

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR042919\
 Data File : PR037487.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Apr 2019 00:11
 Operator : SM\SJ
 Sample : K2241-02
 Misc : AR1268 LOQ 100PB
 ALS Vial : 28 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 30 04:02:26 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...	4.363	3.407	26402300	101.4E6	21.105	21.146
2)	SA Decachlor...	9.989	8.245	43628134	218.5E6	32.987	37.515
Target Compounds							
3)	L1 AR-1016-1	0.000	4.458	0	1155298	N.D.	6.345 #
4)	L1 AR-1016-2	0.000	4.458	0	1155298	N.D.	4.095 #
6)	L1 AR-1016-4	0.000	4.691	0	1079773	N.D.	9.760 #
7)	L1 AR-1016-5	0.000	4.887	0	281236	N.D.	1.850 #
9)	L2 AR-1221-2	4.668	3.695	407118	1445683	45.015	38.930
10)	L2 AR-1221-3	4.668	3.796	407118	71849	13.283	0.587 #
11)	L3 AR-1232-1	4.668	3.796	407118	71849	13.918	0.614 #
12)	L3 AR-1232-2	0.000	4.458	0	1155298	N.D.	8.358 #
14)	L3 AR-1232-4	0.000	4.718	0	426997	N.D.	7.156 #
15)	L3 AR-1232-5	0.000	4.887	0	281236	N.D.	4.121 #
16)	L4 AR-1242-1	0.000	4.458	0	1155298	N.D.	7.884 #
17)	L4 AR-1242-2	0.000	4.458	0	1155298	N.D.	5.064 #
19)	L4 AR-1242-4	0.000	4.718	0	426997	N.D.	3.885 #
20)	L4 AR-1242-5	0.000	5.230	0	2042407	N.D.	12.326 #
21)	L5 AR-1248-1	0.000	4.458	0	1155298	N.D.	11.477 #
22)	L5 AR-1248-2	0.000	4.691	0	1079773	N.D.	7.912 #
23)	L5 AR-1248-3	0.000	4.718	0	426997	N.D.	3.051 #
24)	L5 AR-1248-4	0.000	4.887	0	281236	N.D.	1.580 #
25)	L5 AR-1248-5	0.000	5.264	0	4730750	N.D.	24.184 #
26)	L6 AR-1254-1	0.000	5.230	0	2042407	N.D.	5.929 #
27)	L6 AR-1254-2	0.000	5.371	0	2486235	N.D.	8.301 #
28)	L6 AR-1254-3	6.969	5.768	614451	4323145	6.755	9.128 #
29)	L6 AR-1254-4	0.000	5.987	0	990231	N.D.	2.824 #
30)	L6 AR-1254-5	7.721	6.432	4717720	31191908	65.632	70.438
31)	L7 AR-1260-1	0.000	5.896	0	294952	N.D.	1.009 #
32)	L7 AR-1260-2	0.000	6.070	0	2917929	N.D.	6.335 #
33)	L7 AR-1260-3	7.721	6.225	4717720	1608588	75.392	4.512 #
34)	L7 AR-1260-4	7.962	6.678	6703158	33876018	90.091	111.155
35)	L7 AR-1260-5	8.259	6.927	2529357	13993906	17.489	16.136
36)	L8 AR-1262-1	7.721	6.490	4717720	5150614	45.166	20.551 #
37)	L8 AR-1262-2	8.259	6.927	2529357	13993906	13.012	11.142
38)	L8 AR-1262-3	8.557	7.203	25116656	160.2E6	190.986	292.200 #
39)	L8 AR-1262-4	8.649	7.269	22815683	137.3E6	232.270	152.915 #
40)	L8 AR-1262-5	9.280	7.759	8394786	44986047	121.592	117.574
41)	L9 AR-1268-1	8.557	7.203	25116656	160.2E6	140.245	130.138
42)	L9 AR-1268-2	8.649	7.269	22815683	137.3E6	138.700	129.626
43)	L9 AR-1268-3	8.865	7.466	18753429	112.7E6	135.465	127.153
44)	L9 AR-1268-4	9.280	7.759	8394786	44986047	134.563	124.003
45)	L9 AR-1268-5	9.672	8.026	55140399	309.3E6	120.957	121.573

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Misc : AR1268 LOQ 100PB
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Instrument :
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ClientSampleId :
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 30 04:02:26 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
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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

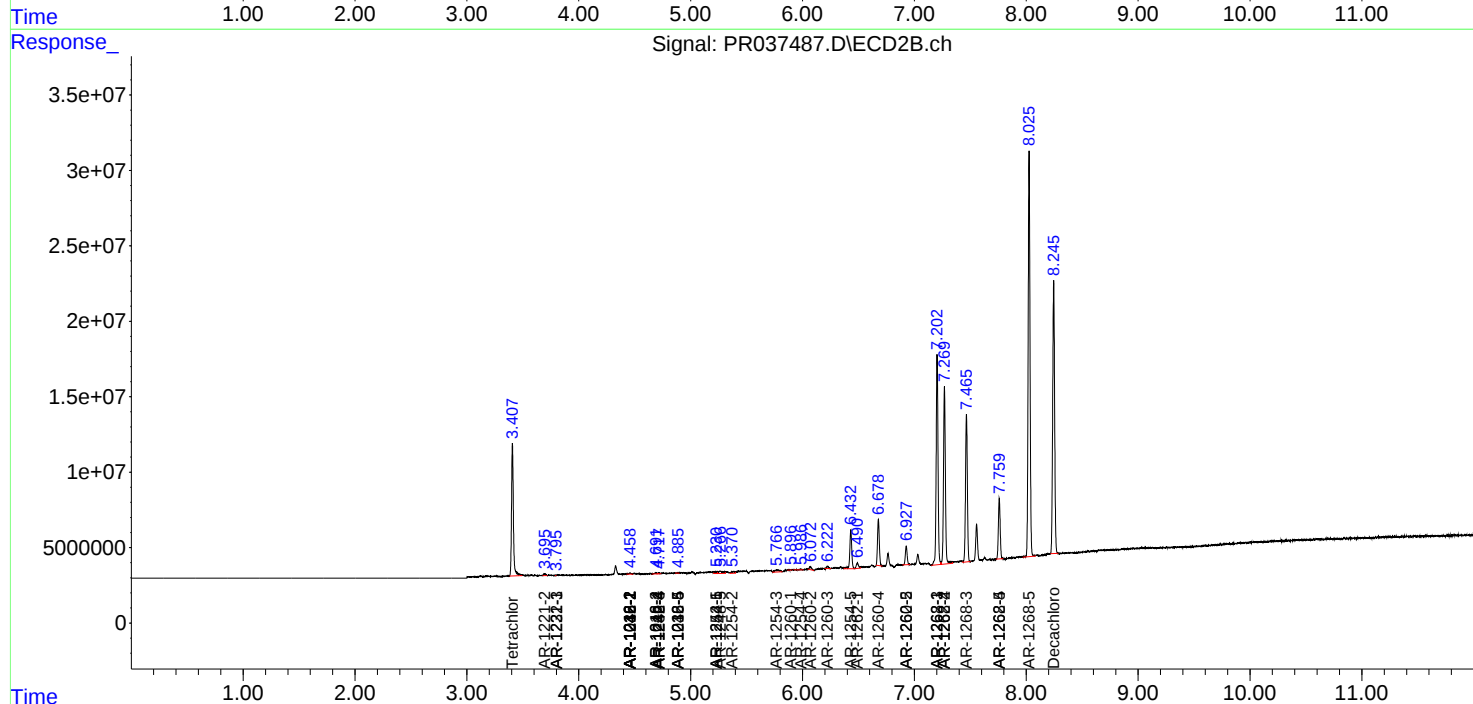
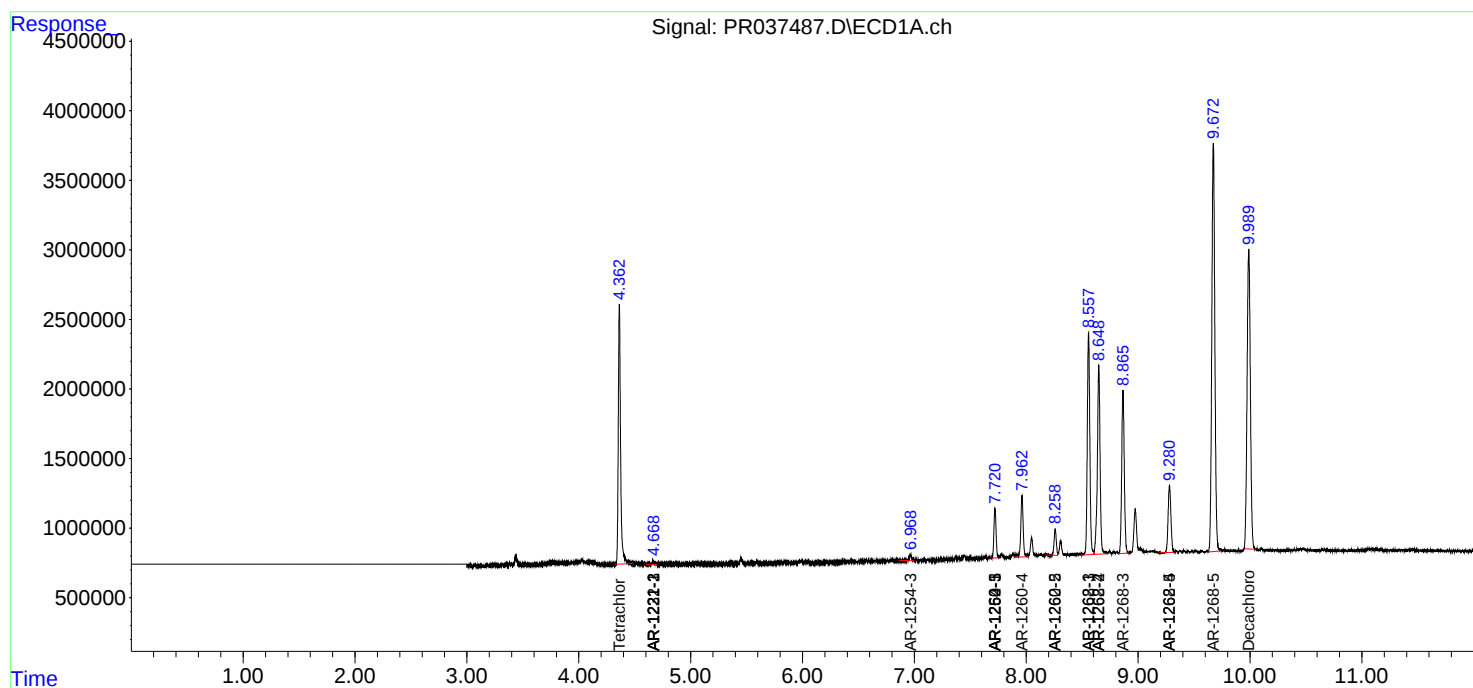
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

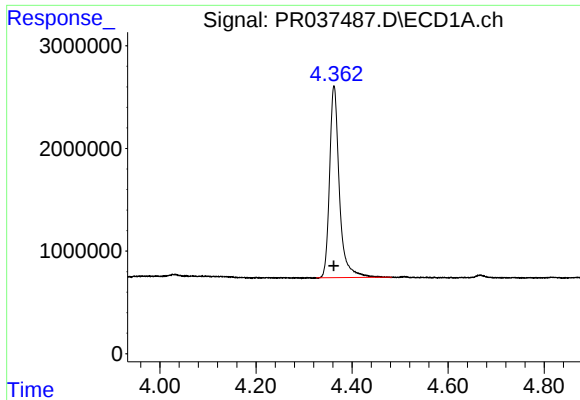
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR042919\
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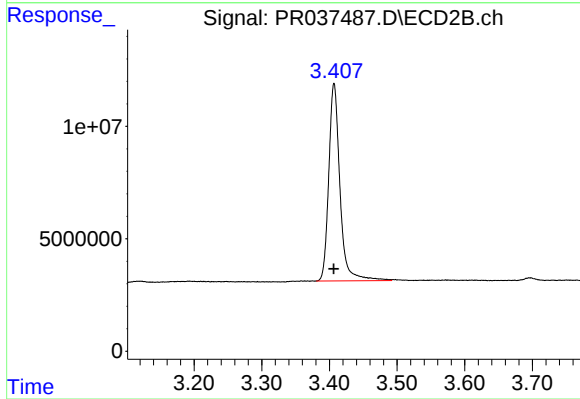




#1 Tetrachloro-m-xylene

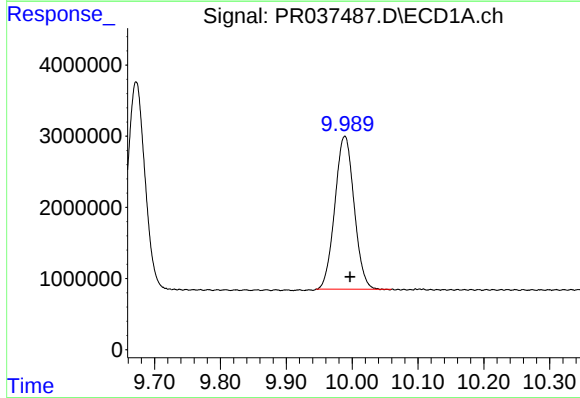
R.T.: 4.363 min
Delta R.T.: 0.000 min
Response: 26402300
Conc: 21.10 ng/ml

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



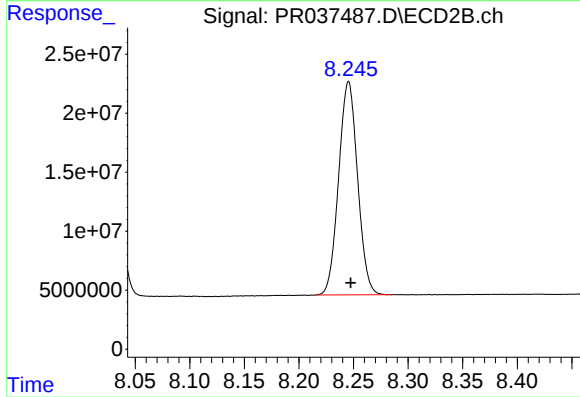
#1 Tetrachloro-m-xylene

R.T.: 3.407 min
Delta R.T.: 0.000 min
Response: 101403816
Conc: 21.15 ng/ml



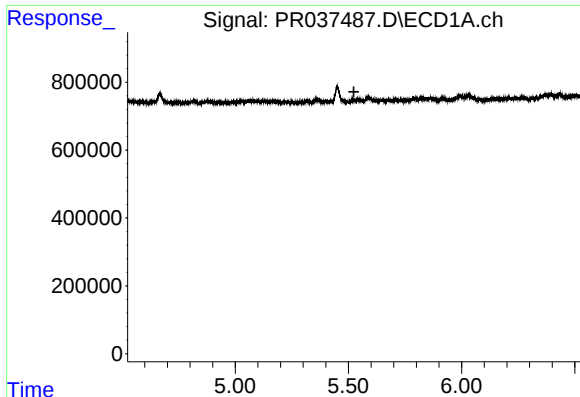
#2 Decachlorobiphenyl

R.T.: 9.989 min
Delta R.T.: -0.008 min
Response: 43628134
Conc: 32.99 ng/ml



#2 Decachlorobiphenyl

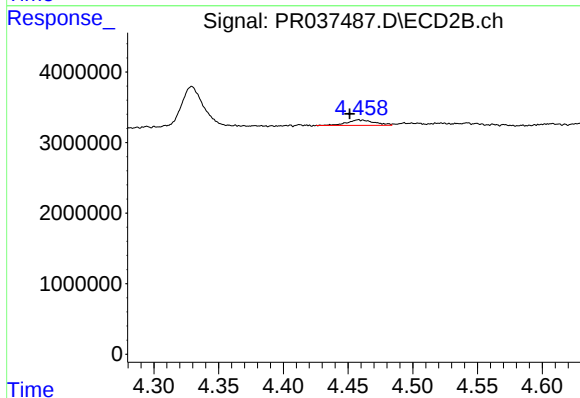
R.T.: 8.245 min
Delta R.T.: -0.002 min
Response: 218494103
Conc: 37.51 ng/ml



#3 AR-1016-1

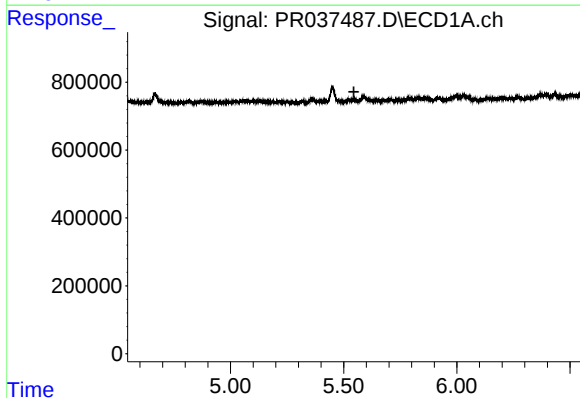
R.T.: 0.000 min
Exp R.T.: 5.524 min
Response: 0
Conc: N.D.

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



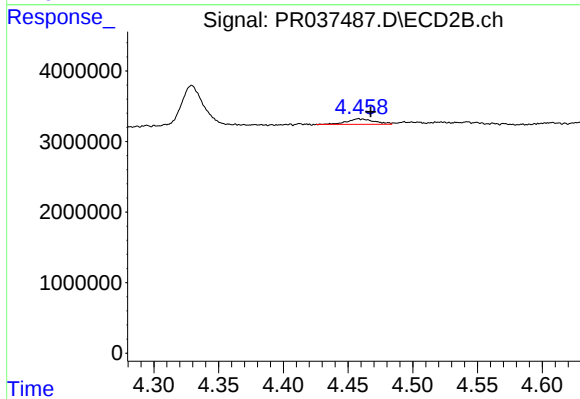
#3 AR-1016-1

R.T.: 4.458 min
Delta R.T.: 0.007 min
Response: 1155298
Conc: 6.34 ng/ml



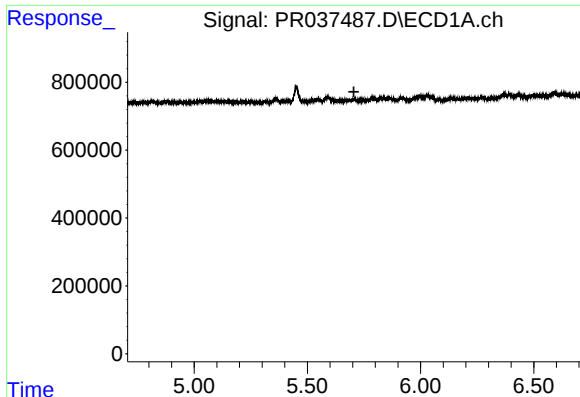
#4 AR-1016-2

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



#4 AR-1016-2

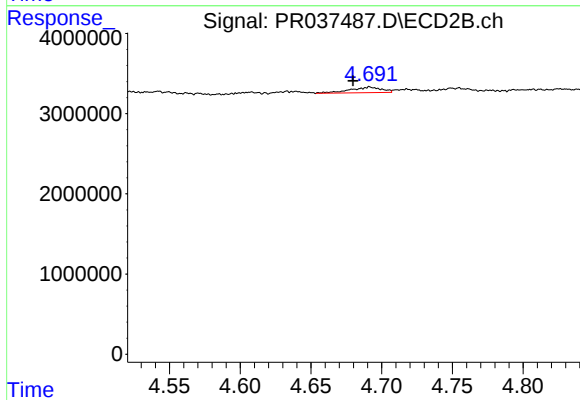
R.T.: 4.458 min
Delta R.T.: -0.009 min
Response: 1155298
Conc: 4.10 ng/ml



#6 AR-1016-4

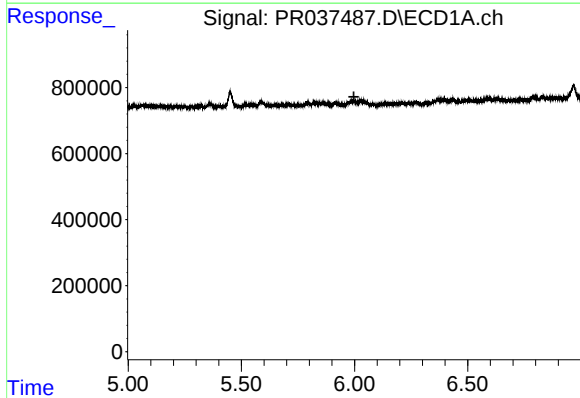
R.T.: 0.000 min
Exp R.T.: 5.705 min
Response: 0
Conc: N.D.

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



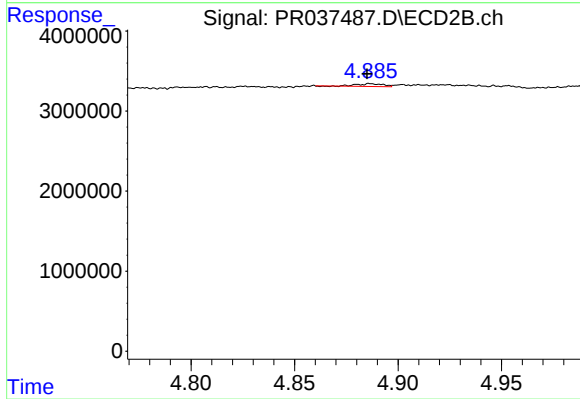
#6 AR-1016-4

R.T.: 4.691 min
Delta R.T.: 0.012 min
Response: 1079773
Conc: 9.76 ng/ml



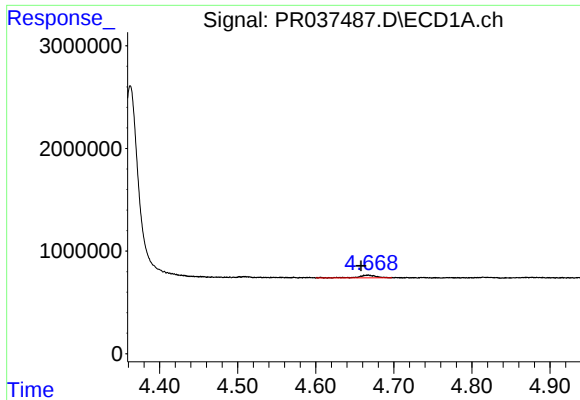
#7 AR-1016-5

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



#7 AR-1016-5

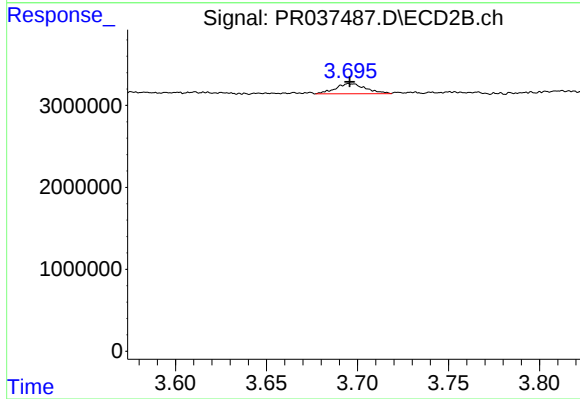
R.T.: 4.887 min
Delta R.T.: 0.002 min
Response: 281236
Conc: 1.85 ng/ml



#9 AR-1221-2

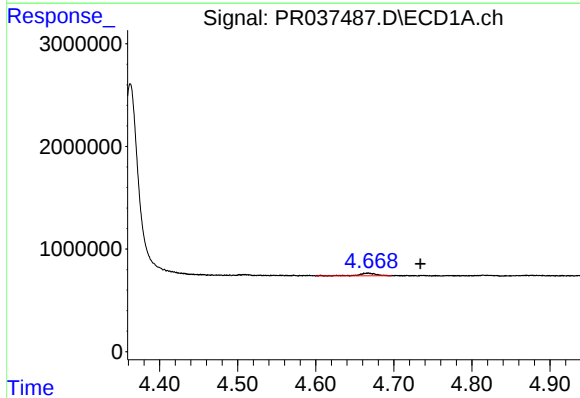
R.T.: 4.668 min
Delta R.T.: 0.010 min
Response: 407118
Conc: 45.02 ng/ml

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



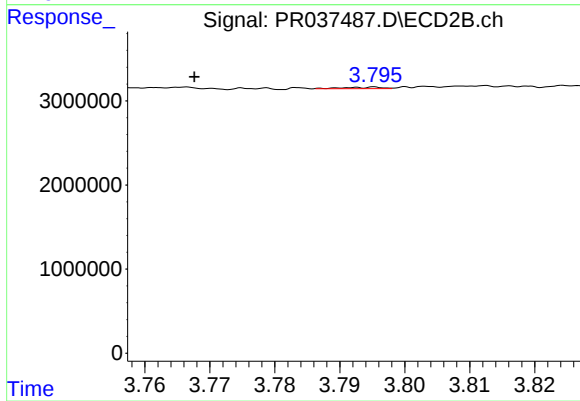
#9 AR-1221-2

R.T.: 3.695 min
Delta R.T.: 0.000 min
Response: 1445683
Conc: 38.93 ng/ml



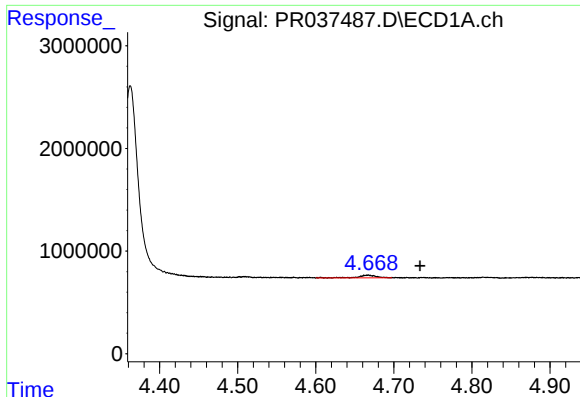
#10 AR-1221-3

R.T.: 4.668 min
Delta R.T.: -0.066 min
Response: 407118
Conc: 13.28 ng/ml



#10 AR-1221-3

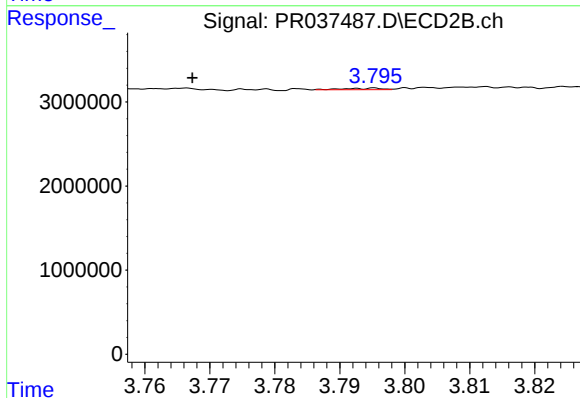
R.T.: 3.796 min
Delta R.T.: 0.028 min
Response: 71849
Conc: 0.59 ng/ml



#11 AR-1232-1

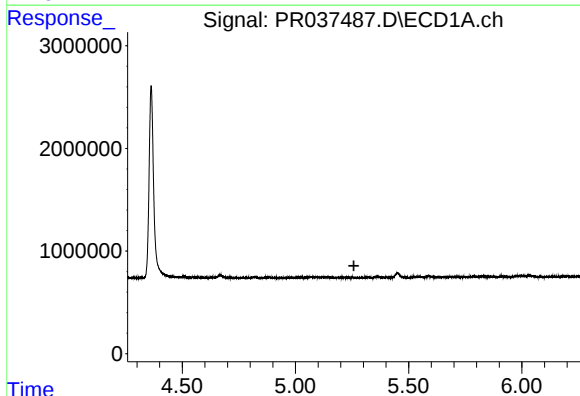
R.T.: 4.668 min
Delta R.T.: -0.066 min
Response: 407118
Conc: 13.92 ng/ml

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



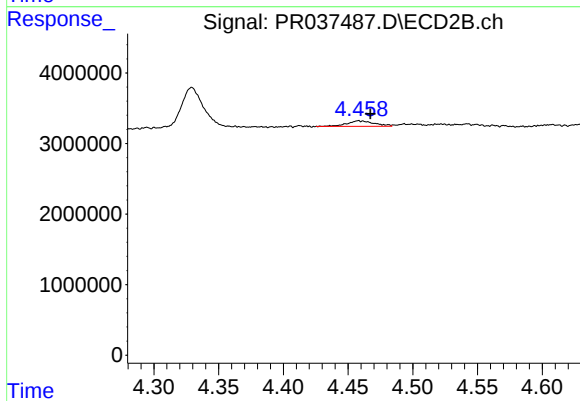
#11 AR-1232-1

R.T.: 3.796 min
Delta R.T.: 0.028 min
Response: 71849
Conc: 0.61 ng/ml



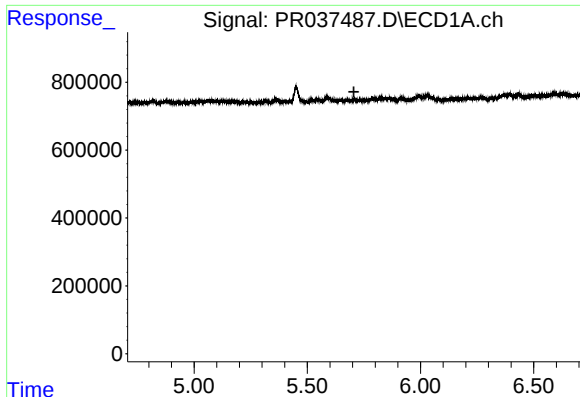
#12 AR-1232-2

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



#12 AR-1232-2

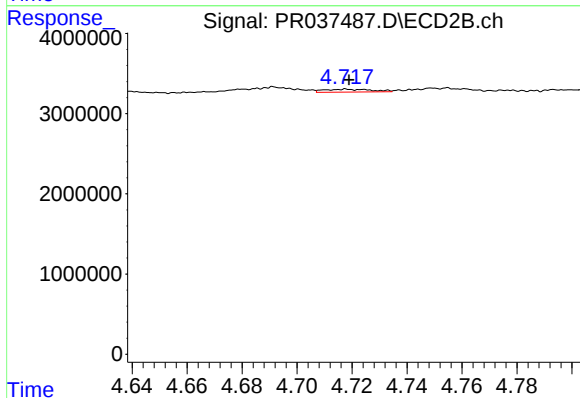
R.T.: 4.458 min
Delta R.T.: -0.009 min
Response: 1155298
Conc: 8.36 ng/ml



#14 AR-1232-4

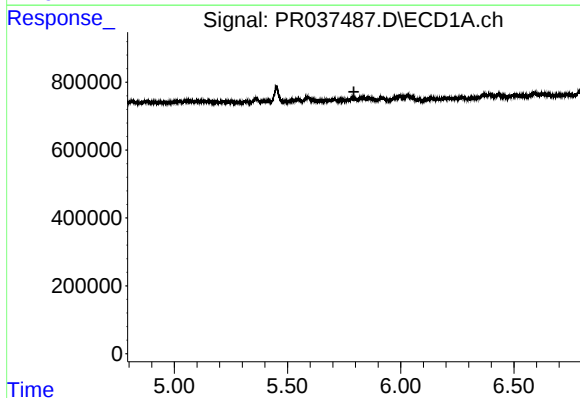
R.T.: 0.000 min
Exp R.T.: 5.706 min
Response: 0
Conc: N.D.

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



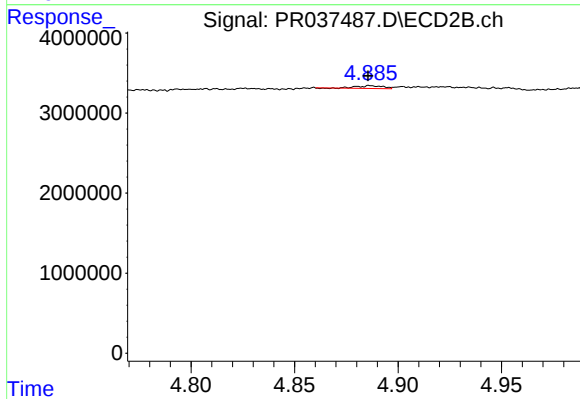
#14 AR-1232-4

R.T.: 4.718 min
Delta R.T.: -0.001 min
Response: 426997
Conc: 7.16 ng/ml



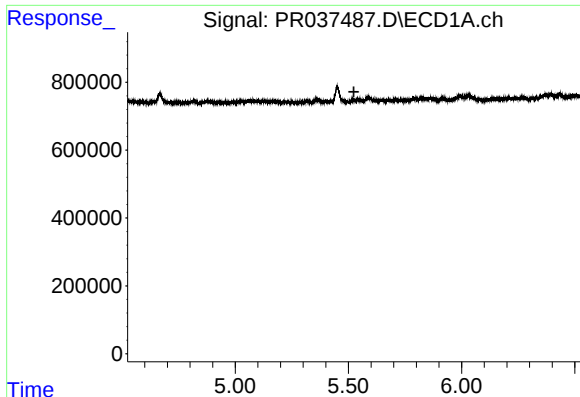
#15 AR-1232-5

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



#15 AR-1232-5

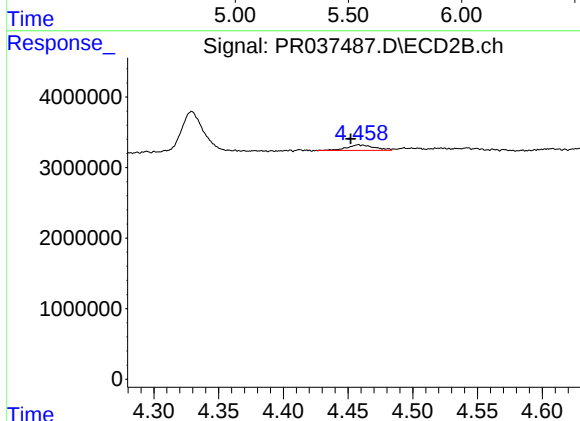
R.T.: 4.887 min
Delta R.T.: 0.001 min
Response: 281236
Conc: 4.12 ng/ml



#16 AR-1242-1

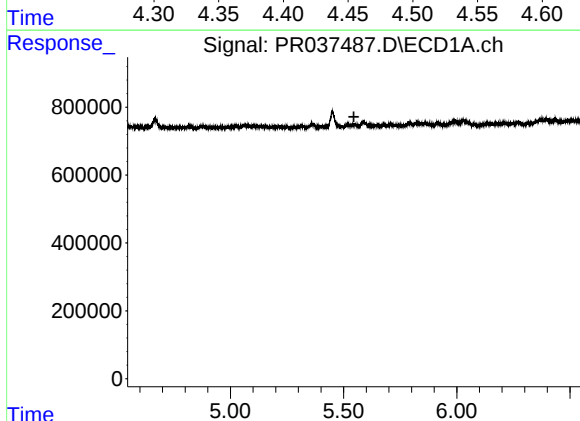
R.T.: 0.000 min
Exp R.T.: 5.524 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
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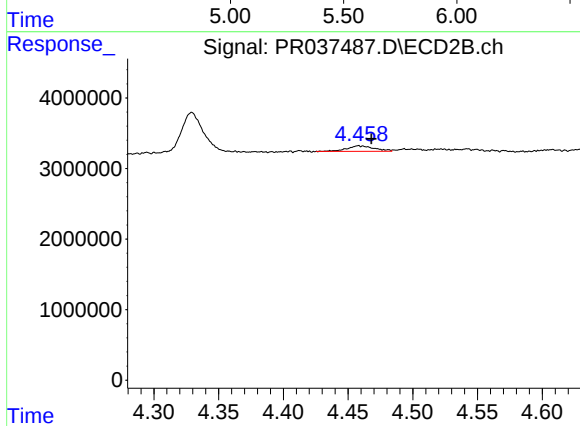
#16 AR-1242-1

R.T.: 4.458 min
Delta R.T.: 0.006 min
Response: 1155298
Conc: 7.88 ng/ml



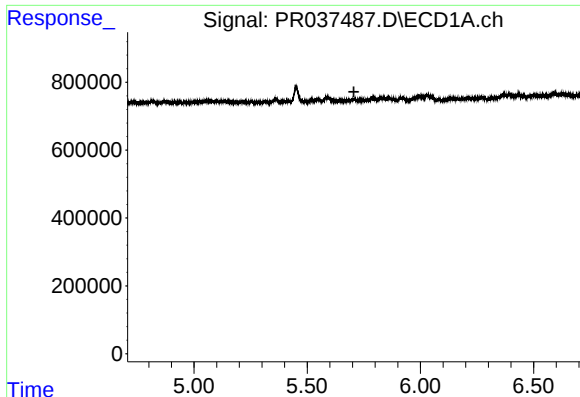
#17 AR-1242-2

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



#17 AR-1242-2

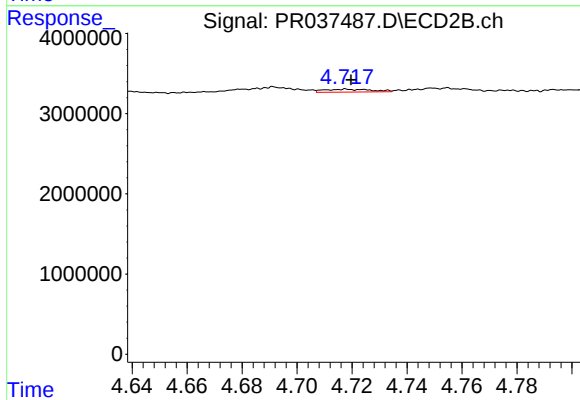
R.T.: 4.458 min
Delta R.T.: -0.010 min
Response: 1155298
Conc: 5.06 ng/ml



#19 AR-1242-4

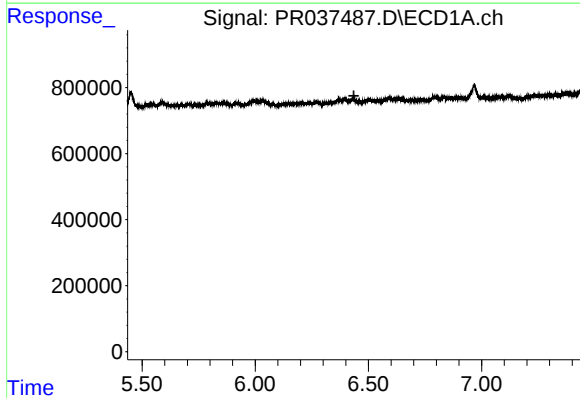
R.T.: 0.000 min
Exp R.T.: 5.706 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
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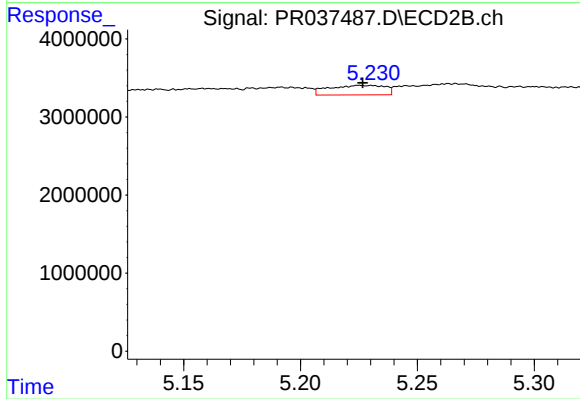
#19 AR-1242-4

R.T.: 4.718 min
Delta R.T.: -0.002 min
Response: 426997
Conc: 3.88 ng/ml



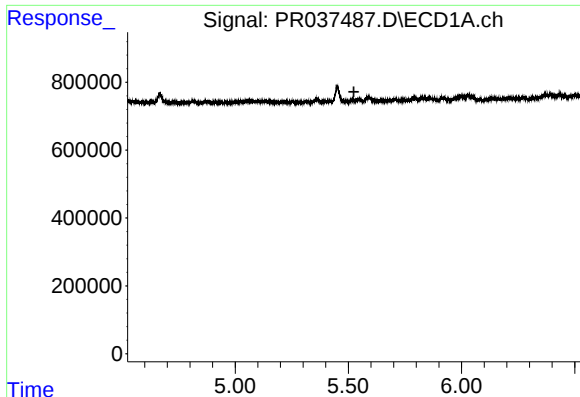
#20 AR-1242-5

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



#20 AR-1242-5

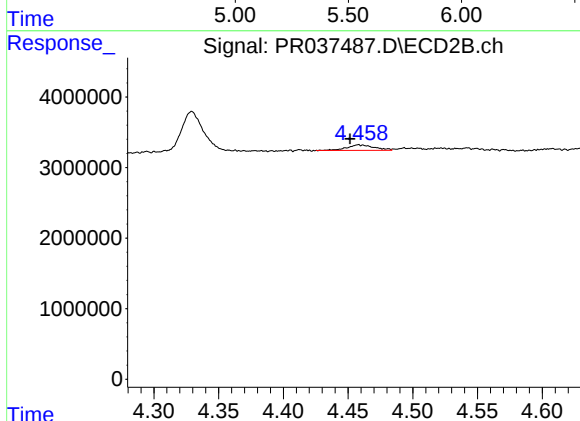
R.T.: 5.230 min
Delta R.T.: 0.003 min
Response: 2042407
Conc: 12.33 ng/ml



#21 AR-1248-1

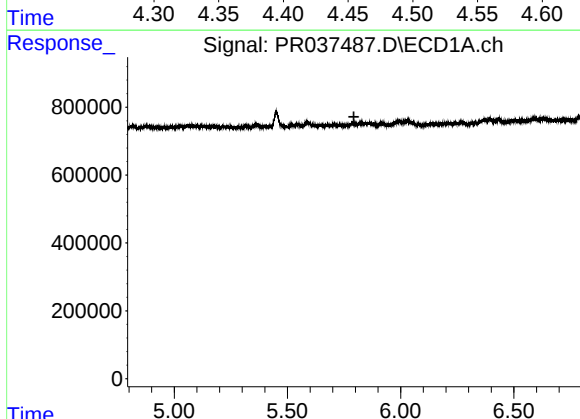
R.T.: 0.000 min
Exp R.T.: 5.525 min
Response: 0
Conc: N.D.

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



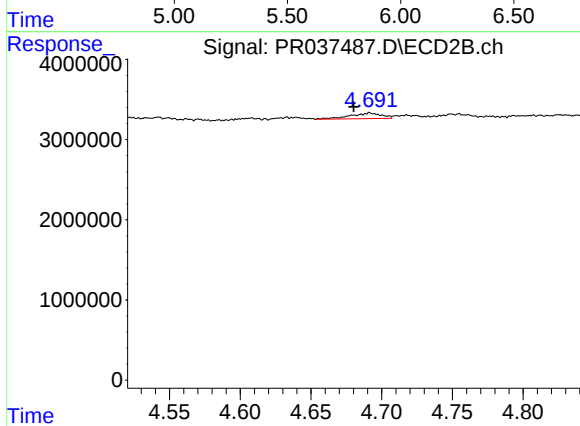
#21 AR-1248-1

R.T.: 4.458 min
Delta R.T.: 0.007 min
Response: 1155298
Conc: 11.48 ng/ml



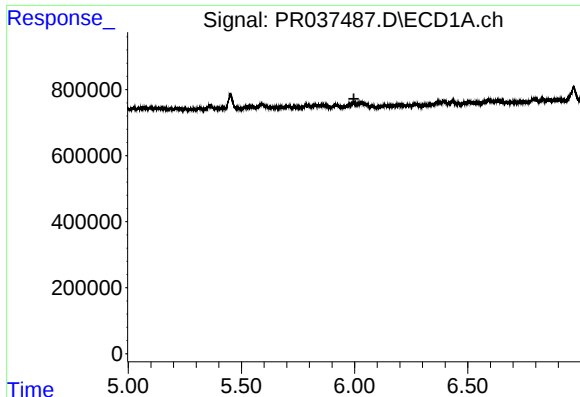
#22 AR-1248-2

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



#22 AR-1248-2

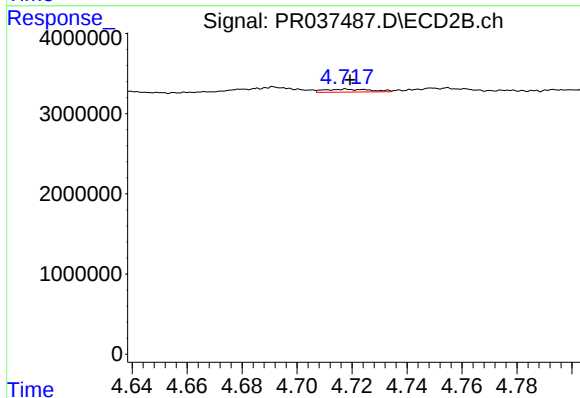
R.T.: 4.691 min
Delta R.T.: 0.011 min
Response: 1079773
Conc: 7.91 ng/ml



#23 AR-1248-3

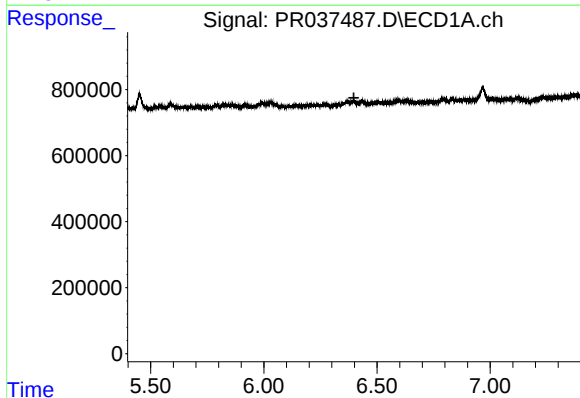
R.T.: 0.000 min
Exp R.T.: 5.997 min
Response: 0
Conc: N.D.

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



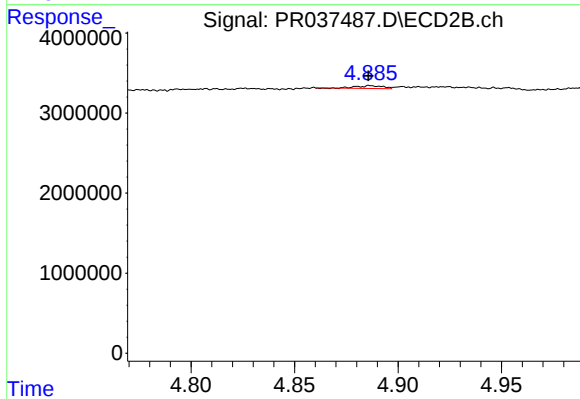
#23 AR-1248-3

R.T.: 4.718 min
Delta R.T.: -0.001 min
Response: 426997
Conc: 3.05 ng/ml



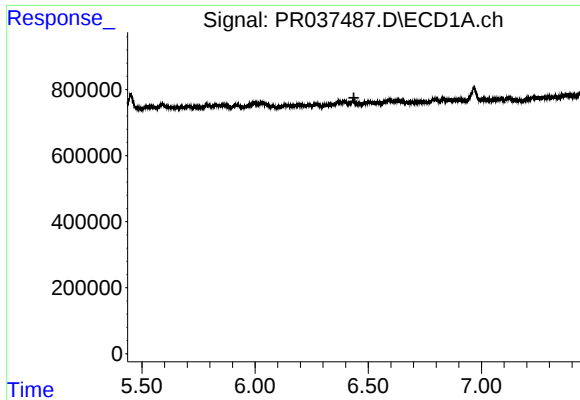
#24 AR-1248-4

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



#24 AR-1248-4

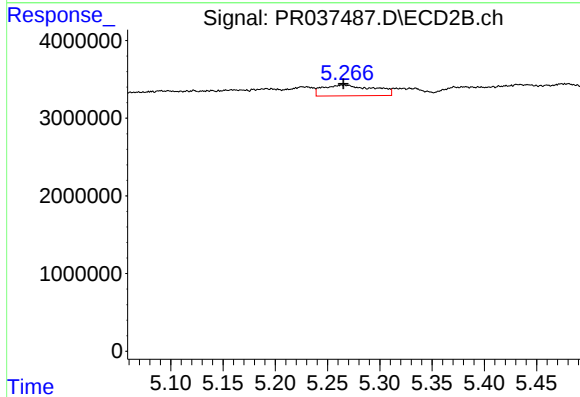
R.T.: 4.887 min
Delta R.T.: 0.001 min
Response: 281236
Conc: 1.58 ng/ml



#25 AR-1248-5

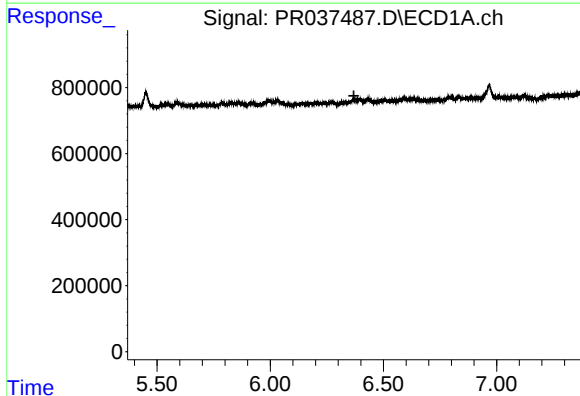
R.T.: 0.000 min
Exp R.T.: 6.436 min
Response: 0
Conc: N.D.

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



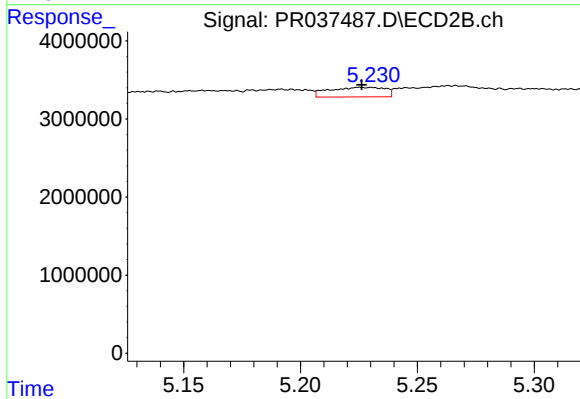
#25 AR-1248-5

R.T.: 5.264 min
Delta R.T.: -0.001 min
Response: 4730750
Conc: 24.18 ng/ml



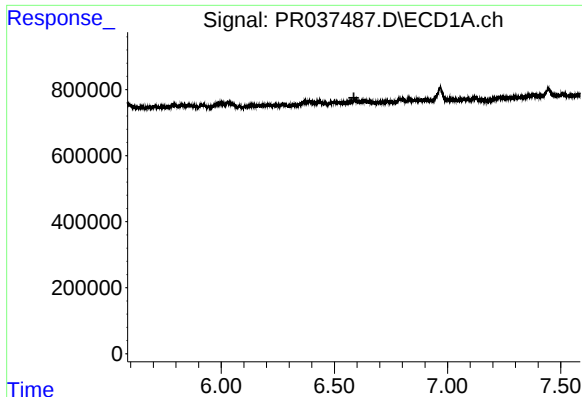
#26 AR-1254-1

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



#26 AR-1254-1

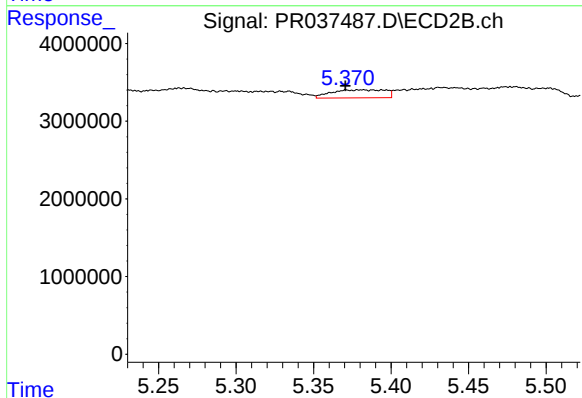
R.T.: 5.230 min
Delta R.T.: 0.004 min
Response: 2042407
Conc: 5.93 ng/ml



#27 AR-1254-2

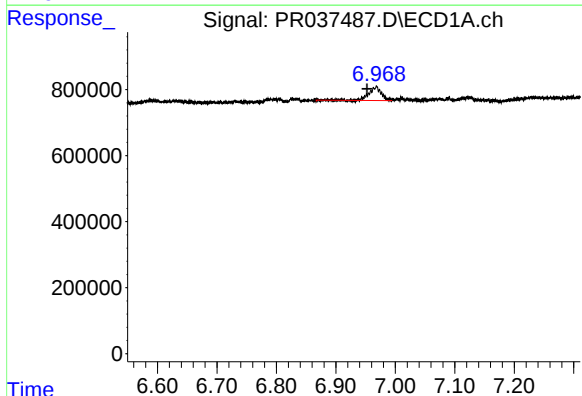
R.T.: 0.000 min
Exp R.T.: 6.586 min
Response: 0
Conc: N.D.

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



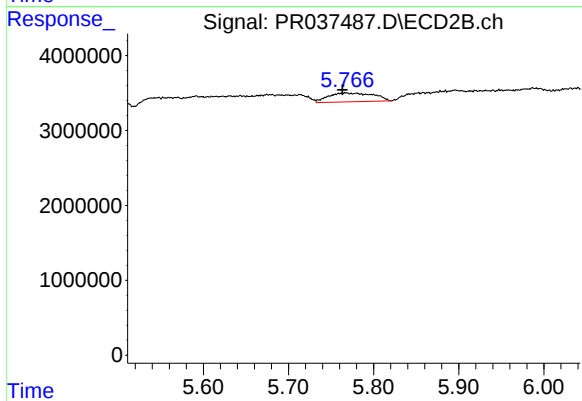
#27 AR-1254-2

R.T.: 5.371 min
Delta R.T.: 0.000 min
Response: 2486235
Conc: 8.30 ng/ml



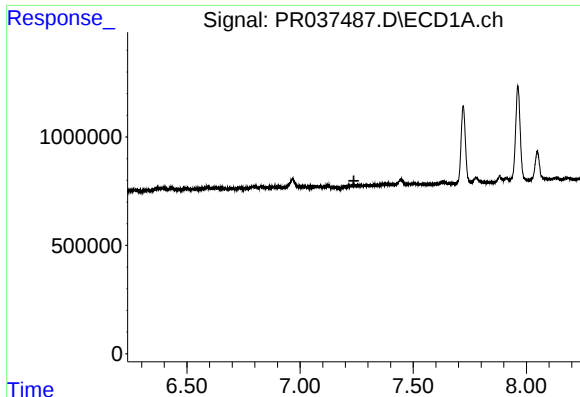
#28 AR-1254-3

R.T.: 6.969 min
Delta R.T.: 0.016 min
Response: 614451
Conc: 6.75 ng/ml



#28 AR-1254-3

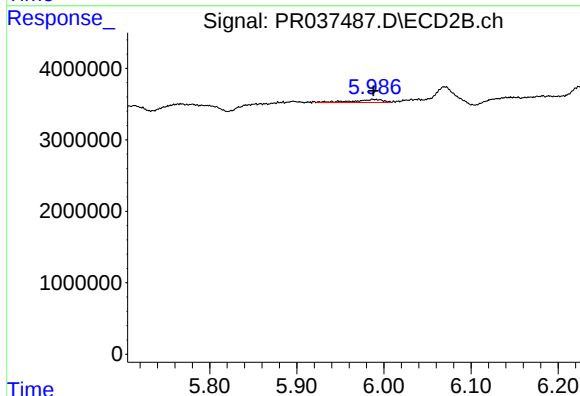
R.T.: 5.768 min
Delta R.T.: 0.004 min
Response: 4323145
Conc: 9.13 ng/ml



#29 AR-1254-4

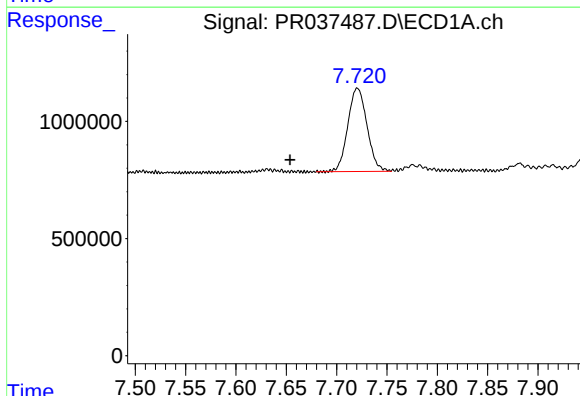
R.T.: 0.000 min
Exp R.T.: 7.238 min
Response: 0
Conc: N.D.

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



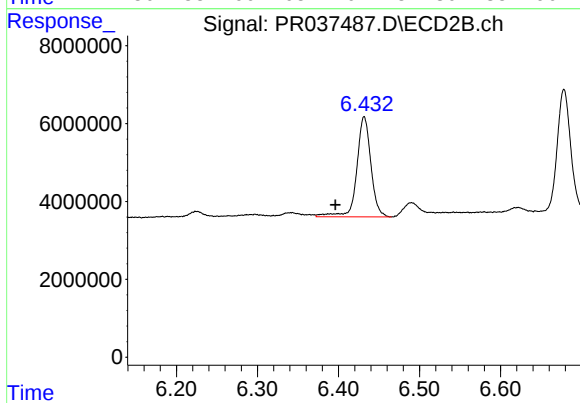
#29 AR-1254-4

R.T.: 5.987 min
Delta R.T.: 0.000 min
Response: 990231
Conc: 2.82 ng/ml



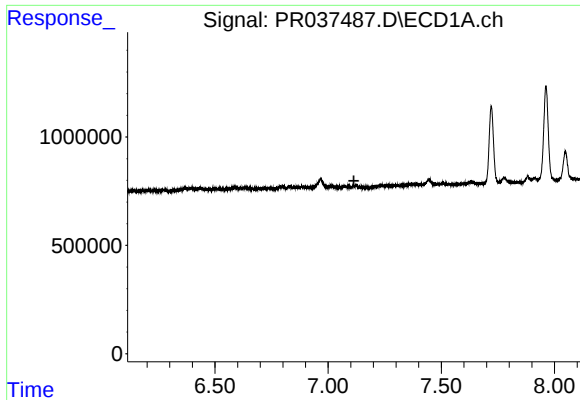
#30 AR-1254-5

R.T.: 7.721 min
Delta R.T.: 0.067 min
Response: 4717720
Conc: 65.63 ng/ml



#30 AR-1254-5

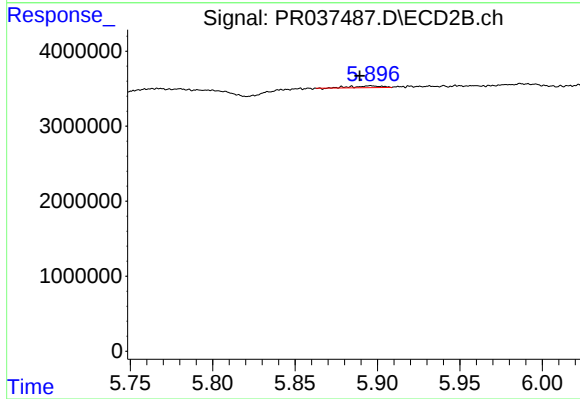
R.T.: 6.432 min
Delta R.T.: 0.035 min
Response: 31191908
Conc: 70.44 ng/ml



#31 AR-1260-1

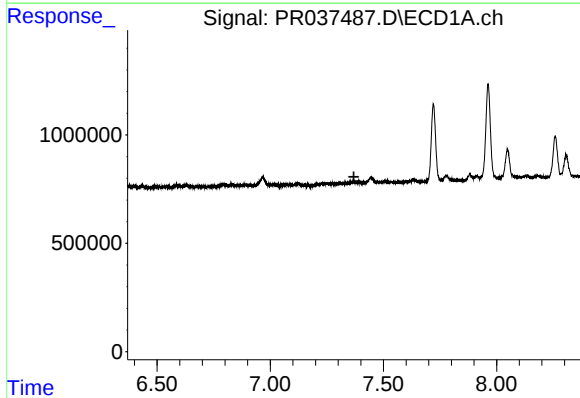
R.T.: 0.000 min
Exp R.T.: 7.114 min
Response: 0
Conc: N.D.

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



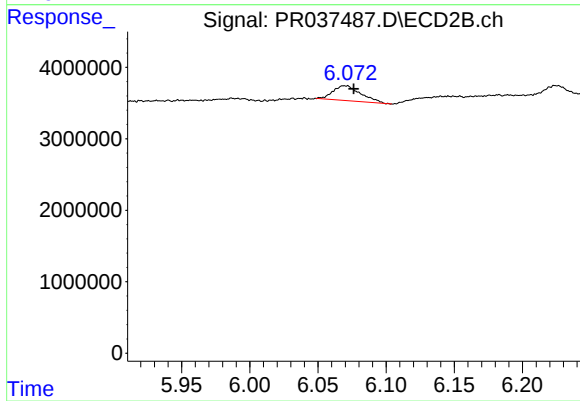
#31 AR-1260-1

R.T.: 5.896 min
Delta R.T.: 0.007 min
Response: 294952
Conc: 1.01 ng/ml



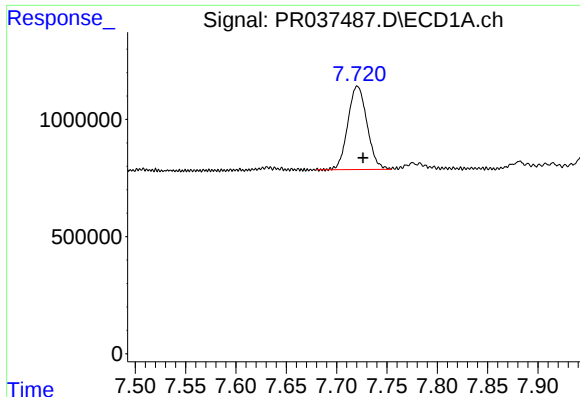
#32 AR-1260-2

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



#32 AR-1260-2

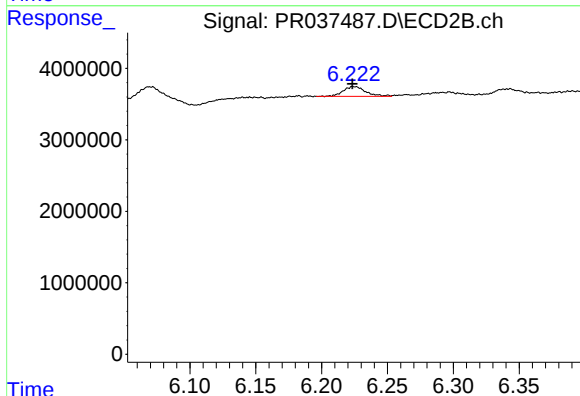
R.T.: 6.070 min
Delta R.T.: -0.006 min
Response: 2917929
Conc: 6.34 ng/ml



#33 AR-1260-3

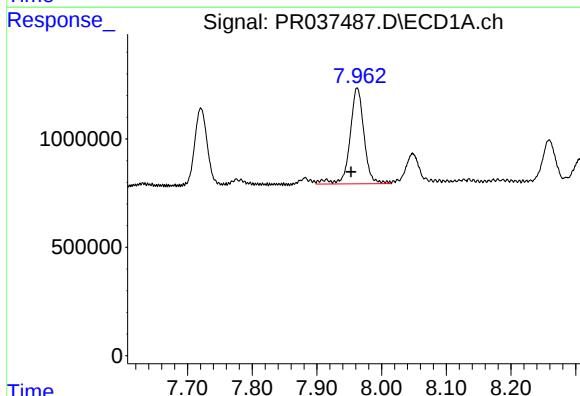
R.T.: 7.721 min
Delta R.T.: -0.006 min
Response: 4717720
Conc: 75.39 ng/ml

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



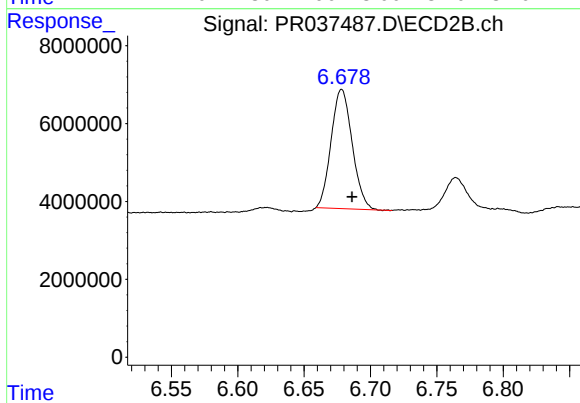
#33 AR-1260-3

R.T.: 6.225 min
Delta R.T.: 0.001 min
Response: 1608588
Conc: 4.51 ng/ml



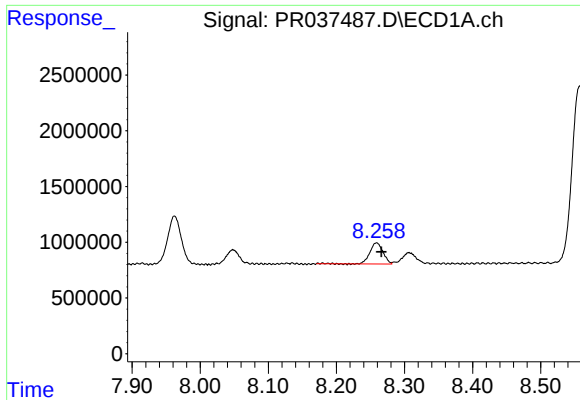
#34 AR-1260-4

R.T.: 7.962 min
Delta R.T.: 0.009 min
Response: 6703158
Conc: 90.09 ng/ml



#34 AR-1260-4

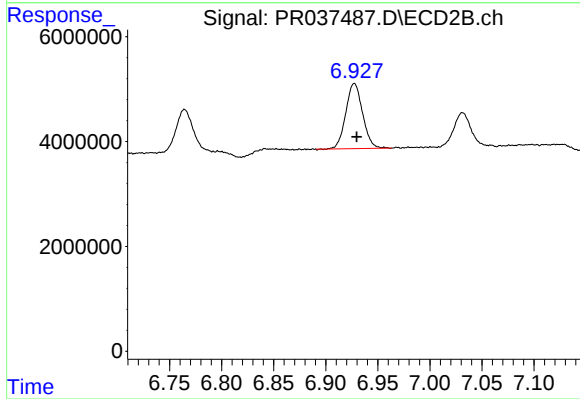
R.T.: 6.678 min
Delta R.T.: -0.008 min
Response: 33876018
Conc: 111.15 ng/ml



#35 AR-1260-5

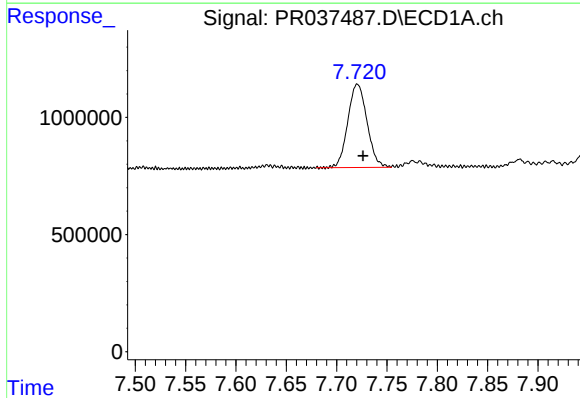
R.T.: 8.259 min
Delta R.T.: -0.007 min
Response: 2529357
Conc: 17.49 ng/ml

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



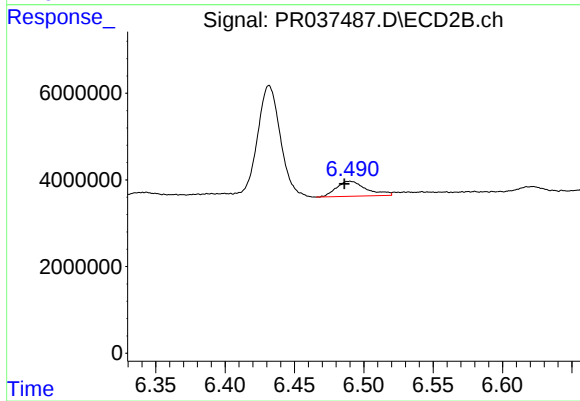
#35 AR-1260-5

R.T.: 6.927 min
Delta R.T.: -0.002 min
Response: 13993906
Conc: 16.14 ng/ml



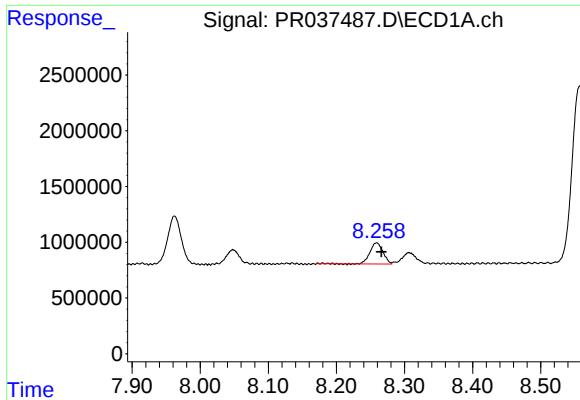
#36 AR-1262-1

R.T.: 7.721 min
Delta R.T.: -0.006 min
Response: 4717720
Conc: 45.17 ng/ml



#36 AR-1262-1

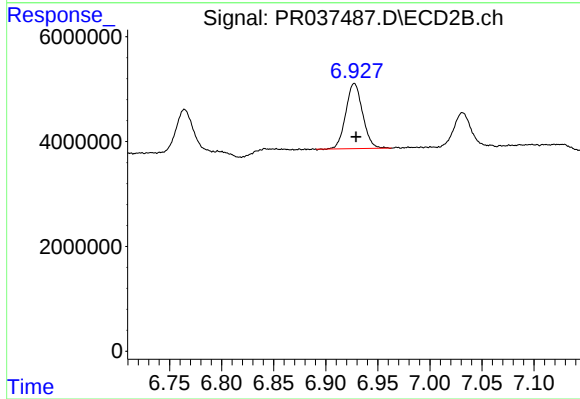
R.T.: 6.490 min
Delta R.T.: 0.004 min
Response: 5150614
Conc: 20.55 ng/ml



#37 AR-1262-2

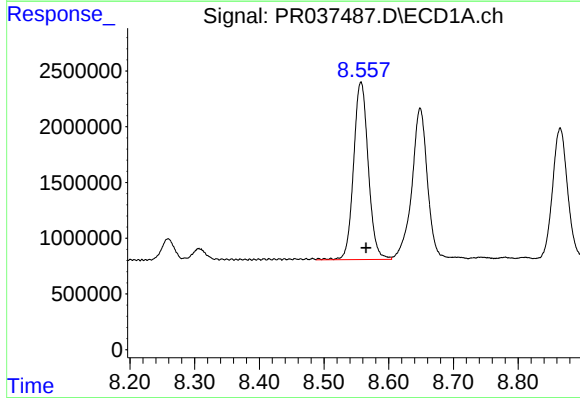
R.T.: 8.259 min
Delta R.T.: -0.007 min
Response: 2529357
Conc: 13.01 ng/ml

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



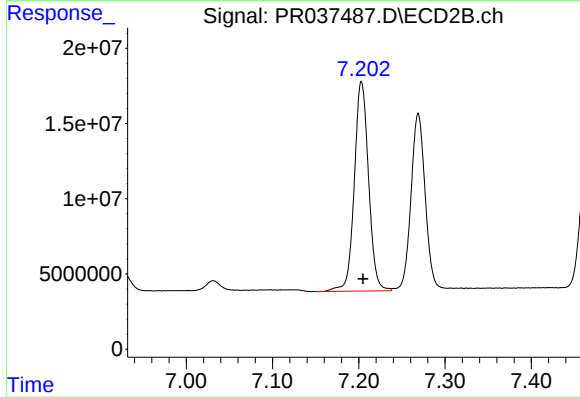
#37 AR-1262-2

R.T.: 6.927 min
Delta R.T.: -0.002 min
Response: 13993906
Conc: 11.14 ng/ml



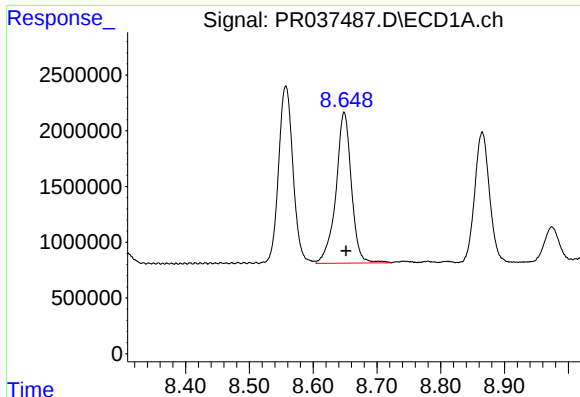
#38 AR-1262-3

R.T.: 8.557 min
Delta R.T.: -0.008 min
Response: 25116656
Conc: 190.99 ng/ml



#38 AR-1262-3

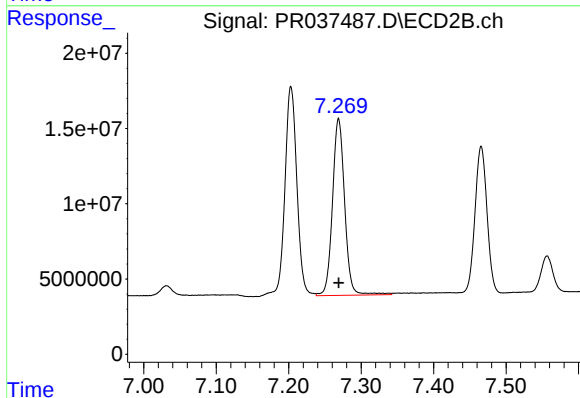
R.T.: 7.203 min
Delta R.T.: -0.002 min
Response: 160202861
Conc: 292.20 ng/ml



#39 AR-1262-4

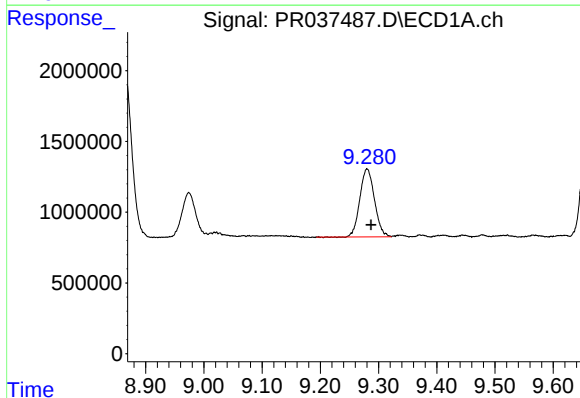
R.T.: 8.649 min
Delta R.T.: -0.003 min
Response: 22815683
Conc: 232.27 ng/ml

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



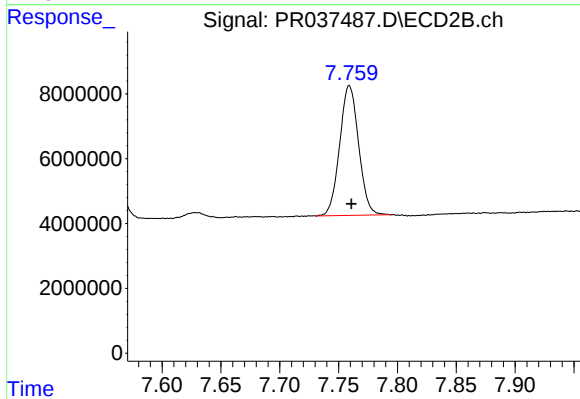
#39 AR-1262-4

R.T.: 7.269 min
Delta R.T.: 0.000 min
Response: 137263416
Conc: 152.91 ng/ml



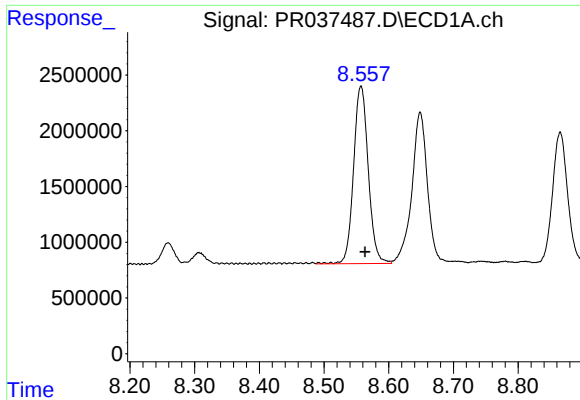
#40 AR-1262-5

R.T.: 9.280 min
Delta R.T.: -0.007 min
Response: 8394786
Conc: 121.59 ng/ml



#40 AR-1262-5

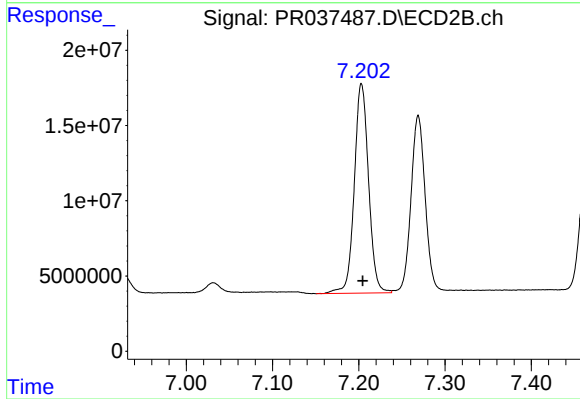
R.T.: 7.759 min
Delta R.T.: -0.002 min
Response: 44986047
Conc: 117.57 ng/ml



#41 AR-1268-1

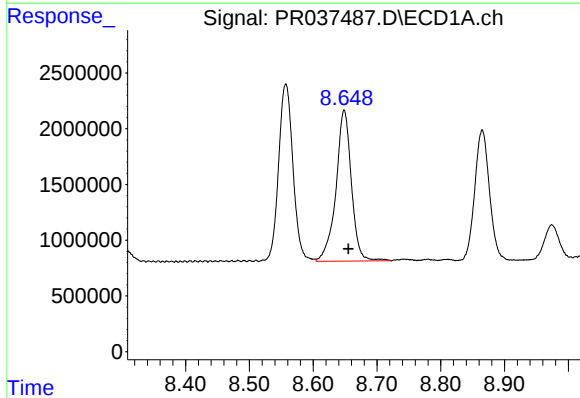
R.T.: 8.557 min
Delta R.T.: -0.007 min
Response: 25116656
Conc: 140.24 ng/ml

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



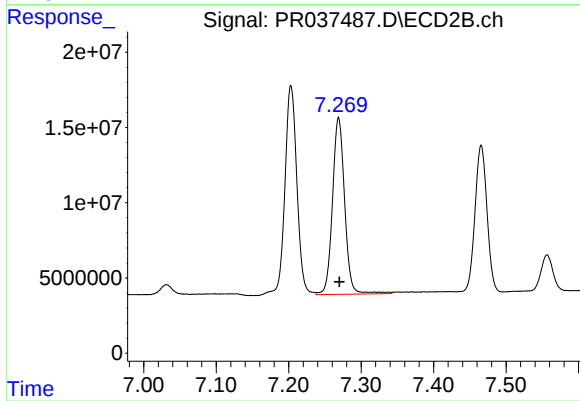
#41 AR-1268-1

R.T.: 7.203 min
Delta R.T.: -0.002 min
Response: 160202861
Conc: 130.14 ng/ml



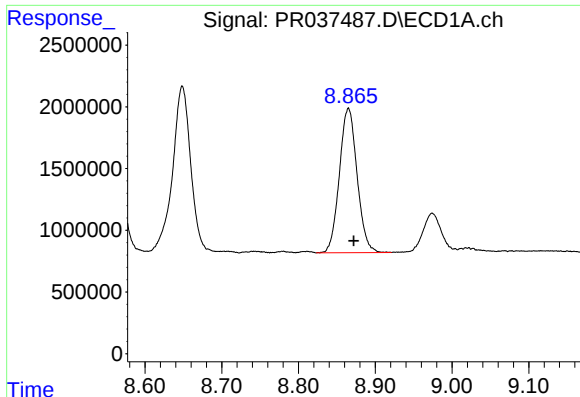
#42 AR-1268-2

R.T.: 8.649 min
Delta R.T.: -0.007 min
Response: 22815683
Conc: 138.70 ng/ml



#42 AR-1268-2

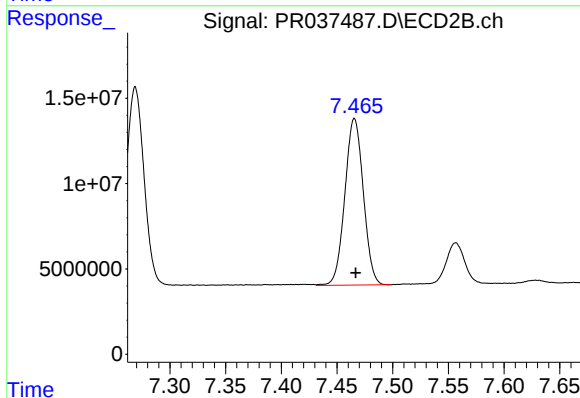
R.T.: 7.269 min
Delta R.T.: -0.001 min
Response: 137263416
Conc: 129.63 ng/ml



#43 AR-1268-3

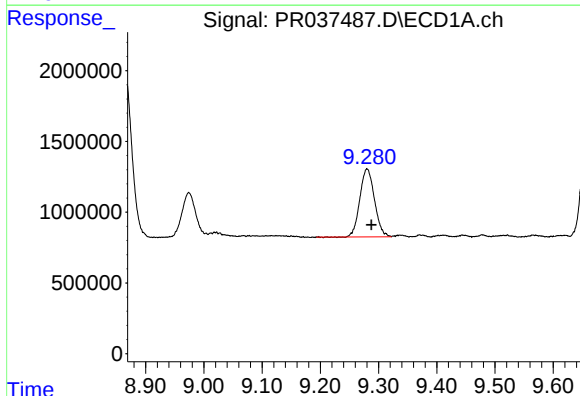
R.T.: 8.865 min
Delta R.T.: -0.007 min
Response: 18753429
Conc: 135.47 ng/ml

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



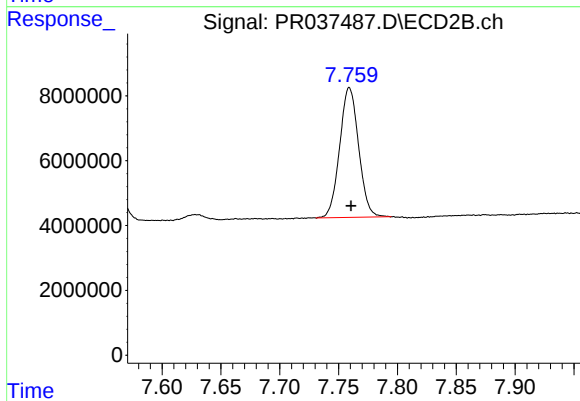
#43 AR-1268-3

R.T.: 7.466 min
Delta R.T.: 0.000 min
Response: 112688448
Conc: 127.15 ng/ml



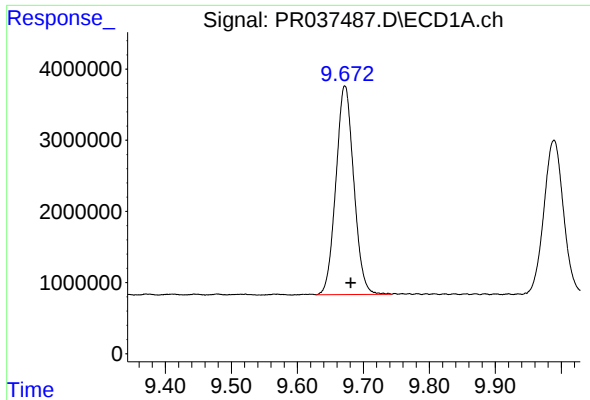
#44 AR-1268-4

R.T.: 9.280 min
Delta R.T.: -0.008 min
Response: 8394786
Conc: 134.56 ng/ml



#44 AR-1268-4

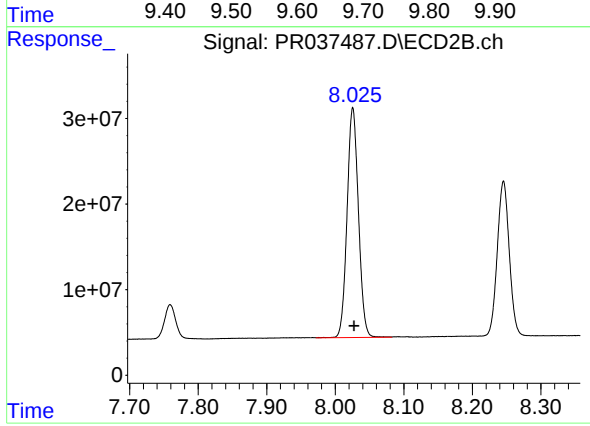
R.T.: 7.759 min
Delta R.T.: -0.001 min
Response: 44986047
Conc: 124.00 ng/ml



#45 AR-1268-5

R.T.: 9.672 min
Delta R.T.: -0.009 min
Response: 55140399
Conc: 120.96 ng/ml

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



#45 AR-1268-5

R.T.: 8.026 min
Delta R.T.: -0.002 min
Response: 309307075
Conc: 121.57 ng/ml