

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR043019\
 Data File : PR037497.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Apr 2019 14:48
 Operator : SM\SJ
 Sample : K2241-01
 Misc : AR1262 LOD 25PPB
 ALS Vial : 23 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: May 01 04:11:14 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...	4.365	3.405	26979591	106.6E6	21.566	22.219
2)	SA Decachlor...	9.992	8.248	31090813	148.4E6	23.508	25.485
Target Compounds							
3)	L1 AR-1016-1	0.000	4.459	0	1017766	N.D.	5.590 #
4)	L1 AR-1016-2	0.000	4.473	0	215207	N.D.	0.763 #
6)	L1 AR-1016-4	0.000	4.686	0	892591	N.D.	8.068 #
7)	L1 AR-1016-5	0.000	4.881	0	481615	N.D.	3.168 #
8)	L2 AR-1221-1	0.000	3.574	0	452328	N.D.	8.883 #
9)	L2 AR-1221-2	4.673	3.693	374698	1532173	41.431	41.259
10)	L2 AR-1221-3	4.673	3.734	374698	221350	12.225	1.808 #
11)	L3 AR-1232-1	4.673	3.734	374698	221350	12.810	1.892 #
12)	L3 AR-1232-2	0.000	4.473	0	215207	N.D.	1.557 #
14)	L3 AR-1232-4	0.000	4.719	0	229520	N.D.	3.846 #
15)	L3 AR-1232-5	0.000	4.881	0	481615	N.D.	7.057 #
16)	L4 AR-1242-1	0.000	4.459	0	1017766	N.D.	6.945 #
17)	L4 AR-1242-2	0.000	4.473	0	215207	N.D.	0.943 #
19)	L4 AR-1242-4	0.000	4.719	0	229520	N.D.	2.088 #
20)	L4 AR-1242-5	6.372	5.225	1102689	4092922	34.268	24.701 #
21)	L5 AR-1248-1	0.000	4.459	0	1017766	N.D.	10.111 #
22)	L5 AR-1248-2	0.000	4.686	0	892591	N.D.	6.540 #
23)	L5 AR-1248-3	0.000	4.719	0	229520	N.D.	1.640 #
24)	L5 AR-1248-4	6.372	4.881	1102689	481615	22.525	2.706 #
25)	L5 AR-1248-5	6.372	5.268	1102689	994675	23.344	5.085 #
26)	L6 AR-1254-1	6.372	5.225	1102689	4092922	20.184	11.882 #
27)	L6 AR-1254-2	6.590	5.371	387954	5696868	4.527	19.021 #
28)	L6 AR-1254-3	6.966	5.777	962271	7745030	10.579	16.353 #
29)	L6 AR-1254-4	7.232	5.988	960405	305034	14.333	0.870 #
30)	L6 AR-1254-5	7.650	6.396	2126693	10882643	29.586	24.575
31)	L7 AR-1260-1	7.113	5.890	2147860	7998053	32.550	27.365
32)	L7 AR-1260-2	7.368	6.076	2211257	15304230	27.743	33.228
33)	L7 AR-1260-3	7.724	6.224	3157256	10532812	50.455	29.545 #
34)	L7 AR-1260-4	7.950	6.686	3243925	14070044	43.599	46.167
35)	L7 AR-1260-5	8.262	6.929	5764636	30052365	39.860	34.653
36)	L8 AR-1262-1	7.724	6.487	3157256	11012656	30.227	43.942 #
37)	L8 AR-1262-2	8.262	6.929	5764636	30052365	29.656	23.928
38)	L8 AR-1262-3	8.562	7.204	4302922	18618334	32.719	33.959
39)	L8 AR-1262-4	8.647	7.269	3156739	28171900	32.137	31.384
40)	L8 AR-1262-5	9.284	7.760	2030203	9462208	29.406	24.730
41)	L9 AR-1268-1	8.562	7.204	4302922	18618334	24.026	15.124 #
42)	L9 AR-1268-2	8.647	7.269	3156739	28171900	19.190	26.604 #
43)	L9 AR-1268-3	8.868	7.468	603786	5020599	4.361	5.665 #
44)	L9 AR-1268-4	9.284	7.760	2030203	9462208	32.543	26.082

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Acq On : 30 Apr 2019 14:48
Operator : SM\SJ
Sample : K2241-01
Misc : AR1262 LOD 25PPB
ALS Vial : 23 Sample Multiplier: 1

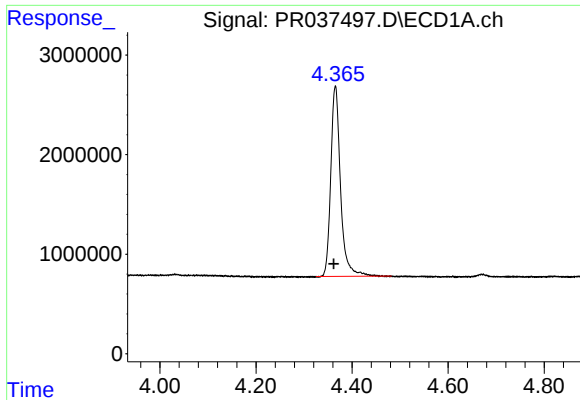
Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 01 04:11:14 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
45) L9	AR-1268-5	9.676	8.026	1172931	4951977	2.573	1.946

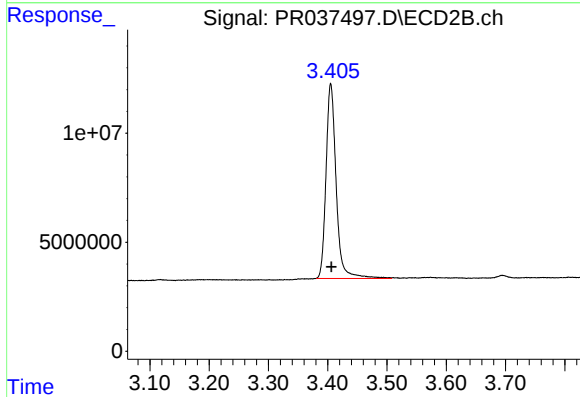
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

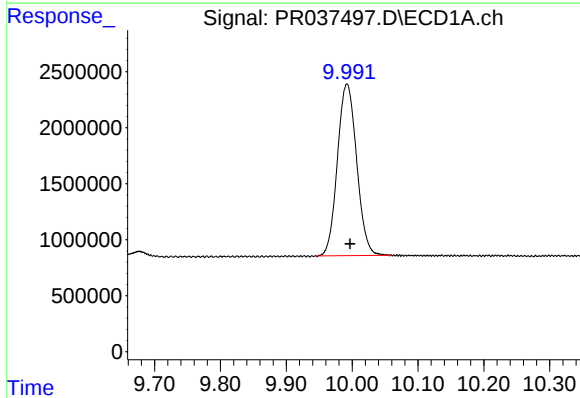
R.T.: 4.365 min
Delta R.T.: 0.003 min
Response: 26979591
Conc: 21.57 ng/ml

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



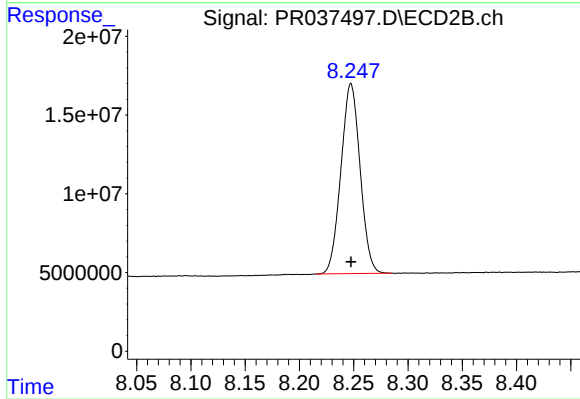
#1 Tetrachloro-m-xylene

R.T.: 3.405 min
Delta R.T.: -0.001 min
Response: 106551967
Conc: 22.22 ng/ml



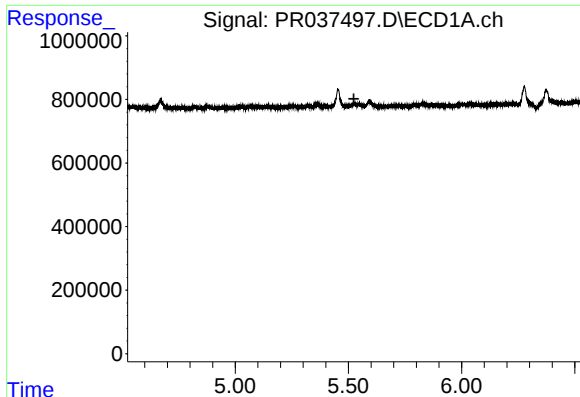
#2 Decachlorobiphenyl

R.T.: 9.992 min
Delta R.T.: -0.005 min
Response: 31090813
Conc: 23.51 ng/ml



#2 Decachlorobiphenyl

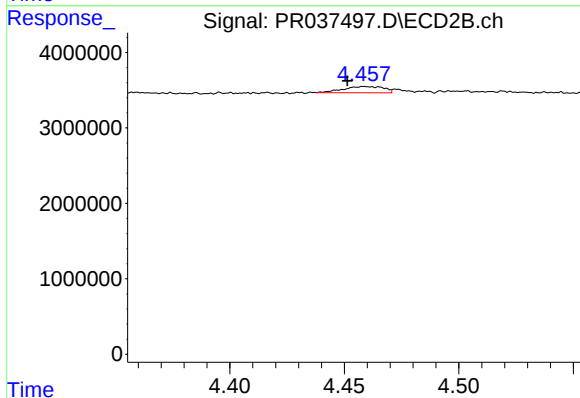
R.T.: 8.248 min
Delta R.T.: 0.000 min
Response: 148432529
Conc: 25.49 ng/ml



#3 AR-1016-1

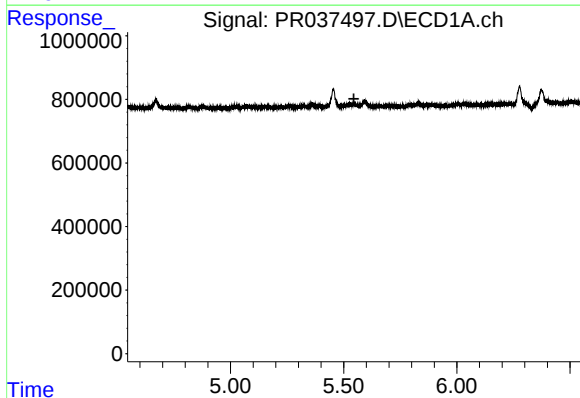
R.T.: 0.000 min
Exp R.T.: 5.524 min
Response: 0
Conc: N.D.

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



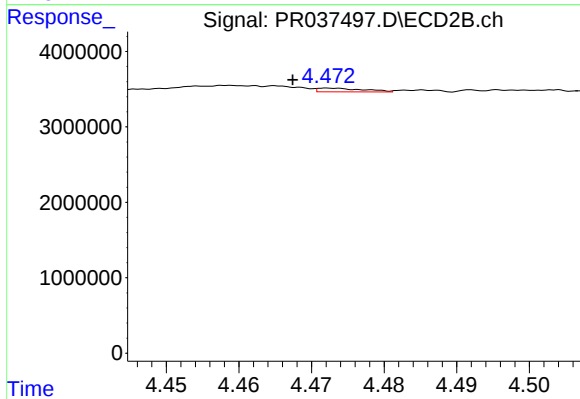
#3 AR-1016-1

R.T.: 4.459 min
Delta R.T.: 0.007 min
Response: 1017766
Conc: 5.59 ng/ml



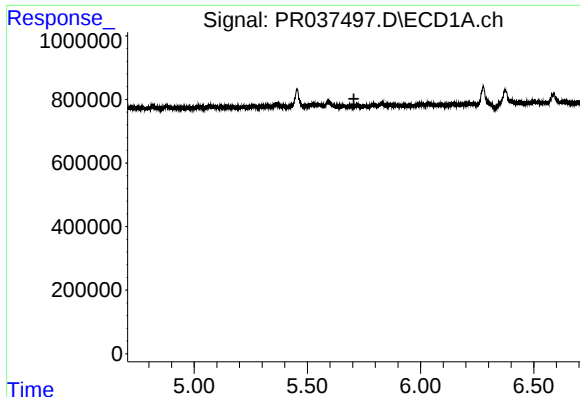
#4 AR-1016-2

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



#4 AR-1016-2

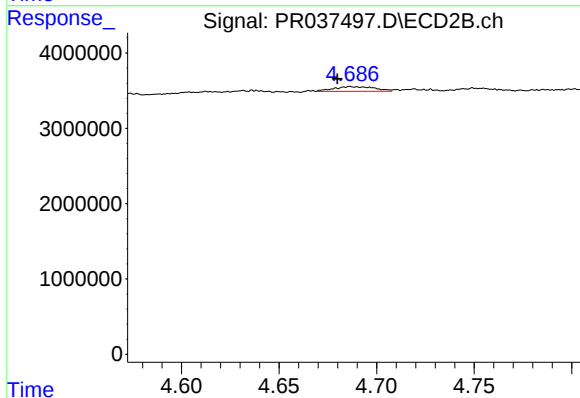
R.T.: 4.473 min
Delta R.T.: 0.005 min
Response: 215207
Conc: 0.76 ng/ml



#6 AR-1016-4

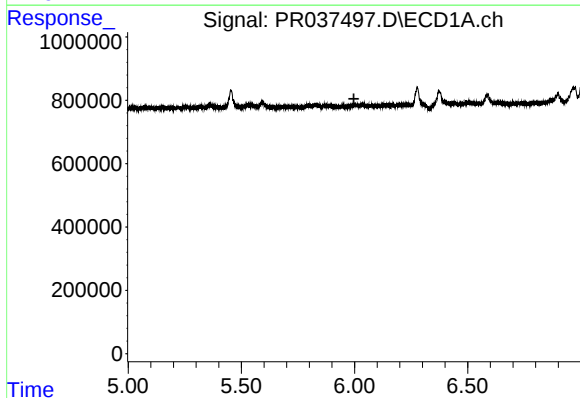
R.T.: 0.000 min
Exp R.T.: 5.705 min
Response: 0
Conc: N.D.

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



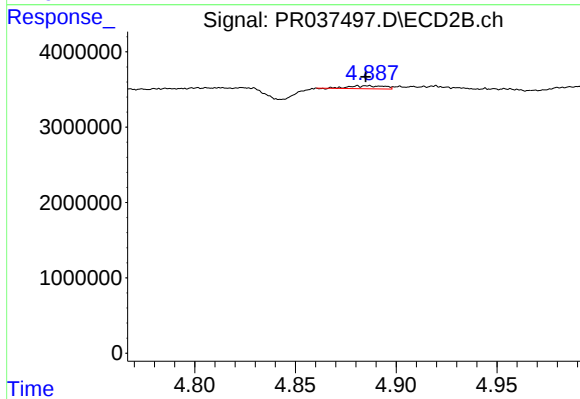
#6 AR-1016-4

R.T.: 4.686 min
Delta R.T.: 0.007 min
Response: 892591
Conc: 8.07 ng/ml



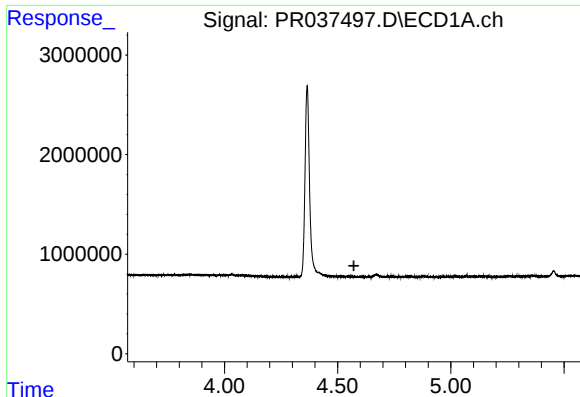
#7 AR-1016-5

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



#7 AR-1016-5

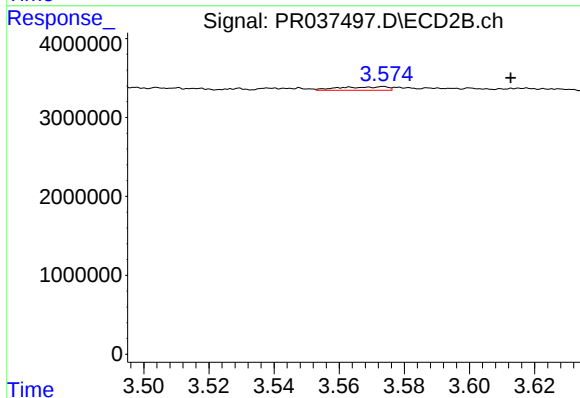
R.T.: 4.881 min
Delta R.T.: -0.004 min
Response: 481615
Conc: 3.17 ng/ml



#8 AR-1221-1

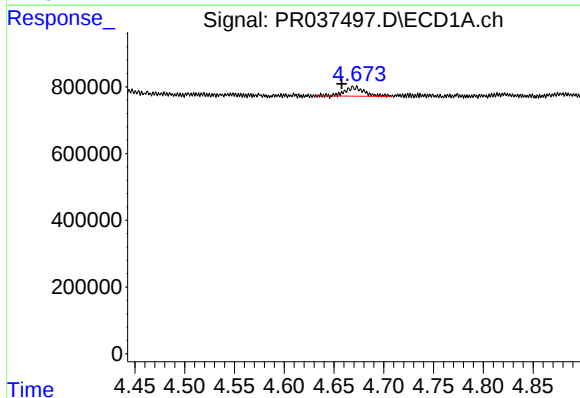
R.T.: 0.000 min
Exp R.T.: 4.572 min
Response: 0
Conc: N.D.

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



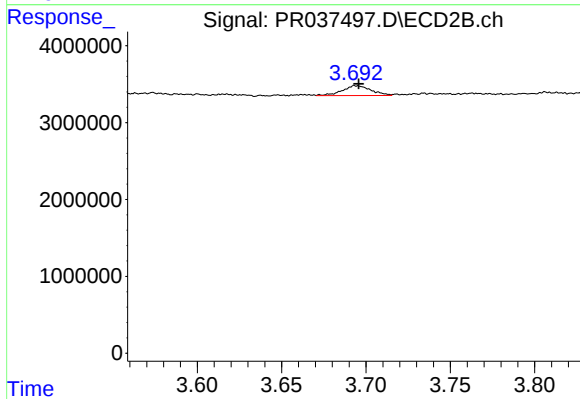
#8 AR-1221-1

R.T.: 3.574 min
Delta R.T.: -0.039 min
Response: 452328
Conc: 8.88 ng/ml



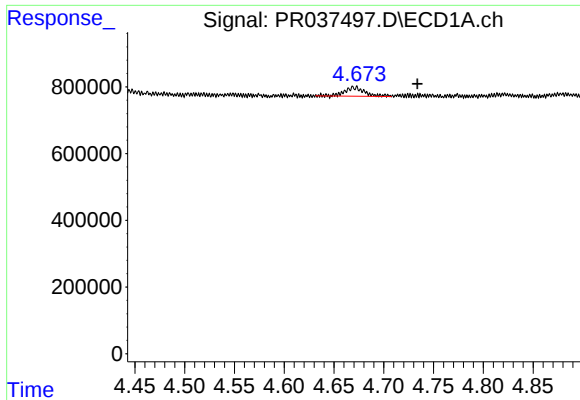
#9 AR-1221-2

R.T.: 4.673 min
Delta R.T.: 0.015 min
Response: 374698
Conc: 41.43 ng/ml



#9 AR-1221-2

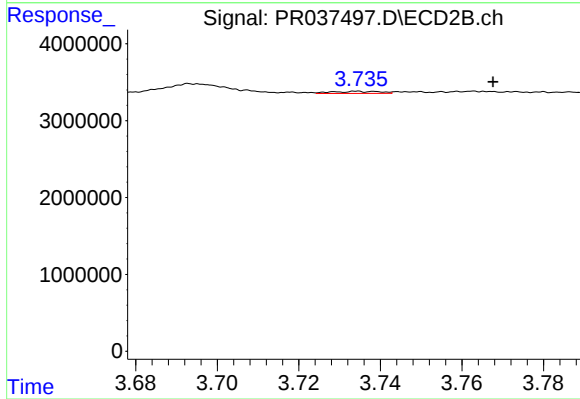
R.T.: 3.693 min
Delta R.T.: -0.002 min
Response: 1532173
Conc: 41.26 ng/ml



#10 AR-1221-3

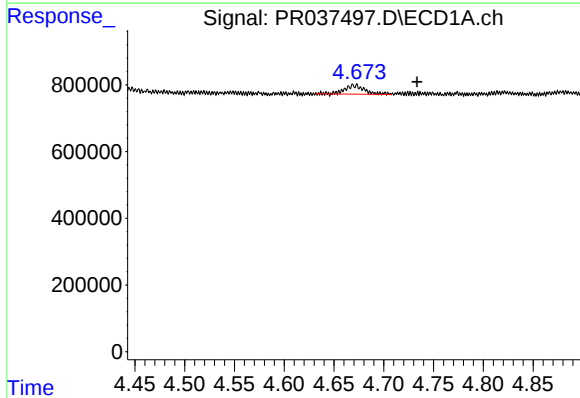
R.T.: 4.673 min
Delta R.T.: -0.061 min
Response: 374698
Conc: 12.23 ng/ml

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



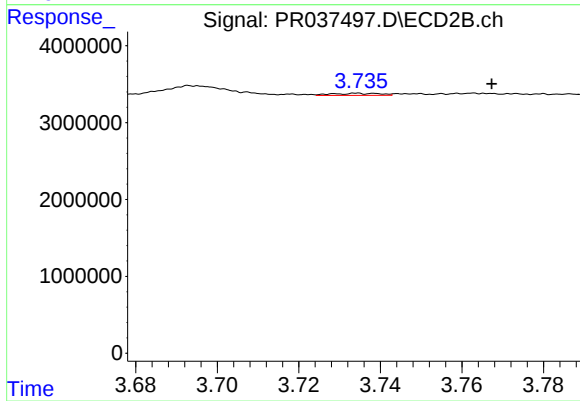
#10 AR-1221-3

R.T.: 3.734 min
Delta R.T.: -0.033 min
Response: 221350
Conc: 1.81 ng/ml



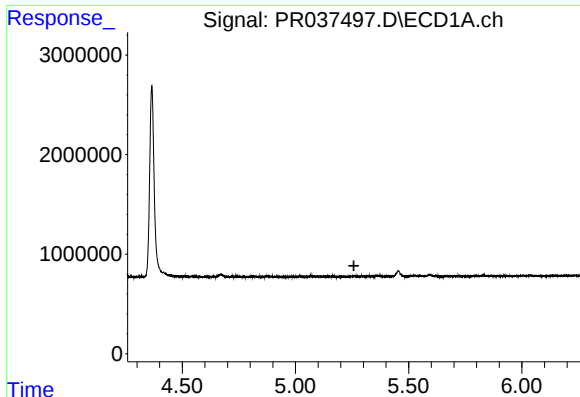
#11 AR-1232-1

R.T.: 4.673 min
Delta R.T.: -0.061 min
Response: 374698
Conc: 12.81 ng/ml



#11 AR-1232-1

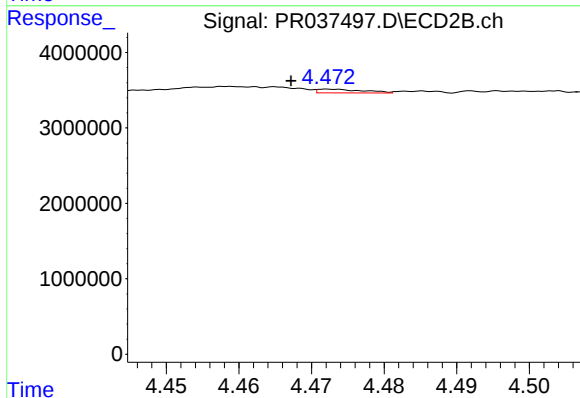
R.T.: 3.734 min
Delta R.T.: -0.033 min
Response: 221350
Conc: 1.89 ng/ml



#12 AR-1232-2

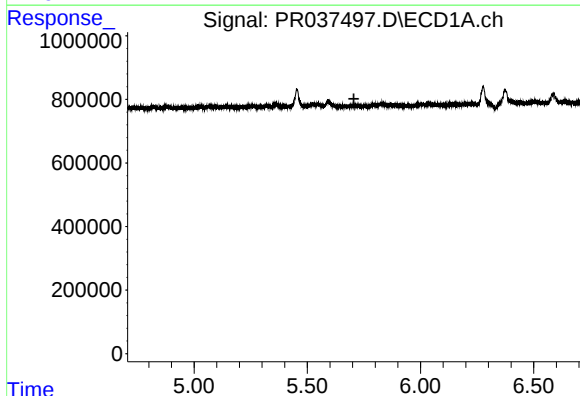
R.T.: 0.000 min
Exp R.T.: 5.258 min
Response: 0
Conc: N.D.

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



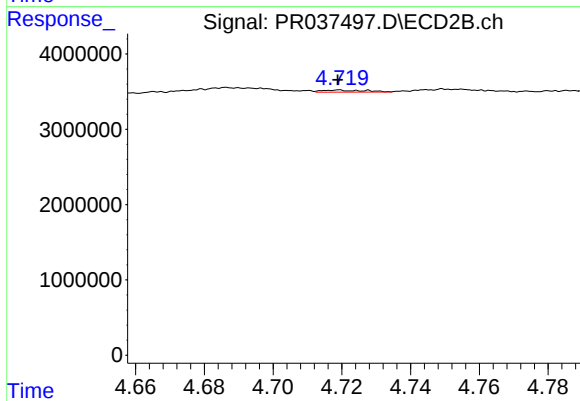
#12 AR-1232-2

R.T.: 4.473 min
Delta R.T.: 0.005 min
Response: 215207
Conc: 1.56 ng/ml



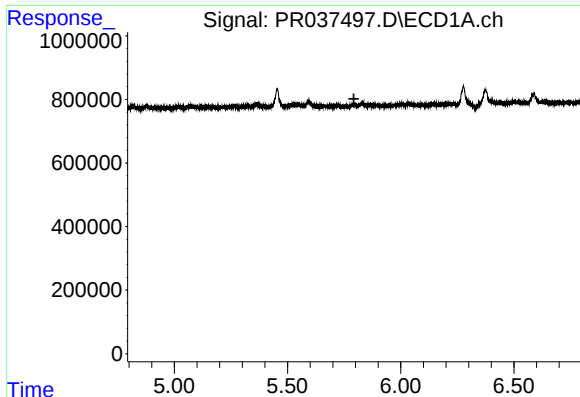
#14 AR-1232-4

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



#14 AR-1232-4

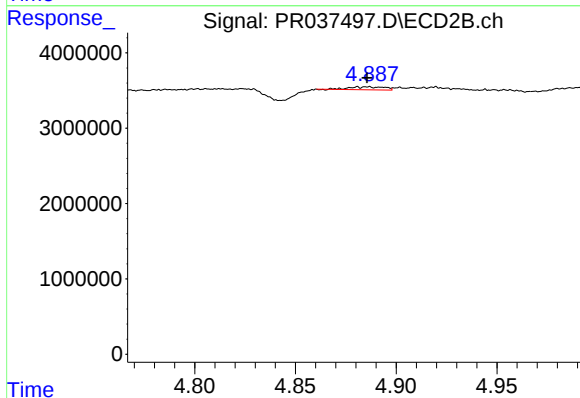
R.T.: 4.719 min
Delta R.T.: 0.000 min
Response: 229520
Conc: 3.85 ng/ml



#15 AR-1232-5

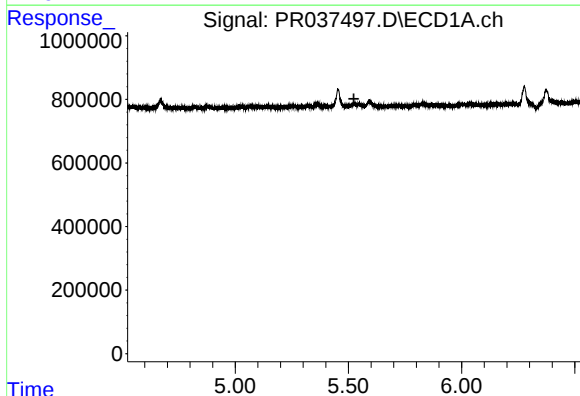
R.T.: 0.000 min
Exp R.T.: 5.793 min
Response: 0
Conc: N.D.

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



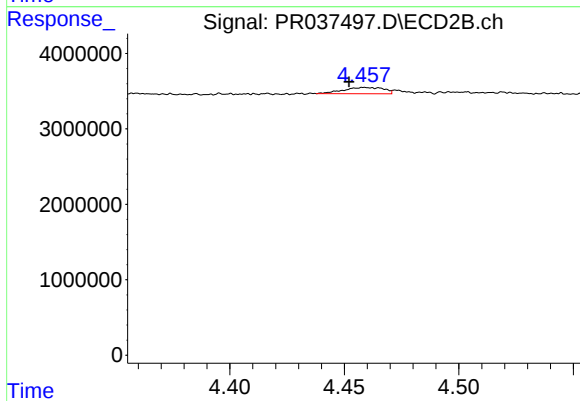
#15 AR-1232-5

R.T.: 4.881 min
Delta R.T.: -0.005 min
Response: 481615
Conc: 7.06 ng/ml



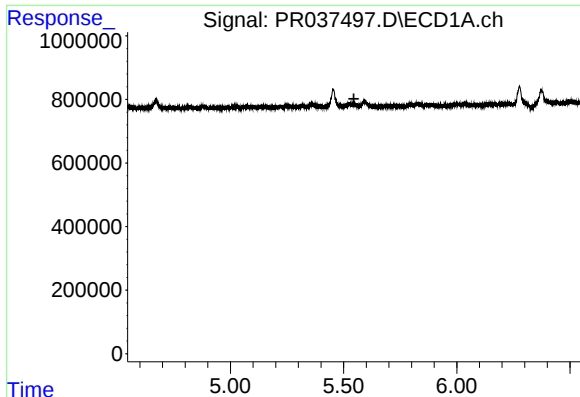
#16 AR-1242-1

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



#16 AR-1242-1

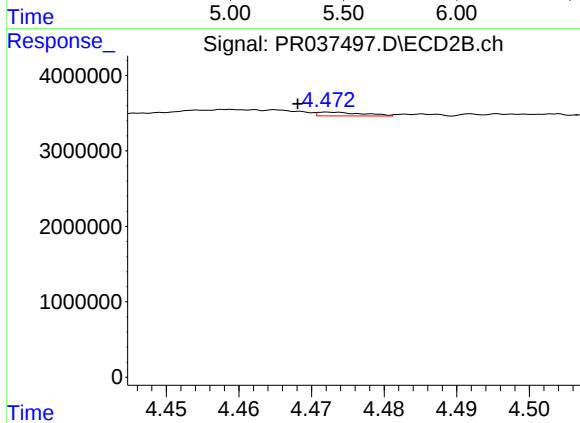
R.T.: 4.459 min
Delta R.T.: 0.007 min
Response: 1017766
Conc: 6.95 ng/ml



#17 AR-1242-2

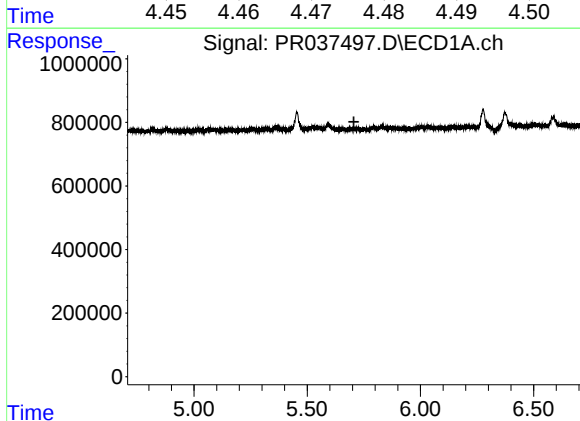
R.T.: 0.000 min
Exp R.T.: 5.545 min
Response: 0
Conc: N.D.

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



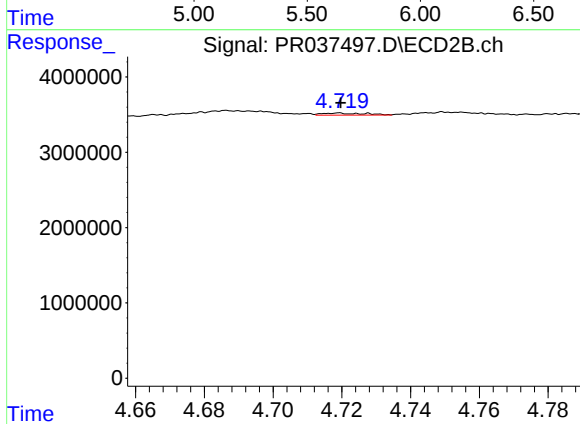
#17 AR-1242-2

R.T.: 4.473 min
Delta R.T.: 0.004 min
Response: 215207
Conc: 0.94 ng/ml



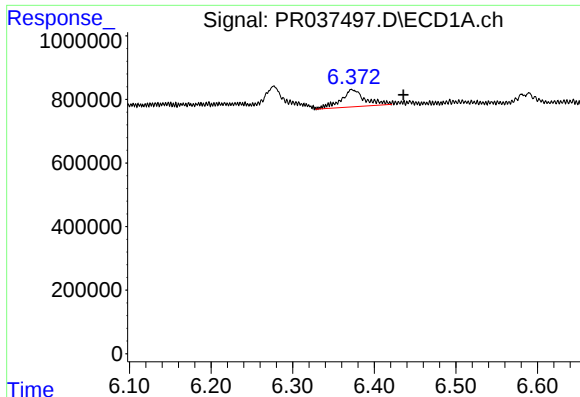
#19 AR-1242-4

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



#19 AR-1242-4

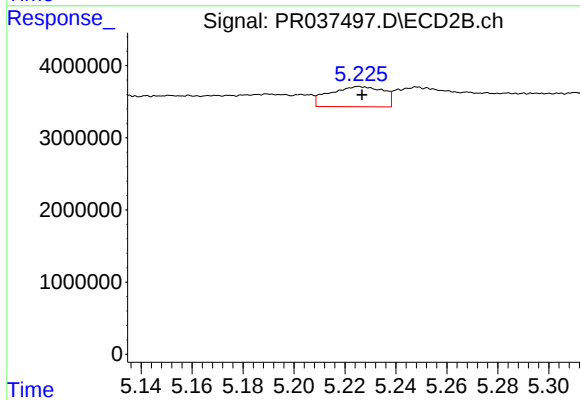
R.T.: 4.719 min
Delta R.T.: 0.000 min
Response: 229520
Conc: 2.09 ng/ml



#20 AR-1242-5

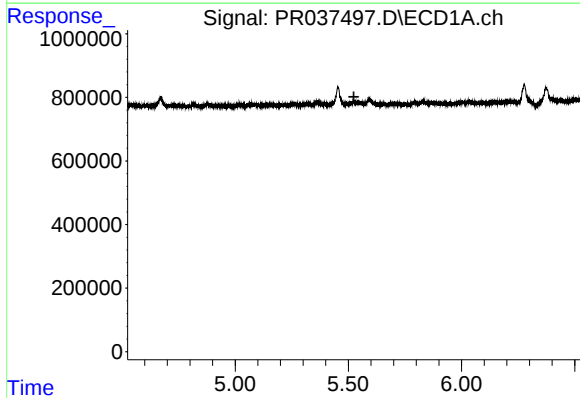
R.T.: 6.372 min
Delta R.T.: -0.064 min
Response: 1102689
Conc: 34.27 ng/ml

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



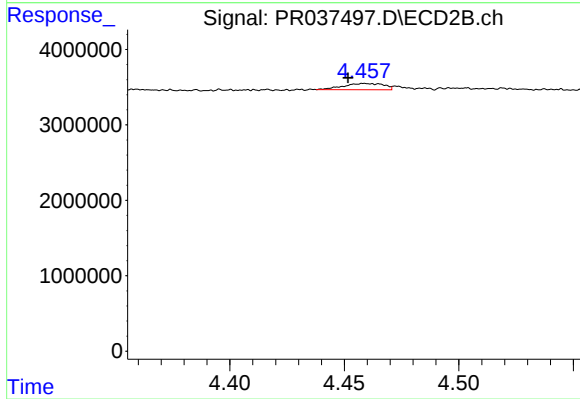
#20 AR-1242-5

R.T.: 5.225 min
Delta R.T.: -0.001 min
Response: 4092922
Conc: 24.70 ng/ml



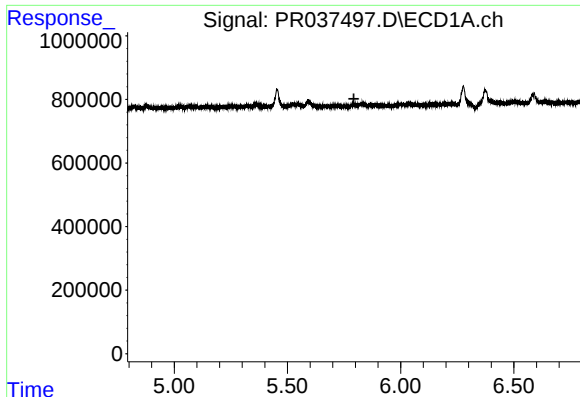
#21 AR-1248-1

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



#21 AR-1248-1

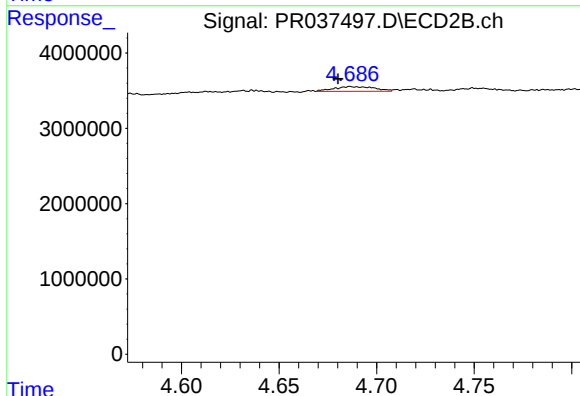
R.T.: 4.459 min
Delta R.T.: 0.007 min
Response: 1017766
Conc: 10.11 ng/ml



#22 AR-1248-2

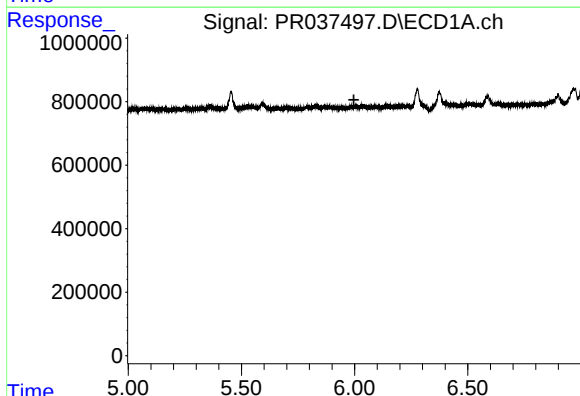
R.T.: 0.000 min
Exp R.T.: 5.793 min
Response: 0
Conc: N.D.

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



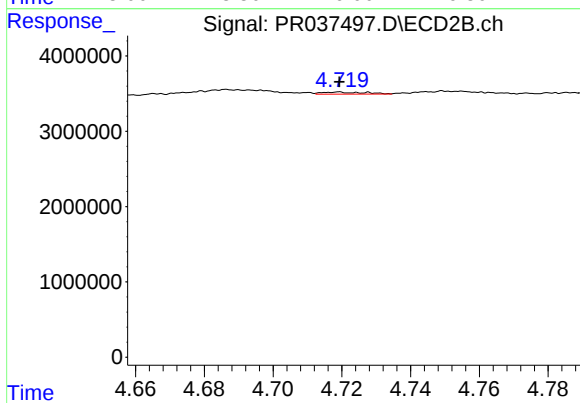
#22 AR-1248-2

R.T.: 4.686 min
Delta R.T.: 0.006 min
Response: 892591
Conc: 6.54 ng/ml



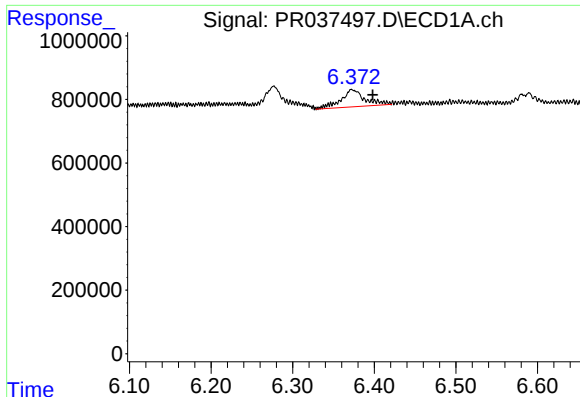
#23 AR-1248-3

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



#23 AR-1248-3

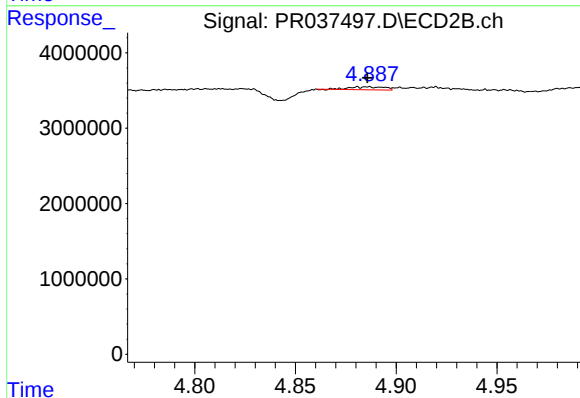
R.T.: 4.719 min
Delta R.T.: 0.000 min
Response: 229520
Conc: 1.64 ng/ml



#24 AR-1248-4

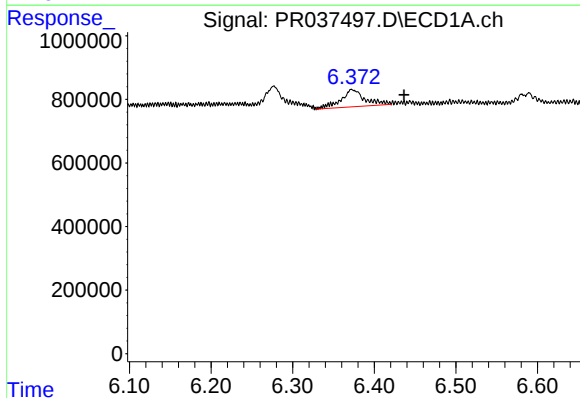
R.T.: 6.372 min
Delta R.T.: -0.026 min
Response: 1102689
Conc: 22.52 ng/ml

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



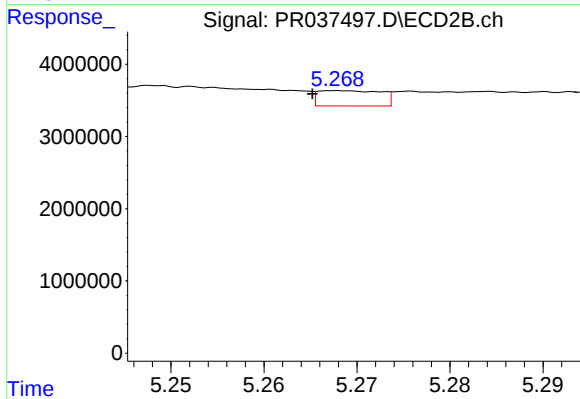
#24 AR-1248-4

R.T.: 4.881 min
Delta R.T.: -0.005 min
Response: 481615
Conc: 2.71 ng/ml



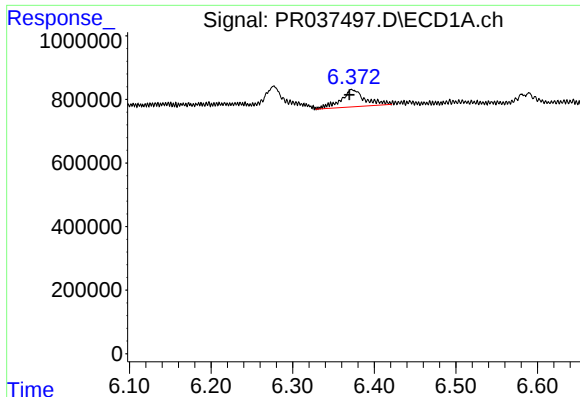
#25 AR-1248-5

R.T.: 6.372 min
Delta R.T.: -0.064 min
Response: 1102689
Conc: 23.34 ng/ml



#25 AR-1248-5

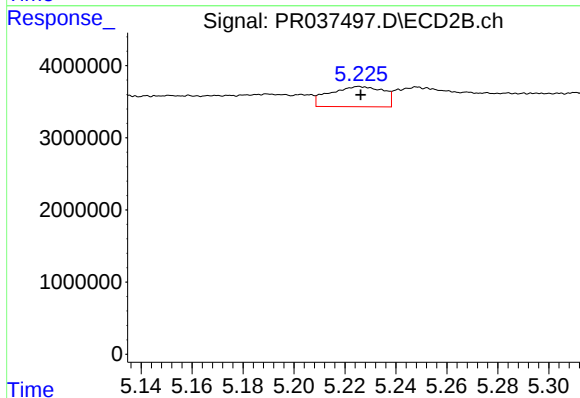
R.T.: 5.268 min
Delta R.T.: 0.003 min
Response: 994675
Conc: 5.08 ng/ml



#26 AR-1254-1

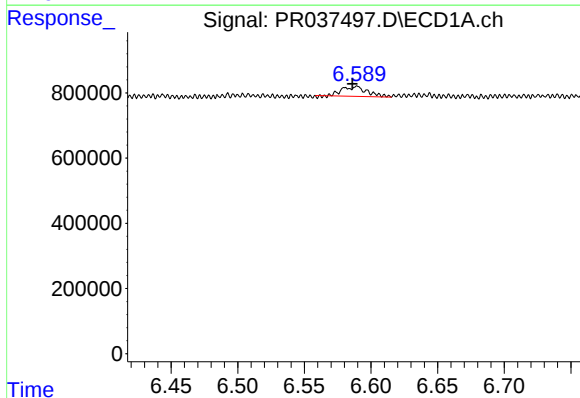
R.T.: 6.372 min
Delta R.T.: 0.003 min
Response: 1102689
Conc: 20.18 ng/ml

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



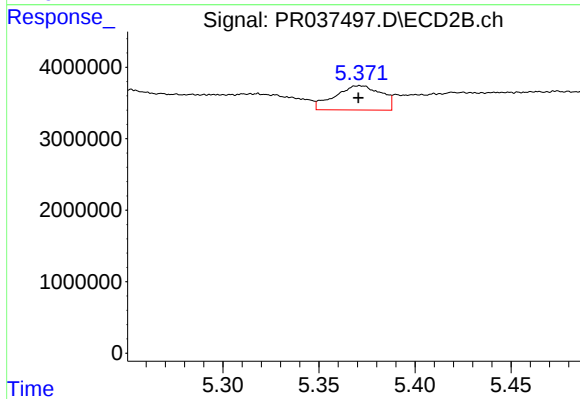
#26 AR-1254-1

R.T.: 5.225 min
Delta R.T.: 0.000 min
Response: 4092922
Conc: 11.88 ng/ml



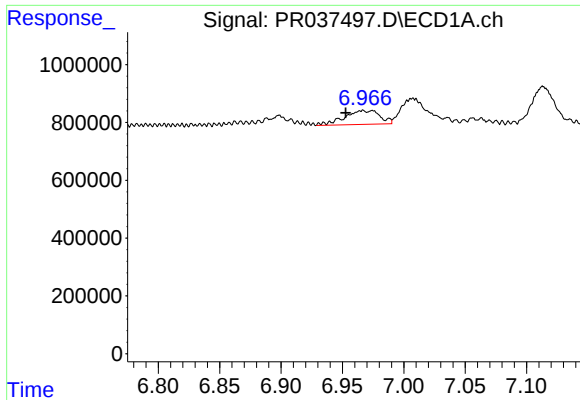
#27 AR-1254-2

R.T.: 6.590 min
Delta R.T.: 0.004 min
Response: 387954
Conc: 4.53 ng/ml



#27 AR-1254-2

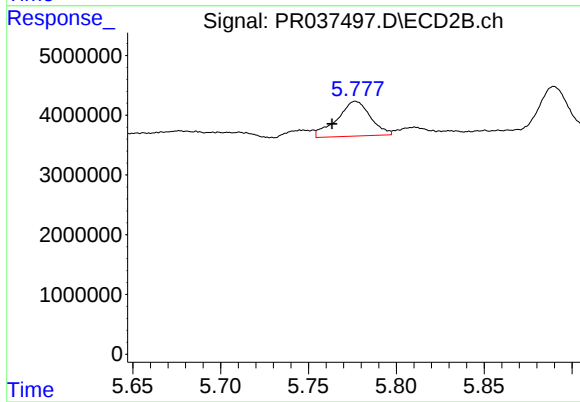
R.T.: 5.371 min
Delta R.T.: 0.000 min
Response: 5696868
Conc: 19.02 ng/ml



#28 AR-1254-3

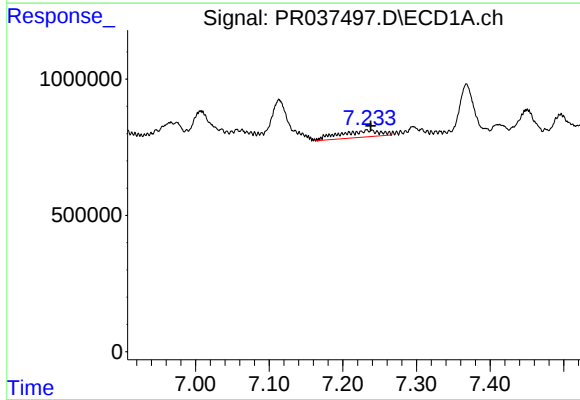
R.T.: 6.966 min
Delta R.T.: 0.014 min
Response: 962271
Conc: 10.58 ng/ml

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



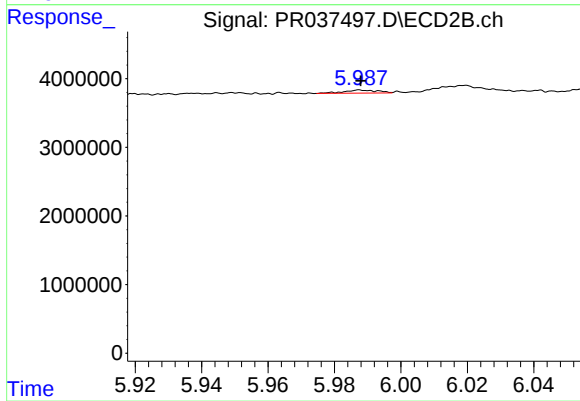
#28 AR-1254-3

R.T.: 5.777 min
Delta R.T.: 0.013 min
Response: 7745030
Conc: 16.35 ng/ml



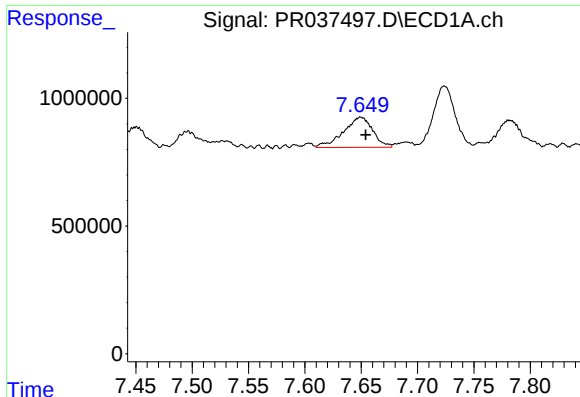
#29 AR-1254-4

R.T.: 7.232 min
Delta R.T.: -0.005 min
Response: 960405
Conc: 14.33 ng/ml



#29 AR-1254-4

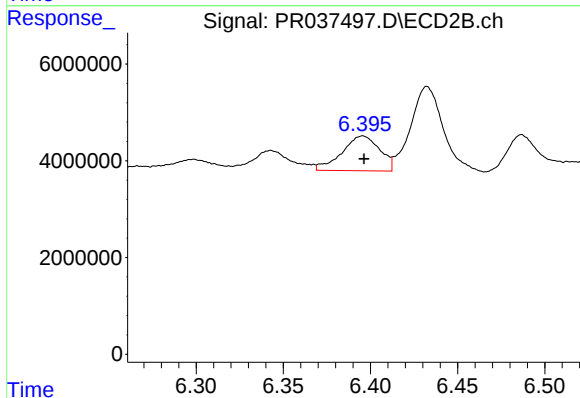
R.T.: 5.988 min
Delta R.T.: 0.000 min
Response: 305034
Conc: 0.87 ng/ml



#30 AR-1254-5

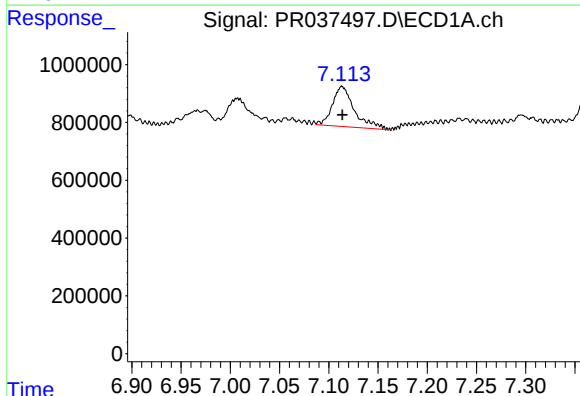
R.T.: 7.650 min
Delta R.T.: -0.004 min
Response: 2126693
Conc: 29.59 ng/ml

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



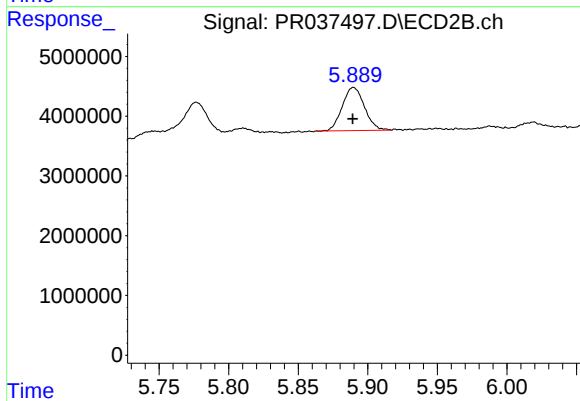
#30 AR-1254-5

R.T.: 6.396 min
Delta R.T.: 0.000 min
Response: 10882643
Conc: 24.58 ng/ml



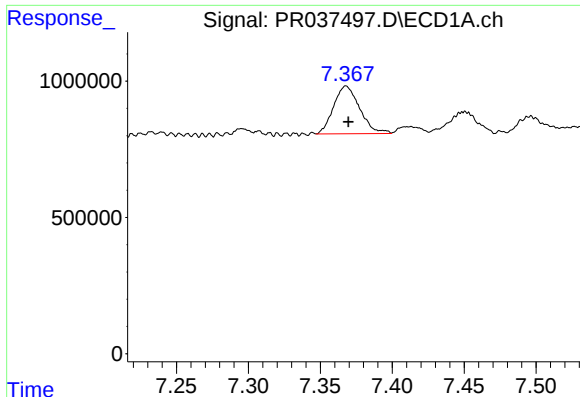
#31 AR-1260-1

R.T.: 7.113 min
Delta R.T.: 0.000 min
Response: 2147860
Conc: 32.55 ng/ml



#31 AR-1260-1

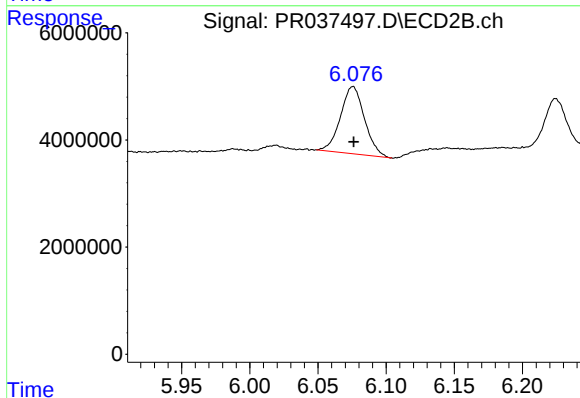
R.T.: 5.890 min
Delta R.T.: 0.000 min
Response: 7998053
Conc: 27.36 ng/ml



#32 AR-1260-2

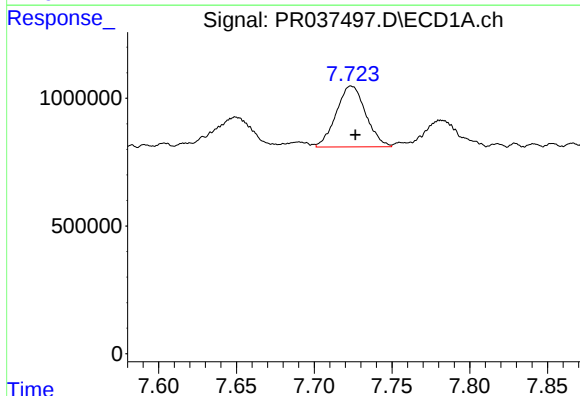
R.T.: 7.368 min
Delta R.T.: -0.002 min
Response: 2211257
Conc: 27.74 ng/ml

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



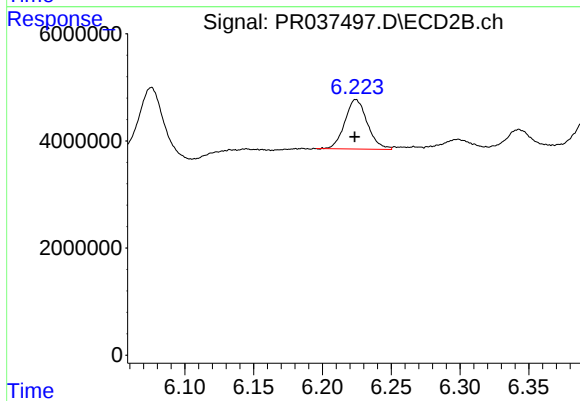
#32 AR-1260-2

R.T.: 6.076 min
Delta R.T.: 0.000 min
Response: 15304230
Conc: 33.23 ng/ml



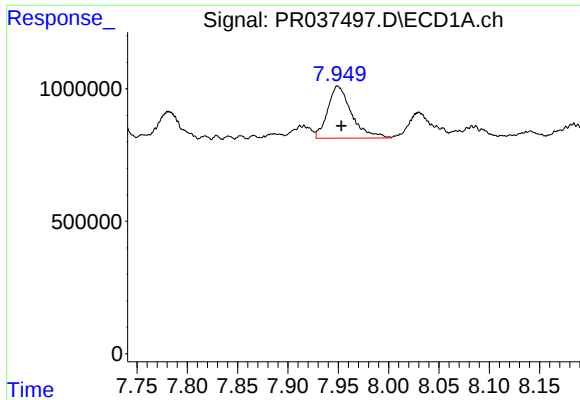
#33 AR-1260-3

R.T.: 7.724 min
Delta R.T.: -0.003 min
Response: 3157256
Conc: 50.46 ng/ml



#33 AR-1260-3

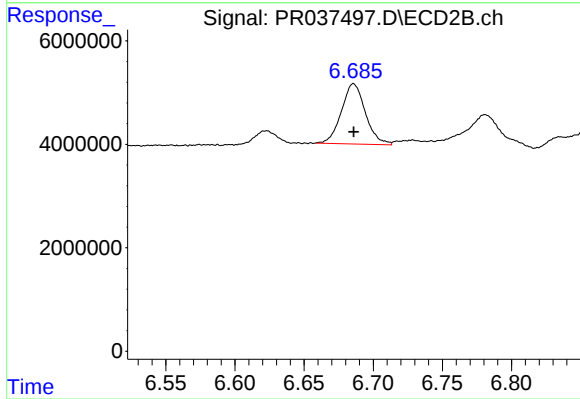
R.T.: 6.224 min
Delta R.T.: 0.000 min
Response: 10532812
Conc: 29.55 ng/ml



#34 AR-1260-4

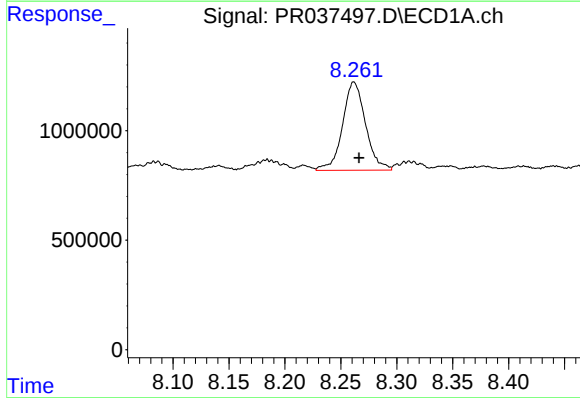
R.T.: 7.950 min
Delta R.T.: -0.003 min
Response: 3243925
Conc: 43.60 ng/ml

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



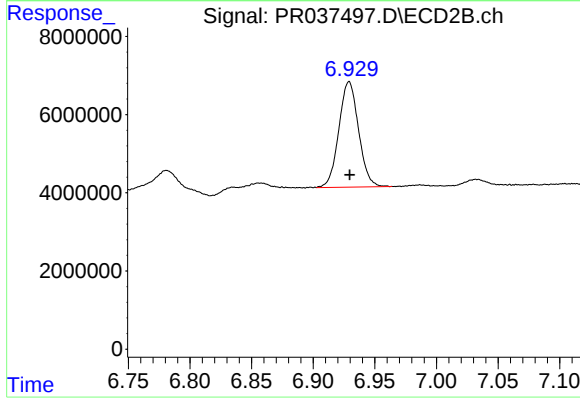
#34 AR-1260-4

R.T.: 6.686 min
Delta R.T.: 0.000 min
Response: 14070044
Conc: 46.17 ng/ml



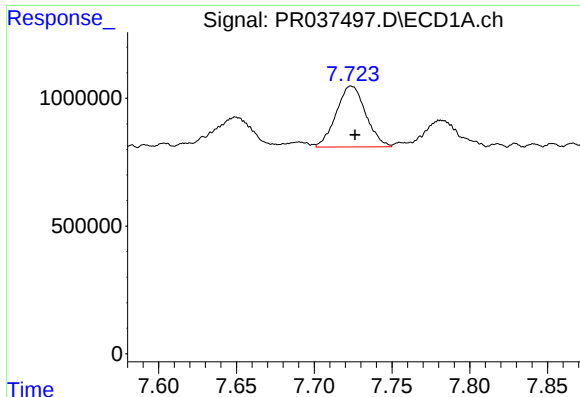
#35 AR-1260-5

R.T.: 8.262 min
Delta R.T.: -0.005 min
Response: 5764636
Conc: 39.86 ng/ml



#35 AR-1260-5

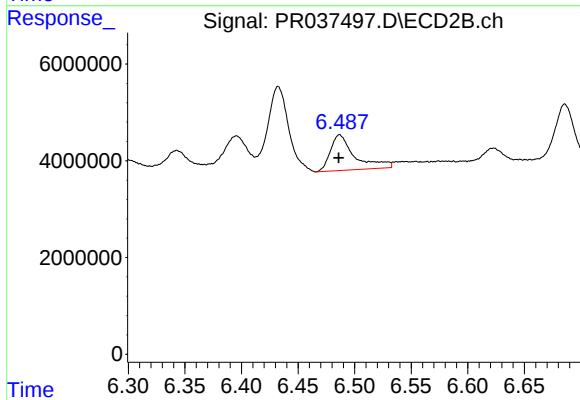
R.T.: 6.929 min
Delta R.T.: 0.000 min
Response: 30052365
Conc: 34.65 ng/ml



#36 AR-1262-1

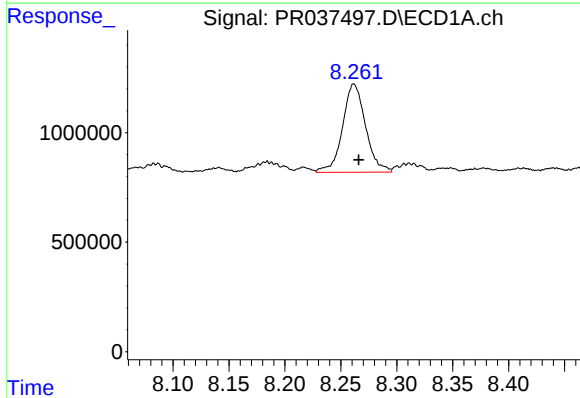
R.T.: 7.724 min
Delta R.T.: -0.002 min
Response: 3157256
Conc: 30.23 ng/ml

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



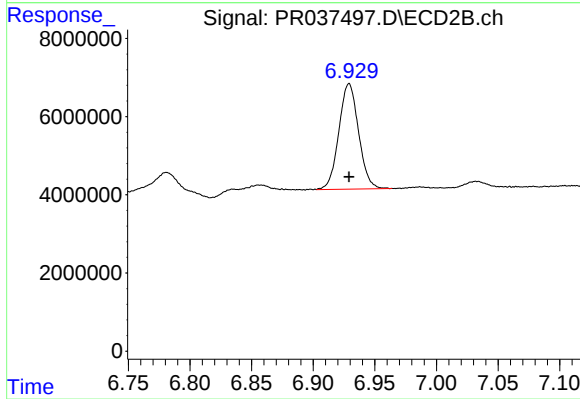
#36 AR-1262-1

R.T.: 6.487 min
Delta R.T.: 0.000 min
Response: 11012656
Conc: 43.94 ng/ml



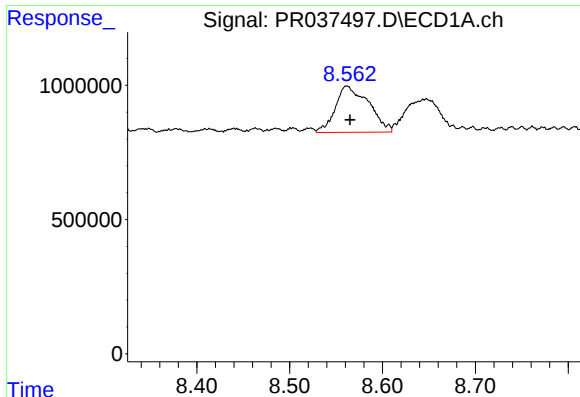
#37 AR-1262-2

R.T.: 8.262 min
Delta R.T.: -0.004 min
Response: 5764636
Conc: 29.66 ng/ml



#37 AR-1262-2

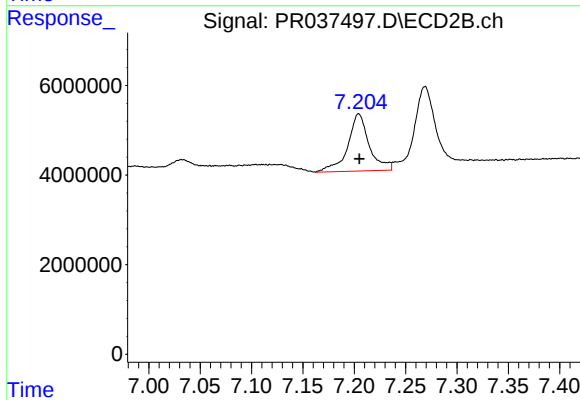
R.T.: 6.929 min
Delta R.T.: 0.000 min
Response: 30052365
Conc: 23.93 ng/ml



#38 AR-1262-3

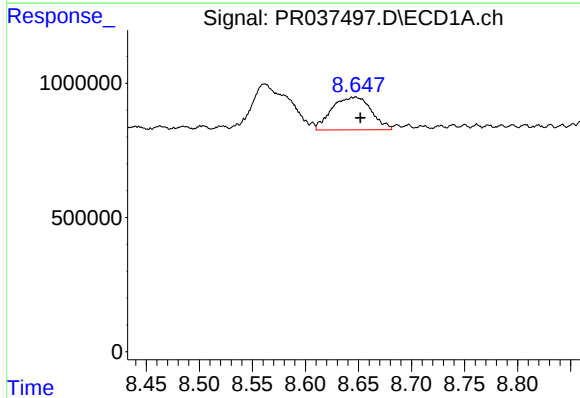
R.T.: 8.562 min
Delta R.T.: -0.003 min
Response: 4302922
Conc: 32.72 ng/ml

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



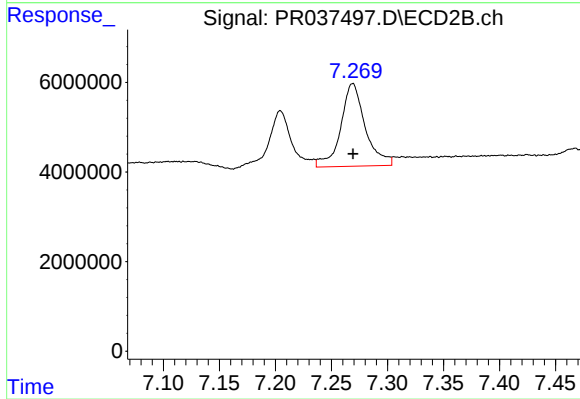
#38 AR-1262-3

R.T.: 7.204 min
Delta R.T.: 0.000 min
Response: 18618334
Conc: 33.96 ng/ml



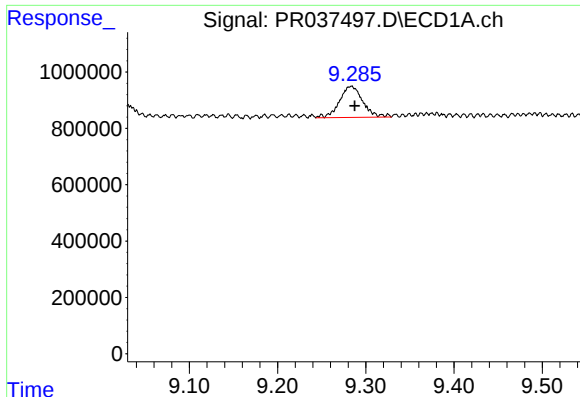
#39 AR-1262-4

R.T.: 8.647 min
Delta R.T.: -0.005 min
Response: 3156739
Conc: 32.14 ng/ml



#39 AR-1262-4

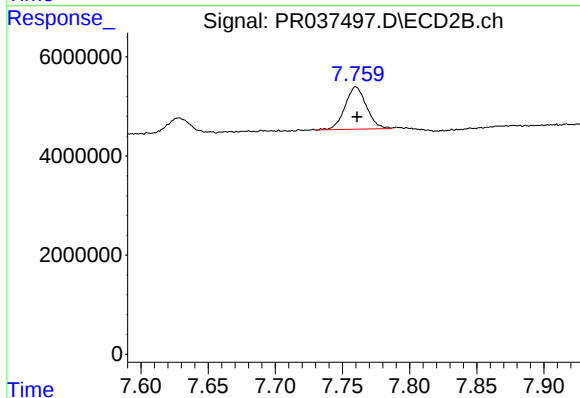
R.T.: 7.269 min
Delta R.T.: 0.000 min
Response: 28171900
Conc: 31.38 ng/ml



#40 AR-1262-5

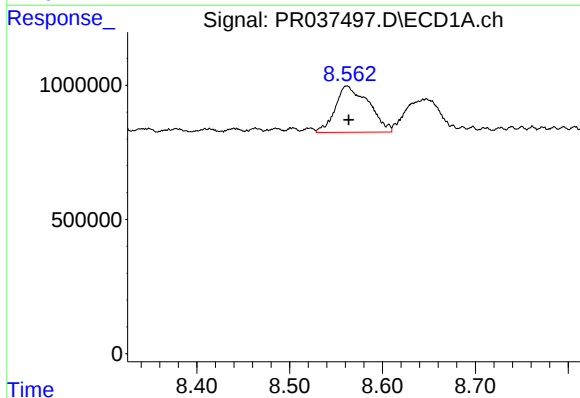
R.T.: 9.284 min
Delta R.T.: -0.004 min
Response: 2030203
Conc: 29.41 ng/ml

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



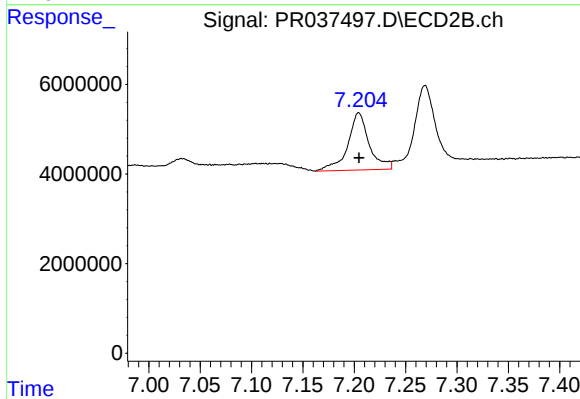
#40 AR-1262-5

R.T.: 7.760 min
Delta R.T.: 0.000 min
Response: 9462208
Conc: 24.73 ng/ml



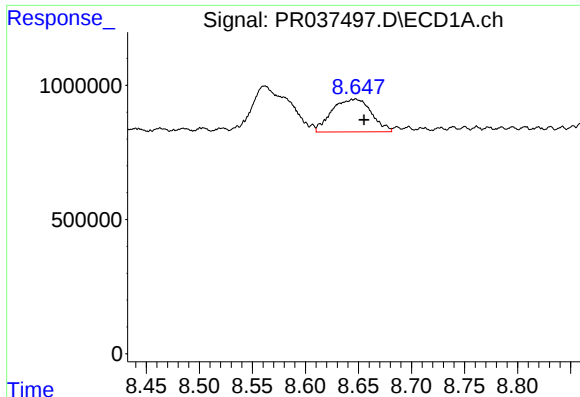
#41 AR-1268-1

R.T.: 8.562 min
Delta R.T.: -0.002 min
Response: 4302922
Conc: 24.03 ng/ml



#41 AR-1268-1

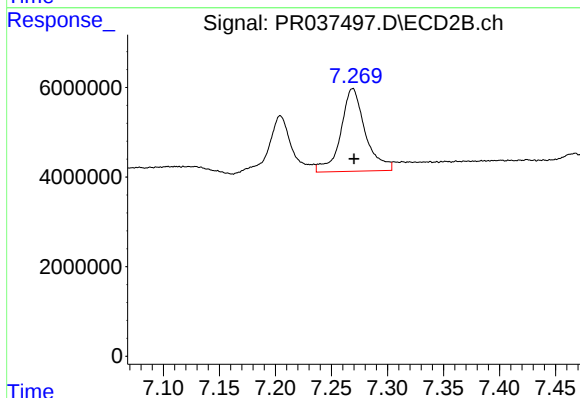
R.T.: 7.204 min
Delta R.T.: 0.000 min
Response: 18618334
Conc: 15.12 ng/ml



#42 AR-1268-2

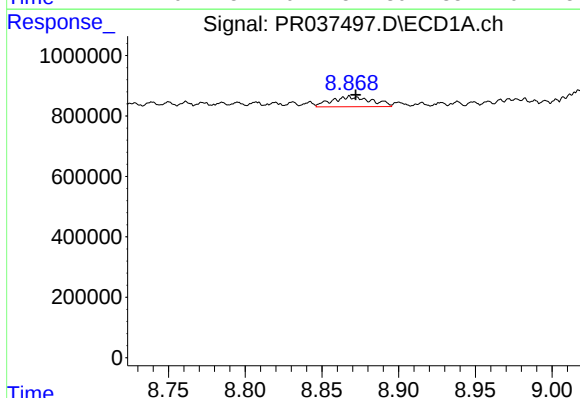
R.T.: 8.647 min
Delta R.T.: -0.008 min
Response: 3156739
Conc: 19.19 ng/ml

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



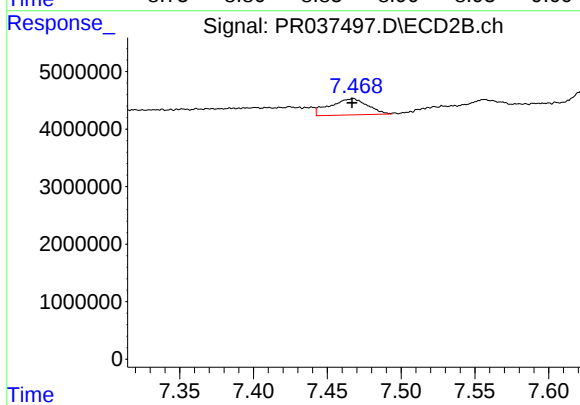
#42 AR-1268-2

R.T.: 7.269 min
Delta R.T.: -0.001 min
Response: 28171900
Conc: 26.60 ng/ml



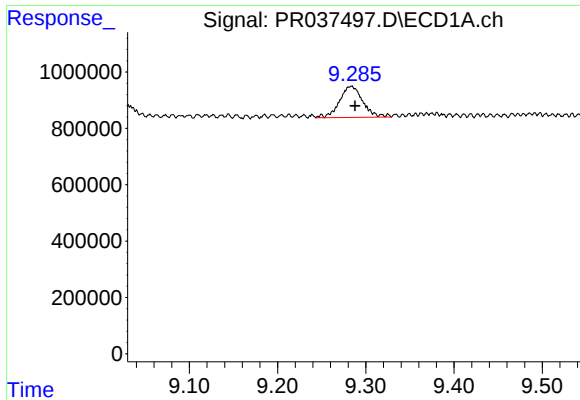
#43 AR-1268-3

R.T.: 8.868 min
Delta R.T.: -0.004 min
Response: 603786
Conc: 4.36 ng/ml



#43 AR-1268-3

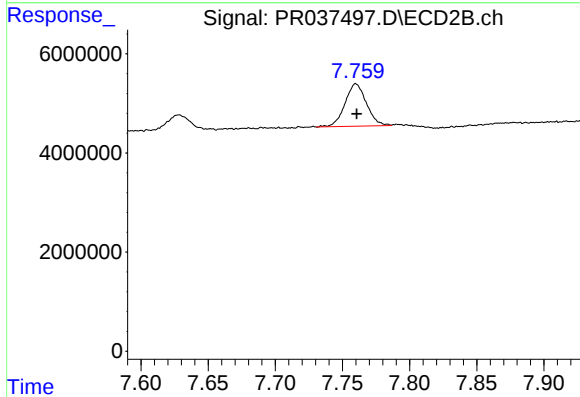
R.T.: 7.468 min
Delta R.T.: 0.001 min
Response: 5020599
Conc: 5.67 ng/ml



#44 AR-1268-4

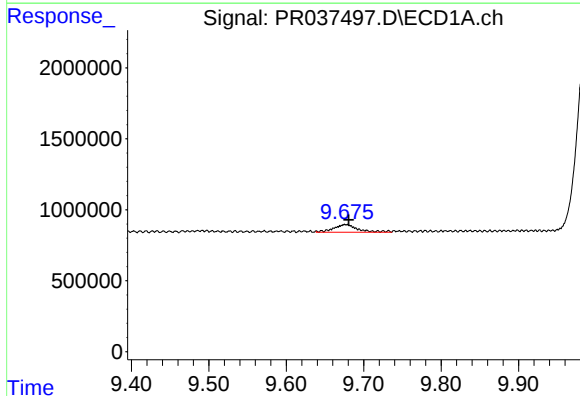
R.T.: 9.284 min
Delta R.T.: -0.004 min
Response: 2030203
Conc: 32.54 ng/ml

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



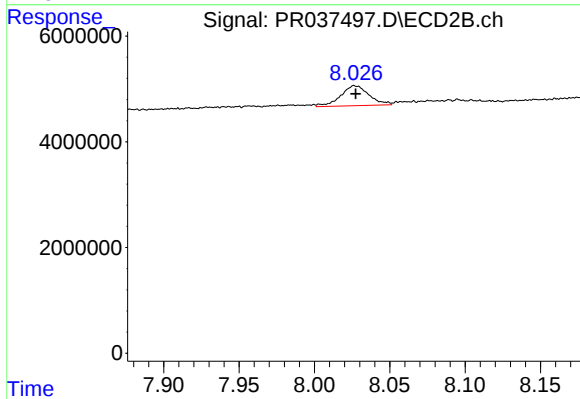
#44 AR-1268-4

R.T.: 7.760 min
Delta R.T.: 0.000 min
Response: 9462208
Conc: 26.08 ng/ml



#45 AR-1268-5

R.T.: 9.676 min
Delta R.T.: -0.005 min
Response: 1172931
Conc: 2.57 ng/ml



#45 AR-1268-5

R.T.: 8.026 min
Delta R.T.: -0.001 min
Response: 4951977
Conc: 1.95 ng/ml