

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP101624\
 Data File : PP067904.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Oct 2024 13:14
 Operator : YP\AJ
 Sample : P4368-02
 Misc : AR1221 LOQ 50 PPB
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 LOQ-SOIL-02-QT4-2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 17 07:09:13 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP100824.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Oct 09 05:48:32 2024
 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...	4.754	4.050	15367948	16215040	16.602	16.048
2)	SA Decachlor...	10.666	9.213	21192455	19407692	18.407	17.306
Target Compounds							
3)	L1 AR-1016-1	5.924	5.175	60293	406023	1.823	11.605 #
4)	L1 AR-1016-2	5.924	5.175	60293	406023	1.236	8.429 #
5)	L1 AR-1016-3	0.000	5.359	0	146209	N.D.	5.428 #
6)	L1 AR-1016-4	0.000	5.404	0	95832	N.D.	3.979 #
7)	L1 AR-1016-5	0.000	5.661f	0	181717	N.D.	5.976 #
8)	L2 AR-1221-1	4.950	4.265	324909	561222	25.364	42.613 #
9)	L2 AR-1221-2	5.045	4.355	599312	598940	63.348	60.127
10)	L2 AR-1221-3	5.118	4.432	1334941	1318746	46.179	42.361
11)	L3 AR-1232-1	5.118	4.432	1334941	1318746	58.397	54.196
12)	L3 AR-1232-2	5.597f	5.175	161527	406023	13.708	18.154 #
13)	L3 AR-1232-3	5.924	5.359	60293	146209	2.707	12.241 #
14)	L3 AR-1232-4	0.000	5.442	0	67036	N.D.	5.813 #
15)	L3 AR-1232-5	0.000	5.661f	0	181717	N.D.	13.510 #
16)	L4 AR-1242-1	5.924	5.175	60293	406023	2.158	13.964 #
17)	L4 AR-1242-2	5.924	5.175	60293	406023	1.484	10.113 #
18)	L4 AR-1242-3	0.000	5.359	0	146209	N.D.	6.500 #
19)	L4 AR-1242-4	0.000	5.442	0	67036	N.D.	2.824 #
20)	L4 AR-1242-5	6.836	5.969	106550	163601	4.416	5.710 #
21)	L5 AR-1248-1	5.924	5.175	60293	406023	2.814	17.915 #
22)	L5 AR-1248-2	0.000	5.404	0	95832	N.D.	2.896 #
23)	L5 AR-1248-3	0.000	5.442	0	67036	N.D.	1.944 #
24)	L5 AR-1248-4	6.836f	5.661f	106550	181717	2.634	4.437 #
25)	L5 AR-1248-5	6.836	6.045	106550	73192	2.687	1.955 #
26)	L6 AR-1254-1	6.836f	5.969	106550	163601	2.379	2.769
27)	L6 AR-1254-2	6.985	6.121	87386	55428	1.322	1.056
28)	L6 AR-1254-3	7.350	6.535	407004	186348	5.860	2.240 #
29)	L6 AR-1254-4	7.634	6.704f	181429	134089	3.636	2.778
30)	L6 AR-1254-5	8.064	7.185	398985	93423	6.729	1.270 #
31)	L7 AR-1260-1	7.551	6.704f	345045	134089	6.387	2.354 #
32)	L7 AR-1260-2	7.774	6.828	189457	242470	2.994	3.635
33)	L7 AR-1260-3	8.135	7.011	74897	97009	1.445	1.523
34)	L7 AR-1260-4	8.399	7.529f	96481	79667	1.603	1.441
35)	L7 AR-1260-5	8.693	7.712	27056	204680	0.251	1.674 #
36)	L8 AR-1262-1	8.399	7.185	96481	93423	1.344	1.187
37)	L8 AR-1262-2	8.693	7.529f	27056	79667	0.223	1.123 #
39)	L8 AR-1262-4	0.000	8.112f	0	190129	N.D.	1.893 #
41)	L9 AR-1268-1	8.975f	0.000	214108	0	1.403	N.D. #
42)	L9 AR-1268-2	0.000	8.112f	0	190129	N.D.	1.328 #
45)	L9 AR-1268-5	10.286	8.921	104906	44545	0.281	0.118 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP101624\
Data File : PP067904.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Oct 2024 13:14
Operator : YP\AJ
Sample : P4368-02
Misc : AR1221 LOQ 50 PPB
ALS Vial : 18 Sample Multiplier: 1

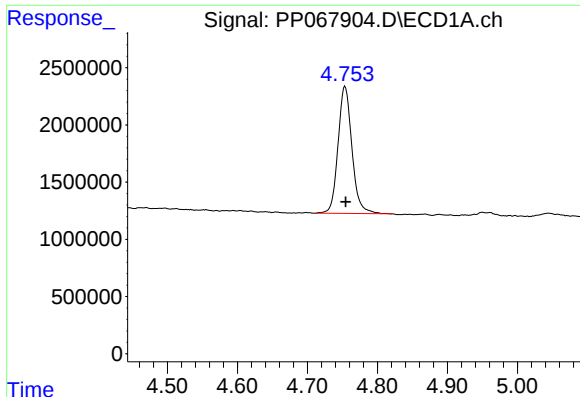
Instrument :
ECD_P
ClientSampleId :
LOQ-SOIL-02-QT4-2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 17 07:09:13 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP100824.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 09 05:48:32 2024
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

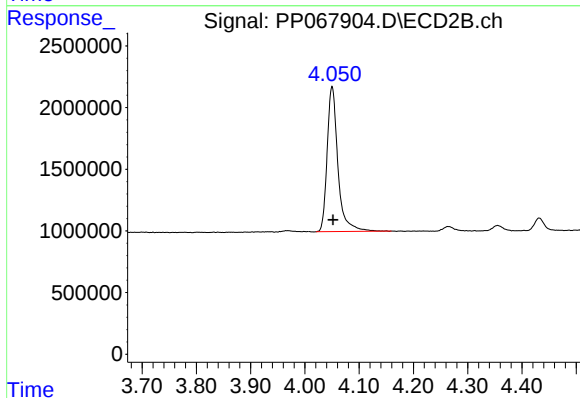
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

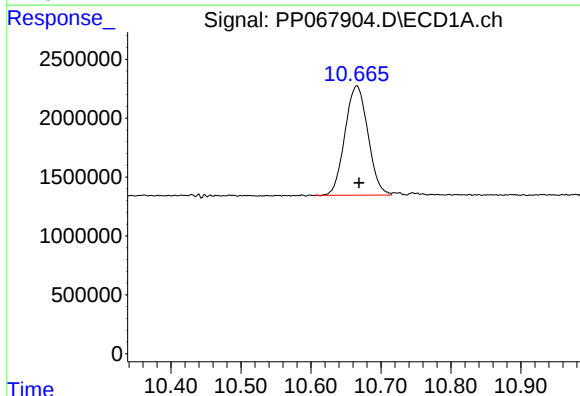
R.T.: 4.754 min
Delta R.T.: -0.001 min
Response: 15367948
Conc: 16.60 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOQ-SOIL-02-QT4-2024



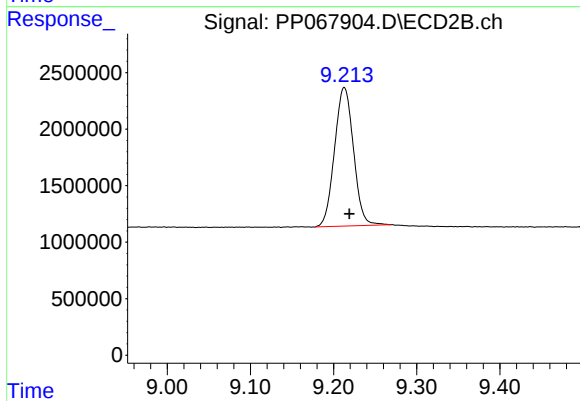
#1 Tetrachloro-m-xylene

R.T.: 4.050 min
Delta R.T.: -0.002 min
Response: 16215040
Conc: 16.05 ng/ml



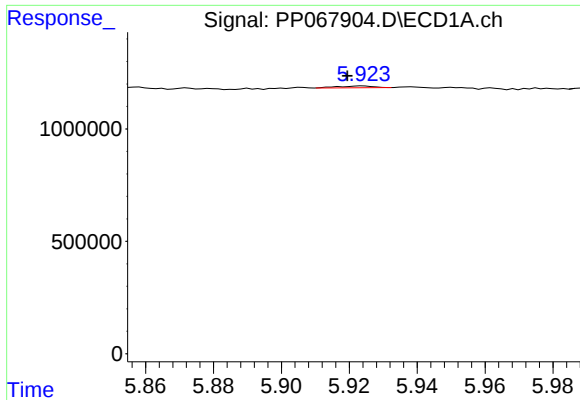
#2 Decachlorobiphenyl

R.T.: 10.666 min
Delta R.T.: -0.003 min
Response: 21192455
Conc: 18.41 ng/ml



#2 Decachlorobiphenyl

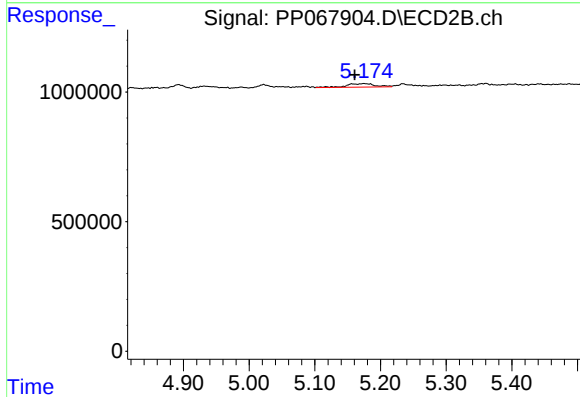
R.T.: 9.213 min
Delta R.T.: -0.006 min
Response: 19407692
Conc: 17.31 ng/ml



#3 AR-1016-1

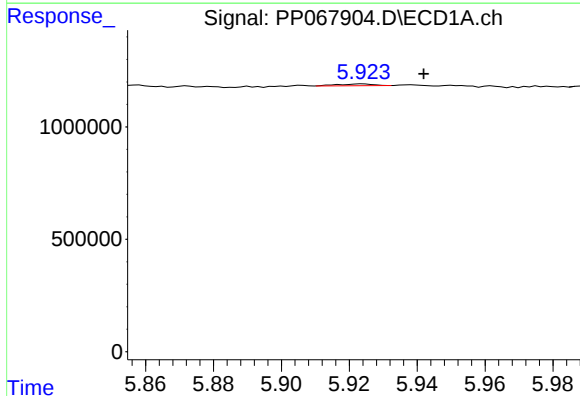
R.T.: 5.924 min
Delta R.T.: 0.005 min
Response: 60293
Conc: 1.82 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOQ-SOIL-02-QT4-2024



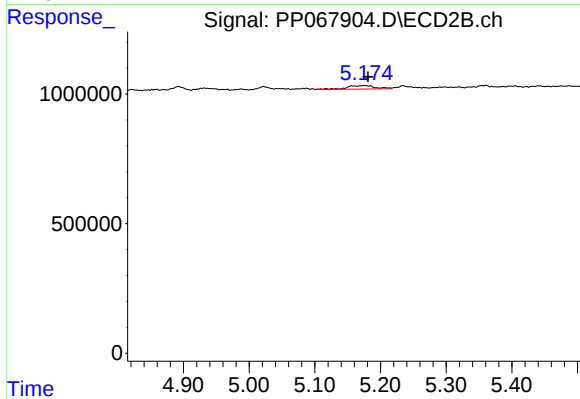
#3 AR-1016-1

R.T.: 5.175 min
Delta R.T.: 0.014 min
Response: 406023
Conc: 11.60 ng/ml



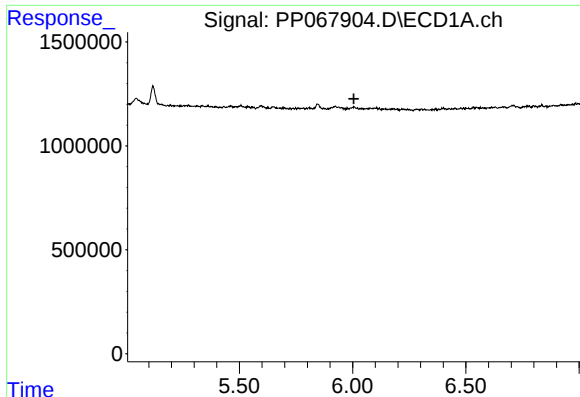
#4 AR-1016-2

R.T.: 5.924 min
Delta R.T.: -0.018 min
Response: 60293
Conc: 1.24 ng/ml



#4 AR-1016-2

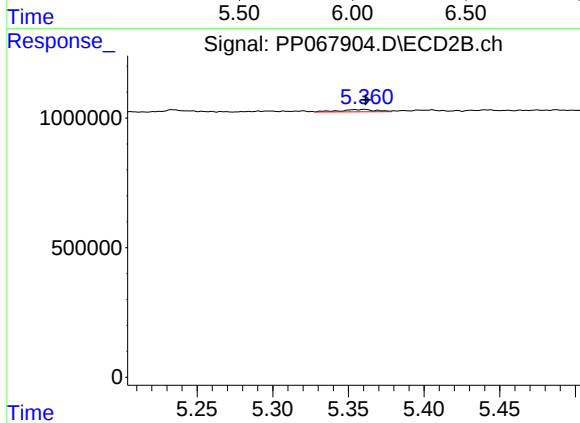
R.T.: 5.175 min
Delta R.T.: -0.006 min
Response: 406023
Conc: 8.43 ng/ml



#5 AR-1016-3

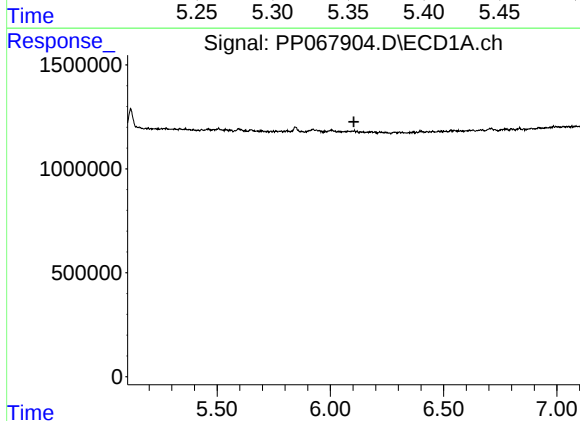
R.T.: 0.000 min
Exp R.T.: 6.005 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
LOQ-SOIL-02-QT4-2024



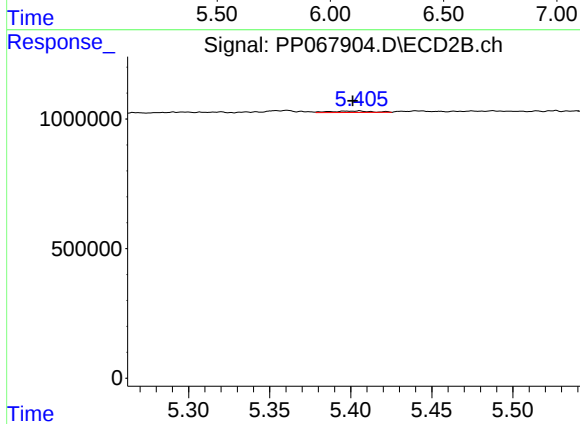
#5 AR-1016-3

R.T.: 5.359 min
Delta R.T.: -0.002 min
Response: 146209
Conc: 5.43 ng/ml



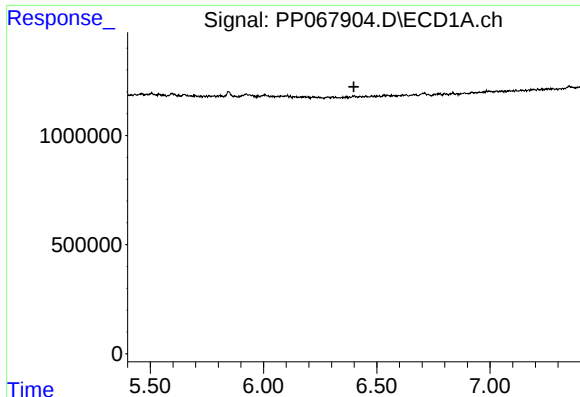
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 6.103 min
Response: 0
Conc: N.D.



#6 AR-1016-4

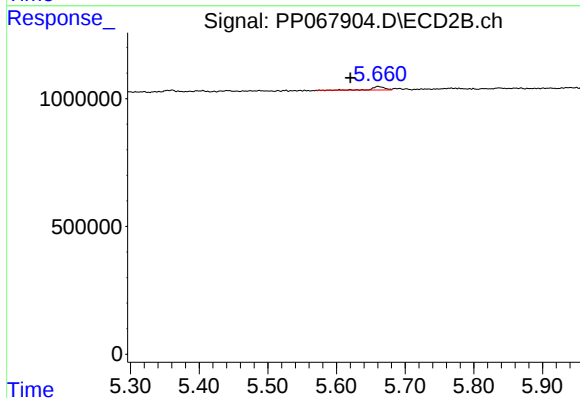
R.T.: 5.404 min
Delta R.T.: 0.003 min
Response: 95832
Conc: 3.98 ng/ml



#7 AR-1016-5

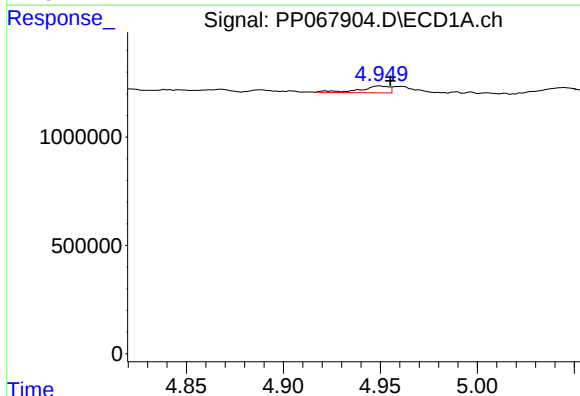
R.T.: 0.000 min
Exp R.T.: 6.398 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
LOQ-SOIL-02-QT4-2024



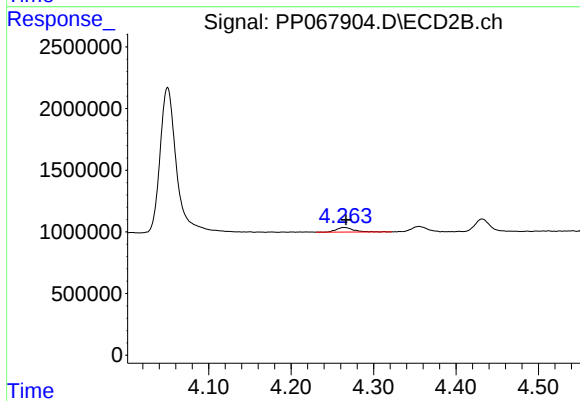
#7 AR-1016-5

R.T.: 5.661 min
Delta R.T.: 0.041 min
Response: 181717
Conc: 5.98 ng/ml



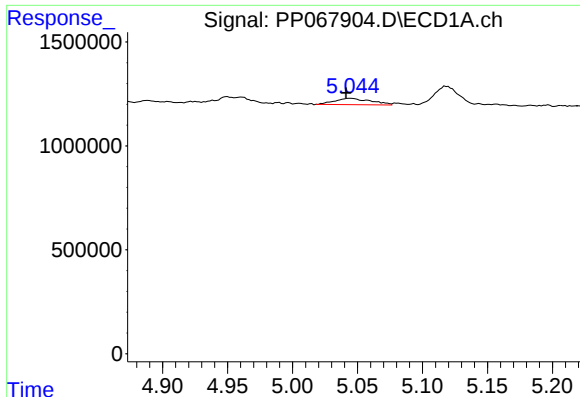
#8 AR-1221-1

R.T.: 4.950 min
Delta R.T.: -0.005 min
Response: 324909
Conc: 25.36 ng/ml



#8 AR-1221-1

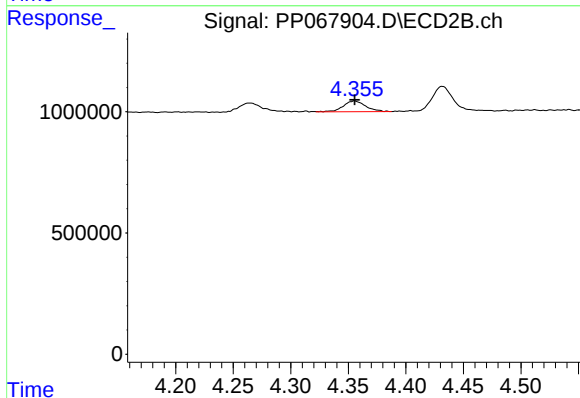
R.T.: 4.265 min
Delta R.T.: -0.002 min
Response: 561222
Conc: 42.61 ng/ml



#9 AR-1221-2

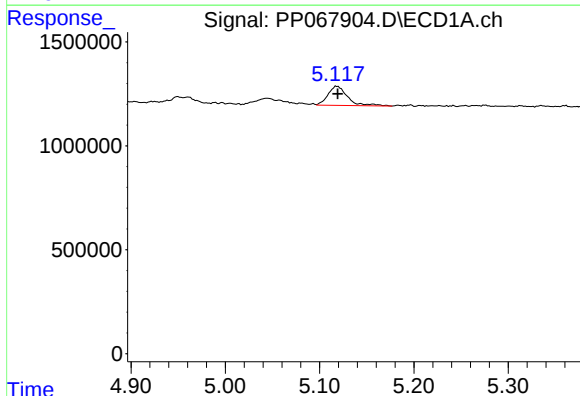
R.T.: 5.045 min
Delta R.T.: 0.003 min
Response: 599312
Conc: 63.35 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOQ-SOIL-02-QT4-2024



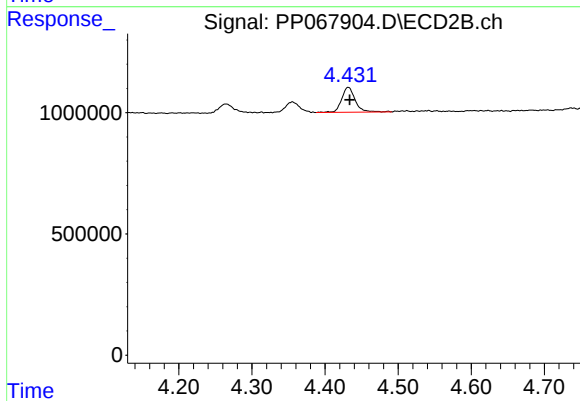
#9 AR-1221-2

R.T.: 4.355 min
Delta R.T.: 0.000 min
Response: 598940
Conc: 60.13 ng/ml



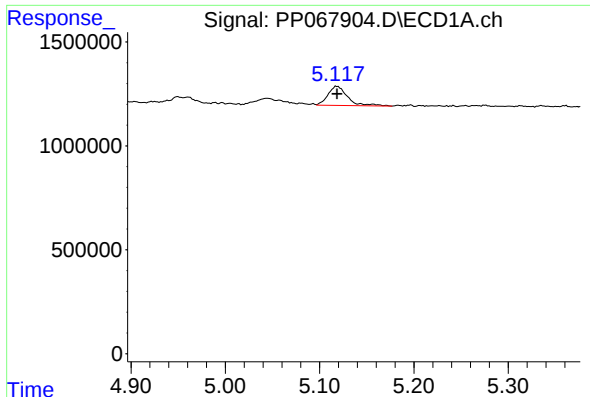
#10 AR-1221-3

R.T.: 5.118 min
Delta R.T.: 0.000 min
Response: 1334941
Conc: 46.18 ng/ml



#10 AR-1221-3

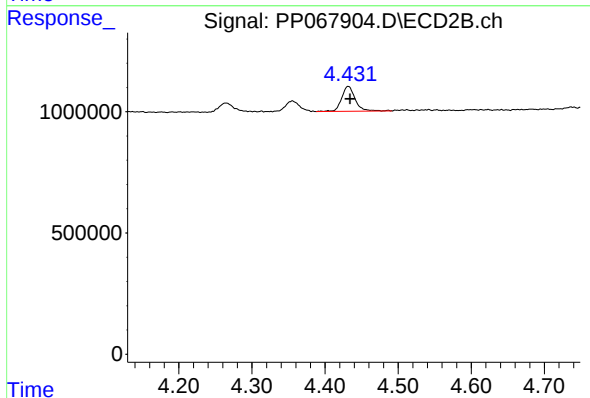
R.T.: 4.432 min
Delta R.T.: -0.002 min
Response: 1318746
Conc: 42.36 ng/ml



#11 AR-1232-1

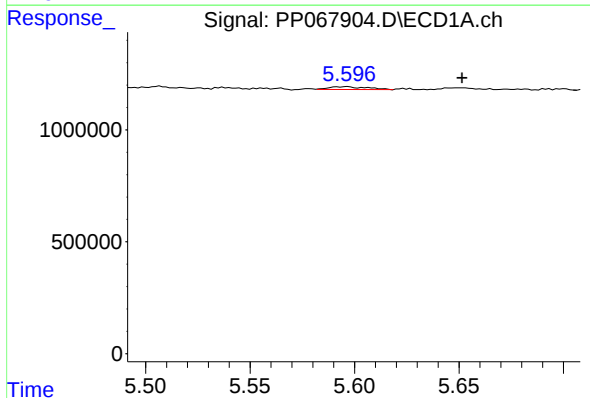
R.T.: 5.118 min
Delta R.T.: 0.000 min
Response: 1334941
Conc: 58.40 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOQ-SOIL-02-QT4-2024



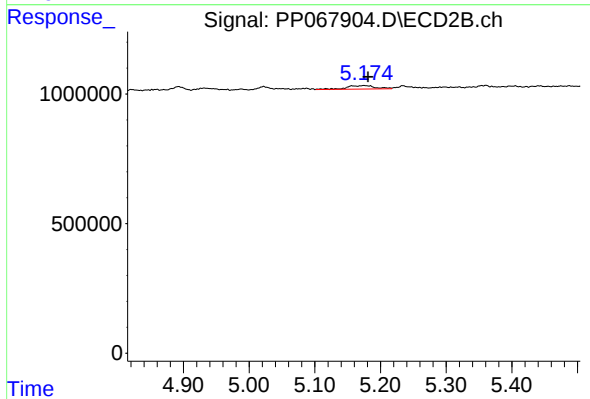
#11 AR-1232-1

R.T.: 4.432 min
Delta R.T.: -0.003 min
Response: 1318746
Conc: 54.20 ng/ml



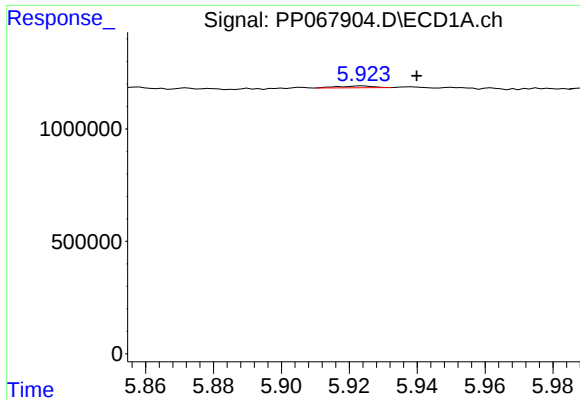
#12 AR-1232-2

R.T.: 5.597 min
Delta R.T.: -0.055 min
Response: 161527
Conc: 13.71 ng/ml



#12 AR-1232-2

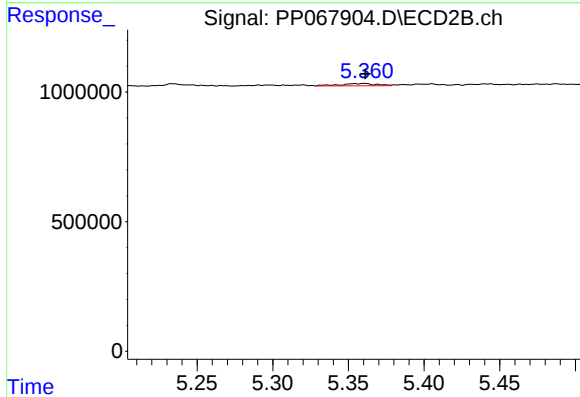
R.T.: 5.175 min
Delta R.T.: -0.006 min
Response: 406023
Conc: 18.15 ng/ml



#13 AR-1232-3

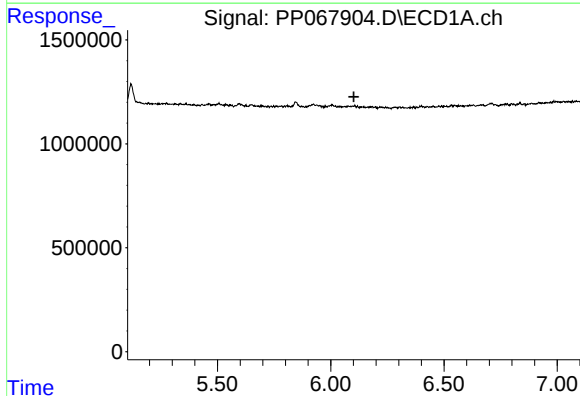
R.T.: 5.924 min
Delta R.T.: -0.016 min
Response: 60293
Conc: 2.71 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOQ-SOIL-02-QT4-2024



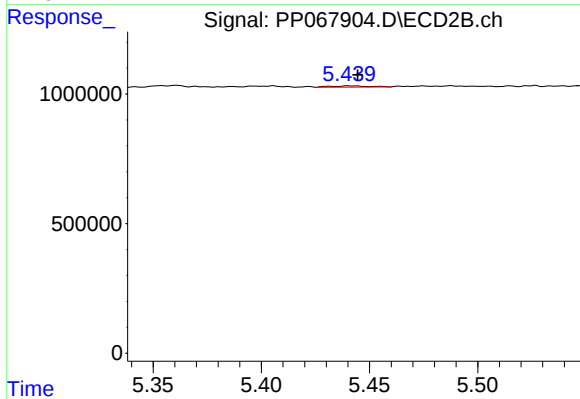
#13 AR-1232-3

R.T.: 5.359 min
Delta R.T.: -0.002 min
Response: 146209
Conc: 12.24 ng/ml



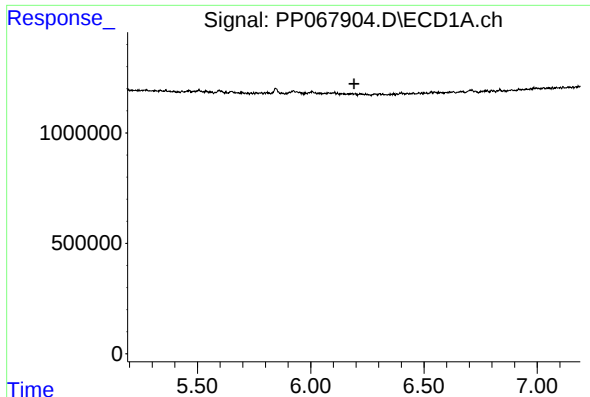
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 6.101 min
Response: 0
Conc: N.D.



#14 AR-1232-4

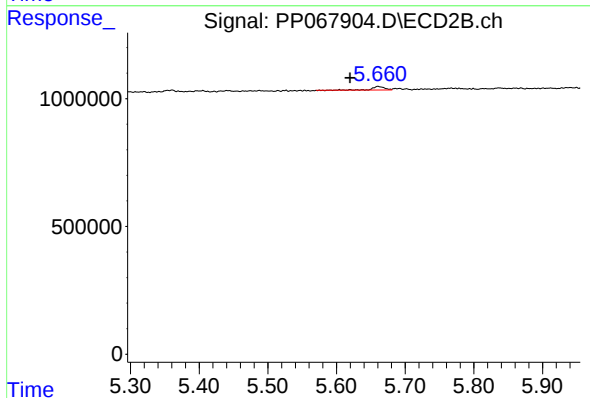
R.T.: 5.442 min
Delta R.T.: -0.003 min
Response: 67036
Conc: 5.81 ng/ml



#15 AR-1232-5

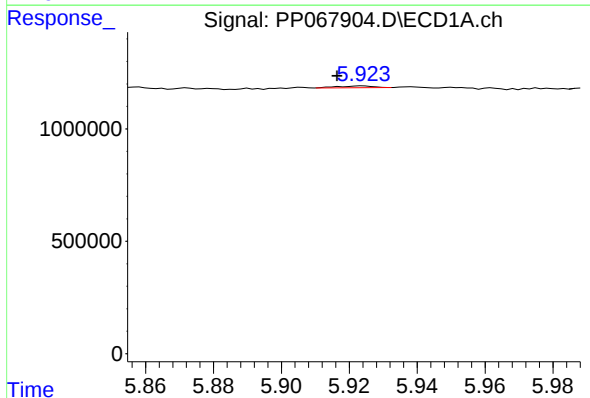
R.T.: 0.000 min
Exp R.T.: 6.191 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
LOQ-SOIL-02-QT4-2024



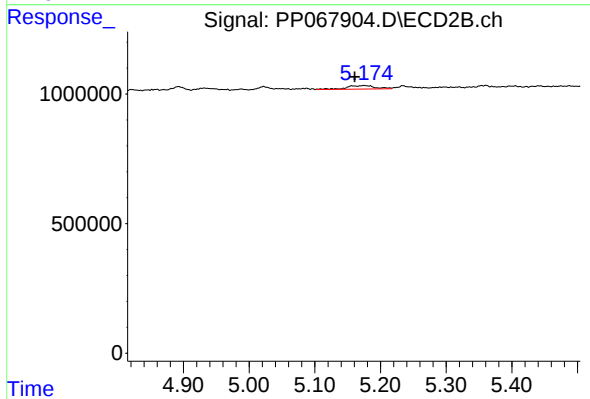
#15 AR-1232-5

R.T.: 5.661 min
Delta R.T.: 0.041 min
Response: 181717
Conc: 13.51 ng/ml



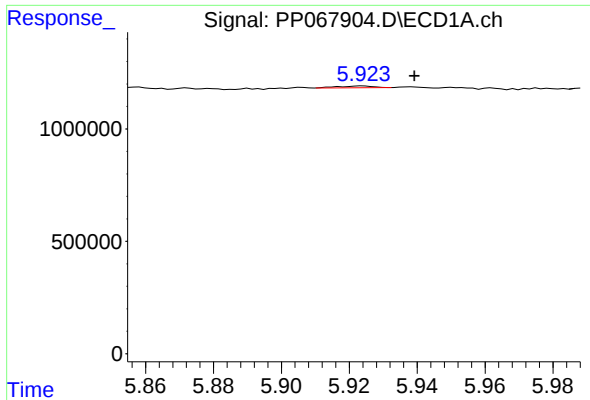
#16 AR-1242-1

R.T.: 5.924 min
Delta R.T.: 0.008 min
Response: 60293
Conc: 2.16 ng/ml



#16 AR-1242-1

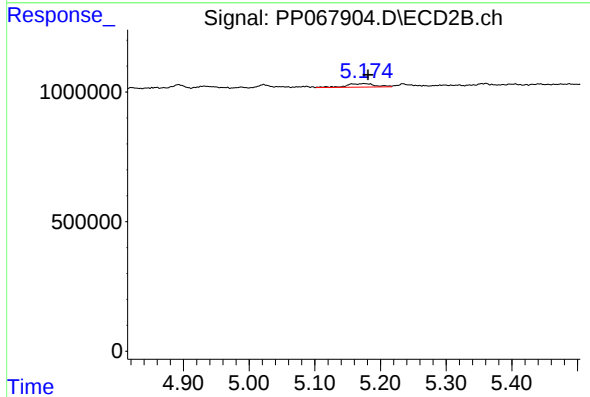
R.T.: 5.175 min
Delta R.T.: 0.014 min
Response: 406023
Conc: 13.96 ng/ml



#17 AR-1242-2

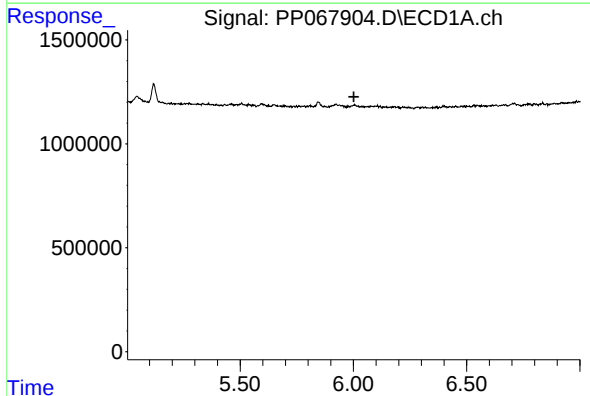
R.T.: 5.924 min
Delta R.T.: -0.015 min
Response: 60293
Conc: 1.48 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOQ-SOIL-02-QT4-2024



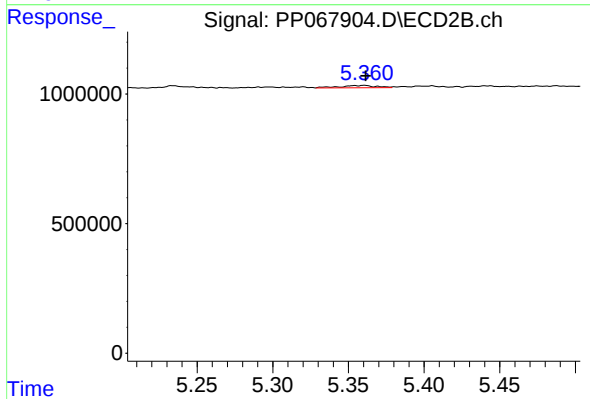
#17 AR-1242-2

R.T.: 5.175 min
Delta R.T.: -0.006 min
Response: 406023
Conc: 10.11 ng/ml



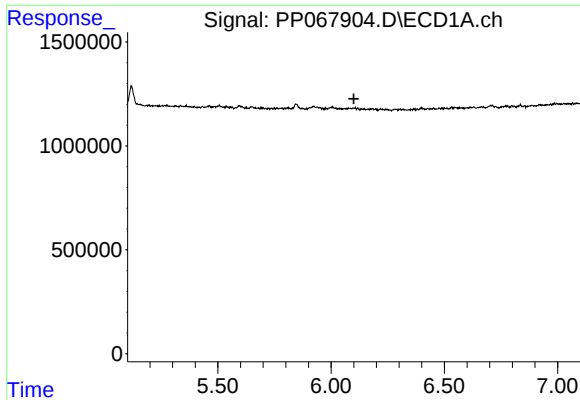
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 6.002 min
Response: 0
Conc: N.D.



#18 AR-1242-3

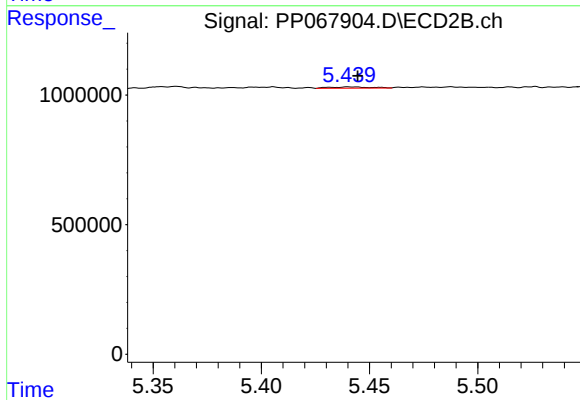
R.T.: 5.359 min
Delta R.T.: -0.003 min
Response: 146209
Conc: 6.50 ng/ml



#19 AR-1242-4

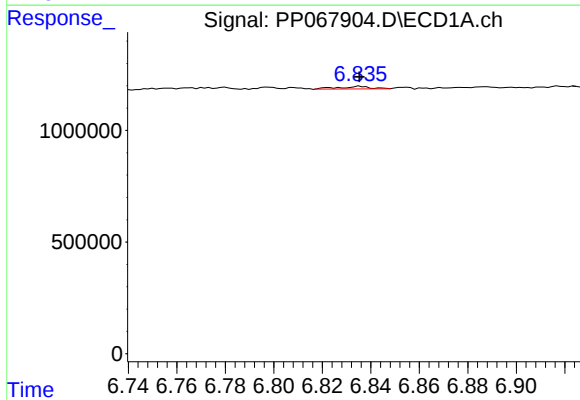
R.T.: 0.000 min
Exp R.T.: 6.101 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
LOQ-SOIL-02-QT4-2024



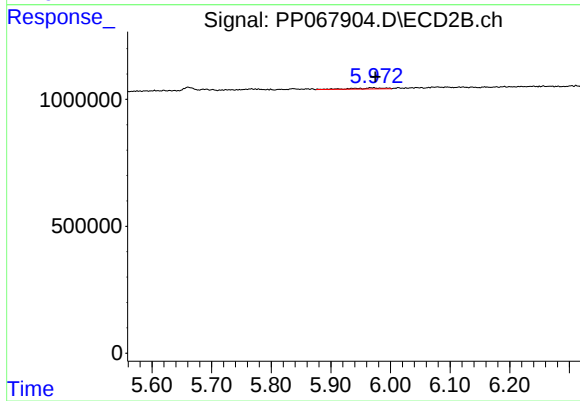
#19 AR-1242-4

R.T.: 5.442 min
Delta R.T.: -0.003 min
Response: 67036
Conc: 2.82 ng/ml



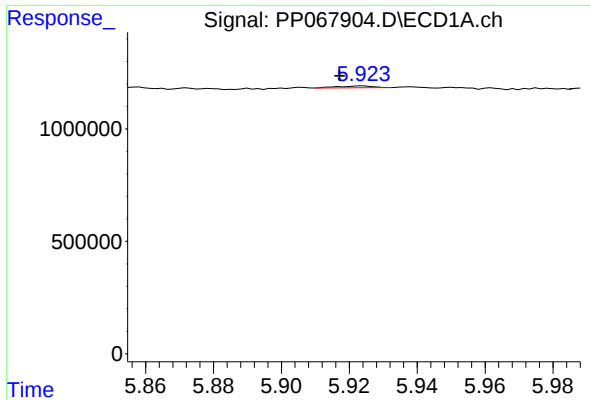
#20 AR-1242-5

R.T.: 6.836 min
Delta R.T.: 0.000 min
Response: 106550
Conc: 4.42 ng/ml



#20 AR-1242-5

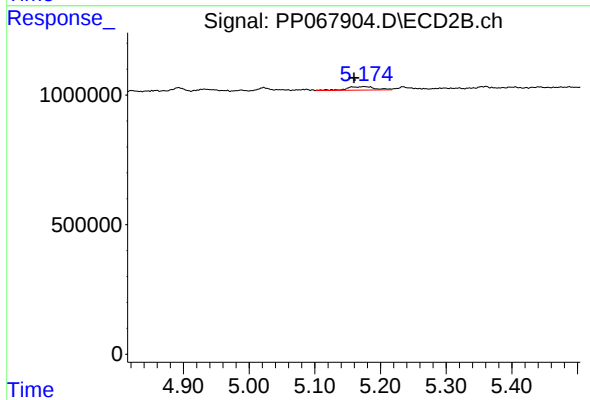
R.T.: 5.969 min
Delta R.T.: -0.006 min
Response: 163601
Conc: 5.71 ng/ml



#21 AR-1248-1

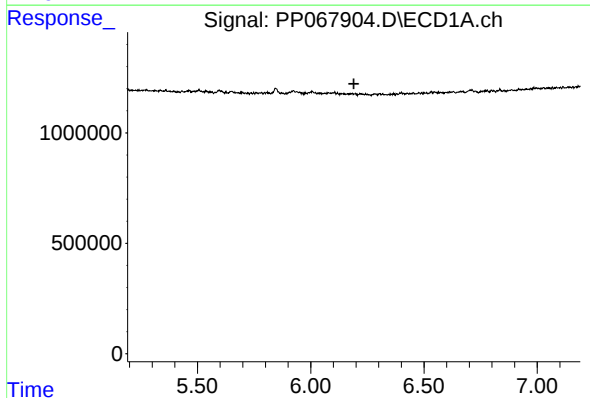
R.T.: 5.924 min
Delta R.T.: 0.007 min
Response: 60293
Conc: 2.81 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOQ-SOIL-02-QT4-2024



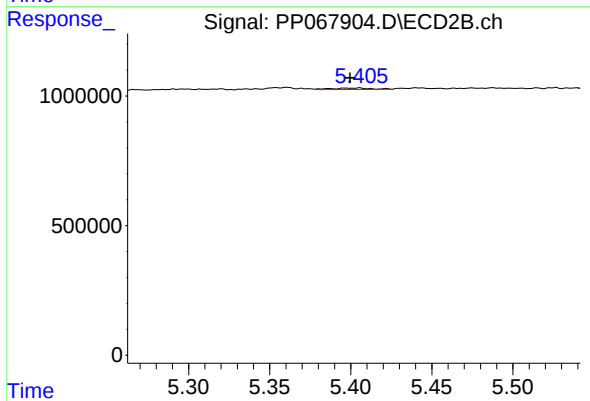
#21 AR-1248-1

R.T.: 5.175 min
Delta R.T.: 0.015 min
Response: 406023
Conc: 17.92 ng/ml



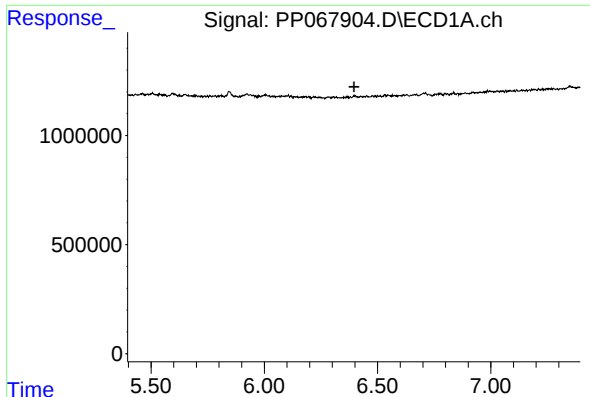
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T. : 6.191 min
Response: 0
Conc: N.D.



#22 AR-1248-2

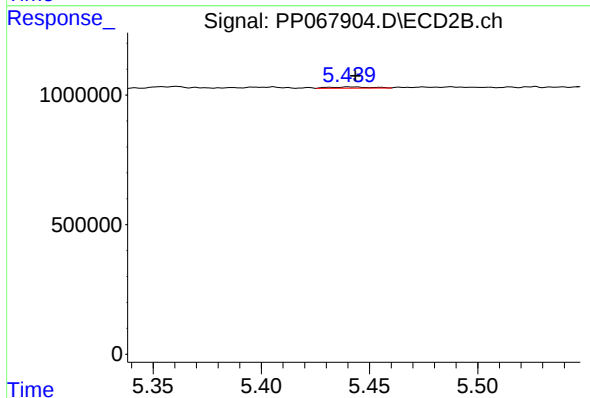
R.T.: 5.404 min
Delta R.T.: 0.004 min
Response: 95832
Conc: 2.90 ng/ml



#23 AR-1248-3

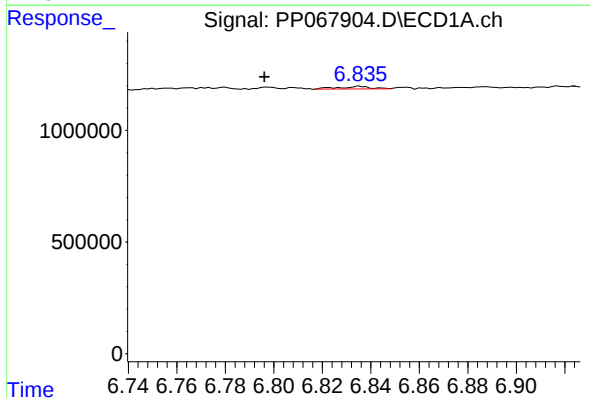
R.T.: 0.000 min
Exp R.T.: 6.396 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
LOQ-SOIL-02-QT4-2024



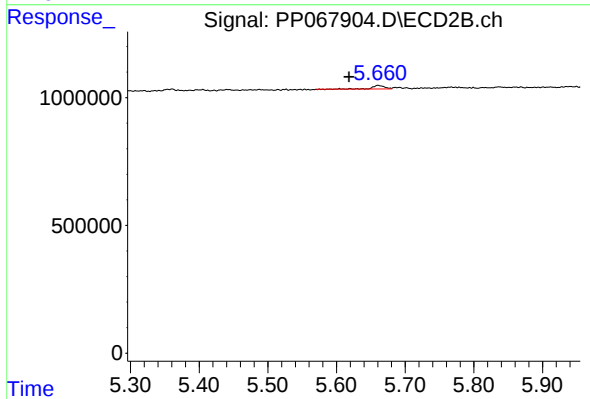
#23 AR-1248-3

R.T.: 5.442 min
Delta R.T.: -0.002 min
Response: 67036
Conc: 1.94 ng/ml



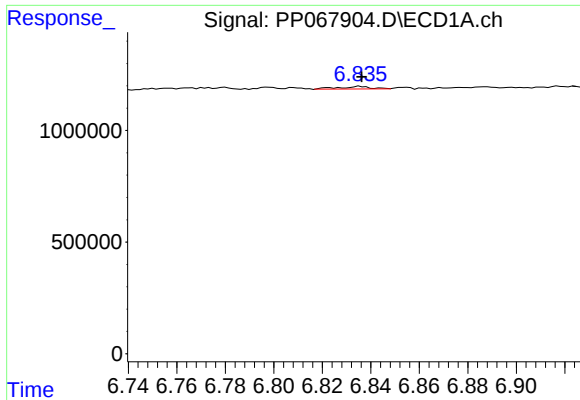
#24 AR-1248-4

R.T.: 6.836 min
Delta R.T.: 0.040 min
Response: 106550
Conc: 2.63 ng/ml



#24 AR-1248-4

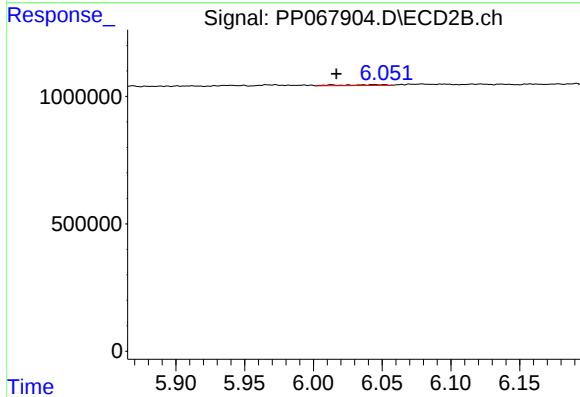
R.T.: 5.661 min
Delta R.T.: 0.043 min
Response: 181717
Conc: 4.44 ng/ml



#25 AR-1248-5

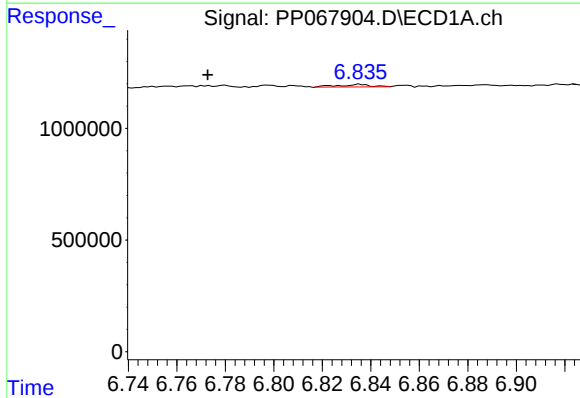
R.T.: 6.836 min
Delta R.T.: 0.000 min
Response: 106550
Conc: 2.69 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOQ-SOIL-02-QT4-2024



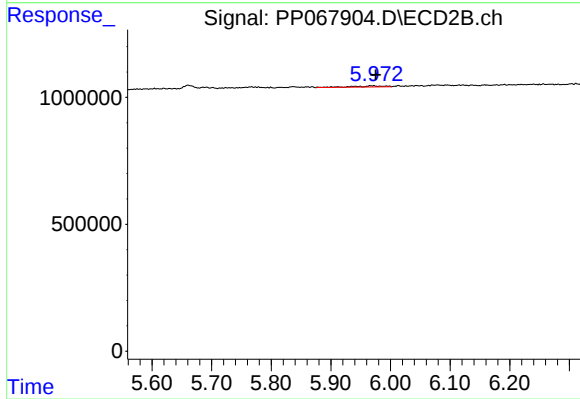
#25 AR-1248-5

R.T.: 6.045 min
Delta R.T.: 0.029 min
Response: 73192
Conc: 1.95 ng/ml



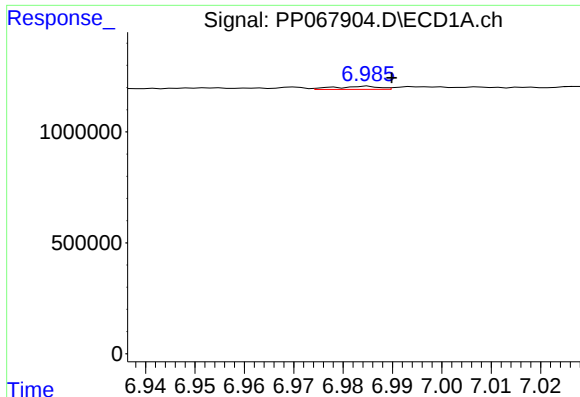
#26 AR-1254-1

R.T.: 6.836 min
Delta R.T.: 0.063 min
Response: 106550
Conc: 2.38 ng/ml



#26 AR-1254-1

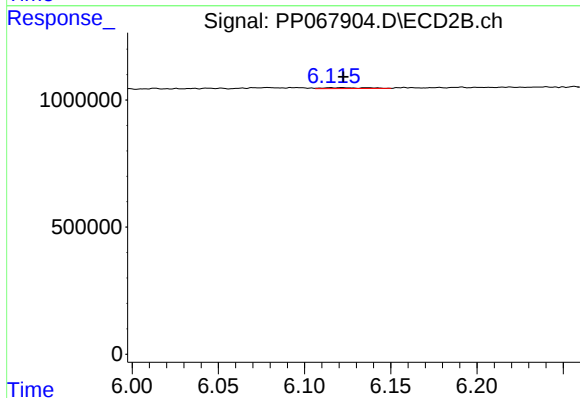
R.T.: 5.969 min
Delta R.T.: -0.007 min
Response: 163601
Conc: 2.77 ng/ml



#27 AR-1254-2

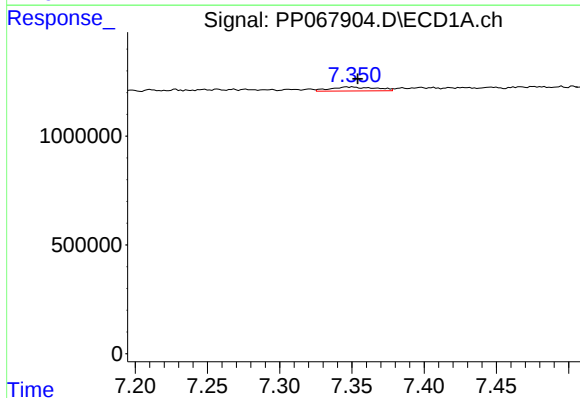
R.T.: 6.985 min
Delta R.T.: -0.005 min
Response: 87386
Conc: 1.32 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOQ-SOIL-02-QT4-2024



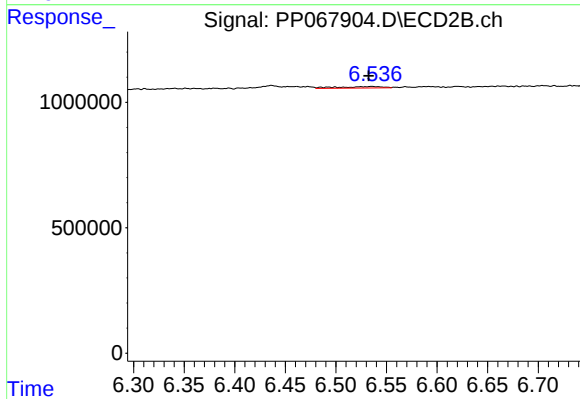
#27 AR-1254-2

R.T.: 6.121 min
Delta R.T.: -0.002 min
Response: 55428
Conc: 1.06 ng/ml



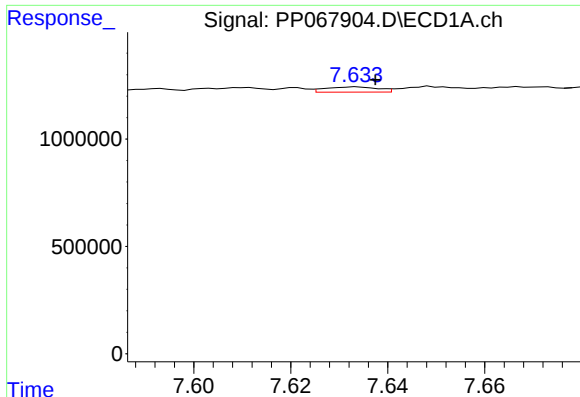
#28 AR-1254-3

R.T.: 7.350 min
Delta R.T.: -0.004 min
Response: 407004
Conc: 5.86 ng/ml



#28 AR-1254-3

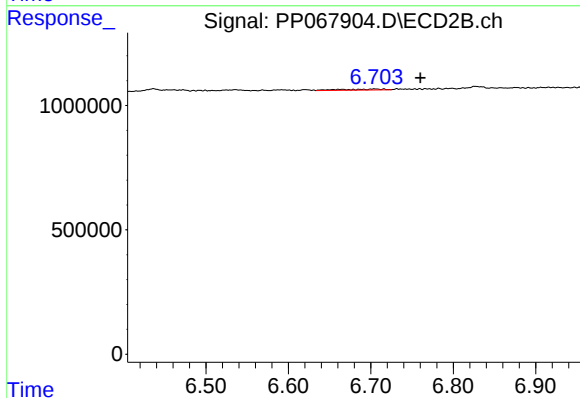
R.T.: 6.535 min
Delta R.T.: 0.003 min
Response: 186348
Conc: 2.24 ng/ml



#29 AR-1254-4

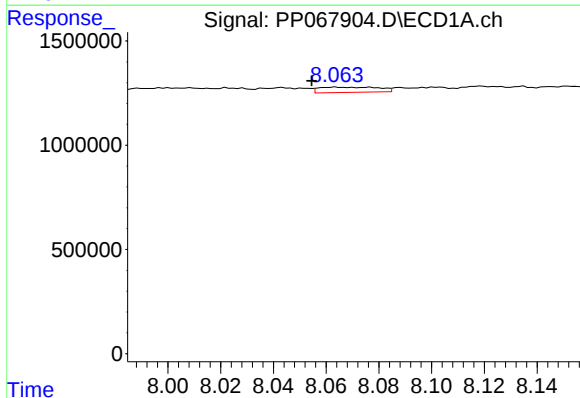
R.T.: 7.634 min
Delta R.T.: -0.004 min
Response: 181429
Conc: 3.64 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOQ-SOIL-02-QT4-2024



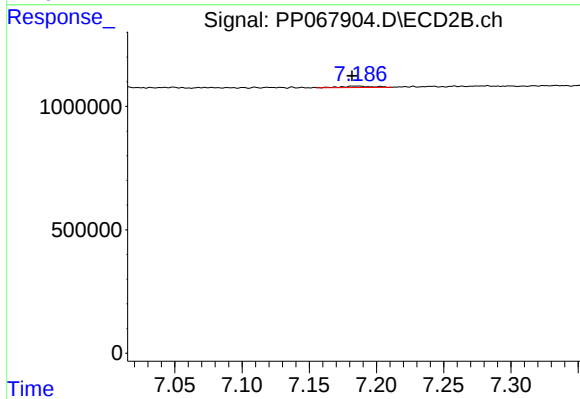
#29 AR-1254-4

R.T.: 6.704 min
Delta R.T.: -0.056 min
Response: 134089
Conc: 2.78 ng/ml



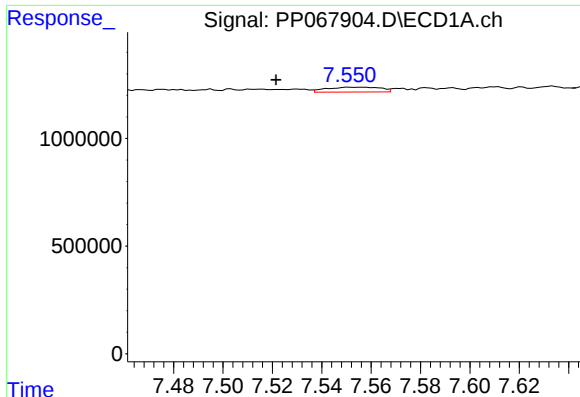
#30 AR-1254-5

R.T.: 8.064 min
Delta R.T.: 0.009 min
Response: 398985
Conc: 6.73 ng/ml



#30 AR-1254-5

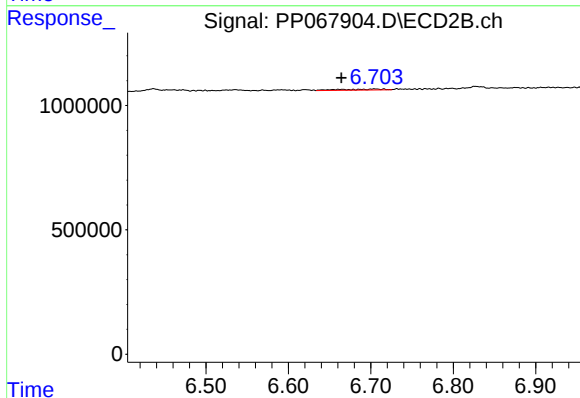
R.T.: 7.185 min
Delta R.T.: 0.003 min
Response: 93423
Conc: 1.27 ng/ml



#31 AR-1260-1

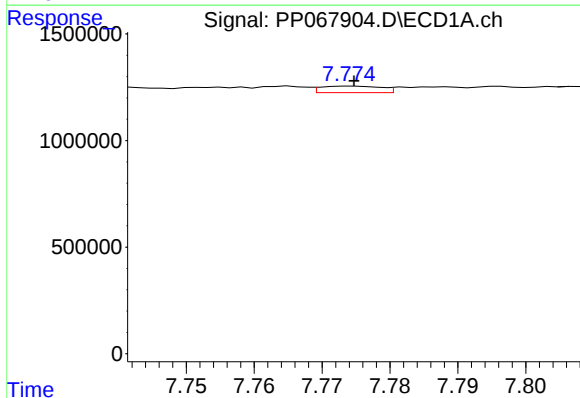
R.T.: 7.551 min
Delta R.T.: 0.030 min
Response: 345045
Conc: 6.39 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOQ-SOIL-02-QT4-2024



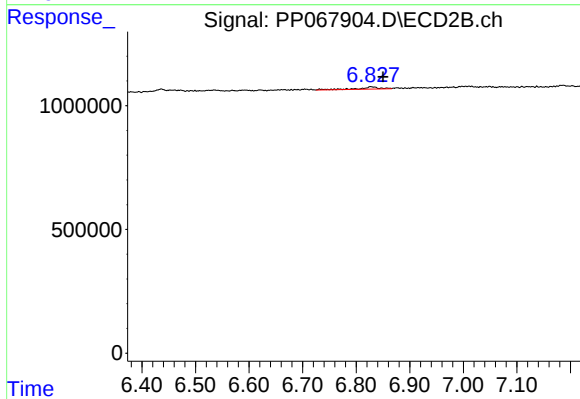
#31 AR-1260-1

R.T.: 6.704 min
Delta R.T.: 0.040 min
Response: 134089
Conc: 2.35 ng/ml



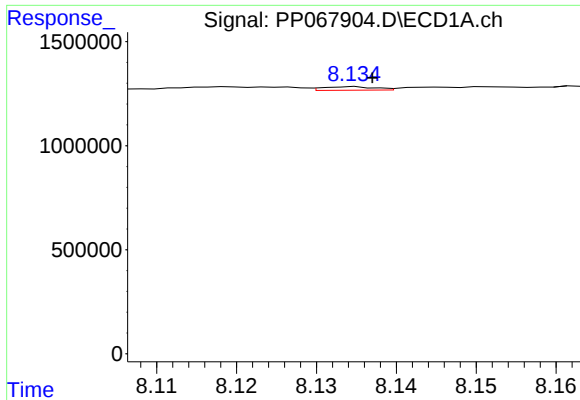
#32 AR-1260-2

R.T.: 7.774 min
Delta R.T.: 0.000 min
Response: 189457
Conc: 2.99 ng/ml



#32 AR-1260-2

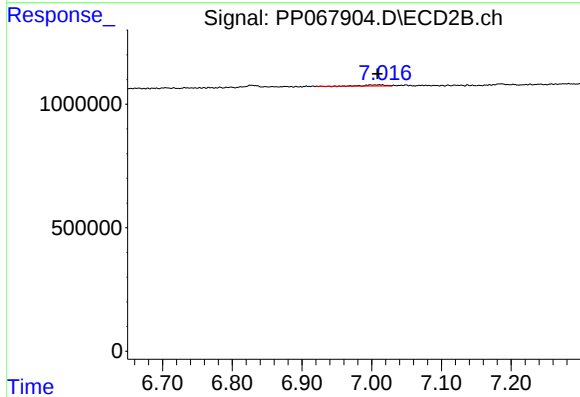
R.T.: 6.828 min
Delta R.T.: -0.022 min
Response: 242470
Conc: 3.63 ng/ml



#33 AR-1260-3

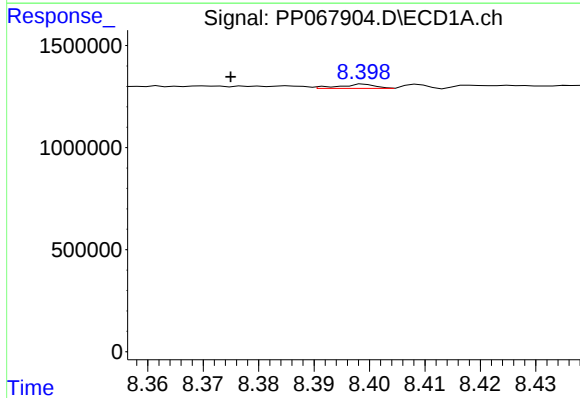
R.T.: 8.135 min
Delta R.T.: -0.002 min
Response: 74897
Conc: 1.44 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOQ-SOIL-02-QT4-2024



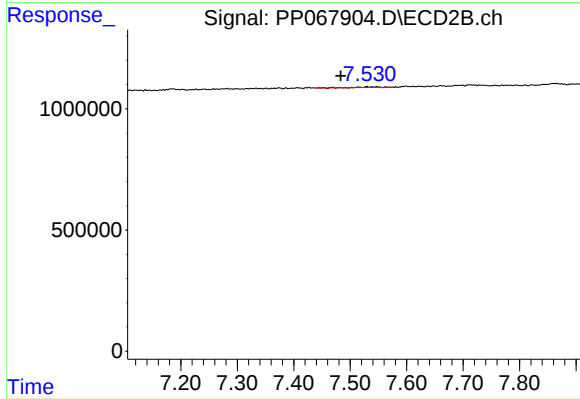
#33 AR-1260-3

R.T.: 7.011 min
Delta R.T.: 0.003 min
Response: 97009
Conc: 1.52 ng/ml



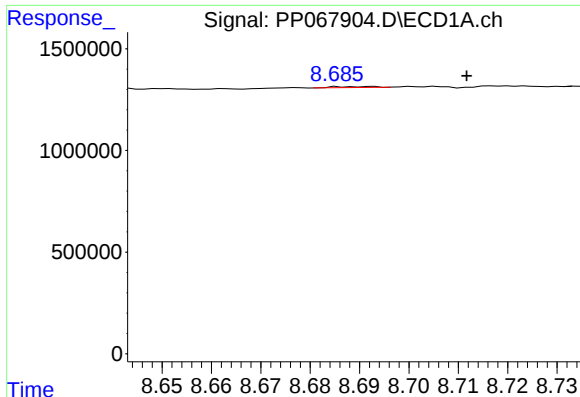
#34 AR-1260-4

R.T.: 8.399 min
Delta R.T.: 0.024 min
Response: 96481
Conc: 1.60 ng/ml



#34 AR-1260-4

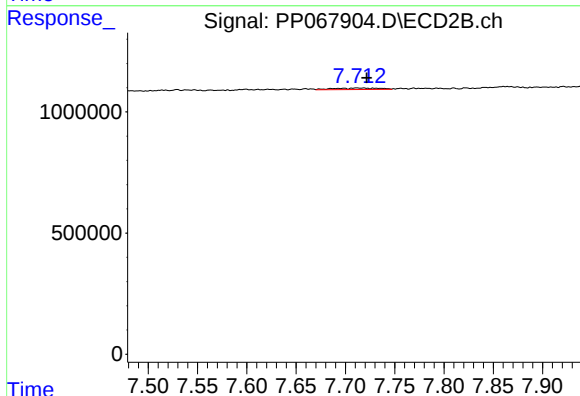
R.T.: 7.529 min
Delta R.T.: 0.046 min
Response: 79667
Conc: 1.44 ng/ml



#35 AR-1260-5

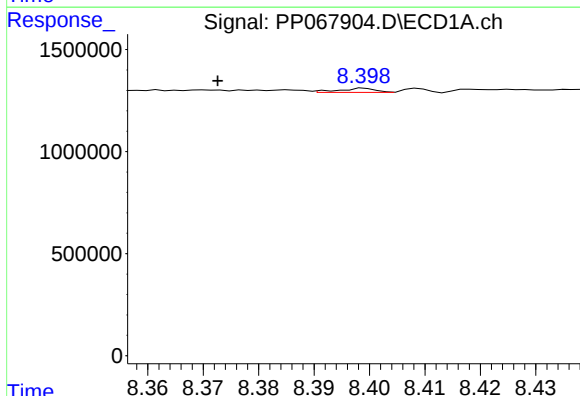
R.T.: 8.693 min
Delta R.T.: -0.019 min
Response: 27056
Conc: 0.25 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOQ-SOIL-02-QT4-2024



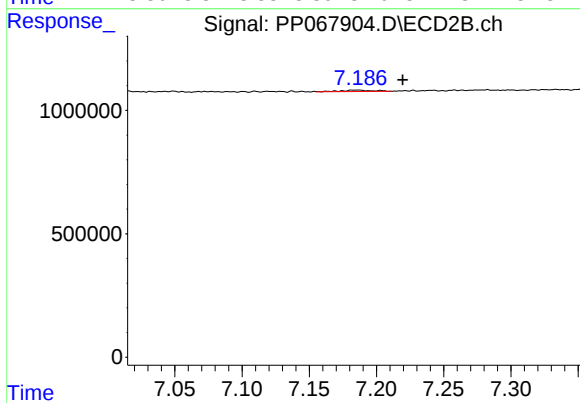
#35 AR-1260-5

R.T.: 7.712 min
Delta R.T.: -0.009 min
Response: 204680
Conc: 1.67 ng/ml



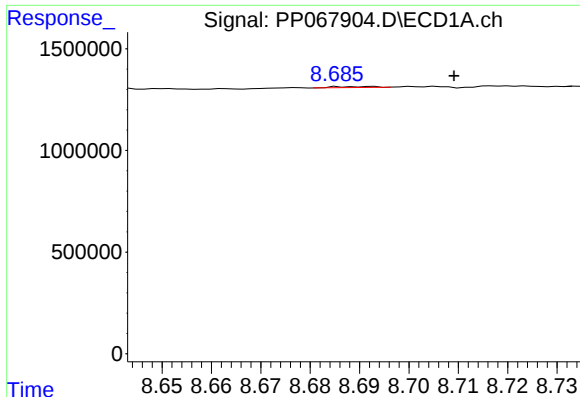
#36 AR-1262-1

R.T.: 8.399 min
Delta R.T.: 0.027 min
Response: 96481
Conc: 1.34 ng/ml



#36 AR-1262-1

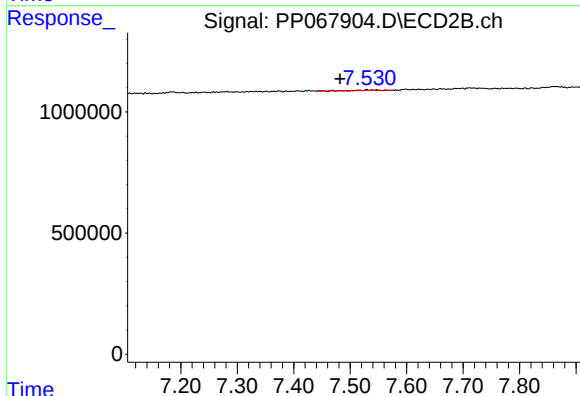
R.T.: 7.185 min
Delta R.T.: -0.034 min
Response: 93423
Conc: 1.19 ng/ml



#37 AR-1262-2

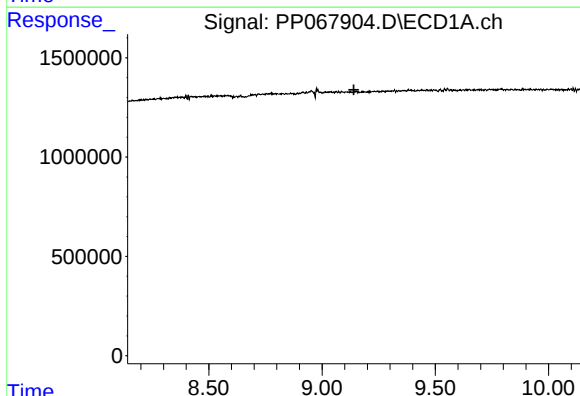
R.T.: 8.693 min
Delta R.T.: -0.017 min
Response: 27056
Conc: 0.22 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOQ-SOIL-02-QT4-2024



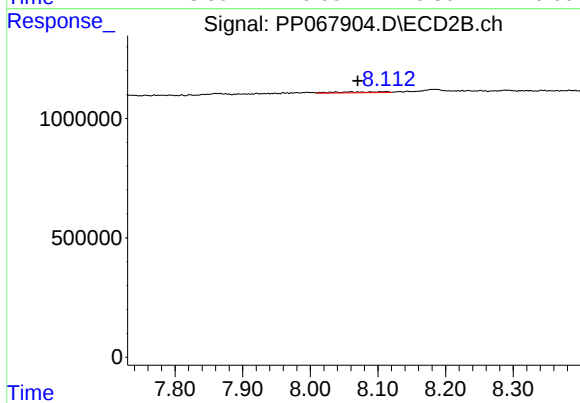
#37 AR-1262-2

R.T.: 7.529 min
Delta R.T.: 0.047 min
Response: 79667
Conc: 1.12 ng/ml



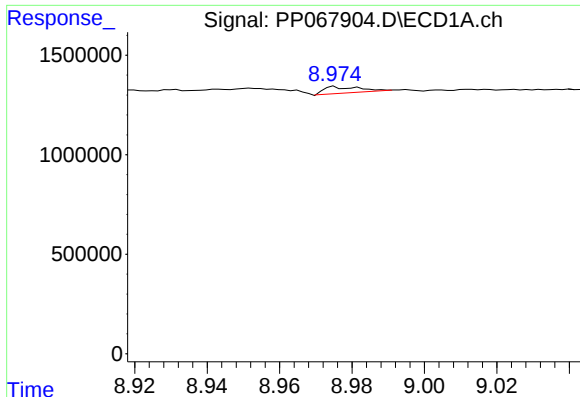
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 9.140 min
Response: 0
Conc: N.D.



#39 AR-1262-4

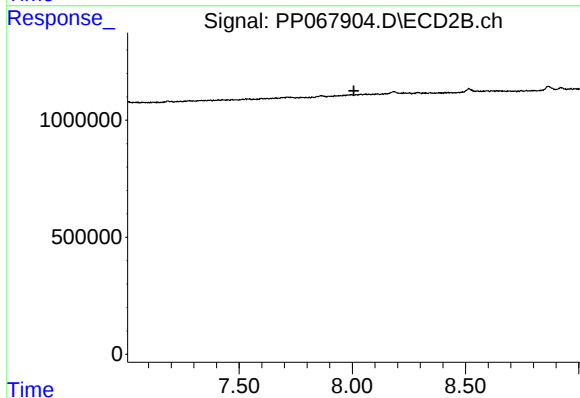
R.T.: 8.112 min
Delta R.T.: 0.042 min
Response: 190129
Conc: 1.89 ng/ml



#41 AR-1268-1

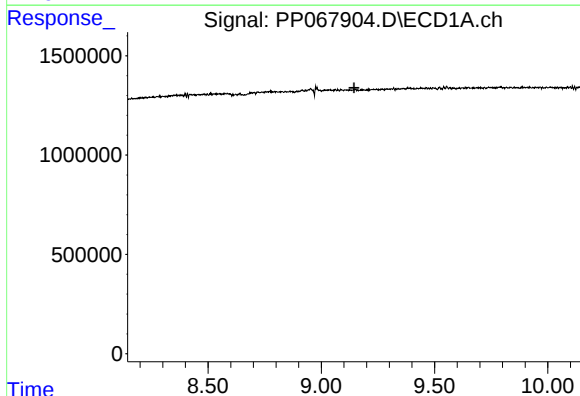
R.T.: 8.975 min
Delta R.T.: -0.068 min
Response: 214108
Conc: 1.40 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOQ-SOIL-02-QT4-2024



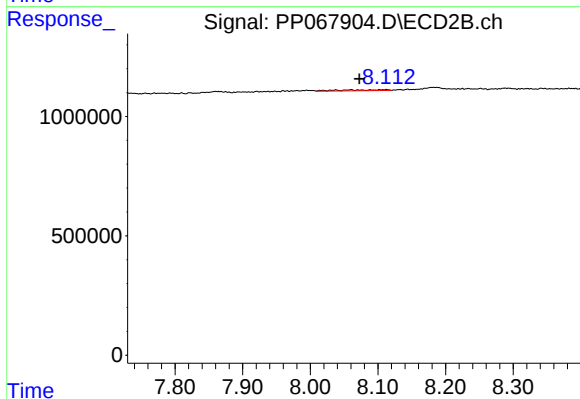
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 8.007 min
Response: 0
Conc: N.D.



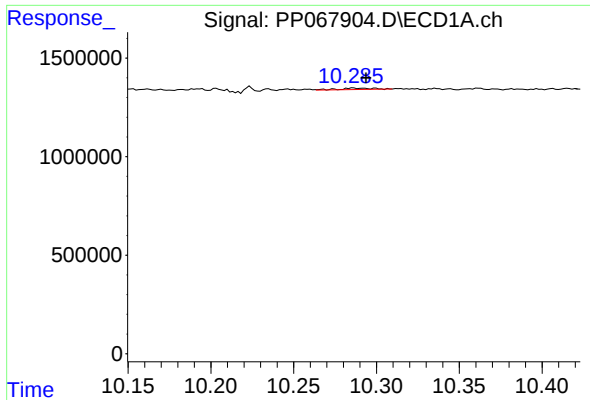
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 9.144 min
Response: 0
Conc: N.D.



#42 AR-1268-2

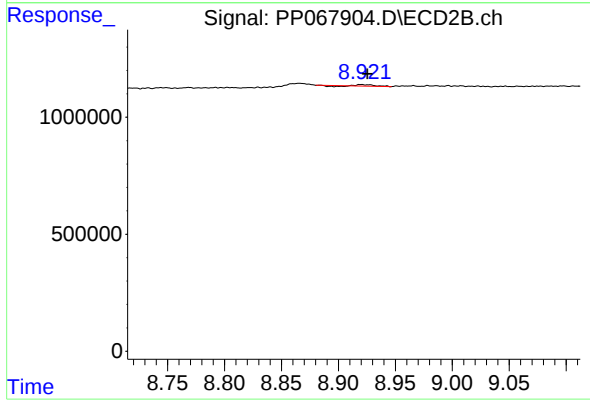
R.T.: 8.112 min
Delta R.T.: 0.039 min
Response: 190129
Conc: 1.33 ng/ml



#45 AR-1268-5

R.T.: 10.286 min
Delta R.T.: -0.008 min
Response: 104906
Conc: 0.28 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOQ-SOIL-02-QT4-2024



#45 AR-1268-5

R.T.: 8.921 min
Delta R.T.: -0.004 min
Response: 44545
Conc: 0.12 ng/ml