

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ073021\
 Data File : PQ054205.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Jul 2021 13:32
 Operator : AJ\MA
 Sample : M2940-02
 Misc : AR1268 LOQ 50 PPB
 ALS Vial : 30 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: Aug 02 02:09:34 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	4.207	426.9E6	238.2E6	18.281	16.848
2)	SA Decachlor...	11.380	9.546	372.2E6	299.3E6	22.123	23.730
Target Compounds							
3)	L1 AR-1016-1	6.503f	5.494f	5320340	5691457	7.258	12.572 #
4)	L1 AR-1016-2	0.000	5.494	0	5691457	N.D.	7.678 #
5)	L1 AR-1016-3	0.000	5.686	0	5743374	N.D.	15.931 #
6)	L1 AR-1016-4	0.000	5.755f	0	6494034	N.D.	22.753 #
8)	L2 AR-1221-1	5.428f	0.000	2180148	0	9.011	N.D. #
9)	L2 AR-1221-2	5.562	4.564	7923961	2781419	43.744	26.366 #
10)	L2 AR-1221-3	0.000	4.639f	0	2231560	N.D.	6.359 #
11)	L3 AR-1232-1	0.000	4.639f	0	2231560	N.D.	9.561 #
12)	L3 AR-1232-2	0.000	5.494	0	5691457	N.D.	19.651 #
13)	L3 AR-1232-3	0.000	5.686	0	5743374	N.D.	43.289 #
14)	L3 AR-1232-4	0.000	5.781	0	5088562	N.D.	44.594 #
16)	L4 AR-1242-1	6.503f	5.494f	5320340	5691457	11.586	20.932 #
17)	L4 AR-1242-2	0.000	5.494	0	5691457	N.D.	12.092 #
18)	L4 AR-1242-3	0.000	5.686	0	5743374	N.D.	26.033 #
19)	L4 AR-1242-4	0.000	5.781	0	5088562	N.D.	23.521 #
20)	L4 AR-1242-5	7.512	6.346	679849	4191490	1.847	14.129 #
21)	L5 AR-1248-1	6.503f	5.494f	5320340	5691457	14.342	25.226 #
22)	L5 AR-1248-2	0.000	5.755f	0	6494034	N.D.	19.787 #
23)	L5 AR-1248-3	0.000	5.781	0	5088562	N.D.	15.388 #
25)	L5 AR-1248-5	7.512	6.378	679849	13479035	1.044	33.820 #
26)	L6 AR-1254-1	7.457f	6.346	-359830	4191490	N.D.	6.268 #
27)	L6 AR-1254-2	0.000	6.499	0	12984714	N.D.	21.118 #
28)	L6 AR-1254-3	0.000	6.919	0	4305917	N.D.	4.459 #
29)	L6 AR-1254-4	8.346	7.188f	338676	4167693	0.384	6.254 #
31)	L7 AR-1260-1	0.000	7.041f	0	7340452	N.D.	9.793 #
32)	L7 AR-1260-2	0.000	7.230f	0	4927820	N.D.	4.718 #
33)	L7 AR-1260-3	8.845	7.417	21420435	1539886	30.282	1.769 #
34)	L7 AR-1260-4	9.104f	7.893	31951262	30122158	36.118	48.378 #
35)	L7 AR-1260-5	9.431	8.141	12550037	11223051	7.455	6.550
36)	L8 AR-1262-1	8.845	0.000	21420435	0	21.656	N.D. #
37)	L8 AR-1262-2	9.431	8.141	12550037	11223051	6.953	5.960
38)	L8 AR-1262-3	9.763	8.428	116.9E6	118.4E6	95.382	154.263 #
39)	L8 AR-1262-4	9.864	8.494	107.2E6	100.5E6	118.387	80.361 #
40)	L8 AR-1262-5	10.575	8.994	45898144	35921386	69.247	62.241
41)	L9 AR-1268-1	9.763	8.428	116.9E6	118.4E6	55.410	52.504
42)	L9 AR-1268-2	9.864	8.494	107.2E6	100.5E6	55.565	53.786
43)	L9 AR-1268-3	10.105	8.701	89890921	87057869	55.836	52.079
44)	L9 AR-1268-4	10.575	8.994	45898144	35921386	62.750	55.083
45)	L9 AR-1268-5	11.018	9.290	293.8E6	257.0E6	53.879	54.540

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Data File : PQ054205.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Jul 2021 13:32
Operator : AJ\MA
Sample : M2940-02
Misc : AR1268 LOQ 50 PPB
ALS Vial : 30 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: Aug 02 02:09:34 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
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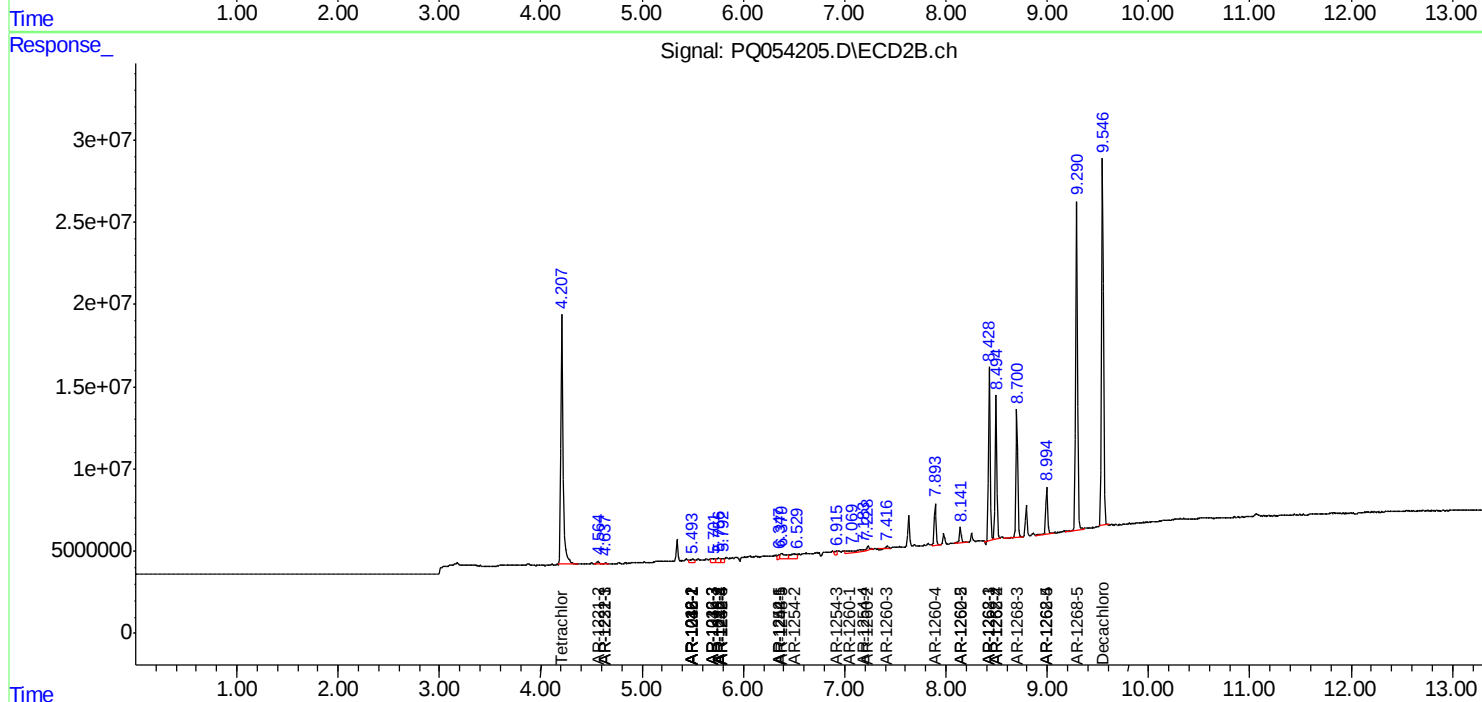
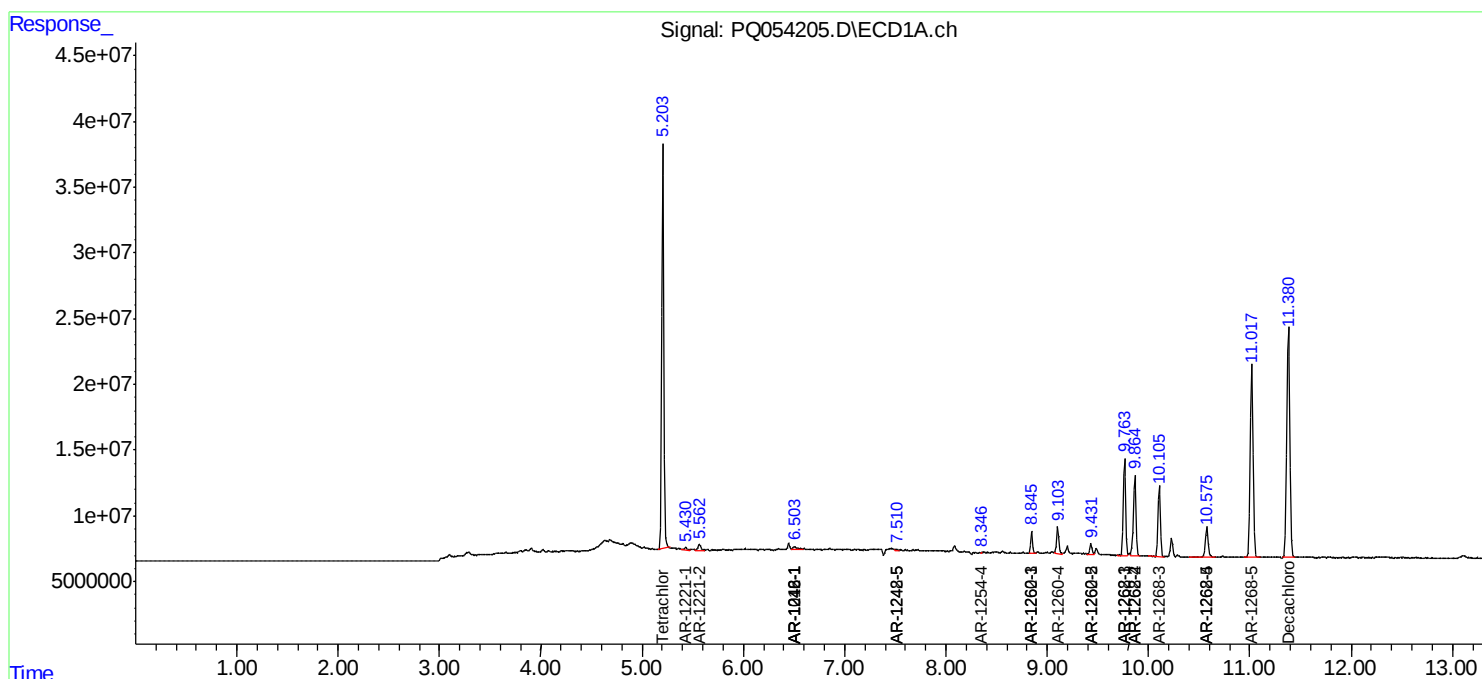
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

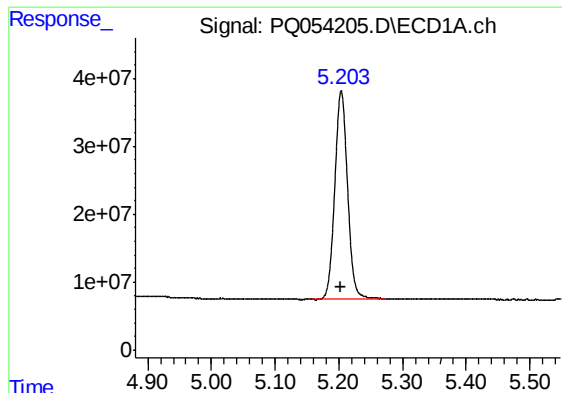
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ073021\
Data File : PQ054205.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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Operator : AJ\MA
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Misc : AR1268 LOQ 50 PPB
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ClientSampleId :
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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

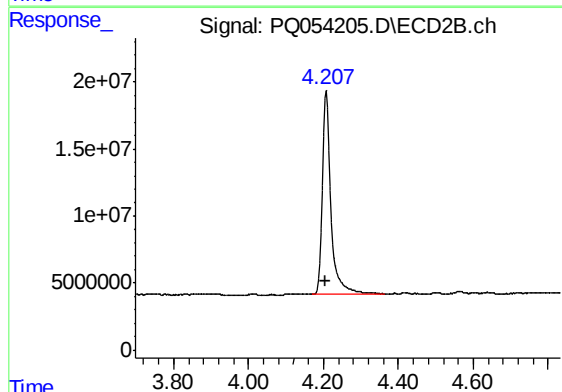




#1 Tetrachloro-m-xylene

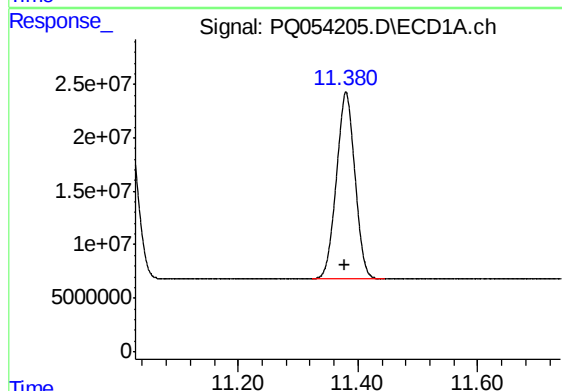
R.T.: 5.204 min
Delta R.T.: 0.000 min
Response: 426914653
Conc: 18.28 ng/ml

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



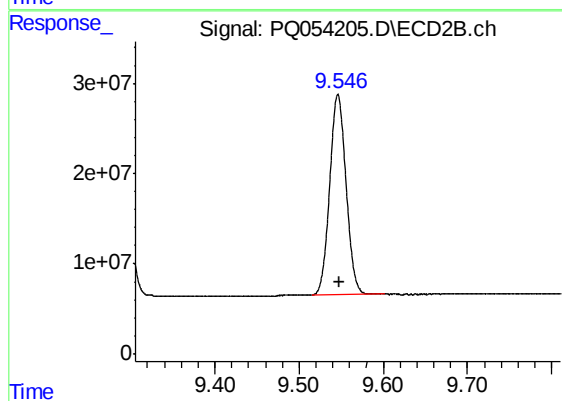
#1 Tetrachloro-m-xylene

R.T.: 4.207 min
Delta R.T.: 0.000 min
Response: 238185389
Conc: 16.85 ng/ml



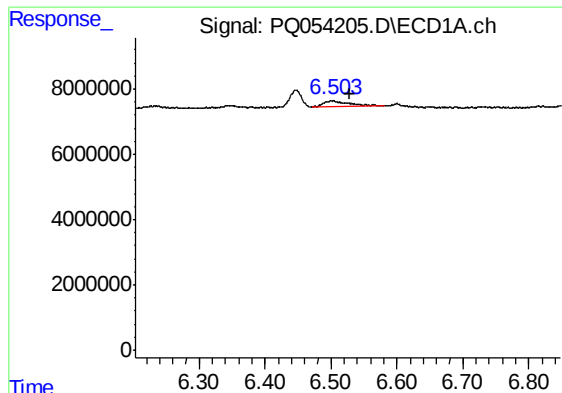
#2 Decachlorobiphenyl

R.T.: 11.380 min
Delta R.T.: 0.001 min
Response: 372239012
Conc: 22.12 ng/ml



#2 Decachlorobiphenyl

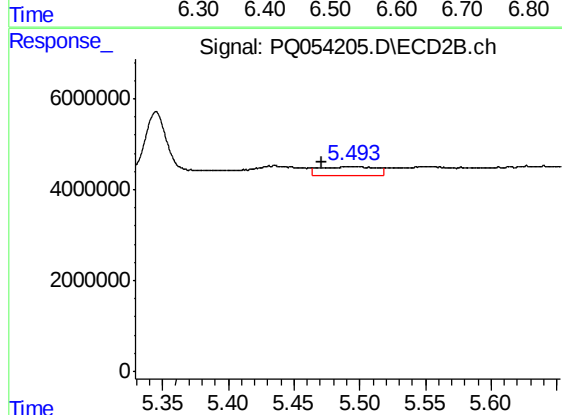
R.T.: 9.546 min
Delta R.T.: -0.002 min
Response: 299335742
Conc: 23.73 ng/ml



#3 AR-1016-1

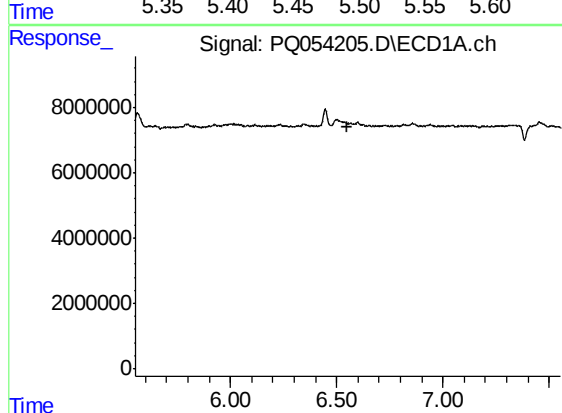
R.T.: 6.503 min
Delta R.T.: -0.025 min
Response: 5320340
Conc: 7.26 ng/ml

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



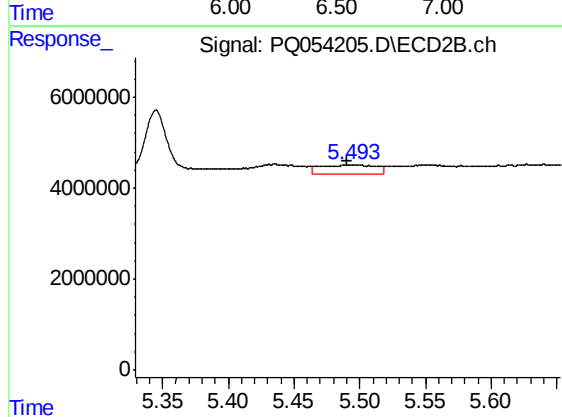
#3 AR-1016-1

R.T.: 5.494 min
Delta R.T.: 0.023 min
Response: 5691457
Conc: 12.57 ng/ml



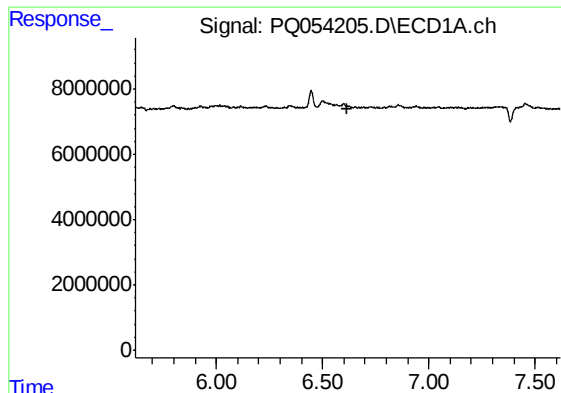
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T. : 6.553 min
Response: 0
Conc: N.D.



#4 AR-1016-2

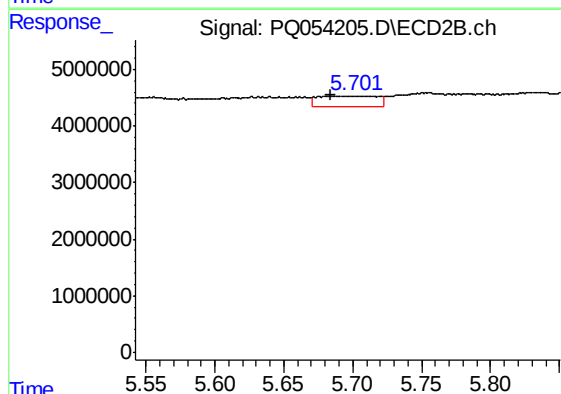
R.T.: 5.494 min
Delta R.T.: 0.003 min
Response: 5691457
Conc: 7.68 ng/ml



#5 AR-1016-3

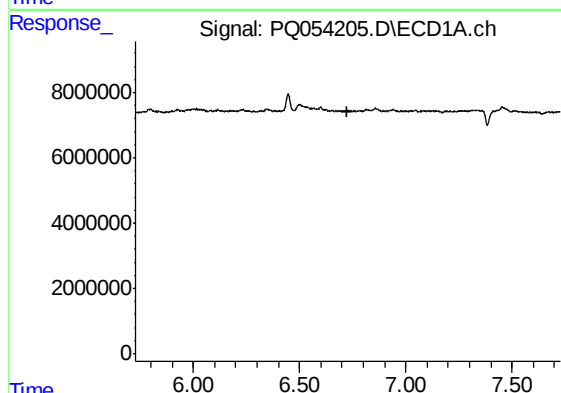
R.T.: 0.000 min
Exp R.T. : 6.619 min
Response: 0
Conc: N.D.

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



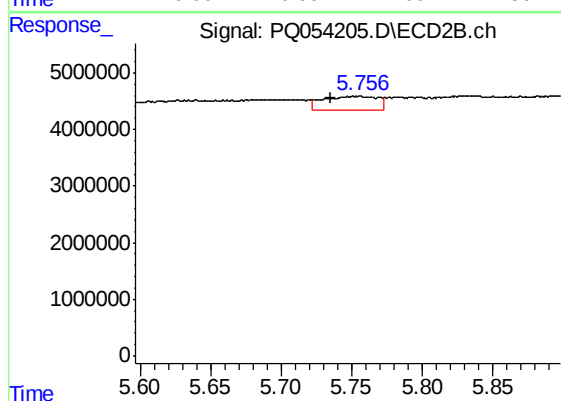
#5 AR-1016-3

R.T.: 5.686 min
Delta R.T.: 0.002 min
Response: 5743374
Conc: 15.93 ng/ml



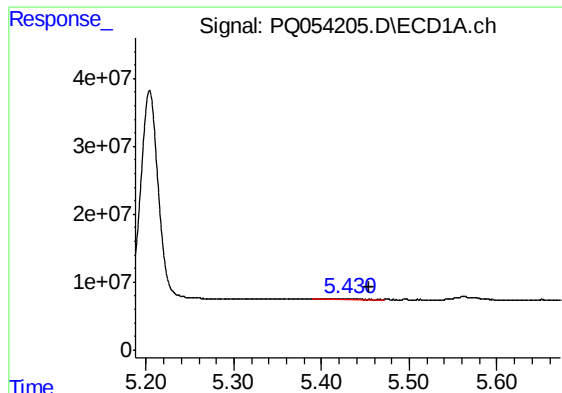
#6 AR-1016-4

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



#6 AR-1016-4

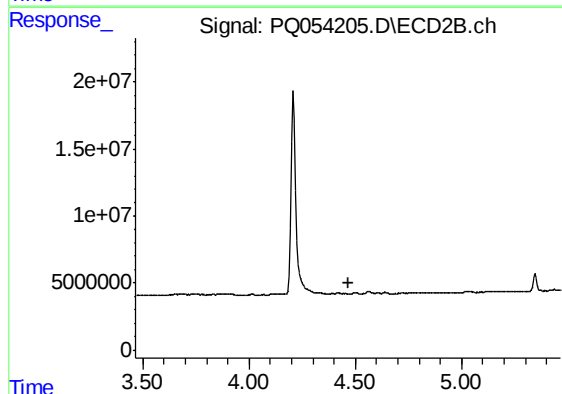
R.T.: 5.755 min
Delta R.T.: 0.020 min
Response: 6494034
Conc: 22.75 ng/ml



#8 AR-1221-1

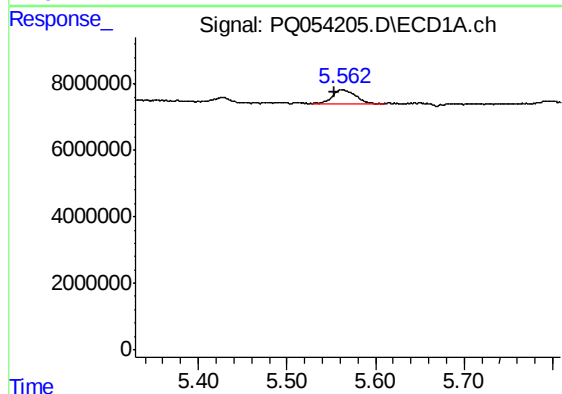
R.T.: 5.428 min
Delta R.T.: -0.026 min
Response: 2180148
Conc: 9.01 ng/ml

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



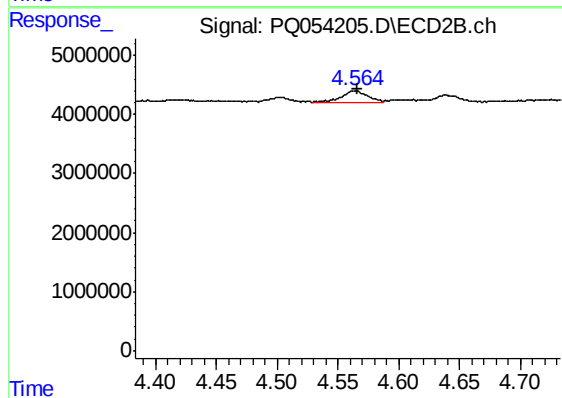
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.465 min
Response: 0
Conc: N.D.



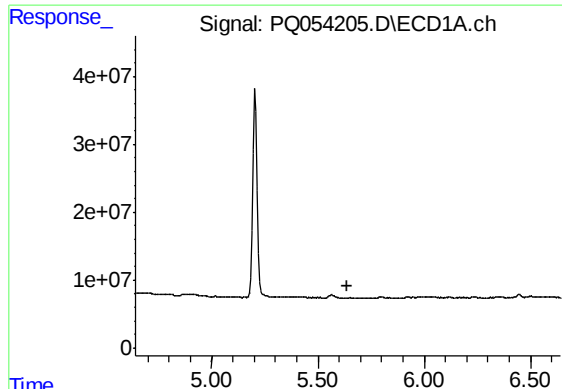
#9 AR-1221-2

R.T.: 5.562 min
Delta R.T.: 0.008 min
Response: 7923961
Conc: 43.74 ng/ml



#9 AR-1221-2

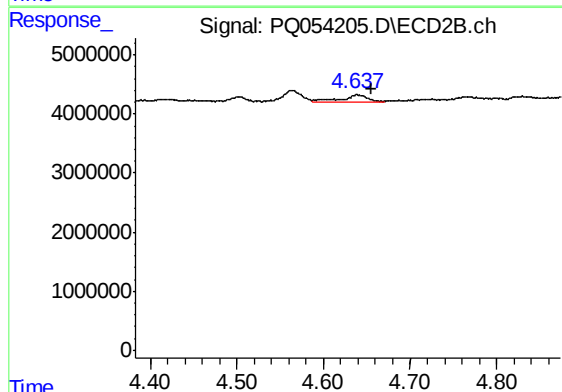
R.T.: 4.564 min
Delta R.T.: -0.002 min
Response: 2781419
Conc: 26.37 ng/ml



#10 AR-1221-3

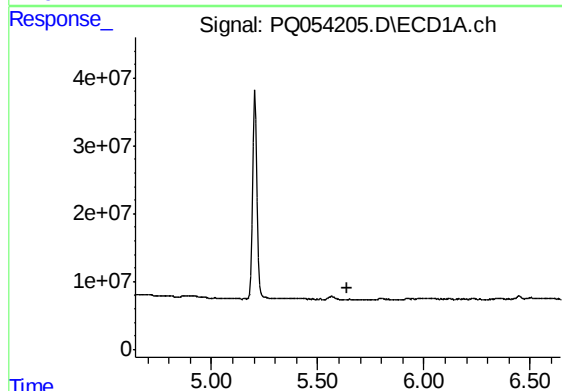
R.T.: 0.000 min
Exp R.T. : 5.641 min
Response: 0
Conc: N.D.

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



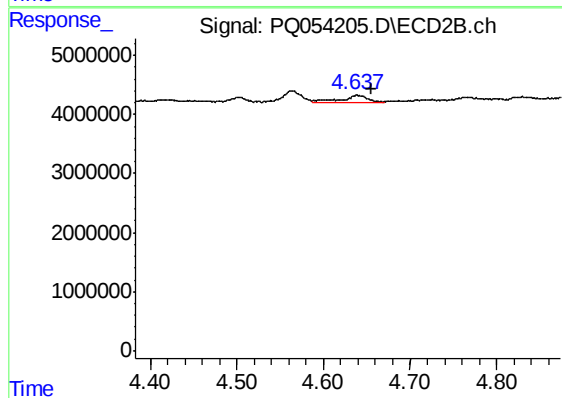
#10 AR-1221-3

R.T.: 4.639 min
Delta R.T.: -0.016 min
Response: 2231560
Conc: 6.36 ng/ml



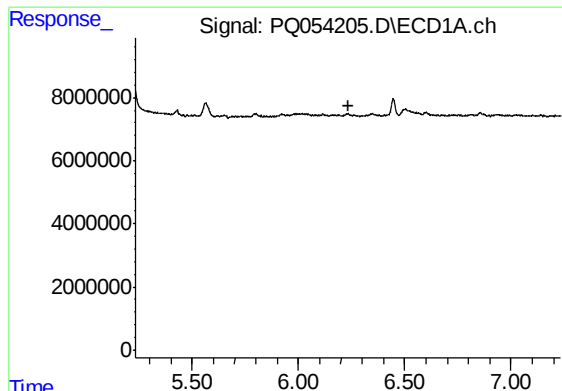
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 5.642 min
Response: 0
Conc: N.D.



#11 AR-1232-1

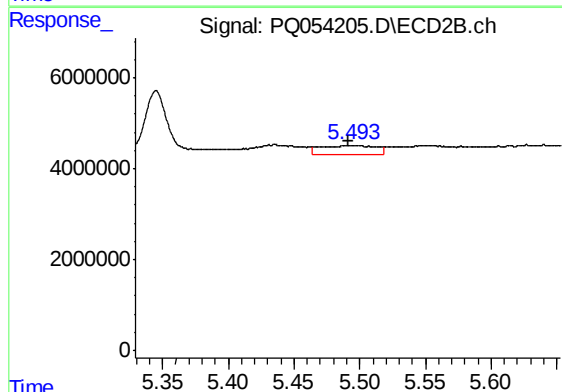
R.T.: 4.639 min
Delta R.T.: -0.016 min
Response: 2231560
Conc: 9.56 ng/ml



#12 AR-1232-2

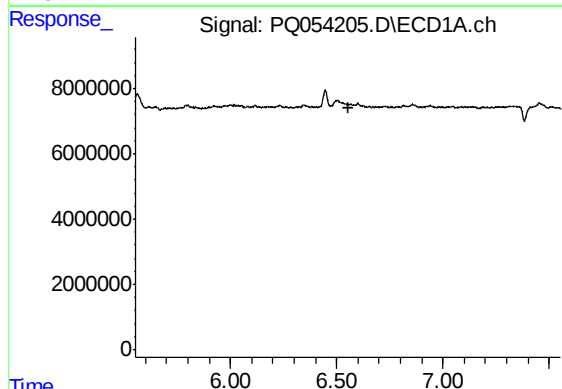
R.T.: 0.000 min
Exp R.T. : 6.233 min
Response: 0
Conc: N.D.

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



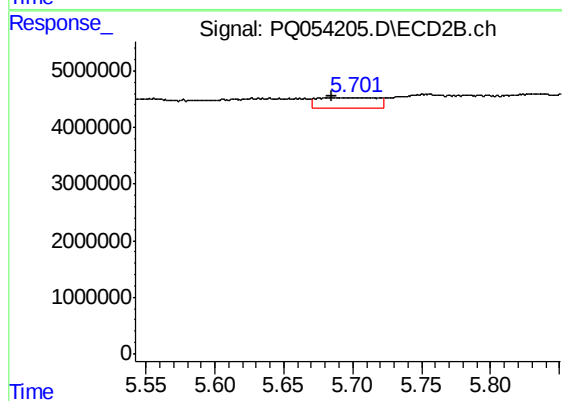
#12 AR-1232-2

R.T.: 5.494 min
Delta R.T.: 0.002 min
Response: 5691457
Conc: 19.65 ng/ml



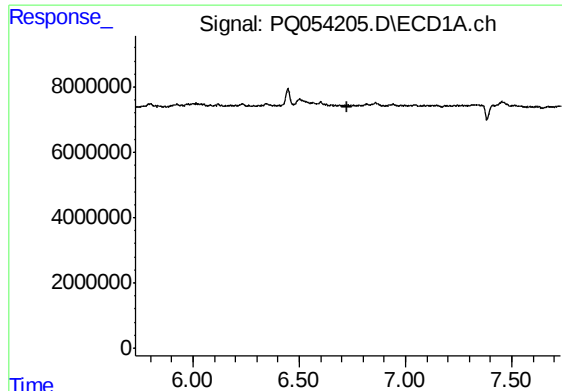
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 6.554 min
Response: 0
Conc: N.D.



#13 AR-1232-3

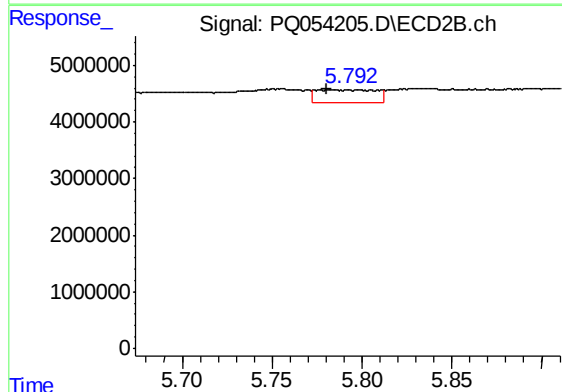
R.T.: 5.686 min
Delta R.T.: 0.000 min
Response: 5743374
Conc: 43.29 ng/ml



#14 AR-1232-4

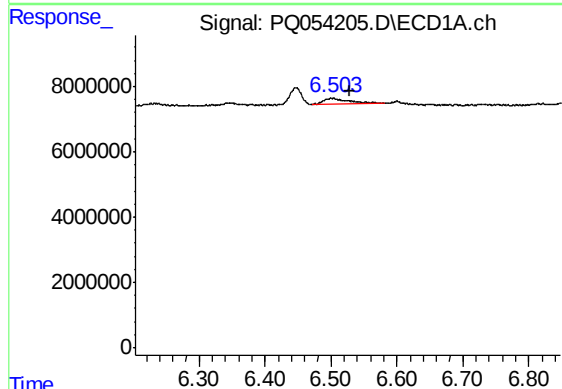
R.T.: 0.000 min
Exp R.T.: 6.729 min
Response: 0
Conc: N.D.

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



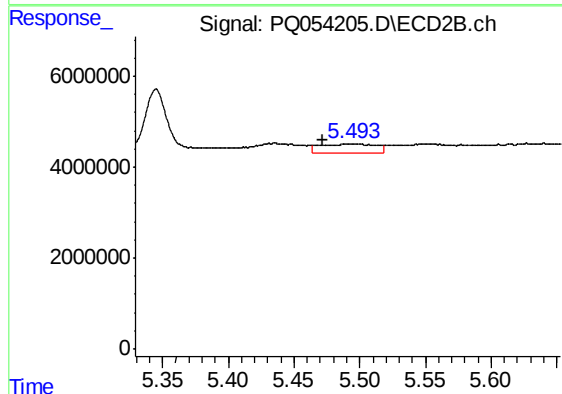
#14 AR-1232-4

R.T.: 5.781 min
Delta R.T.: 0.001 min
Response: 5088562
Conc: 44.59 ng/ml



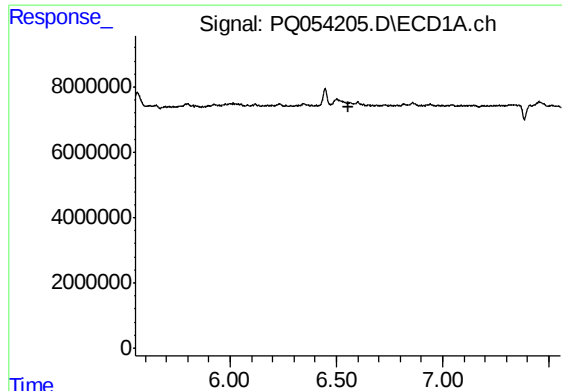
#16 AR-1242-1

R.T.: 6.503 min
Delta R.T.: -0.026 min
Response: 5320340
Conc: 11.59 ng/ml



#16 AR-1242-1

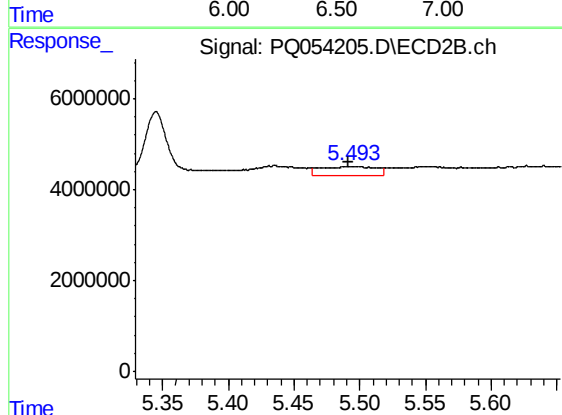
R.T.: 5.494 min
Delta R.T.: 0.021 min
Response: 5691457
Conc: 20.93 ng/ml



#17 AR-1242-2

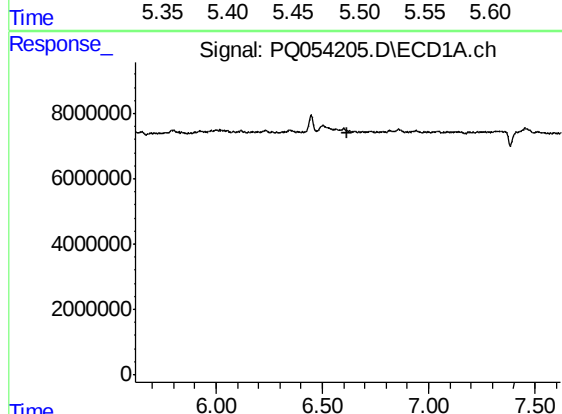
R.T.: 0.000 min
Exp R.T. : 6.554 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
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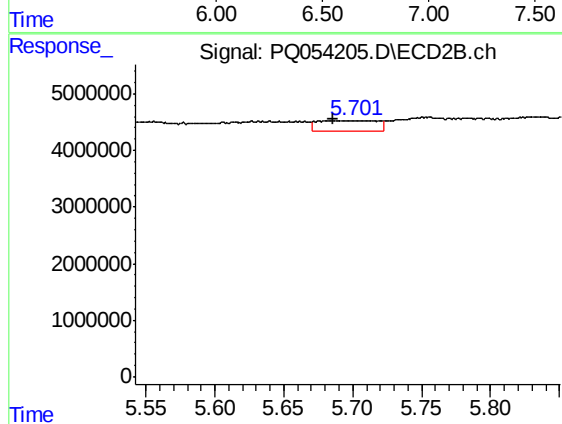
#17 AR-1242-2

R.T.: 5.494 min
Delta R.T.: 0.002 min
Response: 5691457
Conc: 12.09 ng/ml



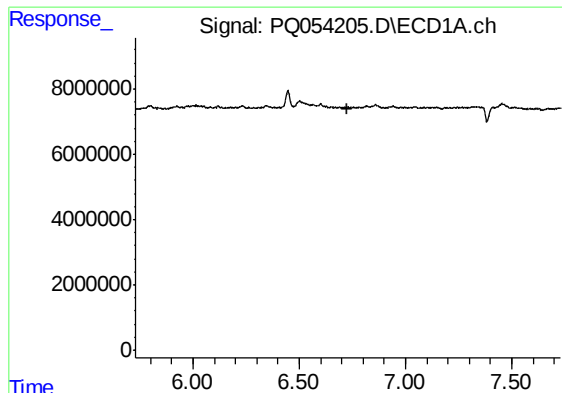
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 6.620 min
Response: 0
Conc: N.D.



#18 AR-1242-3

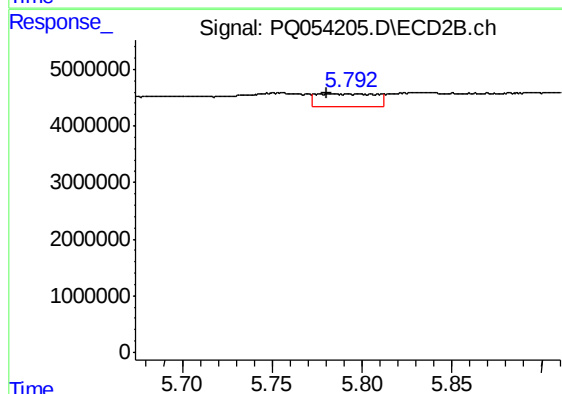
R.T.: 5.686 min
Delta R.T.: 0.000 min
Response: 5743374
Conc: 26.03 ng/ml



#19 AR-1242-4

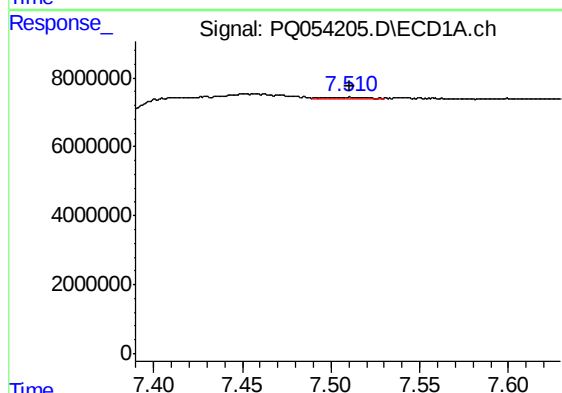
R.T.: 0.000 min
Exp R.T.: 6.729 min
Response: 0
Conc: N.D.

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



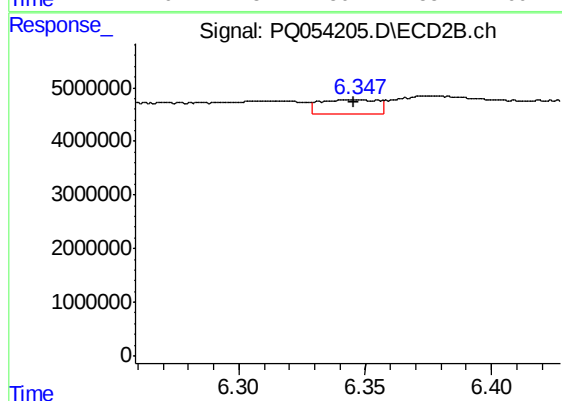
#19 AR-1242-4

R.T.: 5.781 min
Delta R.T.: 0.001 min
Response: 5088562
Conc: 23.52 ng/ml



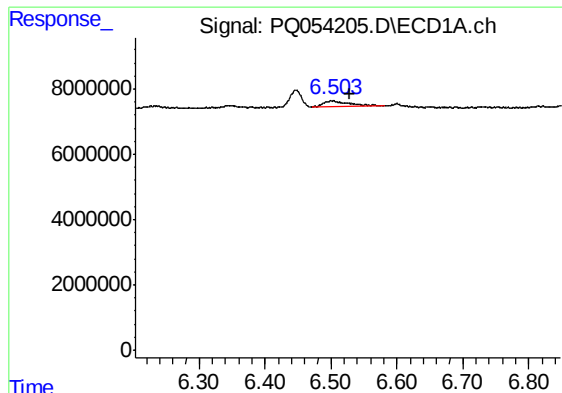
#20 AR-1242-5

R.T.: 7.512 min
Delta R.T.: 0.000 min
Response: 679849
Conc: 1.85 ng/ml



#20 AR-1242-5

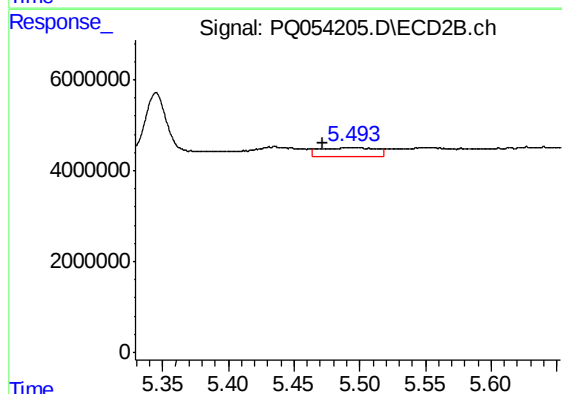
R.T.: 6.346 min
Delta R.T.: 0.000 min
Response: 4191490
Conc: 14.13 ng/ml



#21 AR-1248-1

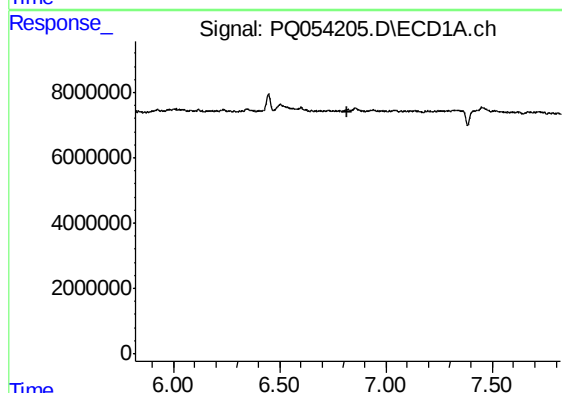
R.T.: 6.503 min
Delta R.T.: -0.026 min
Response: 5320340
Conc: 14.34 ng/ml

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



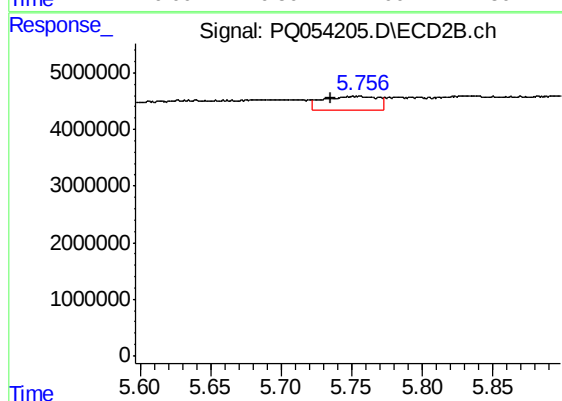
#21 AR-1248-1

R.T.: 5.494 min
Delta R.T.: 0.022 min
Response: 5691457
Conc: 25.23 ng/ml



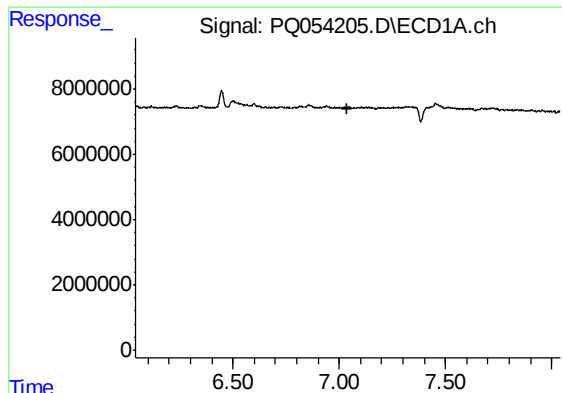
#22 AR-1248-2

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



#22 AR-1248-2

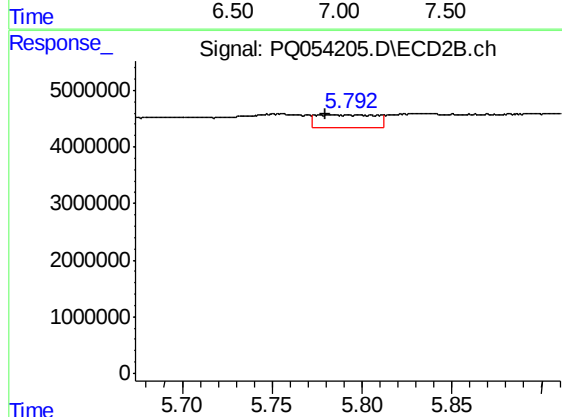
R.T.: 5.755 min
Delta R.T.: 0.020 min
Response: 6494034
Conc: 19.79 ng/ml



#23 AR-1248-3

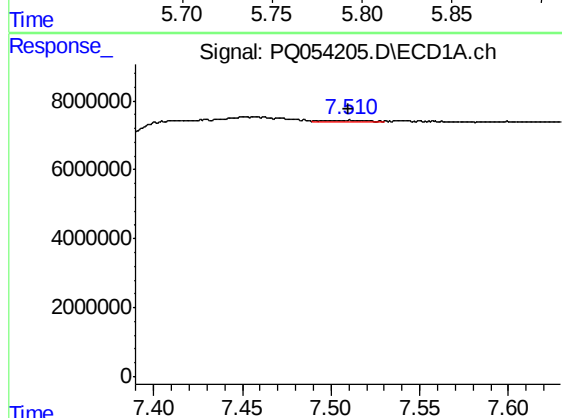
R.T.: 0.000 min
Exp R.T.: 7.041 min
Response: 0
Conc: N.D.

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



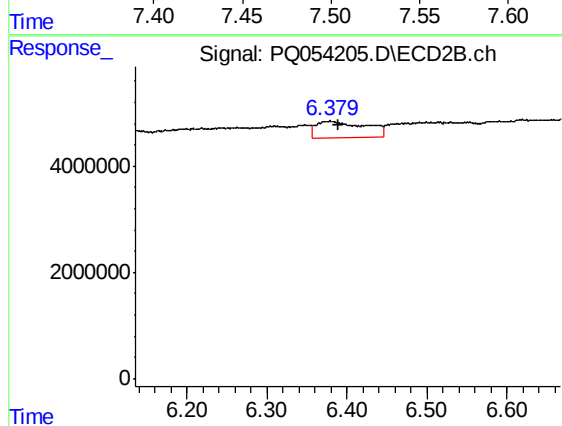
#23 AR-1248-3

R.T.: 5.781 min
Delta R.T.: 0.001 min
Response: 5088562
Conc: 15.39 ng/ml



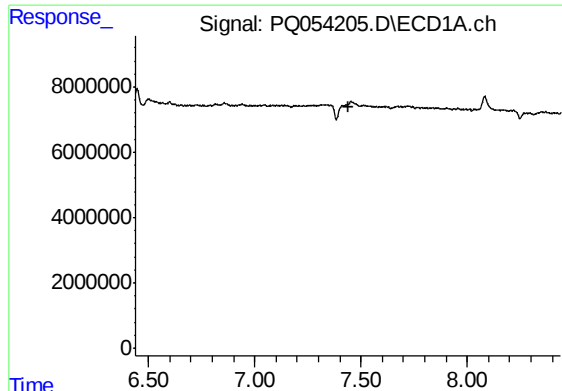
#25 AR-1248-5

R.T.: 7.512 min
Delta R.T.: 0.002 min
Response: 679849
Conc: 1.04 ng/ml



#25 AR-1248-5

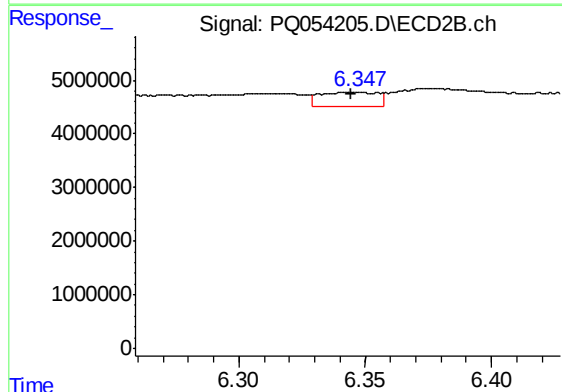
R.T.: 6.378 min
Delta R.T.: -0.010 min
Response: 13479035
Conc: 33.82 ng/ml



#26 AR-1254-1

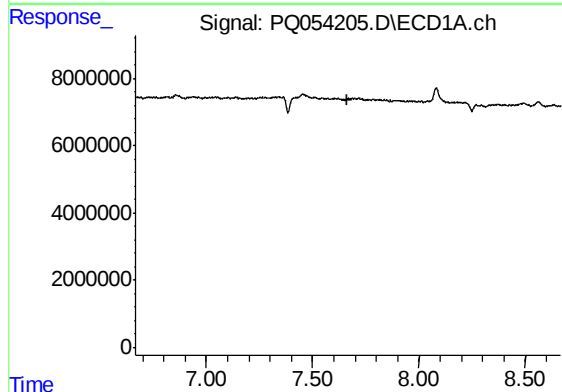
R.T.: 7.457 min
Delta R.T.: 0.018 min
Response: -359830
Conc: N.D.

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



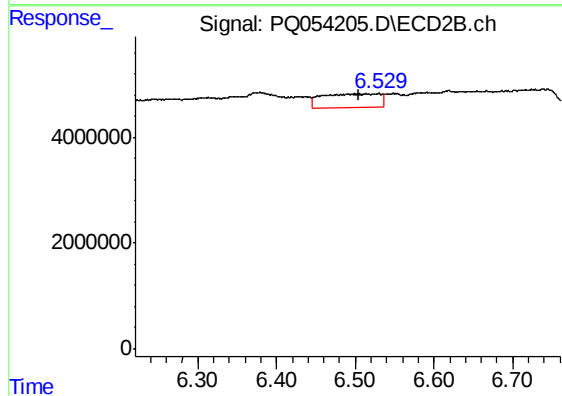
#26 AR-1254-1

R.T.: 6.346 min
Delta R.T.: 0.002 min
Response: 4191490
Conc: 6.27 ng/ml



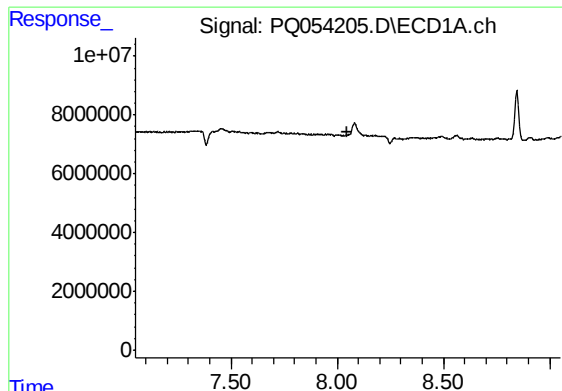
#27 AR-1254-2

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



#27 AR-1254-2

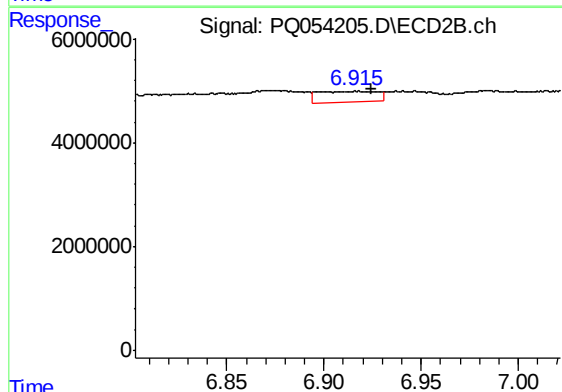
R.T.: 6.499 min
Delta R.T.: -0.005 min
Response: 12984714
Conc: 21.12 ng/ml



#28 AR-1254-3

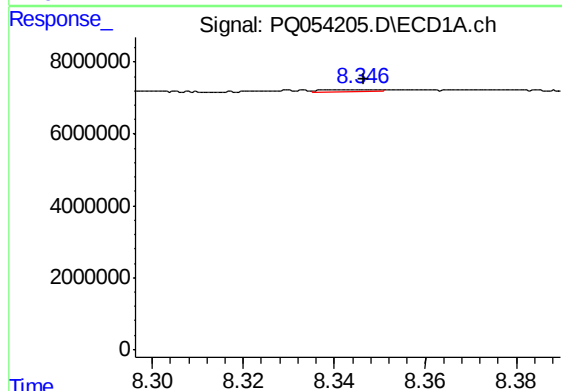
R.T.: 0.000 min
Exp R.T.: 8.051 min
Response: 0
Conc: N.D.

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



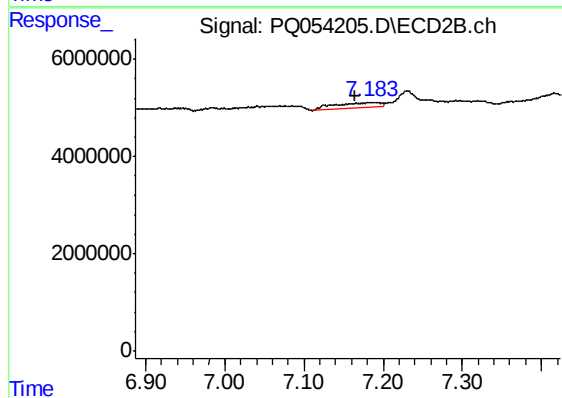
#28 AR-1254-3

R.T.: 6.919 min
Delta R.T.: -0.006 min
Response: 4305917
Conc: 4.46 ng/ml



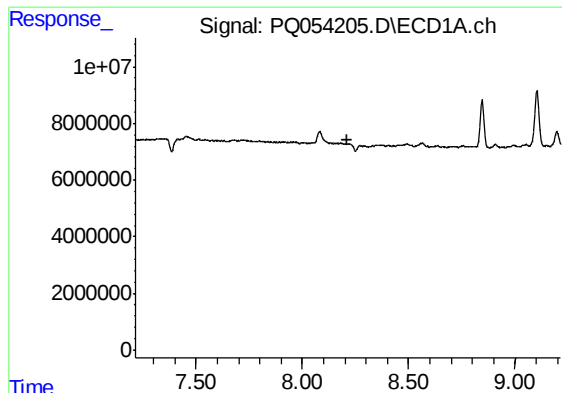
#29 AR-1254-4

R.T.: 8.346 min
Delta R.T.: 0.000 min
Response: 338676
Conc: 0.38 ng/ml



#29 AR-1254-4

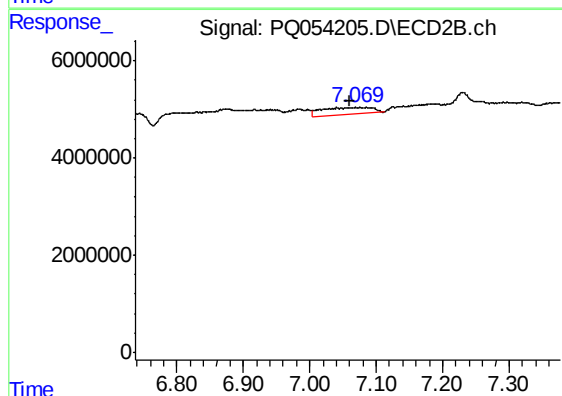
R.T.: 7.188 min
Delta R.T.: 0.024 min
Response: 4167693
Conc: 6.25 ng/ml



#31 AR-1260-1

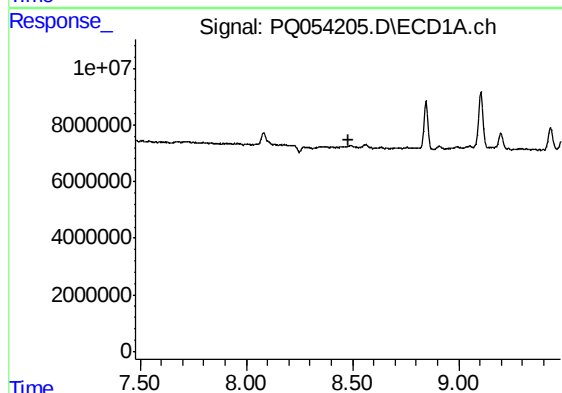
R.T.: 0.000 min
Exp R.T. : 8.214 min
Response: 0
Conc: N.D.

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



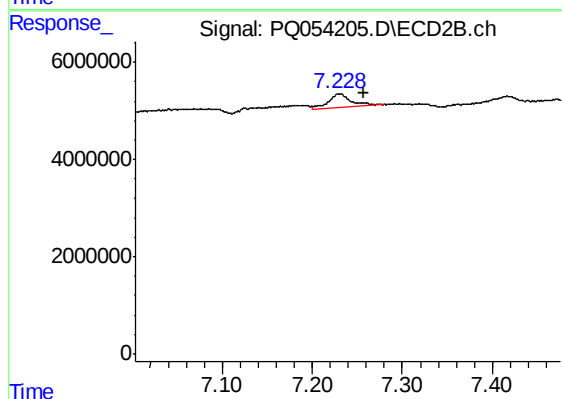
#31 AR-1260-1

R.T.: 7.041 min
Delta R.T.: -0.020 min
Response: 7340452
Conc: 9.79 ng/ml



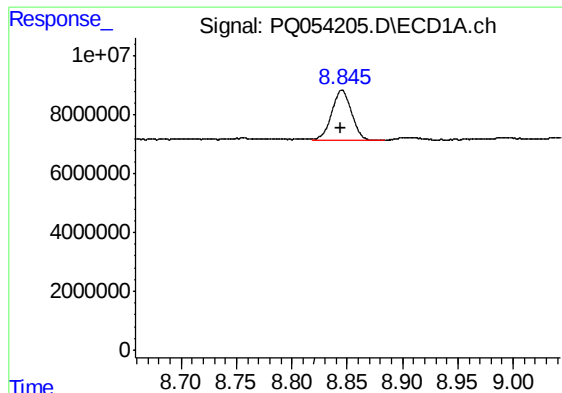
#32 AR-1260-2

R.T.: 0.000 min
Exp R.T. : 8.478 min
Response: 0
Conc: N.D.



#32 AR-1260-2

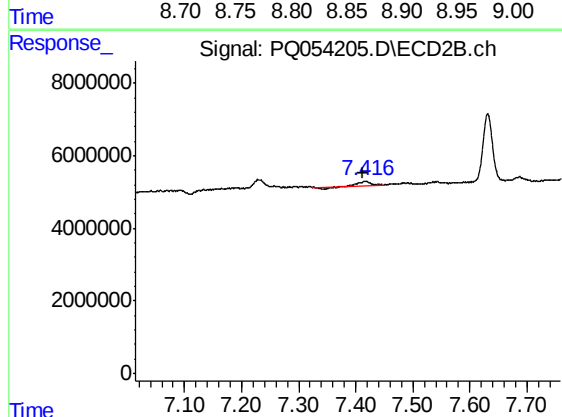
R.T.: 7.230 min
Delta R.T.: -0.027 min
Response: 4927820
Conc: 4.72 ng/ml



#33 AR-1260-3

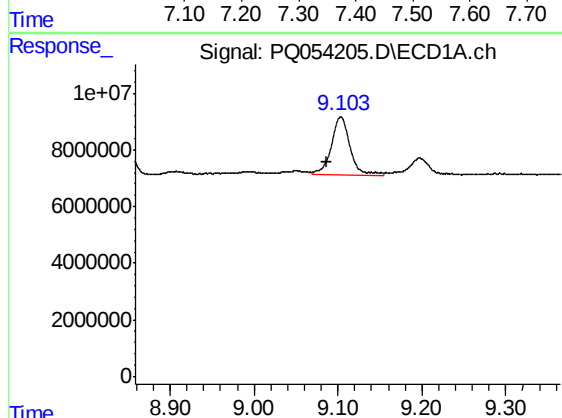
R.T.: 8.845 min
Delta R.T.: 0.000 min
Response: 21420435
Conc: 30.28 ng/ml

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



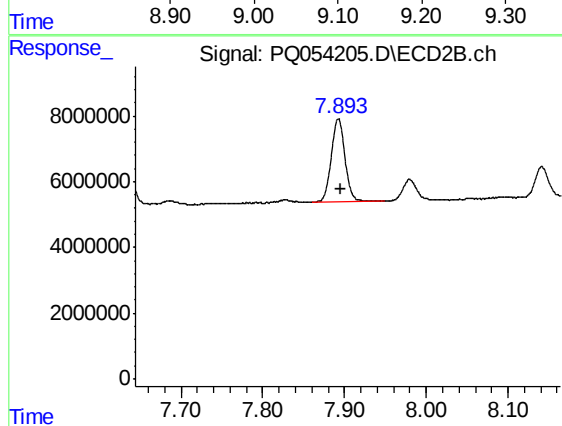
#33 AR-1260-3

R.T.: 7.417 min
Delta R.T.: 0.004 min
Response: 1539886
Conc: 1.77 ng/ml



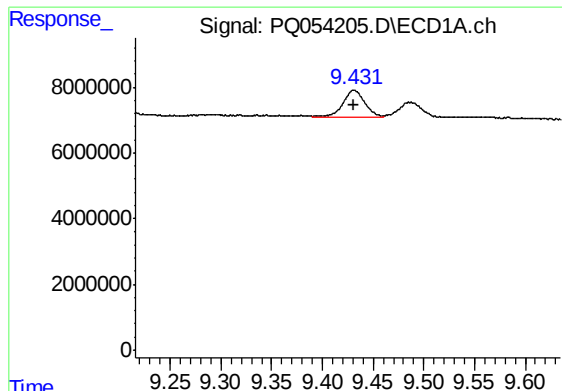
#34 AR-1260-4

R.T.: 9.104 min
Delta R.T.: 0.016 min
Response: 31951262
Conc: 36.12 ng/ml



#34 AR-1260-4

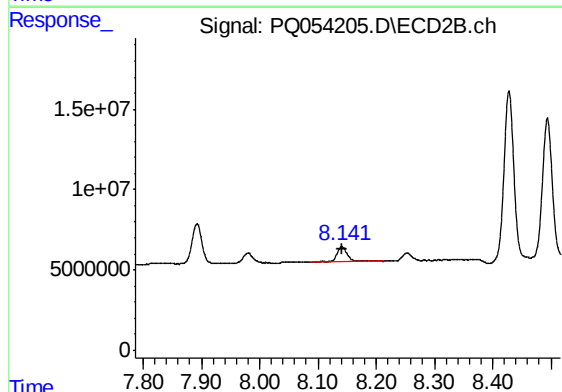
R.T.: 7.893 min
Delta R.T.: -0.003 min
Response: 30122158
Conc: 48.38 ng/ml



#35 AR-1260-5

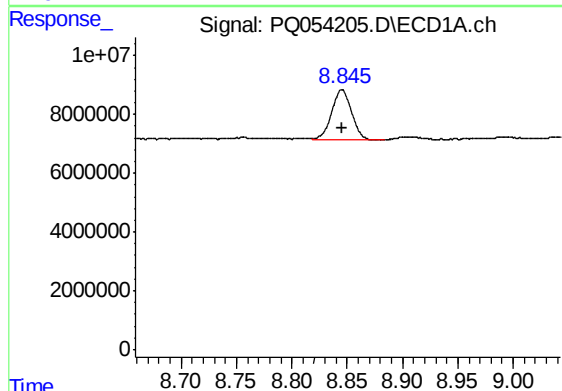
R.T.: 9.431 min
Delta R.T.: 0.000 min
Response: 12550037
Conc: 7.45 ng/ml

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



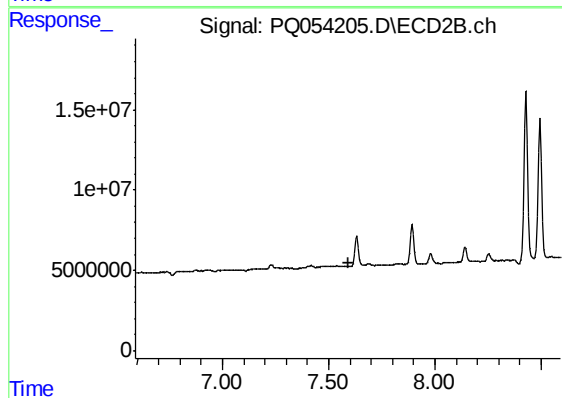
#35 AR-1260-5

R.T.: 8.141 min
Delta R.T.: -0.001 min
Response: 11223051
Conc: 6.55 ng/ml



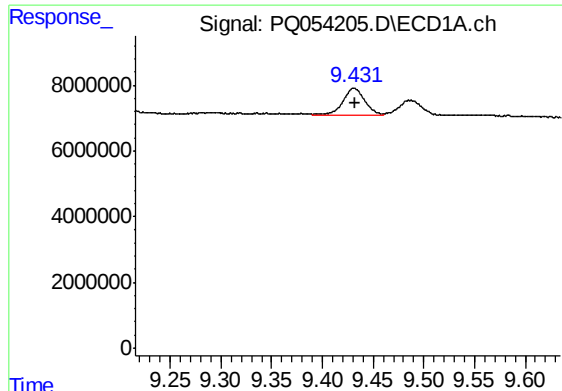
#36 AR-1262-1

R.T.: 8.845 min
Delta R.T.: 0.000 min
Response: 21420435
Conc: 21.66 ng/ml



#36 AR-1262-1

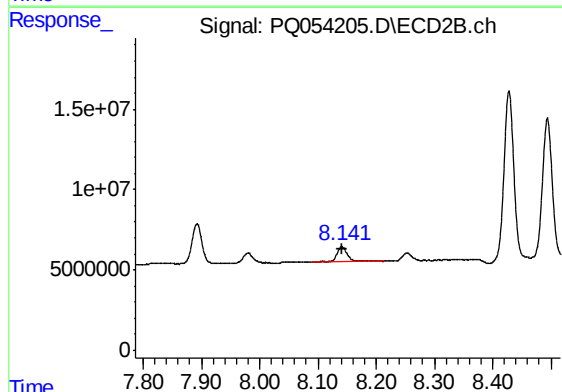
R.T.: 0.000 min
Exp R.T. : 7.591 min
Response: 0
Conc: N.D.



#37 AR-1262-2

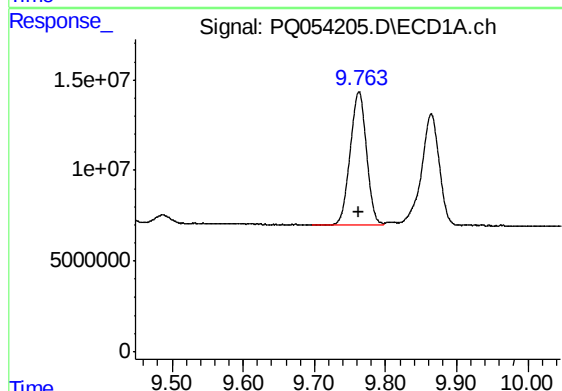
R.T.: 9.431 min
Delta R.T.: 0.000 min
Response: 12550037
Conc: 6.95 ng/ml

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



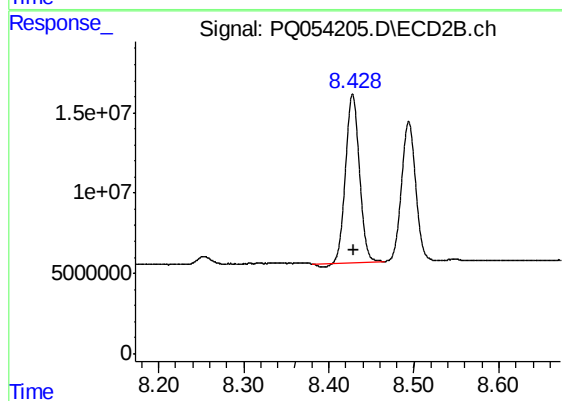
#37 AR-1262-2

R.T.: 8.141 min
Delta R.T.: 0.000 min
Response: 11223051
Conc: 5.96 ng/ml



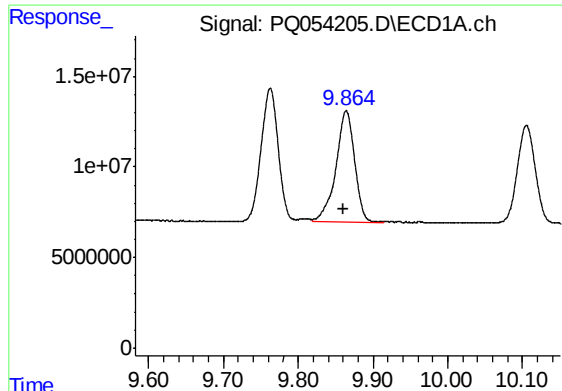
#38 AR-1262-3

R.T.: 9.763 min
Delta R.T.: 0.000 min
Response: 116868354
Conc: 95.38 ng/ml



#38 AR-1262-3

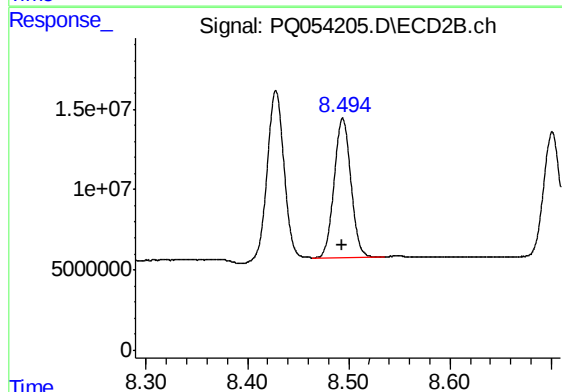
R.T.: 8.428 min
Delta R.T.: 0.000 min
Response: 118426325
Conc: 154.26 ng/ml



#39 AR-1262-4

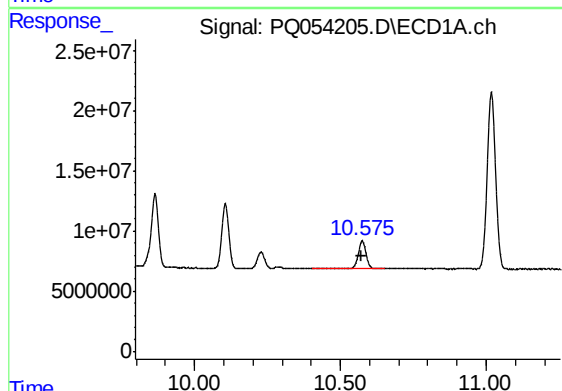
R.T.: 9.864 min
Delta R.T.: 0.004 min
Response: 107176578
Conc: 118.39 ng/ml

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



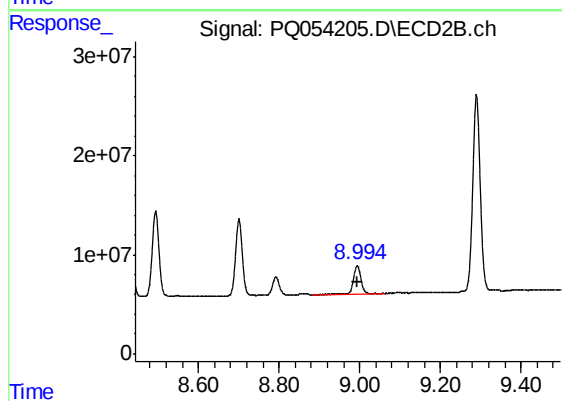
#39 AR-1262-4

R.T.: 8.494 min
Delta R.T.: 0.000 min
Response: 100464410
Conc: 80.36 ng/ml



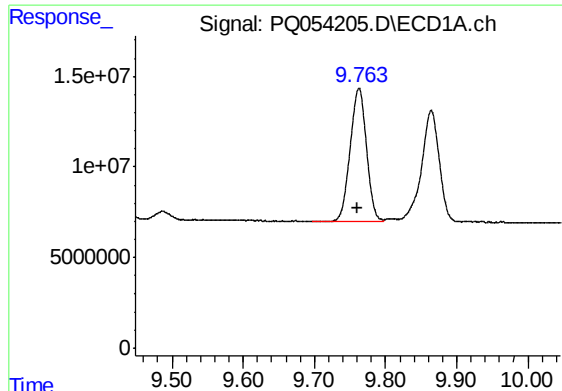
#40 AR-1262-5

R.T.: 10.575 min
Delta R.T.: 0.001 min
Response: 45898144
Conc: 69.25 ng/ml



#40 AR-1262-5

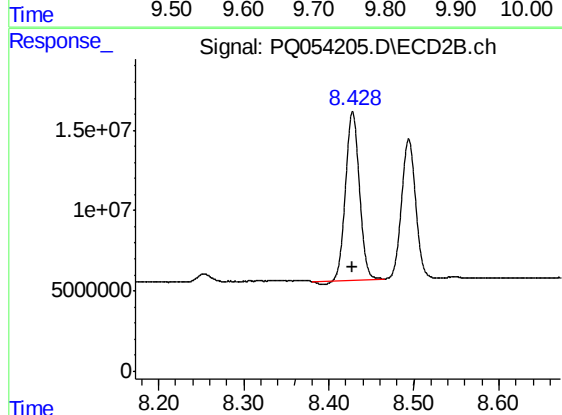
R.T.: 8.994 min
Delta R.T.: 0.000 min
Response: 35921386
Conc: 62.24 ng/ml



#41 AR-1268-1

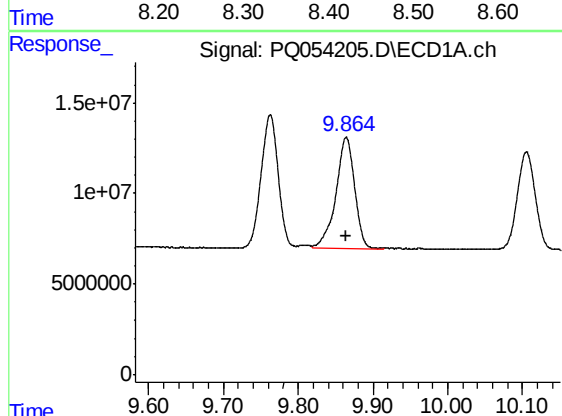
R.T.: 9.763 min
Delta R.T.: 0.002 min
Response: 116868354
Conc: 55.41 ng/ml

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



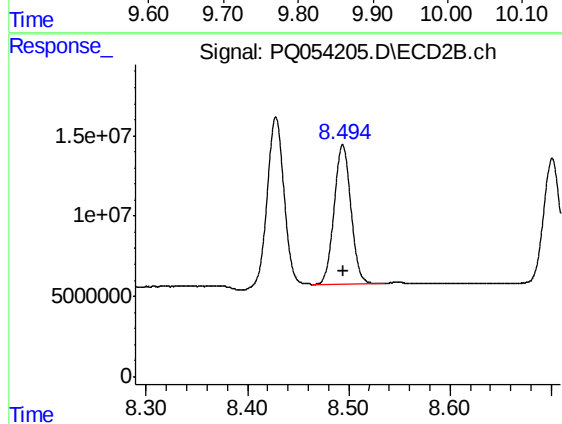
#41 AR-1268-1

R.T.: 8.428 min
Delta R.T.: 0.000 min
Response: 118426325
Conc: 52.50 ng/ml



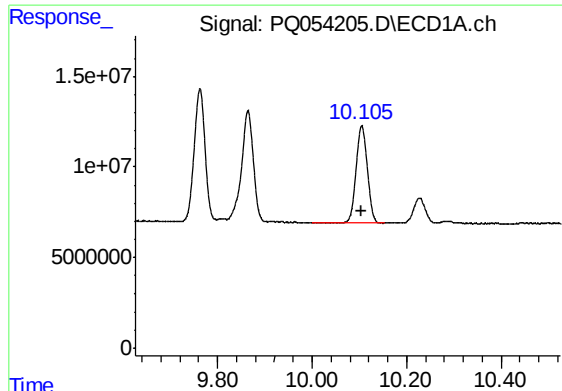
#42 AR-1268-2

R.T.: 9.864 min
Delta R.T.: 0.000 min
Response: 107176578
Conc: 55.57 ng/ml



#42 AR-1268-2

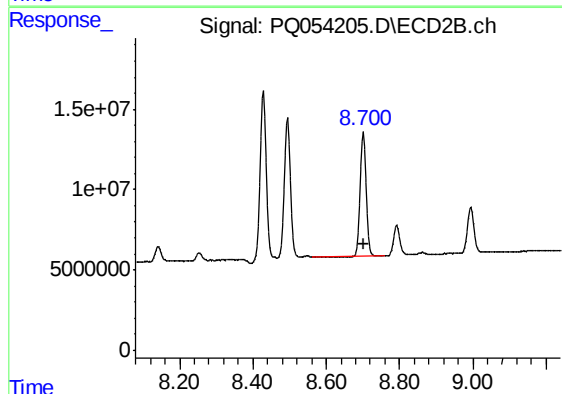
R.T.: 8.494 min
Delta R.T.: 0.000 min
Response: 100464410
Conc: 53.79 ng/ml



#43 AR-1268-3

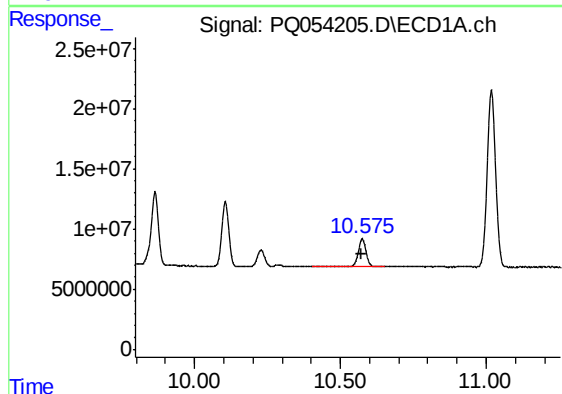
R.T.: 10.105 min
Delta R.T.: 0.000 min
Response: 89890921
Conc: 55.84 ng/ml

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



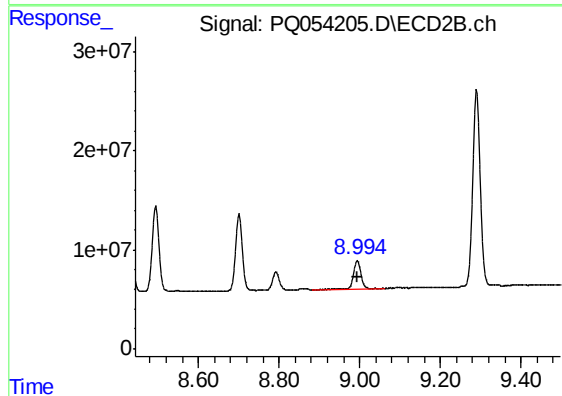
#43 AR-1268-3

R.T.: 8.701 min
Delta R.T.: -0.001 min
Response: 87057869
Conc: 52.08 ng/ml



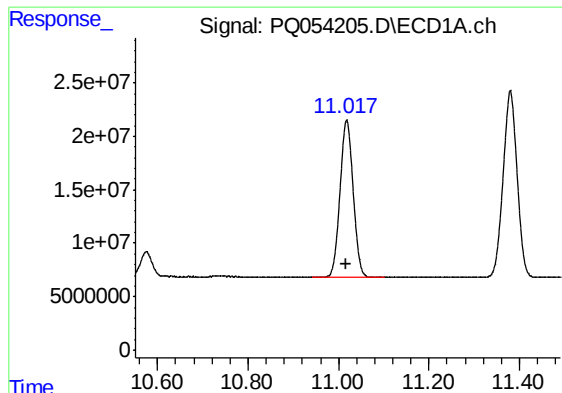
#44 AR-1268-4

R.T.: 10.575 min
Delta R.T.: 0.002 min
Response: 45898144
Conc: 62.75 ng/ml



#44 AR-1268-4

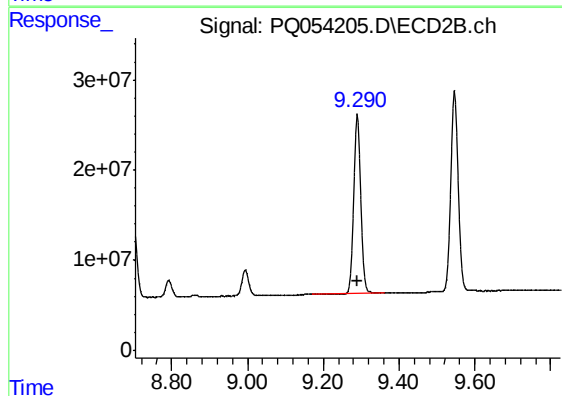
R.T.: 8.994 min
Delta R.T.: 0.000 min
Response: 35921386
Conc: 55.08 ng/ml



#45 AR-1268-5

R.T.: 11.018 min
Delta R.T.: 0.002 min
Response: 293806811
Conc: 53.88 ng/ml

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



#45 AR-1268-5

R.T.: 9.290 min
Delta R.T.: 0.000 min
Response: 256993395
Conc: 54.54 ng/ml