

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR042619\
 Data File : PR037430.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Apr 2019 18:07
 Operator : SM\SJ
 Sample : K2241-02
 Misc : AR1221 LOQ 100PPB
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 LOQ-SOIL-02-QT2-2019

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 26 22:36:32 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR042219.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Apr 22 17:27:39 2019
 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...	4.358	3.407	29155361	123.1E6	23.306	25.674
2)	SA Decachlor...	9.983	8.243	24151016	99352041	18.260	17.058
Target Compounds							
3)	L1 AR-1016-1	5.514	4.450	249116	1501741	5.781	8.248 #
4)	L1 AR-1016-2	5.537	4.464	738652	2367083	10.667	8.390
5)	L1 AR-1016-3	5.595	4.638	631556	999040	15.660	6.948 #
6)	L1 AR-1016-4	0.000	4.679	0	411444	N.D.	3.719 #
7)	L1 AR-1016-5	0.000	4.883	0	425420	N.D.	2.799 #
8)	L2 AR-1221-1	4.566	3.612	1856111	6623725	148.451	130.085
9)	L2 AR-1221-2	4.654	3.695	1770830	5757856	195.802	155.049
10)	L2 AR-1221-3	4.729	3.767	4664047	15851865	152.176	129.458
11)	L3 AR-1232-1	4.729	3.767	4664047	15851865	159.449	135.496
12)	L3 AR-1232-2	5.252	4.464	481743	2367083	28.510	17.125 #
13)	L3 AR-1232-3	5.537	4.638	738652	999040	21.851	14.231 #
14)	L3 AR-1232-4	0.000	4.720	0	412932	N.D.	6.920 #
15)	L3 AR-1232-5	0.000	4.883	0	425420	N.D.	6.234 #
16)	L4 AR-1242-1	5.514	4.450	249116	1501741	7.281	10.248 #
17)	L4 AR-1242-2	5.537	4.464	738652	2367083	13.316	10.375
18)	L4 AR-1242-3	5.595	4.638	631556	999040	19.188	8.640 #
19)	L4 AR-1242-4	0.000	4.720	0	412932	N.D.	3.757 #
20)	L4 AR-1242-5	0.000	5.221	0	1213736	N.D.	7.325 #
21)	L5 AR-1248-1	5.514	4.450	249116	1501741	10.875	14.918 #
22)	L5 AR-1248-2	0.000	4.679	0	411444	N.D.	3.015 #
23)	L5 AR-1248-3	0.000	4.720	0	412932	N.D.	2.950 #
24)	L5 AR-1248-4	0.000	4.883	0	425420	N.D.	2.390 #
25)	L5 AR-1248-5	0.000	5.266	0	1224287	N.D.	6.259 #
26)	L6 AR-1254-1	0.000	5.221	0	1213736	N.D.	3.523 #
27)	L6 AR-1254-2	0.000	5.371	0	798384	N.D.	2.666 #
28)	L6 AR-1254-3	6.961	5.760	374670	568246	4.119	1.200 #
29)	L6 AR-1254-4	0.000	5.984	0	123372	N.D.	0.352 #
30)	L6 AR-1254-5	0.000	6.373	0	3064030	N.D.	6.919 #
31)	L7 AR-1260-1	0.000	5.851	0	418807	N.D.	1.433 #
32)	L7 AR-1260-2	0.000	6.065	0	2862716	N.D.	6.215 #
33)	L7 AR-1260-3	0.000	6.158	0	180535	N.D.	0.506 #
34)	L7 AR-1260-4	0.000	6.695	0	1001183	N.D.	3.285 #
35)	L7 AR-1260-5	0.000	6.875	0	2537119	N.D.	2.925 #
36)	L8 AR-1262-1	0.000	6.491	0	4037056	N.D.	16.108 #
37)	L8 AR-1262-2	0.000	6.875	0	2537119	N.D.	2.020 #
38)	L8 AR-1262-3	0.000	7.205	0	749405	N.D.	1.367 #
39)	L8 AR-1262-4	0.000	7.247	0	241782	N.D.	0.269 #
41)	L9 AR-1268-1	0.000	7.205	0	749405	N.D.	0.609 #
42)	L9 AR-1268-2	0.000	7.247	0	241782	N.D.	0.228 #

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 Data File : PR037430.D
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 Acq On : 26 Apr 2019 18:07
 Operator : SM\SJ
 Sample : K2241-02
 Misc : AR1221 LOQ 100PPB
 ALS Vial : 10 Sample Multiplier: 1

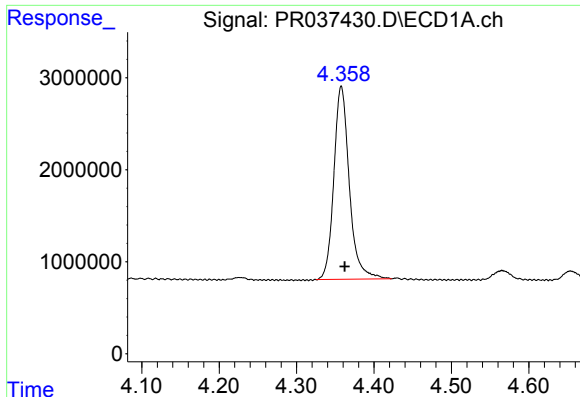
Instrument :
 ECD_R
 ClientSampleId :
 LOQ-SOIL-02-QT2-2019

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 26 22:36:32 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR042219.M
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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
43) L9	AR-1268-3	0.000	7.463	0	1448510	N.D.	1.634 #
45) L9	AR-1268-5	0.000	8.021	0	1292861	N.D.	0.508 #

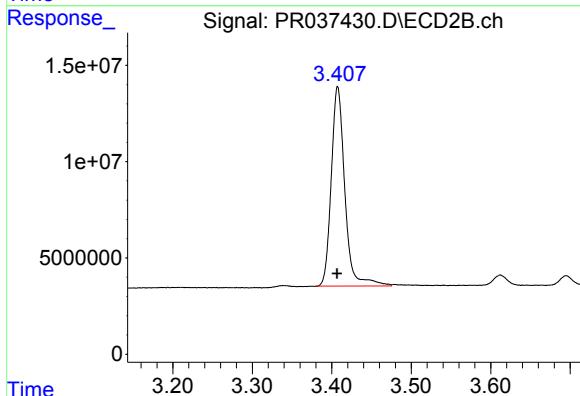
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

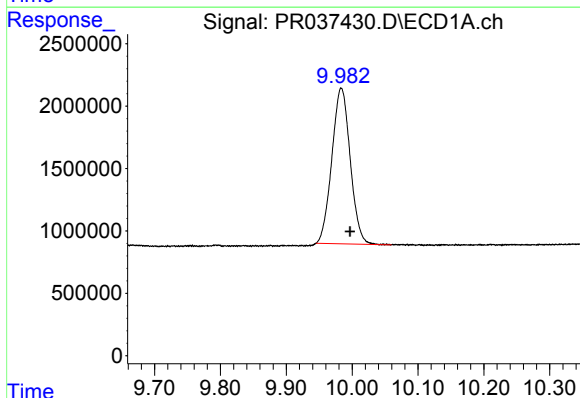
R.T.: 4.358 min
Delta R.T.: -0.004 min
Response: 29155361
Conc: 23.31 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOQ-SOIL-02-QT2-2019



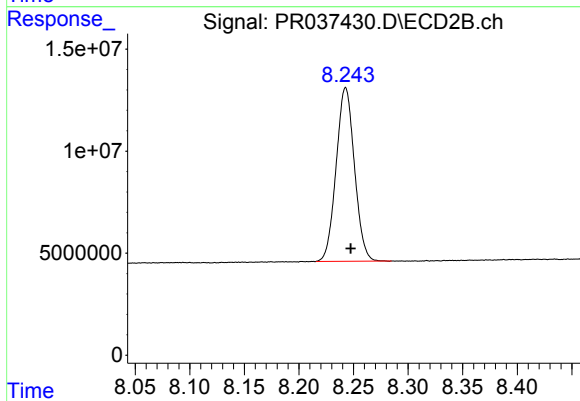
#1 Tetrachloro-m-xylene

R.T.: 3.407 min
Delta R.T.: 0.001 min
Response: 123119323
Conc: 25.67 ng/ml



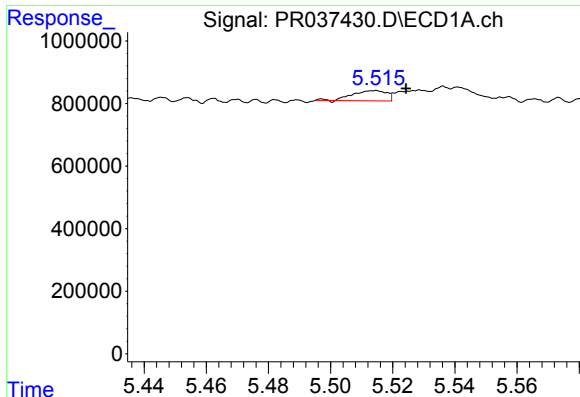
#2 Decachlorobiphenyl

R.T.: 9.983 min
Delta R.T.: -0.013 min
Response: 24151016
Conc: 18.26 ng/ml



#2 Decachlorobiphenyl

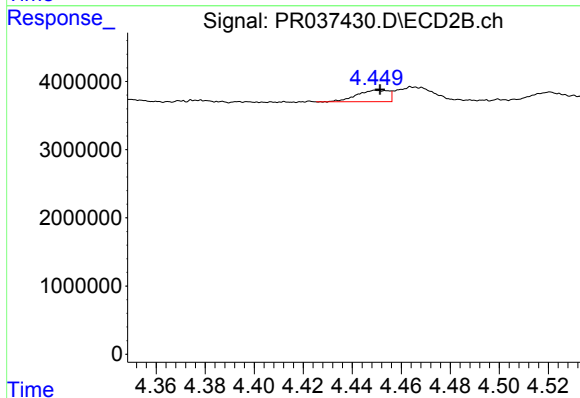
R.T.: 8.243 min
Delta R.T.: -0.005 min
Response: 99352041
Conc: 17.06 ng/ml



#3 AR-1016-1

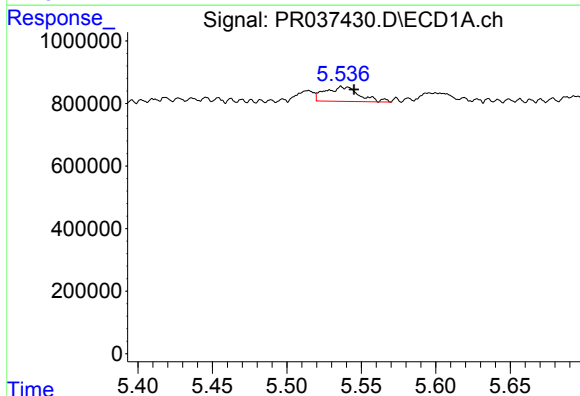
R.T.: 5.514 min
Delta R.T.: -0.010 min
Response: 249116
Conc: 5.78 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOQ-SOIL-02-QT2-2019



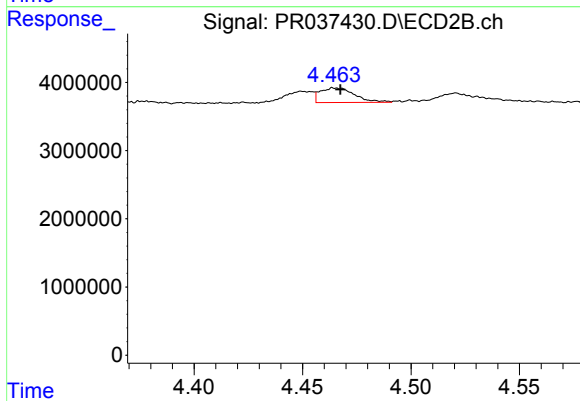
#3 AR-1016-1

R.T.: 4.450 min
Delta R.T.: -0.002 min
Response: 1501741
Conc: 8.25 ng/ml



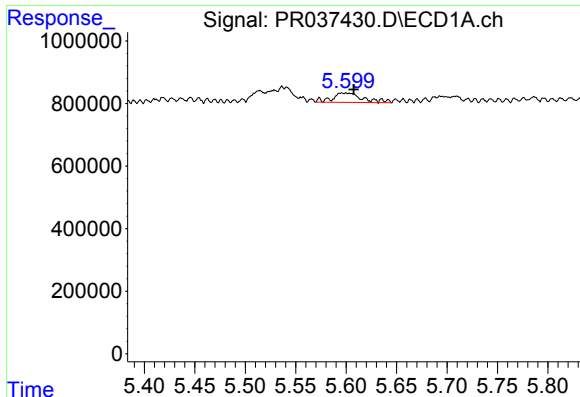
#4 AR-1016-2

R.T.: 5.537 min
Delta R.T.: -0.008 min
Response: 738652
Conc: 10.67 ng/ml



#4 AR-1016-2

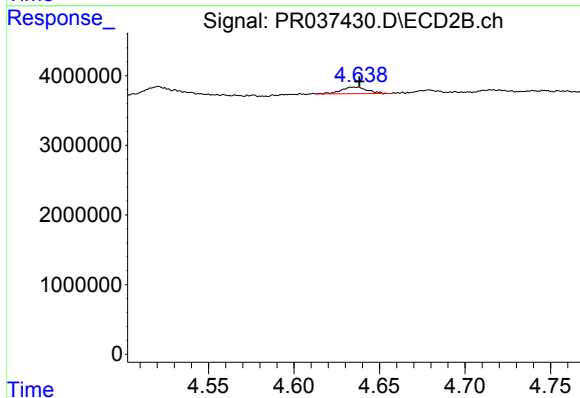
R.T.: 4.464 min
Delta R.T.: -0.003 min
Response: 2367083
Conc: 8.39 ng/ml



#5 AR-1016-3

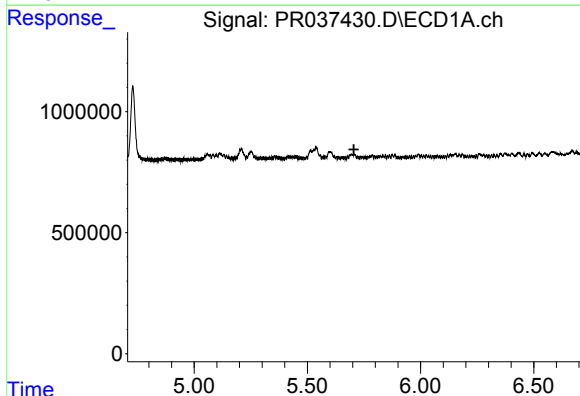
R.T.: 5.595 min
Delta R.T.: -0.012 min
Response: 631556
Conc: 15.66 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOQ-SOIL-02-QT2-2019



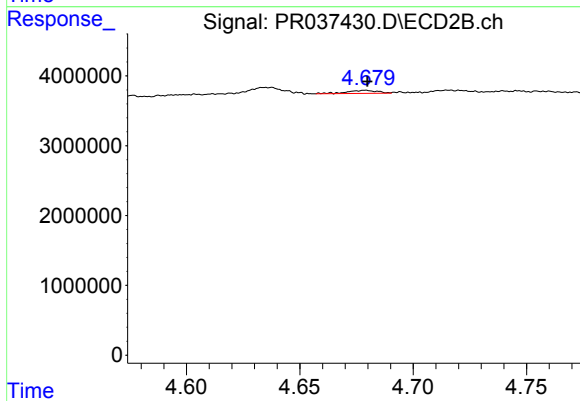
#5 AR-1016-3

R.T.: 4.638 min
Delta R.T.: 0.000 min
Response: 999040
Conc: 6.95 ng/ml



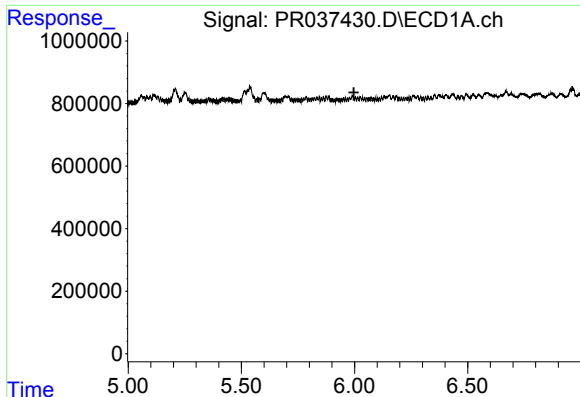
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 5.705 min
Response: 0
Conc: N.D.



#6 AR-1016-4

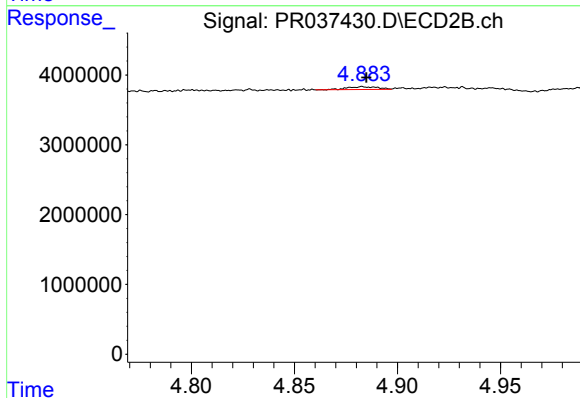
R.T.: 4.679 min
Delta R.T.: 0.000 min
Response: 411444
Conc: 3.72 ng/ml



#7 AR-1016-5

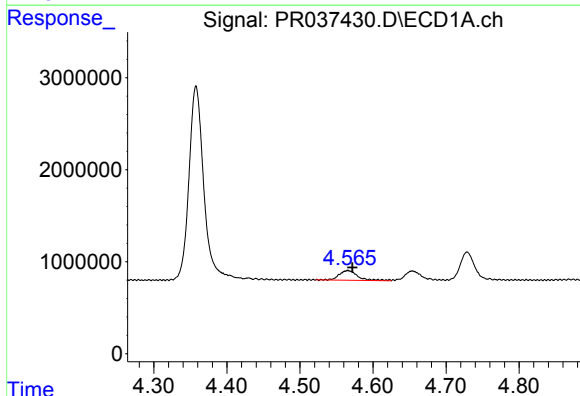
R.T.: 0.000 min
Exp R.T.: 5.997 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
LOQ-SOIL-02-QT2-2019



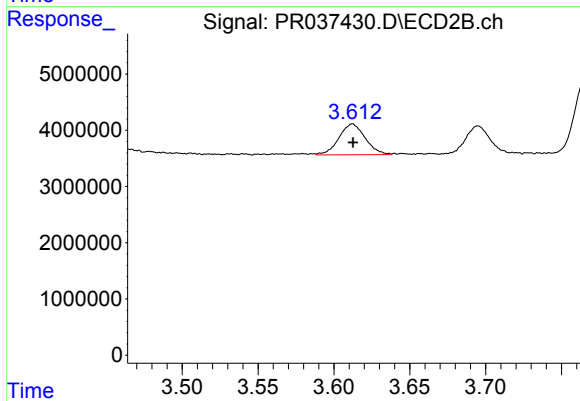
#7 AR-1016-5

R.T.: 4.883 min
Delta R.T.: -0.002 min
Response: 425420
Conc: 2.80 ng/ml



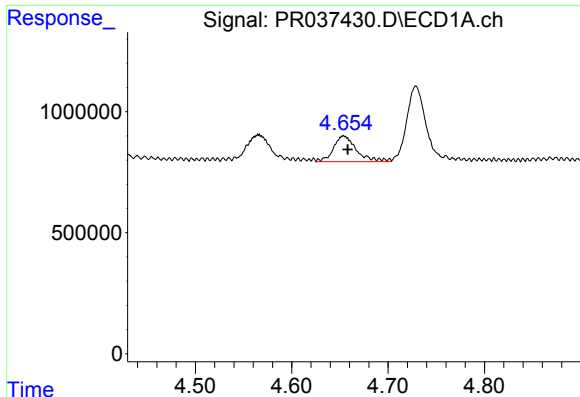
#8 AR-1221-1

R.T.: 4.566 min
Delta R.T.: -0.006 min
Response: 1856111
Conc: 148.45 ng/ml



#8 AR-1221-1

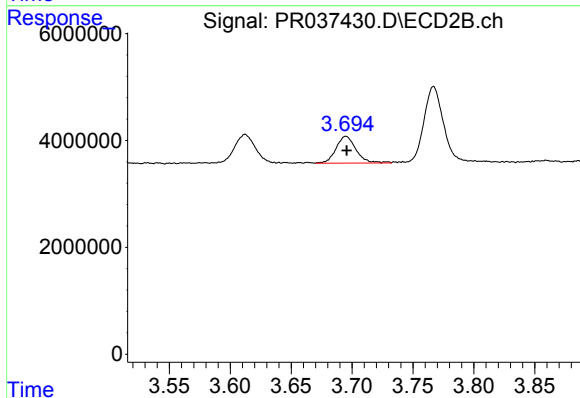
R.T.: 3.612 min
Delta R.T.: 0.000 min
Response: 6623725
Conc: 130.08 ng/ml



#9 AR-1221-2

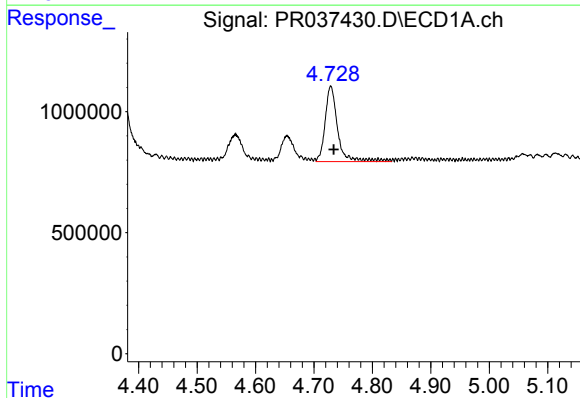
R.T.: 4.654 min
Delta R.T.: -0.004 min
Response: 1770830
Conc: 195.80 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOQ-SOIL-02-QT2-2019



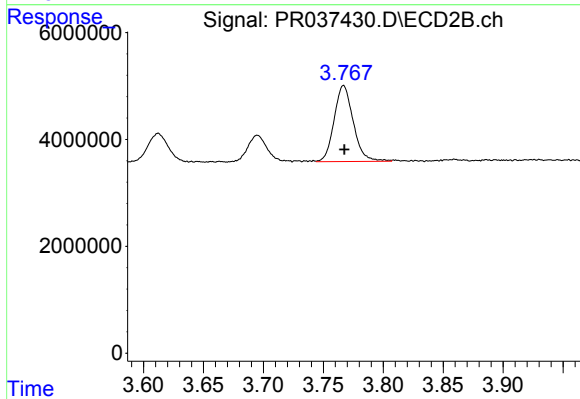
#9 AR-1221-2

R.T.: 3.695 min
Delta R.T.: 0.000 min
Response: 5757856
Conc: 155.05 ng/ml



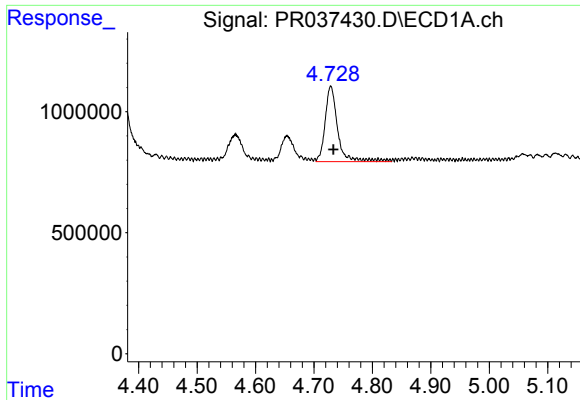
#10 AR-1221-3

R.T.: 4.729 min
Delta R.T.: -0.005 min
Response: 4664047
Conc: 152.18 ng/ml



#10 AR-1221-3

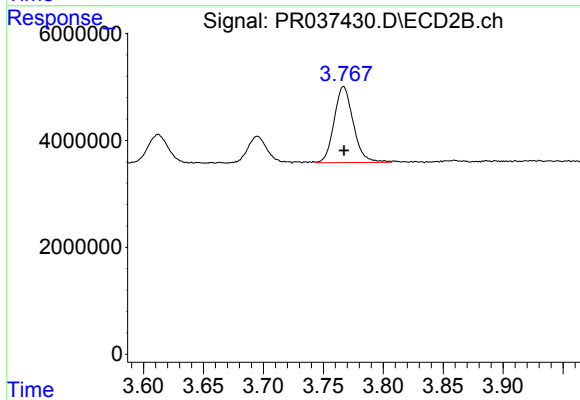
R.T.: 3.767 min
Delta R.T.: 0.000 min
Response: 15851865
Conc: 129.46 ng/ml



#11 AR-1232-1

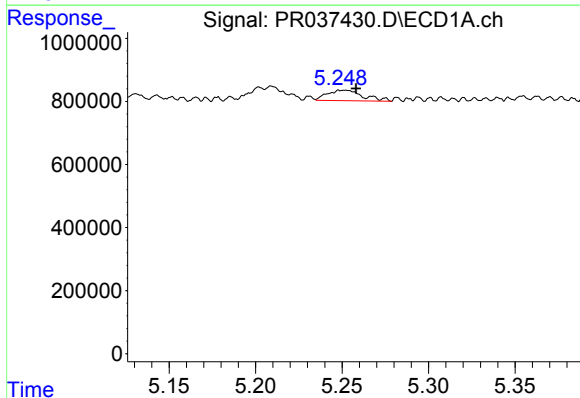
R.T.: 4.729 min
Delta R.T.: -0.005 min
Response: 4664047
Conc: 159.45 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOQ-SOIL-02-QT2-2019



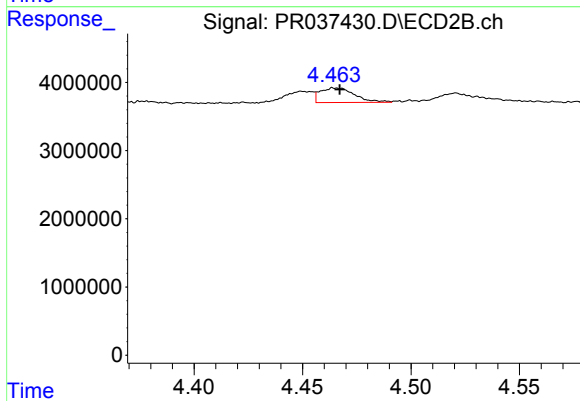
#11 AR-1232-1

R.T.: 3.767 min
Delta R.T.: 0.000 min
Response: 15851865
Conc: 135.50 ng/ml



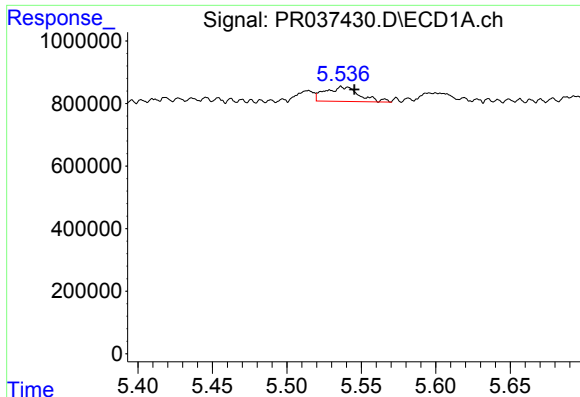
#12 AR-1232-2

R.T.: 5.252 min
Delta R.T.: -0.006 min
Response: 481743
Conc: 28.51 ng/ml



#12 AR-1232-2

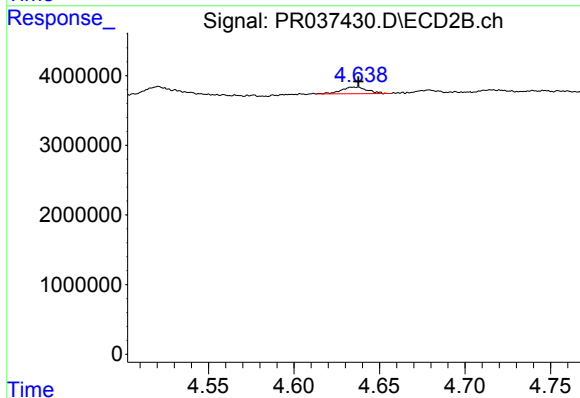
R.T.: 4.464 min
Delta R.T.: -0.003 min
Response: 2367083
Conc: 17.12 ng/ml



#13 AR-1232-3

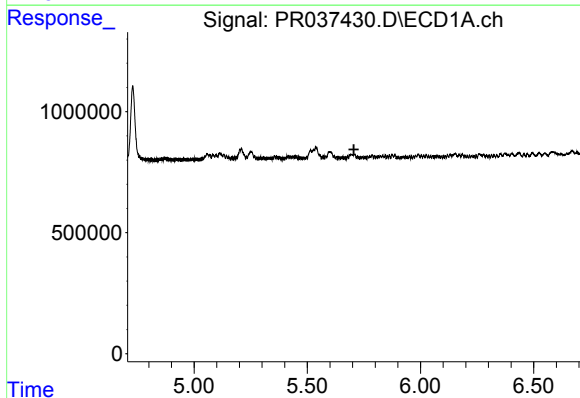
R.T.: 5.537 min
Delta R.T.: -0.009 min
Response: 738652
Conc: 21.85 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOQ-SOIL-02-QT2-2019



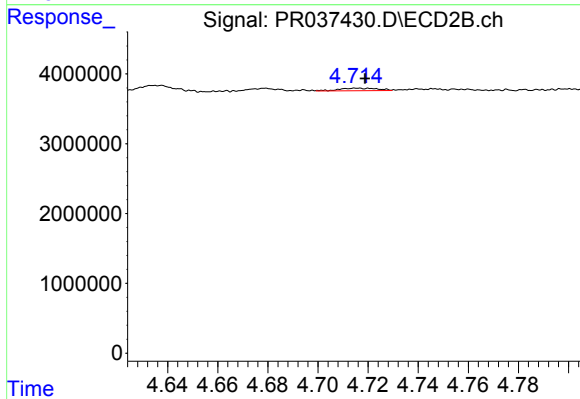
#13 AR-1232-3

R.T.: 4.638 min
Delta R.T.: 0.000 min
Response: 999040
Conc: 14.23 ng/ml



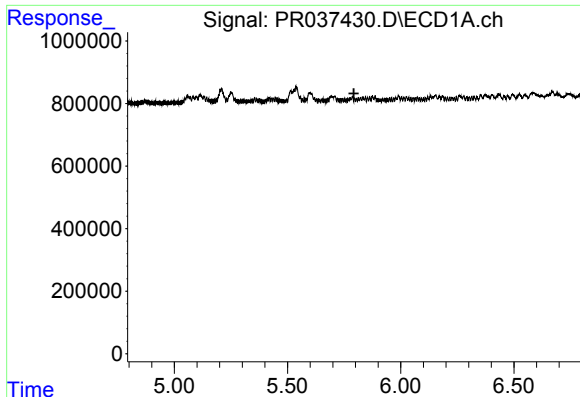
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 5.706 min
Response: 0
Conc: N.D.



#14 AR-1232-4

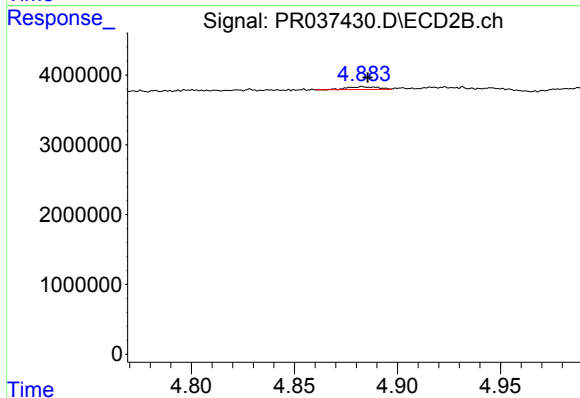
R.T.: 4.720 min
Delta R.T.: 0.002 min
Response: 412932
Conc: 6.92 ng/ml



#15 AR-1232-5

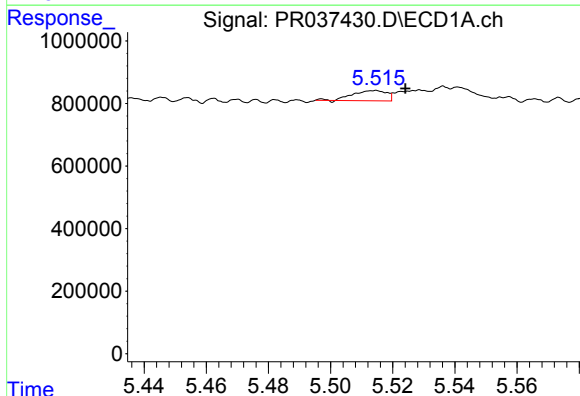
R.T.: 0.000 min
Exp R.T.: 5.793 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
LOQ-SOIL-02-QT2-2019



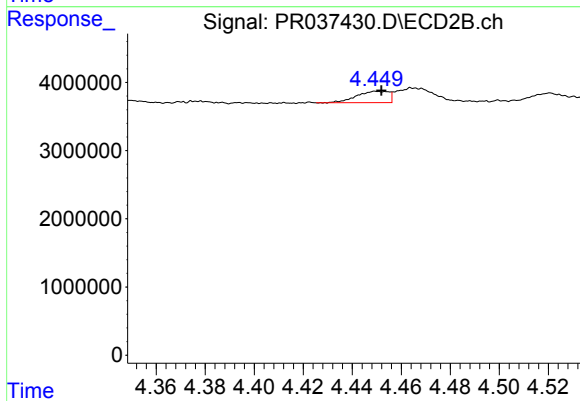
#15 AR-1232-5

R.T.: 4.883 min
Delta R.T.: -0.003 min
Response: 425420
Conc: 6.23 ng/ml



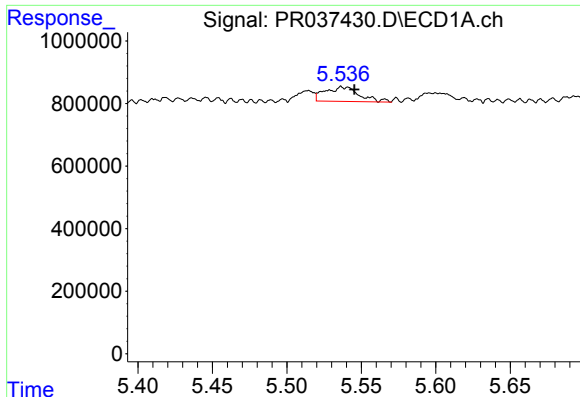
#16 AR-1242-1

R.T.: 5.514 min
Delta R.T.: -0.010 min
Response: 249116
Conc: 7.28 ng/ml



#16 AR-1242-1

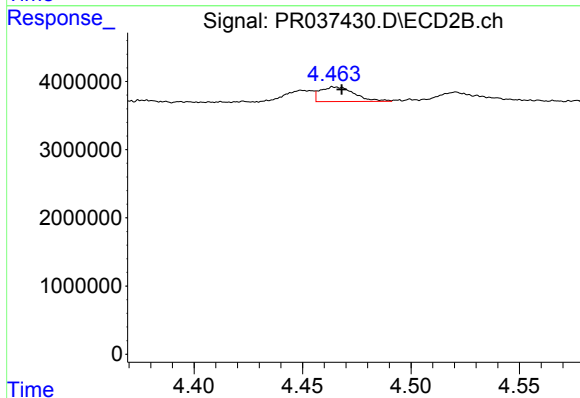
R.T.: 4.450 min
Delta R.T.: -0.002 min
Response: 1501741
Conc: 10.25 ng/ml



#17 AR-1242-2

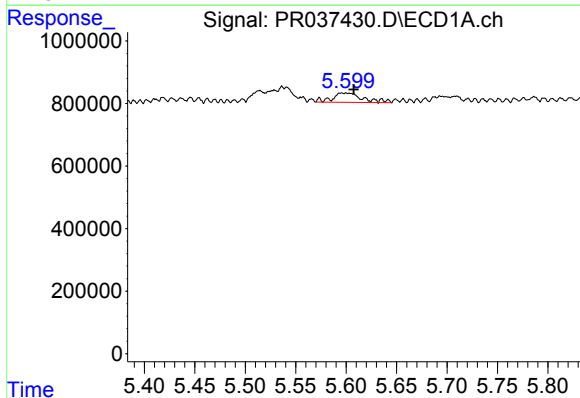
R.T.: 5.537 min
Delta R.T.: -0.009 min
Response: 738652
Conc: 13.32 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOQ-SOIL-02-QT2-2019



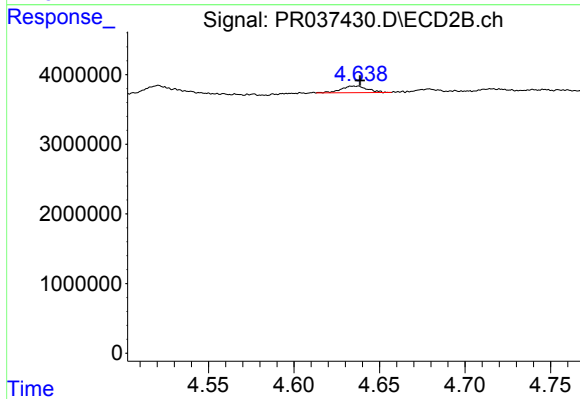
#17 AR-1242-2

R.T.: 4.464 min
Delta R.T.: -0.004 min
Response: 2367083
Conc: 10.37 ng/ml



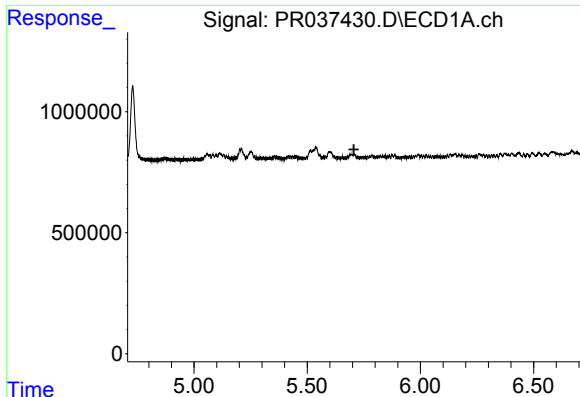
#18 AR-1242-3

R.T.: 5.595 min
Delta R.T.: -0.012 min
Response: 631556
Conc: 19.19 ng/ml



#18 AR-1242-3

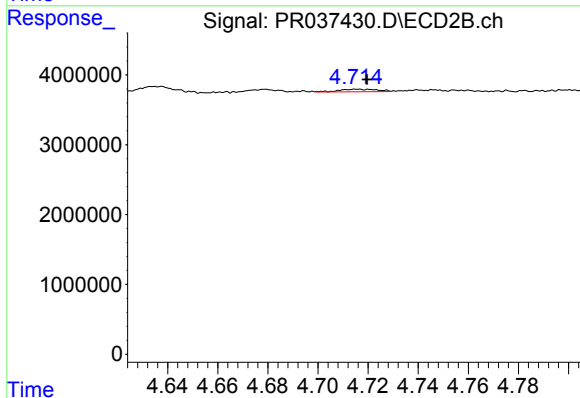
R.T.: 4.638 min
Delta R.T.: 0.000 min
Response: 999040
Conc: 8.64 ng/ml



#19 AR-1242-4

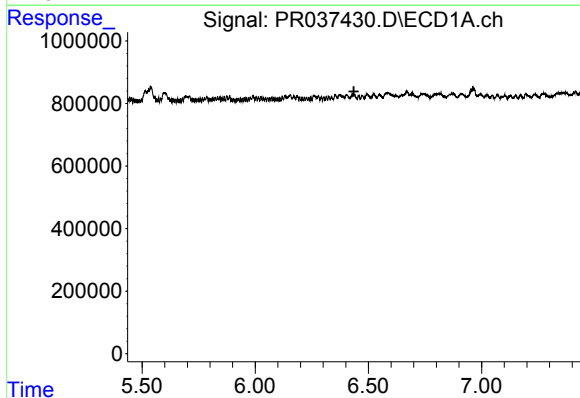
R.T.: 0.000 min
Exp R.T.: 5.706 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
LOQ-SOIL-02-QT2-2019



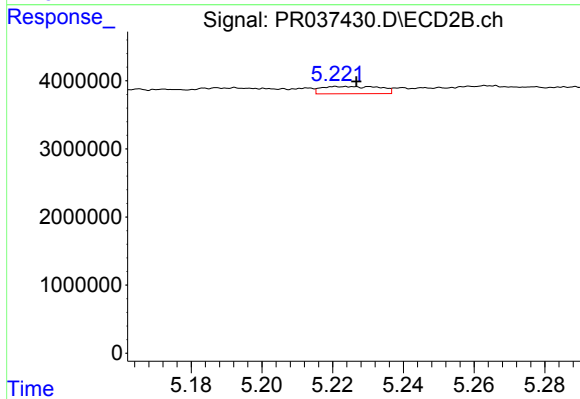
#19 AR-1242-4

R.T.: 4.720 min
Delta R.T.: 0.000 min
Response: 412932
Conc: 3.76 ng/ml



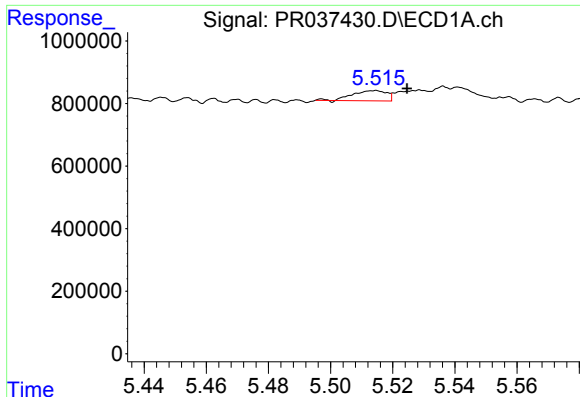
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T.: 6.436 min
Response: 0
Conc: N.D.



#20 AR-1242-5

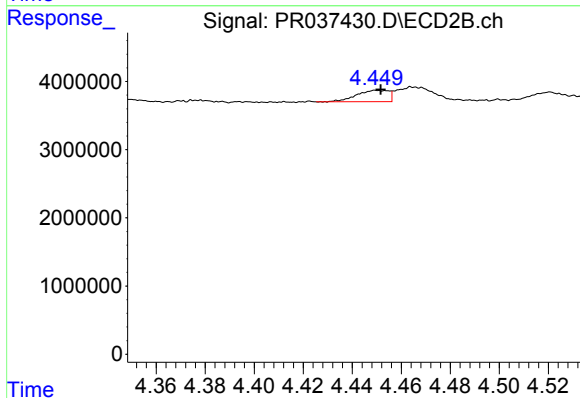
R.T.: 5.221 min
Delta R.T.: -0.006 min
Response: 1213736
Conc: 7.32 ng/ml



#21 AR-1248-1

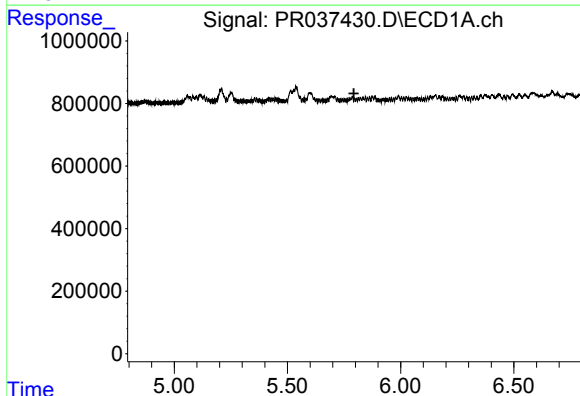
R.T.: 5.514 min
Delta R.T.: -0.010 min
Response: 249116
Conc: 10.87 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOQ-SOIL-02-QT2-2019



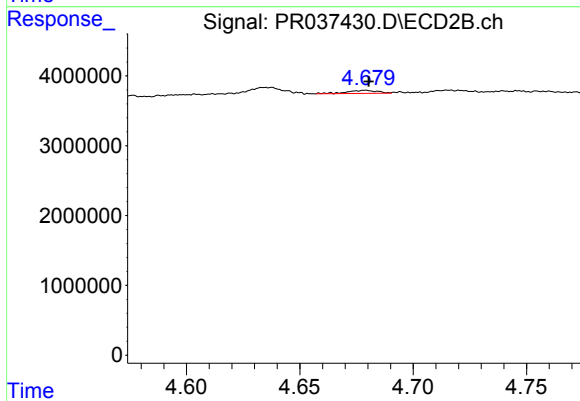
#21 AR-1248-1

R.T.: 4.450 min
Delta R.T.: -0.002 min
Response: 1501741
Conc: 14.92 ng/ml



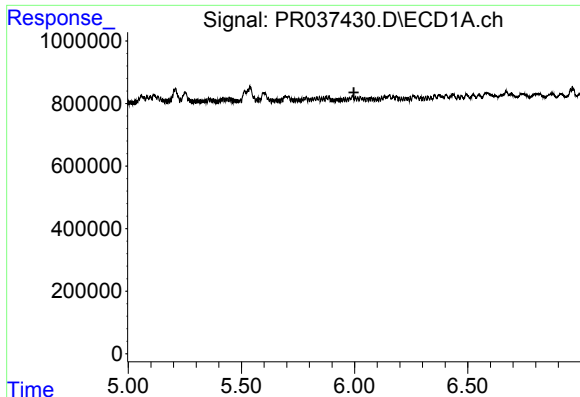
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T. : 5.793 min
Response: 0
Conc: N.D.



#22 AR-1248-2

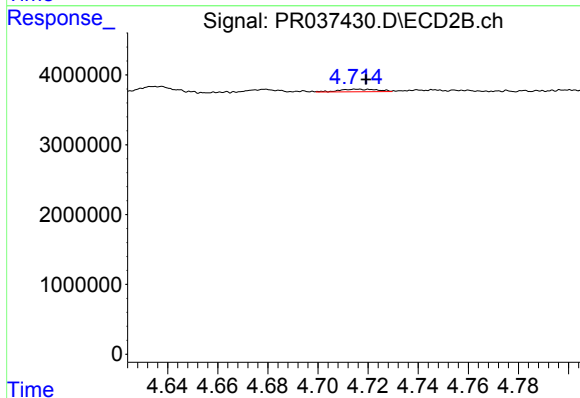
R.T.: 4.679 min
Delta R.T.: -0.001 min
Response: 411444
Conc: 3.01 ng/ml



#23 AR-1248-3

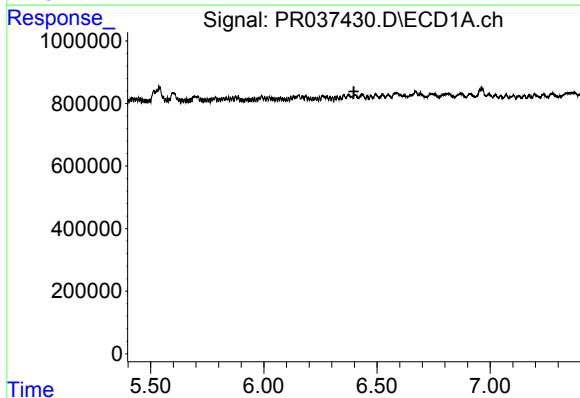
R.T.: 0.000 min
Exp R.T.: 5.997 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
LOQ-SOIL-02-QT2-2019



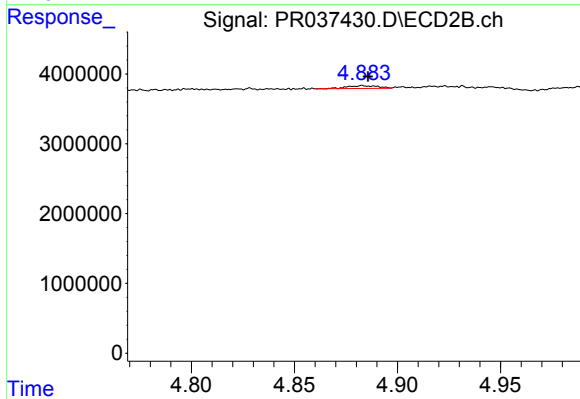
#23 AR-1248-3

R.T.: 4.720 min
Delta R.T.: 0.001 min
Response: 412932
Conc: 2.95 ng/ml



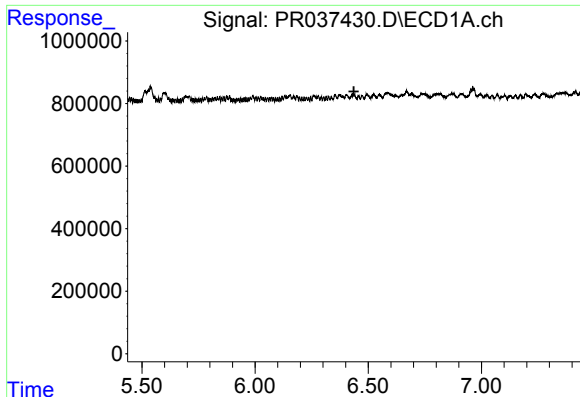
#24 AR-1248-4

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



#24 AR-1248-4

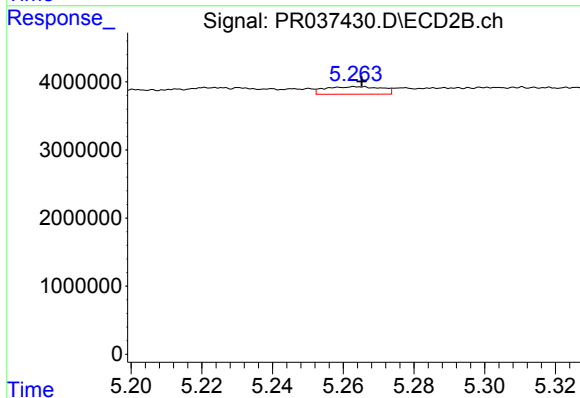
R.T.: 4.883 min
Delta R.T.: -0.003 min
Response: 425420
Conc: 2.39 ng/ml



#25 AR-1248-5

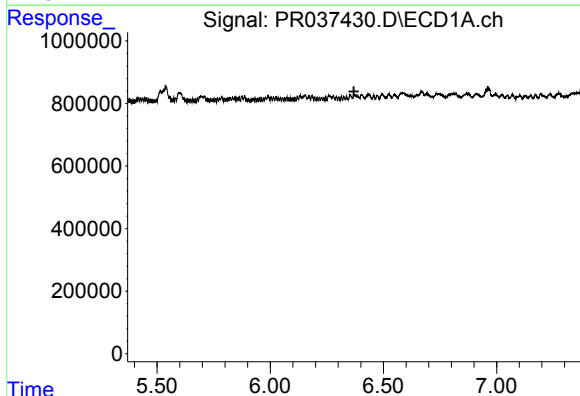
R.T.: 0.000 min
Exp R.T.: 6.436 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
LOQ-SOIL-02-QT2-2019



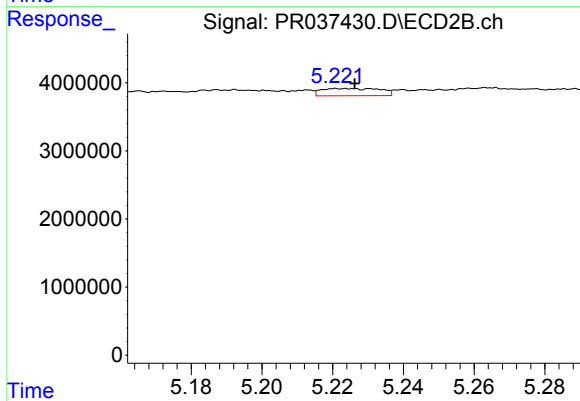
#25 AR-1248-5

R.T.: 5.266 min
Delta R.T.: 0.000 min
Response: 1224287
Conc: 6.26 ng/ml



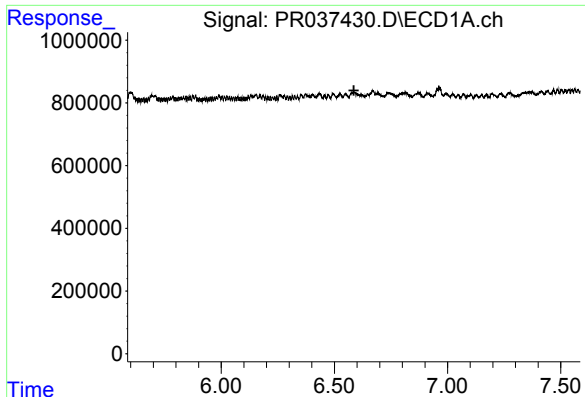
#26 AR-1254-1

R.T.: 0.000 min
Exp R.T.: 6.369 min
Response: 0
Conc: N.D.



#26 AR-1254-1

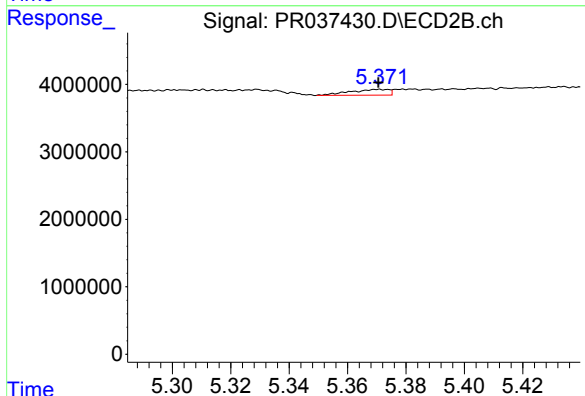
R.T.: 5.221 min
Delta R.T.: -0.005 min
Response: 1213736
Conc: 3.52 ng/ml



#27 AR-1254-2

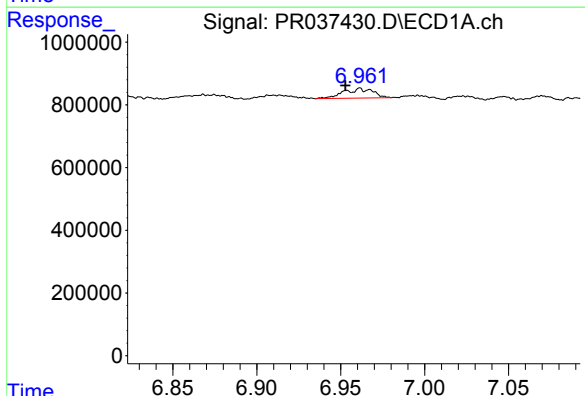
R.T.: 0.000 min
Exp R.T.: 6.586 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
LOQ-SOIL-02-QT2-2019



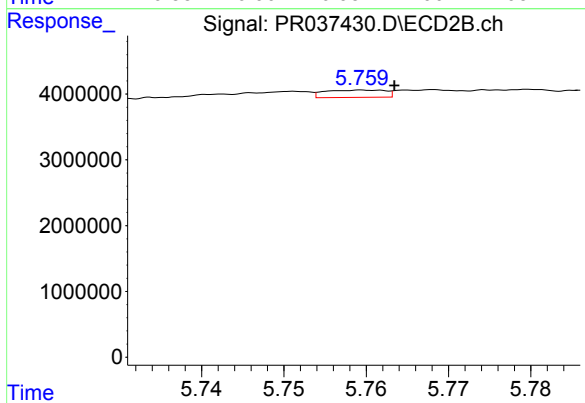
#27 AR-1254-2

R.T.: 5.371 min
Delta R.T.: 0.000 min
Response: 798384
Conc: 2.67 ng/ml



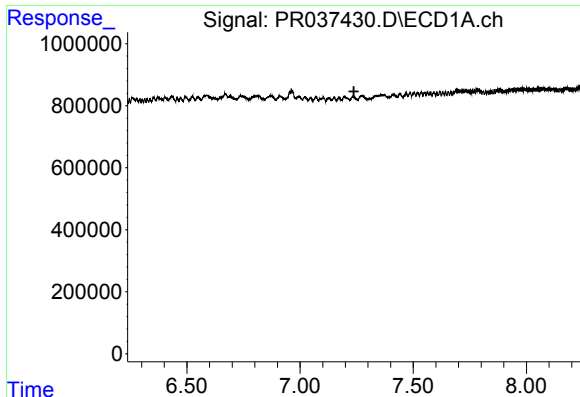
#28 AR-1254-3

R.T.: 6.961 min
Delta R.T.: 0.009 min
Response: 374670
Conc: 4.12 ng/ml



#28 AR-1254-3

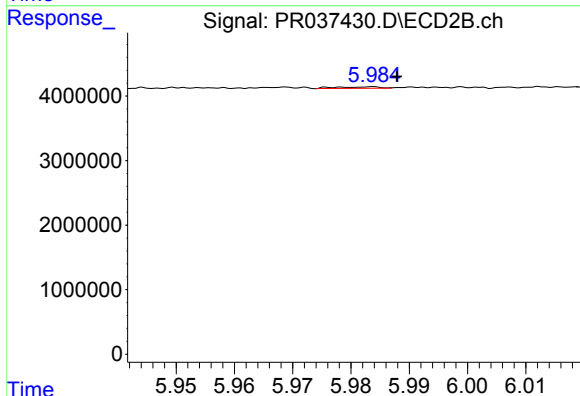
R.T.: 5.760 min
Delta R.T.: -0.004 min
Response: 568246
Conc: 1.20 ng/ml



#29 AR-1254-4

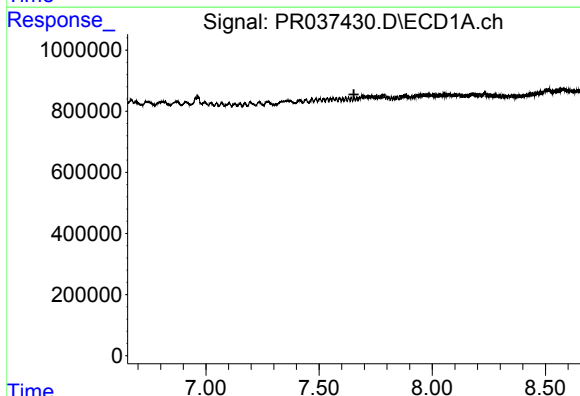
R.T.: 0.000 min
Exp R.T.: 7.238 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
LOQ-SOIL-02-QT2-2019



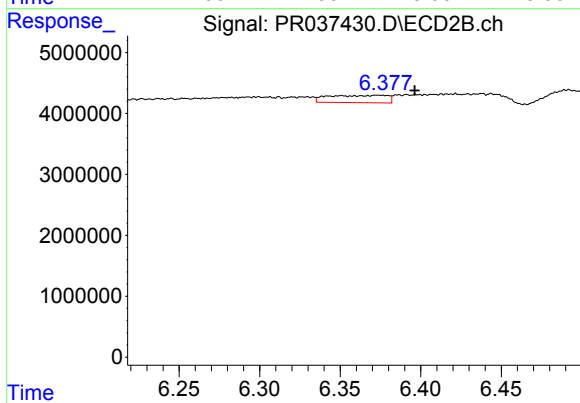
#29 AR-1254-4

R.T.: 5.984 min
Delta R.T.: -0.004 min
Response: 123372
Conc: 0.35 ng/ml



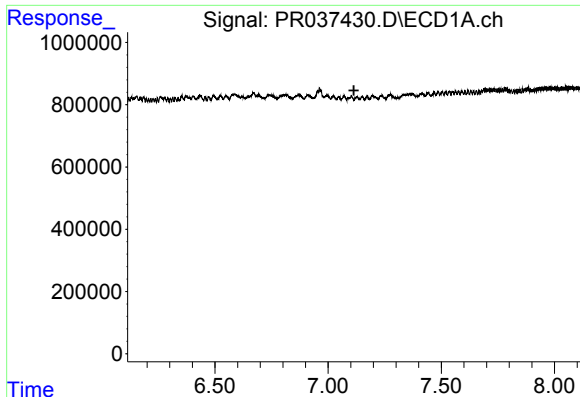
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T.: 7.654 min
Response: 0
Conc: N.D.



#30 AR-1254-5

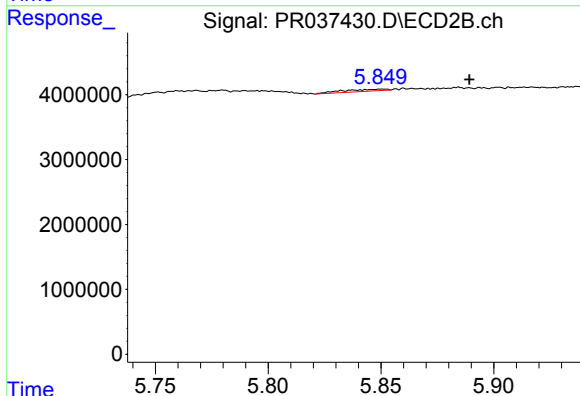
R.T.: 6.373 min
Delta R.T.: -0.023 min
Response: 3064030
Conc: 6.92 ng/ml



#31 AR-1260-1

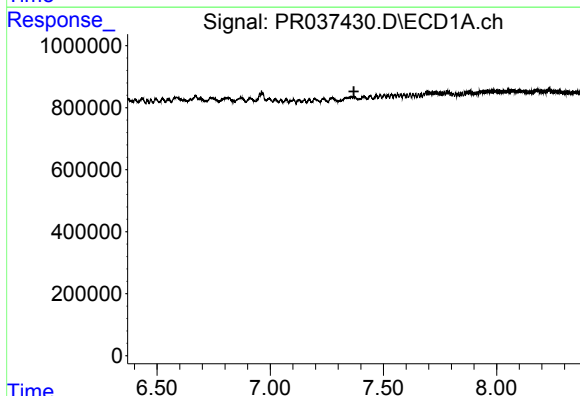
R.T.: 0.000 min
Exp R.T.: 7.114 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
LOQ-SOIL-02-QT2-2019



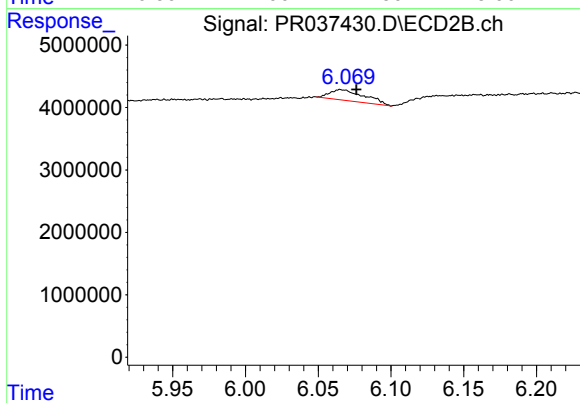
#31 AR-1260-1

R.T.: 5.851 min
Delta R.T.: -0.038 min
Response: 418807
Conc: 1.43 ng/ml



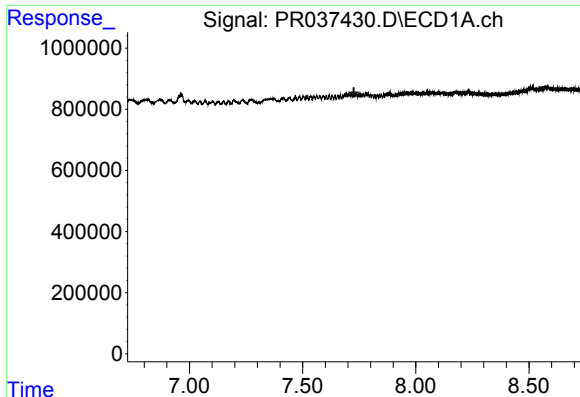
#32 AR-1260-2

R.T.: 0.000 min
Exp R.T.: 7.369 min
Response: 0
Conc: N.D.



#32 AR-1260-2

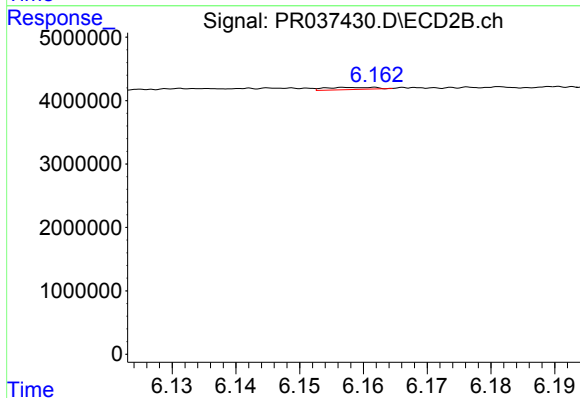
R.T.: 6.065 min
Delta R.T.: -0.011 min
Response: 2862716
Conc: 6.22 ng/ml



#33 AR-1260-3

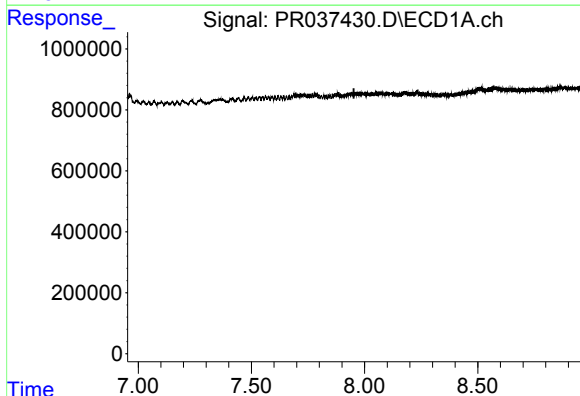
R.T.: 0.000 min
Exp R.T.: 7.726 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
LOQ-SOIL-02-QT2-2019



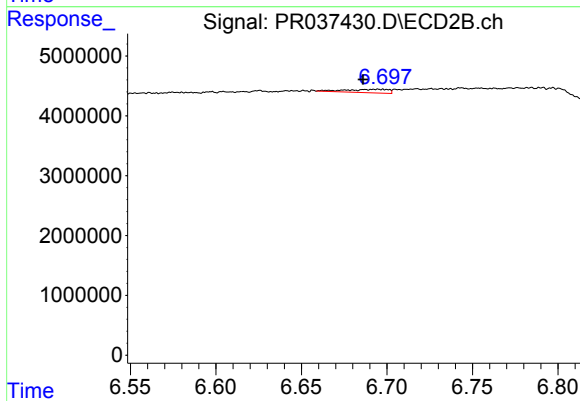
#33 AR-1260-3

R.T.: 6.158 min
Delta R.T.: -0.065 min
Response: 180535
Conc: 0.51 ng/ml



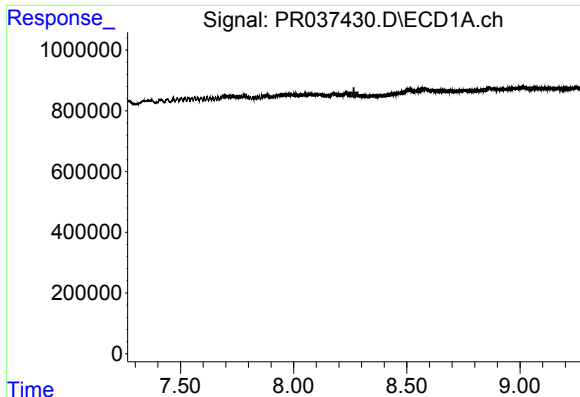
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T.: 7.953 min
Response: 0
Conc: N.D.



#34 AR-1260-4

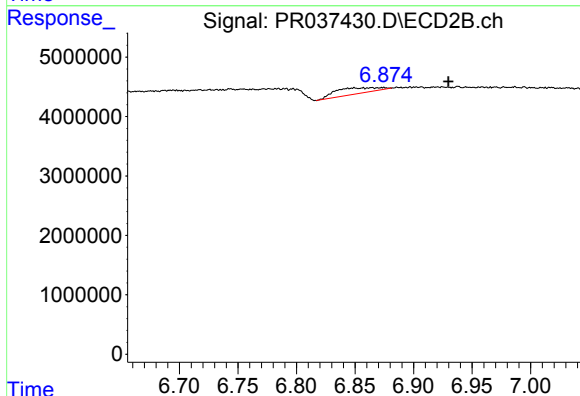
R.T.: 6.695 min
Delta R.T.: 0.009 min
Response: 1001183
Conc: 3.29 ng/ml



#35 AR-1260-5

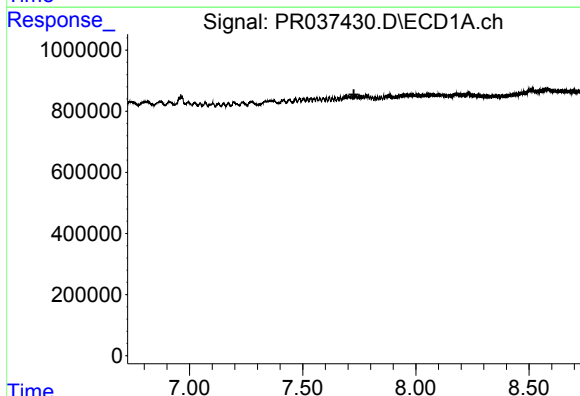
R.T.: 0.000 min
Exp R.T.: 8.266 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
LOQ-SOIL-02-QT2-2019



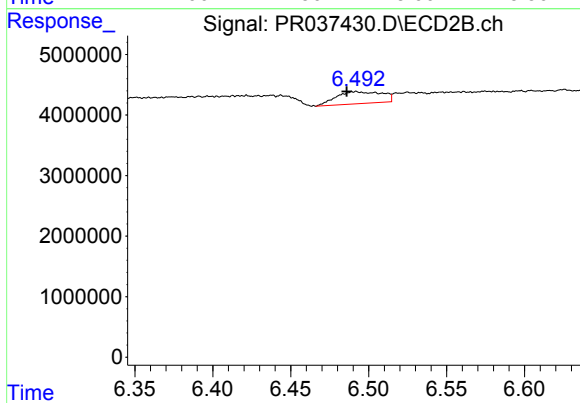
#35 AR-1260-5

R.T.: 6.875 min
Delta R.T.: -0.055 min
Response: 2537119
Conc: 2.93 ng/ml



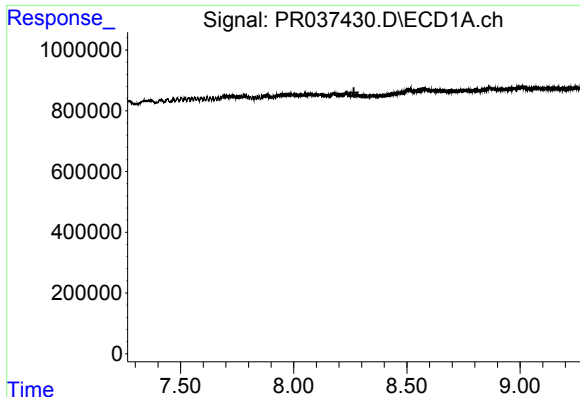
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T.: 7.726 min
Response: 0
Conc: N.D.



#36 AR-1262-1

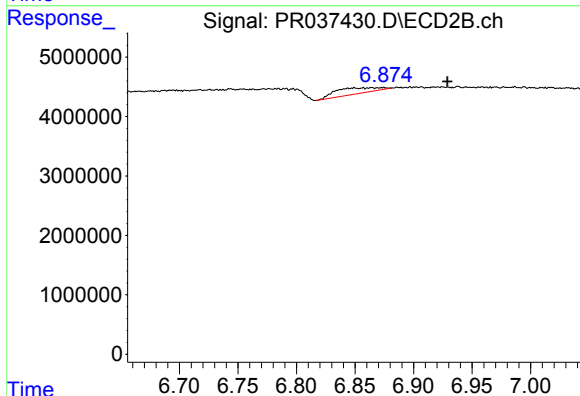
R.T.: 6.491 min
Delta R.T.: 0.005 min
Response: 4037056
Conc: 16.11 ng/ml



#37 AR-1262-2

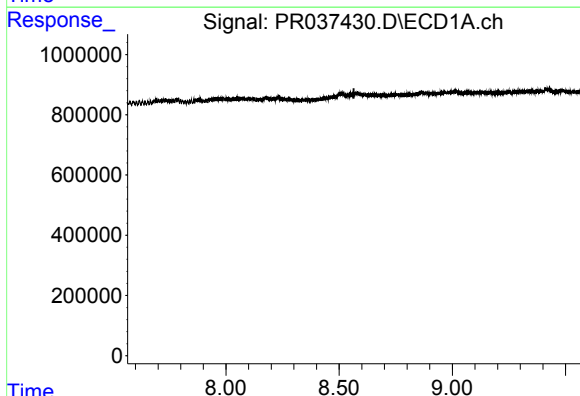
R.T.: 0.000 min
Exp R.T.: 8.266 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
LOQ-SOIL-02-QT2-2019



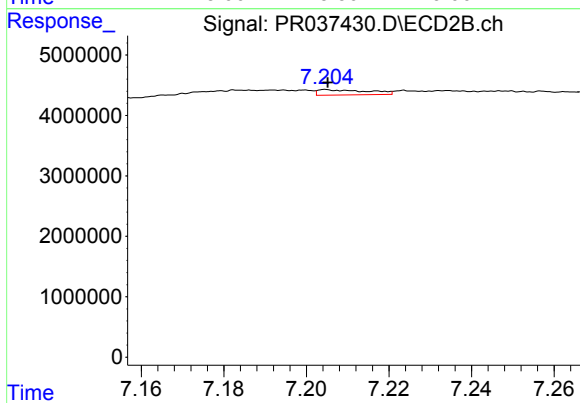
#37 AR-1262-2

R.T.: 6.875 min
Delta R.T.: -0.055 min
Response: 2537119
Conc: 2.02 ng/ml



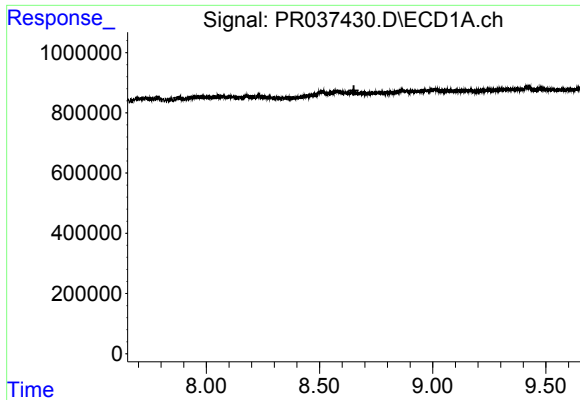
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T.: 8.565 min
Response: 0
Conc: N.D.



#38 AR-1262-3

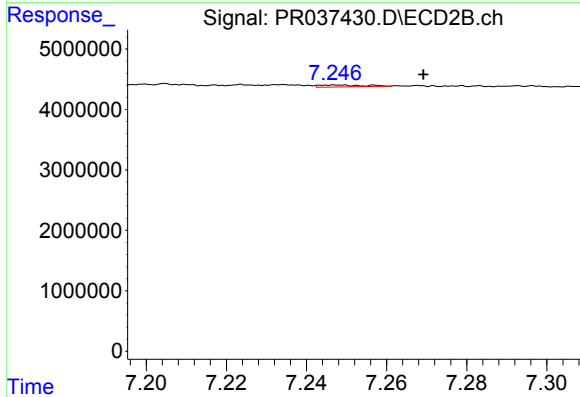
R.T.: 7.205 min
Delta R.T.: 0.000 min
Response: 749405
Conc: 1.37 ng/ml



#39 AR-1262-4

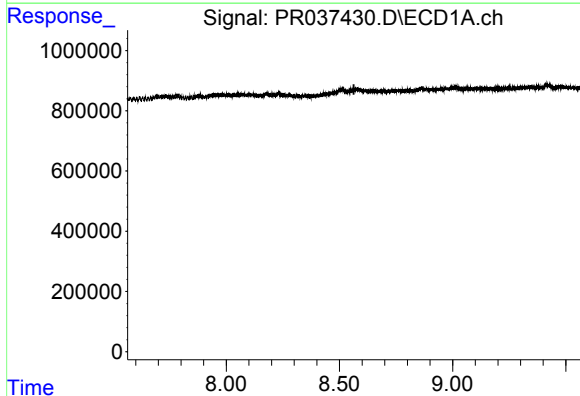
R.T.: 0.000 min
Exp R.T.: 8.652 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
LOQ-SOIL-02-QT2-2019



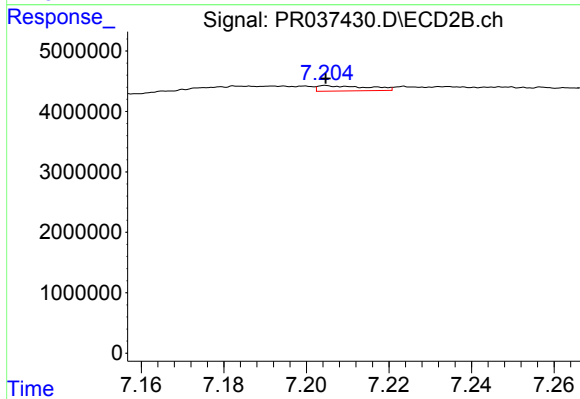
#39 AR-1262-4

R.T.: 7.247 min
Delta R.T.: -0.022 min
Response: 241782
Conc: 0.27 ng/ml



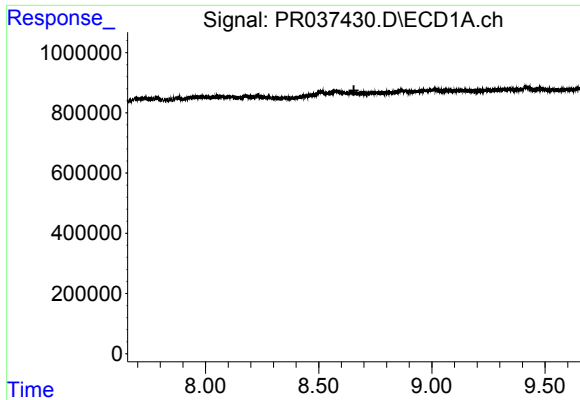
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T.: 8.564 min
Response: 0
Conc: N.D.



#41 AR-1268-1

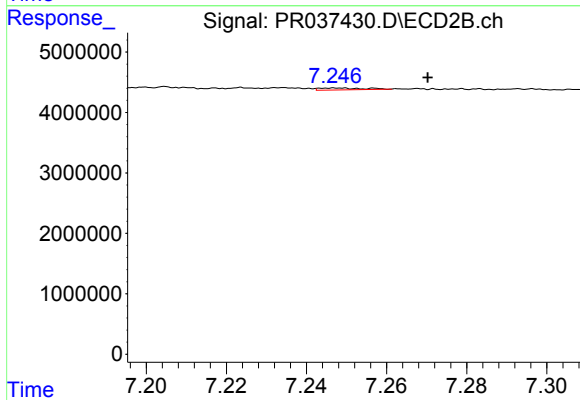
R.T.: 7.205 min
Delta R.T.: 0.000 min
Response: 749405
Conc: 0.61 ng/ml



#42 AR-1268-2

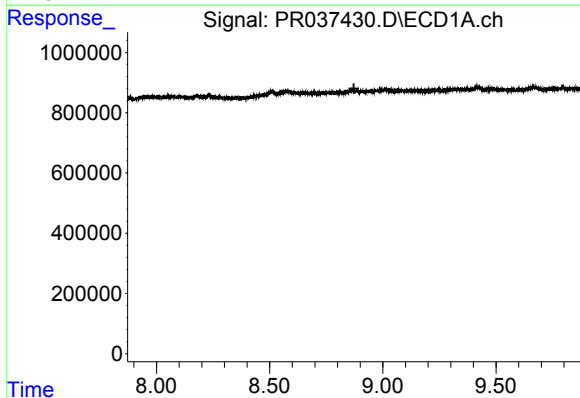
R.T.: 0.000 min
Exp R.T.: 8.655 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
LOQ-SOIL-02-QT2-2019



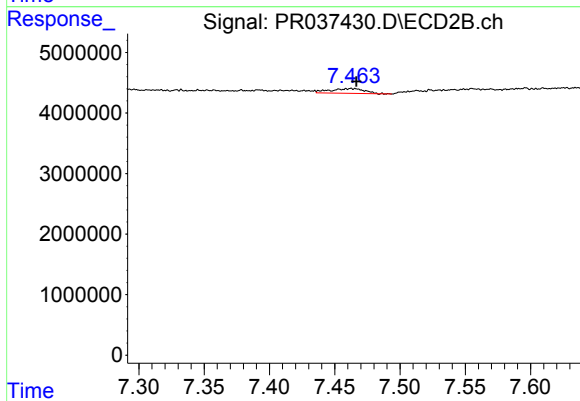
#42 AR-1268-2

R.T.: 7.247 min
Delta R.T.: -0.023 min
Response: 241782
Conc: 0.23 ng/ml



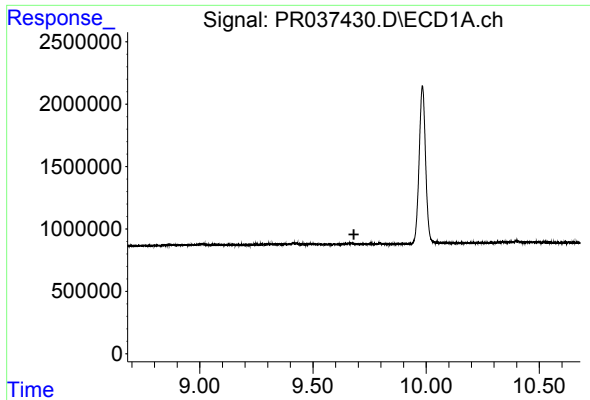
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T.: 8.872 min
Response: 0
Conc: N.D.



#43 AR-1268-3

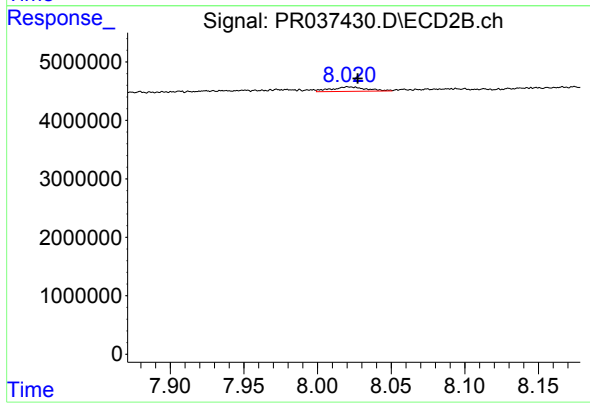
R.T.: 7.463 min
Delta R.T.: -0.004 min
Response: 1448510
Conc: 1.63 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 9.681 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
LOQ-SOIL-02-QT2-2019



#45 AR-1268-5

R.T.: 8.021 min
Delta R.T.: -0.006 min
Response: 1292861
Conc: 0.51 ng/ml