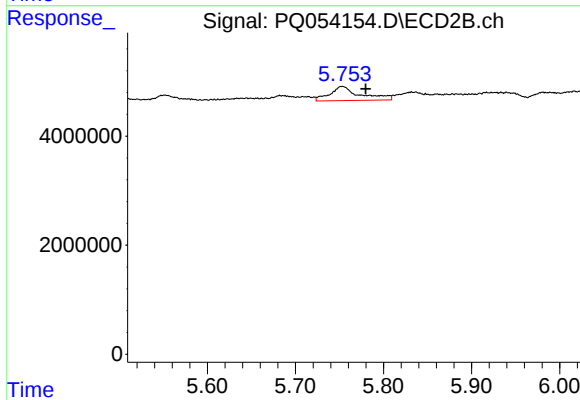
R.T.: 5.753 min
Delta R.T.: 0.018 min
Response: 6251835
Conc: 19.05 ng/ml



#23 AR-1248-3

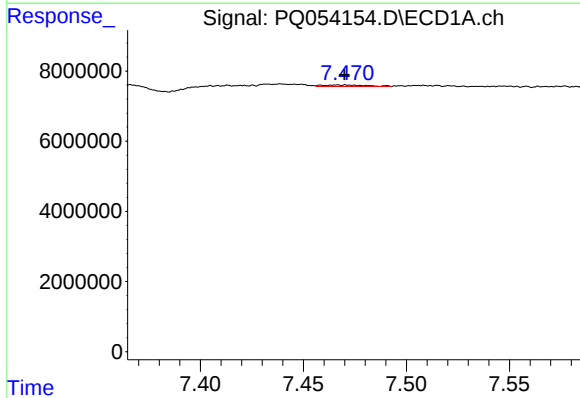
R.T.: 0.000 min
Exp R.T.: 7.041 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
LOQ-SOIL-02-QT3-2021



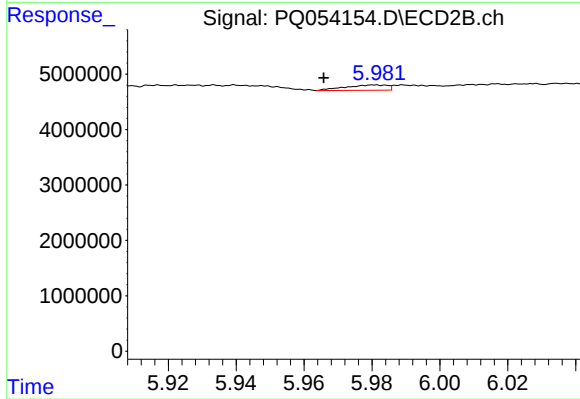
#23 AR-1248-3

R.T.: 5.753 min
Delta R.T.: -0.027 min
Response: 6251835
Conc: 18.91 ng/ml



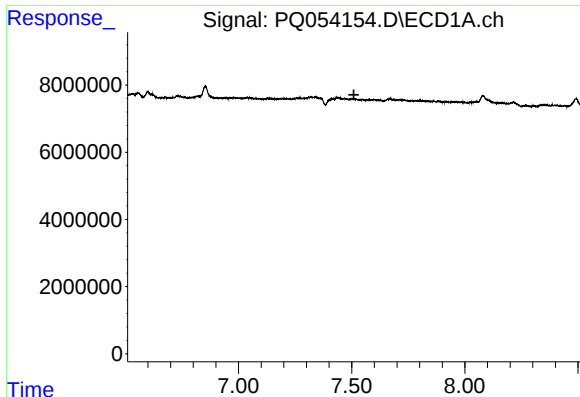
#24 AR-1248-4

R.T.: 7.470 min
Delta R.T.: 0.000 min
Response: 603639
Conc: 0.91 ng/ml



#24 AR-1248-4

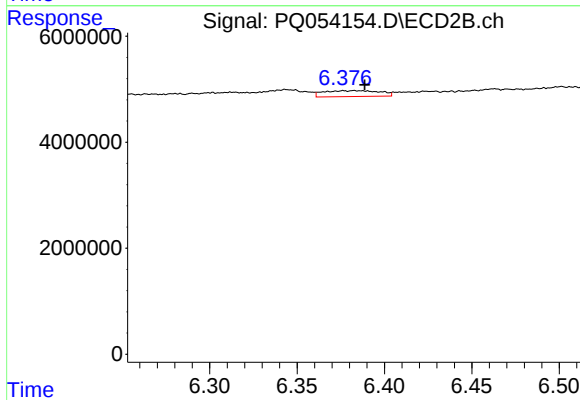
R.T.: 5.981 min
Delta R.T.: 0.015 min
Response: 834377
Conc: 2.10 ng/ml



#25 AR-1248-5

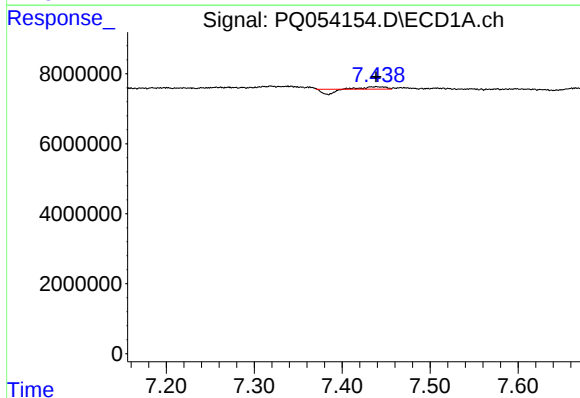
R.T.: 0.000 min
Exp R.T.: 7.510 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
LOQ-SOIL-02-QT3-2021



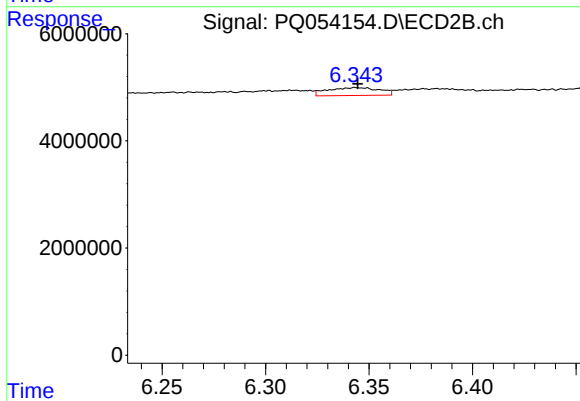
#25 AR-1248-5

R.T.: 6.383 min
Delta R.T.: -0.006 min
Response: 2480004
Conc: 6.22 ng/ml



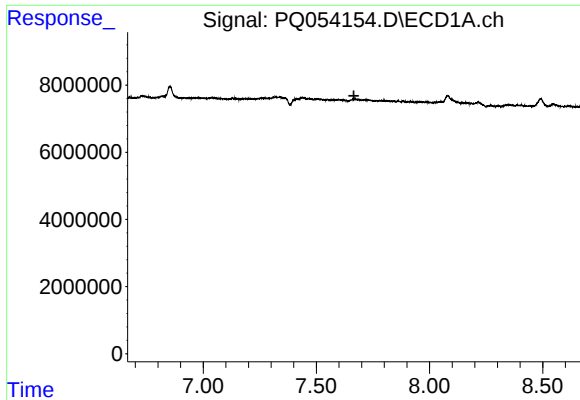
#26 AR-1254-1

R.T.: 7.439 min
Delta R.T.: 0.000 min
Response: 154310
Conc: 0.22 ng/ml



#26 AR-1254-1

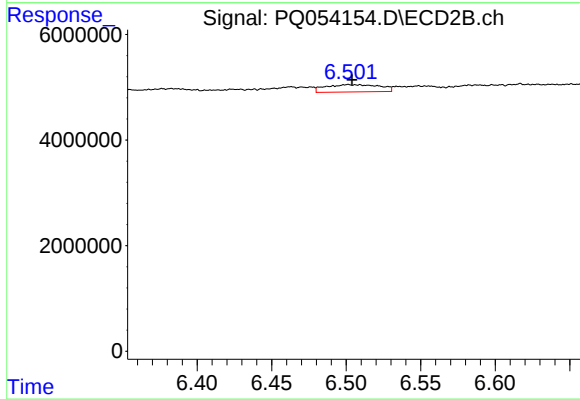
R.T.: 6.344 min
Delta R.T.: 0.000 min
Response: 2537443
Conc: 3.79 ng/ml



#27 AR-1254-2

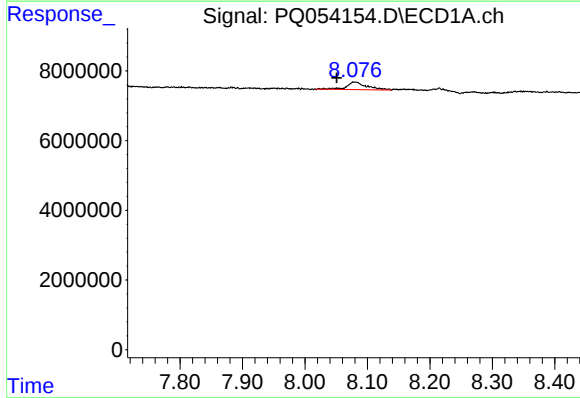
R.T.: 0.000 min
Exp R.T.: 7.666 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
LOQ-SOIL-02-QT3-2021



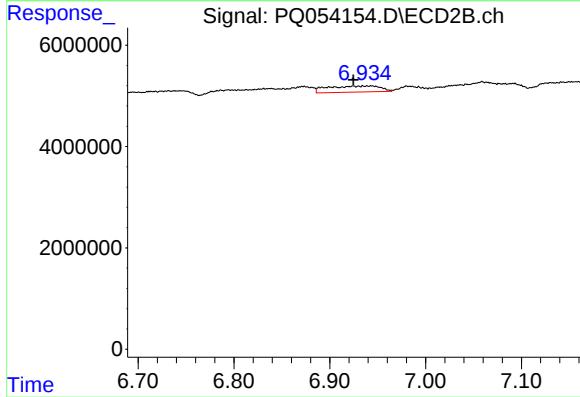
#27 AR-1254-2

R.T.: 6.501 min
Delta R.T.: -0.003 min
Response: 3512121
Conc: 5.71 ng/ml



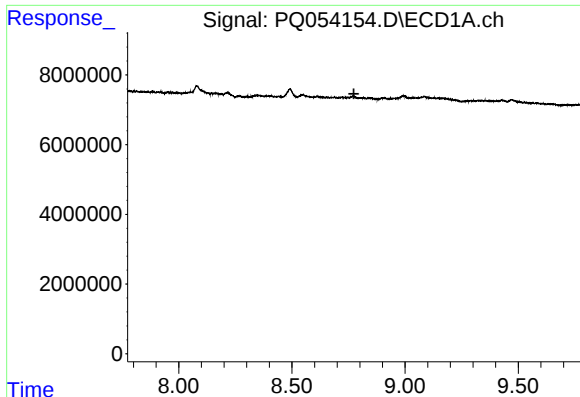
#28 AR-1254-3

R.T.: 8.078 min
Delta R.T.: 0.028 min
Response: 4916707
Conc: 4.18 ng/ml



#28 AR-1254-3

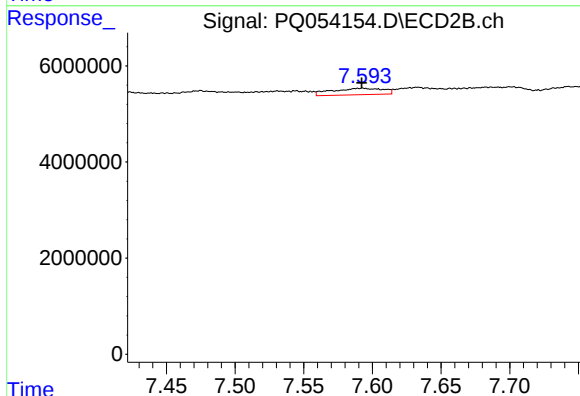
R.T.: 6.935 min
Delta R.T.: 0.010 min
Response: 4670766
Conc: 4.84 ng/ml



#30 AR-1254-5

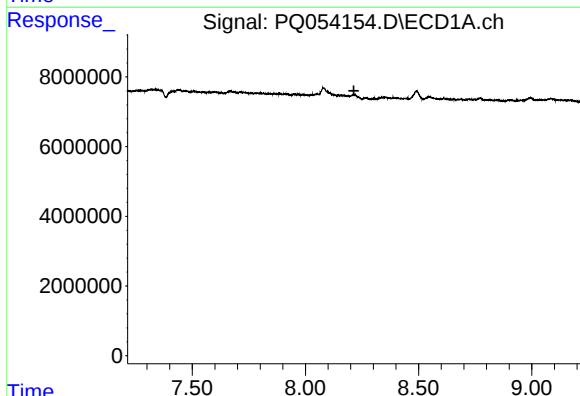
R.T.: 0.000 min
Exp R.T.: 8.774 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
LOQ-SOIL-02-QT3-2021



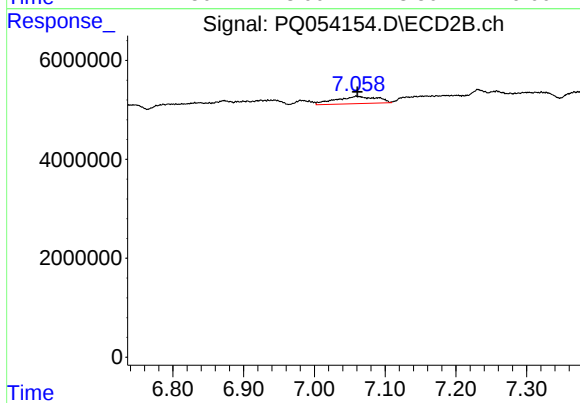
#30 AR-1254-5

R.T.: 7.592 min
Delta R.T.: 0.000 min
Response: 3534469
Conc: 3.62 ng/ml



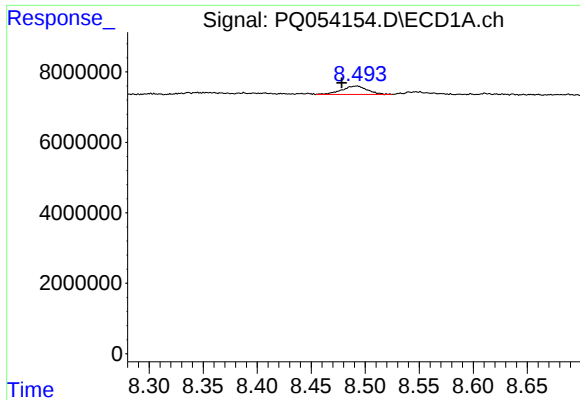
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T.: 8.214 min
Response: 0
Conc: N.D.



#31 AR-1260-1

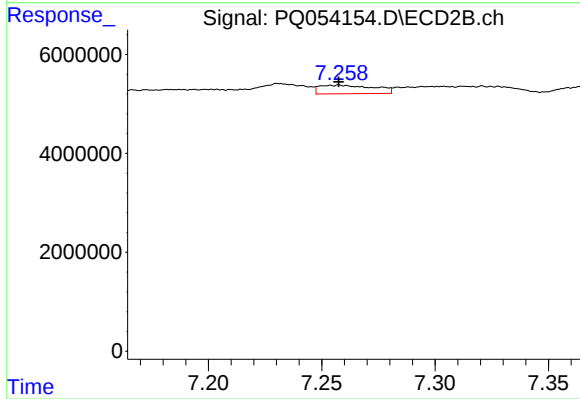
R.T.: 7.060 min
Delta R.T.: 0.000 min
Response: 5911750
Conc: 7.89 ng/ml



#32 AR-1260-2

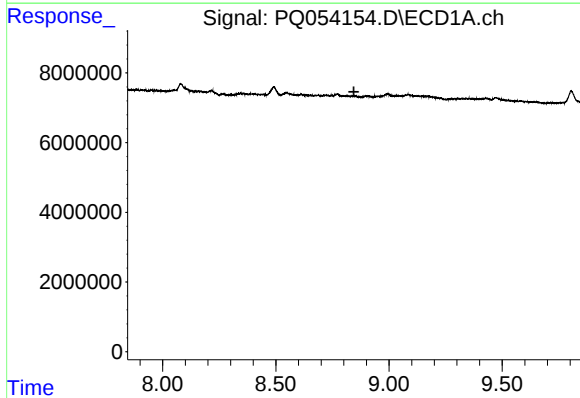
R.T.: 8.492 min
Delta R.T.: 0.014 min
Response: 4007089
Conc: 3.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOQ-SOIL-02-QT3-2021



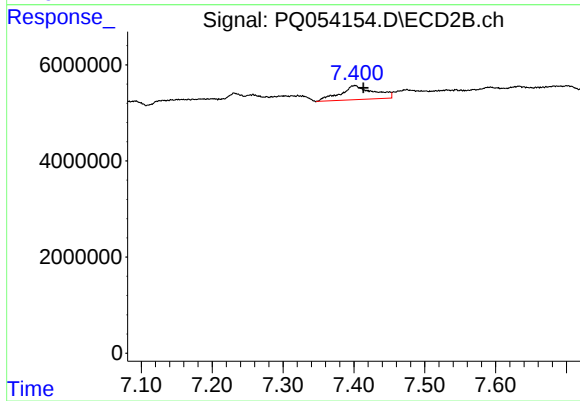
#32 AR-1260-2

R.T.: 7.257 min
Delta R.T.: 0.000 min
Response: 2889847
Conc: 2.77 ng/ml



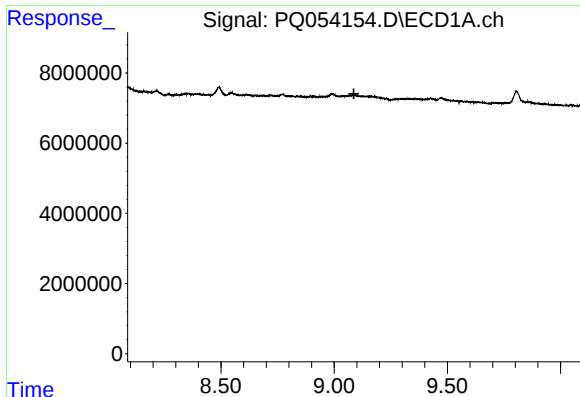
#33 AR-1260-3

R.T.: 0.000 min
Exp R.T. : 8.845 min
Response: 0
Conc: N.D.



#33 AR-1260-3

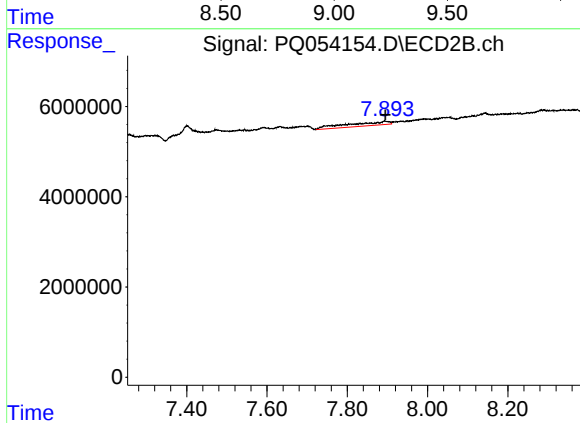
R.T.: 7.401 min
Delta R.T.: -0.012 min
Response: 9503657
Conc: 10.92 ng/ml



#34 AR-1260-4

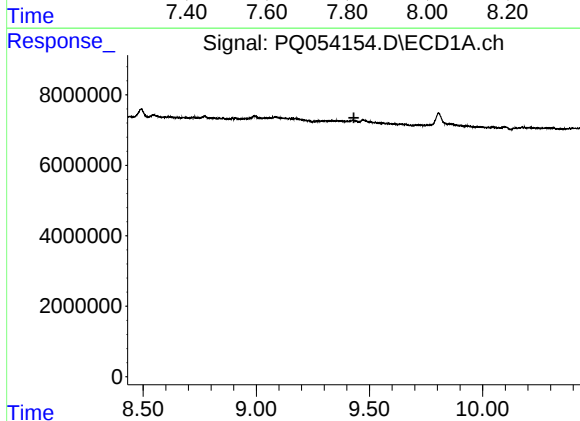
R.T.: 0.000 min
Exp R.T.: 9.087 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
LOQ-SOIL-02-QT3-2021



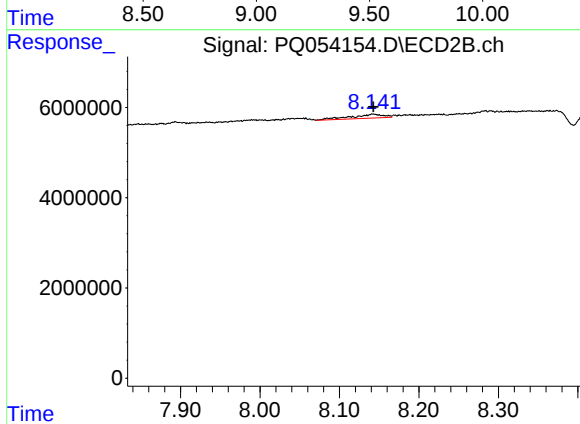
#34 AR-1260-4

R.T.: 7.894 min
Delta R.T.: -0.002 min
Response: 6416578
Conc: 10.31 ng/ml



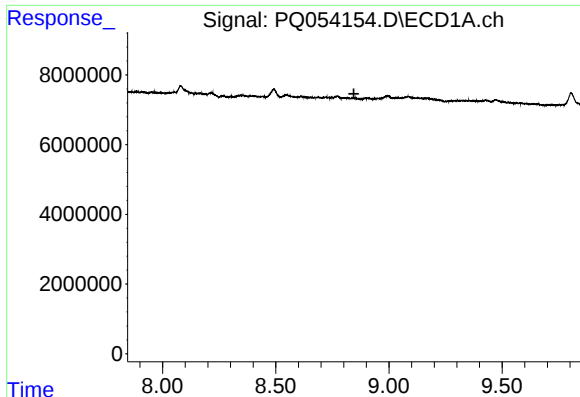
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T.: 9.431 min
Response: 0
Conc: N.D.



#35 AR-1260-5

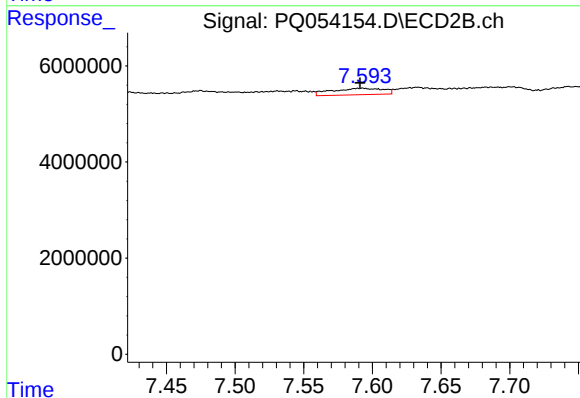
R.T.: 8.143 min
Delta R.T.: 0.000 min
Response: 2515476
Conc: 1.47 ng/ml



#36 AR-1262-1

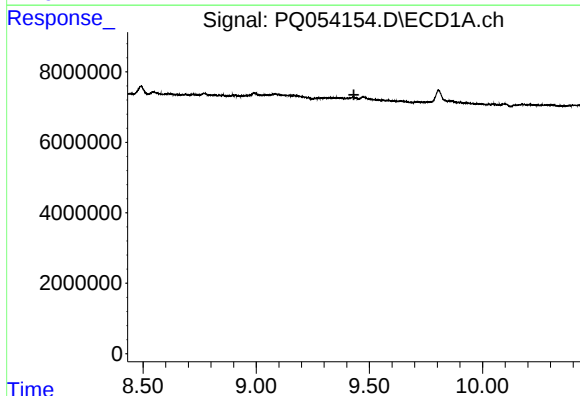
R.T.: 0.000 min
Exp R.T.: 8.845 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
LOQ-SOIL-02-QT3-2021



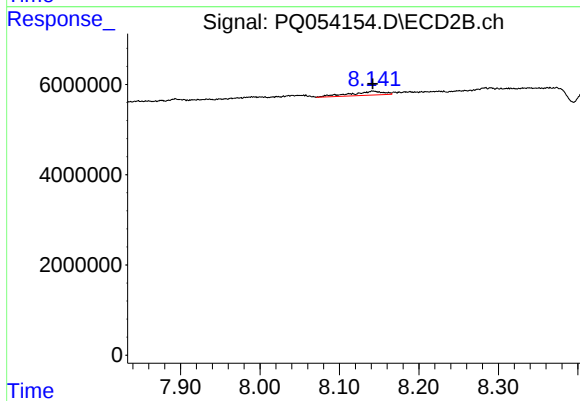
#36 AR-1262-1

R.T.: 7.592 min
Delta R.T.: 0.001 min
Response: 3534469
Conc: 7.82 ng/ml



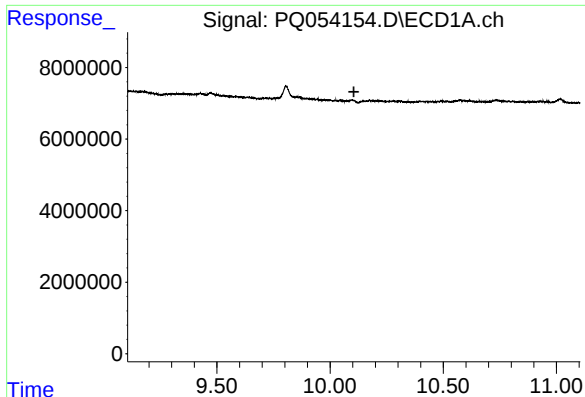
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T.: 9.432 min
Response: 0
Conc: N.D.



#37 AR-1262-2

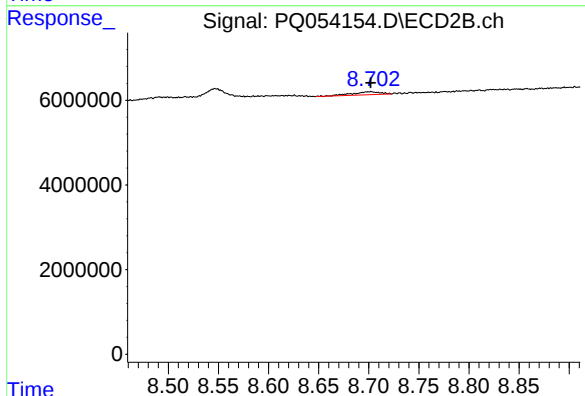
R.T.: 8.143 min
Delta R.T.: 0.000 min
Response: 2515476
Conc: 1.34 ng/ml



#43 AR-1268-3

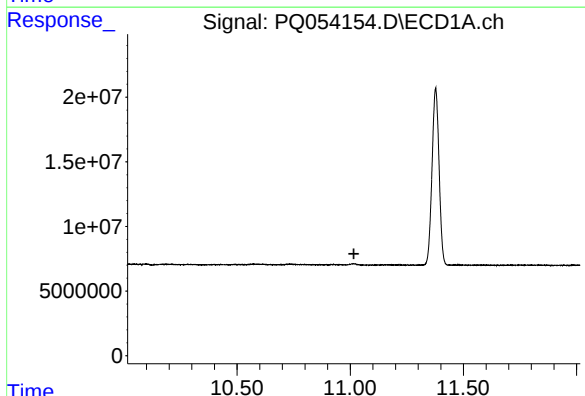
R.T.: 0.000 min
Exp R.T.: 10.105 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
LOQ-SOIL-02-QT3-2021



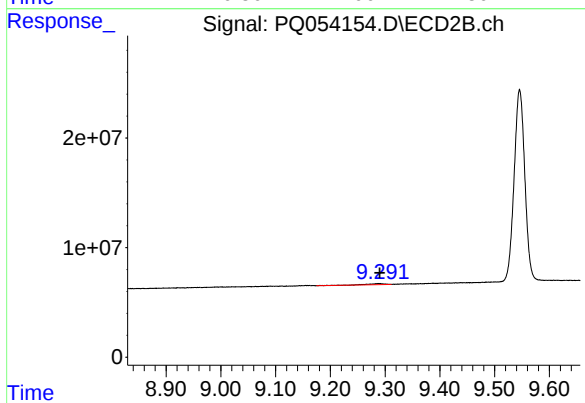
#43 AR-1268-3

R.T.: 8.702 min
Delta R.T.: 0.000 min
Response: 1370021
Conc: 0.82 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 11.016 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.289 min
Delta R.T.: -0.001 min
Response: 2160322
Conc: 0.46 ng/ml