

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR042919\
 Data File : PR037486.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Apr 2019 23:55
 Operator : SM\SJ
 Sample : K2241-01
 Misc : AR1268 LOD 40PPB
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2019

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 30 04:01:47 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...	4.361	3.406	25076932	95303455	20.046	19.873
2)	SA Decachlor...	9.987	8.245	31717626	152.7E6	23.982	26.216
Target Compounds							
3)	L1 AR-1016-1	0.000	4.463	0	228273	N.D.	1.254 #
4)	L1 AR-1016-2	0.000	4.463	0	228273	N.D.	0.809 #
5)	L1 AR-1016-3	0.000	4.670	0	149072	N.D.	1.037 #
6)	L1 AR-1016-4	0.000	4.670	0	149072	N.D.	1.347 #
7)	L1 AR-1016-5	0.000	4.926	0	888706	N.D.	5.846 #
9)	L2 AR-1221-2	0.000	3.696	0	1701501	N.D.	45.818 #
10)	L2 AR-1221-3	0.000	3.788	0	162408	N.D.	1.326 #
11)	L3 AR-1232-1	0.000	3.788	0	162408	N.D.	1.388 #
12)	L3 AR-1232-2	0.000	4.463	0	228273	N.D.	1.651 #
13)	L3 AR-1232-3	0.000	4.670	0	149072	N.D.	2.123 #
14)	L3 AR-1232-4	0.000	4.713	0	238128	N.D.	3.991 #
15)	L3 AR-1232-5	0.000	4.926	0	888706	N.D.	13.023 #
16)	L4 AR-1242-1	0.000	4.463	0	228273	N.D.	1.558 #
17)	L4 AR-1242-2	0.000	4.463	0	228273	N.D.	1.000 #
18)	L4 AR-1242-3	0.000	4.670	0	149072	N.D.	1.289 #
19)	L4 AR-1242-4	0.000	4.713	0	238128	N.D.	2.167 #
20)	L4 AR-1242-5	0.000	5.246	0	632721	N.D.	3.818 #
21)	L5 AR-1248-1	0.000	4.463	0	228273	N.D.	2.268 #
22)	L5 AR-1248-2	0.000	4.670	0	149072	N.D.	1.092 #
23)	L5 AR-1248-3	0.000	4.713	0	238128	N.D.	1.701 #
24)	L5 AR-1248-4	0.000	4.926	0	888706	N.D.	4.994 #
25)	L5 AR-1248-5	0.000	5.262	0	1117576	N.D.	5.713 #
26)	L6 AR-1254-1	0.000	5.246	0	632721	N.D.	1.837 #
27)	L6 AR-1254-2	0.000	5.366	0	1375112	N.D.	4.591 #
28)	L6 AR-1254-3	6.966	5.763	544681	1759513	5.988	3.715 #
29)	L6 AR-1254-4	0.000	6.032	0	172889	N.D.	0.493 #
30)	L6 AR-1254-5	7.721	6.396	2120741	1930192	29.504	4.359 #
31)	L7 AR-1260-1	0.000	5.901	0	163689	N.D.	0.560 #
32)	L7 AR-1260-2	0.000	6.069	0	2994709	N.D.	6.502 #
33)	L7 AR-1260-3	7.721	6.226	2120741	1078425	33.891	3.025 #
34)	L7 AR-1260-4	7.962	6.678	2894414	14460758	38.901	47.449
35)	L7 AR-1260-5	8.259	6.928	1340775	5320162	9.271	6.135 #
36)	L8 AR-1262-1	7.721	6.489	2120741	3609156	20.303	14.401 #
37)	L8 AR-1262-2	8.259	6.928	1340775	5320162	6.898	4.236 #
38)	L8 AR-1262-3	8.556	7.203	10776714	68685790	81.946	125.278 #
39)	L8 AR-1262-4	8.649	7.269	9682040	58173083	98.566	64.806 #
40)	L8 AR-1262-5	9.281	7.759	3447548	17452190	49.935	45.612
41)	L9 AR-1268-1	8.556	7.203	10776714	68685790	60.174	55.796
42)	L9 AR-1268-2	8.649	7.269	9682040	58173083	58.858	54.936

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 ALS Vial : 27 Sample Multiplier: 1

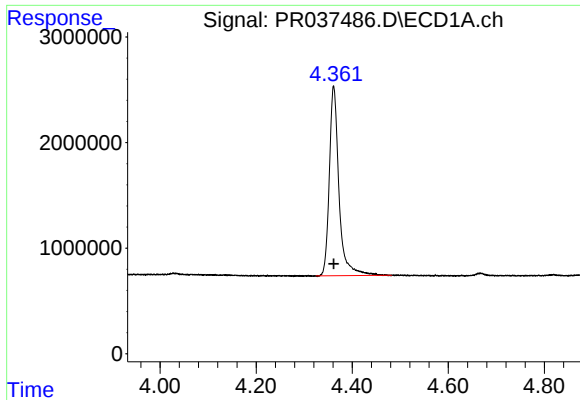
Instrument :
 ECD_R
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2019

Integration File signal 1: autoint1.e
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 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	8.864	7.465	7964608	47510848	57.532	53.609
44) L9	AR-1268-4	9.281	7.759	3447548	17452190	55.262	48.106
45) L9	AR-1268-5	9.671	8.025	22127807	120.4E6	48.540	47.330

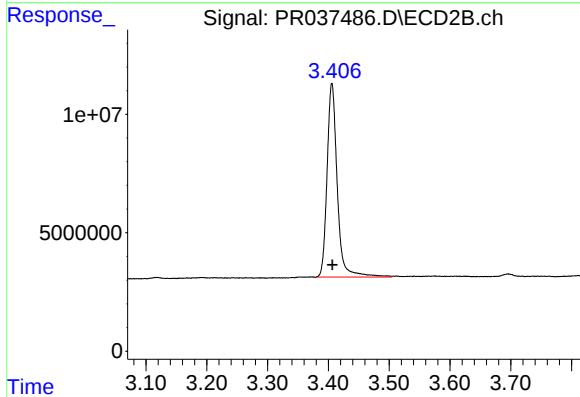
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

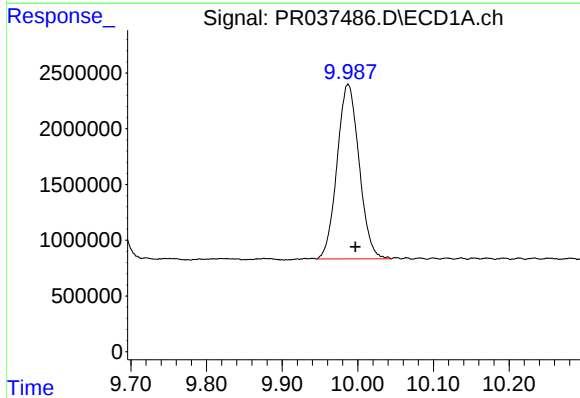
R.T.: 4.361 min
Delta R.T.: 0.000 min
Response: 25076932
Conc: 20.05 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019



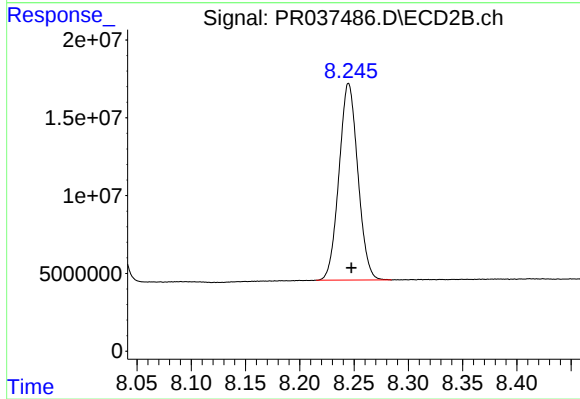
#1 Tetrachloro-m-xylene

R.T.: 3.406 min
Delta R.T.: 0.000 min
Response: 95303455
Conc: 19.87 ng/ml



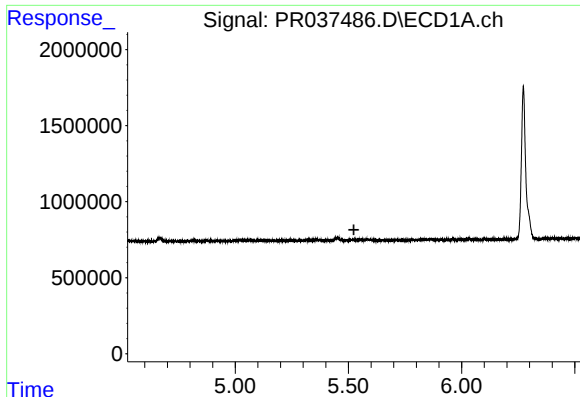
#2 Decachlorobiphenyl

R.T.: 9.987 min
Delta R.T.: -0.010 min
Response: 31717626
Conc: 23.98 ng/ml



#2 Decachlorobiphenyl

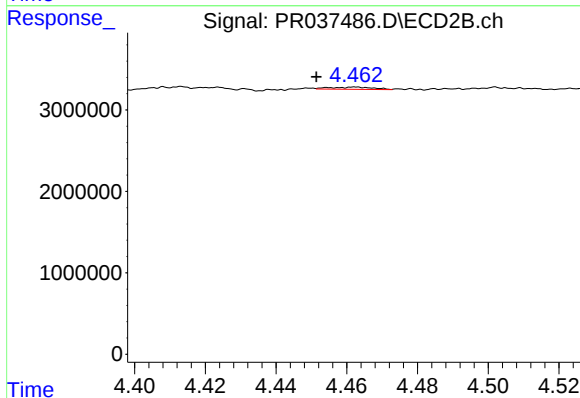
R.T.: 8.245 min
Delta R.T.: -0.002 min
Response: 152687510
Conc: 26.22 ng/ml



#3 AR-1016-1

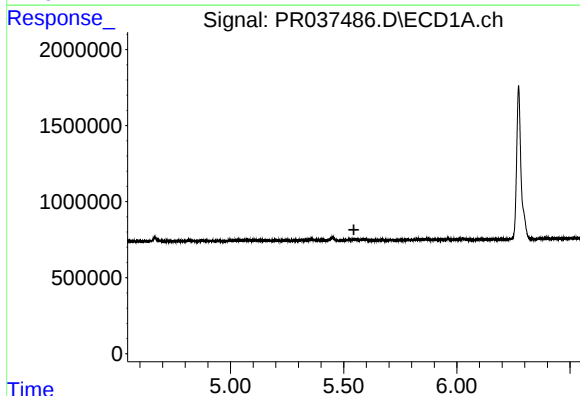
R.T.: 0.000 min
Exp R.T.: 5.524 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019



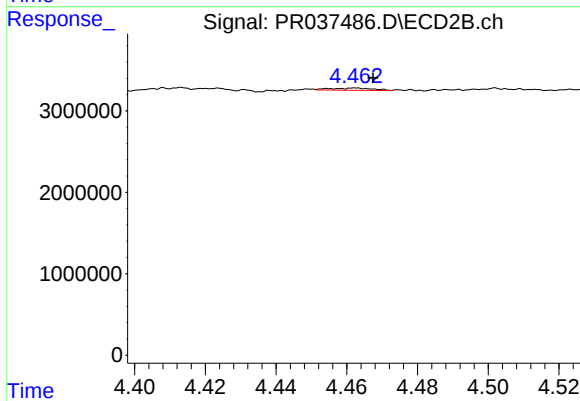
#3 AR-1016-1

R.T.: 4.463 min
Delta R.T.: 0.011 min
Response: 228273
Conc: 1.25 ng/ml



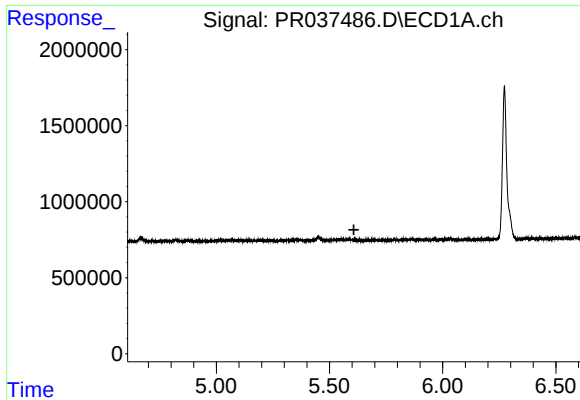
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T.: 5.545 min
Response: 0
Conc: N.D.



#4 AR-1016-2

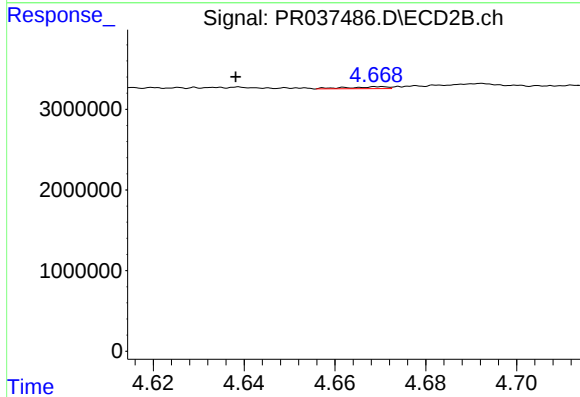
R.T.: 4.463 min
Delta R.T.: -0.005 min
Response: 228273
Conc: 0.81 ng/ml



#5 AR-1016-3

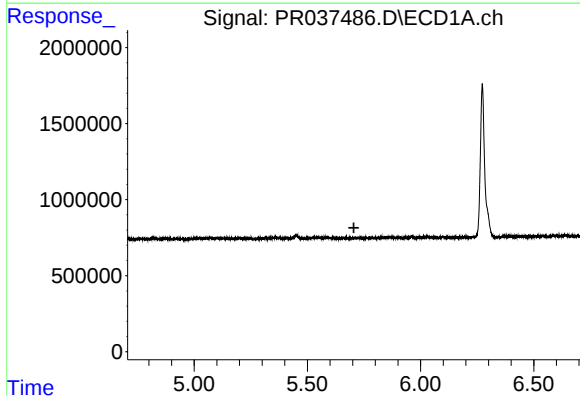
R.T.: 0.000 min
Exp R.T.: 5.608 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019



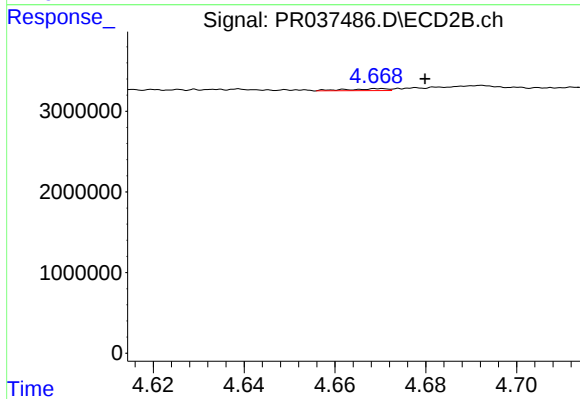
#5 AR-1016-3

R.T.: 4.670 min
Delta R.T.: 0.032 min
Response: 149072
Conc: 1.04 ng/ml



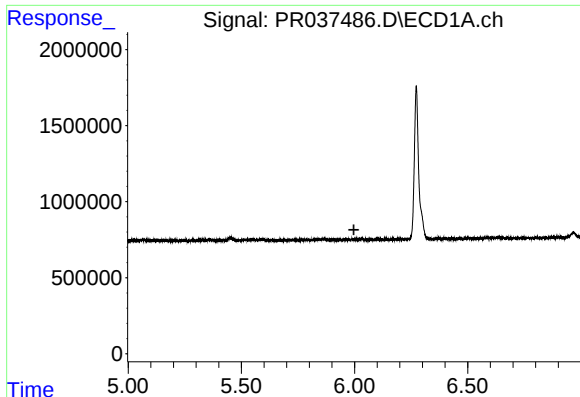
#6 AR-1016-4

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



#6 AR-1016-4

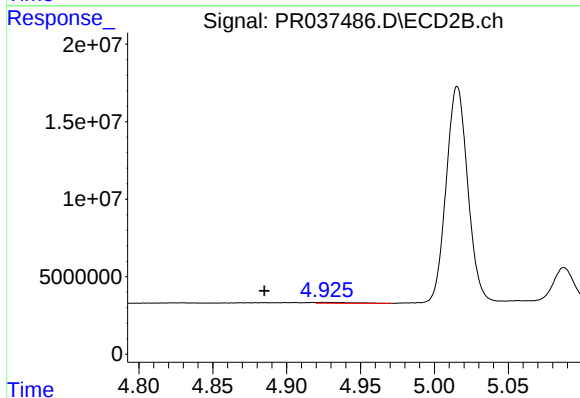
R.T.: 4.670 min
Delta R.T.: -0.010 min
Response: 149072
Conc: 1.35 ng/ml



#7 AR-1016-5

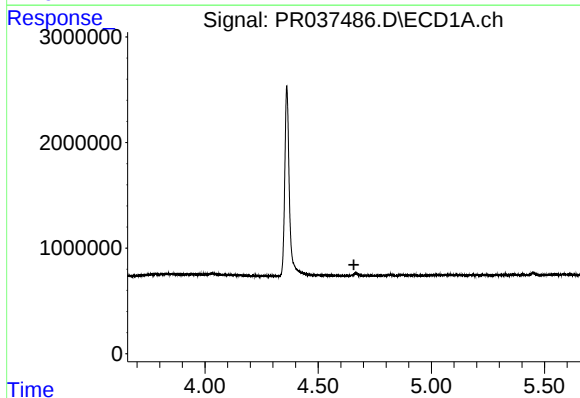
R.T.: 0.000 min
Exp R.T.: 5.997 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019



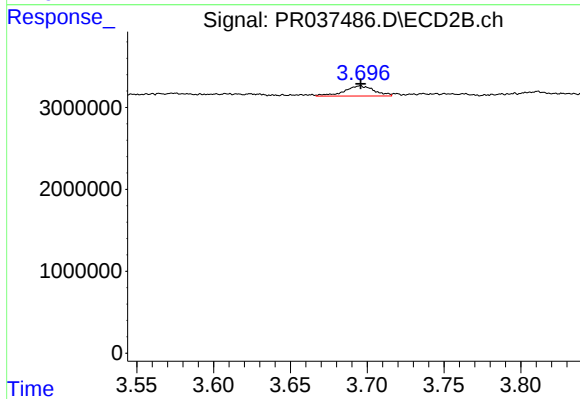
#7 AR-1016-5

R.T.: 4.926 min
Delta R.T.: 0.041 min
Response: 888706
Conc: 5.85 ng/ml



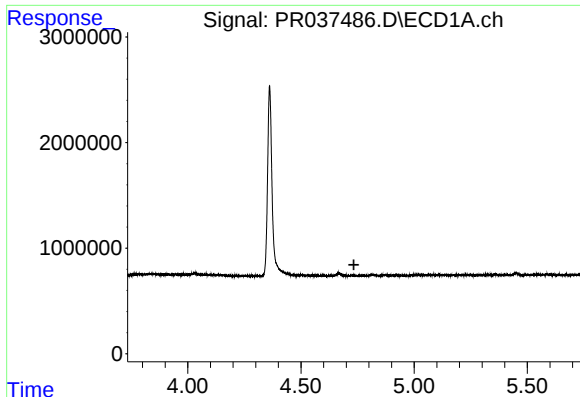
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T.: 4.658 min
Response: 0
Conc: N.D.



#9 AR-1221-2

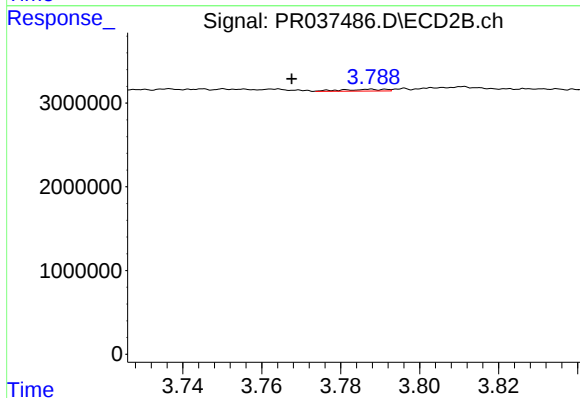
R.T.: 3.696 min
Delta R.T.: 0.000 min
Response: 1701501
Conc: 45.82 ng/ml



#10 AR-1221-3

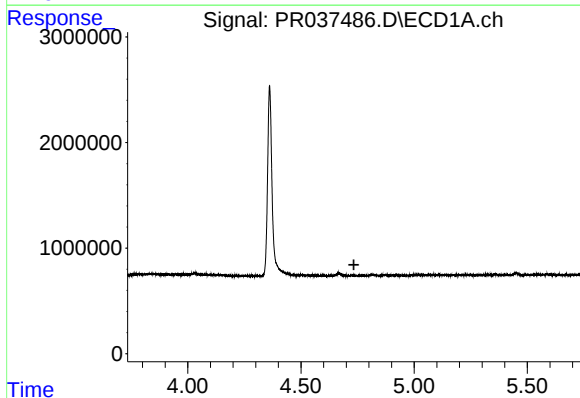
R.T.: 0.000 min
Exp R.T.: 4.734 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019



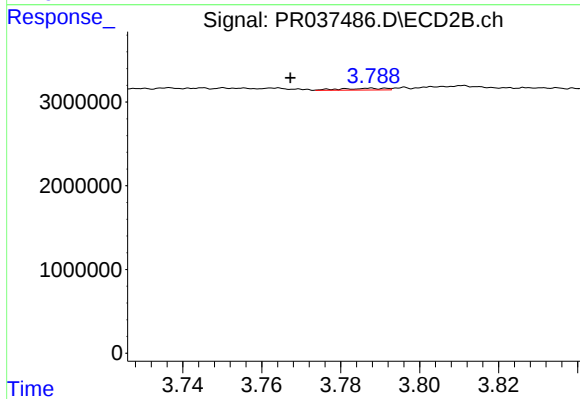
#10 AR-1221-3

R.T.: 3.788 min
Delta R.T.: 0.020 min
Response: 162408
Conc: 1.33 ng/ml



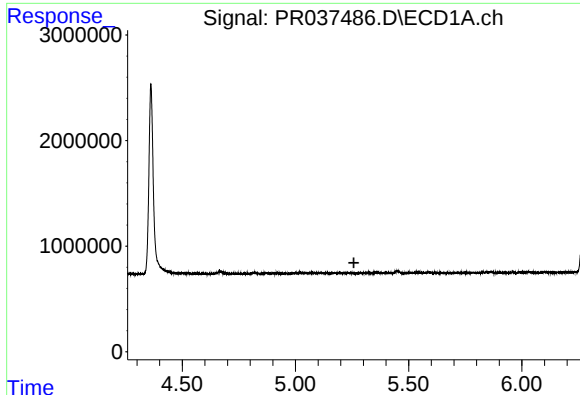
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T.: 4.734 min
Response: 0
Conc: N.D.



#11 AR-1232-1

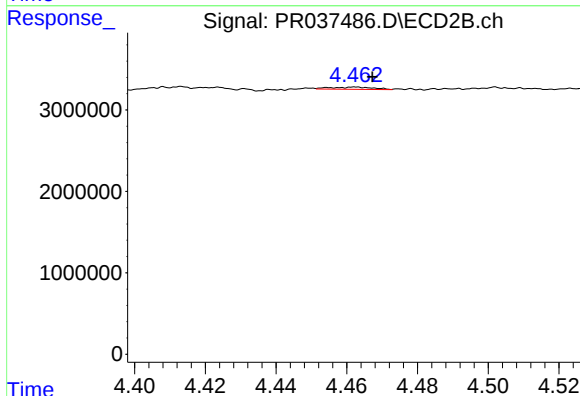
R.T.: 3.788 min
Delta R.T.: 0.020 min
Response: 162408
Conc: 1.39 ng/ml



#12 AR-1232-2

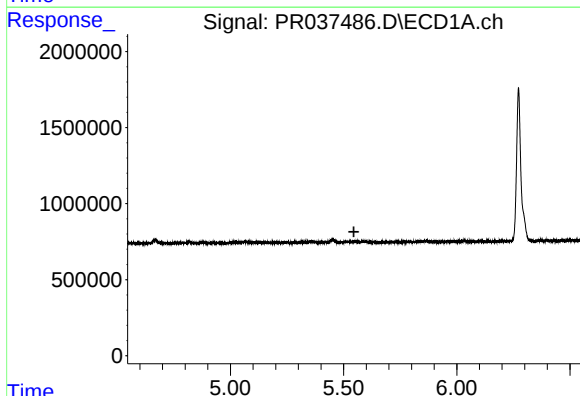
R.T.: 0.000 min
Exp R.T.: 5.258 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019



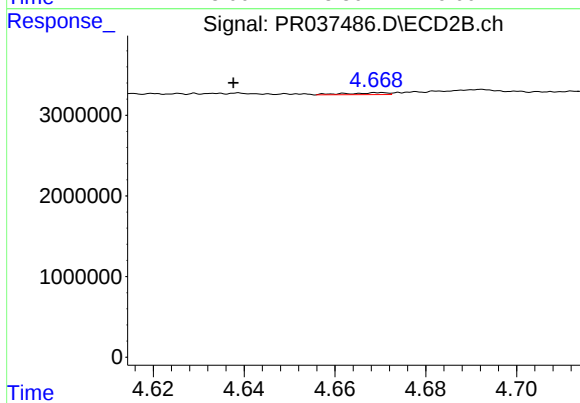
#12 AR-1232-2

R.T.: 4.463 min
Delta R.T.: -0.005 min
Response: 228273
Conc: 1.65 ng/ml



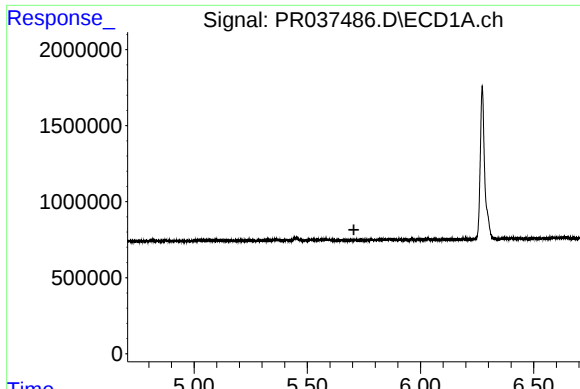
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T.: 5.545 min
Response: 0
Conc: N.D.



#13 AR-1232-3

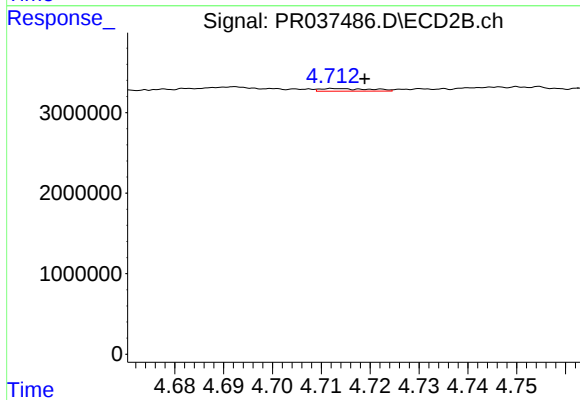
R.T.: 4.670 min
Delta R.T.: 0.032 min
Response: 149072
Conc: 2.12 ng/ml



#14 AR-1232-4

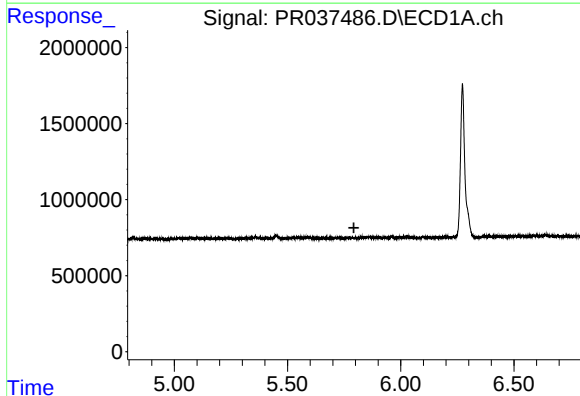
R.T.: 0.000 min
Exp R.T.: 5.706 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019



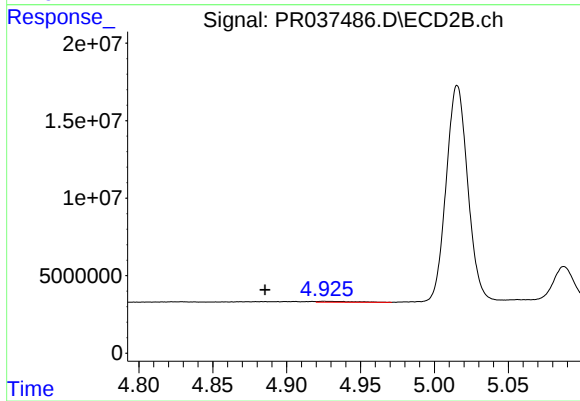
#14 AR-1232-4

R.T.: 4.713 min
Delta R.T.: -0.006 min
Response: 238128
Conc: 3.99 ng/ml



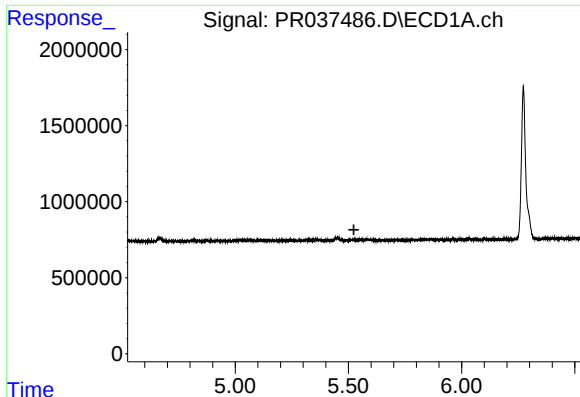
#15 AR-1232-5

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



#15 AR-1232-5

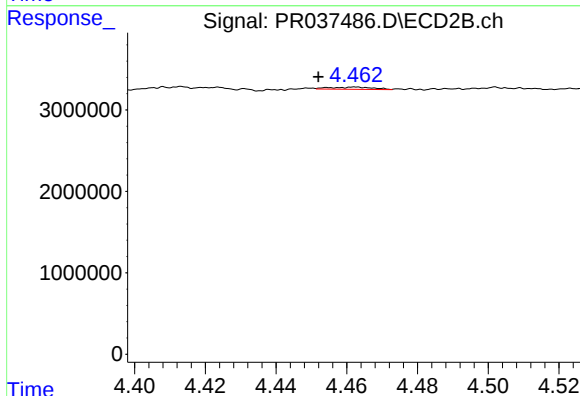
R.T.: 4.926 min
Delta R.T.: 0.040 min
Response: 888706
Conc: 13.02 ng/ml



#16 AR-1242-1

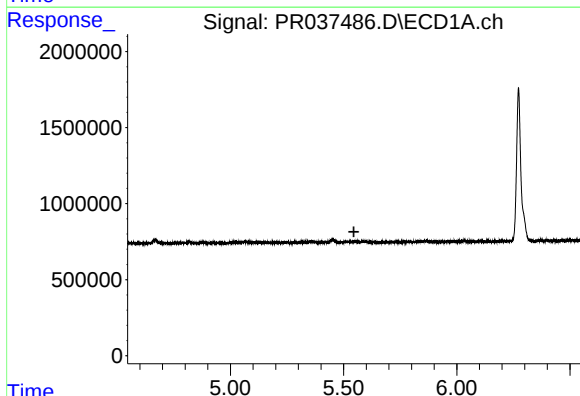
R.T.: 0.000 min
Exp R.T.: 5.524 min
Response: 0
Conc: N.D.

Instrument :
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ClientSampleId :
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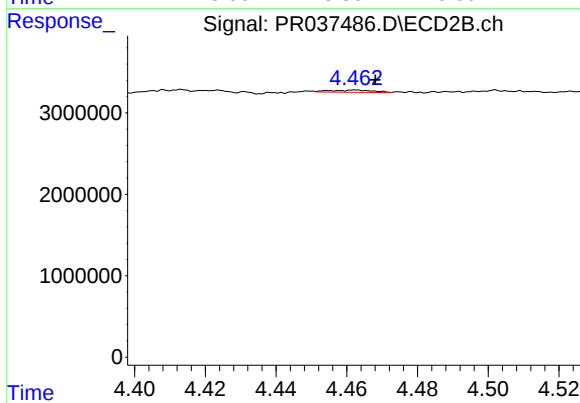
#16 AR-1242-1

R.T.: 4.463 min
Delta R.T.: 0.011 min
Response: 228273
Conc: 1.56 ng/ml



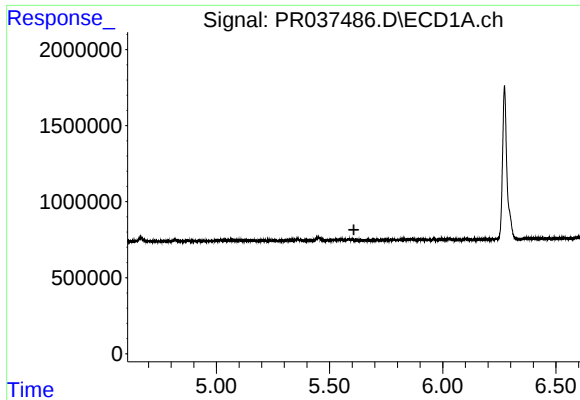
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T.: 5.545 min
Response: 0
Conc: N.D.



#17 AR-1242-2

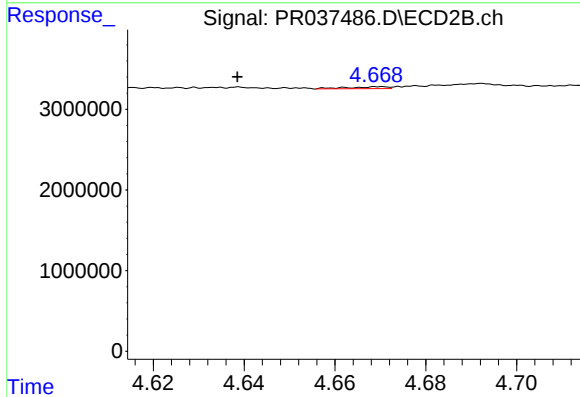
R.T.: 4.463 min
Delta R.T.: -0.006 min
Response: 228273
Conc: 1.00 ng/ml



#18 AR-1242-3

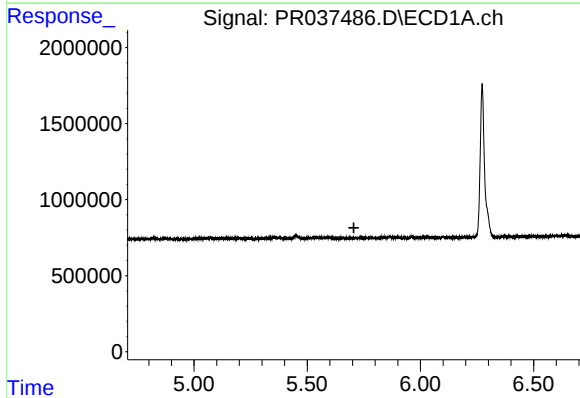
R.T.: 0.000 min
Exp R.T.: 5.608 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019



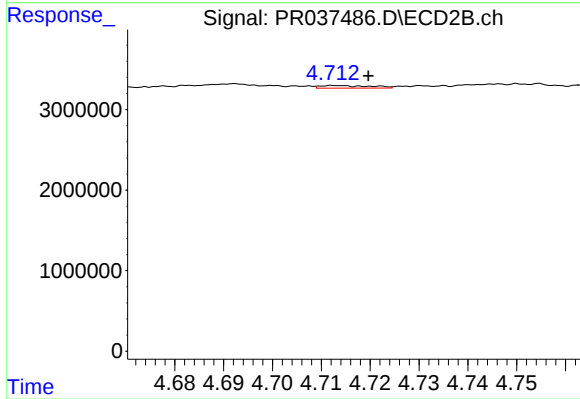
#18 AR-1242-3

R.T.: 4.670 min
Delta R.T.: 0.031 min
Response: 149072
Conc: 1.29 ng/ml



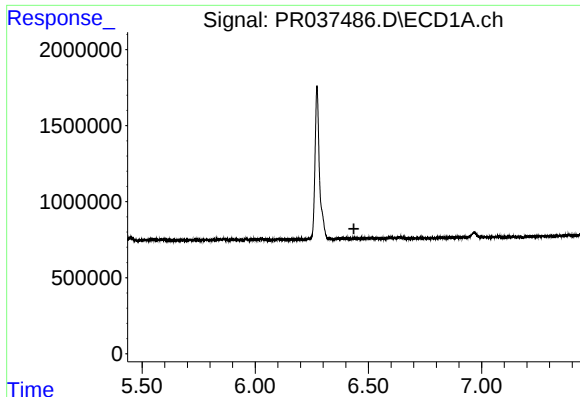
#19 AR-1242-4

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



#19 AR-1242-4

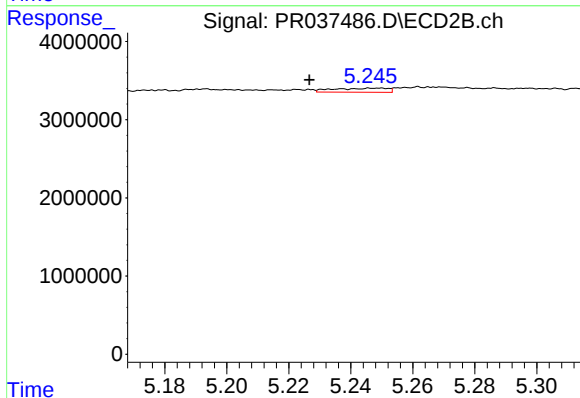
R.T.: 4.713 min
Delta R.T.: -0.007 min
Response: 238128
Conc: 2.17 ng/ml



#20 AR-1242-5

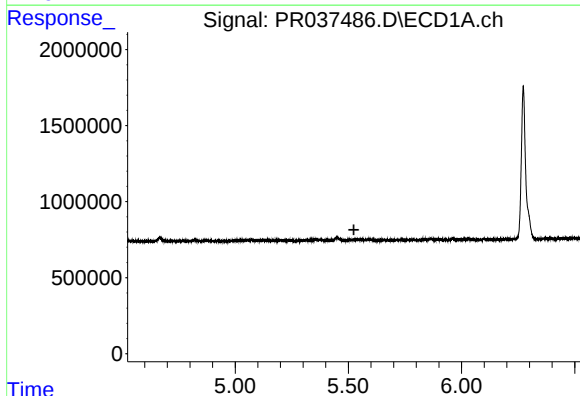
R.T.: 0.000 min
Exp R.T.: 6.436 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019



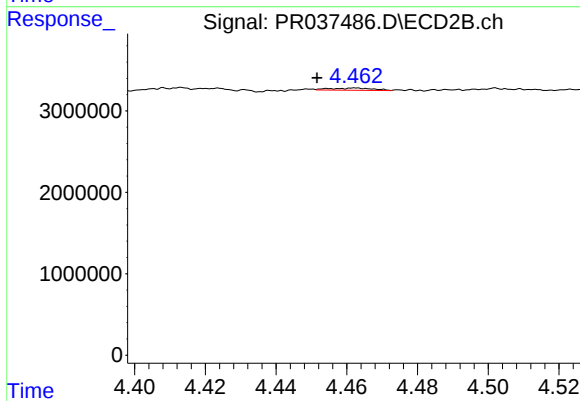
#20 AR-1242-5

R.T.: 5.246 min
Delta R.T.: 0.019 min
Response: 632721
Conc: 3.82 ng/ml



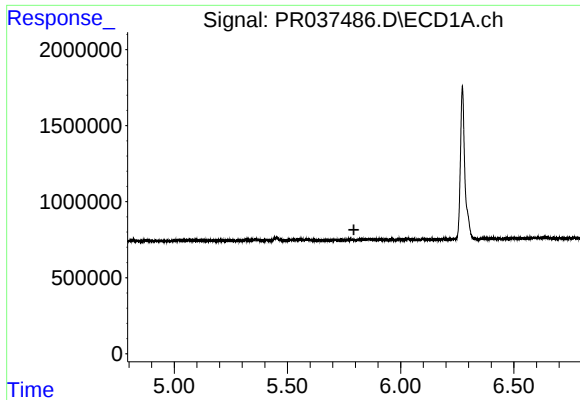
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T.: 5.525 min
Response: 0
Conc: N.D.



#21 AR-1248-1

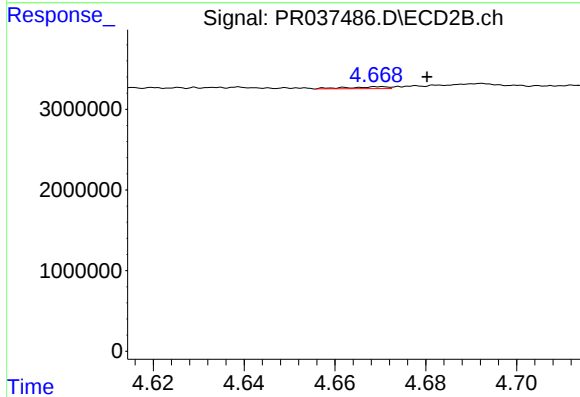
R.T.: 4.463 min
Delta R.T.: 0.011 min
Response: 228273
Conc: 2.27 ng/ml



#22 AR-1248-2

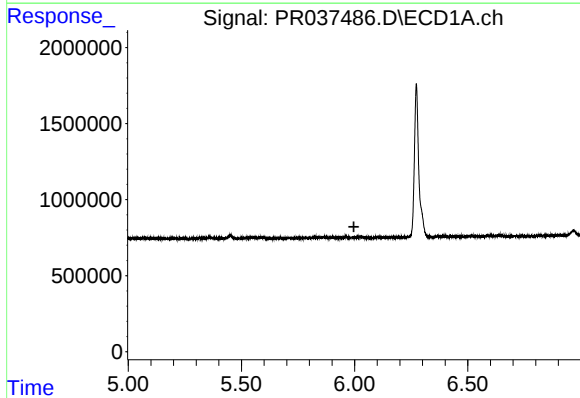
R.T.: 0.000 min
Exp R.T.: 5.793 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019



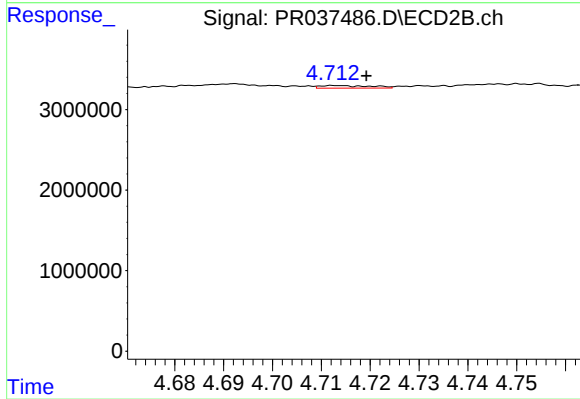
#22 AR-1248-2

R.T.: 4.670 min
Delta R.T.: -0.010 min
Response: 149072
Conc: 1.09 ng/ml



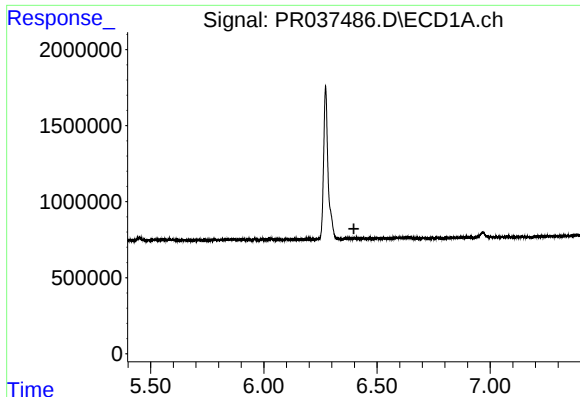
#23 AR-1248-3

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



#23 AR-1248-3

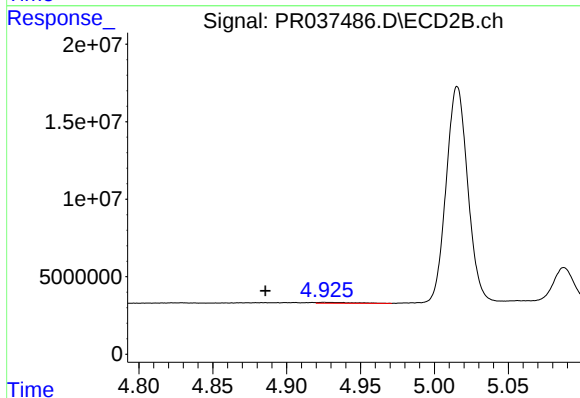
R.T.: 4.713 min
Delta R.T.: -0.007 min
Response: 238128
Conc: 1.70 ng/ml



#24 AR-1248-4

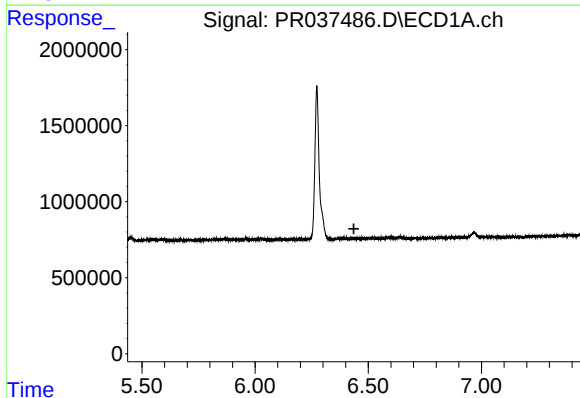
R.T.: 0.000 min
Exp R.T.: 6.398 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019



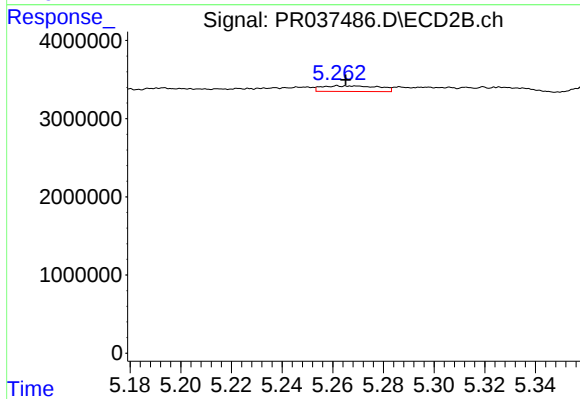
#24 AR-1248-4

R.T.: 4.926 min
Delta R.T.: 0.040 min
Response: 888706
Conc: 4.99 ng/ml



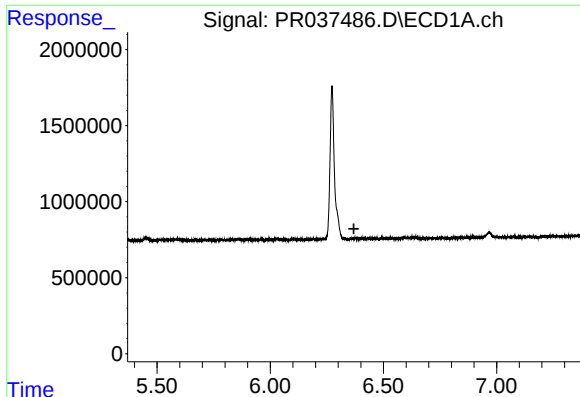
#25 AR-1248-5

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



#25 AR-1248-5

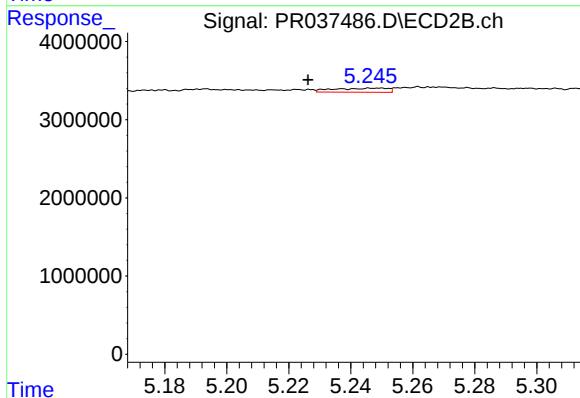
R.T.: 5.262 min
Delta R.T.: -0.003 min
Response: 1117576
Conc: 5.71 ng/ml



#26 AR-1254-1

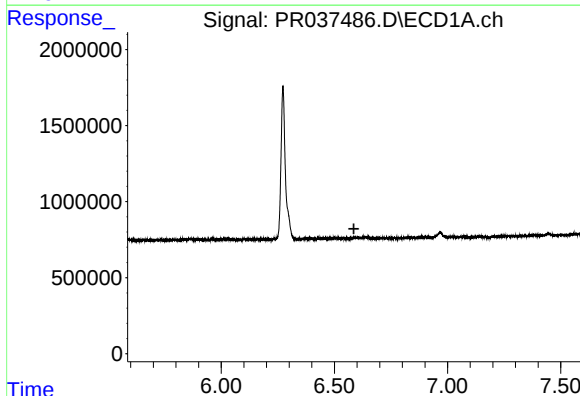
R.T.: 0.000 min
Exp R.T.: 6.369 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019



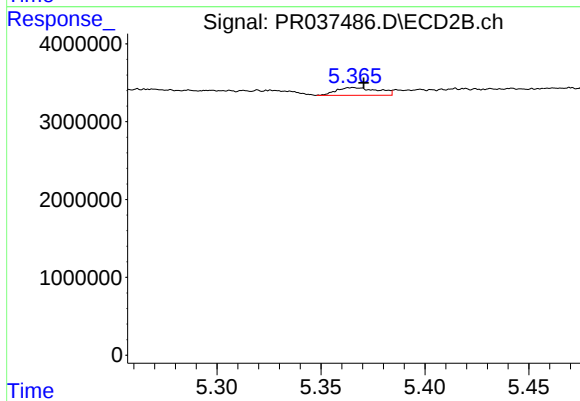
#26 AR-1254-1

R.T.: 5.246 min
Delta R.T.: 0.020 min
Response: 632721
Conc: 1.84 ng/ml



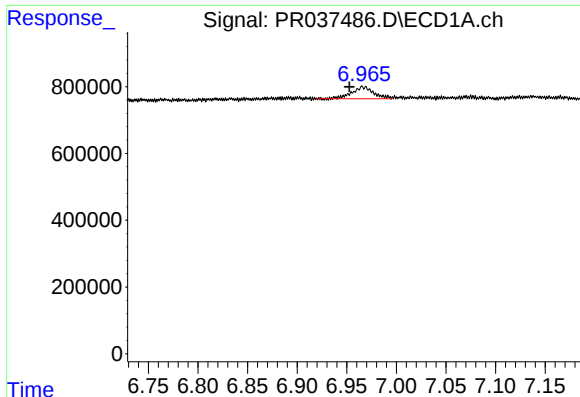
#27 AR-1254-2

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



#27 AR-1254-2

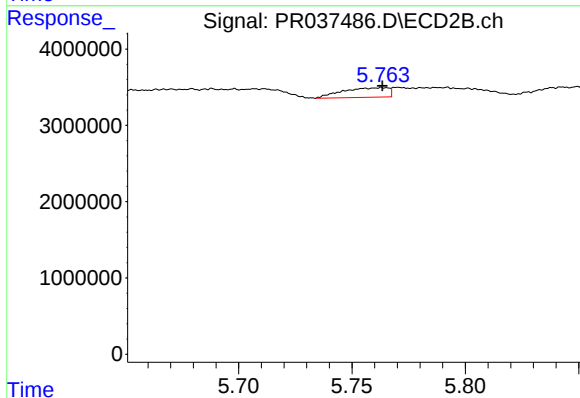
R.T.: 5.366 min
Delta R.T.: -0.005 min
Response: 1375112
Conc: 4.59 ng/ml



#28 AR-1254-3

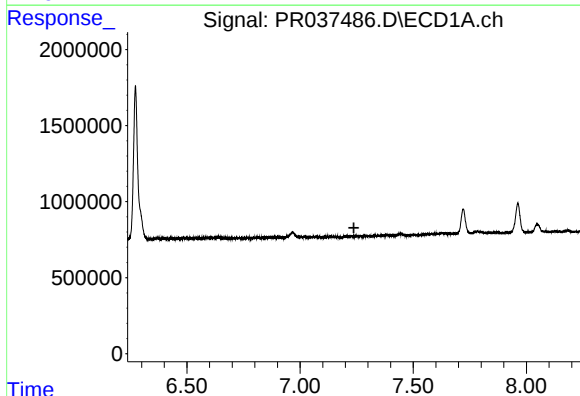
R.T.: 6.966 min
Delta R.T.: 0.013 min
Response: 544681
Conc: 5.99 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019



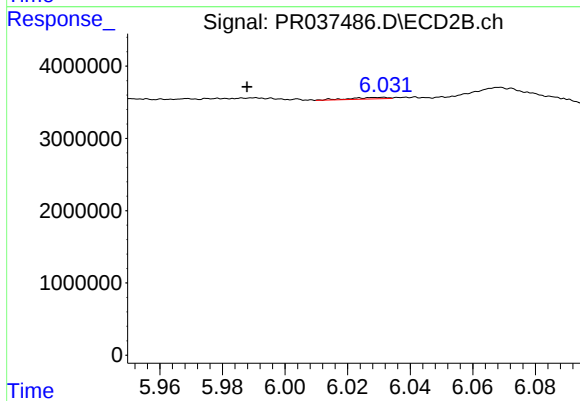
#28 AR-1254-3

R.T.: 5.763 min
Delta R.T.: 0.000 min
Response: 1759513
Conc: 3.72 ng/ml



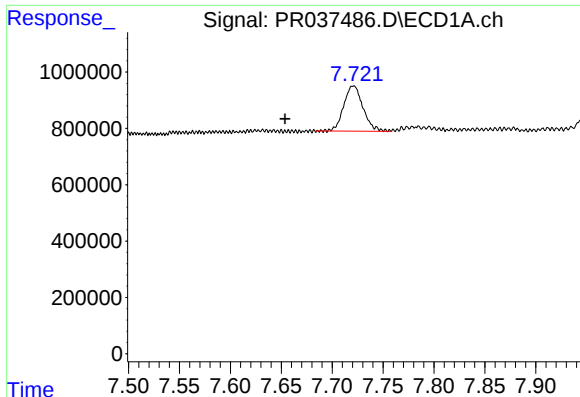
#29 AR-1254-4

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



#29 AR-1254-4

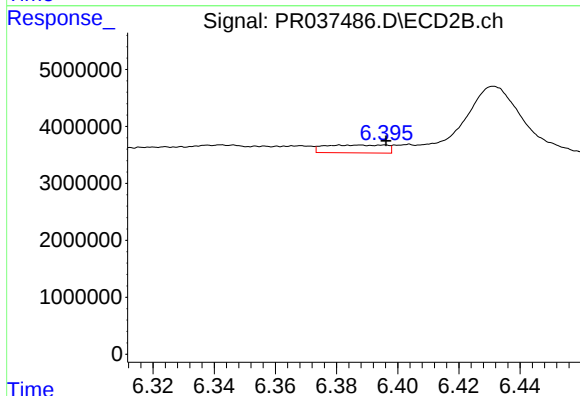
R.T.: 6.032 min
Delta R.T.: 0.044 min
Response: 172889
Conc: 0.49 ng/ml



#30 AR-1254-5

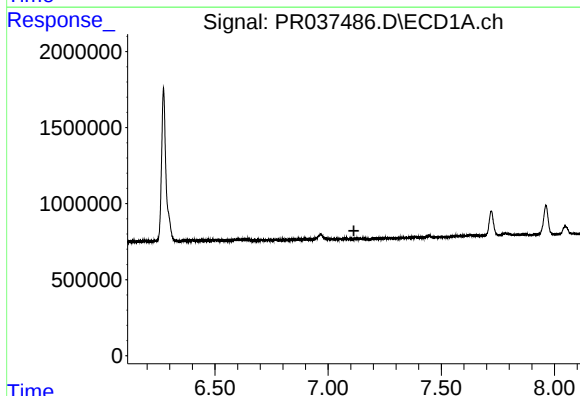
R.T.: 7.721 min
Delta R.T.: 0.067 min
Response: 2120741
Conc: 29.50 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019



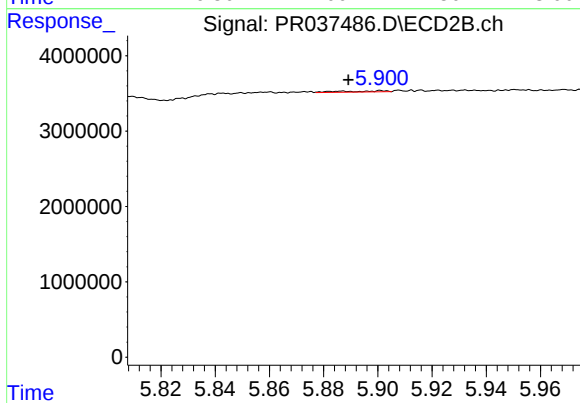
#30 AR-1254-5

R.T.: 6.396 min
Delta R.T.: 0.000 min
Response: 1930192
Conc: 4.36 ng/ml



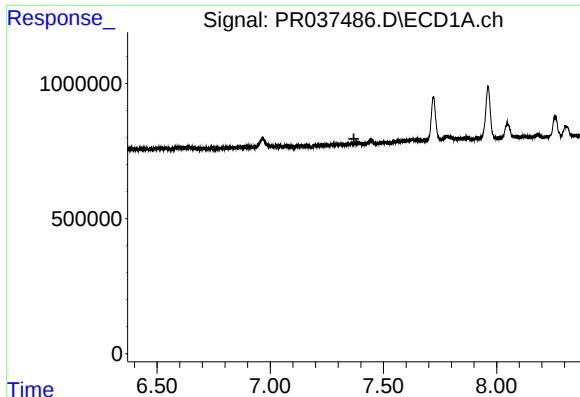
#31 AR-1260-1

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



#31 AR-1260-1

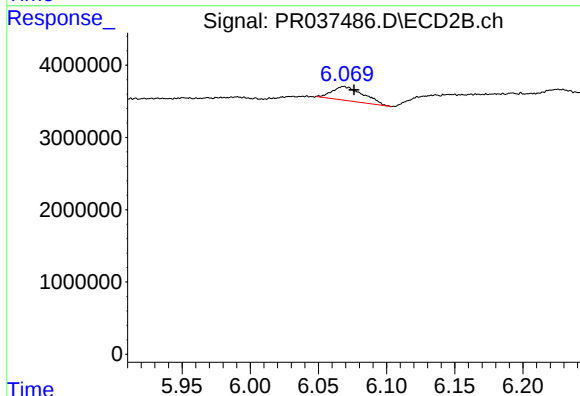
R.T.: 5.901 min
Delta R.T.: 0.012 min
Response: 163689
Conc: 0.56 ng/ml



#32 AR-1260-2

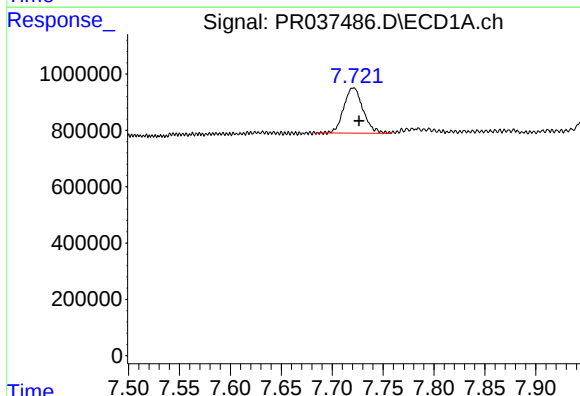
R.T.: 0.000 min
Exp R.T.: 7.369 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019



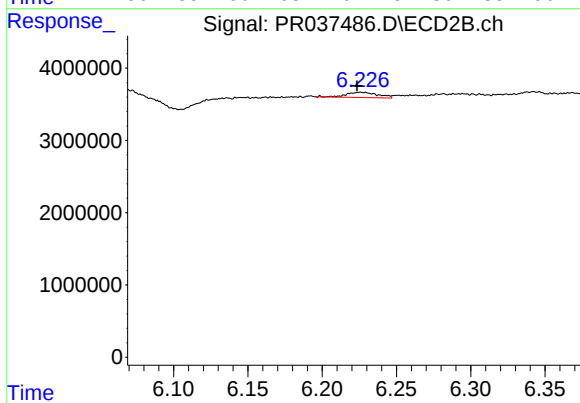
#32 AR-1260-2

R.T.: 6.069 min
Delta R.T.: -0.008 min
Response: 2994709
Conc: 6.50 ng/ml



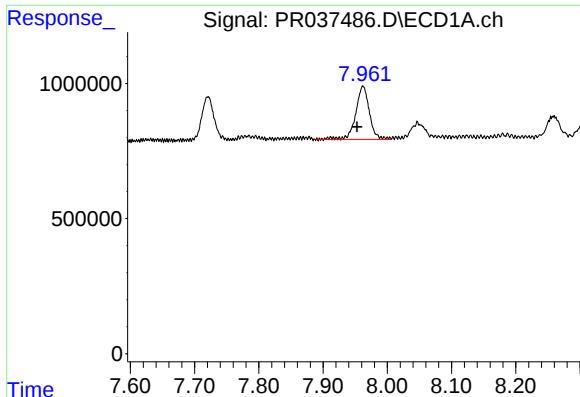
#33 AR-1260-3

R.T.: 7.721 min
Delta R.T.: -0.005 min
Response: 2120741
Conc: 33.89 ng/ml



#33 AR-1260-3

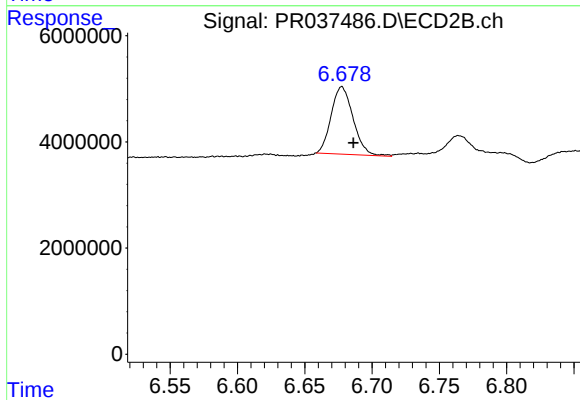
R.T.: 6.226 min
Delta R.T.: 0.002 min
Response: 1078425
Conc: 3.03 ng/ml



#34 AR-1260-4

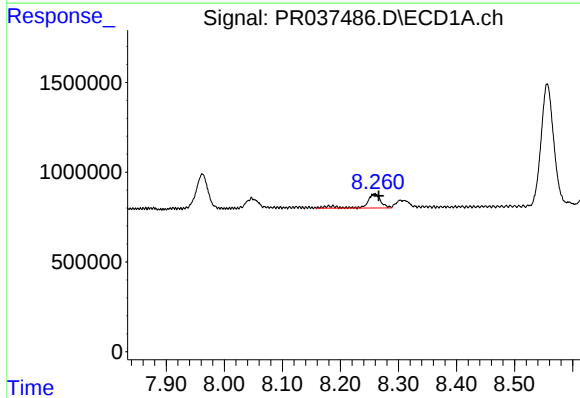
R.T.: 7.962 min
Delta R.T.: 0.009 min
Response: 2894414
Conc: 38.90 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019



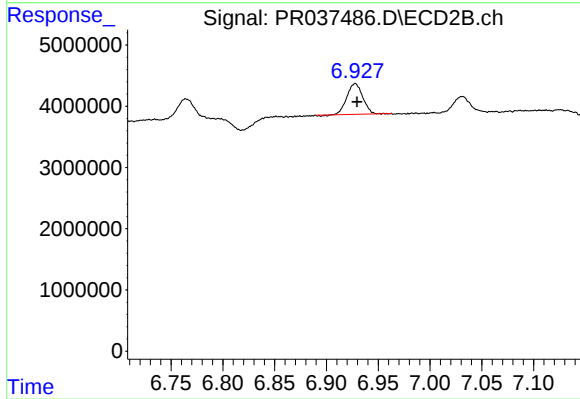
#34 AR-1260-4

R.T.: 6.678 min
Delta R.T.: -0.008 min
Response: 14460758
Conc: 47.45 ng/ml



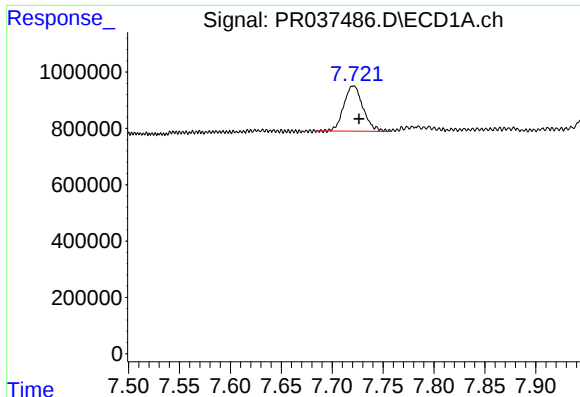
#35 AR-1260-5

R.T.: 8.259 min
Delta R.T.: -0.007 min
Response: 1340775
Conc: 9.27 ng/ml



#35 AR-1260-5

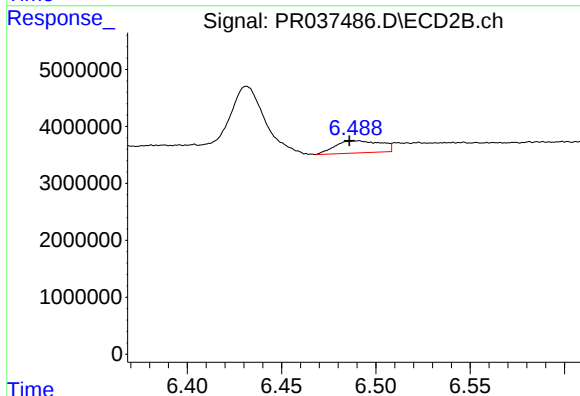
R.T.: 6.928 min
Delta R.T.: -0.002 min
Response: 5320162
Conc: 6.13 ng/ml



#36 AR-1262-1

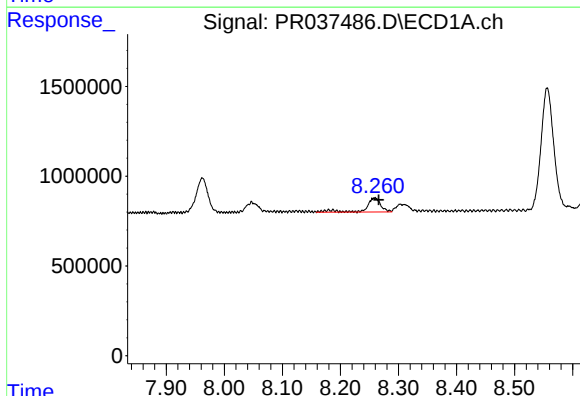
R.T.: 7.721 min
Delta R.T.: -0.005 min
Response: 2120741
Conc: 20.30 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019



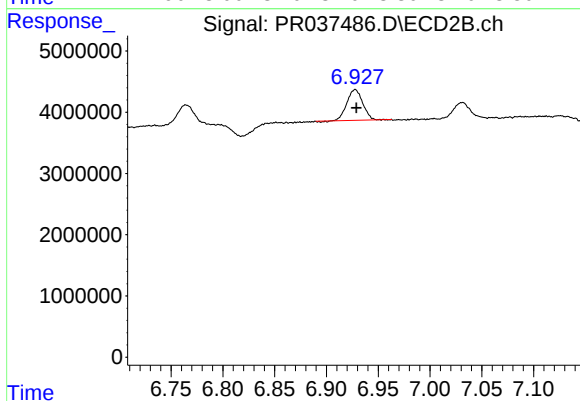
#36 AR-1262-1

R.T.: 6.489 min
Delta R.T.: 0.003 min
Response: 3609156
Conc: 14.40 ng/ml



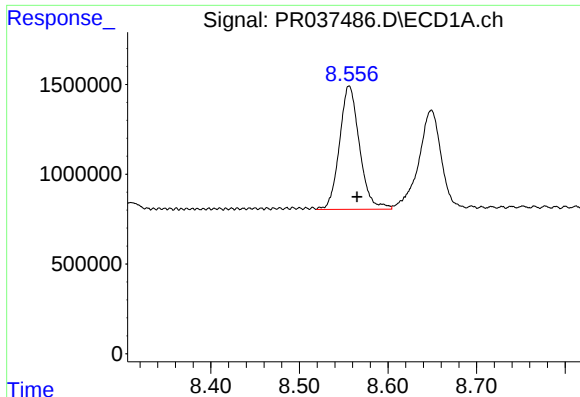
#37 AR-1262-2

R.T.: 8.259 min
Delta R.T.: -0.007 min
Response: 1340775
Conc: 6.90 ng/ml



#37 AR-1262-2

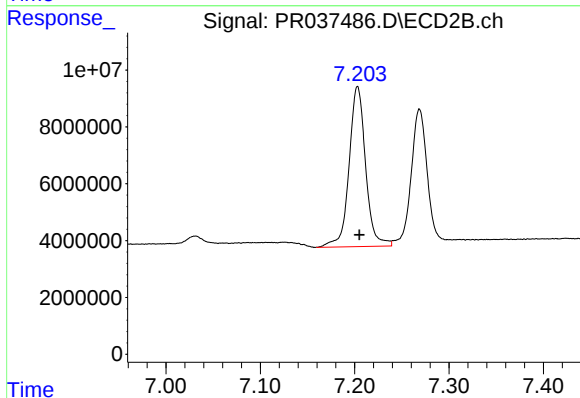
R.T.: 6.928 min
Delta R.T.: -0.001 min
Response: 5320162
Conc: 4.24 ng/ml



#38 AR-1262-3

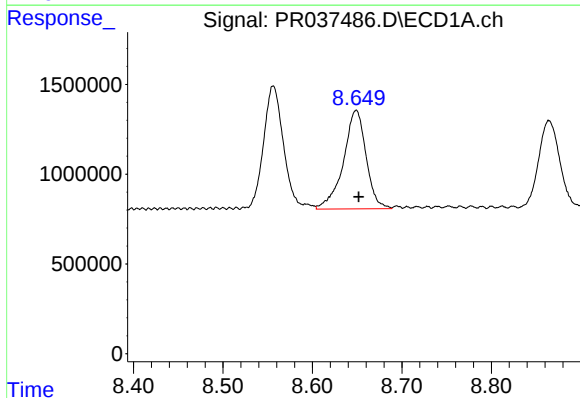
R.T.: 8.556 min
Delta R.T.: -0.009 min
Response: 10776714
Conc: 81.95 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019



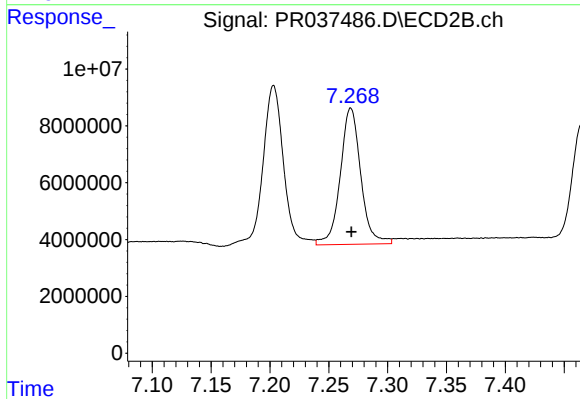
#38 AR-1262-3

R.T.: 7.203 min
Delta R.T.: -0.002 min
Response: 68685790
Conc: 125.28 ng/ml



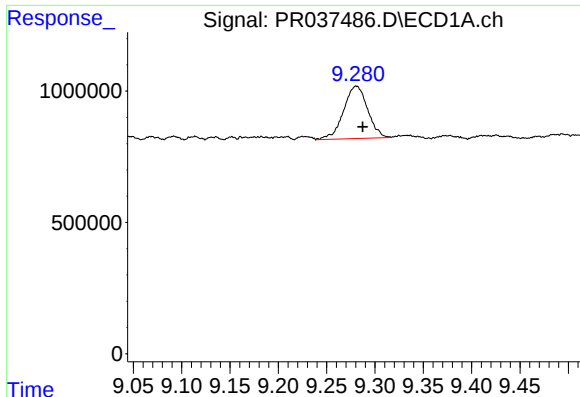
#39 AR-1262-4

R.T.: 8.649 min
Delta R.T.: -0.003 min
Response: 9682040
Conc: 98.57 ng/ml



#39 AR-1262-4

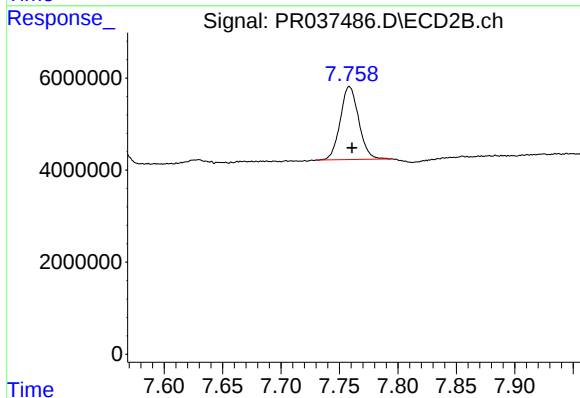
R.T.: 7.269 min
Delta R.T.: 0.000 min
Response: 58173083
Conc: 64.81 ng/ml



#40 AR-1262-5

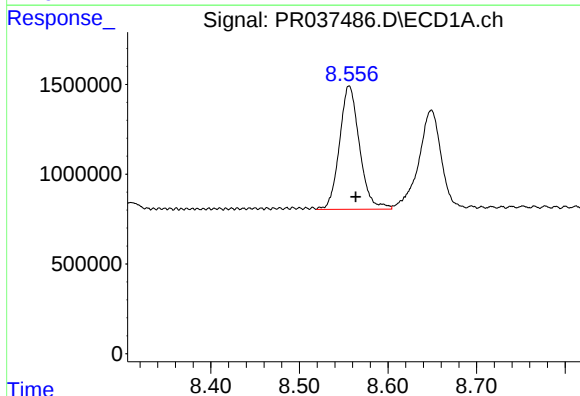
R.T.: 9.281 min
Delta R.T.: -0.007 min
Response: 3447548
Conc: 49.94 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019



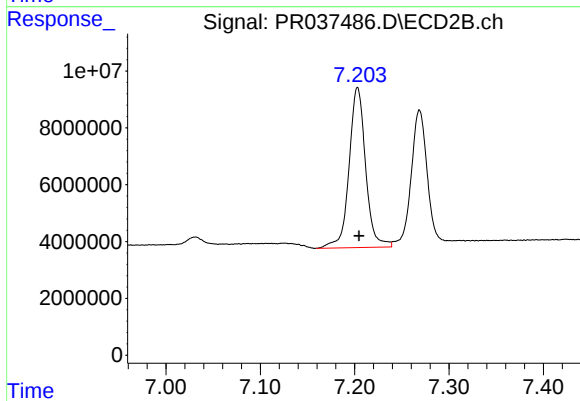
#40 AR-1262-5

R.T.: 7.759 min
Delta R.T.: -0.002 min
Response: 17452190
Conc: 45.61 ng/ml



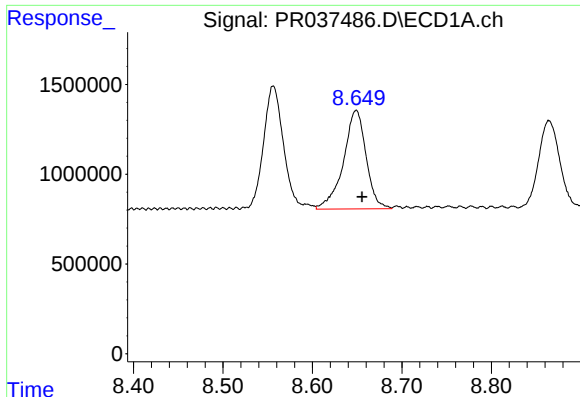
#41 AR-1268-1

R.T.: 8.556 min
Delta R.T.: -0.008 min
Response: 10776714
Conc: 60.17 ng/ml



#41 AR-1268-1

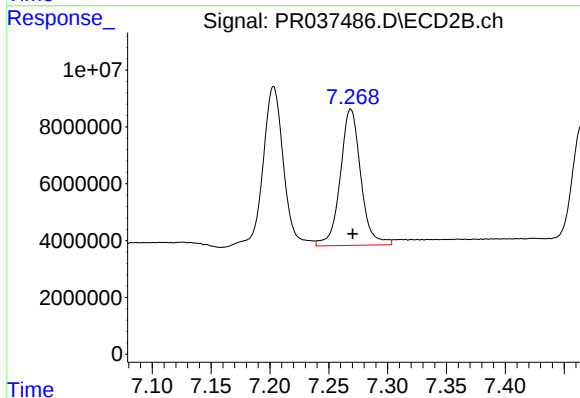
R.T.: 7.203 min
Delta R.T.: -0.002 min
Response: 68685790
Conc: 55.80 ng/ml



#42 AR-1268-2

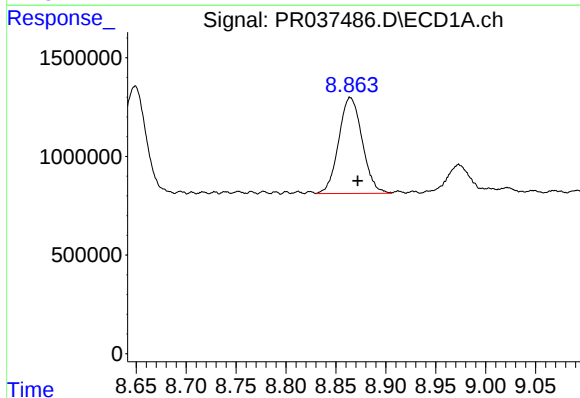
R.T.: 8.649 min
Delta R.T.: -0.006 min
Response: 9682040
Conc: 58.86 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019



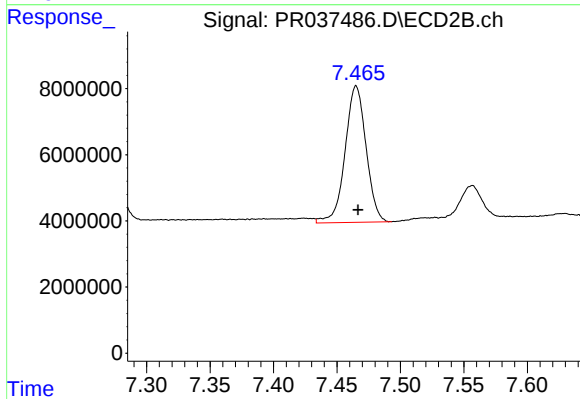
#42 AR-1268-2

R.T.: 7.269 min
Delta R.T.: -0.002 min
Response: 58173083
Conc: 54.94 ng/ml



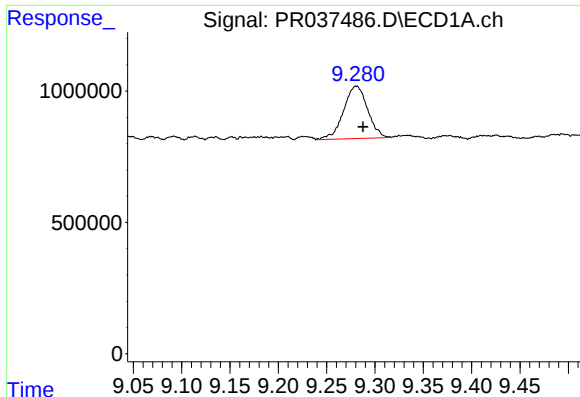
#43 AR-1268-3

R.T.: 8.864 min
Delta R.T.: -0.008 min
Response: 7964608
Conc: 57.53 ng/ml



#43 AR-1268-3

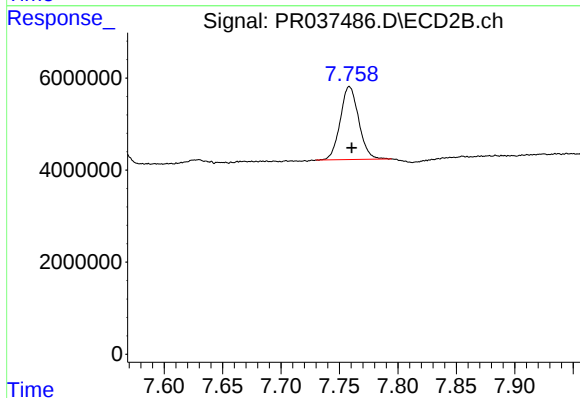
R.T.: 7.465 min
Delta R.T.: -0.002 min
Response: 47510848
Conc: 53.61 ng/ml



#44 AR-1268-4

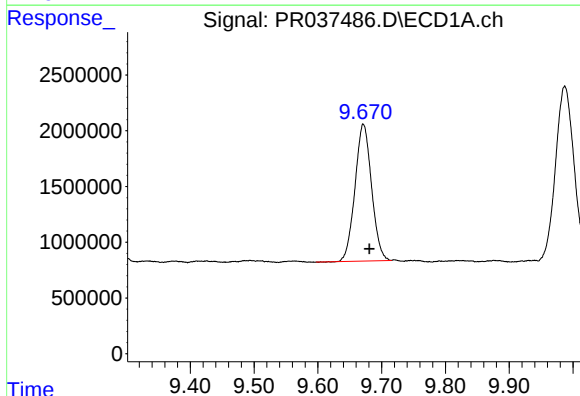
R.T.: 9.281 min
Delta R.T.: -0.007 min
Response: 3447548
Conc: 55.26 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019



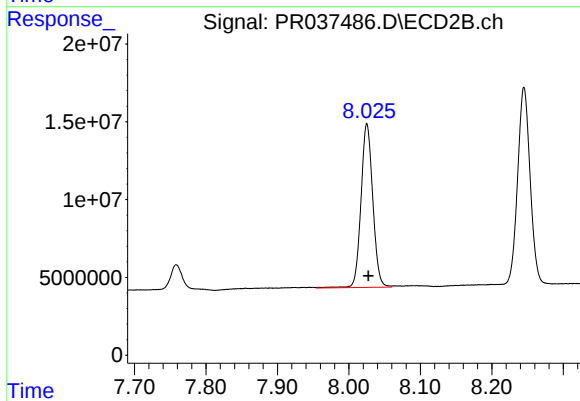
#44 AR-1268-4

R.T.: 7.759 min
Delta R.T.: -0.002 min
Response: 17452190
Conc: 48.11 ng/ml



#45 AR-1268-5

R.T.: 9.671 min
Delta R.T.: -0.009 min
Response: 22127807
Conc: 48.54 ng/ml



#45 AR-1268-5

R.T.: 8.025 min
Delta R.T.: -0.002 min
Response: 120415997
Conc: 47.33 ng/ml