

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP082124\
 Data File : PP066757.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Aug 2024 14:11
 Operator : YP\AJ
 Sample : P3390-02
 Misc : AR1242 LOQ 50 PPB
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 LOQ-SOIL-02-QT3-2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 22 04:15:22 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP082024.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Aug 21 05:19:45 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...	4.703	3.982	25240639	19258983	17.045	14.730
2)	SA Decachlor...	10.623	9.145	16239557	12608192	18.505	15.135
Target Compounds							
3)	L1 AR-1016-1	5.877	5.090	1575173	1329440	36.959	33.163
4)	L1 AR-1016-2	5.900	5.109	2405178	1828521	35.952	30.684
5)	L1 AR-1016-3	5.963	5.290	1638528	856498	38.712	28.653 #
6)	L1 AR-1016-4	6.061	5.330	1135652	783045	34.807	29.880
7)	L1 AR-1016-5	6.357	5.550	1237530	1019141	39.021	31.385
8)	L2 AR-1221-1	4.905	0.000	359575	0	21.248	N.D. #
9)	L2 AR-1221-2	5.010	4.291	499379	574396	40.272	48.940
10)	L2 AR-1221-3	5.075	4.365	911436	896215	24.018	24.592
11)	L3 AR-1232-1	5.075	4.365	911436	896215	28.659	29.245
12)	L3 AR-1232-2	5.608	5.109	1361816	1828521	78.622	67.768
13)	L3 AR-1232-3	5.900	5.290	2405178	856498	79.673	63.865
14)	L3 AR-1232-4	6.061	5.373	1135652	931818	77.108	72.491
15)	L3 AR-1232-5	6.150	5.550	1107713	1019141	93.317	73.590
16)	L4 AR-1242-1	5.877	5.090	1575173	1329440	48.847	43.331
17)	L4 AR-1242-2	5.900	5.109	2405178	1828521	47.525	40.354
18)	L4 AR-1242-3	5.963	5.290	1638528	856498	51.854	36.667 #
19)	L4 AR-1242-4	6.061	5.373	1135652	931818	45.829	37.031
20)	L4 AR-1242-5	6.802	5.906	1196442	1031666	47.613	36.472
21)	L5 AR-1248-1	5.877	5.090	1575173	1329440	61.630	54.910
22)	L5 AR-1248-2	6.150	5.330	1107713	783045	27.568	21.681
23)	L5 AR-1248-3	6.357	5.373	1237530	931818	28.382	24.958
24)	L5 AR-1248-4	6.761	5.550	1138667	1019141	25.776	23.098
25)	L5 AR-1248-5	6.802	5.951	1196442	796609	26.099	21.088
26)	L6 AR-1254-1	6.736	5.906	788229	1031666	15.967	17.221
27)	L6 AR-1254-2	6.960	6.057	1831882	359704	25.108	6.731 #
28)	L6 AR-1254-3	7.325	6.469	697923	492494	9.989	6.228 #
29)	L6 AR-1254-4	0.000	6.698	0	550628	N.D.	13.620 #
30)	L6 AR-1254-5	8.029	7.145f	1759341	461738	26.537	7.184 #
31)	L7 AR-1260-1	0.000	6.605	0	430301	N.D.	7.280 #
32)	L7 AR-1260-2	0.000	6.783	0	297819	N.D.	4.371 #
33)	L7 AR-1260-3	0.000	6.951	0	426822	N.D.	6.569 #
34)	L7 AR-1260-4	0.000	7.437	0	1008591	N.D.	22.395 #
35)	L7 AR-1260-5	8.671	7.654	183996	114713	2.068	1.189 #
36)	L8 AR-1262-1	8.029	7.145f	1759341	461738	38.966	14.445 #
37)	L8 AR-1262-2	8.671	7.437f	183996	1008591	1.685	16.175 #
38)	L8 AR-1262-3	0.000	7.955	0	35097	N.D.	0.784 #
39)	L8 AR-1262-4	9.116	0.000	108722	0	1.863	N.D. #
41)	L9 AR-1268-1	0.000	7.955	0	35097	N.D.	0.280 #
42)	L9 AR-1268-2	9.116	0.000	108722	0	0.986	N.D. #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP082124\
 Data File : PP066757.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Aug 2024 14:11
 Operator : YP\AJ
 Sample : P3390-02
 Misc : AR1242 LOQ 50 PPB
 ALS Vial : 20 Sample Multiplier: 1

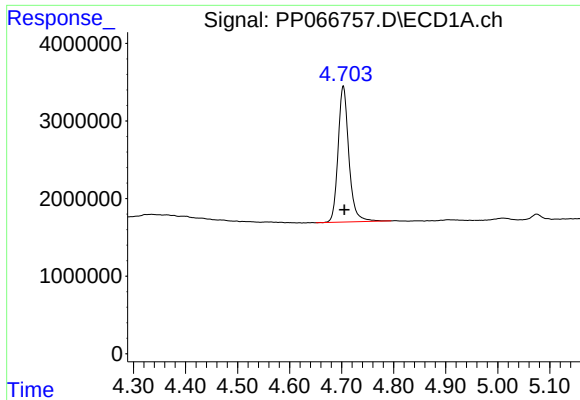
Instrument :
 ECD_P
 ClientSampleId :
 LOQ-SOIL-02-QT3-2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 22 04:15:22 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP082024.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Aug 21 05:19:45 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
43) L9	AR-1268-3	9.380f	8.248f	275498	29846	2.776	0.300 #
45) L9	AR-1268-5	10.280f	8.871	249047	176028	0.873	0.606 #

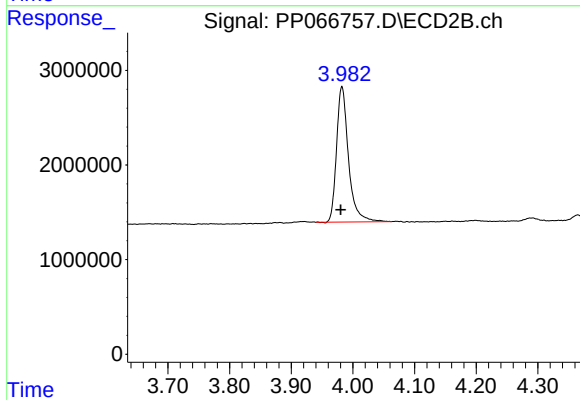
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

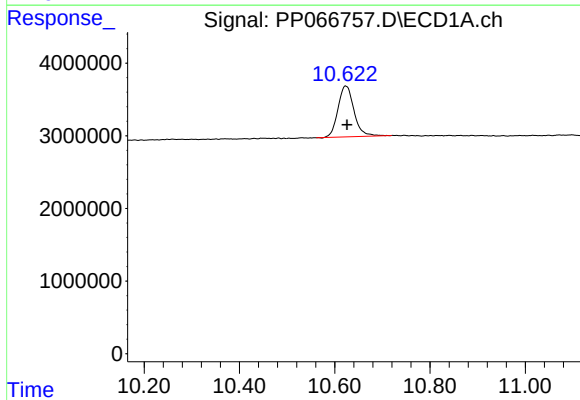
R.T.: 4.703 min
Delta R.T.: -0.002 min
Response: 25240639
Conc: 17.05 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOQ-SOIL-02-QT3-2024



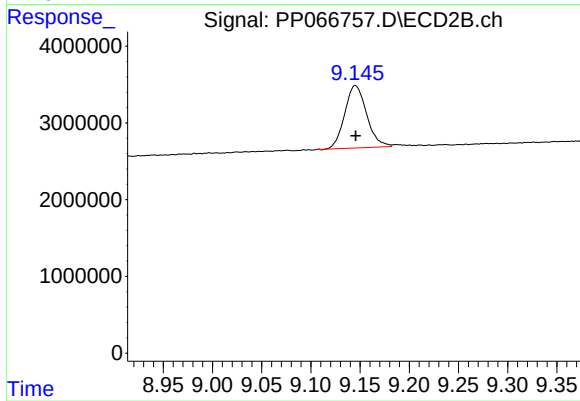
#1 Tetrachloro-m-xylene

R.T.: 3.982 min
Delta R.T.: 0.002 min
Response: 19258983
Conc: 14.73 ng/ml



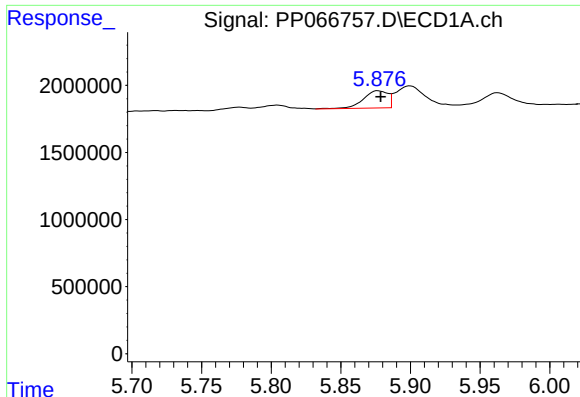
#2 Decachlorobiphenyl

R.T.: 10.623 min
Delta R.T.: -0.003 min
Response: 16239557
Conc: 18.51 ng/ml



#2 Decachlorobiphenyl

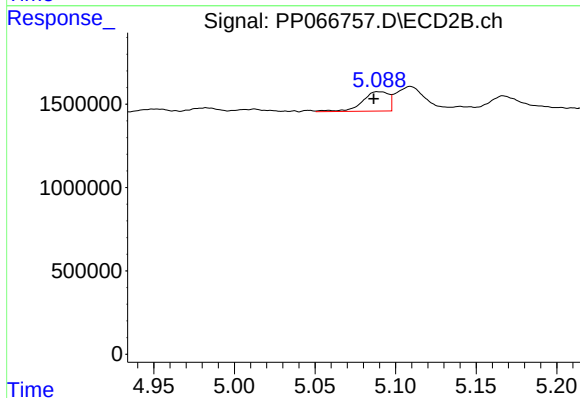
R.T.: 9.145 min
Delta R.T.: 0.000 min
Response: 12608192
Conc: 15.13 ng/ml



#3 AR-1016-1

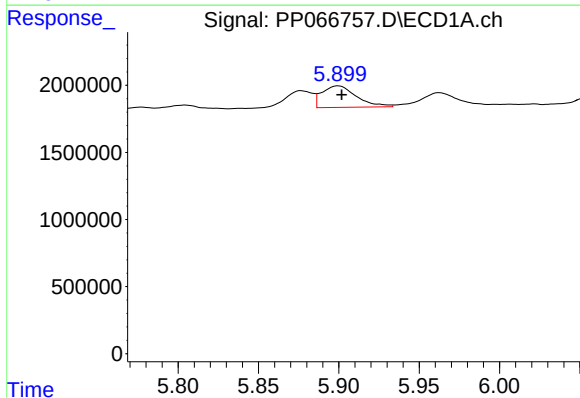
R.T.: 5.877 min
Delta R.T.: -0.002 min
Response: 1575173
Conc: 36.96 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOQ-SOIL-02-QT3-2024



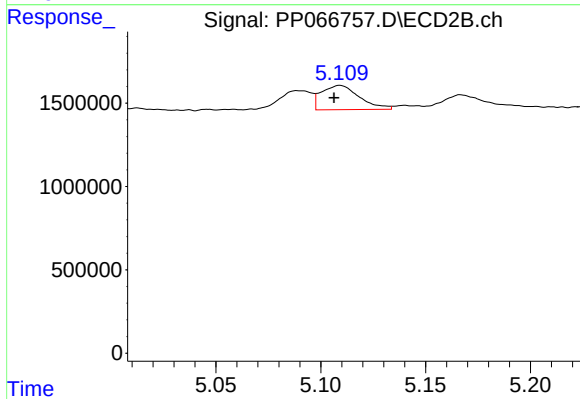
#3 AR-1016-1

R.T.: 5.090 min
Delta R.T.: 0.003 min
Response: 1329440
Conc: 33.16 ng/ml



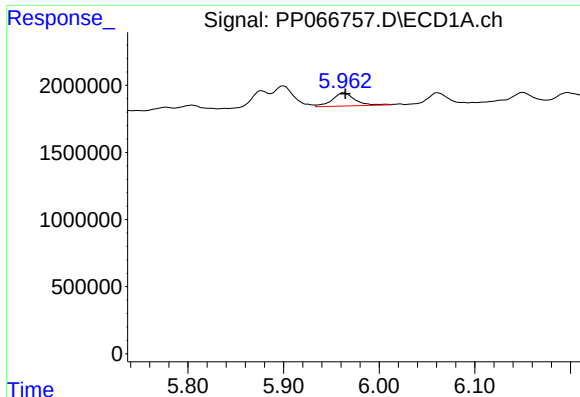
#4 AR-1016-2

R.T.: 5.900 min
Delta R.T.: -0.002 min
Response: 2405178
Conc: 35.95 ng/ml



#4 AR-1016-2

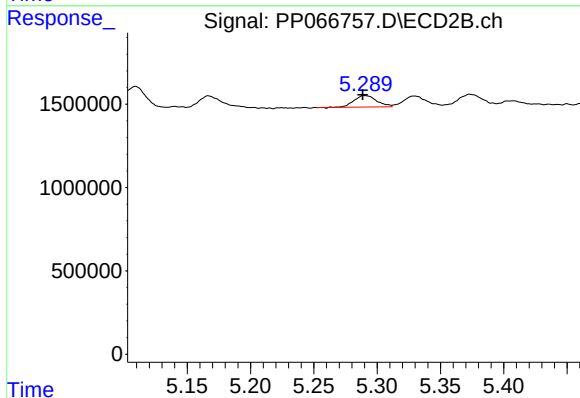
R.T.: 5.109 min
Delta R.T.: 0.003 min
Response: 1828521
Conc: 30.68 ng/ml



#5 AR-1016-3

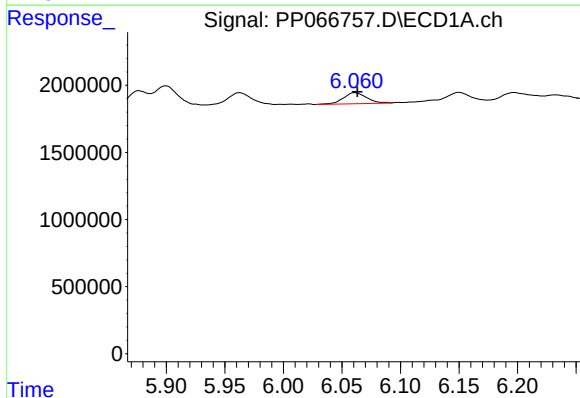
R.T.: 5.963 min
Delta R.T.: -0.002 min
Response: 1638528
Conc: 38.71 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOQ-SOIL-02-QT3-2024



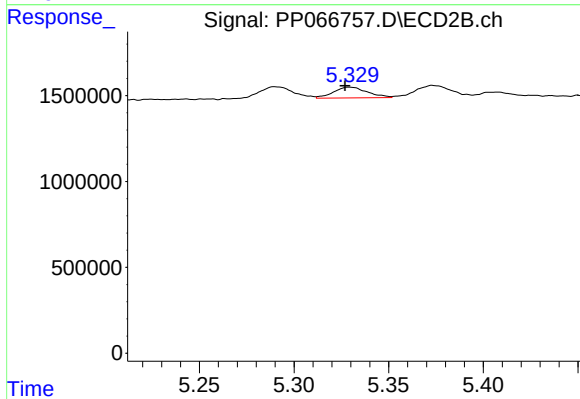
#5 AR-1016-3

R.T.: 5.290 min
Delta R.T.: 0.002 min
Response: 856498
Conc: 28.65 ng/ml



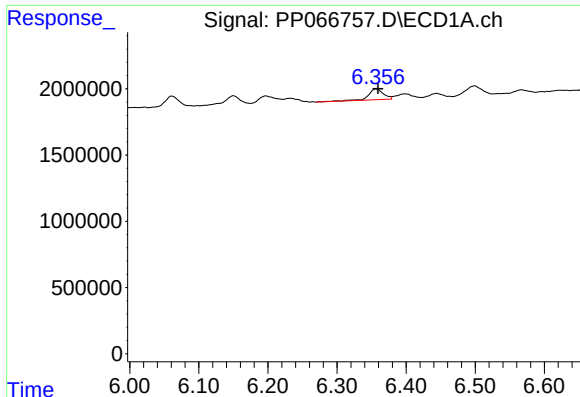
#6 AR-1016-4

R.T.: 6.061 min
Delta R.T.: -0.002 min
Response: 1135652
Conc: 34.81 ng/ml



#6 AR-1016-4

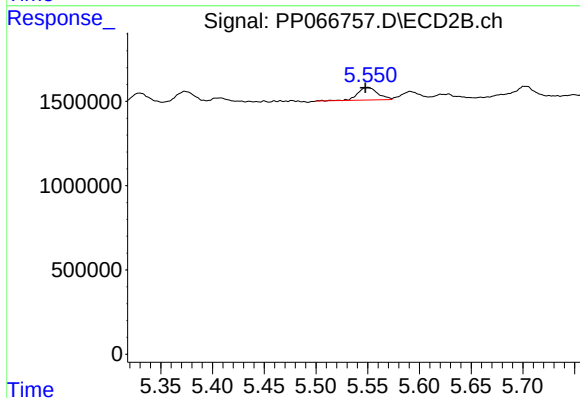
R.T.: 5.330 min
Delta R.T.: 0.003 min
Response: 783045
Conc: 29.88 ng/ml



#7 AR-1016-5

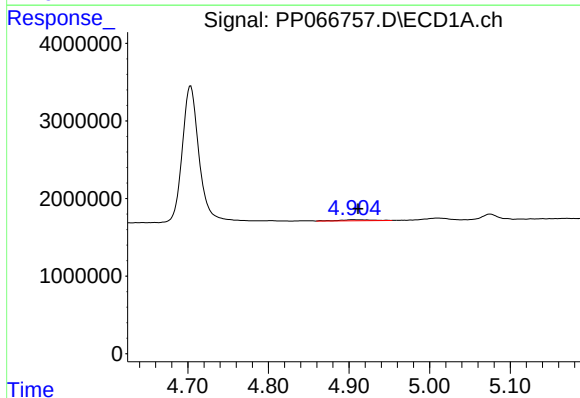
R.T.: 6.357 min
Delta R.T.: -0.003 min
Response: 1237530
Conc: 39.02 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOQ-SOIL-02-QT3-2024



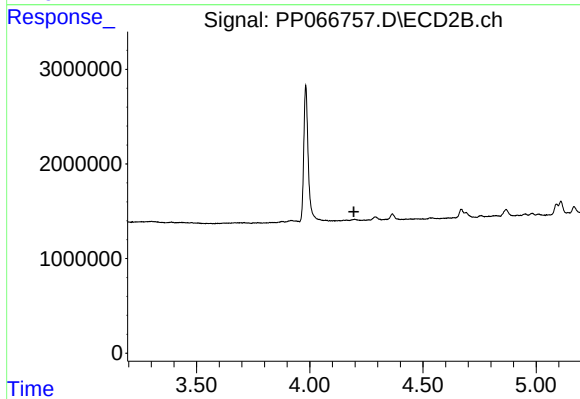
#7 AR-1016-5

R.T.: 5.550 min
Delta R.T.: 0.002 min
Response: 1019141
Conc: 31.38 ng/ml



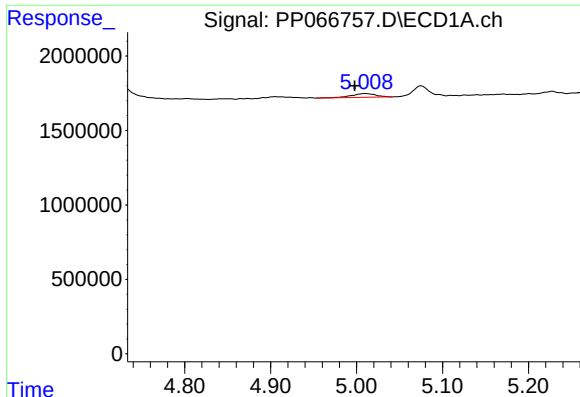
#8 AR-1221-1

R.T.: 4.905 min
Delta R.T.: -0.006 min
Response: 359575
Conc: 21.25 ng/ml



#8 AR-1221-1

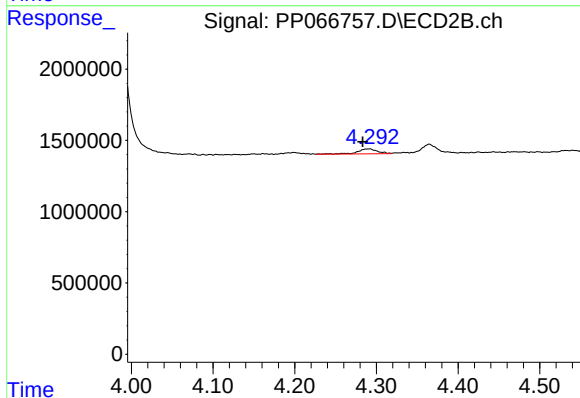
R.T.: 0.000 min
Exp R.T. : 4.195 min
Response: 0
Conc: N.D.



#9 AR-1221-2

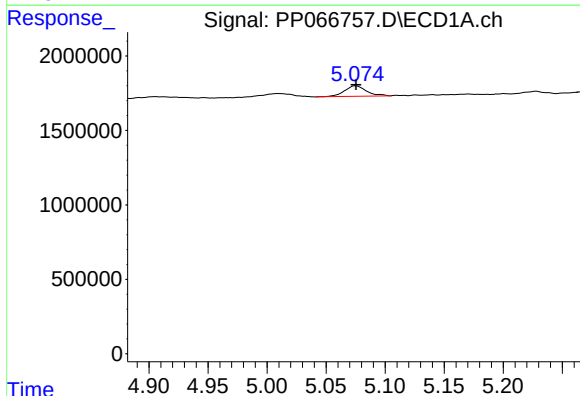
R.T.: 5.010 min
Delta R.T.: 0.012 min
Response: 499379
Conc: 40.27 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOQ-SOIL-02-QT3-2024



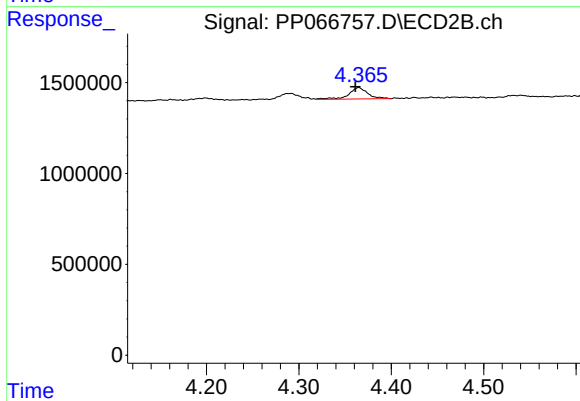
#9 AR-1221-2

R.T.: 4.291 min
Delta R.T.: 0.008 min
Response: 574396
Conc: 48.94 ng/ml



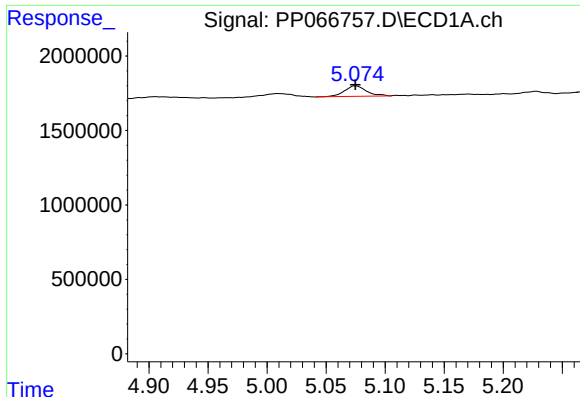
#10 AR-1221-3

R.T.: 5.075 min
Delta R.T.: 0.000 min
Response: 911436
Conc: 24.02 ng/ml



#10 AR-1221-3

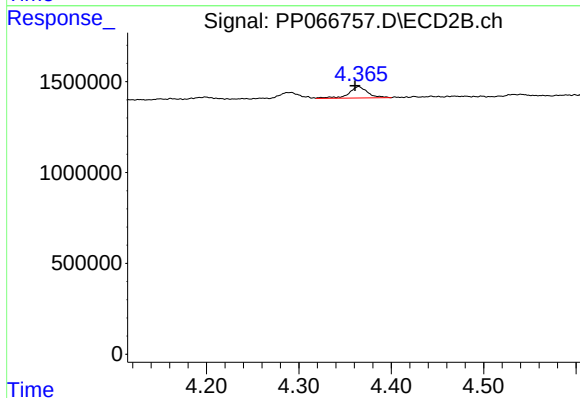
R.T.: 4.365 min
Delta R.T.: 0.003 min
Response: 896215
Conc: 24.59 ng/ml



#11 AR-1232-1

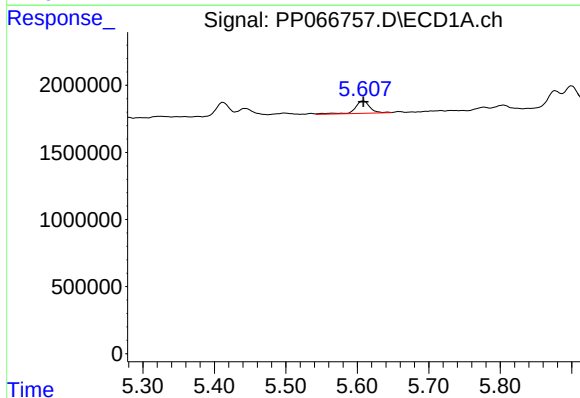
R.T.: 5.075 min
Delta R.T.: 0.000 min
Response: 911436
Conc: 28.66 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOQ-SOIL-02-QT3-2024



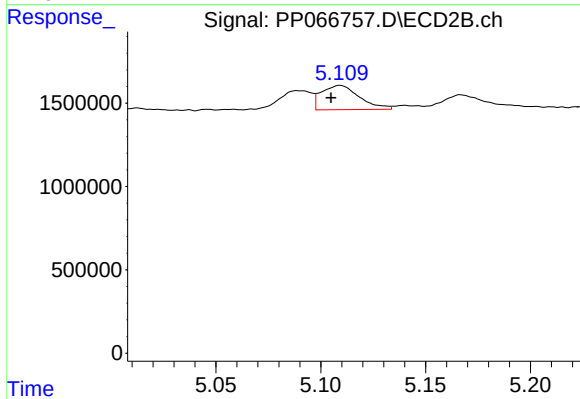
#11 AR-1232-1

R.T.: 4.365 min
Delta R.T.: 0.004 min
Response: 896215
Conc: 29.25 ng/ml



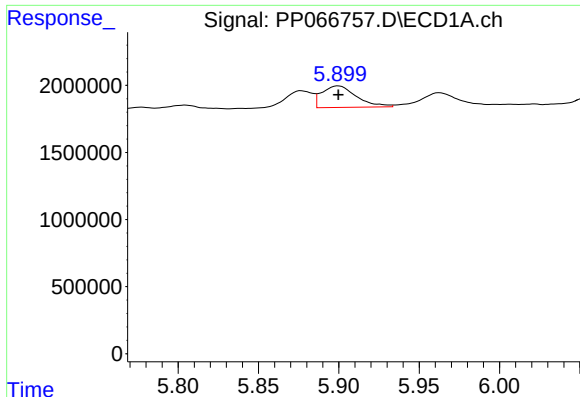
#12 AR-1232-2

R.T.: 5.608 min
Delta R.T.: 0.000 min
Response: 1361816
Conc: 78.62 ng/ml



#12 AR-1232-2

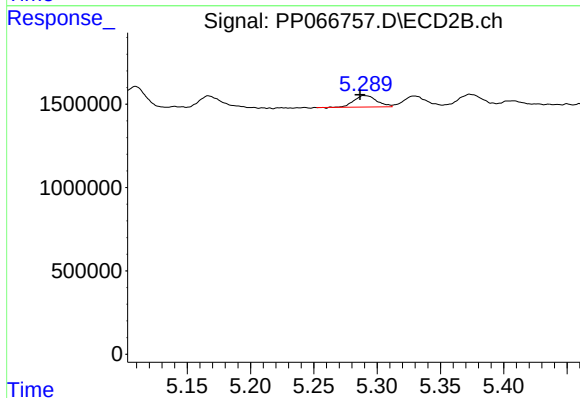
R.T.: 5.109 min
Delta R.T.: 0.004 min
Response: 1828521
Conc: 67.77 ng/ml



#13 AR-1232-3

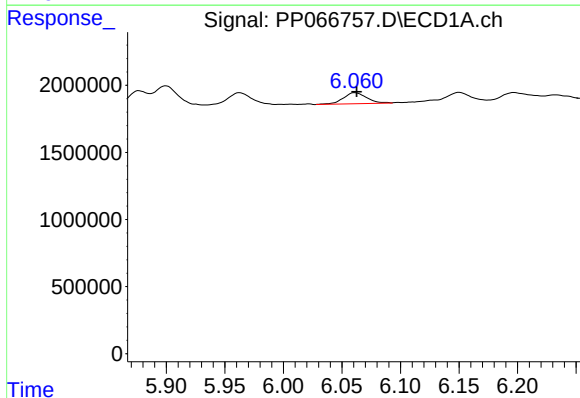
R.T.: 5.900 min
Delta R.T.: 0.000 min
Response: 2405178
Conc: 79.67 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOQ-SOIL-02-QT3-2024



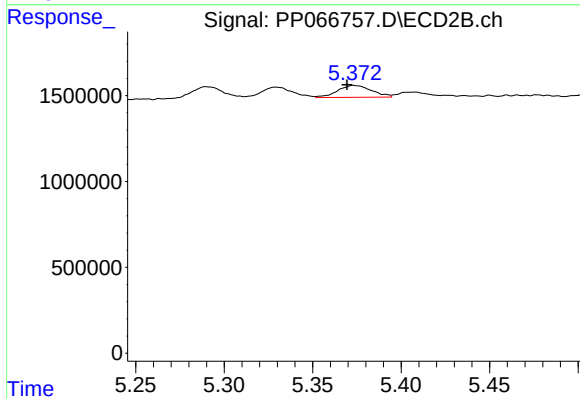
#13 AR-1232-3

R.T.: 5.290 min
Delta R.T.: 0.004 min
Response: 856498
Conc: 63.86 ng/ml



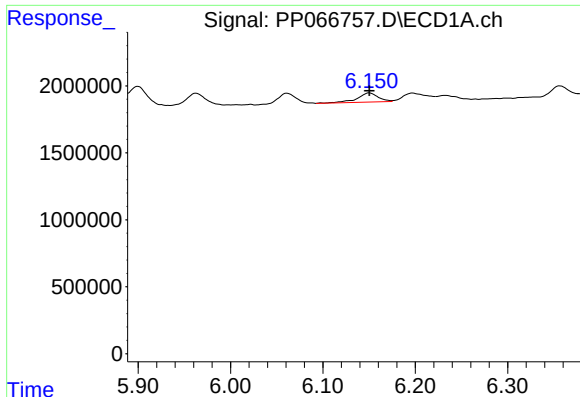
#14 AR-1232-4

R.T.: 6.061 min
Delta R.T.: -0.001 min
Response: 1135652
Conc: 77.11 ng/ml



#14 AR-1232-4

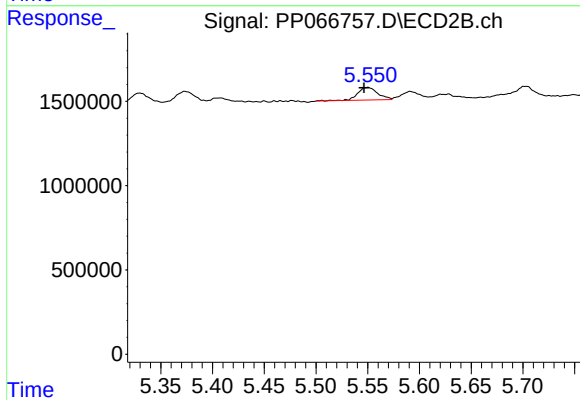
R.T.: 5.373 min
Delta R.T.: 0.004 min
Response: 931818
Conc: 72.49 ng/ml



#15 AR-1232-5

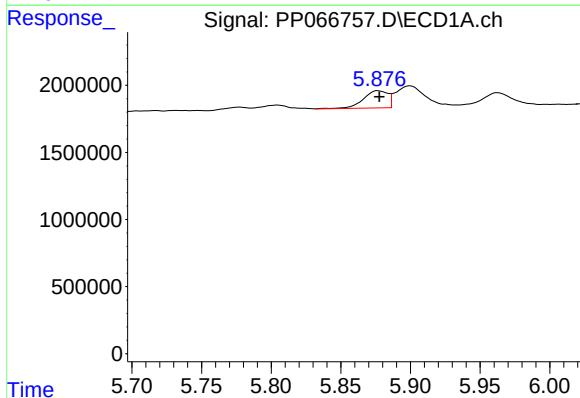
R.T.: 6.150 min
Delta R.T.: 0.000 min
Response: 1107713
Conc: 93.32 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOQ-SOIL-02-QT3-2024



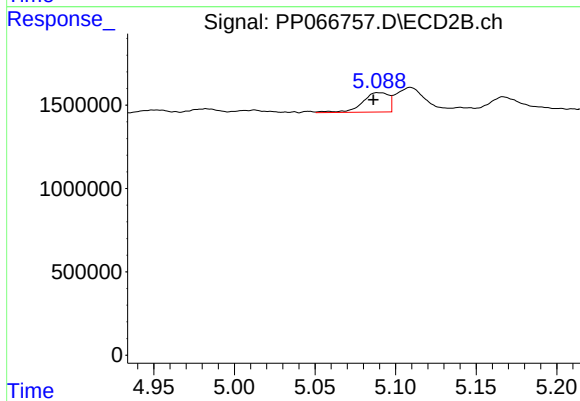
#15 AR-1232-5

R.T.: 5.550 min
Delta R.T.: 0.003 min
Response: 1019141
Conc: 73.59 ng/ml



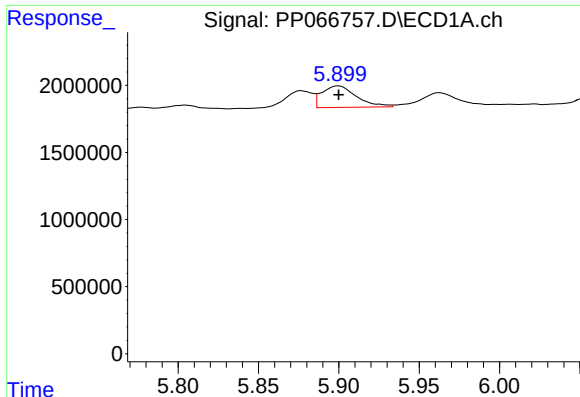
#16 AR-1242-1

R.T.: 5.877 min
Delta R.T.: 0.000 min
Response: 1575173
Conc: 48.85 ng/ml



#16 AR-1242-1

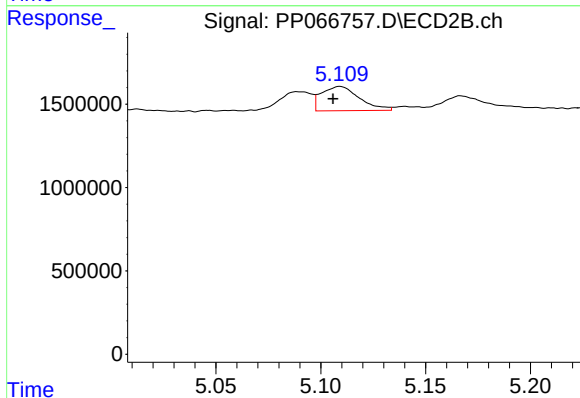
R.T.: 5.090 min
Delta R.T.: 0.003 min
Response: 1329440
Conc: 43.33 ng/ml



#17 AR-1242-2

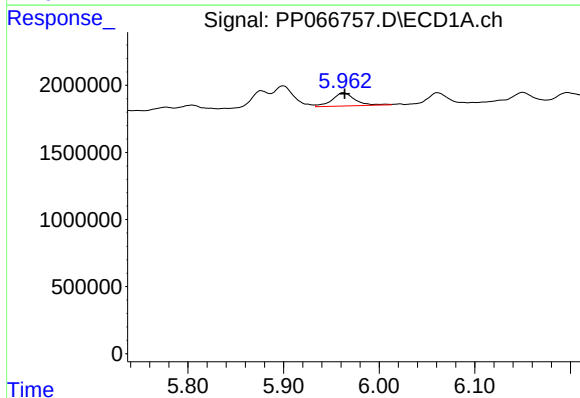
R.T.: 5.900 min
Delta R.T.: 0.000 min
Response: 2405178
Conc: 47.53 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOQ-SOIL-02-QT3-2024



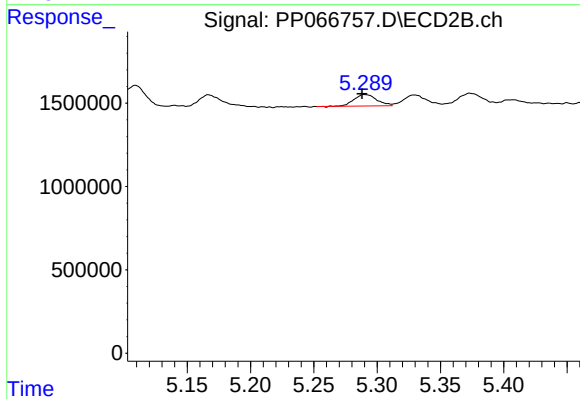
#17 AR-1242-2

R.T.: 5.109 min
Delta R.T.: 0.003 min
Response: 1828521
Conc: 40.35 ng/ml



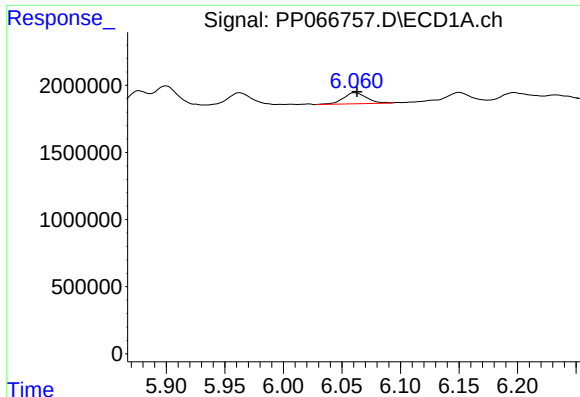
#18 AR-1242-3

R.T.: 5.963 min
Delta R.T.: -0.001 min
Response: 1638528
Conc: 51.85 ng/ml



#18 AR-1242-3

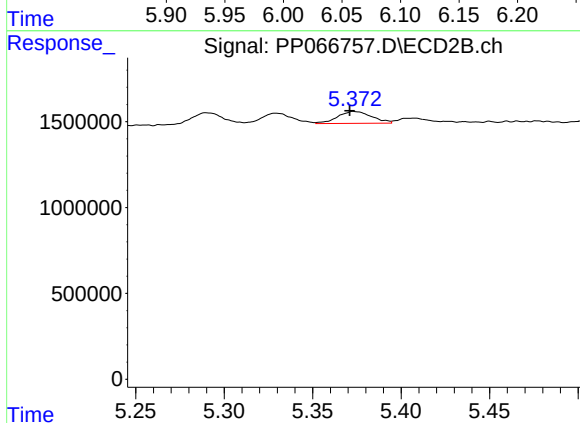
R.T.: 5.290 min
Delta R.T.: 0.002 min
Response: 856498
Conc: 36.67 ng/ml



#19 AR-1242-4

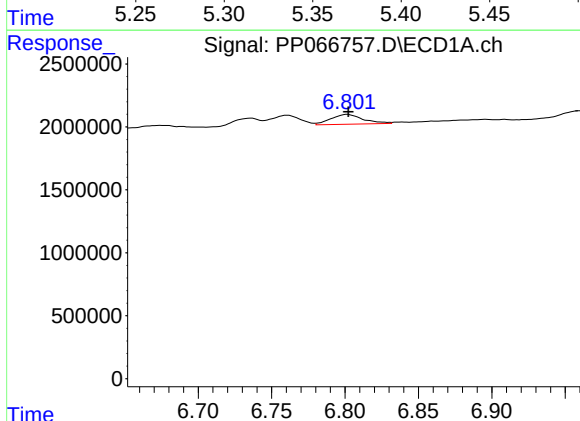
R.T.: 6.061 min
Delta R.T.: -0.001 min
Response: 1135652
Conc: 45.83 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOQ-SOIL-02-QT3-2024



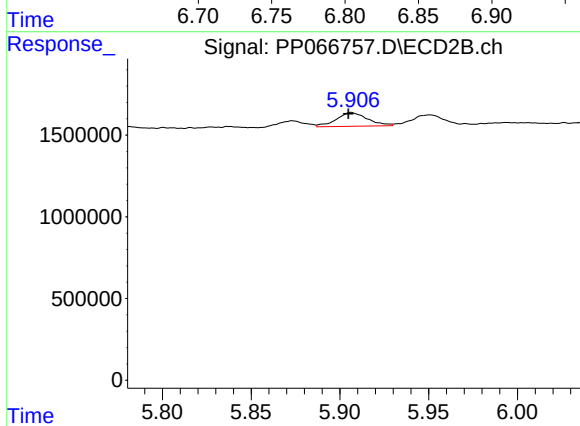
#19 AR-1242-4

R.T.: 5.373 min
Delta R.T.: 0.003 min
Response: 931818
Conc: 37.03 ng/ml



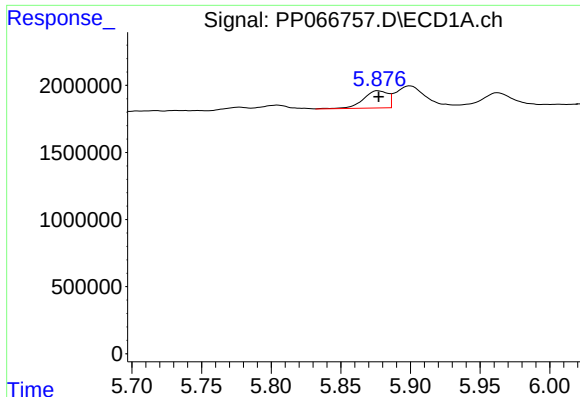
#20 AR-1242-5

R.T.: 6.802 min
Delta R.T.: 0.000 min
Response: 1196442
Conc: 47.61 ng/ml



#20 AR-1242-5

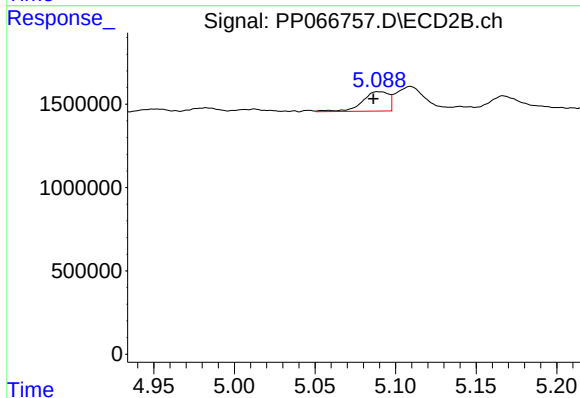
R.T.: 5.906 min
Delta R.T.: 0.002 min
Response: 1031666
Conc: 36.47 ng/ml



#21 AR-1248-1

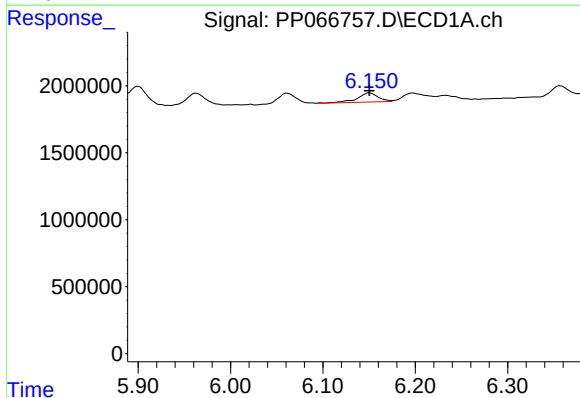
R.T.: 5.877 min
Delta R.T.: 0.000 min
Response: 1575173
Conc: 61.63 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOQ-SOIL-02-QT3-2024



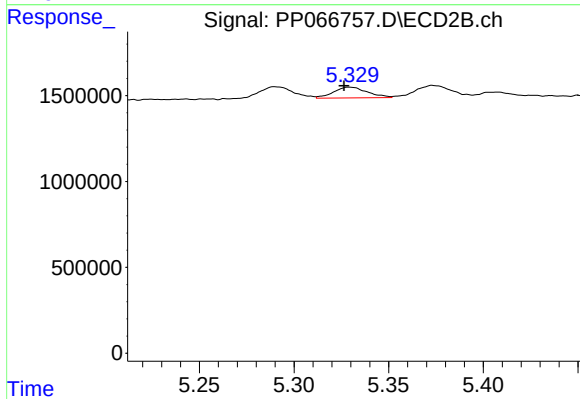
#21 AR-1248-1

R.T.: 5.090 min
Delta R.T.: 0.003 min
Response: 1329440
Conc: 54.91 ng/ml



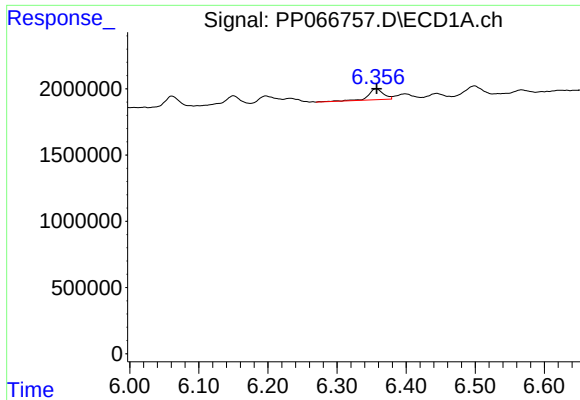
#22 AR-1248-2

R.T.: 6.150 min
Delta R.T.: 0.000 min
Response: 1107713
Conc: 27.57 ng/ml



#22 AR-1248-2

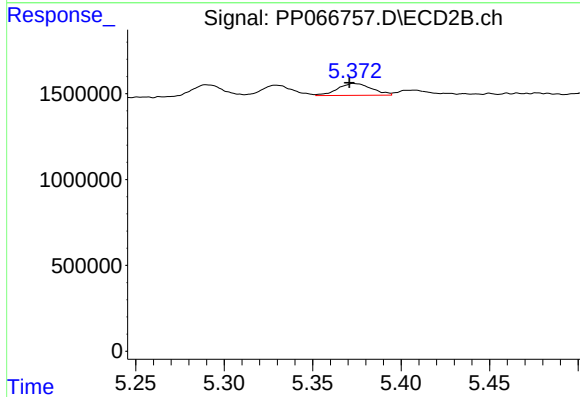
R.T.: 5.330 min
Delta R.T.: 0.003 min
Response: 783045
Conc: 21.68 ng/ml



#23 AR-1248-3

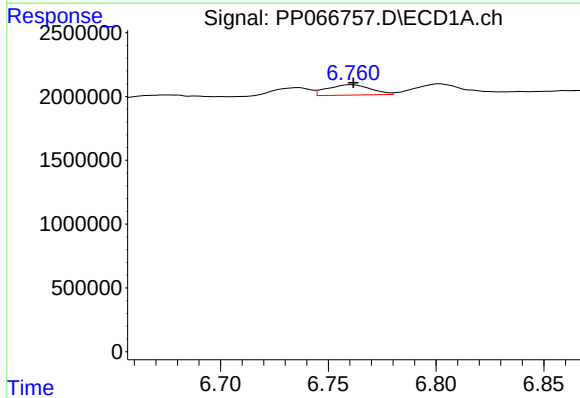
R.T.: 6.357 min
Delta R.T.: 0.000 min
Response: 1237530
Conc: 28.38 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOQ-SOIL-02-QT3-2024



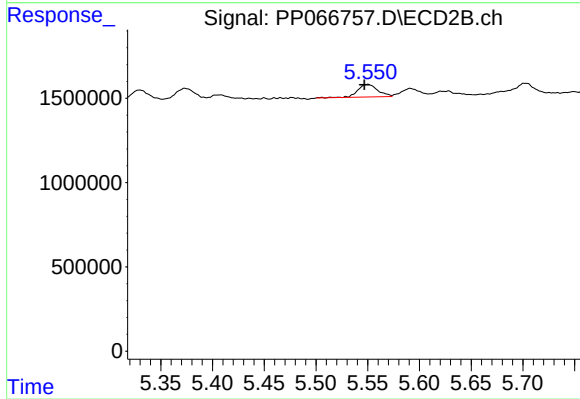
#23 AR-1248-3

R.T.: 5.373 min
Delta R.T.: 0.003 min
Response: 931818
Conc: 24.96 ng/ml



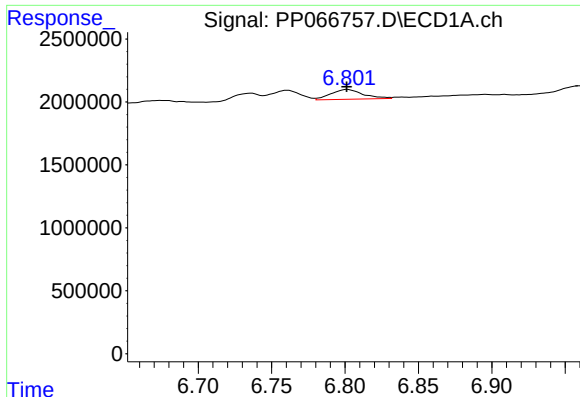
#24 AR-1248-4

R.T.: 6.761 min
Delta R.T.: -0.001 min
Response: 1138667
Conc: 25.78 ng/ml



#24 AR-1248-4

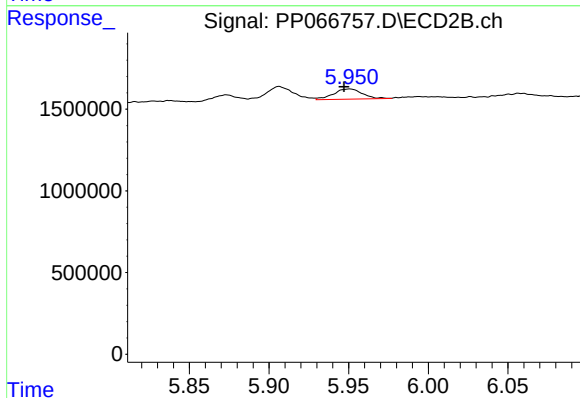
R.T.: 5.550 min
Delta R.T.: 0.003 min
Response: 1019141
Conc: 23.10 ng/ml



#25 AR-1248-5

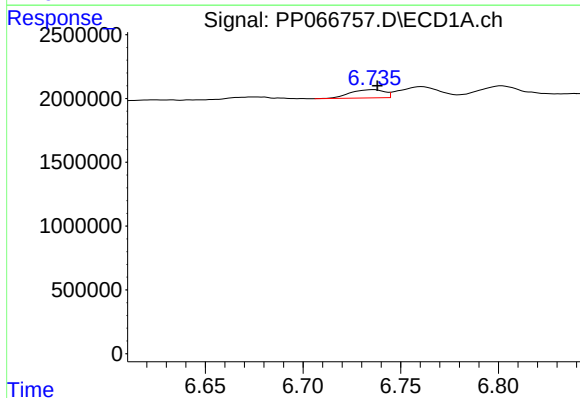
R.T.: 6.802 min
Delta R.T.: 0.000 min
Response: 1196442
Conc: 26.10 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOQ-SOIL-02-QT3-2024



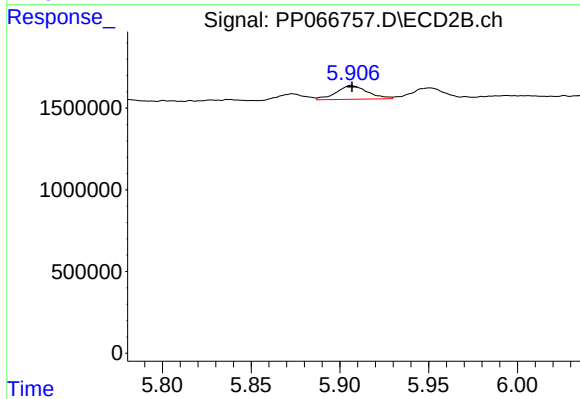
#25 AR-1248-5

R.T.: 5.951 min
Delta R.T.: 0.003 min
Response: 796609
Conc: 21.09 ng/ml



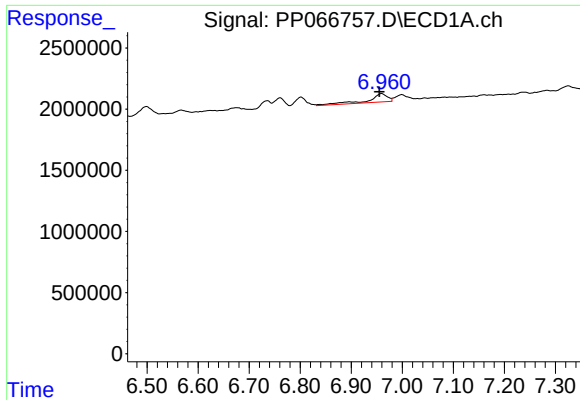
#26 AR-1254-1

R.T.: 6.736 min
Delta R.T.: -0.003 min
Response: 788229
Conc: 15.97 ng/ml



#26 AR-1254-1

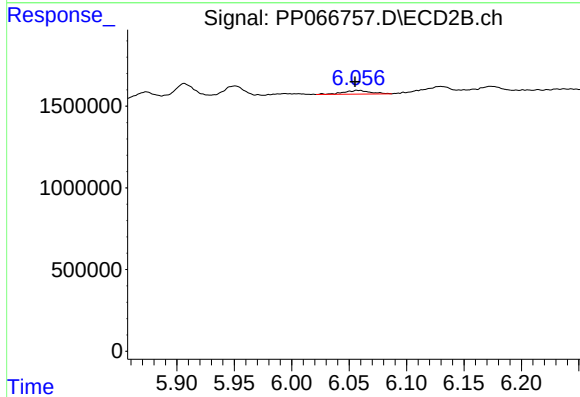
R.T.: 5.906 min
Delta R.T.: 0.000 min
Response: 1031666
Conc: 17.22 ng/ml



#27 AR-1254-2

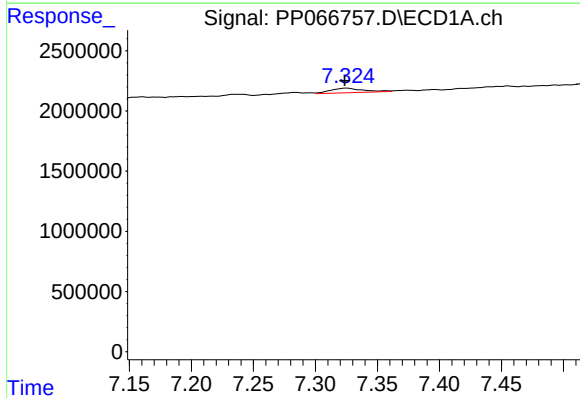
R.T.: 6.960 min
Delta R.T.: 0.004 min
Response: 1831882
Conc: 25.11 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOQ-SOIL-02-QT3-2024



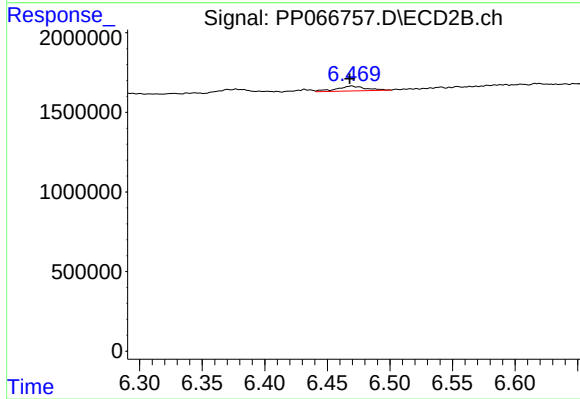
#27 AR-1254-2

R.T.: 6.057 min
Delta R.T.: 0.002 min
Response: 359704
Conc: 6.73 ng/ml



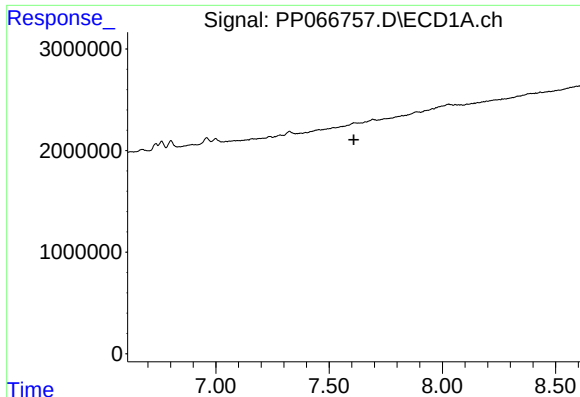
#28 AR-1254-3

R.T.: 7.325 min
Delta R.T.: 0.001 min
Response: 697923
Conc: 9.99 ng/ml



#28 AR-1254-3

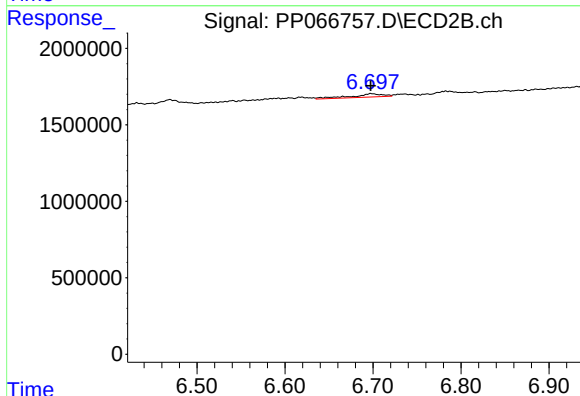
R.T.: 6.469 min
Delta R.T.: 0.001 min
Response: 492494
Conc: 6.23 ng/ml



#29 AR-1254-4

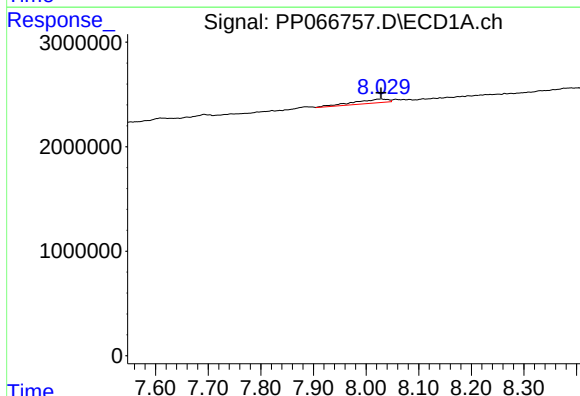
R.T.: 0.000 min
Exp R.T.: 7.609 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
LOQ-SOIL-02-QT3-2024



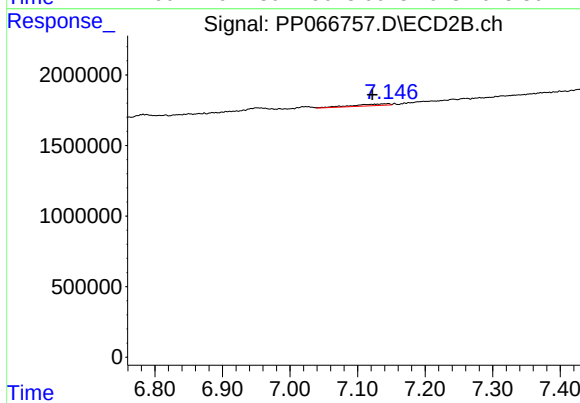
#29 AR-1254-4

R.T.: 6.698 min
Delta R.T.: 0.000 min
Response: 550628
Conc: 13.62 ng/ml



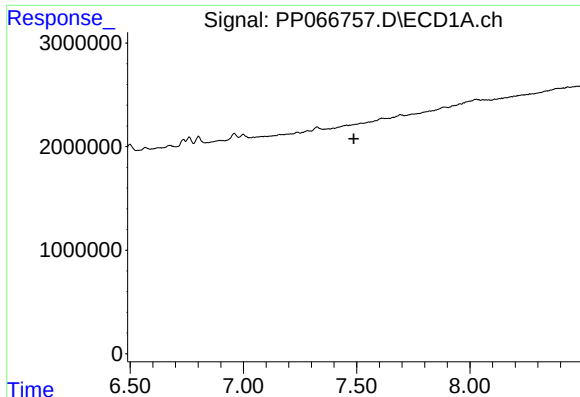
#30 AR-1254-5

R.T.: 8.029 min
Delta R.T.: 0.000 min
Response: 1759341
Conc: 26.54 ng/ml



#30 AR-1254-5

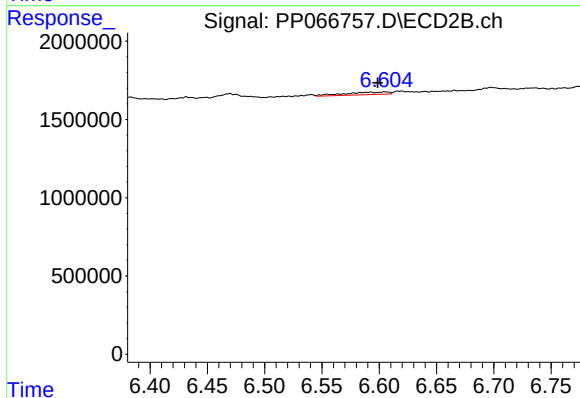
R.T.: 7.145 min
Delta R.T.: 0.023 min
Response: 461738
Conc: 7.18 ng/ml



#31 AR-1260-1

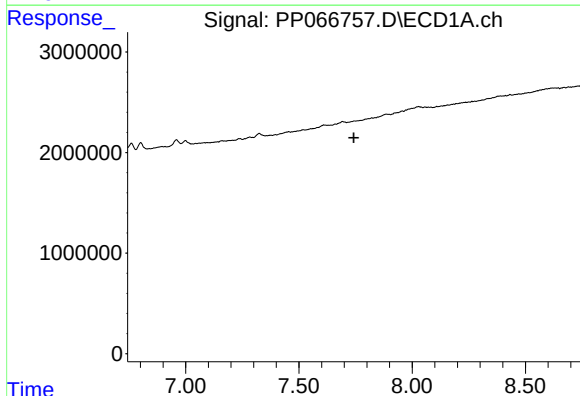
R.T.: 0.000 min
Exp R.T.: 7.487 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
LOQ-SOIL-02-QT3-2024



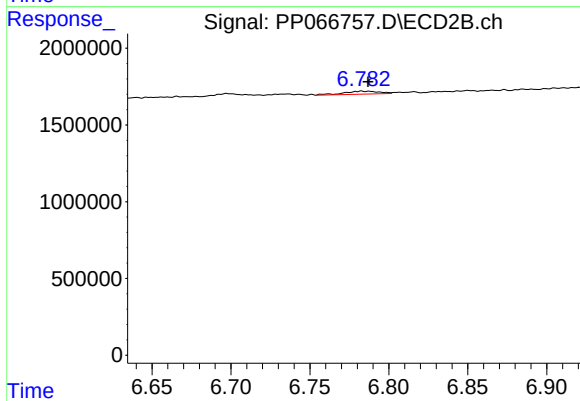
#31 AR-1260-1

R.T.: 6.605 min
Delta R.T.: 0.006 min
Response: 430301
Conc: 7.28 ng/ml



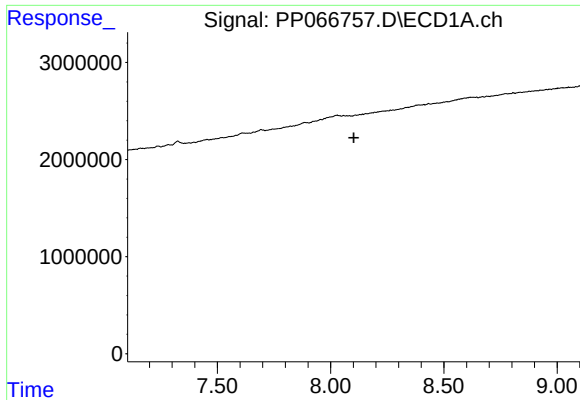
#32 AR-1260-2

R.T.: 0.000 min
Exp R.T.: 7.742 min
Response: 0
Conc: N.D.



#32 AR-1260-2

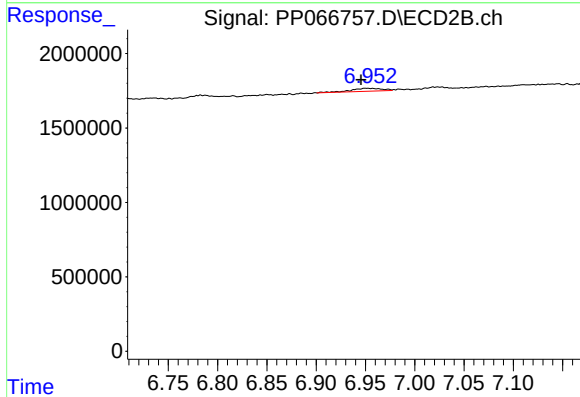
R.T.: 6.783 min
Delta R.T.: -0.004 min
Response: 297819
Conc: 4.37 ng/ml



#33 AR-1260-3

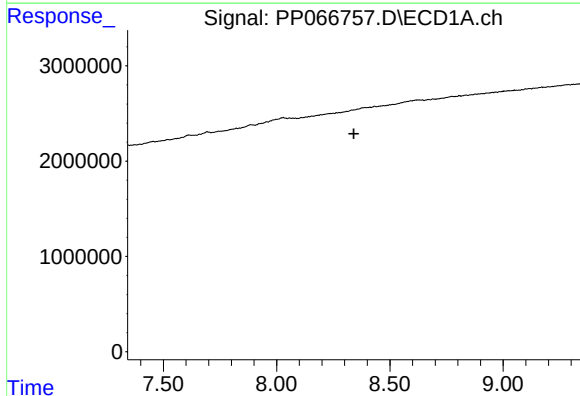
R.T.: 0.000 min
Exp R.T.: 8.102 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
LOQ-SOIL-02-QT3-2024



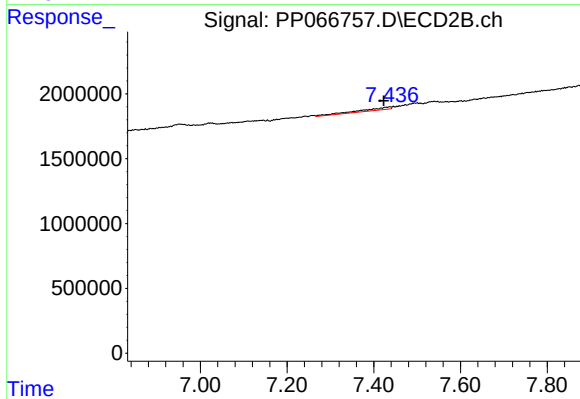
#33 AR-1260-3

R.T.: 6.951 min
Delta R.T.: 0.005 min
Response: 426822
Conc: 6.57 ng/ml



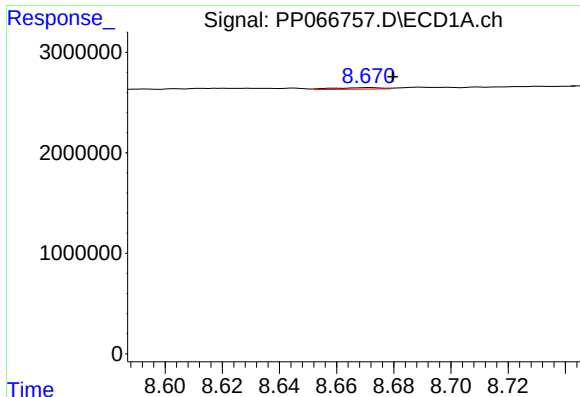
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T.: 8.341 min
Response: 0
Conc: N.D.



#34 AR-1260-4

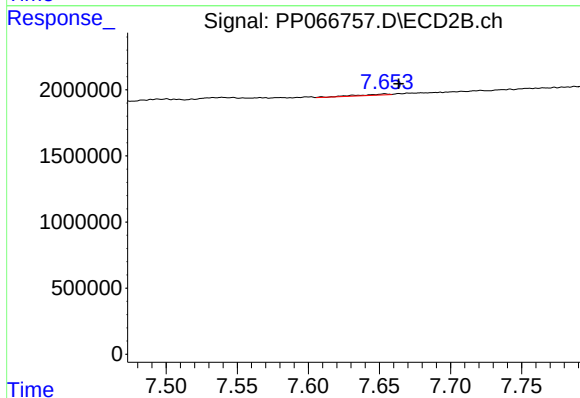
R.T.: 7.437 min
Delta R.T.: 0.014 min
Response: 1008591
Conc: 22.40 ng/ml



#35 AR-1260-5

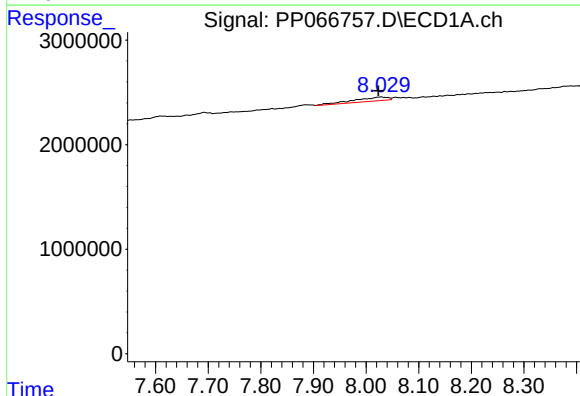
R.T.: 8.671 min
Delta R.T.: -0.008 min
Response: 183996
Conc: 2.07 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOQ-SOIL-02-QT3-2024



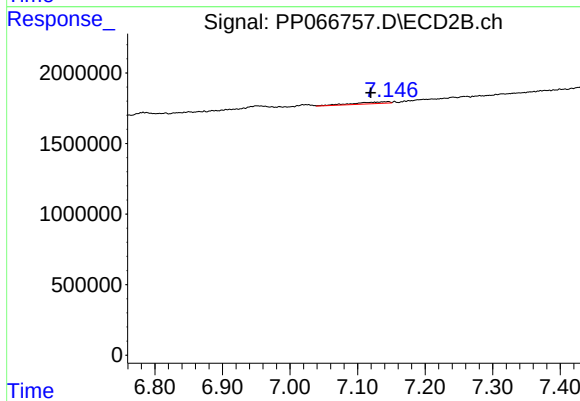
#35 AR-1260-5

R.T.: 7.654 min
Delta R.T.: -0.010 min
Response: 114713
Conc: 1.19 ng/ml



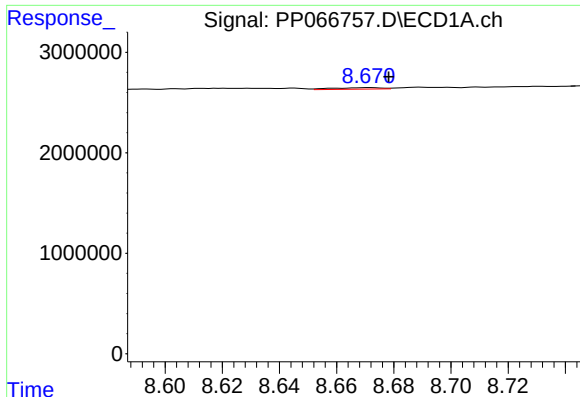
#36 AR-1262-1

R.T.: 8.029 min
Delta R.T.: 0.005 min
Response: 1759341
Conc: 38.97 ng/ml



#36 AR-1262-1

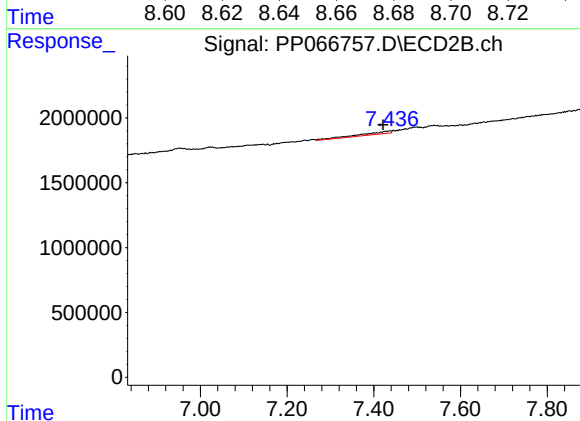
R.T.: 7.145 min
Delta R.T.: 0.026 min
Response: 461738
Conc: 14.45 ng/ml



#37 AR-1262-2

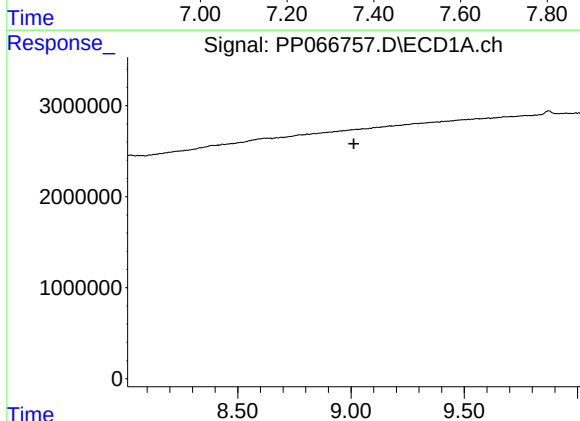
R.T.: 8.671 min
Delta R.T.: -0.007 min
Response: 183996
Conc: 1.68 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOQ-SOIL-02-QT3-2024



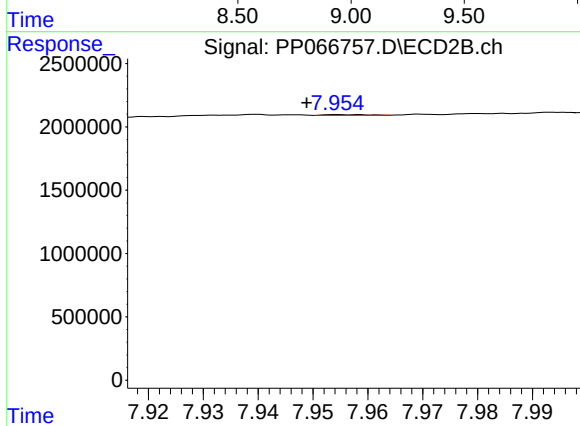
#37 AR-1262-2

R.T.: 7.437 min
Delta R.T.: 0.015 min
Response: 1008591
Conc: 16.18 ng/ml



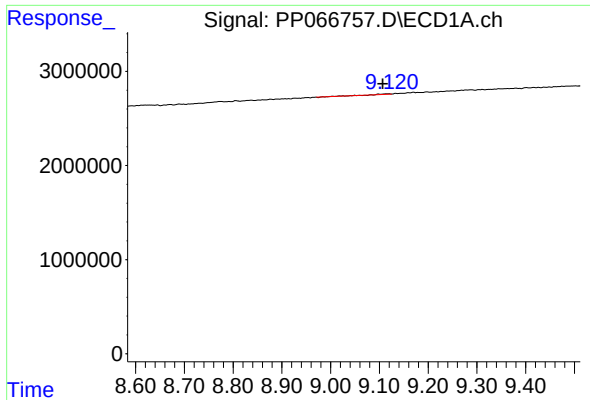
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 9.012 min
Response: 0
Conc: N.D.



#38 AR-1262-3

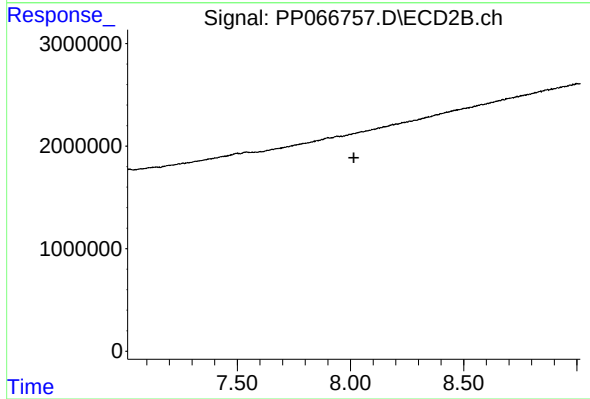
R.T.: 7.955 min
Delta R.T.: 0.006 min
Response: 35097
Conc: 0.78 ng/ml



#39 AR-1262-4

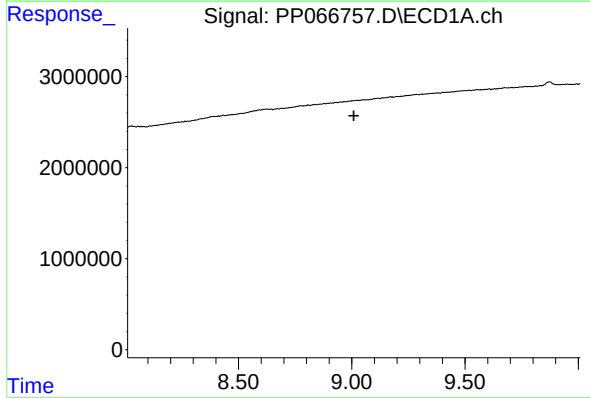
R.T.: 9.116 min
Delta R.T.: 0.009 min
Response: 108722
Conc: 1.86 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOQ-SOIL-02-QT3-2024



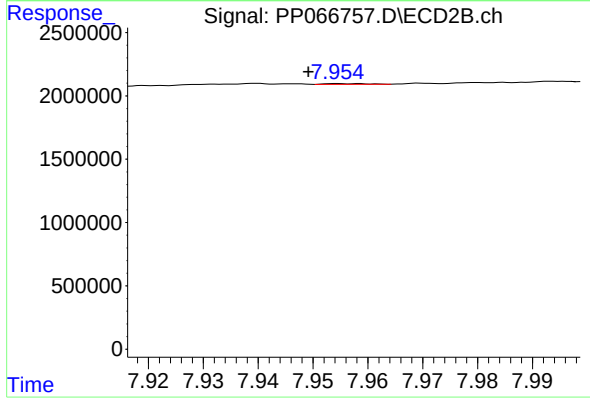
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 8.015 min
Response: 0
Conc: N.D.



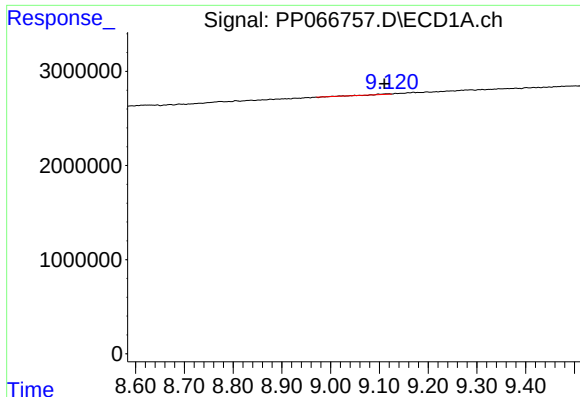
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 9.009 min
Response: 0
Conc: N.D.



#41 AR-1268-1

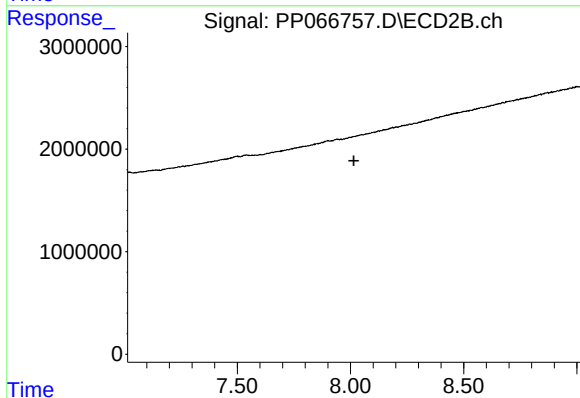
R.T.: 7.955 min
Delta R.T.: 0.006 min
Response: 35097
Conc: 0.28 ng/ml



#42 AR-1268-2

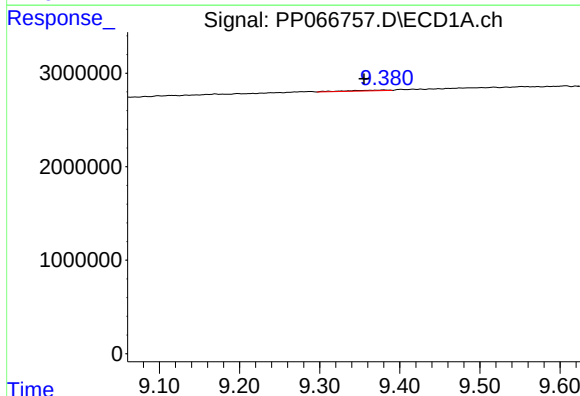
R.T.: 9.116 min
Delta R.T.: 0.006 min
Response: 108722
Conc: 0.99 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOQ-SOIL-02-QT3-2024



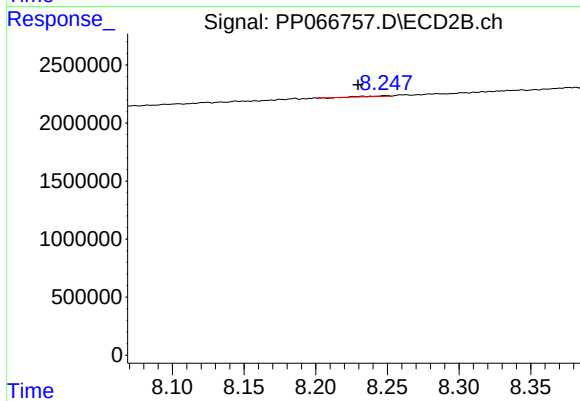
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 8.015 min
Response: 0
Conc: N.D.



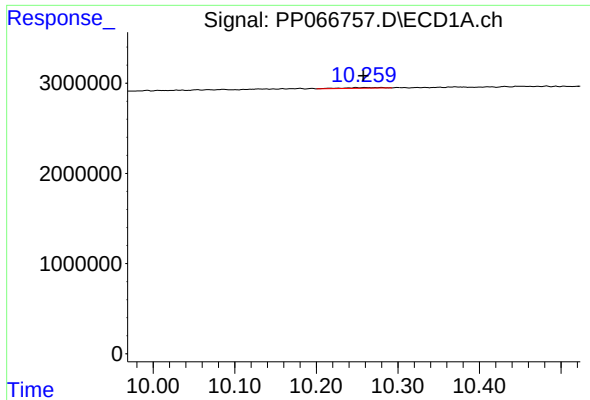
#43 AR-1268-3

R.T.: 9.380 min
Delta R.T.: 0.024 min
Response: 275498
Conc: 2.78 ng/ml



#43 AR-1268-3

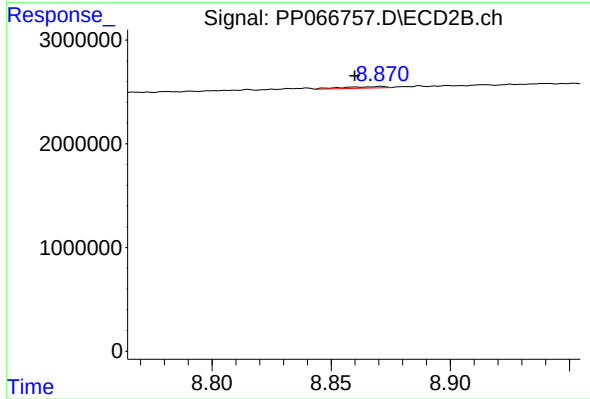
R.T.: 8.248 min
Delta R.T.: 0.019 min
Response: 29846
Conc: 0.30 ng/ml



#45 AR-1268-5

R.T.: 10.280 min
Delta R.T.: 0.022 min
Response: 249047
Conc: 0.87 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOQ-SOIL-02-QT3-2024



#45 AR-1268-5

R.T.: 8.871 min
Delta R.T.: 0.011 min
Response: 176028
Conc: 0.61 ng/ml