

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR071520\
 Data File : PR046222.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Jul 2020 22:19
 Operator : AJ\MA
 Sample : L3216-02
 Misc : AR1221 LOQ 50 PPB
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 LOQ-SOIL-02-QT3-2020

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 16 04:28:15 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR071520.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jul 16 04:01:55 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...	4.766	3.989	38020042	273.0E6	20.669	22.187
2)	SA Decachlor...	10.767	9.115	43575606	371.0E6	22.045	23.964
Target Compounds							
3)	L1 AR-1016-1	5.953	5.089	221051	2412859	3.154	4.868 #
4)	L1 AR-1016-2	5.981	5.108	285683	2847944	2.890	4.145 #
5)	L1 AR-1016-3	6.043	0.000	283927	0	4.774	N.D. #
6)	L1 AR-1016-4	6.144	5.329	191573	1252313	3.842	4.659
7)	L1 AR-1016-5	6.430	0.000	295319	0	6.005	N.D. #
8)	L2 AR-1221-1	4.979	4.202	1024509	20141309	51.820	140.704 #
9)	L2 AR-1221-2	5.073	4.291	1161697	10182317	79.133	106.971 #
10)	L2 AR-1221-3	5.148	4.367	2310362	19395000	49.234	61.623 #
11)	L3 AR-1232-1	5.148	4.367	2310362	19395000	60.368	72.097
12)	L3 AR-1232-2	5.689	5.108	242337	2847944	12.525	10.159
13)	L3 AR-1232-3	5.981	0.000	285683	0	7.165	N.D. #
14)	L3 AR-1232-4	6.144	0.000	191573	0	9.614	N.D. #
15)	L3 AR-1232-5	6.235	0.000	99110	0	6.572	N.D. #
16)	L4 AR-1242-1	5.953	5.089	221051	2412859	4.089	6.344 #
17)	L4 AR-1242-2	5.981	5.108	285683	2847944	3.770	5.438 #
18)	L4 AR-1242-3	6.043	0.000	283927	0	6.207	N.D. #
19)	L4 AR-1242-4	6.144	0.000	191573	0	5.013	N.D. #
20)	L4 AR-1242-5	6.874	0.000	218771	0	4.944	N.D. #
21)	L5 AR-1248-1	5.953	5.089	221051	2412859	5.487	8.367 #
22)	L5 AR-1248-2	6.235	5.329	99110	1252313	1.817	3.549 #
23)	L5 AR-1248-3	6.430	0.000	295319	0	4.758	N.D. #
24)	L5 AR-1248-4	6.824f	0.000	526006	0	7.140	N.D. #
25)	L5 AR-1248-5	6.874	0.000	218771	0	3.115	N.D. #
26)	L6 AR-1254-1	6.824	0.000	526006	0	6.813	N.D. #
27)	L6 AR-1254-2	7.047	0.000	91345	0	0.747	N.D. #
28)	L6 AR-1254-3	7.430f	0.000	120972	0	0.902	N.D. #
29)	L6 AR-1254-4	7.685	0.000	242831	0	2.365	N.D. #
30)	L6 AR-1254-5	8.087f	0.000	104626	0	0.941	N.D. #
31)	L7 AR-1260-1	7.548f	0.000	104988	0	1.129	N.D. #
33)	L7 AR-1260-3	8.169f	0.000	368291	0	4.100	N.D. #
34)	L7 AR-1260-4	8.419	0.000	161325	0	1.550	N.D. #
35)	L7 AR-1260-5	8.759f	0.000	269469	0	1.250	N.D. #
36)	L8 AR-1262-1	8.169f	0.000	368291	0	3.024	N.D. #
37)	L8 AR-1262-2	8.759f	0.000	269469	0	1.190	N.D. #
38)	L8 AR-1262-3	9.125	0.000	380999	0	3.902	N.D. #
39)	L8 AR-1262-4	9.198f	0.000	133121	0	1.167	N.D. #
41)	L9 AR-1268-1	9.125	0.000	380999	0	1.273	N.D. #
42)	L9 AR-1268-2	9.198f	0.000	133121	0	0.479	N.D. #
43)	L9 AR-1268-3	9.466	8.209	503338	6215750	2.193	3.095 #

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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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
45) L9	AR-1268-5	10.399	8.832	772000	3035031	0.988	0.479 #

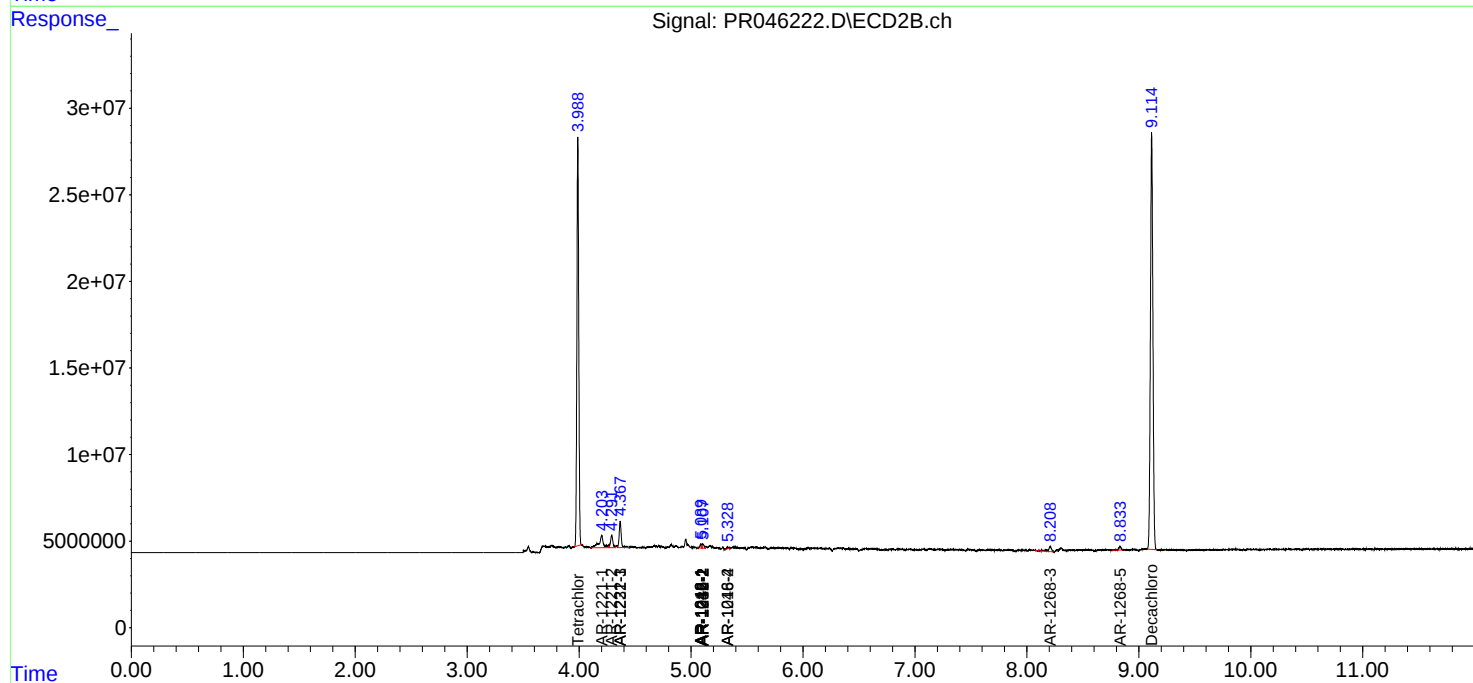
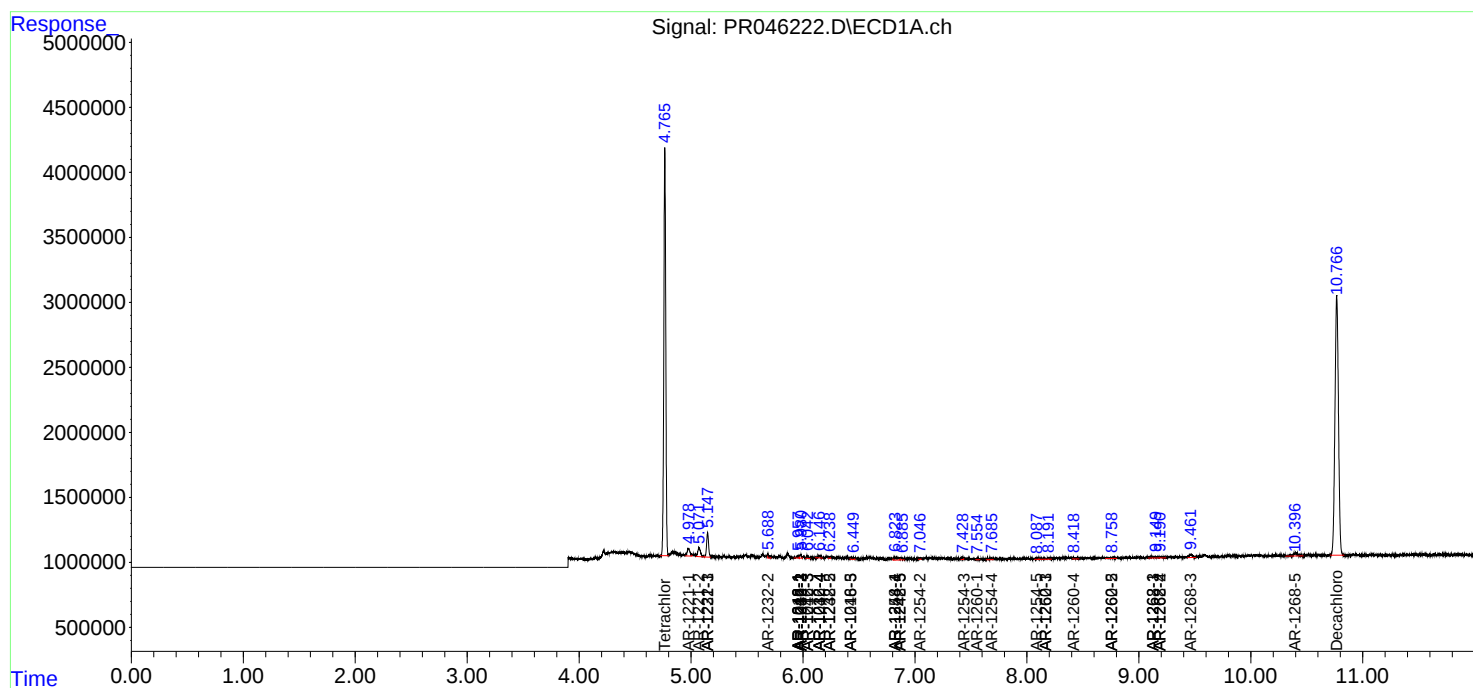
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

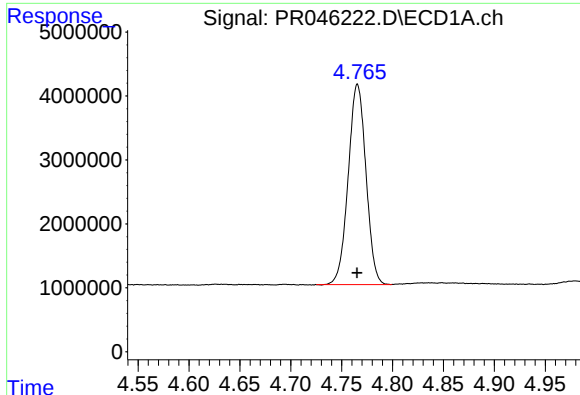
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR071520\
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Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm

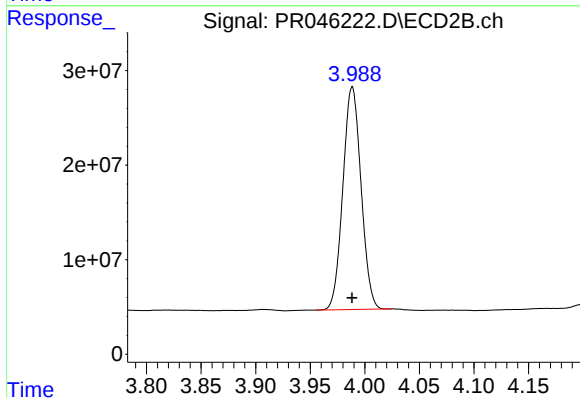




#1 Tetrachloro-m-xylene

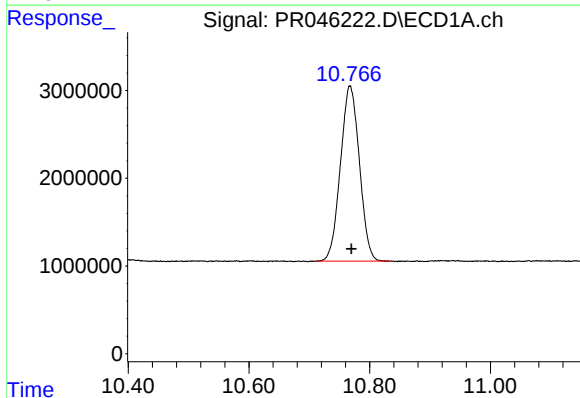
R.T.: 4.766 min
Delta R.T.: 0.000 min
Response: 38020042
Conc: 20.67 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOQ-SOIL-02-QT3-2020



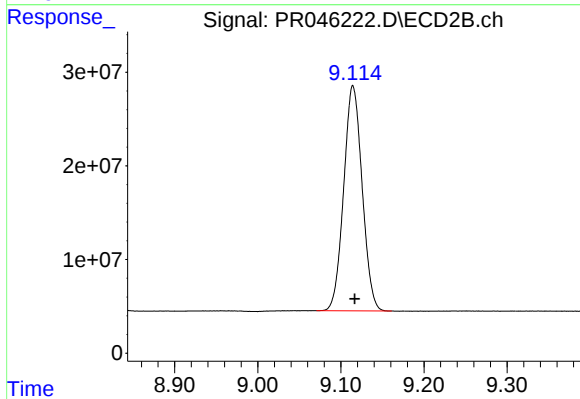
#1 Tetrachloro-m-xylene

R.T.: 3.989 min
Delta R.T.: 0.000 min
Response: 273039278
Conc: 22.19 ng/ml



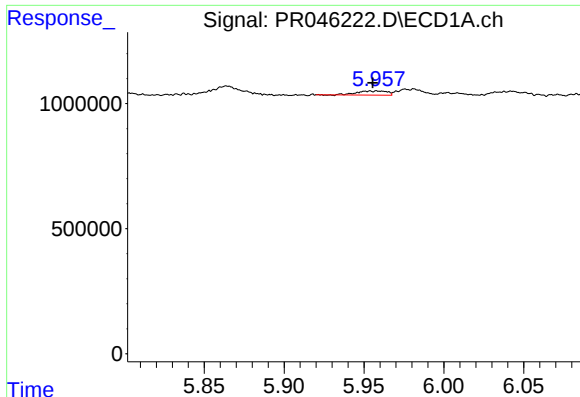
#2 Decachlorobiphenyl

R.T.: 10.767 min
Delta R.T.: -0.002 min
Response: 43575606
Conc: 22.05 ng/ml



#2 Decachlorobiphenyl

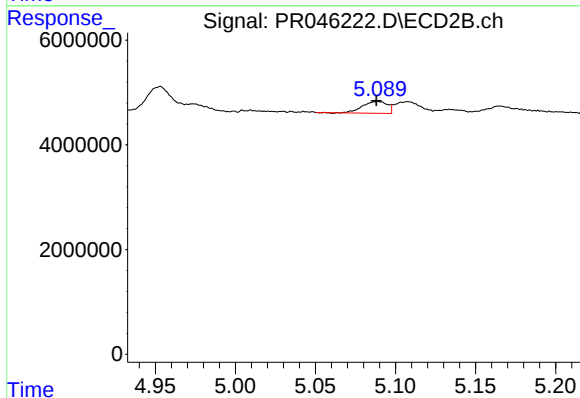
R.T.: 9.115 min
Delta R.T.: -0.002 min
Response: 371046994
Conc: 23.96 ng/ml



#3 AR-1016-1

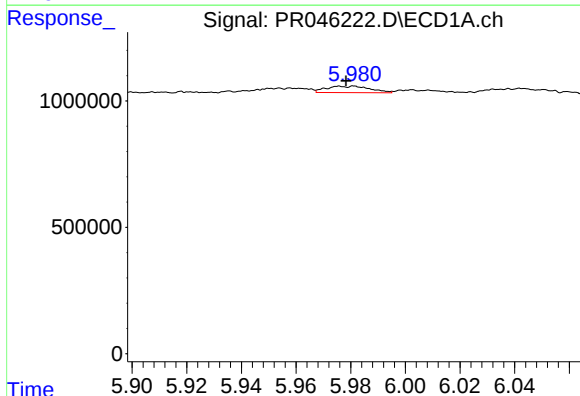
R.T.: 5.953 min
Delta R.T.: -0.002 min
Response: 221051
Conc: 3.15 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOQ-SOIL-02-QT3-2020



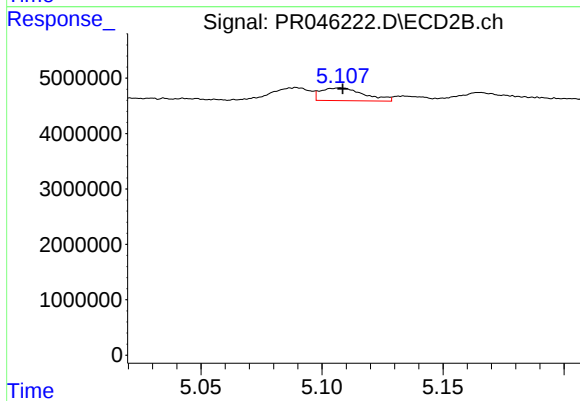
#3 AR-1016-1

R.T.: 5.089 min
Delta R.T.: 0.001 min
Response: 2412859
Conc: 4.87 ng/ml



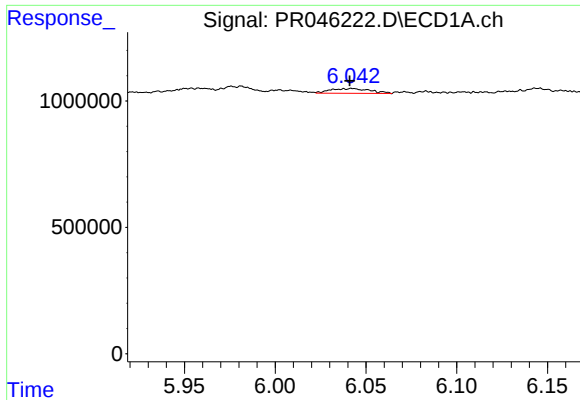
#4 AR-1016-2

R.T.: 5.981 min
Delta R.T.: 0.003 min
Response: 285683
Conc: 2.89 ng/ml



#4 AR-1016-2

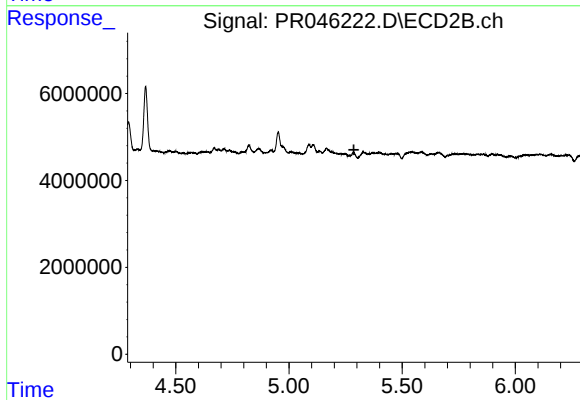
R.T.: 5.108 min
Delta R.T.: 0.000 min
Response: 2847944
Conc: 4.14 ng/ml



#5 AR-1016-3

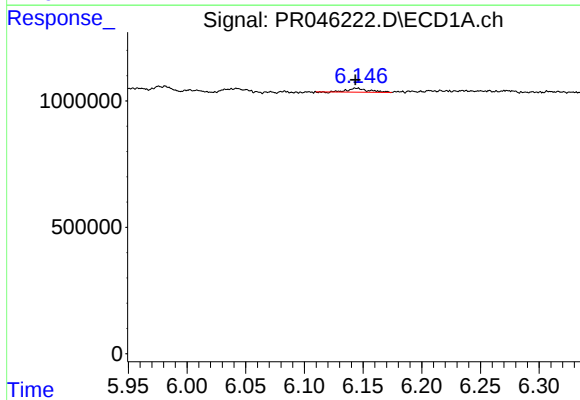
R.T.: 6.043 min
Delta R.T.: 0.002 min
Response: 283927
Conc: 4.77 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOQ-SOIL-02-QT3-2020



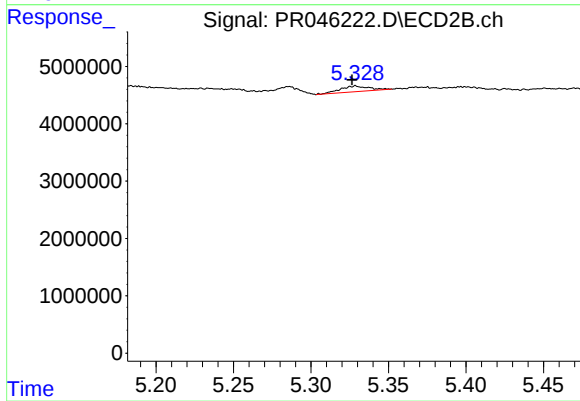
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 5.287 min
Response: 0
Conc: N.D.



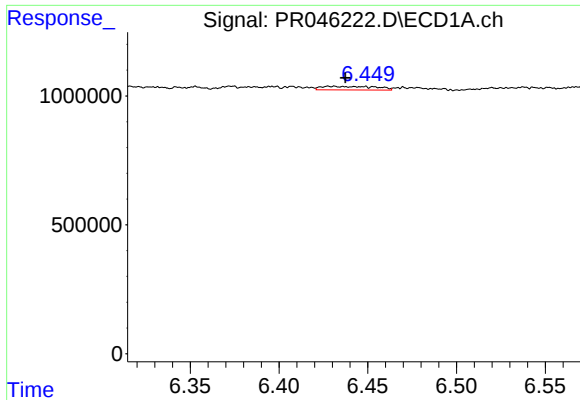
#6 AR-1016-4

R.T.: 6.144 min
Delta R.T.: 0.001 min
Response: 191573
Conc: 3.84 ng/ml



#6 AR-1016-4

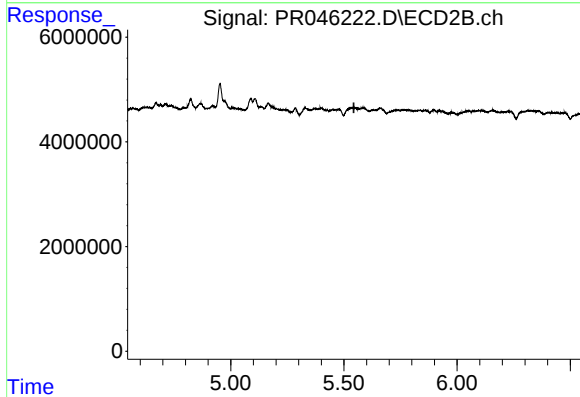
R.T.: 5.329 min
Delta R.T.: 0.002 min
Response: 1252313
Conc: 4.66 ng/ml



#7 AR-1016-5

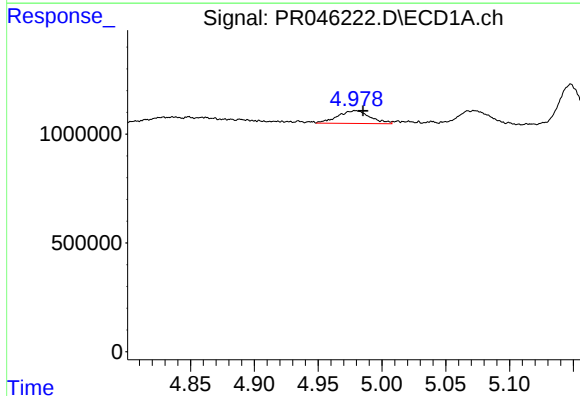
R.T.: 6.430 min
Delta R.T.: -0.007 min
Response: 295319
Conc: 6.00 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOQ-SOIL-02-QT3-2020



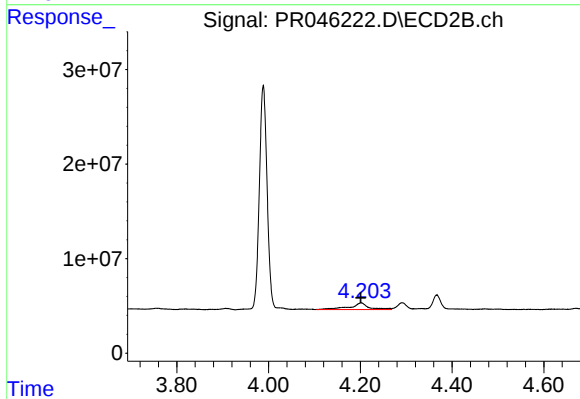
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 5.544 min
Response: 0
Conc: N.D.



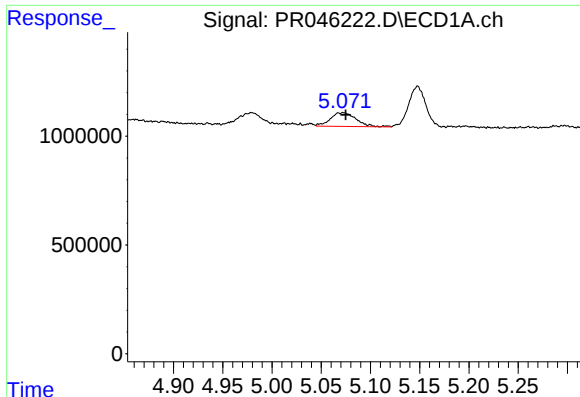
#8 AR-1221-1

R.T.: 4.979 min
Delta R.T.: -0.006 min
Response: 1024509
Conc: 51.82 ng/ml



#8 AR-1221-1

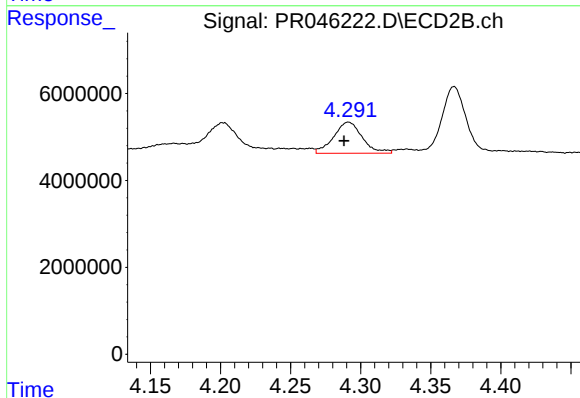
R.T.: 4.202 min
Delta R.T.: 0.001 min
Response: 20141309
Conc: 140.70 ng/ml



#9 AR-1221-2

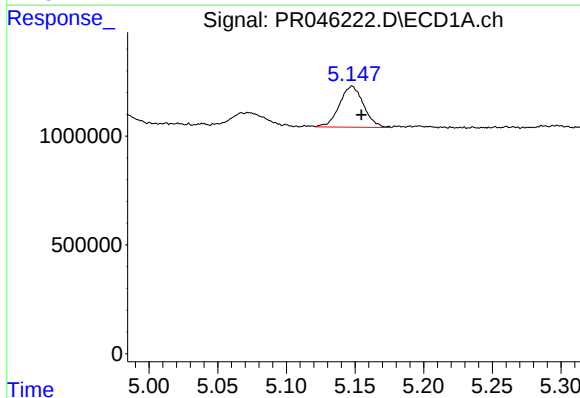
R.T.: 5.073 min
Delta R.T.: -0.002 min
Response: 1161697
Conc: 79.13 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOQ-SOIL-02-QT3-2020



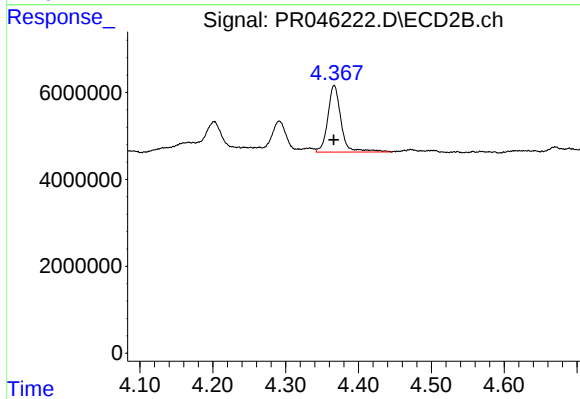
#9 AR-1221-2

R.T.: 4.291 min
Delta R.T.: 0.003 min
Response: 10182317
Conc: 106.97 ng/ml



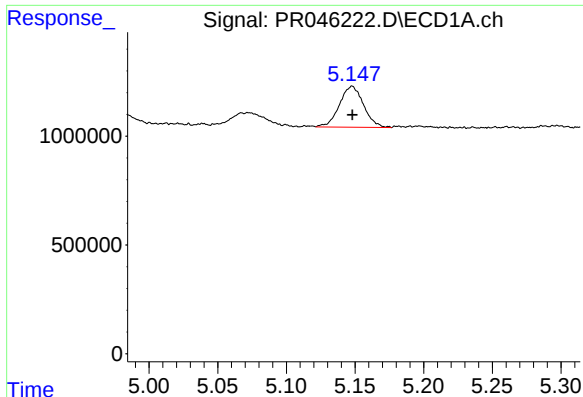
#10 AR-1221-3

R.T.: 5.148 min
Delta R.T.: -0.007 min
Response: 2310362
Conc: 49.23 ng/ml



#10 AR-1221-3

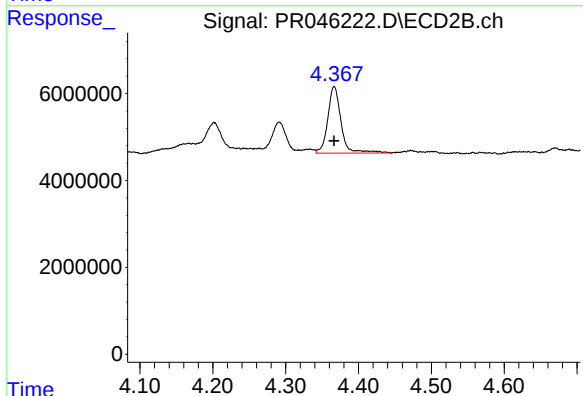
R.T.: 4.367 min
Delta R.T.: 0.000 min
Response: 19395000
Conc: 61.62 ng/ml



#11 AR-1232-1

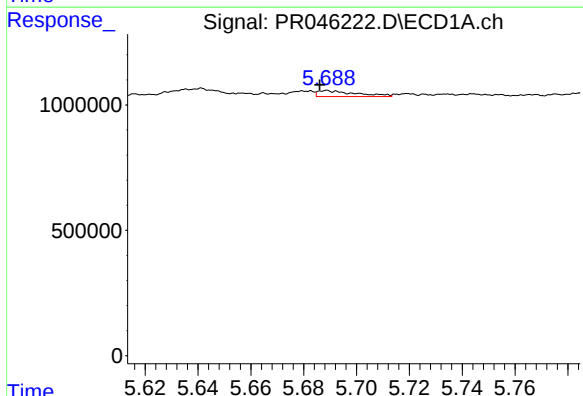
R.T.: 5.148 min
Delta R.T.: 0.000 min
Response: 2310362
Conc: 60.37 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOQ-SOIL-02-QT3-2020



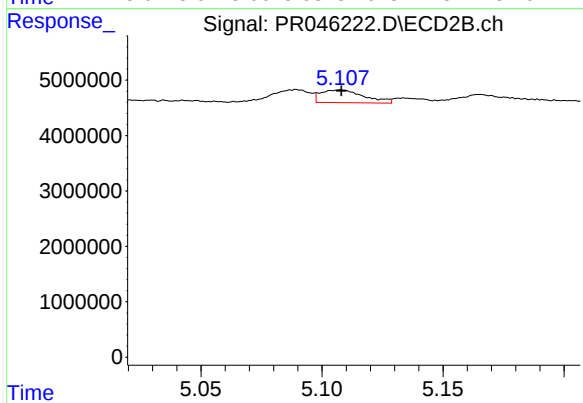
#11 AR-1232-1

R.T.: 4.367 min
Delta R.T.: 0.000 min
Response: 19395000
Conc: 72.10 ng/ml



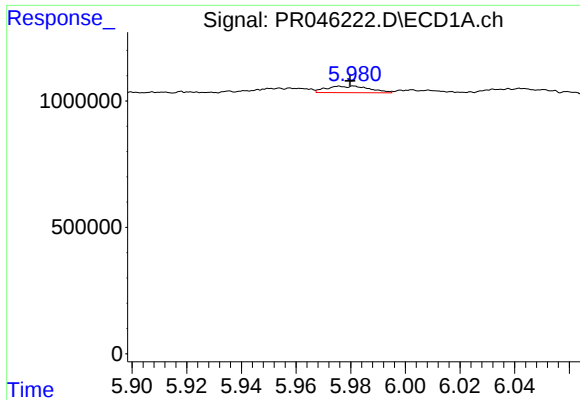
#12 AR-1232-2

R.T.: 5.689 min
Delta R.T.: 0.002 min
Response: 242337
Conc: 12.53 ng/ml



#12 AR-1232-2

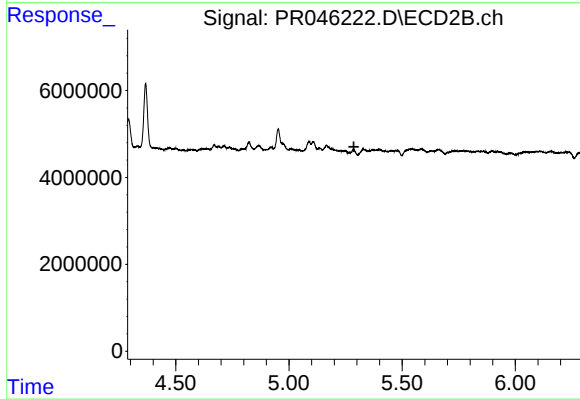
R.T.: 5.108 min
Delta R.T.: 0.000 min
Response: 2847944
Conc: 10.16 ng/ml



#13 AR-1232-3

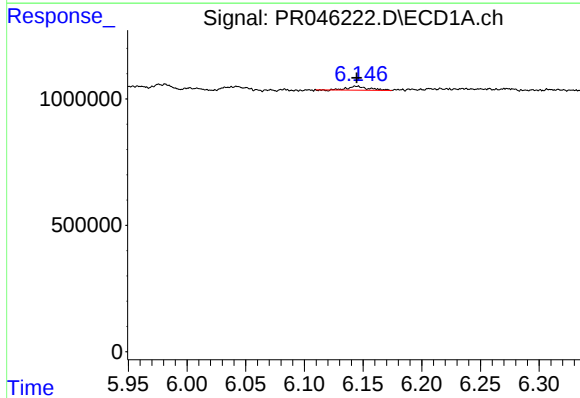
R.T.: 5.981 min
Delta R.T.: 0.001 min
Response: 285683
Conc: 7.17 ng/ml

Instrument :
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ClientSampleId :
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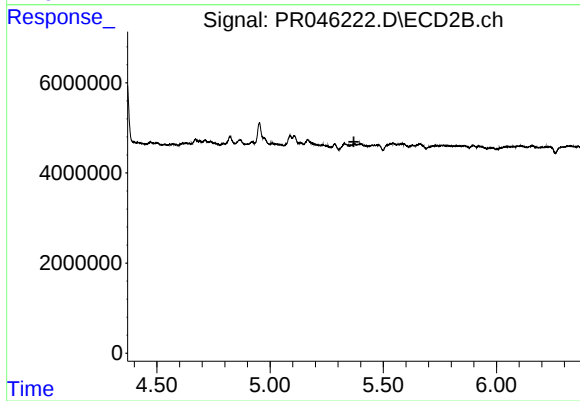
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 5.287 min
Response: 0
Conc: N.D.



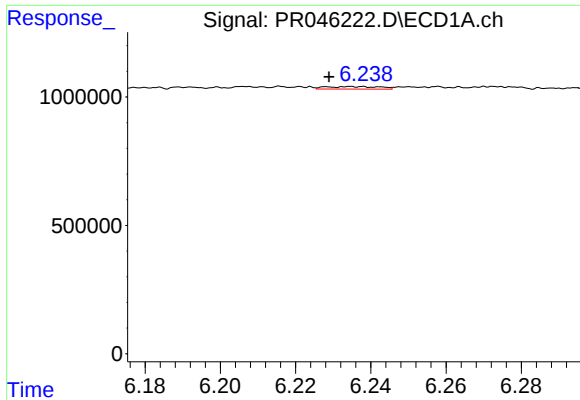
#14 AR-1232-4

R.T.: 6.144 min
Delta R.T.: 0.000 min
Response: 191573
Conc: 9.61 ng/ml



#14 AR-1232-4

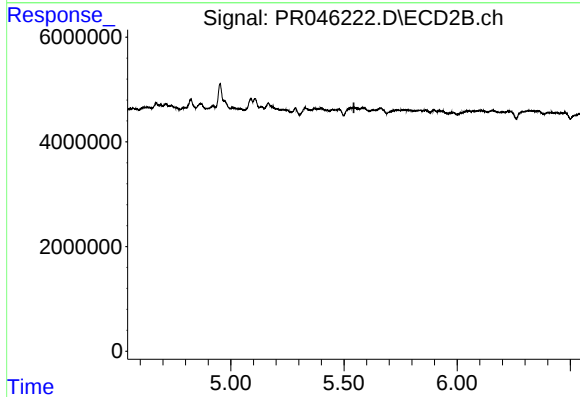
R.T.: 0.000 min
Exp R.T. : 5.370 min
Response: 0
Conc: N.D.



#15 AR-1232-5

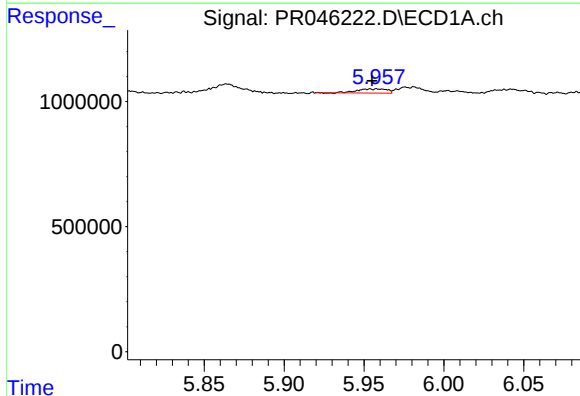
R.T.: 6.235 min
Delta R.T.: 0.006 min
Response: 99110
Conc: 6.57 ng/ml

Instrument :
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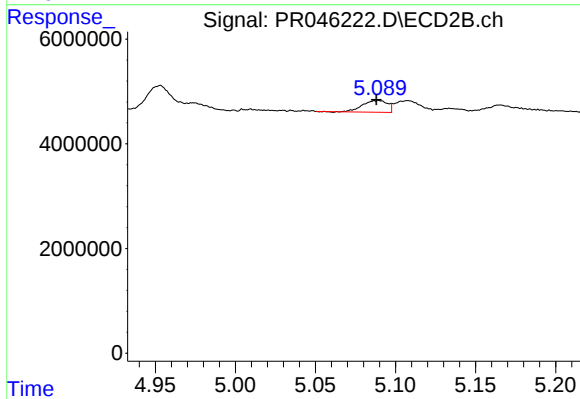
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 5.544 min
Response: 0
Conc: N.D.



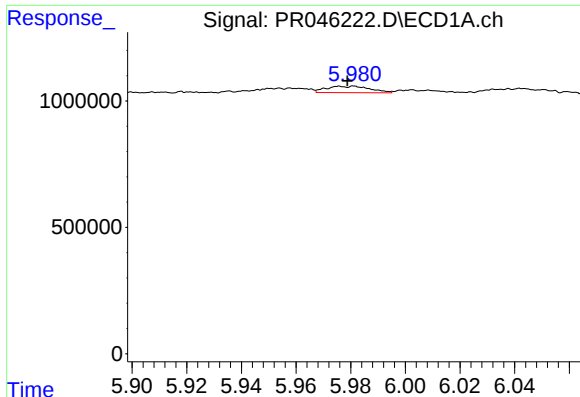
#16 AR-1242-1

R.T.: 5.953 min
Delta R.T.: -0.002 min
Response: 221051
Conc: 4.09 ng/ml



#16 AR-1242-1

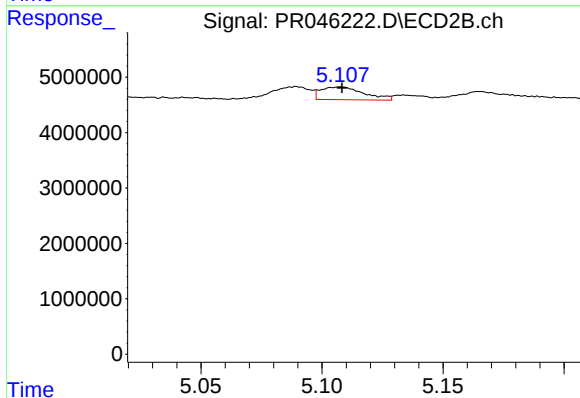
R.T.: 5.089 min
Delta R.T.: 0.001 min
Response: 2412859
Conc: 6.34 ng/ml



#17 AR-1242-2

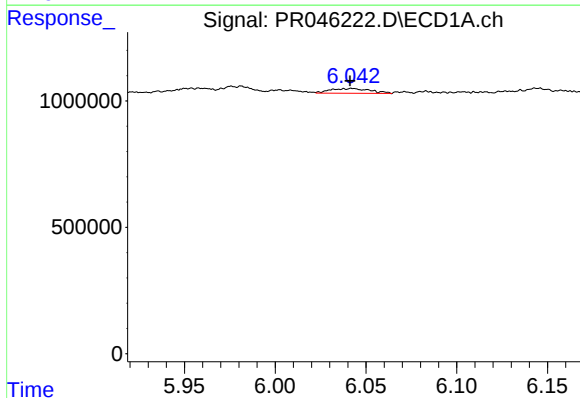
R.T.: 5.981 min
Delta R.T.: 0.002 min
Response: 285683
Conc: 3.77 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOQ-SOIL-02-QT3-2020



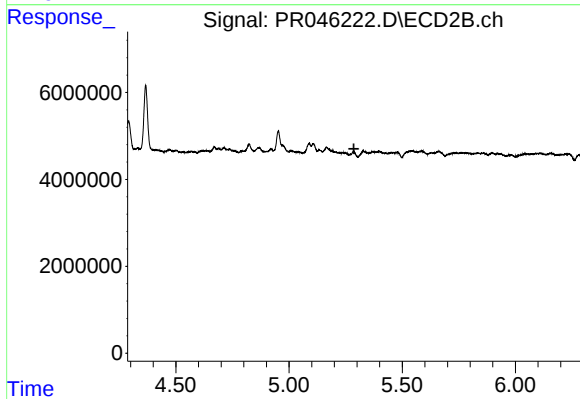
#17 AR-1242-2

R.T.: 5.108 min
Delta R.T.: 0.000 min
Response: 2847944
Conc: 5.44 ng/ml



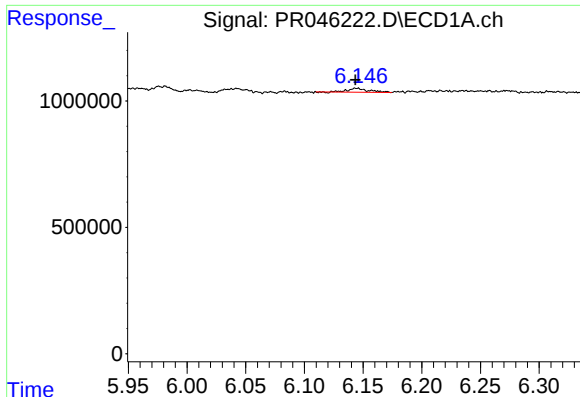
#18 AR-1242-3

R.T.: 6.043 min
Delta R.T.: 0.001 min
Response: 283927
Conc: 6.21 ng/ml



#18 AR-1242-3

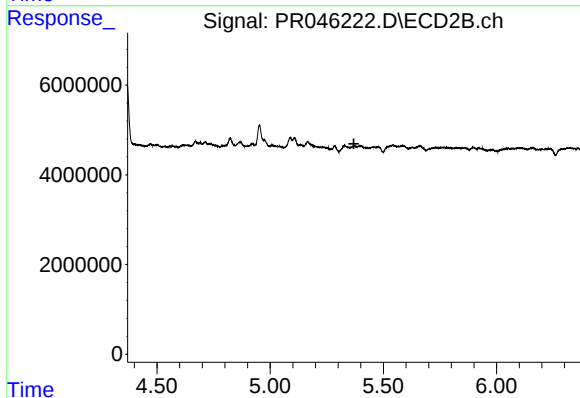
R.T.: 0.000 min
Exp R.T.: 5.287 min
Response: 0
Conc: N.D.



#19 AR-1242-4

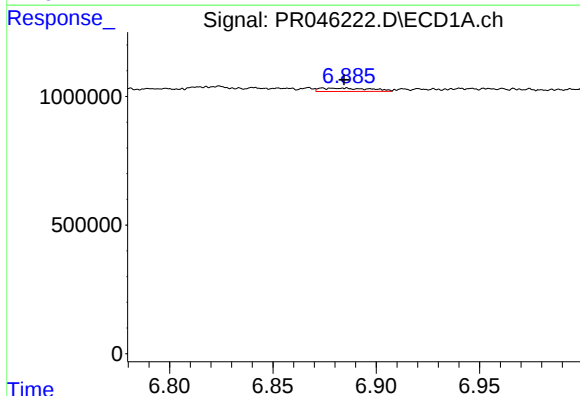
R.T.: 6.144 min
Delta R.T.: 0.000 min
Response: 191573
Conc: 5.01 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOQ-SOIL-02-QT3-2020



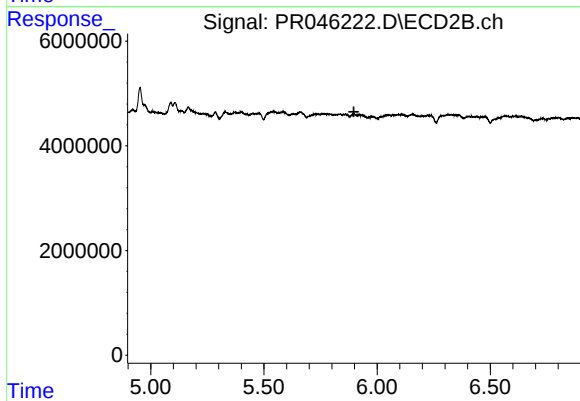
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 5.370 min
Response: 0
Conc: N.D.



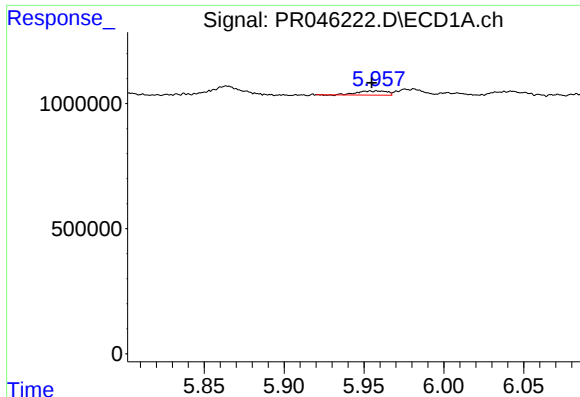
#20 AR-1242-5

R.T.: 6.874 min
Delta R.T.: -0.010 min
Response: 218771
Conc: 4.94 ng/ml



#20 AR-1242-5

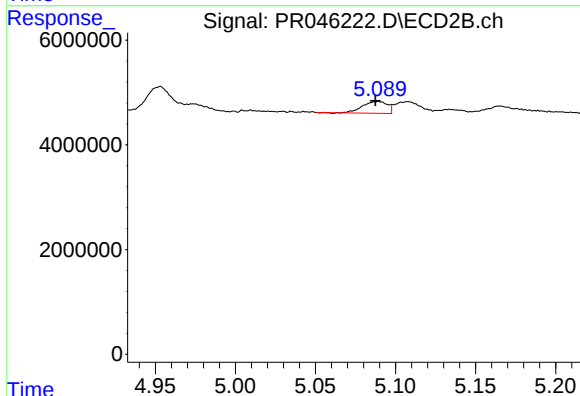
R.T.: 0.000 min
Exp R.T. : 5.898 min
Response: 0
Conc: N.D.



#21 AR-1248-1

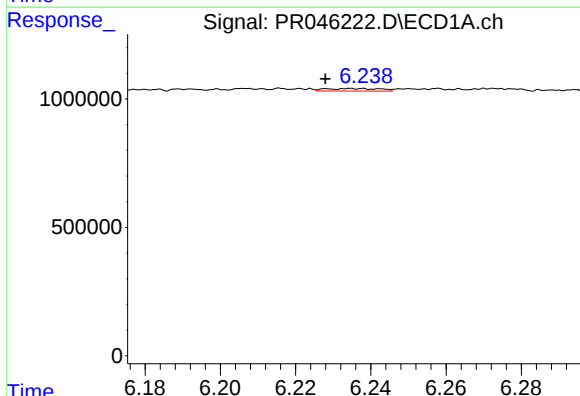
R.T.: 5.953 min
Delta R.T.: -0.002 min
Response: 221051
Conc: 5.49 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOQ-SOIL-02-QT3-2020



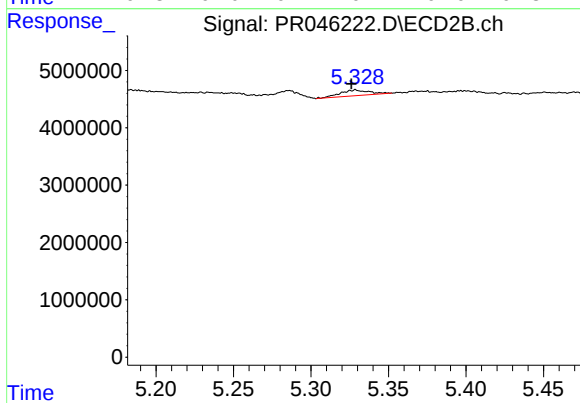
#21 AR-1248-1

R.T.: 5.089 min
Delta R.T.: 0.002 min
Response: 2412859
Conc: 8.37 ng/ml



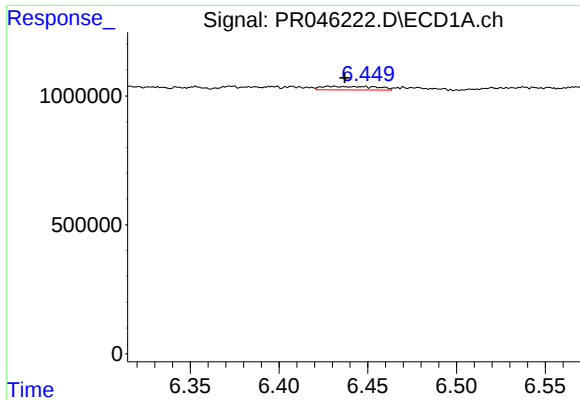
#22 AR-1248-2

R.T.: 6.235 min
Delta R.T.: 0.007 min
Response: 99110
Conc: 1.82 ng/ml



#22 AR-1248-2

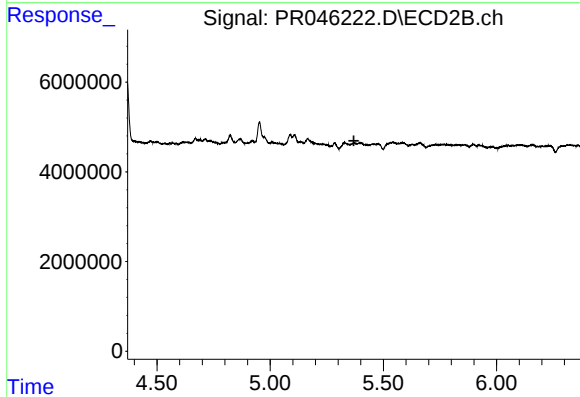
R.T.: 5.329 min
Delta R.T.: 0.002 min
Response: 1252313
Conc: 3.55 ng/ml



#23 AR-1248-3

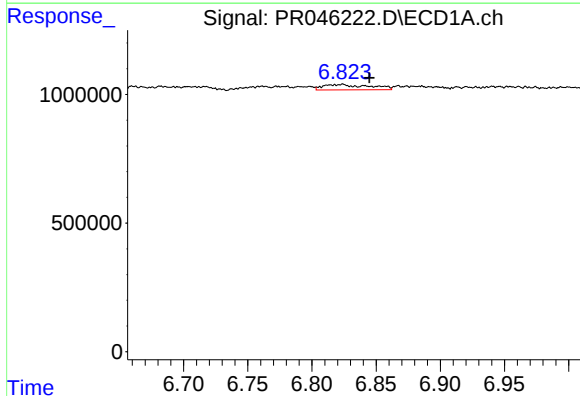
R.T.: 6.430 min
Delta R.T.: -0.006 min
Response: 295319
Conc: 4.76 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOQ-SOIL-02-QT3-2020



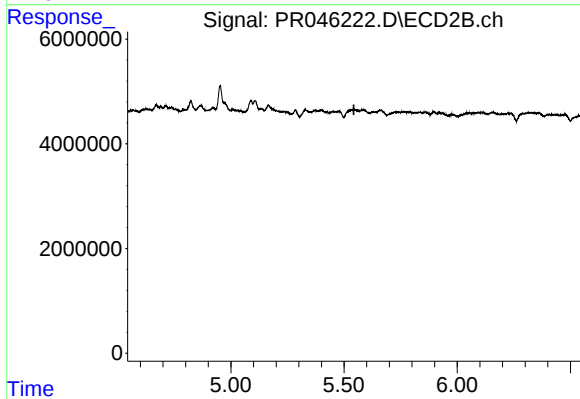
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 5.370 min
Response: 0
Conc: N.D.



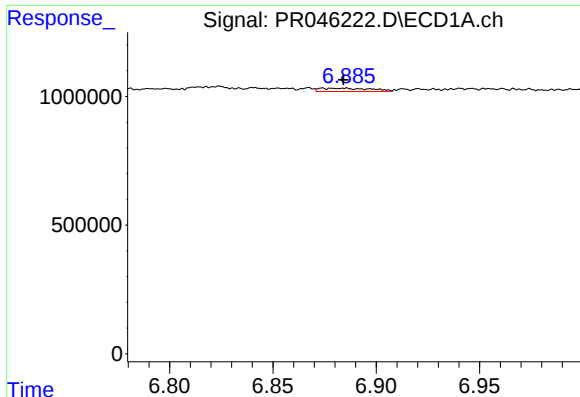
#24 AR-1248-4

R.T.: 6.824 min
Delta R.T.: -0.021 min
Response: 526006
Conc: 7.14 ng/ml



#24 AR-1248-4

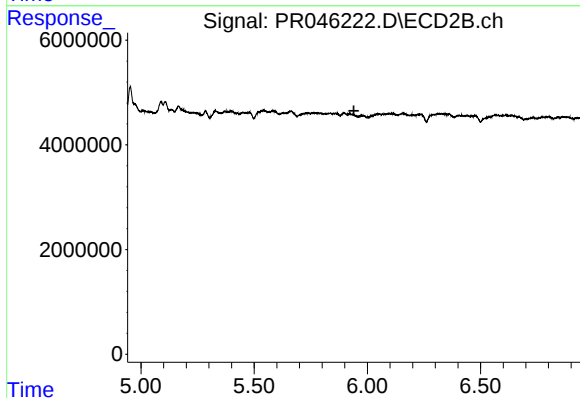
R.T.: 0.000 min
Exp R.T. : 5.544 min
Response: 0
Conc: N.D.



#25 AR-1248-5

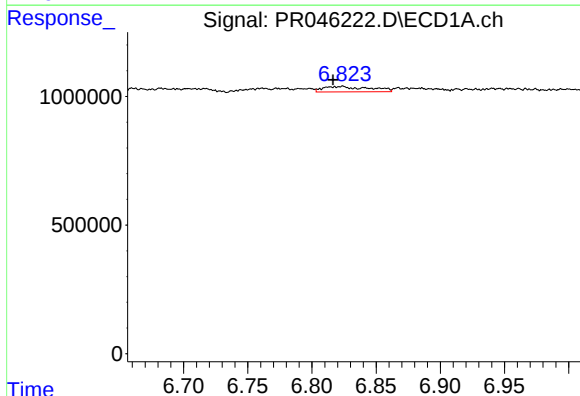
R.T.: 6.874 min
Delta R.T.: -0.010 min
Response: 218771
Conc: 3.11 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOQ-SOIL-02-QT3-2020



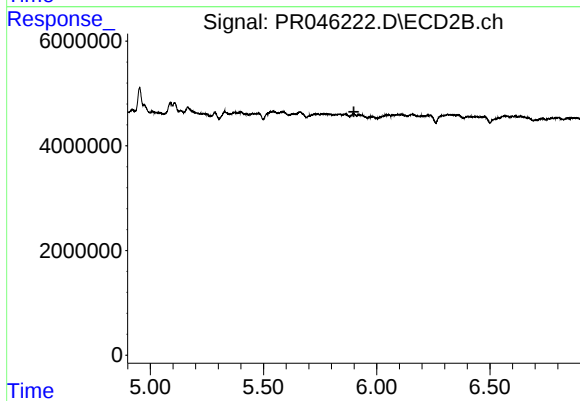
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T. : 5.940 min
Response: 0
Conc: N.D.



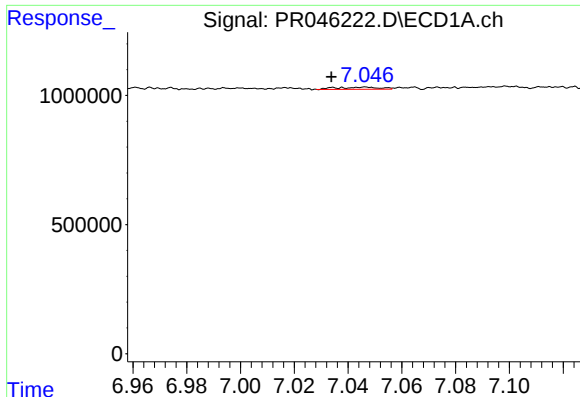
#26 AR-1254-1

R.T.: 6.824 min
Delta R.T.: 0.007 min
Response: 526006
Conc: 6.81 ng/ml



#26 AR-1254-1

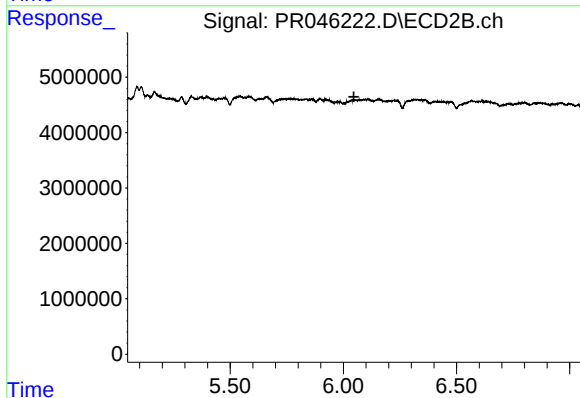
R.T.: 0.000 min
Exp R.T. : 5.899 min
Response: 0
Conc: N.D.



#27 AR-1254-2

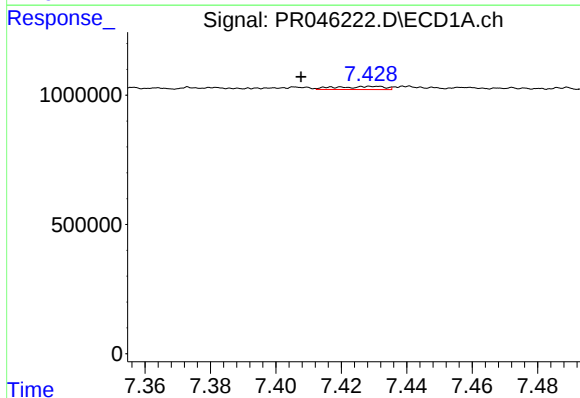
R.T.: 7.047 min
Delta R.T.: 0.013 min
Response: 91345
Conc: 0.75 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOQ-SOIL-02-QT3-2020



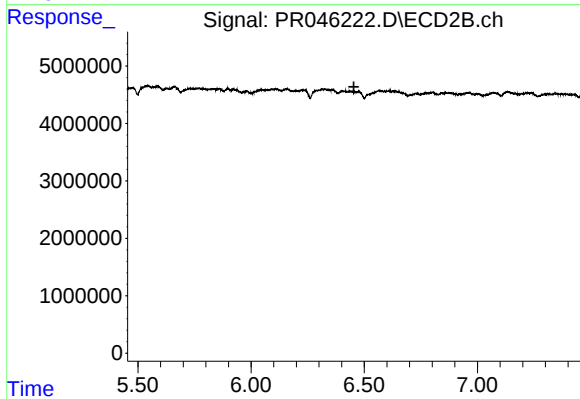
#27 AR-1254-2

R.T.: 0.000 min
Exp R.T. : 6.047 min
Response: 0
Conc: N.D.



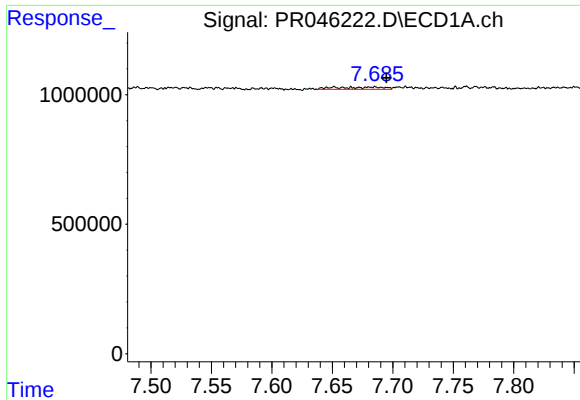
#28 AR-1254-3

R.T.: 7.430 min
Delta R.T.: 0.022 min
Response: 120972
Conc: 0.90 ng/ml



#28 AR-1254-3

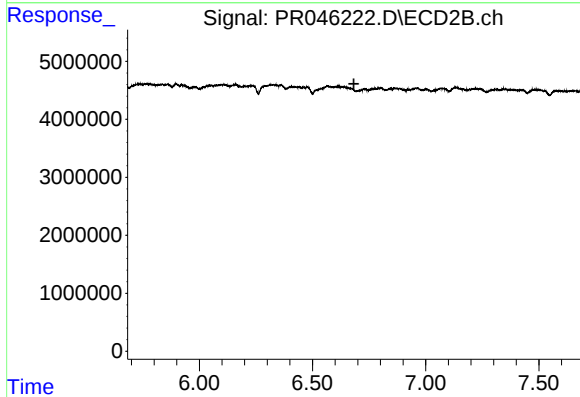
R.T.: 0.000 min
Exp R.T. : 6.454 min
Response: 0
Conc: N.D.



#29 AR-1254-4

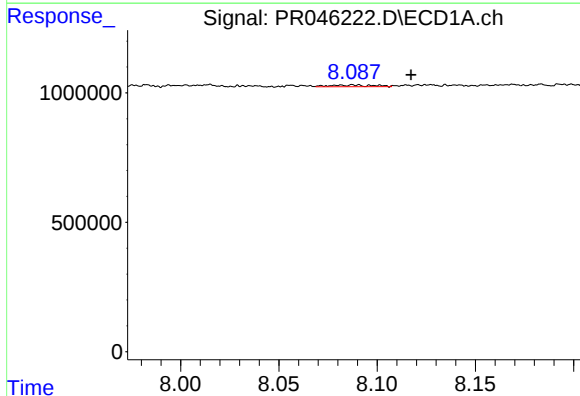
R.T.: 7.685 min
Delta R.T.: -0.009 min
Response: 242831
Conc: 2.36 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOQ-SOIL-02-QT3-2020



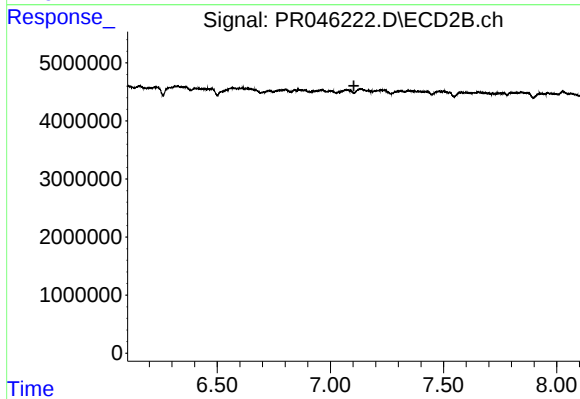
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T. : 6.683 min
Response: 0
Conc: N.D.



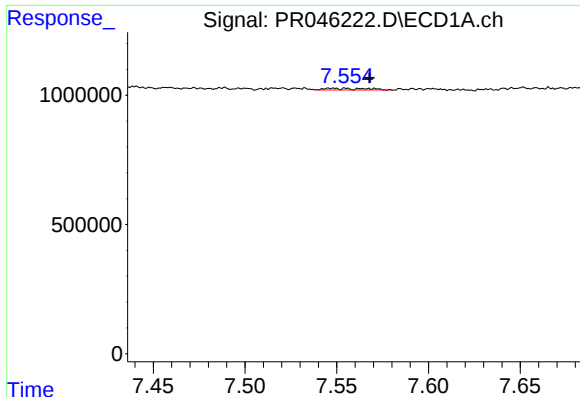
#30 AR-1254-5

R.T.: 8.087 min
Delta R.T.: -0.030 min
Response: 104626
Conc: 0.94 ng/ml



#30 AR-1254-5

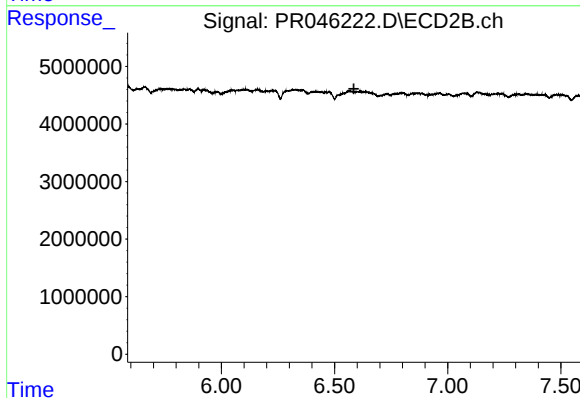
R.T.: 0.000 min
Exp R.T. : 7.104 min
Response: 0
Conc: N.D.



#31 AR-1260-1

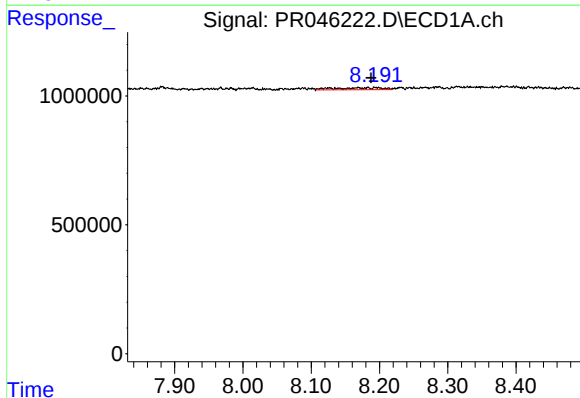
R.T.: 7.548 min
Delta R.T.: -0.020 min
Response: 104988
Conc: 1.13 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOQ-SOIL-02-QT3-2020



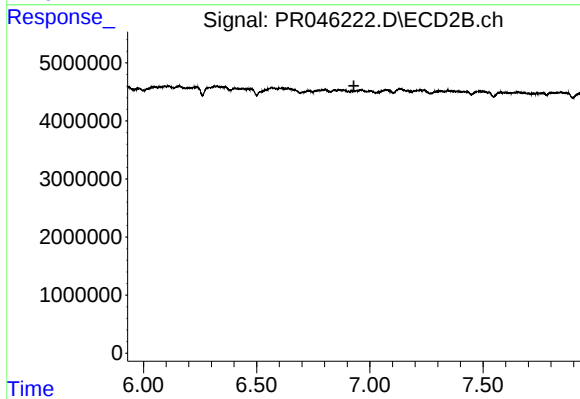
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T. : 6.585 min
Response: 0
Conc: N.D.



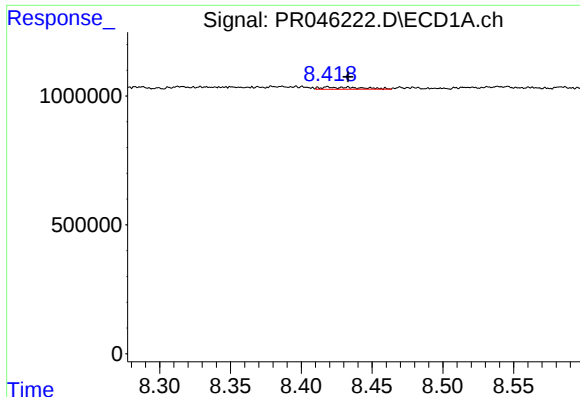
#33 AR-1260-3

R.T.: 8.169 min
Delta R.T.: -0.019 min
Response: 368291
Conc: 4.10 ng/ml



#33 AR-1260-3

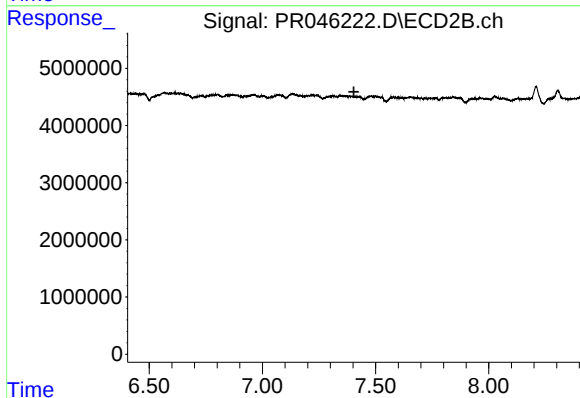
R.T.: 0.000 min
Exp R.T. : 6.929 min
Response: 0
Conc: N.D.



#34 AR-1260-4

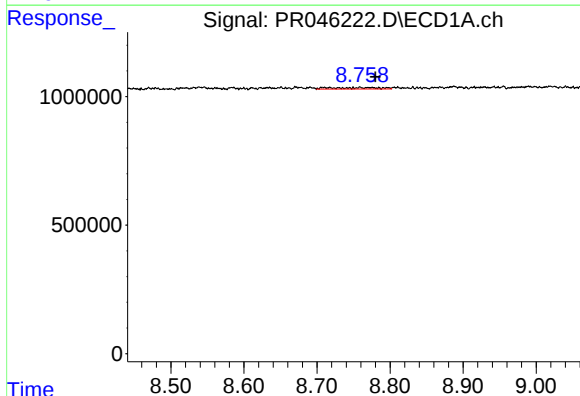
R.T.: 8.419 min
Delta R.T.: -0.014 min
Response: 161325
Conc: 1.55 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOQ-SOIL-02-QT3-2020



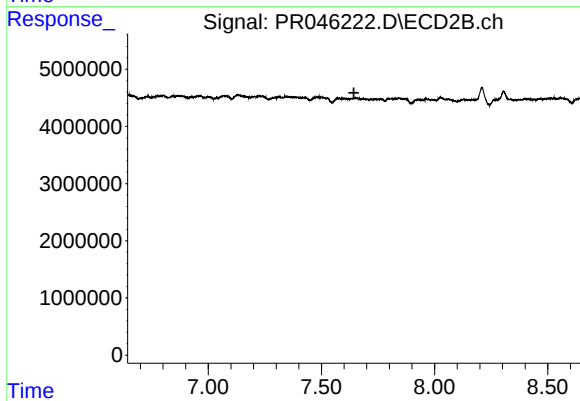
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T. : 7.404 min
Response: 0
Conc: N.D.



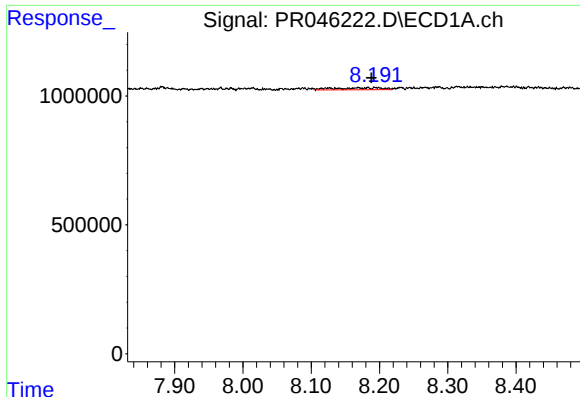
#35 AR-1260-5

R.T.: 8.759 min
Delta R.T.: -0.021 min
Response: 269469
Conc: 1.25 ng/ml



#35 AR-1260-5

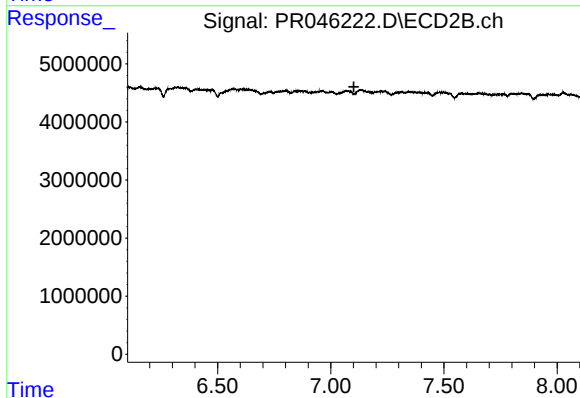
R.T.: 0.000 min
Exp R.T. : 7.643 min
Response: 0
Conc: N.D.



#36 AR-1262-1

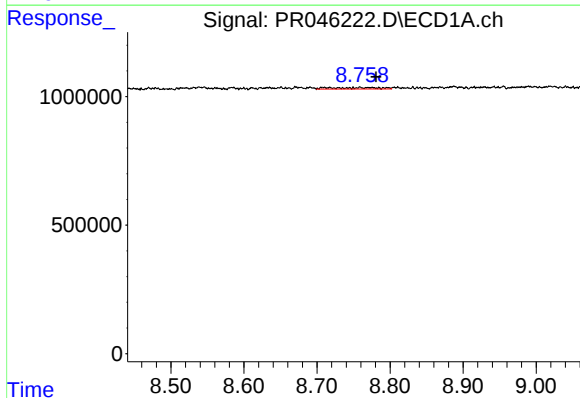
R.T.: 8.169 min
Delta R.T.: -0.020 min
Response: 368291
Conc: 3.02 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOQ-SOIL-02-QT3-2020



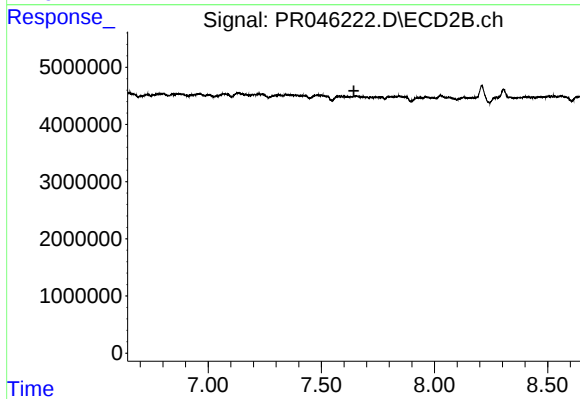
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 7.102 min
Response: 0
Conc: N.D.



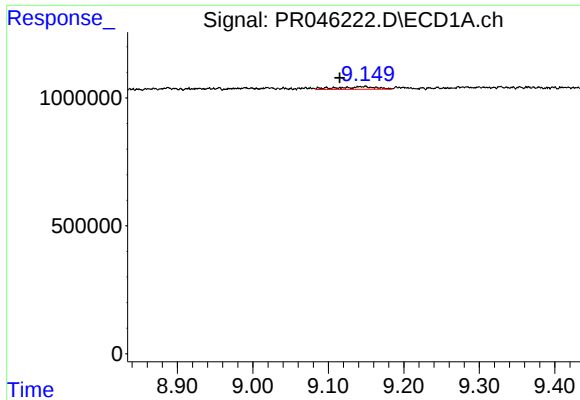
#37 AR-1262-2

R.T.: 8.759 min
Delta R.T.: -0.022 min
Response: 269469
Conc: 1.19 ng/ml



#37 AR-1262-2

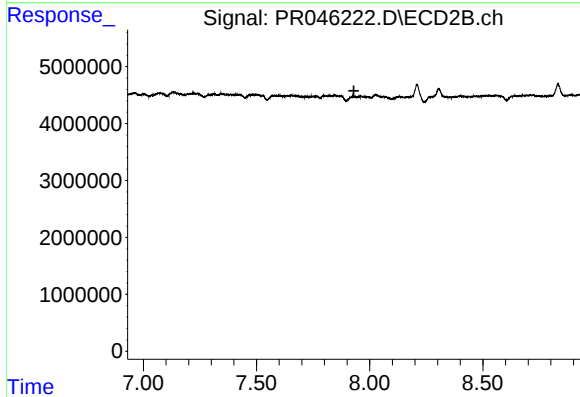
R.T.: 0.000 min
Exp R.T. : 7.644 min
Response: 0
Conc: N.D.



#38 AR-1262-3

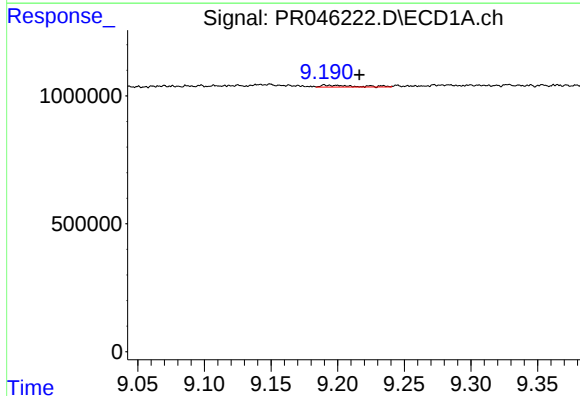
R.T.: 9.125 min
Delta R.T.: 0.009 min
Response: 380999
Conc: 3.90 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOQ-SOIL-02-QT3-2020



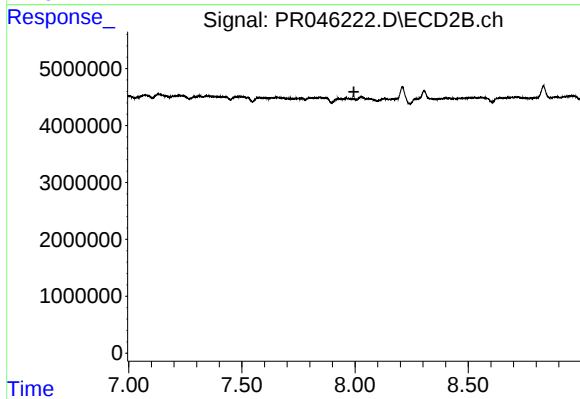
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 7.930 min
Response: 0
Conc: N.D.



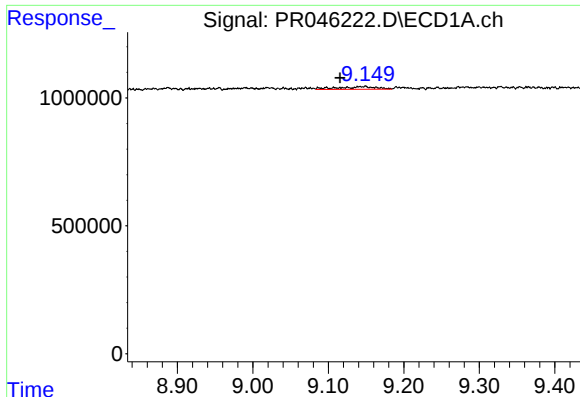
#39 AR-1262-4

R.T.: 9.198 min
Delta R.T.: -0.018 min
Response: 133121
Conc: 1.17 ng/ml



#39 AR-1262-4

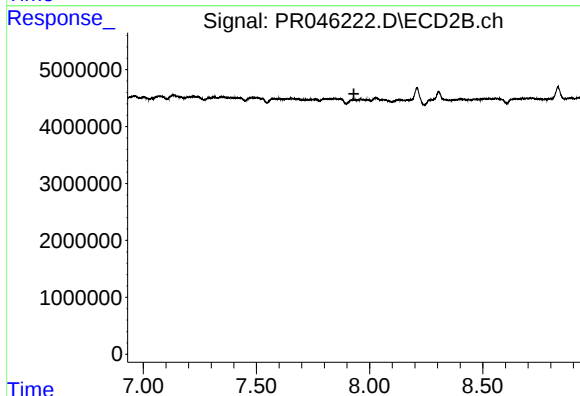
R.T.: 0.000 min
Exp R.T. : 7.995 min
Response: 0
Conc: N.D.



#41 AR-1268-1

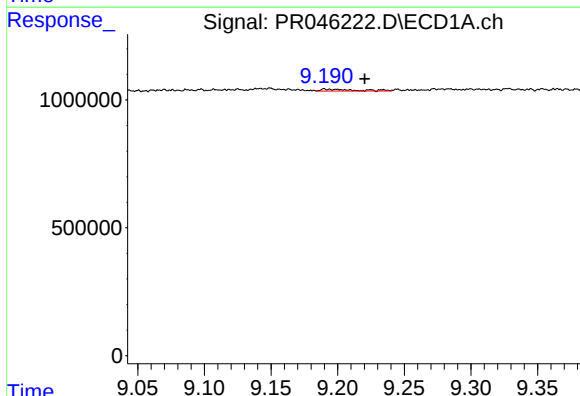
R.T.: 9.125 min
Delta R.T.: 0.009 min
Response: 380999
Conc: 1.27 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOQ-SOIL-02-QT3-2020



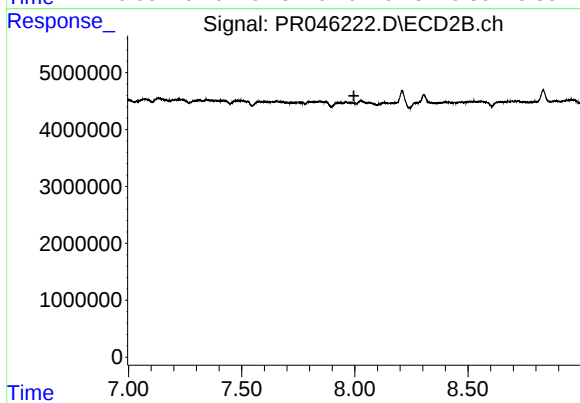
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 7.931 min
Response: 0
Conc: N.D.



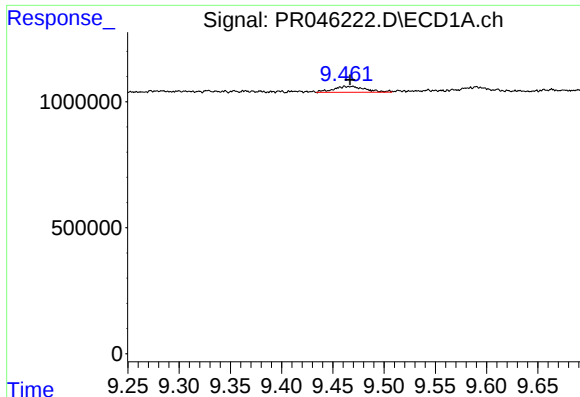
#42 AR-1268-2

R.T.: 9.198 min
Delta R.T.: -0.022 min
Response: 133121
Conc: 0.48 ng/ml



#42 AR-1268-2

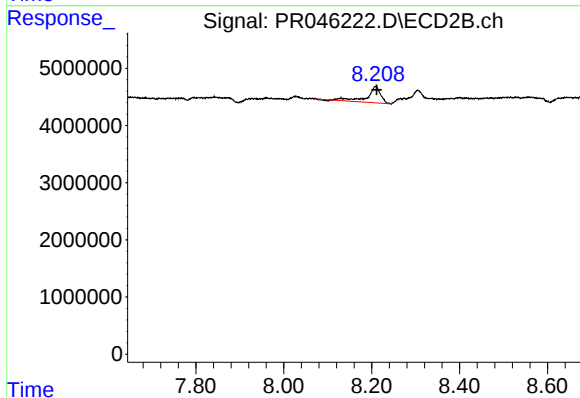
R.T.: 0.000 min
Exp R.T. : 7.996 min
Response: 0
Conc: N.D.



#43 AR-1268-3

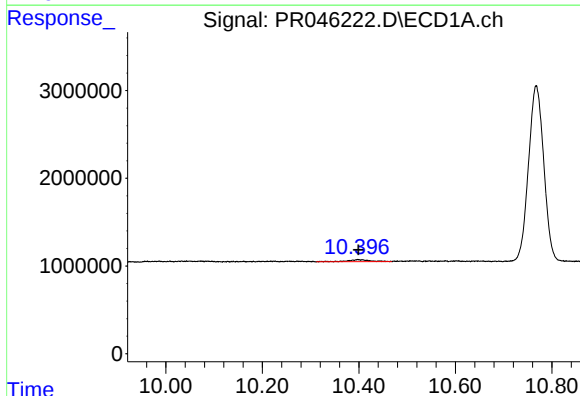
R.T.: 9.466 min
Delta R.T.: 0.000 min
Response: 503338
Conc: 2.19 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOQ-SOIL-02-QT3-2020



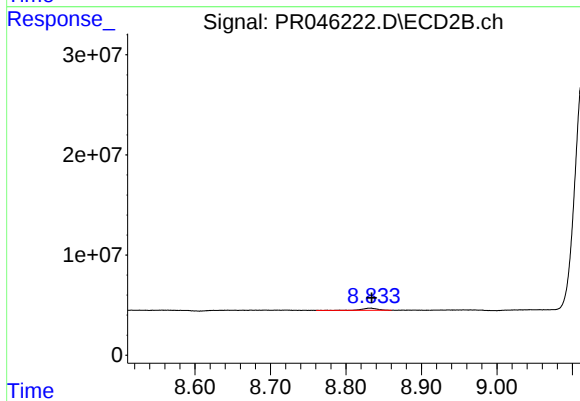
#43 AR-1268-3

R.T.: 8.209 min
Delta R.T.: -0.003 min
Response: 6215750
Conc: 3.10 ng/ml



#45 AR-1268-5

R.T.: 10.399 min
Delta R.T.: 0.000 min
Response: 772000
Conc: 0.99 ng/ml



#45 AR-1268-5

R.T.: 8.832 min
Delta R.T.: -0.002 min
Response: 3035031
Conc: 0.48 ng/ml