

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR080624\
 Data File : PR068039.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Aug 2024 18:53
 Operator : AJ\MA
 Sample : P3390-02
 Misc : AR1232 LOD 25 PPB
 ALS Vial : 34 Sample Multiplier: 1

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 07 03:21:57 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR080524.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Aug 07 00:26:28 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...	3.678	3.012	52186560	103.1E6	20.514	23.647
2)	SA Decachlor...	9.581	8.333	96874060	111.5E6	22.077	24.612
Target Compounds							
3)	L1 AR-1016-1	4.902	4.144	1189791	3322704	20.358	22.109
4)	L1 AR-1016-2	4.925	4.162	2401888	4698627	21.663	22.390
5)	L1 AR-1016-3	4.989	4.343	2011668	2589964	26.194	22.705
6)	L1 AR-1016-4	5.091	4.395	1303968	1941485	20.823	20.302
7)	L1 AR-1016-5	5.405	4.614	846517	2408372	16.858	20.150
8)	L2 AR-1221-1	3.900	3.239	1319480	1754052	48.007	11.285 #
9)	L2 AR-1221-2	3.989	3.322	1846613	2931950	82.177	39.920 #
10)	L2 AR-1221-3	4.068	3.403	2772641	4832170	38.809	14.915 #
11)	L3 AR-1232-1	4.068	3.403	2772641	4832170	47.115	47.707
12)	L3 AR-1232-2	4.615	4.162	1384115	4698627	44.069	46.633
13)	L3 AR-1232-3	4.925	4.343	2401888	2589964	44.553	47.691
14)	L3 AR-1232-4	5.091	4.437	1303968	2466693	43.610	49.363
15)	L3 AR-1232-5	5.193	4.614	724131	2408372	47.017	45.293
16)	L4 AR-1242-1	4.902	4.144	1189791	3322704	24.322	21.797
17)	L4 AR-1242-2	4.925	4.162	2401888	4698627	26.436	21.972
18)	L4 AR-1242-3	4.989	4.343	2011668	2589964	32.053	24.379
19)	L4 AR-1242-4	5.091	4.437	1303968	2466693	26.128	24.528
20)	L4 AR-1242-5	5.876	4.989	819167	2895571	17.820	18.463
21)	L5 AR-1248-1	4.902	4.144	1189791	3322704	31.000	27.922
22)	L5 AR-1248-2	5.193	4.395	724131	1941485	13.805	10.301 #
23)	L5 AR-1248-3	5.405	4.437	846517	2466693	12.023	12.941
24)	L5 AR-1248-4	5.838	4.614	718209	2408372	9.659	11.153
25)	L5 AR-1248-5	5.876	5.033	819167	2673465	10.148	12.581
26)	L6 AR-1254-1	5.811	4.989	1814421	2895571	25.424	11.322 #
27)	L6 AR-1254-2	6.044	5.154	909732	2074632	8.106	9.025
28)	L6 AR-1254-3	6.435	5.561f	725551	4078753	5.399	11.305 #
29)	L6 AR-1254-4	6.772f	5.826	65482	984231	0.627	4.580 #
30)	L6 AR-1254-5	7.214	6.272	343896	634332	2.769	1.921 #
31)	L7 AR-1260-1	6.614	5.726	73736	579992	0.798	2.369 #
32)	L7 AR-1260-2	6.927f	5.928	648983	780572	4.566	2.689 #
33)	L7 AR-1260-3	7.291	6.093	222634	2054937	1.608	7.483 #
34)	L7 AR-1260-4	7.547f	6.585	471844	174439	3.723	0.832 #
35)	L7 AR-1260-5	7.864	6.867	1023501	365236	2.808	0.755 #
36)	L8 AR-1262-1	7.291	6.337f	222634	797584	1.118	2.309 #
37)	L8 AR-1262-2	7.864	6.867	1023501	365236	2.364	0.600 #
38)	L8 AR-1262-3	0.000	7.146f	0	1031246	N.D.	4.319 #
41)	L9 AR-1268-1	0.000	7.146f	0	1031246	N.D.	1.397 #
43)	L9 AR-1268-3	0.000	7.469	0	148321	N.D.	0.240 #
45)	L9 AR-1268-5	9.270	8.076	3798213	941305	2.429	0.659 #

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Instrument :
ECD_R
ClientSampleId :
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 07 03:21:57 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR080524.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 07 00:26:28 2024
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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

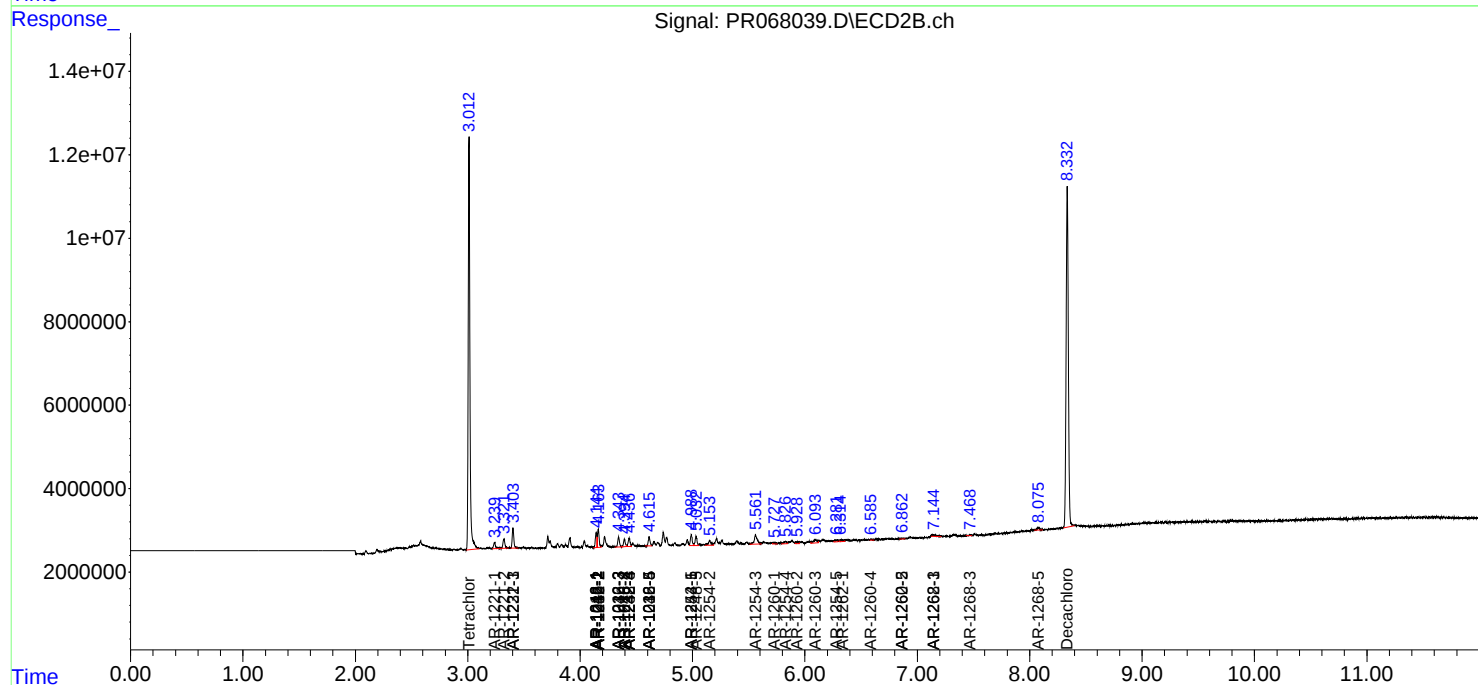
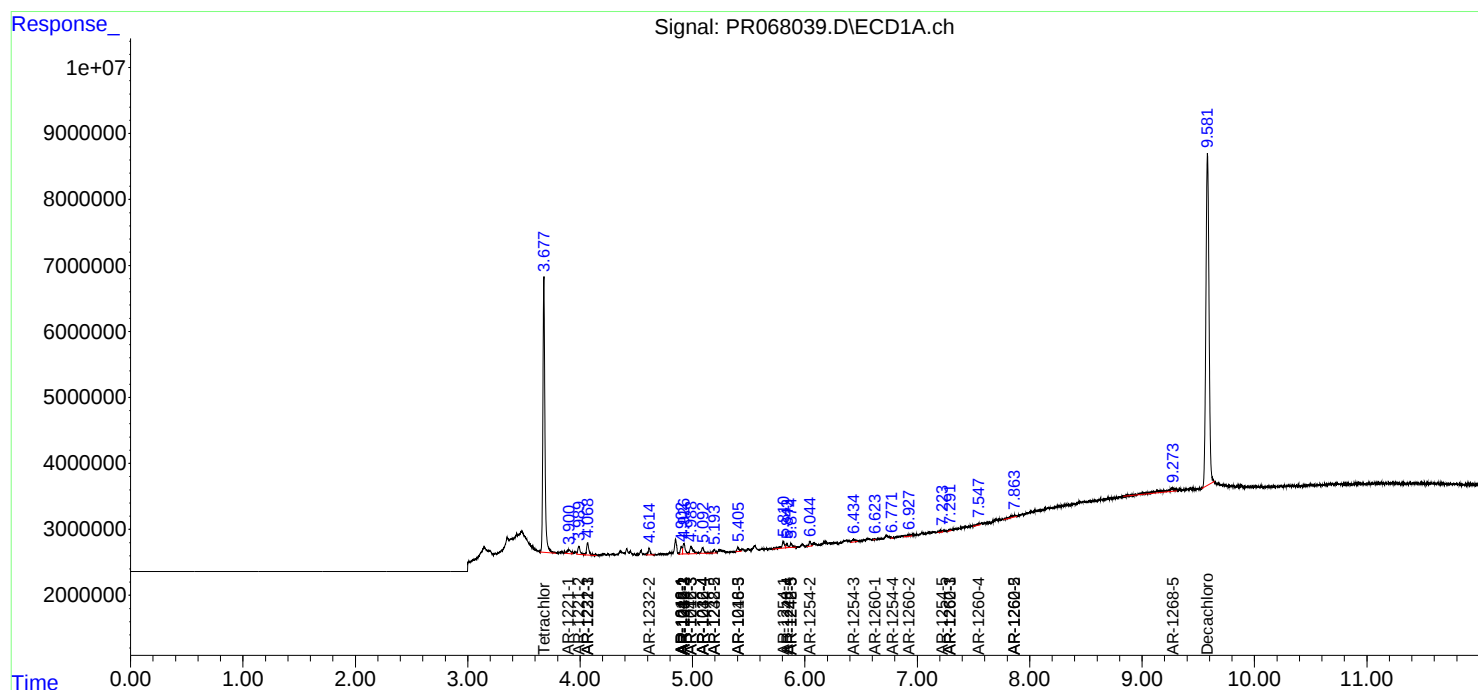
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

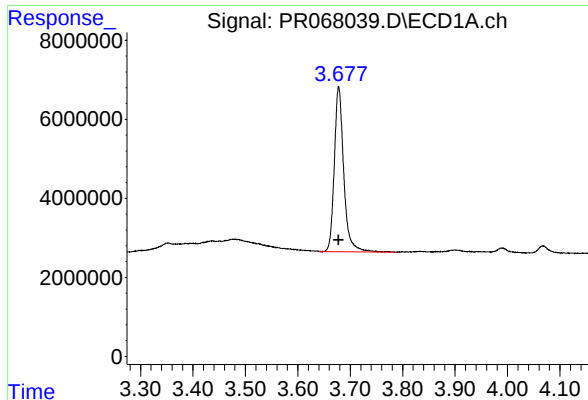
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR080624\
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Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

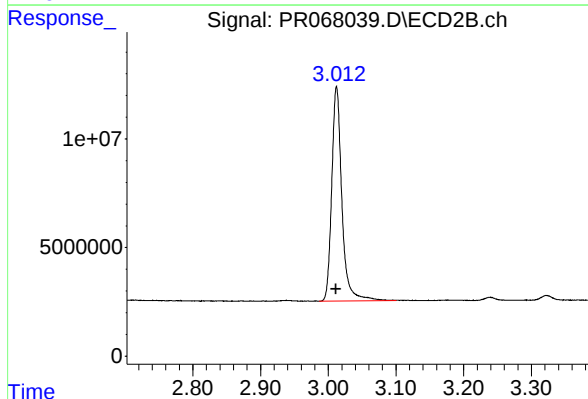




#1 Tetrachloro-m-xylene

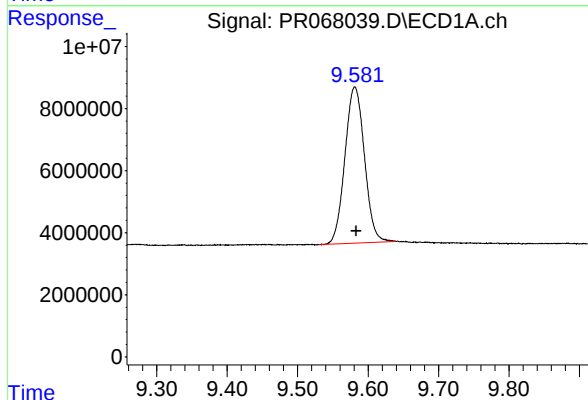
R.T.: 3.678 min
Delta R.T.: 0.000 min
Response: 52186560
Conc: 20.51 ng/ml

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



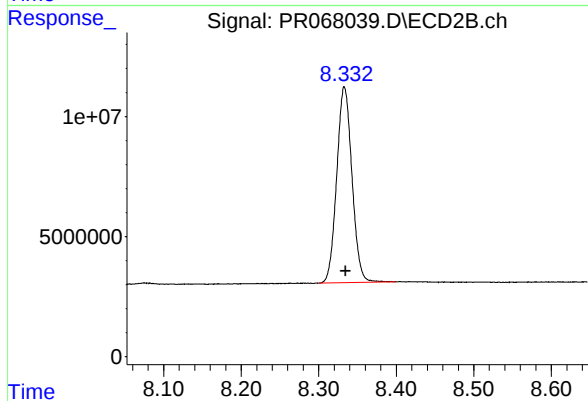
#1 Tetrachloro-m-xylene

R.T.: 3.012 min
Delta R.T.: 0.000 min
Response: 103115438
Conc: 23.65 ng/ml



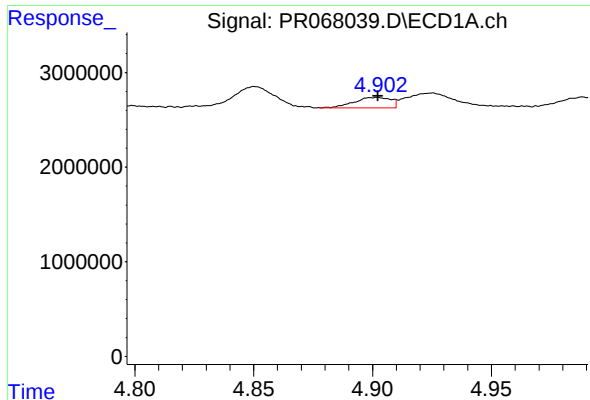
#2 Decachlorobiphenyl

R.T.: 9.581 min
Delta R.T.: -0.002 min
Response: 96874060
Conc: 22.08 ng/ml



#2 Decachlorobiphenyl

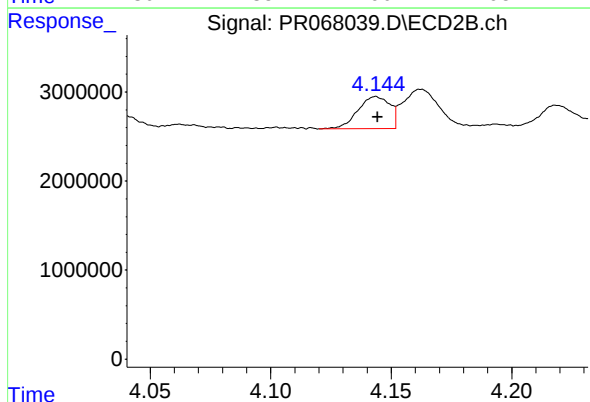
R.T.: 8.333 min
Delta R.T.: -0.001 min
Response: 111519650
Conc: 24.61 ng/ml



#3 AR-1016-1

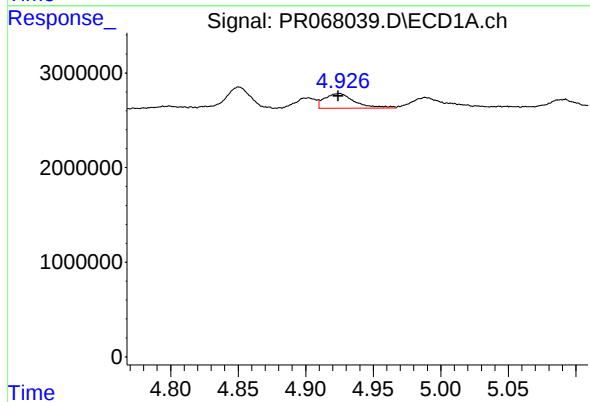
R.T.: 4.902 min
Delta R.T.: 0.000 min
Response: 1189791
Conc: 20.36 ng/ml

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



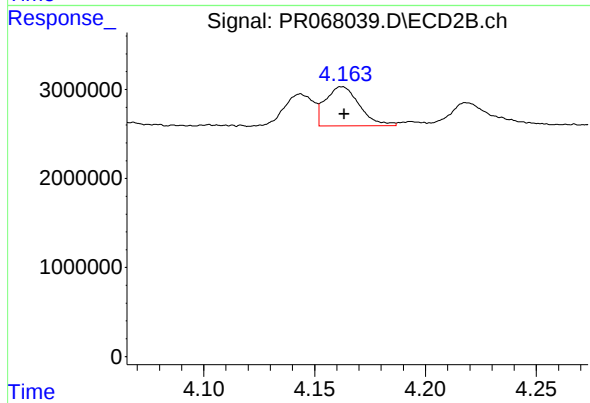
#3 AR-1016-1

R.T.: 4.144 min
Delta R.T.: 0.000 min
Response: 3322704
Conc: 22.11 ng/ml



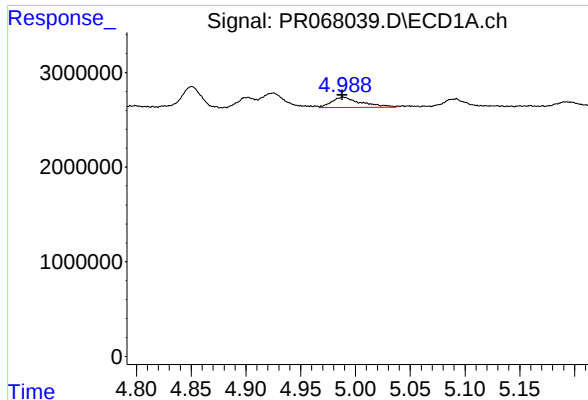
#4 AR-1016-2

R.T.: 4.925 min
Delta R.T.: 0.000 min
Response: 2401888
Conc: 21.66 ng/ml



#4 AR-1016-2

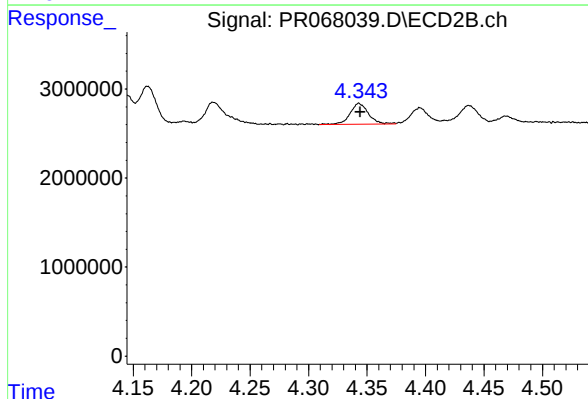
R.T.: 4.162 min
Delta R.T.: -0.001 min
Response: 4698627
Conc: 22.39 ng/ml



#5 AR-1016-3

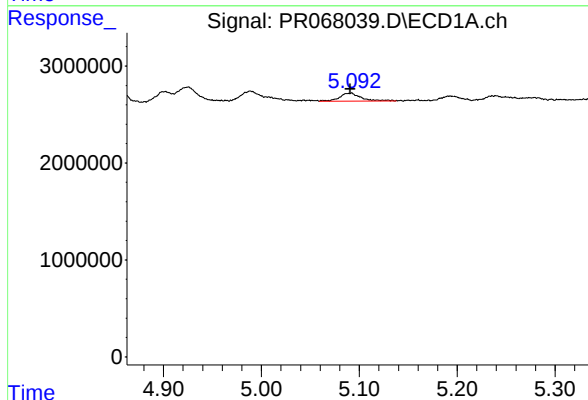
R.T.: 4.989 min
Delta R.T.: 0.000 min
Response: 2011668
Conc: 26.19 ng/ml

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



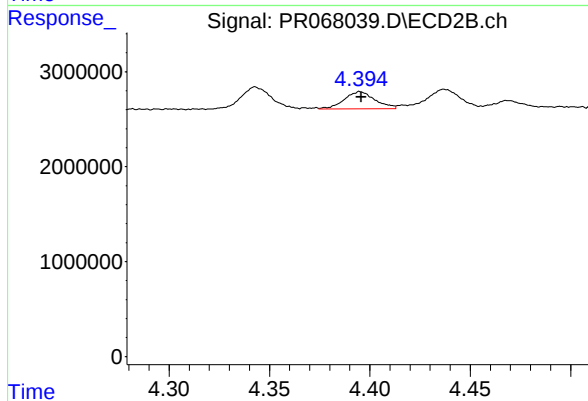
#5 AR-1016-3

R.T.: 4.343 min
Delta R.T.: -0.001 min
Response: 2589964
Conc: 22.71 ng/ml



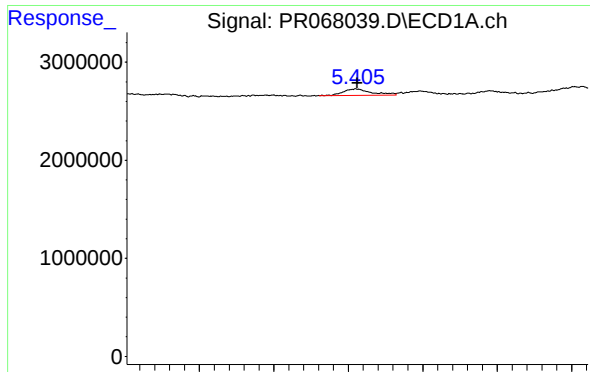
#6 AR-1016-4

R.T.: 5.091 min
Delta R.T.: 0.000 min
Response: 1303968
Conc: 20.82 ng/ml



#6 AR-1016-4

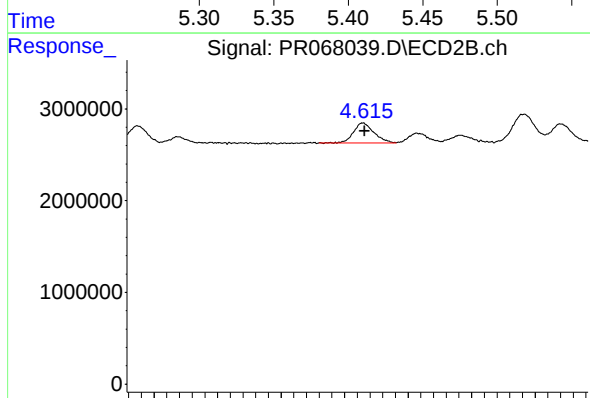
R.T.: 4.395 min
Delta R.T.: 0.000 min
Response: 1941485
Conc: 20.30 ng/ml



#7 AR-1016-5

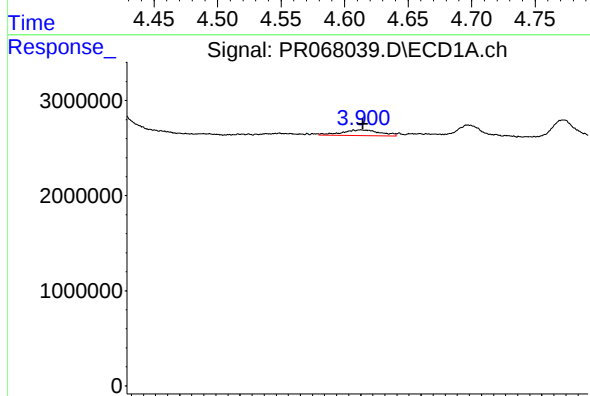
R.T.: 5.405 min
Delta R.T.: 0.000 min
Response: 846517
Conc: 16.86 ng/ml

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



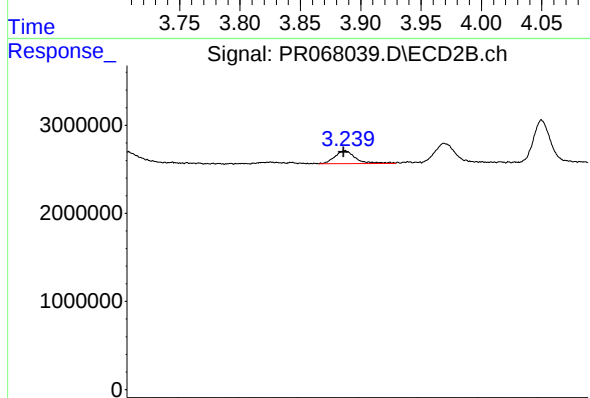
#7 AR-1016-5

R.T.: 4.614 min
Delta R.T.: -0.001 min
Response: 2408372
Conc: 20.15 ng/ml



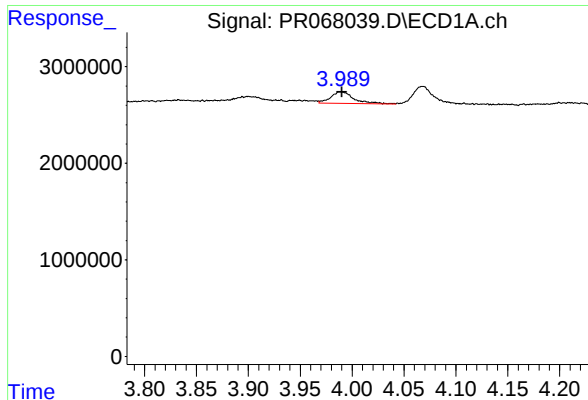
#8 AR-1221-1

R.T.: 3.900 min
Delta R.T.: -0.002 min
Response: 1319480
Conc: 48.01 ng/ml



#8 AR-1221-1

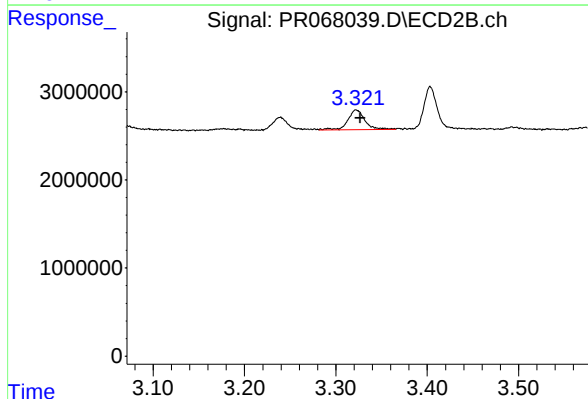
R.T.: 3.239 min
Delta R.T.: 0.001 min
Response: 1754052
Conc: 11.29 ng/ml



#9 AR-1221-2

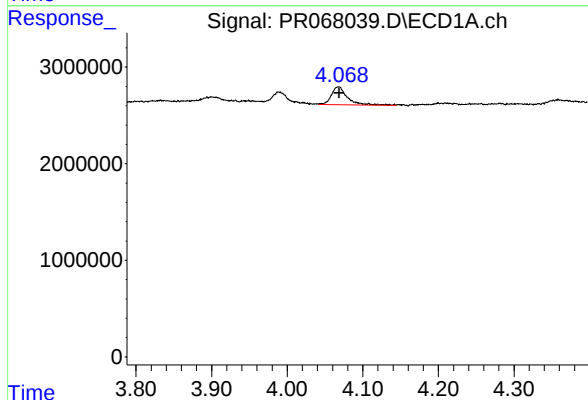
R.T.: 3.989 min
Delta R.T.: -0.001 min
Response: 1846613
Conc: 82.18 ng/ml

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



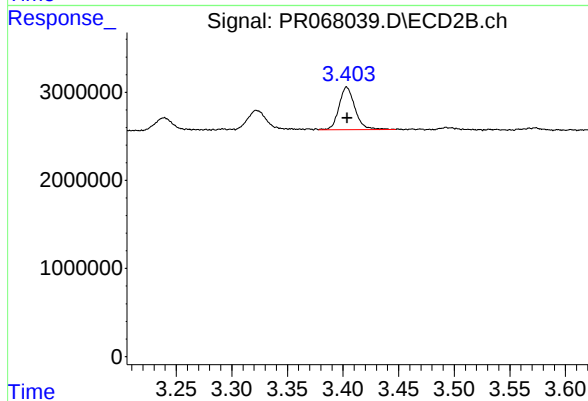
#9 AR-1221-2

R.T.: 3.322 min
Delta R.T.: -0.005 min
Response: 2931950
Conc: 39.92 ng/ml



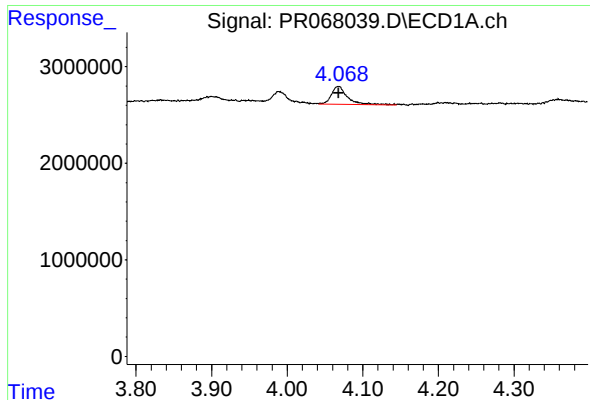
#10 AR-1221-3

R.T.: 4.068 min
Delta R.T.: 0.000 min
Response: 2772641
Conc: 38.81 ng/ml



#10 AR-1221-3

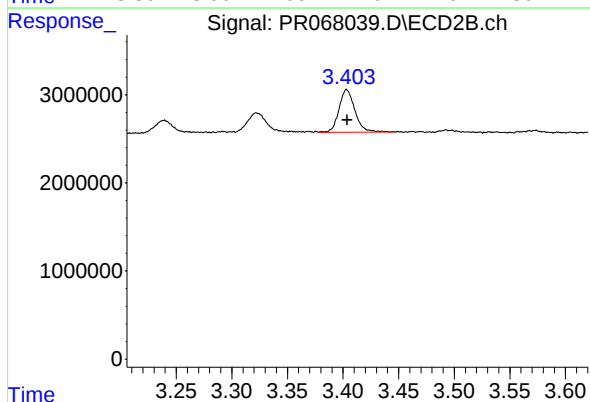
R.T.: 3.403 min
Delta R.T.: 0.000 min
Response: 4832170
Conc: 14.92 ng/ml



#11 AR-1232-1

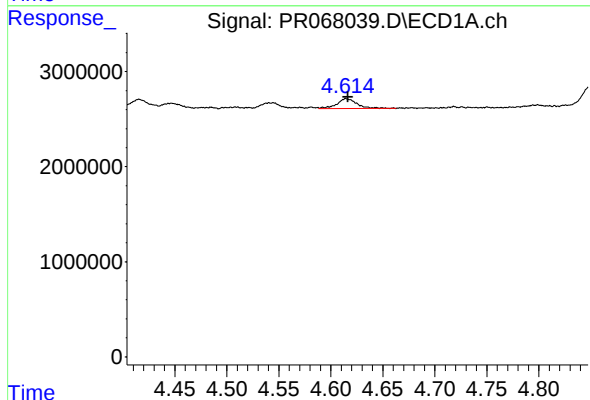
R.T.: 4.068 min
Delta R.T.: 0.000 min
Response: 2772641
Conc: 47.11 ng/ml

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



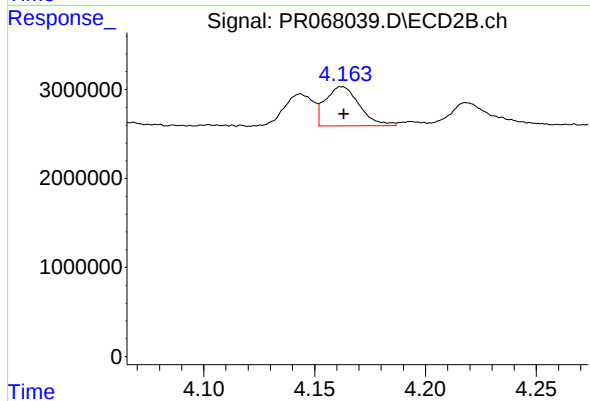
#11 AR-1232-1

R.T.: 3.403 min
Delta R.T.: 0.000 min
Response: 4832170
Conc: 47.71 ng/ml



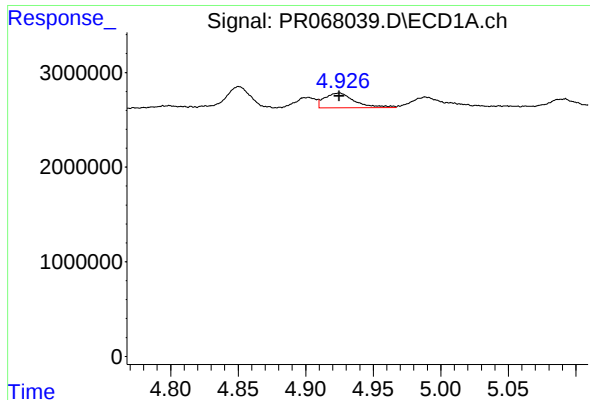
#12 AR-1232-2

R.T.: 4.615 min
Delta R.T.: -0.002 min
Response: 1384115
Conc: 44.07 ng/ml



#12 AR-1232-2

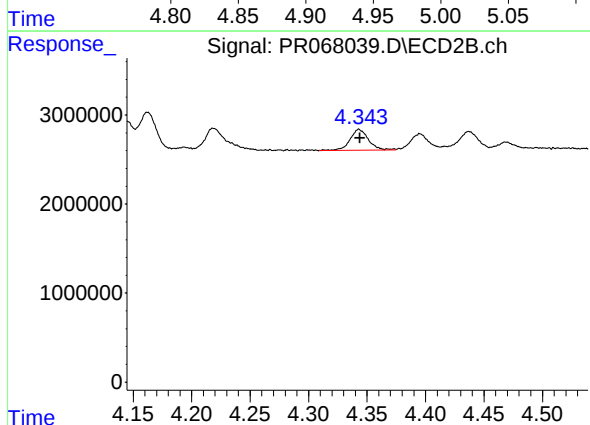
R.T.: 4.162 min
Delta R.T.: 0.000 min
Response: 4698627
Conc: 46.63 ng/ml



#13 AR-1232-3

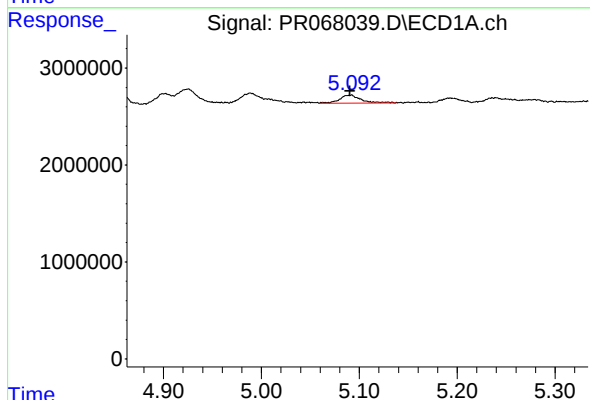
R.T.: 4.925 min
Delta R.T.: 0.000 min
Response: 2401888
Conc: 44.55 ng/ml

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



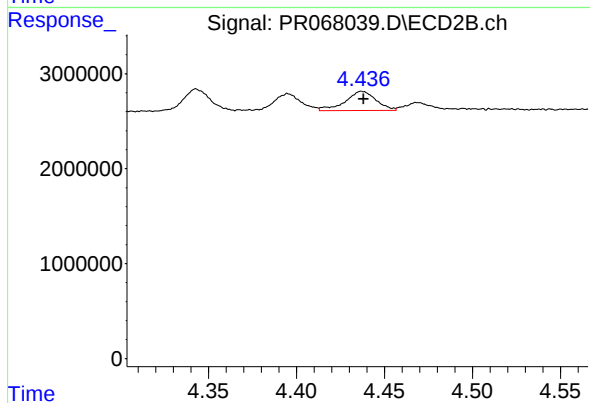
#13 AR-1232-3

R.T.: 4.343 min
Delta R.T.: 0.000 min
Response: 2589964
Conc: 47.69 ng/ml



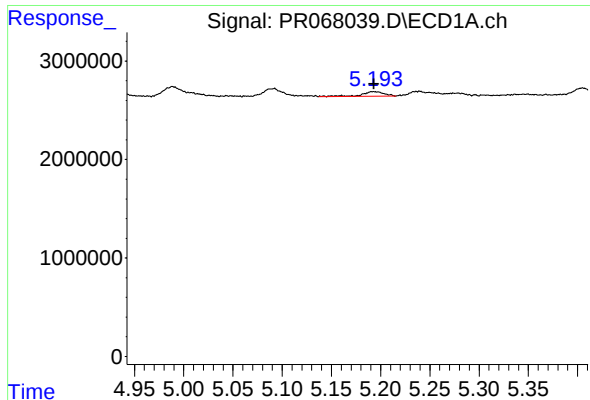
#14 AR-1232-4

R.T.: 5.091 min
Delta R.T.: 0.000 min
Response: 1303968
Conc: 43.61 ng/ml



#14 AR-1232-4

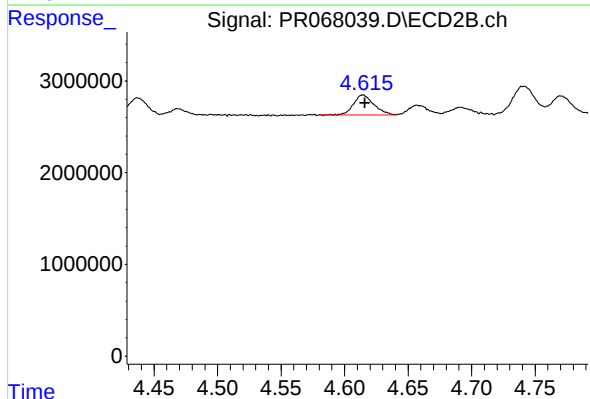
R.T.: 4.437 min
Delta R.T.: 0.000 min
Response: 2466693
Conc: 49.36 ng/ml



#15 AR-1232-5

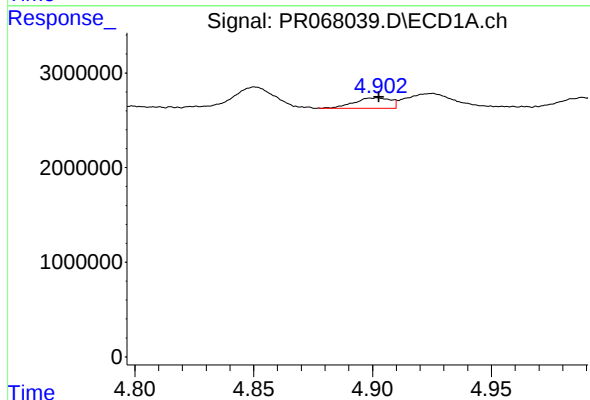
R.T.: 5.193 min
Delta R.T.: 0.000 min
Response: 724131
Conc: 47.02 ng/ml

Instrument :
ECD_R
ClientSampleId :
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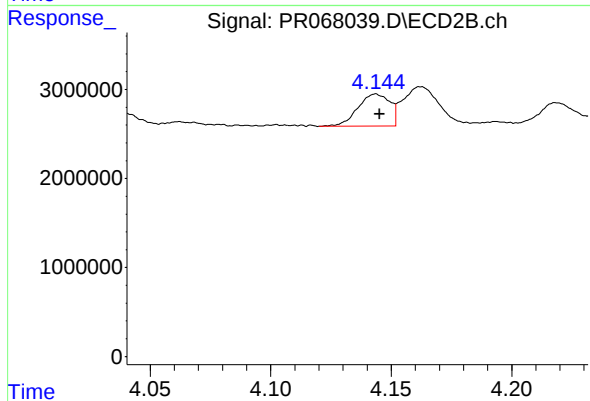
#15 AR-1232-5

R.T.: 4.614 min
Delta R.T.: -0.001 min
Response: 2408372
Conc: 45.29 ng/ml



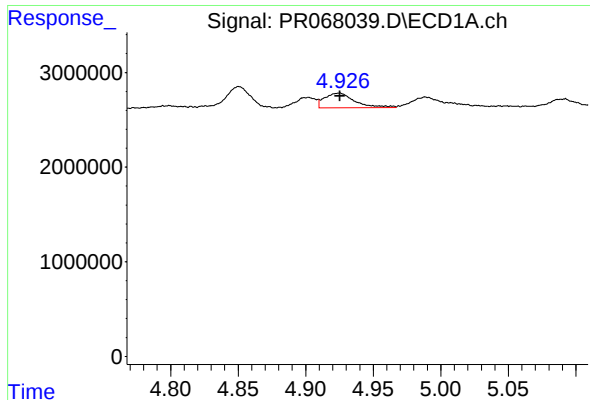
#16 AR-1242-1

R.T.: 4.902 min
Delta R.T.: -0.001 min
Response: 1189791
Conc: 24.32 ng/ml



#16 AR-1242-1

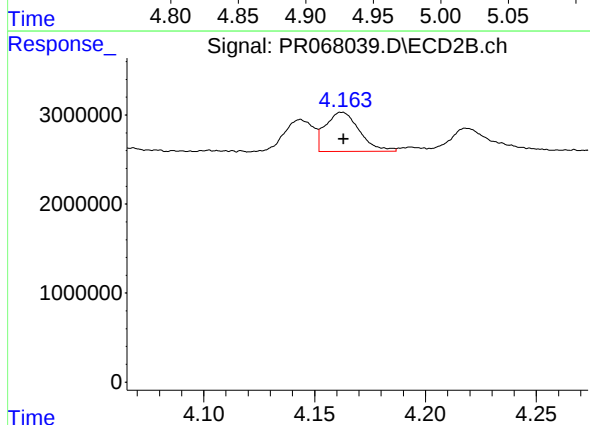
R.T.: 4.144 min
Delta R.T.: -0.001 min
Response: 3322704
Conc: 21.80 ng/ml



#17 AR-1242-2

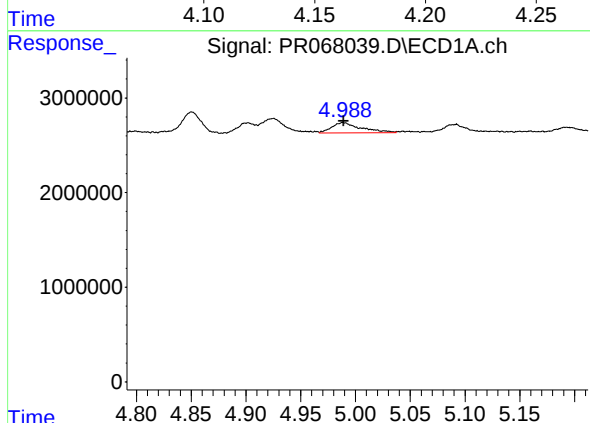
R.T.: 4.925 min
Delta R.T.: 0.000 min
Response: 2401888
Conc: 26.44 ng/ml

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



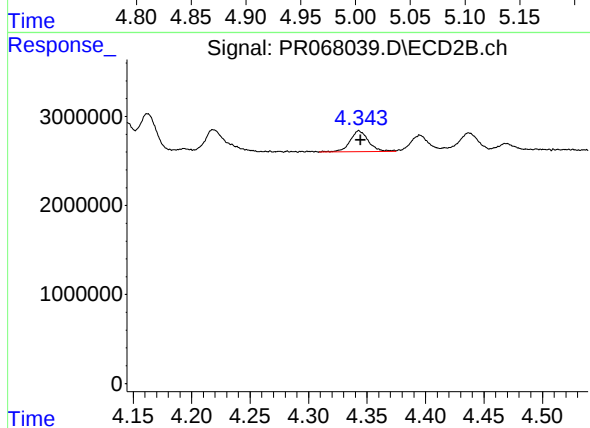
#17 AR-1242-2

R.T.: 4.162 min
Delta R.T.: 0.000 min
Response: 4698627
Conc: 21.97 ng/ml



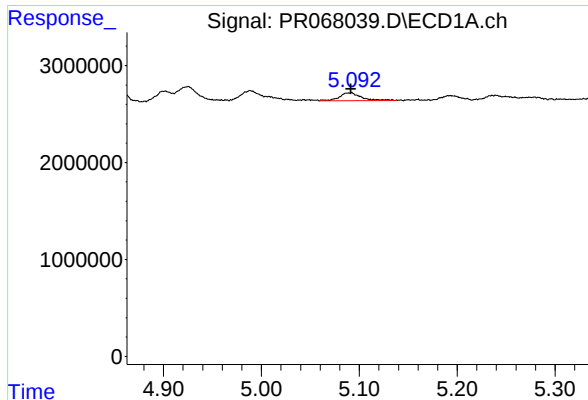
#18 AR-1242-3

R.T.: 4.989 min
Delta R.T.: 0.000 min
Response: 2011668
Conc: 32.05 ng/ml



#18 AR-1242-3

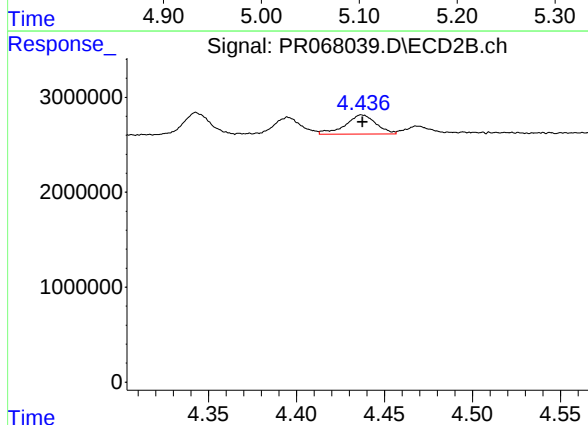
R.T.: 4.343 min
Delta R.T.: -0.001 min
Response: 2589964
Conc: 24.38 ng/ml



#19 AR-1242-4

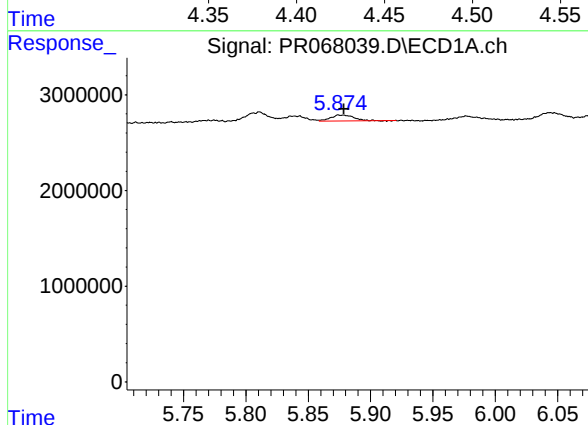
R.T.: 5.091 min
Delta R.T.: 0.000 min
Response: 1303968
Conc: 26.13 ng/ml

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



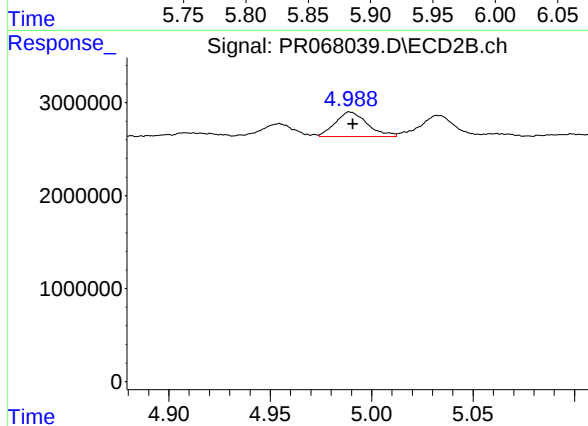
#19 AR-1242-4

R.T.: 4.437 min
Delta R.T.: 0.000 min
Response: 2466693
Conc: 24.53 ng/ml



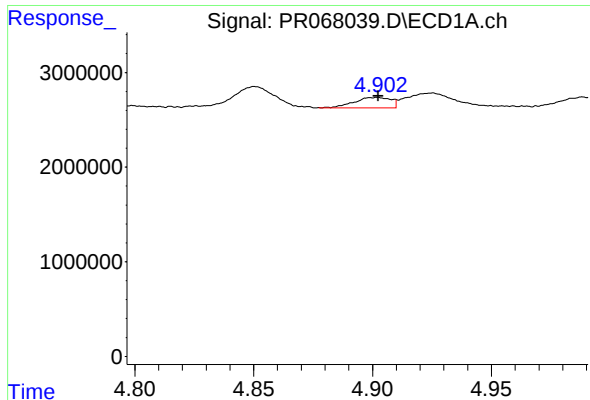
#20 AR-1242-5

R.T.: 5.876 min
Delta R.T.: -0.003 min
Response: 819167
Conc: 17.82 ng/ml



#20 AR-1242-5

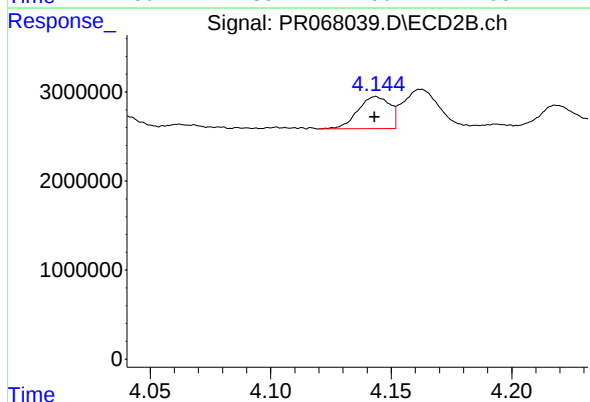
R.T.: 4.989 min
Delta R.T.: -0.001 min
Response: 2895571
Conc: 18.46 ng/ml



#21 AR-1248-1

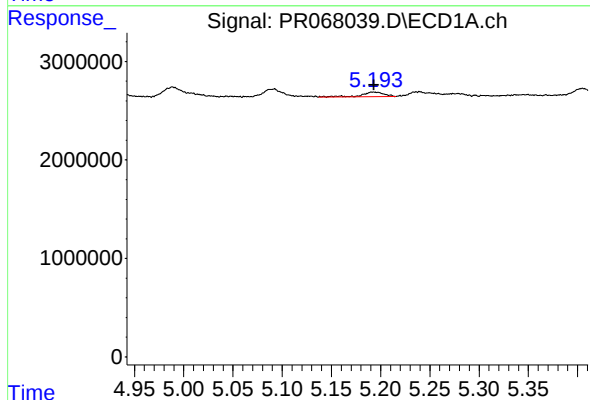
R.T.: 4.902 min
Delta R.T.: 0.000 min
Response: 1189791
Conc: 31.00 ng/ml

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



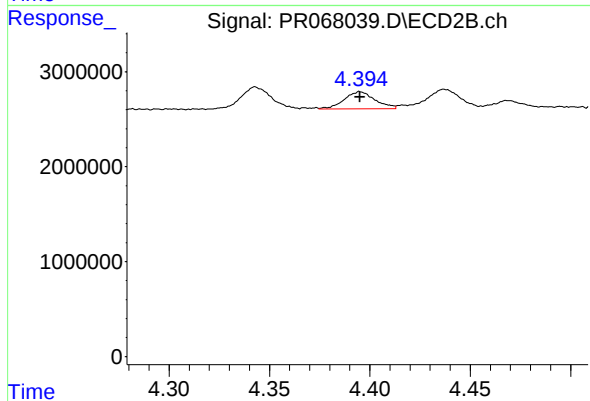
#21 AR-1248-1

R.T.: 4.144 min
Delta R.T.: 0.000 min
Response: 3322704
Conc: 27.92 ng/ml



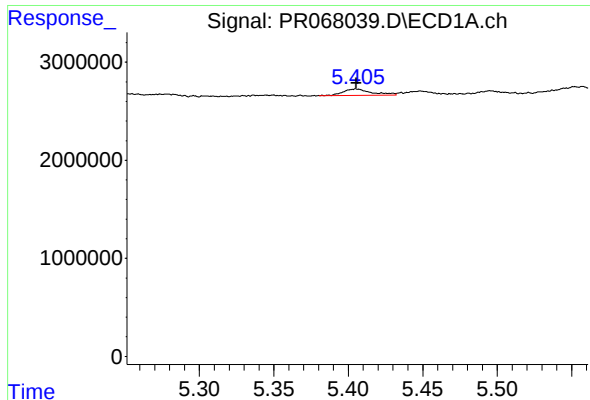
#22 AR-1248-2

R.T.: 5.193 min
Delta R.T.: 0.000 min
Response: 724131
Conc: 13.80 ng/ml



#22 AR-1248-2

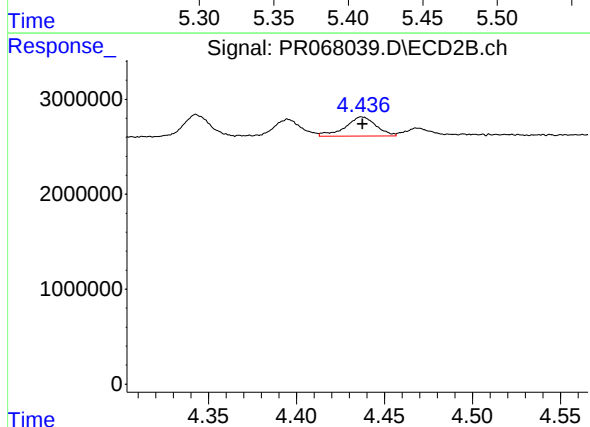
R.T.: 4.395 min
Delta R.T.: 0.000 min
Response: 1941485
Conc: 10.30 ng/ml



#23 AR-1248-3

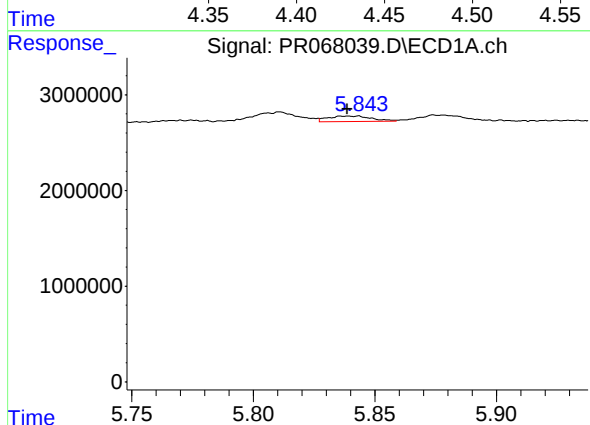
R.T.: 5.405 min
Delta R.T.: 0.000 min
Response: 846517
Conc: 12.02 ng/ml

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



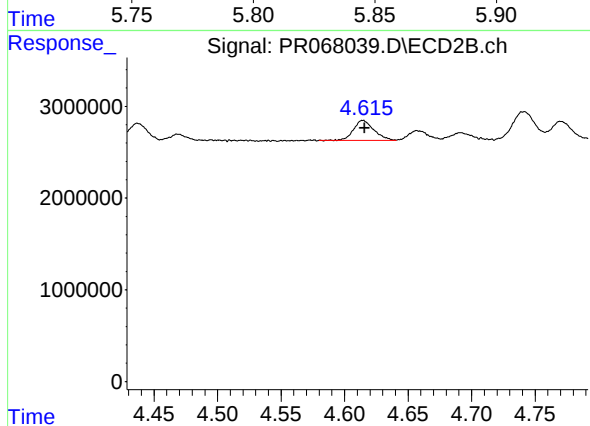
#23 AR-1248-3

R.T.: 4.437 min
Delta R.T.: 0.000 min
Response: 2466693
Conc: 12.94 ng/ml



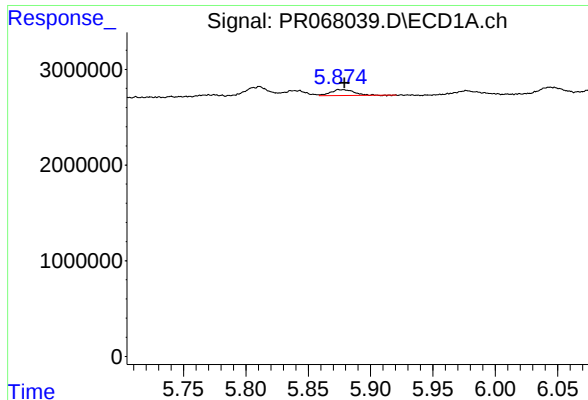
#24 AR-1248-4

R.T.: 5.838 min
Delta R.T.: 0.000 min
Response: 718209
Conc: 9.66 ng/ml



#24 AR-1248-4

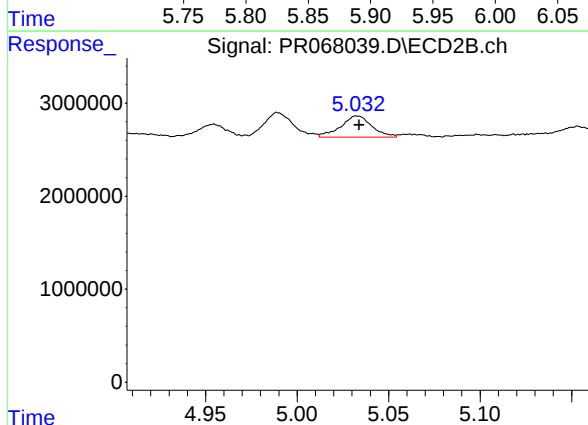
R.T.: 4.614 min
Delta R.T.: -0.001 min
Response: 2408372
Conc: 11.15 ng/ml



#25 AR-1248-5

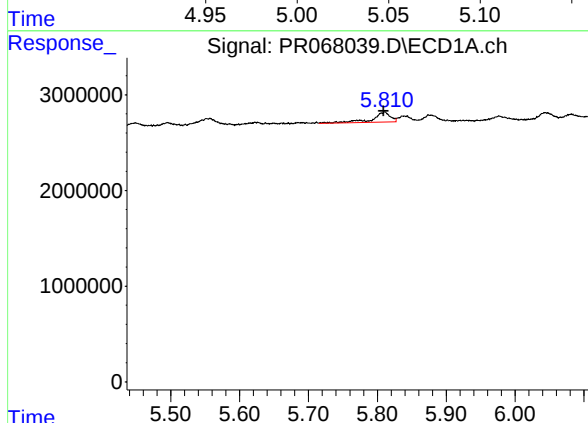
R.T.: 5.876 min
Delta R.T.: -0.003 min
Response: 819167
Conc: 10.15 ng/ml

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



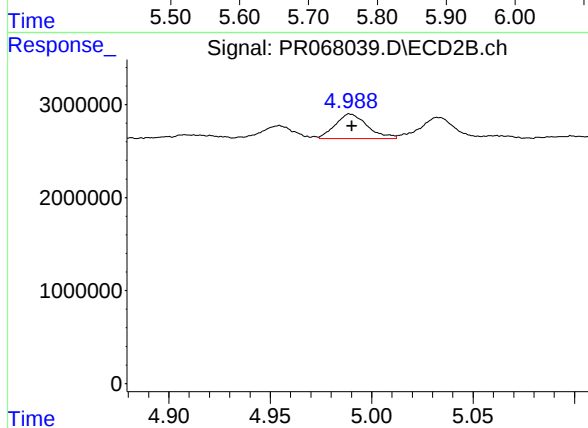
#25 AR-1248-5

R.T.: 5.033 min
Delta R.T.: -0.001 min
Response: 2673465
Conc: 12.58 ng/ml



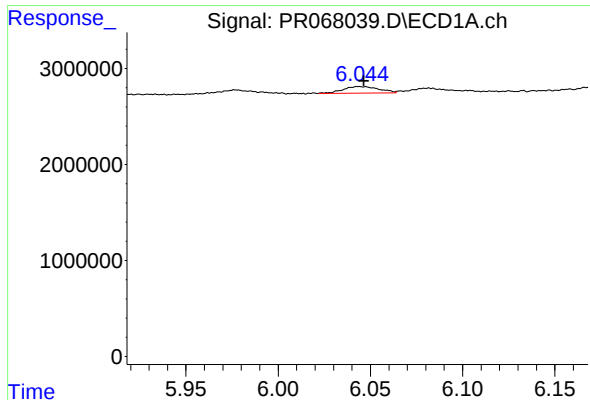
#26 AR-1254-1

R.T.: 5.811 min
Delta R.T.: 0.001 min
Response: 1814421
Conc: 25.42 ng/ml



#26 AR-1254-1

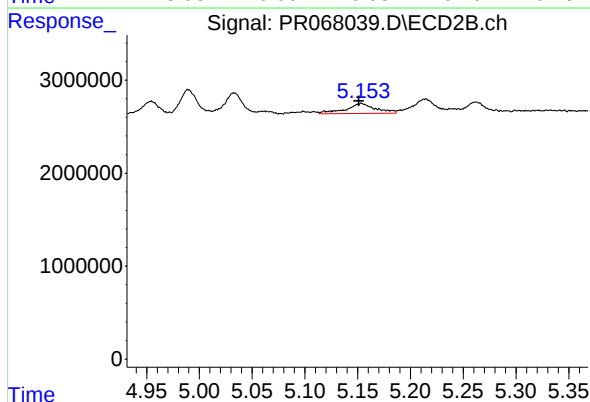
R.T.: 4.989 min
Delta R.T.: 0.000 min
Response: 2895571
Conc: 11.32 ng/ml



#27 AR-1254-2

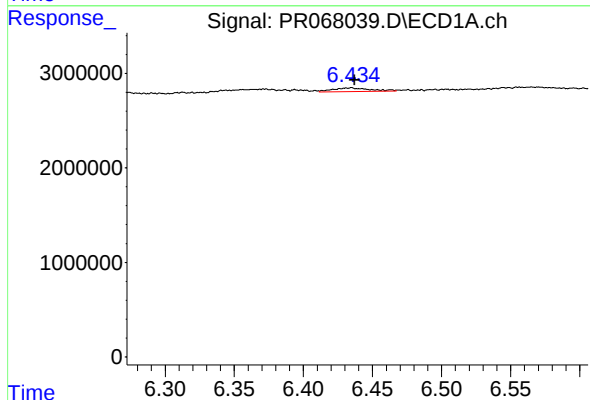
R.T.: 6.044 min
Delta R.T.: -0.002 min
Response: 909732
Conc: 8.11 ng/ml

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



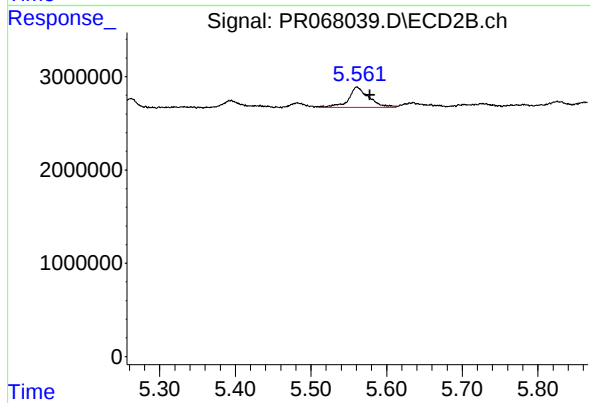
#27 AR-1254-2

R.T.: 5.154 min
Delta R.T.: 0.002 min
Response: 2074632
Conc: 9.03 ng/ml



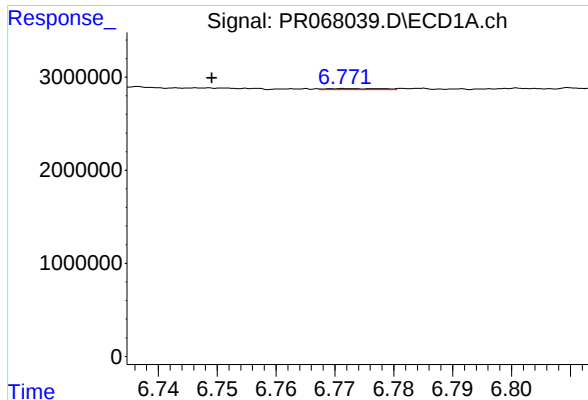
#28 AR-1254-3

R.T.: 6.435 min
Delta R.T.: -0.002 min
Response: 725551
Conc: 5.40 ng/ml



#28 AR-1254-3

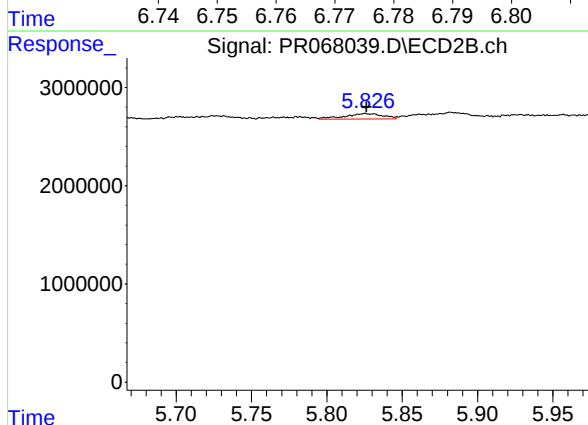
R.T.: 5.561 min
Delta R.T.: -0.017 min
Response: 4078753
Conc: 11.31 ng/ml



#29 AR-1254-4

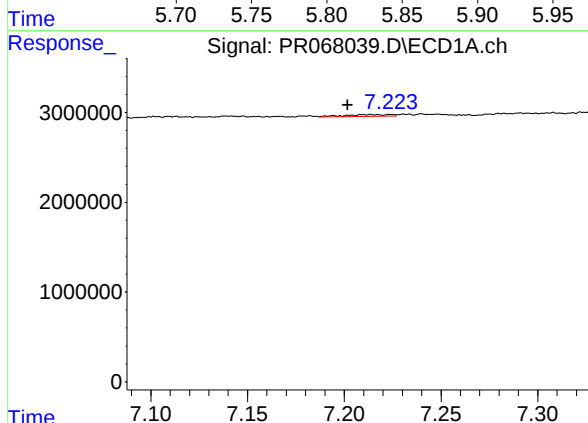
R.T.: 6.772 min
Delta R.T.: 0.023 min
Response: 65482
Conc: 0.63 ng/ml

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



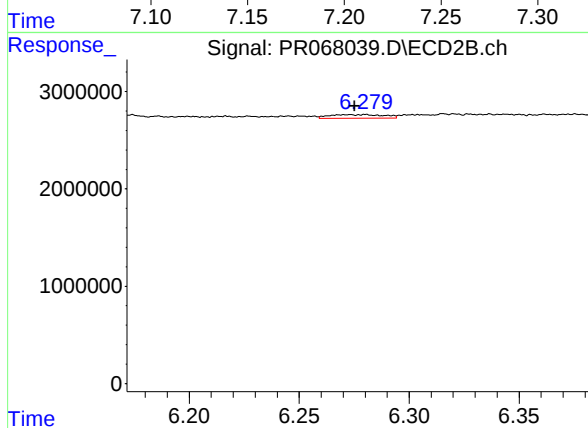
#29 AR-1254-4

R.T.: 5.826 min
Delta R.T.: 0.000 min
Response: 984231
Conc: 4.58 ng/ml



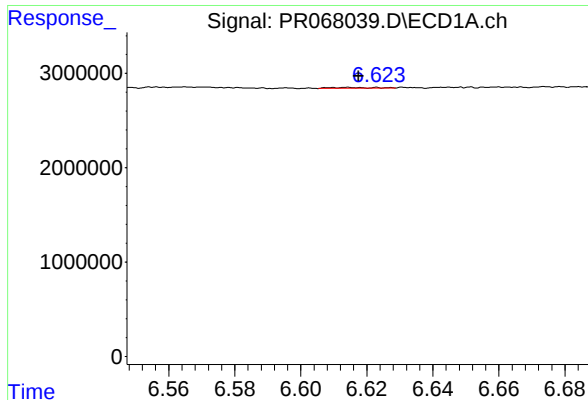
#30 AR-1254-5

R.T.: 7.214 min
Delta R.T.: 0.012 min
Response: 343896
Conc: 2.77 ng/ml



#30 AR-1254-5

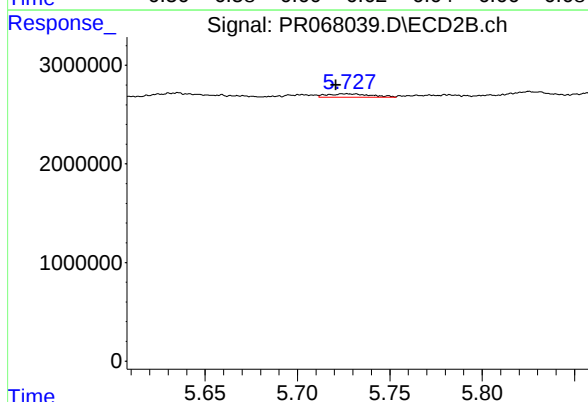
R.T.: 6.272 min
Delta R.T.: -0.003 min
Response: 634332
Conc: 1.92 ng/ml



#31 AR-1260-1

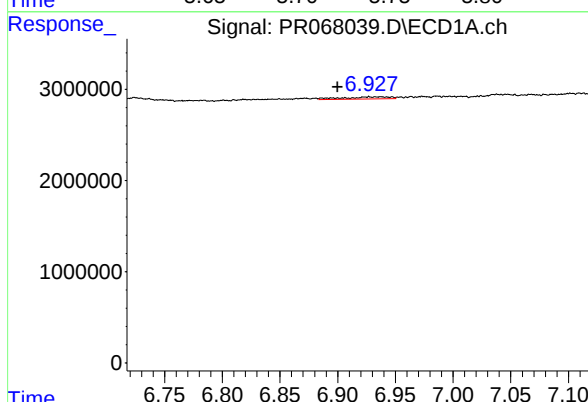
R.T.: 6.614 min
Delta R.T.: -0.003 min
Response: 73736
Conc: 0.80 ng/ml

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



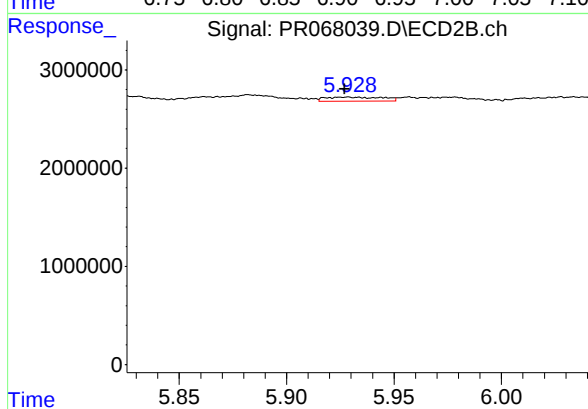
#31 AR-1260-1

R.T.: 5.726 min
Delta R.T.: 0.005 min
Response: 579992
Conc: 2.37 ng/ml



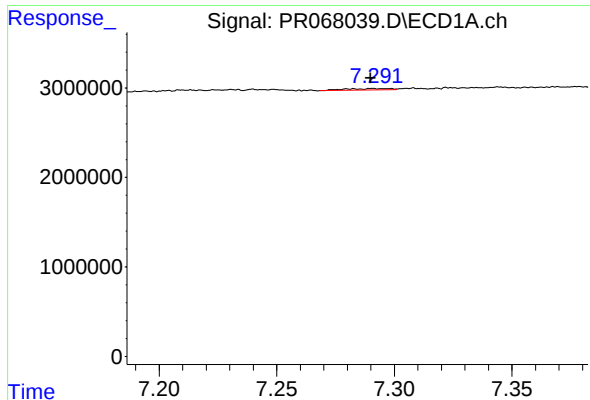
#32 AR-1260-2

R.T.: 6.927 min
Delta R.T.: 0.027 min
Response: 648983
Conc: 4.57 ng/ml



#32 AR-1260-2

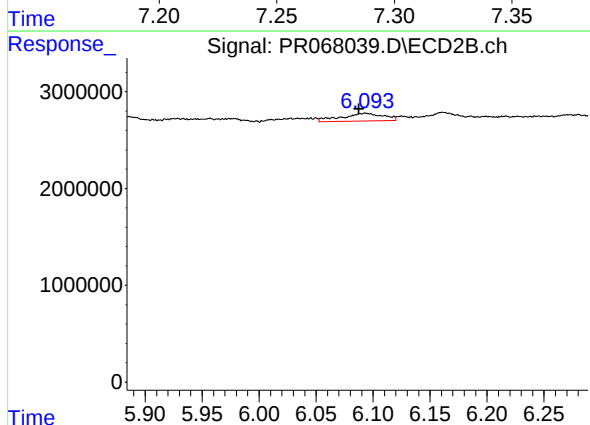
R.T.: 5.928 min
Delta R.T.: 0.001 min
Response: 780572
Conc: 2.69 ng/ml



#33 AR-1260-3

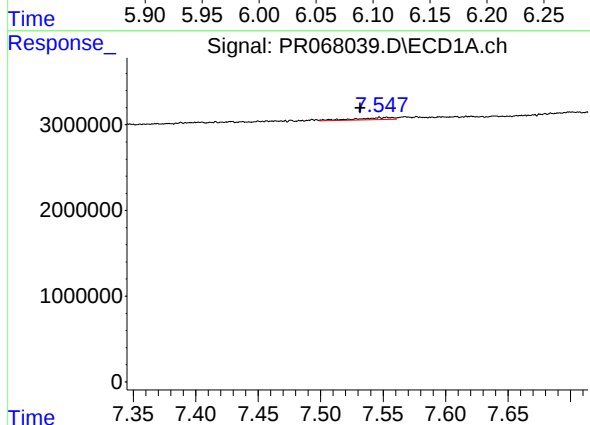
R.T.: 7.291 min
Delta R.T.: 0.001 min
Response: 222634
Conc: 1.61 ng/ml

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



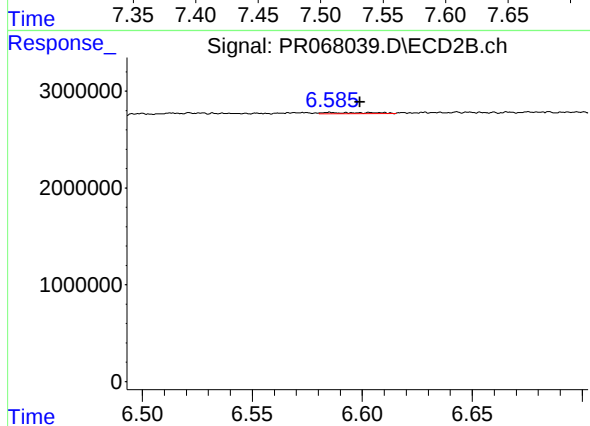
#33 AR-1260-3

R.T.: 6.093 min
Delta R.T.: 0.006 min
Response: 2054937
Conc: 7.48 ng/ml



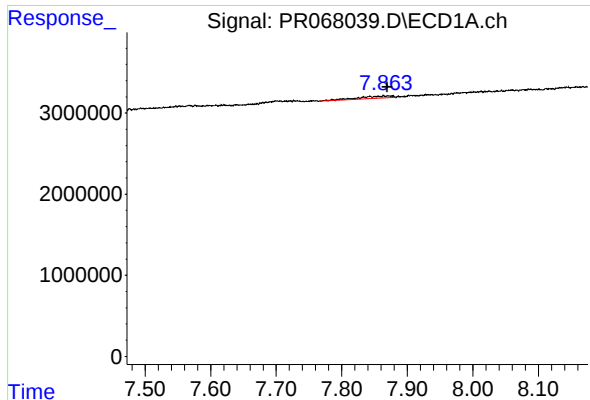
#34 AR-1260-4

R.T.: 7.547 min
Delta R.T.: 0.015 min
Response: 471844
Conc: 3.72 ng/ml



#34 AR-1260-4

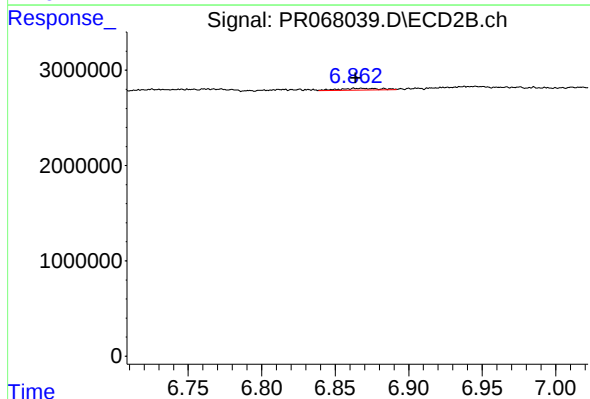
R.T.: 6.585 min
Delta R.T.: -0.014 min
Response: 174439
Conc: 0.83 ng/ml



#35 AR-1260-5

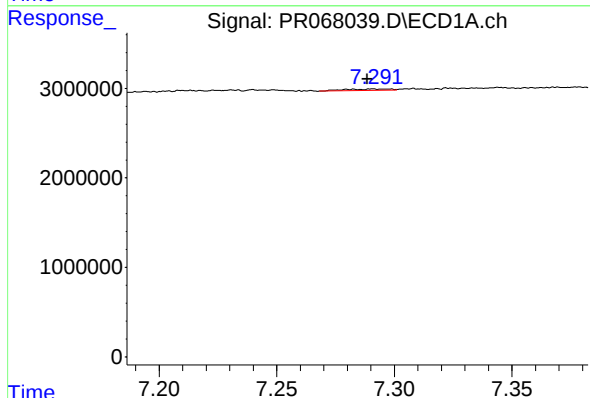
R.T.: 7.864 min
Delta R.T.: -0.005 min
Response: 1023501
Conc: 2.81 ng/ml

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



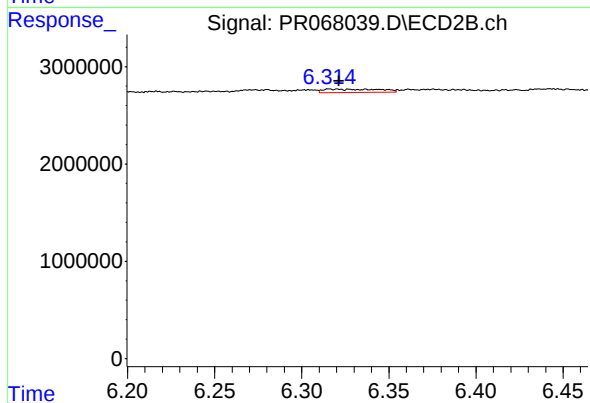
#35 AR-1260-5

R.T.: 6.867 min
Delta R.T.: 0.003 min
Response: 365236
Conc: 0.75 ng/ml



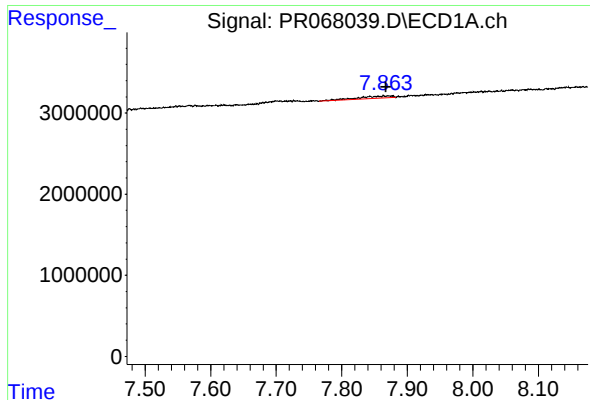
#36 AR-1262-1

R.T.: 7.291 min
Delta R.T.: 0.003 min
Response: 222634
Conc: 1.12 ng/ml



#36 AR-1262-1

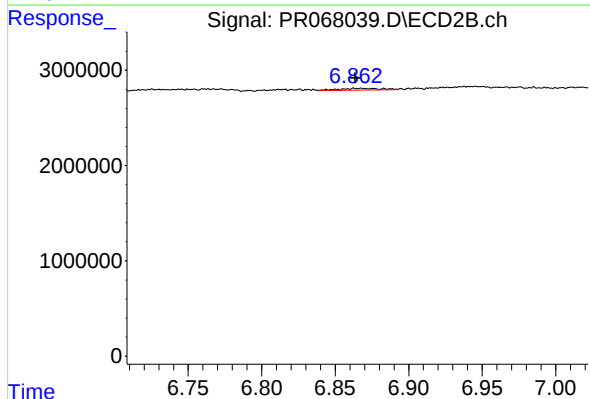
R.T.: 6.337 min
Delta R.T.: 0.015 min
Response: 797584
Conc: 2.31 ng/ml



#37 AR-1262-2

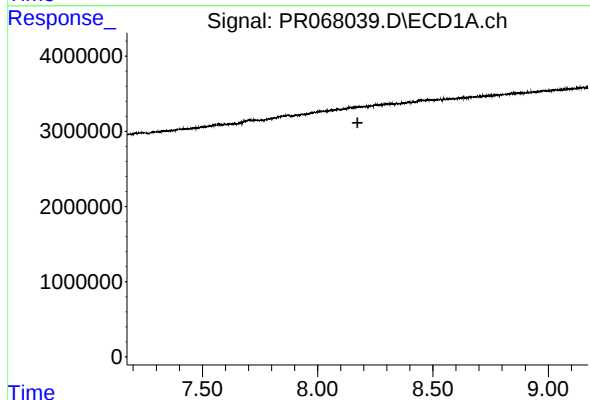
R.T.: 7.864 min
Delta R.T.: -0.004 min
Response: 1023501
Conc: 2.36 ng/ml

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



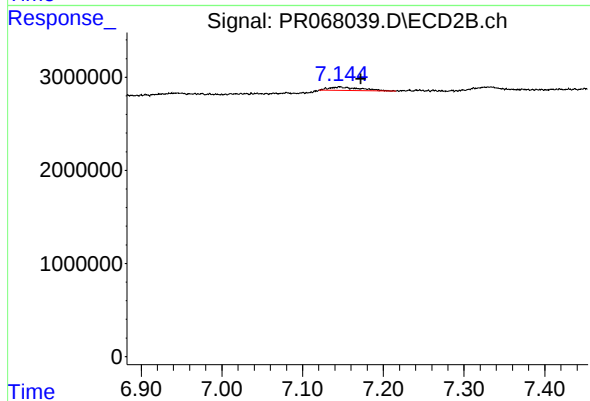
#37 AR-1262-2

R.T.: 6.867 min
Delta R.T.: 0.003 min
Response: 365236
Conc: 0.60 ng/ml



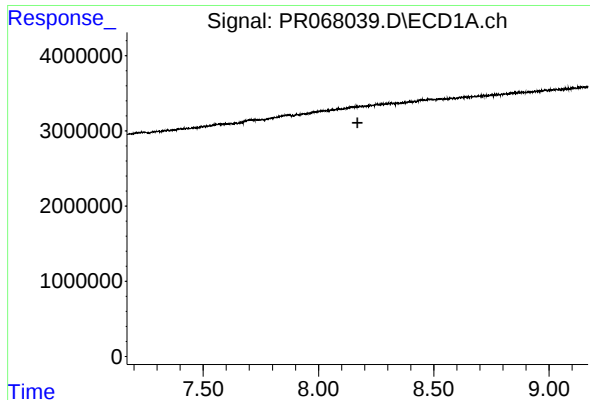
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T.: 8.173 min
Response: 0
Conc: N.D.



#38 AR-1262-3

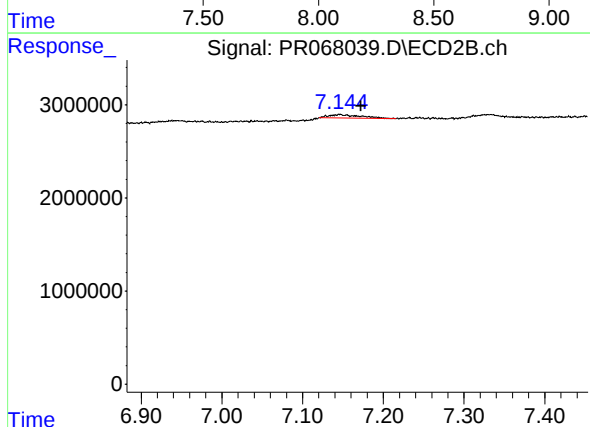
R.T.: 7.146 min
Delta R.T.: -0.027 min
Response: 1031246
Conc: 4.32 ng/ml



#41 AR-1268-1

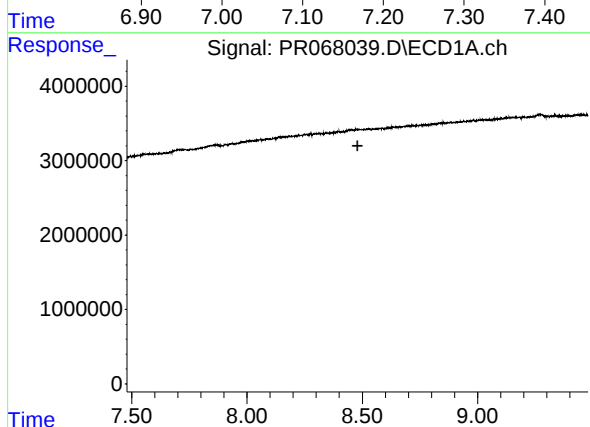
R.T.: 0.000 min
Exp R.T.: 8.169 min
Response: 0
Conc: N.D.

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



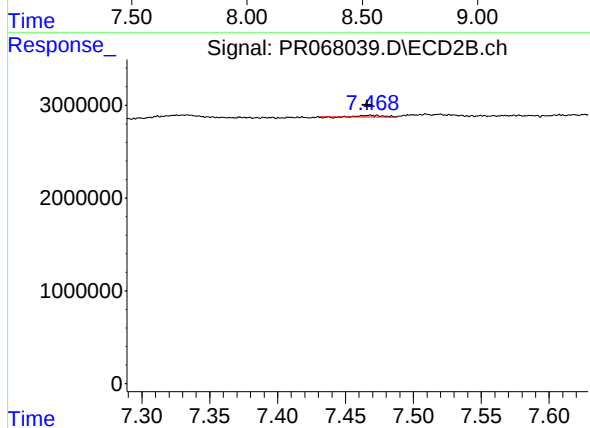
#41 AR-1268-1

R.T.: 7.146 min
Delta R.T.: -0.027 min
Response: 1031246
Conc: 1.40 ng/ml



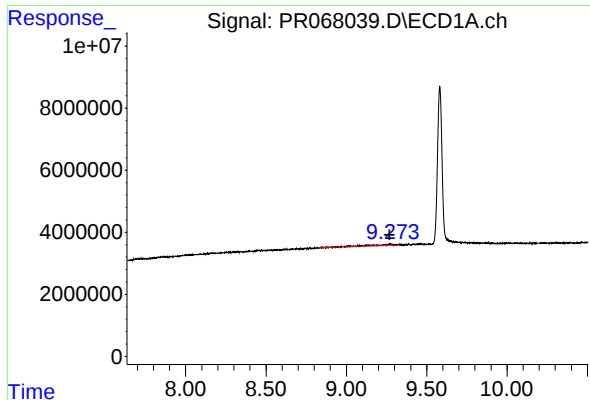
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T.: 8.479 min
Response: 0
Conc: N.D.



#43 AR-1268-3

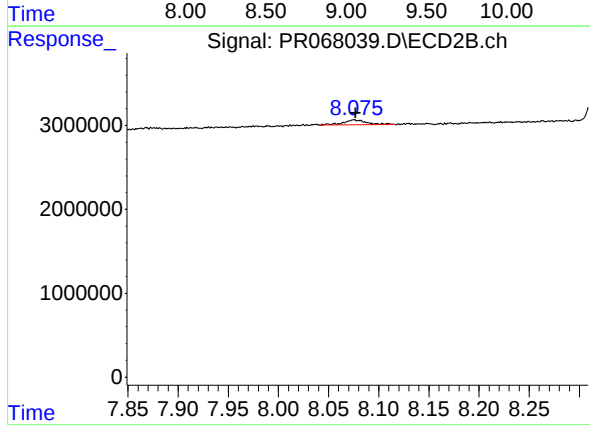
R.T.: 7.469 min
Delta R.T.: 0.003 min
Response: 148321
Conc: 0.24 ng/ml



#45 AR-1268-5

R.T.: 9.270 min
Delta R.T.: 0.000 min
Response: 3798213
Conc: 2.43 ng/ml

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



#45 AR-1268-5

R.T.: 8.076 min
Delta R.T.: 0.000 min
Response: 941305
Conc: 0.66 ng/ml