

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR110320\
 Data File : PR048494.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Nov 2020 02:16
 Operator : DD\AJ
 Sample : L4214-01
 Misc : AR1232 LOD 40 PPB
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2020

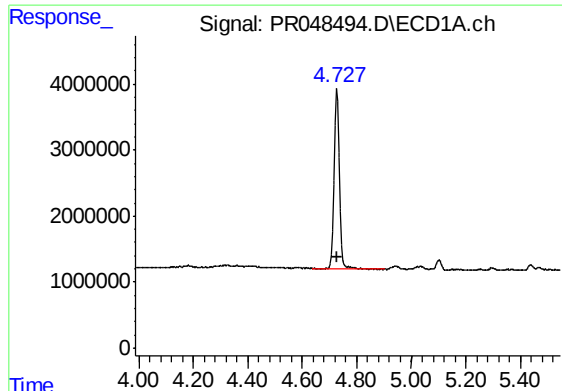
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 04 05:45:02 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR110320.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Nov 04 04:25:33 2020
 Response via : Initial Calibration
 Integrator: ChemStation

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...	4.727	3.881	36428175	42323933	14.881	14.577
2)	SA Decachlor...	10.651	8.979	42316390	221.3E6	16.061	15.149
Target Compounds							
3)	L1 AR-1016-1	5.903	4.970	1539946	990655	16.481	12.172 #
4)	L1 AR-1016-2	5.926	4.989	2024504	2171957	15.511	13.017
5)	L1 AR-1016-3	5.990	5.166	1284731	1002060	16.146	10.075 #
6)	L1 AR-1016-4	6.089	0.000	881126	0	13.529	N.D. #
7)	L1 AR-1016-5	6.383	5.420	815562	1015863	12.777	12.352
8)	L2 AR-1221-1	4.942	0.000	1202148	0	44.790	N.D. #
9)	L2 AR-1221-2	5.033	4.180	1266436	3369957	63.794	153.742 #
10)	L2 AR-1221-3	5.101	4.255	2022589	2256183	33.103	34.880
11)	L3 AR-1232-1	5.101	4.255	2022589	2256183	37.807	40.855
12)	L3 AR-1232-2	5.634	4.989	953031	2171957	34.337	30.777
13)	L3 AR-1232-3	5.926	5.166	2024504	1002060	37.003	23.074 #
14)	L3 AR-1232-4	6.089	0.000	881126	0	33.086	N.D. #
15)	L3 AR-1232-5	6.176	5.420	569701	1015863	27.599	35.706 #
16)	L4 AR-1242-1	5.903	4.970	1539946	990655	24.067	18.082
17)	L4 AR-1242-2	5.926	4.989	2024504	2171957	22.238	18.656
18)	L4 AR-1242-3	5.990	5.166	1284731	1002060	23.082	14.243 #
19)	L4 AR-1242-4	6.089	0.000	881126	0	19.311	N.D. #
20)	L4 AR-1242-5	6.827	5.774	991212	1147049	19.836	15.286
21)	L5 AR-1248-1	5.903	4.970	1539946	990655	31.989	22.572 #
22)	L5 AR-1248-2	6.176	0.000	569701	0	8.445	N.D. #
23)	L5 AR-1248-3	6.383	0.000	815562	0	10.877	N.D. #
24)	L5 AR-1248-4	6.787	5.420	995419	1015863	11.433	11.259
25)	L5 AR-1248-5	6.827	5.814	991212	1493883	11.819	10.822
26)	L6 AR-1254-1	6.761	5.774	763542	1147049	8.699	7.434
27)	L6 AR-1254-2	6.986	0.000	995738	0	7.527	N.D. #
28)	L6 AR-1254-3	7.348	0.000	765607	0	5.474	N.D. #
32)	L7 AR-1260-2	7.765	0.000	331895	0	2.364	N.D. #
33)	L7 AR-1260-3	0.000	6.813	0	4457822	N.D.	10.435 #
35)	L7 AR-1260-5	0.000	7.526	0	2767599	N.D.	1.360 #
37)	L8 AR-1262-2	0.000	7.526	0	2767599	N.D.	1.349 #
38)	L8 AR-1262-3	0.000	7.836f	0	902985	N.D.	1.125 #
39)	L8 AR-1262-4	0.000	7.878	0	1817146	N.D.	1.329 #
41)	L9 AR-1268-1	0.000	7.836f	0	902985	N.D.	0.345 #
42)	L9 AR-1268-2	0.000	7.878	0	1817146	N.D.	0.796 #
45)	L9 AR-1268-5	0.000	8.707	0	4052470	N.D.	0.718 #

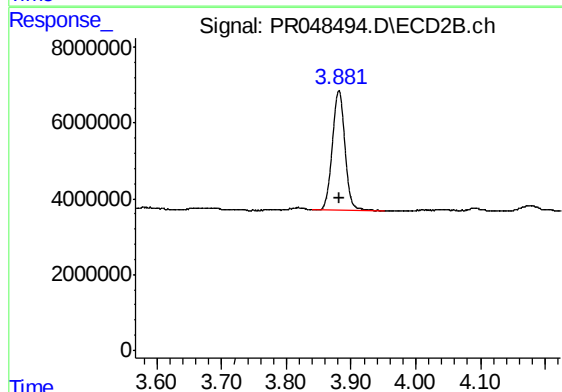
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

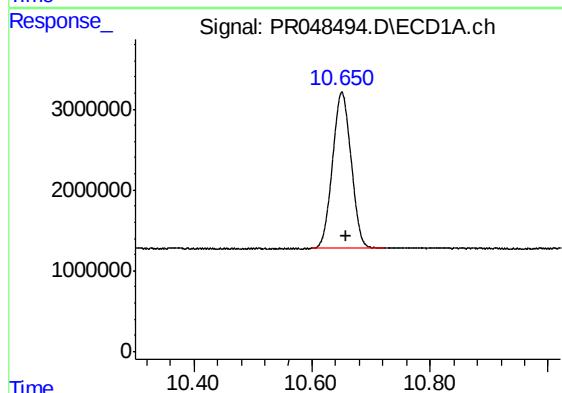
R.T.: 4.727 min
Delta R.T.: 0.000 min
Response: 36428175
Conc: 14.88 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020



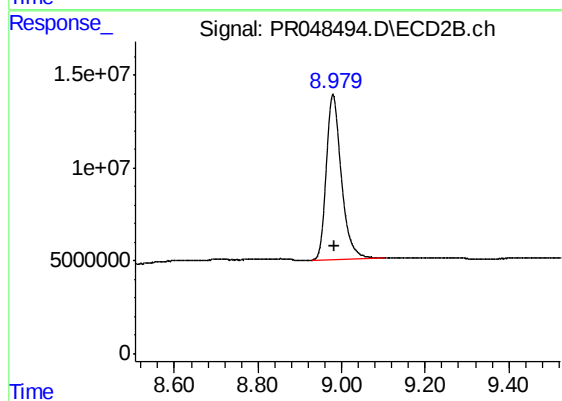
#1 Tetrachloro-m-xylene

R.T.: 3.881 min
Delta R.T.: 0.000 min
Response: 42323933
Conc: 14.58 ng/ml



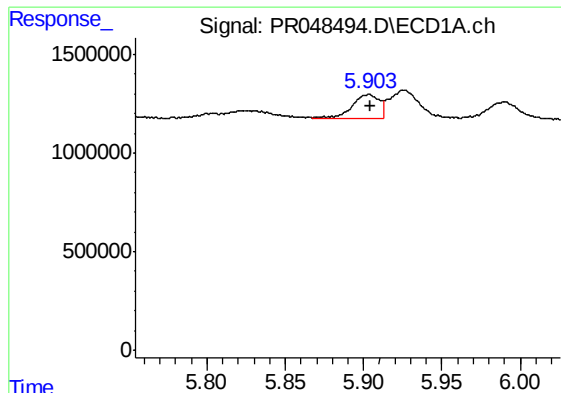
#2 Decachlorobiphenyl

R.T.: 10.651 min
Delta R.T.: -0.008 min
Response: 42316390
Conc: 16.06 ng/ml



#2 Decachlorobiphenyl

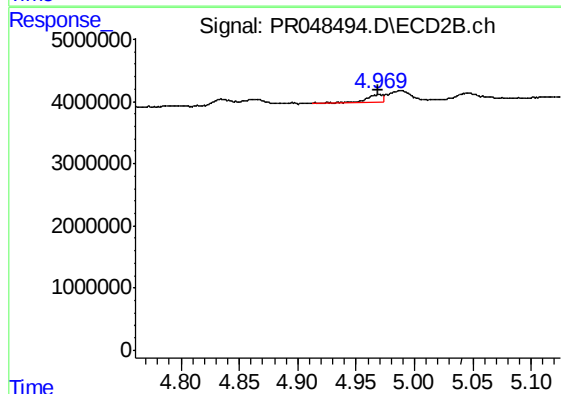
R.T.: 8.979 min
Delta R.T.: -0.005 min
Response: 221255039
Conc: 15.15 ng/ml



#3 AR-1016-1

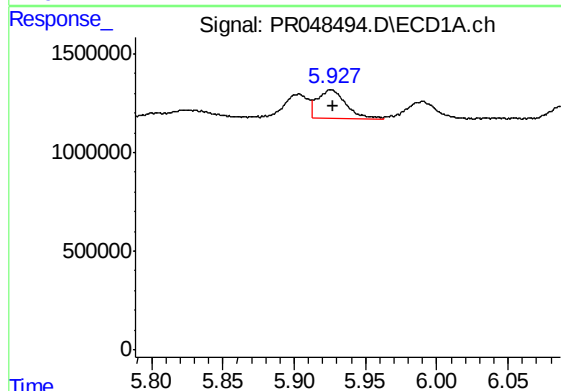
R.T.: 5.903 min
Delta R.T.: 0.000 min
Response: 1539946
Conc: 16.48 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020



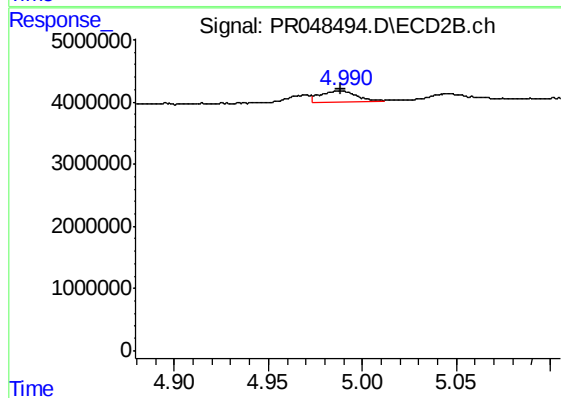
#3 AR-1016-1

R.T.: 4.970 min
Delta R.T.: 0.000 min
Response: 990655
Conc: 12.17 ng/ml



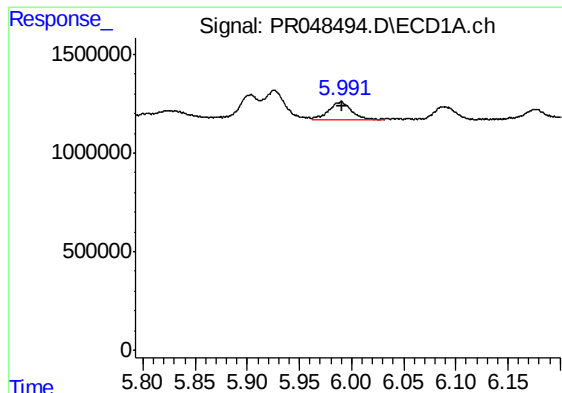
#4 AR-1016-2

R.T.: 5.926 min
Delta R.T.: -0.002 min
Response: 2024504
Conc: 15.51 ng/ml



#4 AR-1016-2

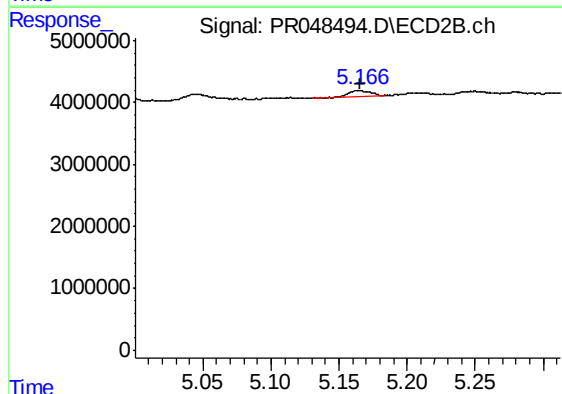
R.T.: 4.989 min
Delta R.T.: 0.001 min
Response: 2171957
Conc: 13.02 ng/ml



#5 AR-1016-3

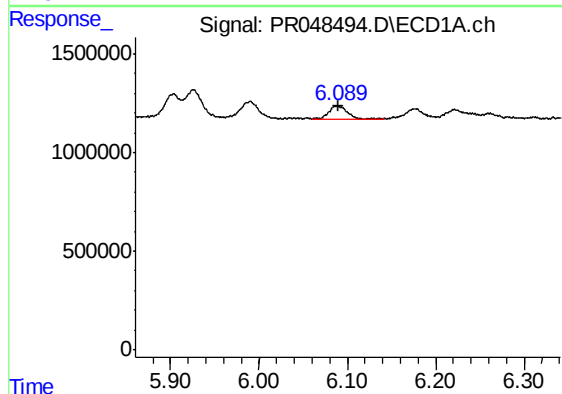
R.T.: 5.990 min
Delta R.T.: 0.000 min
Response: 1284731
Conc: 16.15 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020



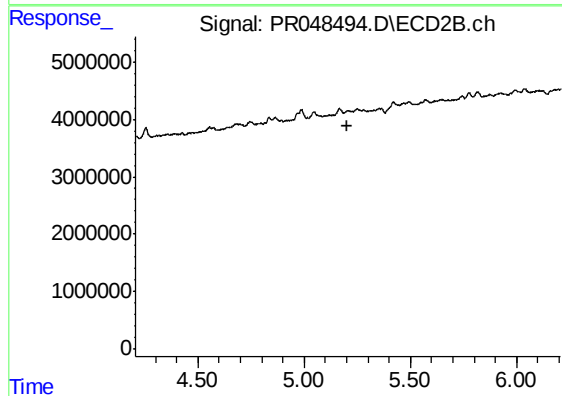
#5 AR-1016-3

R.T.: 5.166 min
Delta R.T.: 0.000 min
Response: 1002060
Conc: 10.07 ng/ml



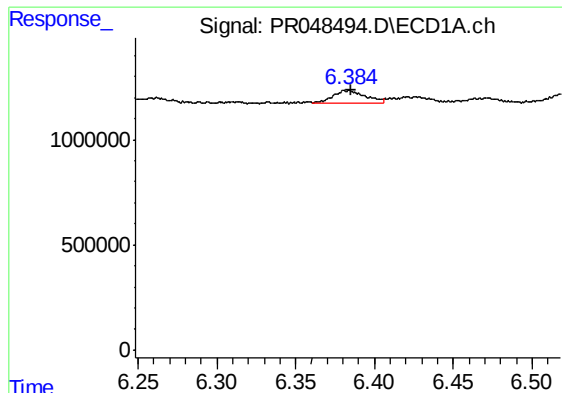
#6 AR-1016-4

R.T.: 6.089 min
Delta R.T.: -0.002 min
Response: 881126
Conc: 13.53 ng/ml



#6 AR-1016-4

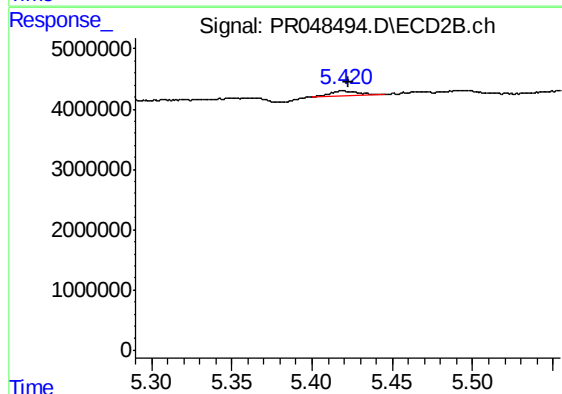
R.T.: 0.000 min
Exp R.T. : 5.206 min
Response: 0
Conc: N.D.



#7 AR-1016-5

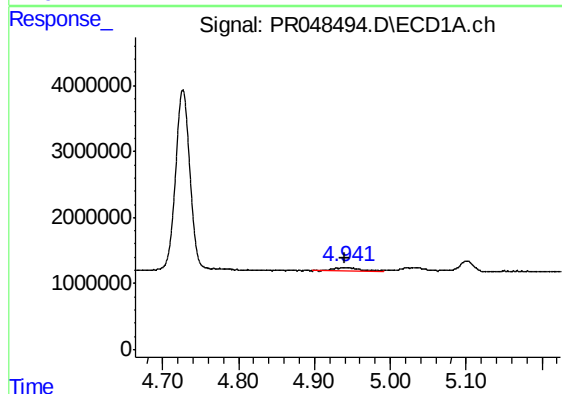
R.T.: 6.383 min
Delta R.T.: -0.002 min
Response: 815562
Conc: 12.78 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020



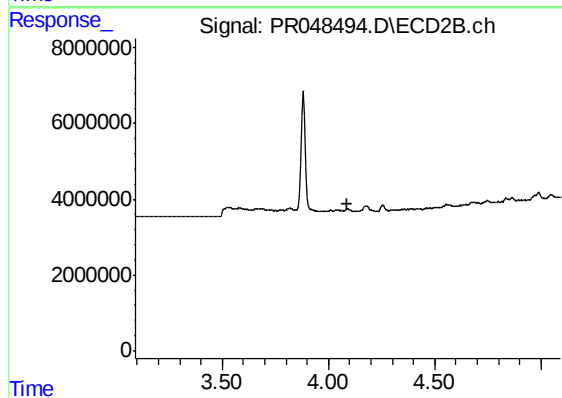
#7 AR-1016-5

R.T.: 5.420 min
Delta R.T.: -0.003 min
Response: 1015863
Conc: 12.35 ng/ml



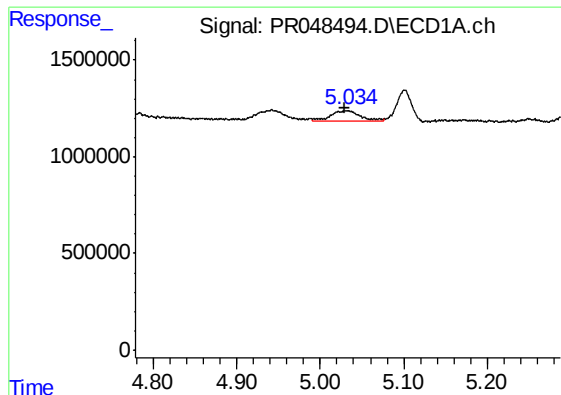
#8 AR-1221-1

R.T.: 4.942 min
Delta R.T.: 0.001 min
Response: 1202148
Conc: 44.79 ng/ml



#8 AR-1221-1

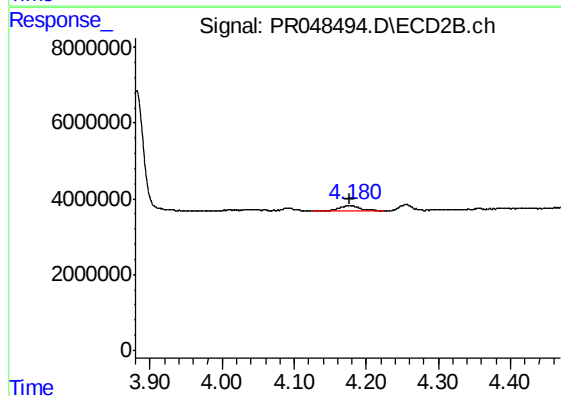
R.T.: 0.000 min
Exp R.T. : 4.091 min
Response: 0
Conc: N.D.



#9 AR-1221-2

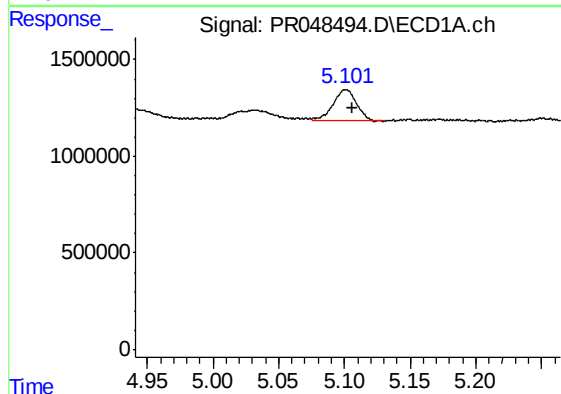
R.T.: 5.033 min
Delta R.T.: 0.005 min
Response: 1266436
Conc: 63.79 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020



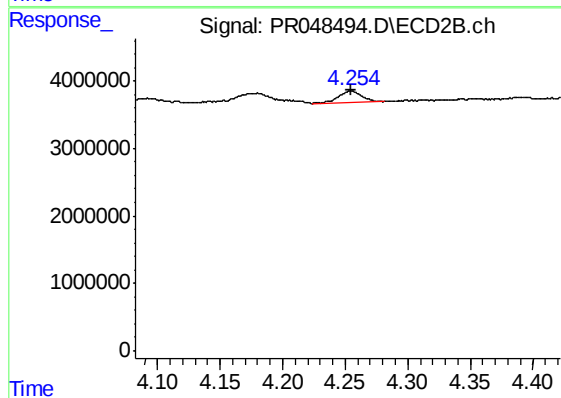
#9 AR-1221-2

R.T.: 4.180 min
Delta R.T.: 0.002 min
Response: 3369957
Conc: 153.74 ng/ml



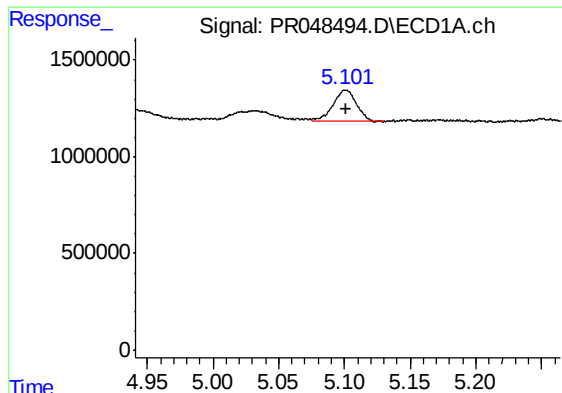
#10 AR-1221-3

R.T.: 5.101 min
Delta R.T.: -0.005 min
Response: 2022589
Conc: 33.10 ng/ml



#10 AR-1221-3

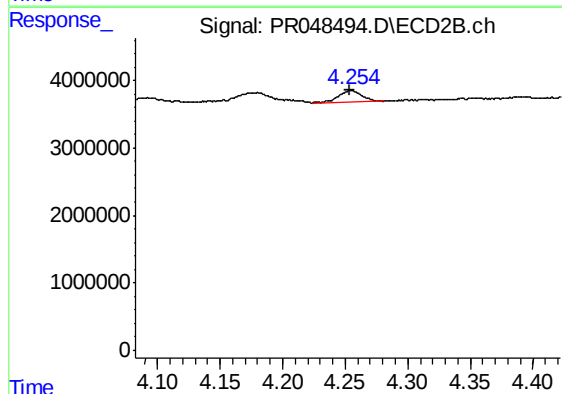
R.T.: 4.255 min
Delta R.T.: 0.000 min
Response: 2256183
Conc: 34.88 ng/ml



#11 AR-1232-1

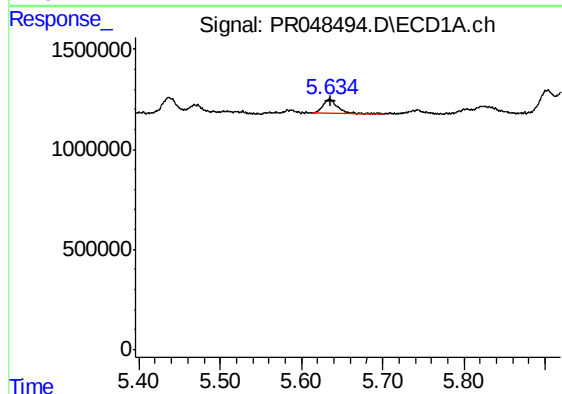
R.T.: 5.101 min
Delta R.T.: 0.000 min
Response: 2022589
Conc: 37.81 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020



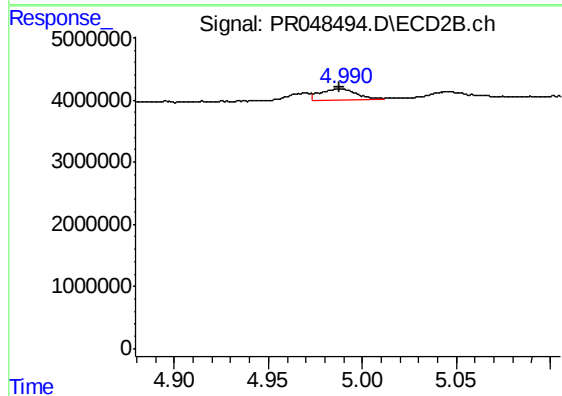
#11 AR-1232-1

R.T.: 4.255 min
Delta R.T.: 0.000 min
Response: 2256183
Conc: 40.85 ng/ml



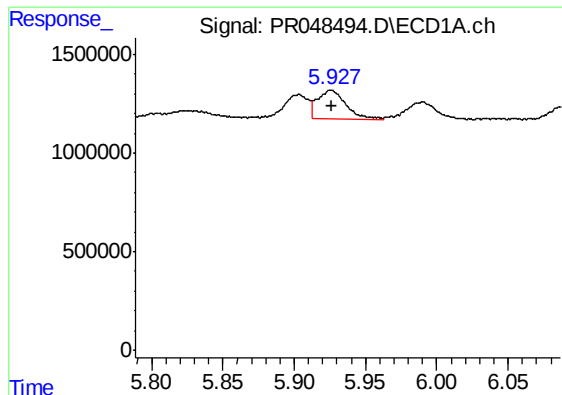
#12 AR-1232-2

R.T.: 5.634 min
Delta R.T.: -0.001 min
Response: 953031
Conc: 34.34 ng/ml



#12 AR-1232-2

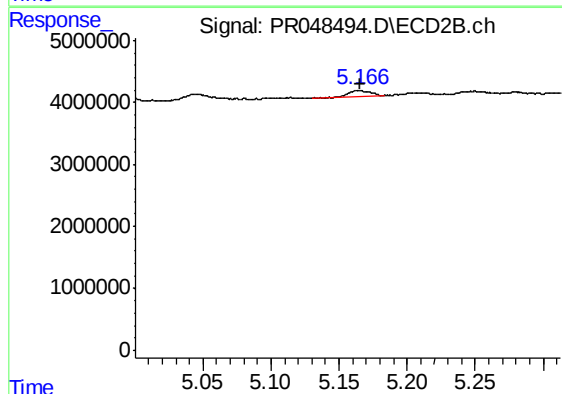
R.T.: 4.989 min
Delta R.T.: 0.002 min
Response: 2171957
Conc: 30.78 ng/ml



#13 AR-1232-3

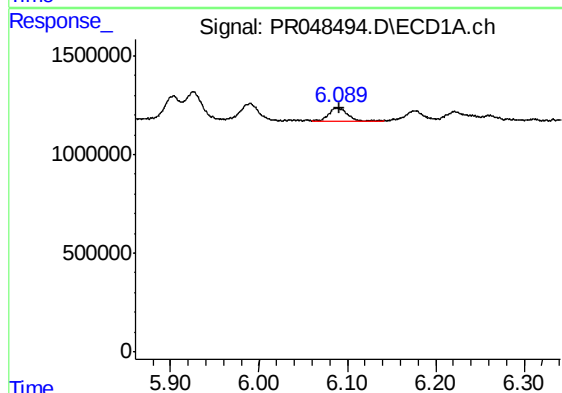
R.T.: 5.926 min
Delta R.T.: 0.000 min
Response: 2024504
Conc: 37.00 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020



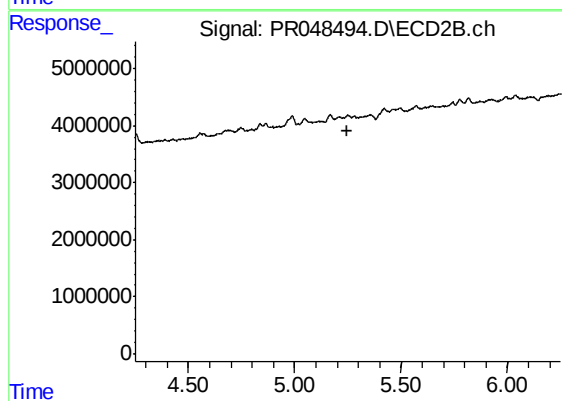
#13 AR-1232-3

R.T.: 5.166 min
Delta R.T.: 0.000 min
Response: 1002060
Conc: 23.07 ng/ml



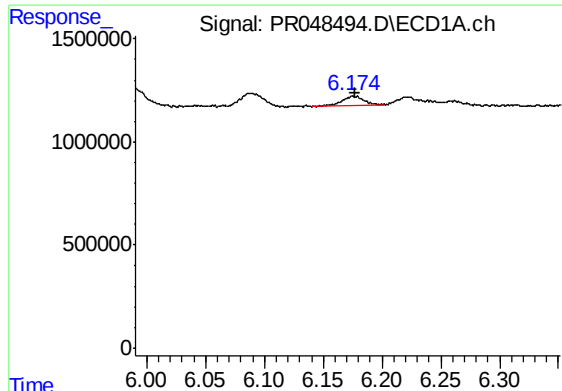
#14 AR-1232-4

R.T.: 6.089 min
Delta R.T.: -0.002 min
Response: 881126
Conc: 33.09 ng/ml



#14 AR-1232-4

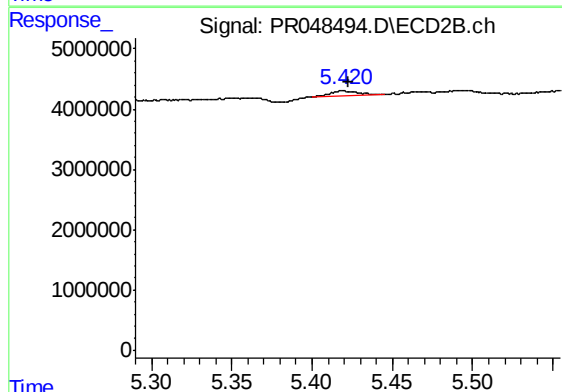
R.T.: 0.000 min
Exp R.T. : 5.250 min
Response: 0
Conc: N.D.



#15 AR-1232-5

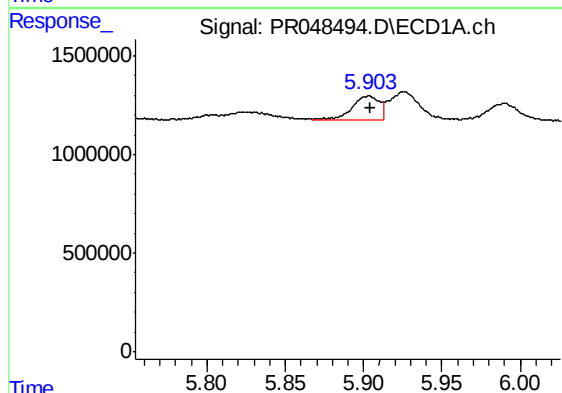
R.T.: 6.176 min
Delta R.T.: -0.001 min
Response: 569701
Conc: 27.60 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020



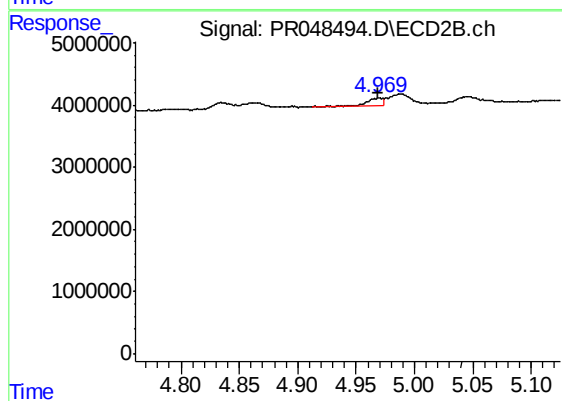
#15 AR-1232-5

R.T.: 5.420 min
Delta R.T.: -0.003 min
Response: 1015863
Conc: 35.71 ng/ml



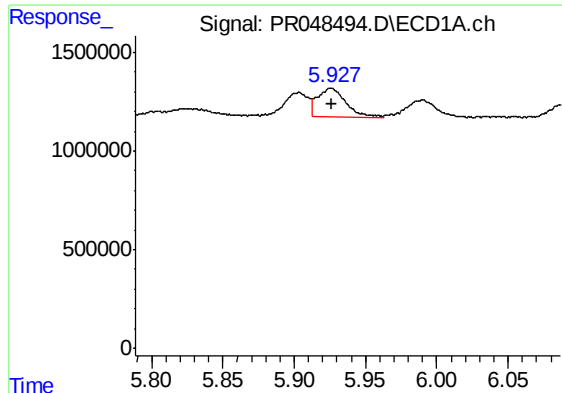
#16 AR-1242-1

R.T.: 5.903 min
Delta R.T.: 0.000 min
Response: 1539946
Conc: 24.07 ng/ml



#16 AR-1242-1

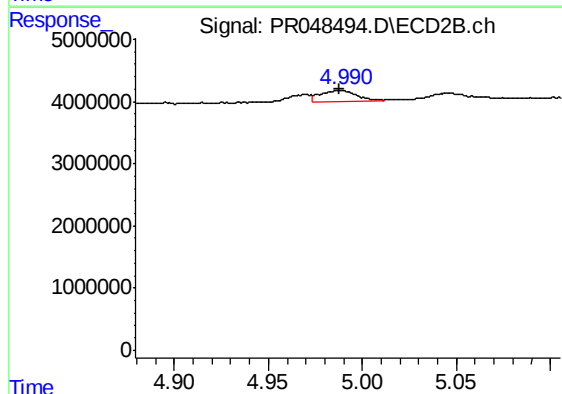
R.T.: 4.970 min
Delta R.T.: 0.000 min
Response: 990655
Conc: 18.08 ng/ml



#17 AR-1242-2

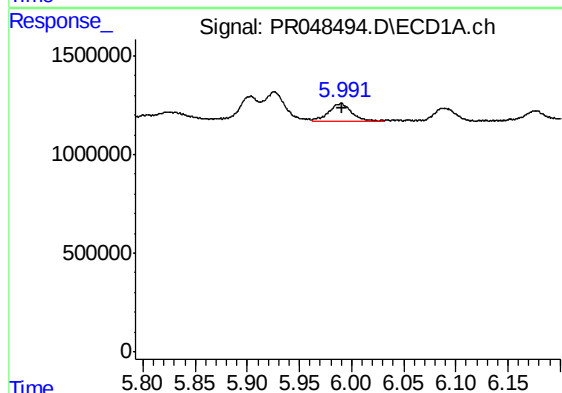
R.T.: 5.926 min
Delta R.T.: 0.000 min
Response: 2024504
Conc: 22.24 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020



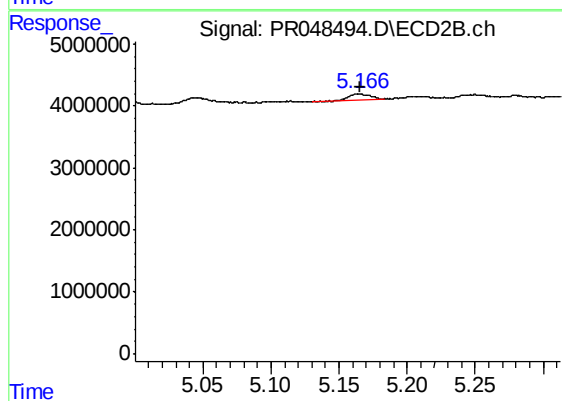
#17 AR-1242-2

R.T.: 4.989 min
Delta R.T.: 0.002 min
Response: 2171957
Conc: 18.66 ng/ml



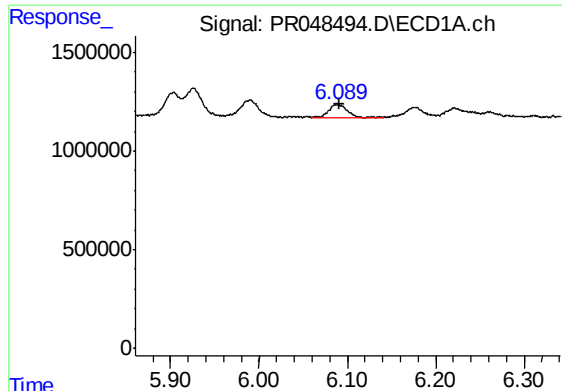
#18 AR-1242-3

R.T.: 5.990 min
Delta R.T.: 0.000 min
Response: 1284731
Conc: 23.08 ng/ml



#18 AR-1242-3

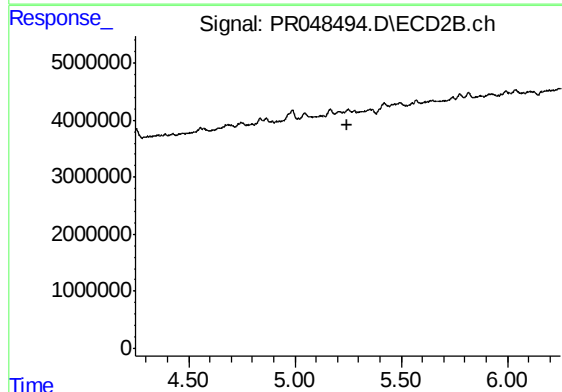
R.T.: 5.166 min
Delta R.T.: 0.000 min
Response: 1002060
Conc: 14.24 ng/ml



#19 AR-1242-4

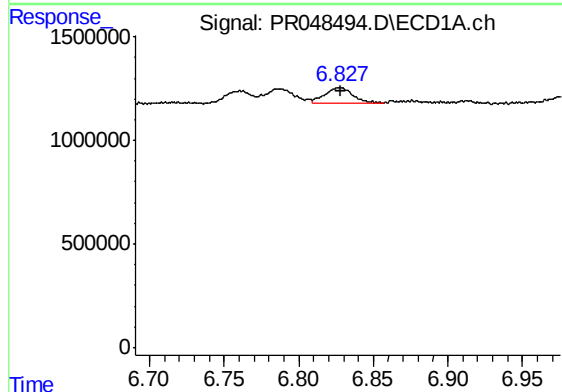
R.T.: 6.089 min
Delta R.T.: -0.002 min
Response: 881126
Conc: 19.31 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020



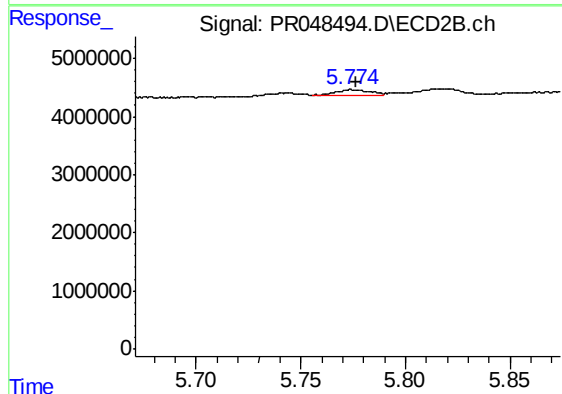
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 5.250 min
Response: 0
Conc: N.D.



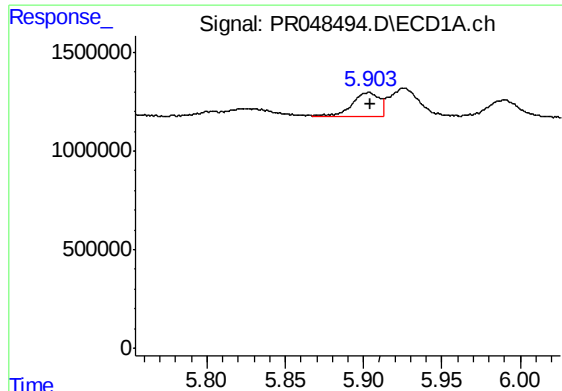
#20 AR-1242-5

R.T.: 6.827 min
Delta R.T.: -0.001 min
Response: 991212
Conc: 19.84 ng/ml



#20 AR-1242-5

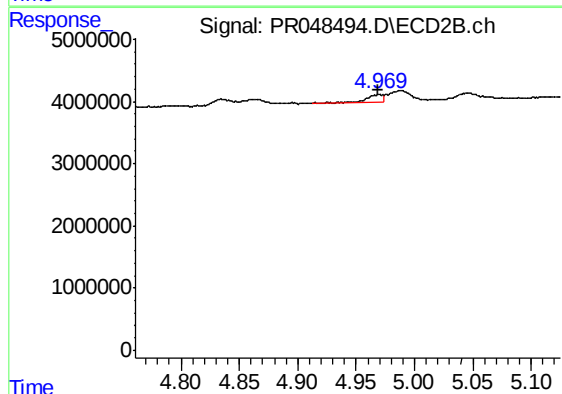
R.T.: 5.774 min
Delta R.T.: -0.002 min
Response: 1147049
Conc: 15.29 ng/ml



#21 AR-1248-1

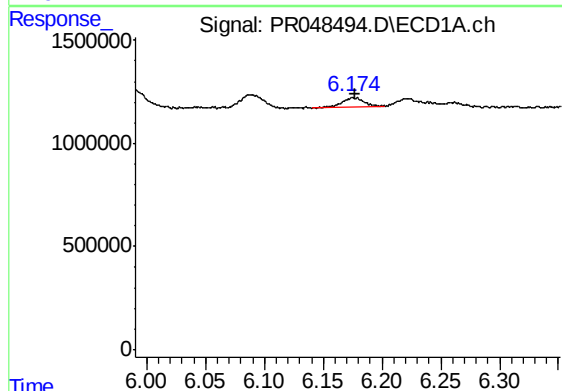
R.T.: 5.903 min
Delta R.T.: 0.000 min
Response: 1539946
Conc: 31.99 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020



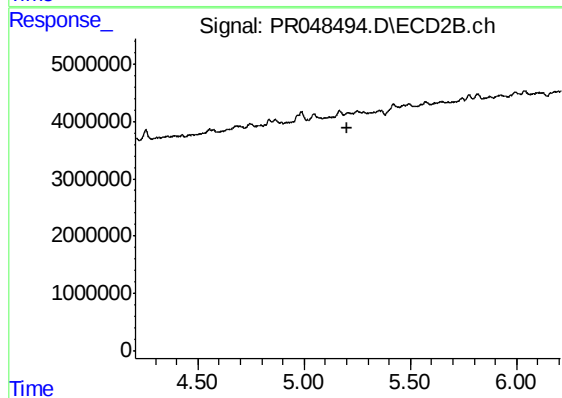
#21 AR-1248-1

R.T.: 4.970 min
Delta R.T.: 0.000 min
Response: 990655
Conc: 22.57 ng/ml



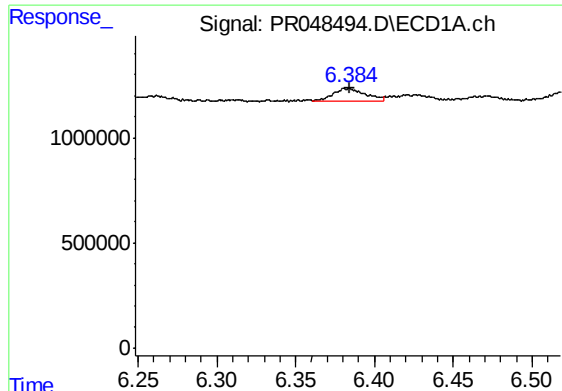
#22 AR-1248-2

R.T.: 6.176 min
Delta R.T.: -0.001 min
Response: 569701
Conc: 8.44 ng/ml



#22 AR-1248-2

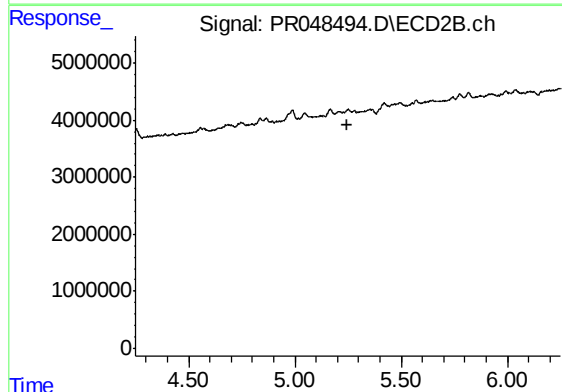
R.T.: 0.000 min
Exp R.T. : 5.206 min
Response: 0
Conc: N.D.



#23 AR-1248-3

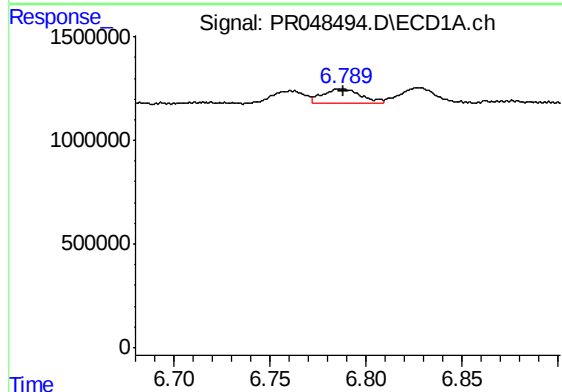
R.T.: 6.383 min
Delta R.T.: -0.001 min
Response: 815562
Conc: 10.88 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020



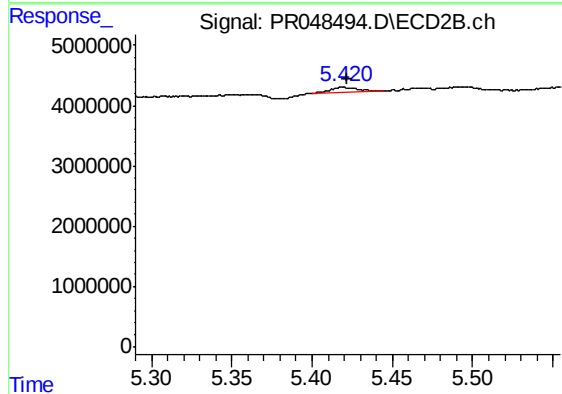
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 5.249 min
Response: 0
Conc: N.D.



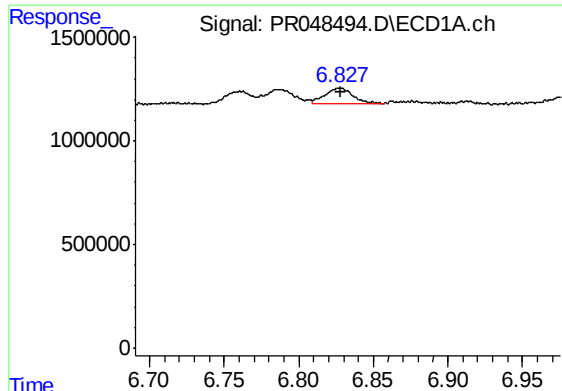
#24 AR-1248-4

R.T.: 6.787 min
Delta R.T.: -0.001 min
Response: 995419
Conc: 11.43 ng/ml



#24 AR-1248-4

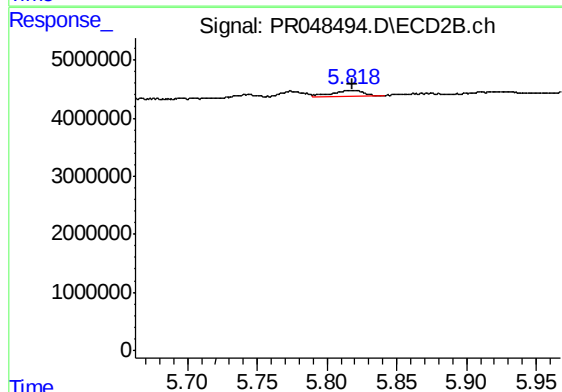
R.T.: 5.420 min
Delta R.T.: -0.002 min
Response: 1015863
Conc: 11.26 ng/ml



#25 AR-1248-5

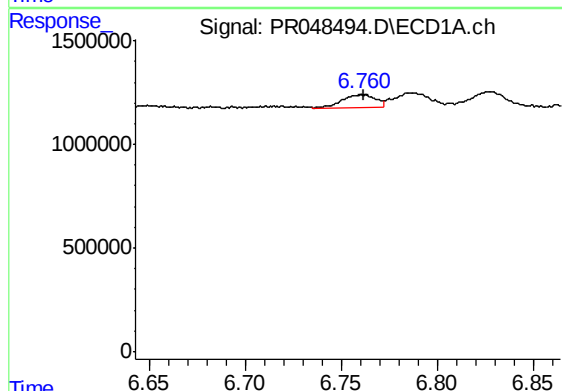
R.T.: 6.827 min
Delta R.T.: -0.001 min
Response: 991212
Conc: 11.82 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020



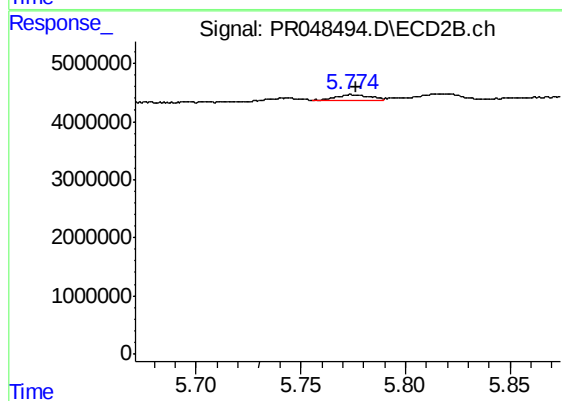
#25 AR-1248-5

R.T.: 5.814 min
Delta R.T.: -0.004 min
Response: 1493883
Conc: 10.82 ng/ml



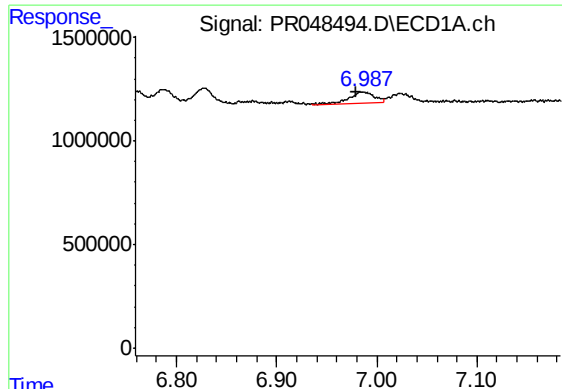
#26 AR-1254-1

R.T.: 6.761 min
Delta R.T.: -0.001 min
Response: 763542
Conc: 8.70 ng/ml



#26 AR-1254-1

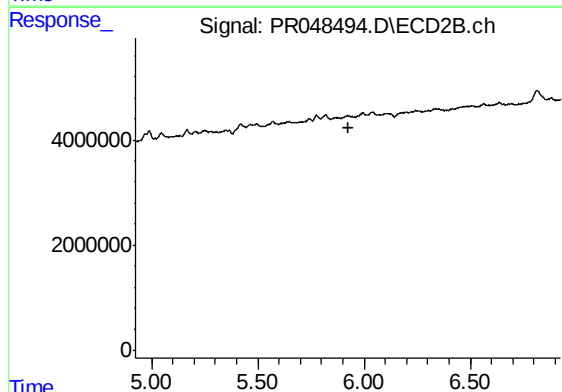
R.T.: 5.774 min
Delta R.T.: -0.002 min
Response: 1147049
Conc: 7.43 ng/ml



#27 AR-1254-2

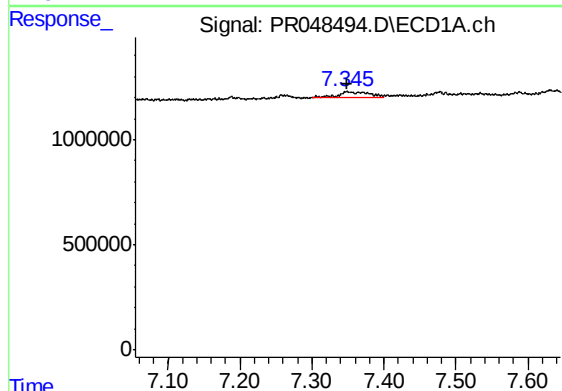
R.T.: 6.986 min
Delta R.T.: 0.007 min
Response: 995738
Conc: 7.53 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020



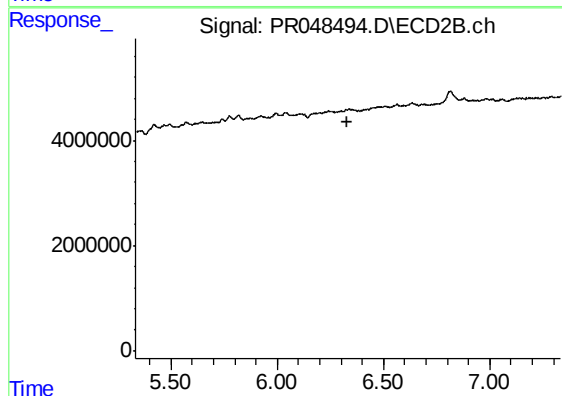
#27 AR-1254-2

R.T.: 0.000 min
Exp R.T. : 5.924 min
Response: 0
Conc: N.D.



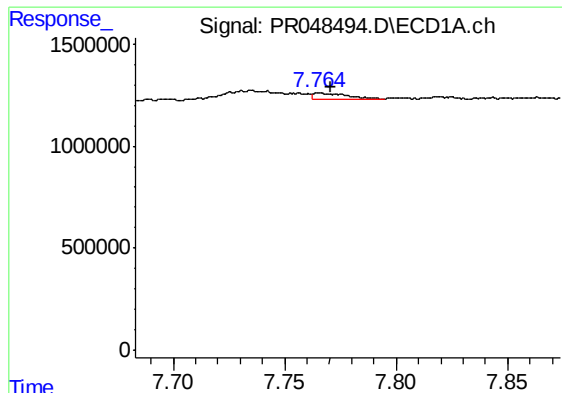
#28 AR-1254-3

R.T.: 7.348 min
Delta R.T.: -0.002 min
Response: 765607
Conc: 5.47 ng/ml



#28 AR-1254-3

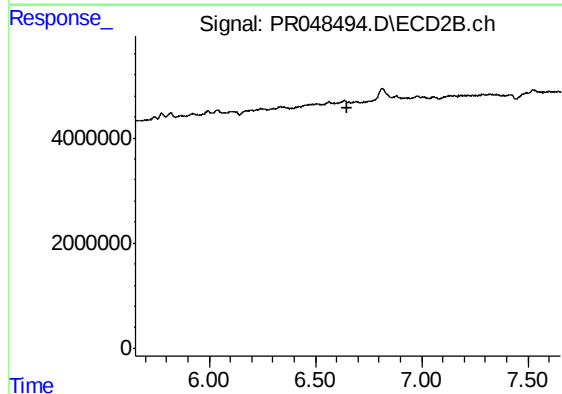
R.T.: 0.000 min
Exp R.T. : 6.332 min
Response: 0
Conc: N.D.



#32 AR-1260-2

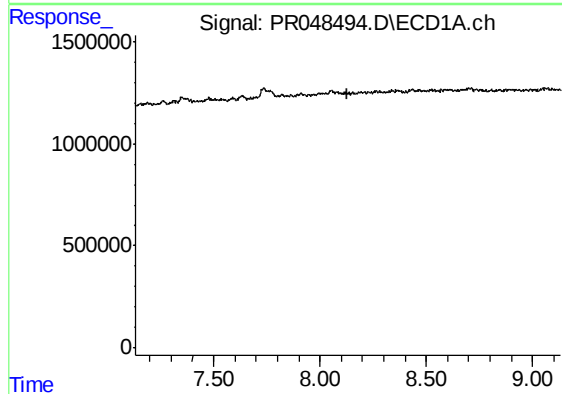
R.T.: 7.765 min
Delta R.T.: -0.005 min
Response: 331895
Conc: 2.36 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020



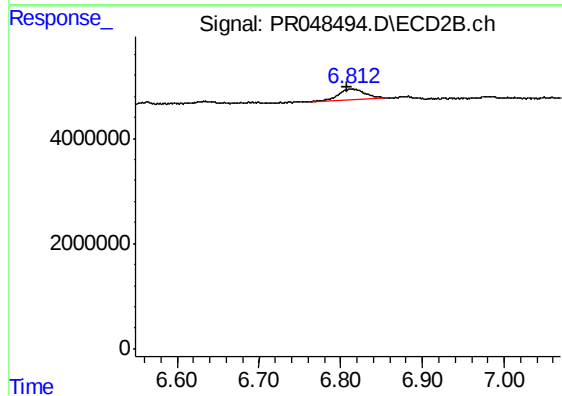
#32 AR-1260-2

R.T.: 0.000 min
Exp R.T. : 6.653 min
Response: 0
Conc: N.D.



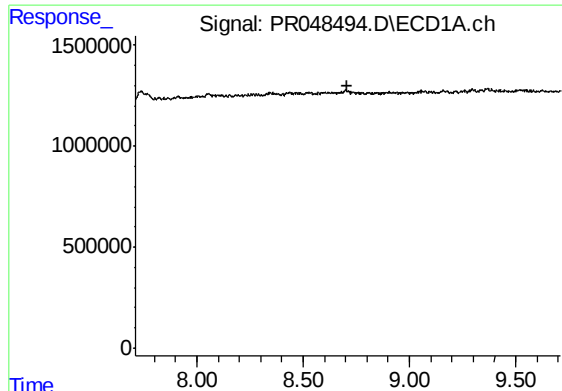
#33 AR-1260-3

R.T.: 0.000 min
Exp R.T. : 8.132 min
Response: 0
Conc: N.D.



#33 AR-1260-3

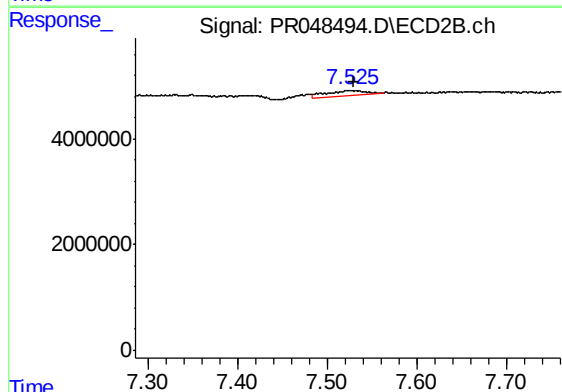
R.T.: 6.813 min
Delta R.T.: 0.004 min
Response: 4457822
Conc: 10.43 ng/ml



#35 AR-1260-5

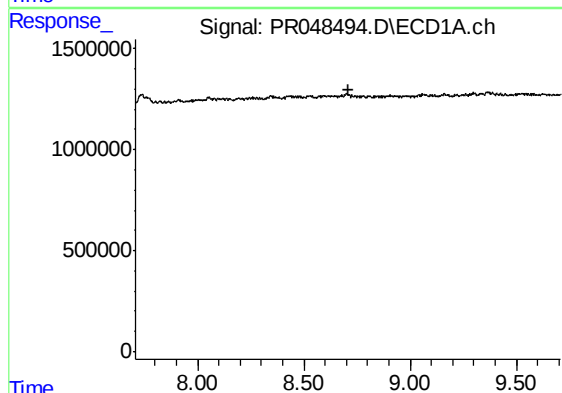
R.T.: 0.000 min
Exp R.T. : 8.710 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020



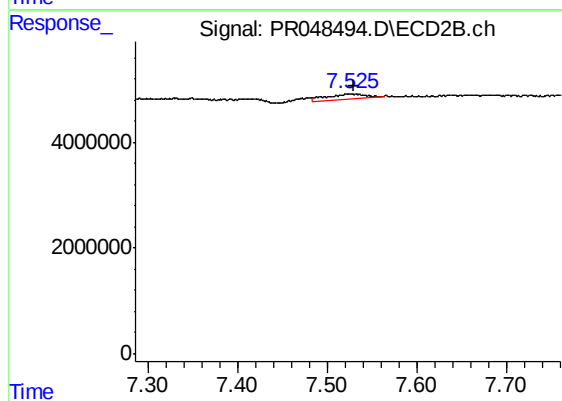
#35 AR-1260-5

R.T.: 7.526 min
Delta R.T.: -0.004 min
Response: 2767599
Conc: 1.36 ng/ml



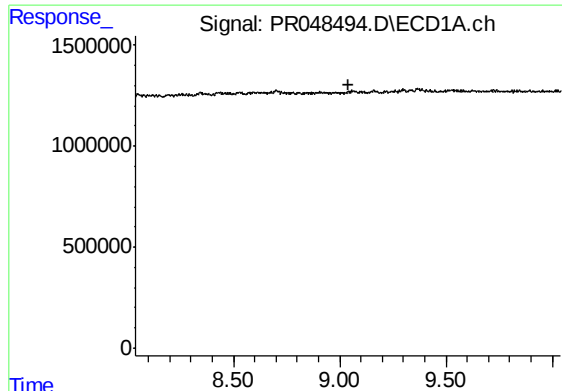
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T. : 8.708 min
Response: 0
Conc: N.D.



#37 AR-1262-2

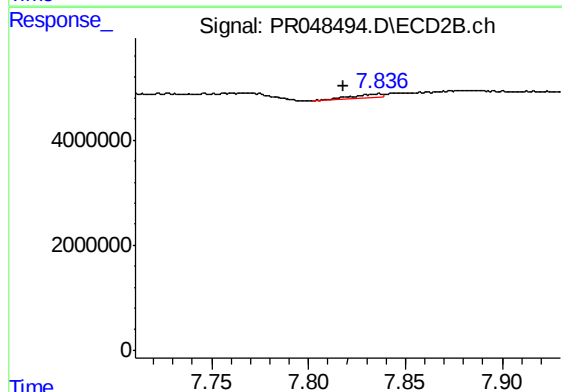
R.T.: 7.526 min
Delta R.T.: -0.004 min
Response: 2767599
Conc: 1.35 ng/ml



#38 AR-1262-3

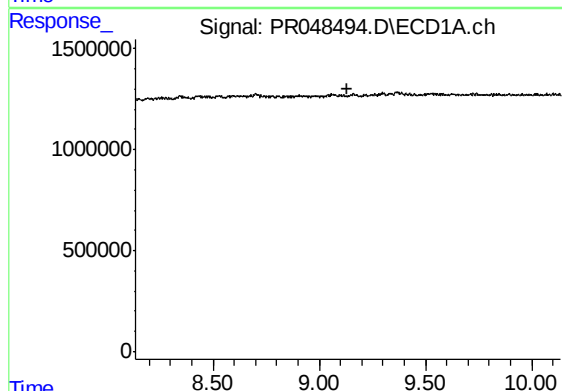
R.T.: 0.000 min
Exp R.T. : 9.039 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020



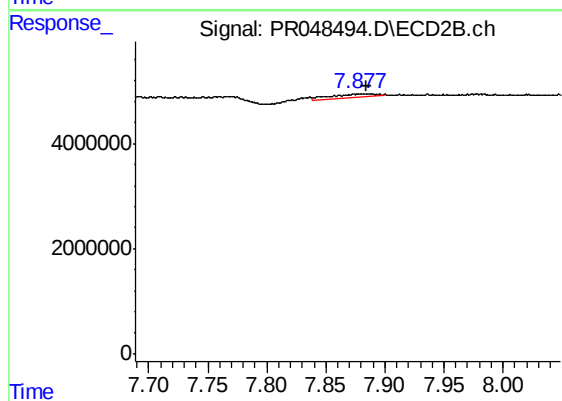
#38 AR-1262-3

R.T.: 7.836 min
Delta R.T.: 0.018 min
Response: 902985
Conc: 1.13 ng/ml



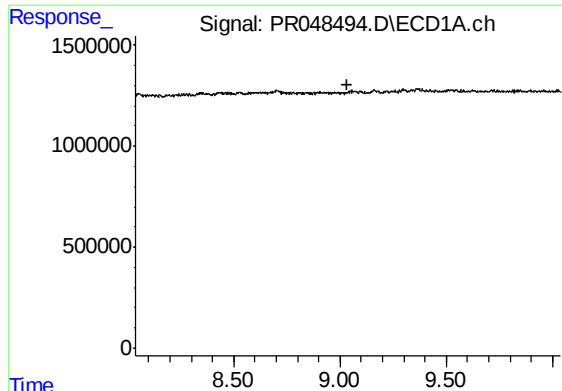
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 9.135 min
Response: 0
Conc: N.D.



#39 AR-1262-4

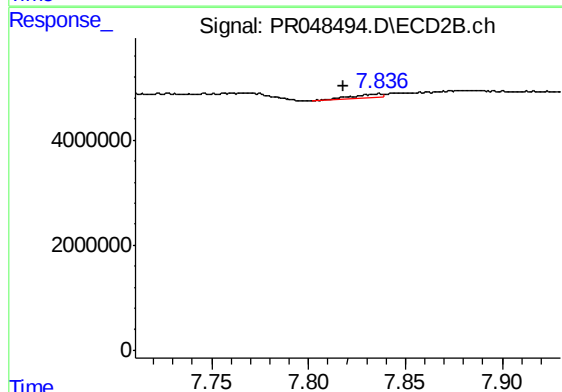
R.T.: 7.878 min
Delta R.T.: -0.006 min
Response: 1817146
Conc: 1.33 ng/ml



#41 AR-1268-1

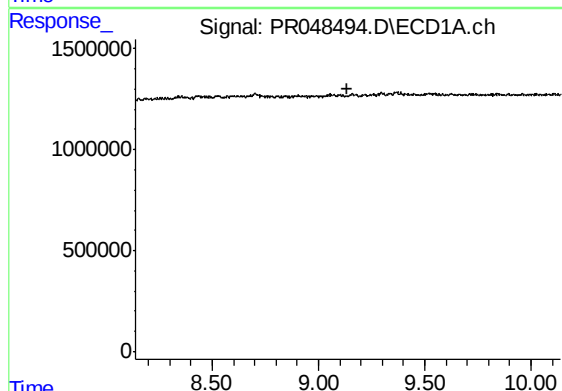
R.T.: 0.000 min
Exp R.T. : 9.037 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020



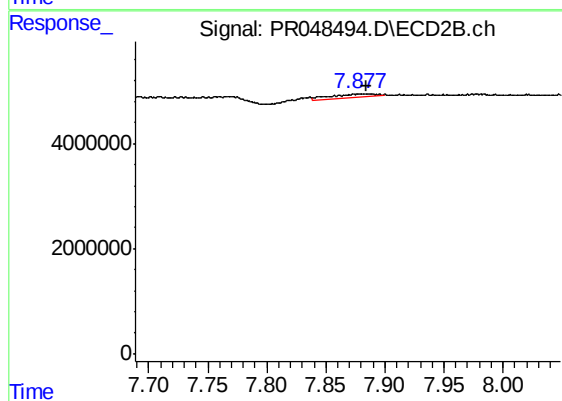
#41 AR-1268-1

R.T.: 7.836 min
Delta R.T.: 0.018 min
Response: 902985
Conc: 0.35 ng/ml



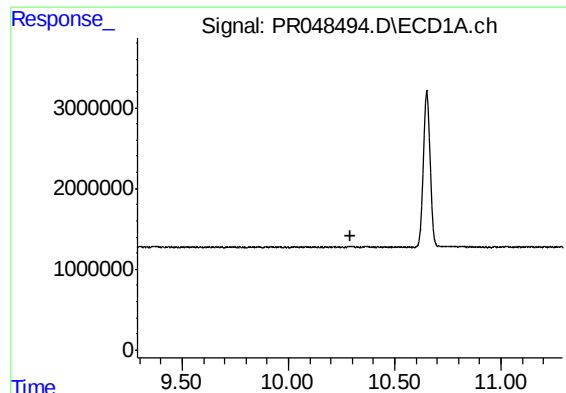
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 9.138 min
Response: 0
Conc: N.D.



#42 AR-1268-2

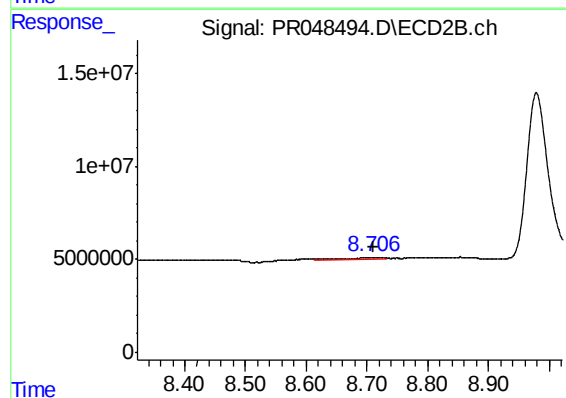
R.T.: 7.878 min
Delta R.T.: -0.006 min
Response: 1817146
Conc: 0.80 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 10.289 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020



#45 AR-1268-5

R.T.: 8.707 min
Delta R.T.: -0.003 min
Response: 4052470
Conc: 0.72 ng/ml