

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS042125\
 Data File : PS029895.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Apr 2025 01:18
 Operator : AR\AJ
 Sample : Q1830-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 SOIL-1

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 22 03:51:24 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS040225.M
 Quant Title : 8080.M
 QLast Update : Wed Apr 02 23:52:55 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 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							
4) S	2,4-DCAA	6.945	7.472	320.0E6	105.6E6	156.974	154.995
Target Compounds							
1) T	Dalapon	2.422f	2.505f	168.6E6	165.3E6	49.712	104.128 #
2) T	3,5-DICHL...	6.161	6.463	61338069	281870	20.393	<MDL #
3) T	4-Nitroph...	6.766	6.981f	20449570	25907072	14.557	36.540 #
5) T	DICAMBA	7.138	7.640	10894806	18236495	1.309	4.938 #
6) T	MCPD	7.297	7.751	65060724	30199598	12.004	17.886 #
7) T	MCPA	7.457	7.978	25358836	111.3E6	3.489	48.934 #
8) T	DICHLORPROP	7.830	8.375	81555743	132.8E6	37.080	137.486 #
9) T	2,4-D	8.041	8.635f	87679737	15433211	36.388	14.310 #
10) T	Pentachlo...	8.279f	9.159	173.4E6	14834362	5.705	<MDL #
11) T	2,4,5-TP ...	8.862f	9.581f	7104041	39461512	<MDL	5.471 #
12) T	2,4,5-T	9.135f	9.985f	16955892	37214514	1.474	5.552 #
13) T	2,4-DB	9.732	10.472f	-220593524	169.3E6	N.D.	228.191
14) T	DINOSEB	10.895	10.854f	449.2E6	558.6E6	53.215	109.248 #
15) T	Picloram	10.691	11.940	180.2E6	117.4E6	11.626	9.927
16) T	DCPA	11.173	11.940f	83476761	117.4E6	5.977	13.263 #

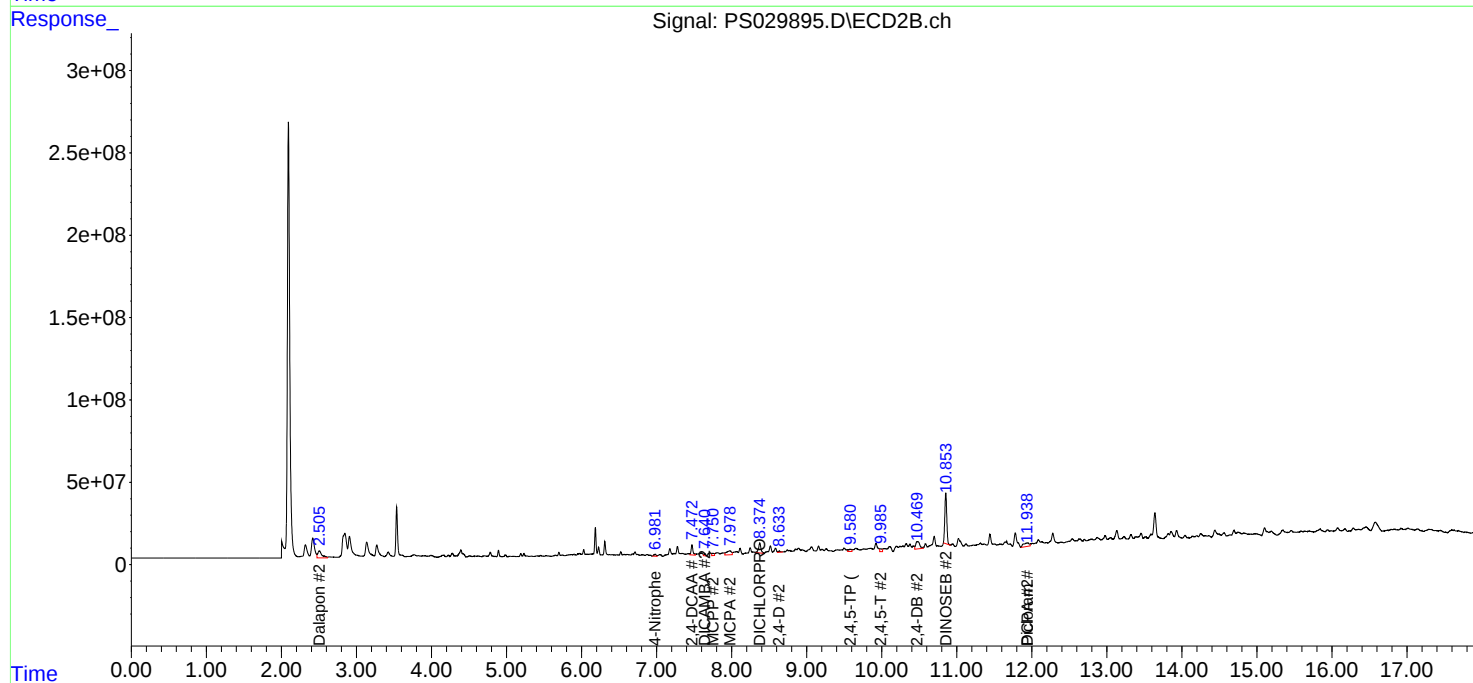
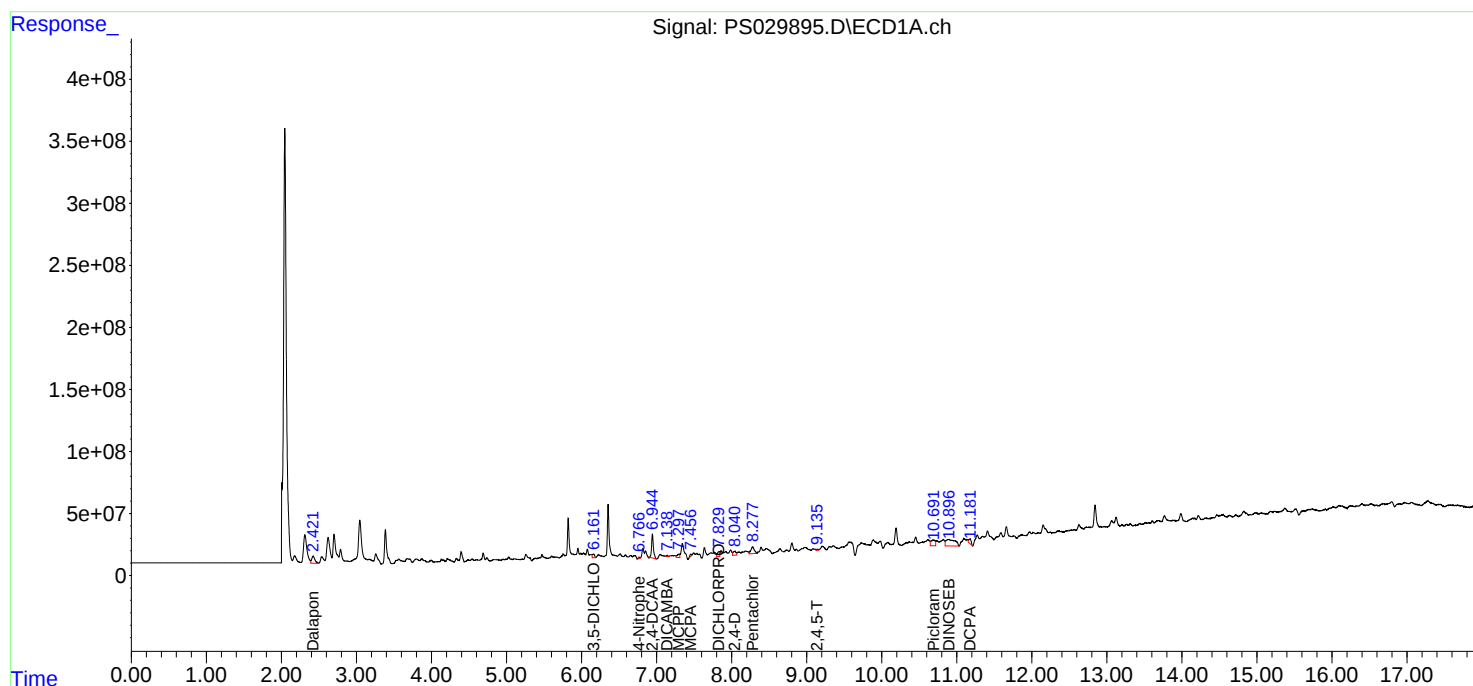
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

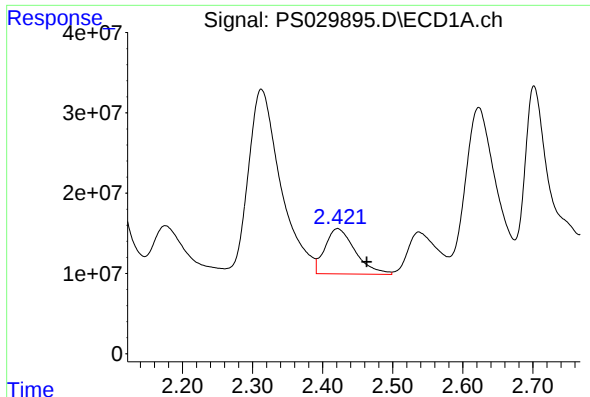
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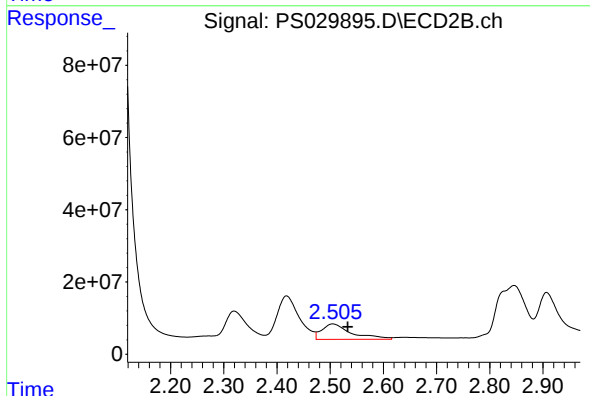




#1 Dalapon

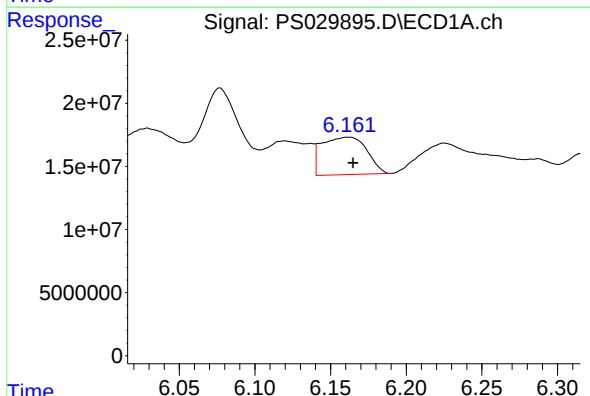
R.T.: 2.422 min
Delta R.T.: -0.041 min
Response: 168643094
Conc: 49.71 ng/ml

Instrument :
ECD_S
ClientSampleId :
SOIL-1



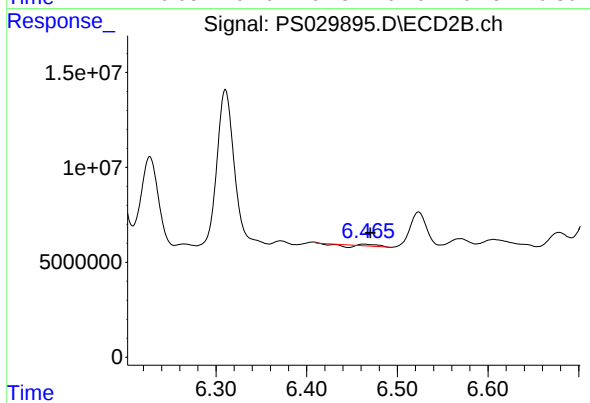
#1 Dalapon

R.T.: 2.505 min
Delta R.T.: -0.028 min
Response: 165312452
Conc: 104.13 ng/ml



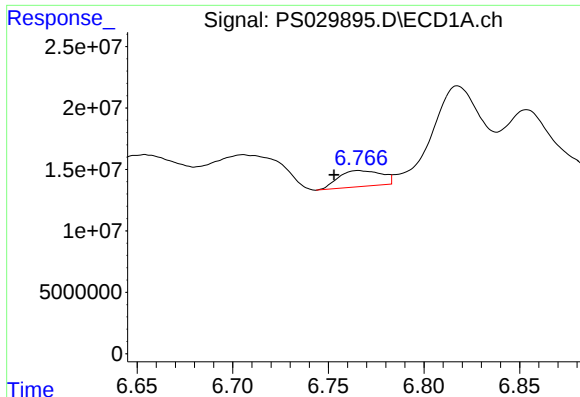
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.161 min
Delta R.T.: -0.004 min
Response: 61338069
Conc: 20.39 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

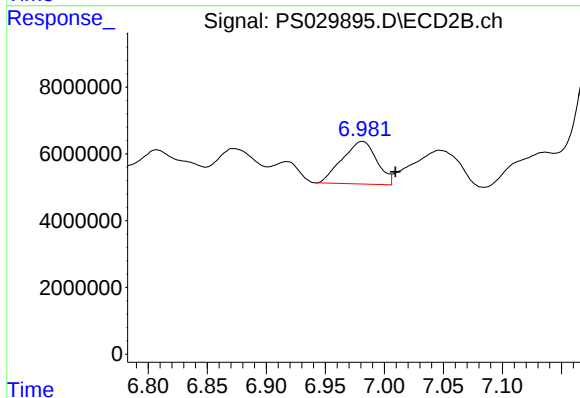
R.T.: 6.463 min
Delta R.T.: -0.007 min
Response: 281870
Conc: N.D.



#3 4-Nitrophenol

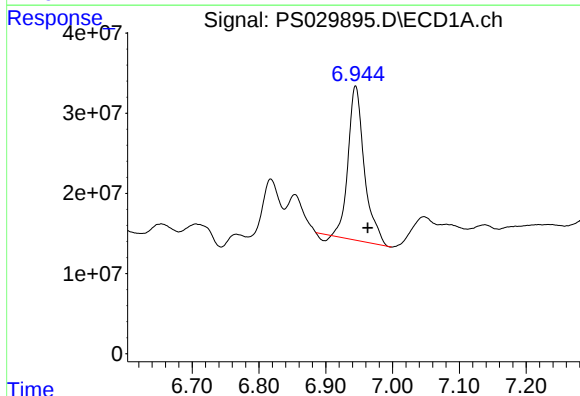
R.T.: 6.766 min
Delta R.T.: 0.013 min
Response: 20449570
Conc: 14.56 ng/ml

Instrument :
ECD_S
ClientSampleId :
SOIL-1



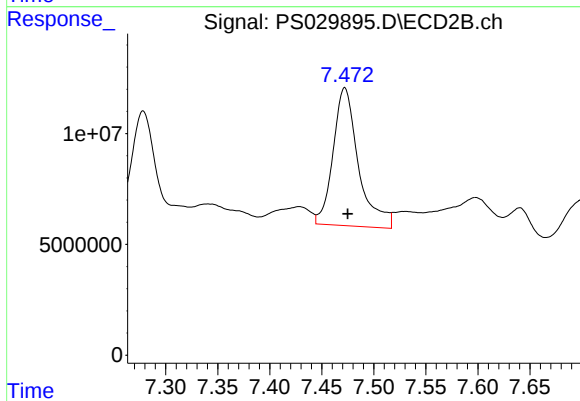
#3 4-Nitrophenol

R.T.: 6.981 min
Delta R.T.: -0.028 min
Response: 25907072
Conc: 36.54 ng/ml



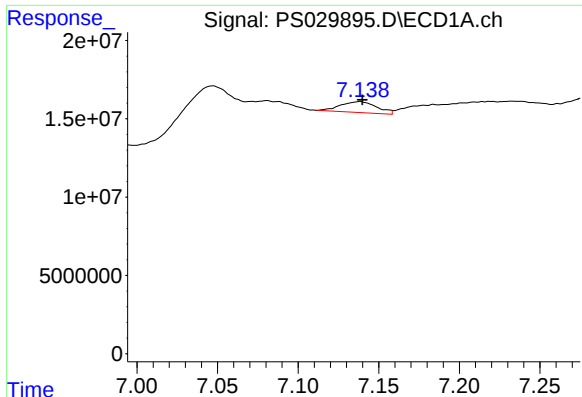
#4 2,4-DCAA

R.T.: 6.945 min
Delta R.T.: -0.018 min
Response: 320043314
Conc: 156.97 ng/ml



#4 2,4-DCAA

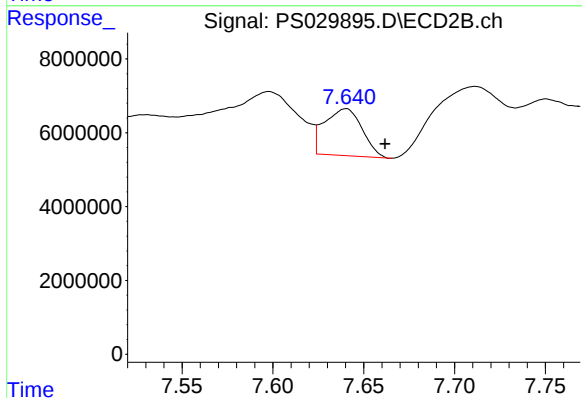
R.T.: 7.472 min
Delta R.T.: -0.003 min
Response: 105631221
Conc: 155.00 ng/ml



#5 DICAMBA

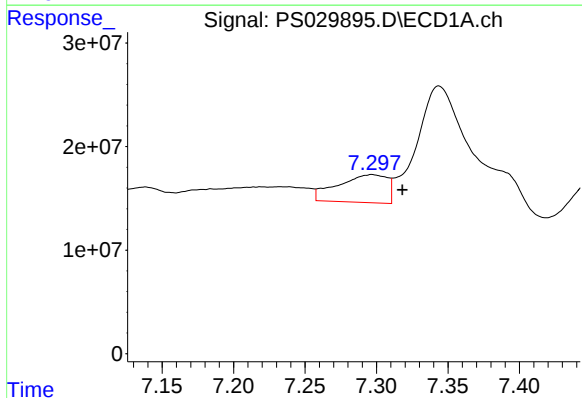
R.T.: 7.138 min
Delta R.T.: -0.002 min
Response: 10894806
Conc: 1.31 ng/ml

Instrument :
ECD_S
ClientSampleId :
SOIL-1



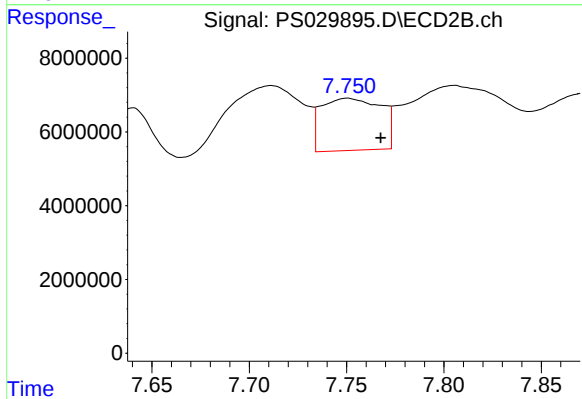
#5 DICAMBA

R.T.: 7.640 min
Delta R.T.: -0.022 min
Response: 18236495
Conc: 4.94 ng/ml



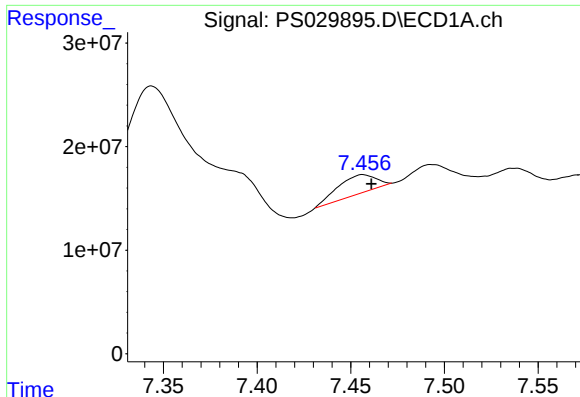
#6 MCP

R.T.: 7.297 min
Delta R.T.: -0.021 min
Response: 65060724
Conc: 12.00 ug/ml



#6 MCP

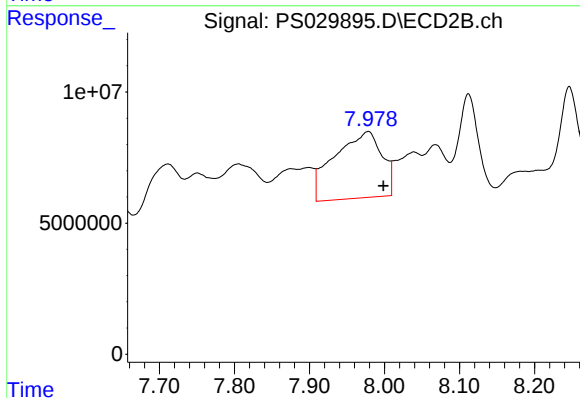
R.T.: 7.751 min
Delta R.T.: -0.017 min
Response: 30199598
Conc: 17.89 ug/ml



#7 MCPA

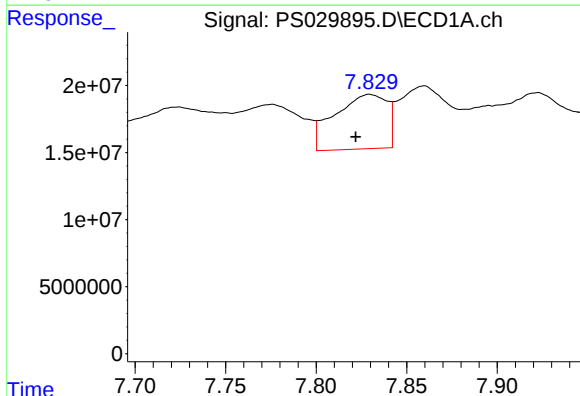
R.T.: 7.457 min
Delta R.T.: -0.004 min
Response: 25358836
Conc: 3.49 ug/ml

Instrument :
ECD_S
ClientSampleId :
SOIL-1



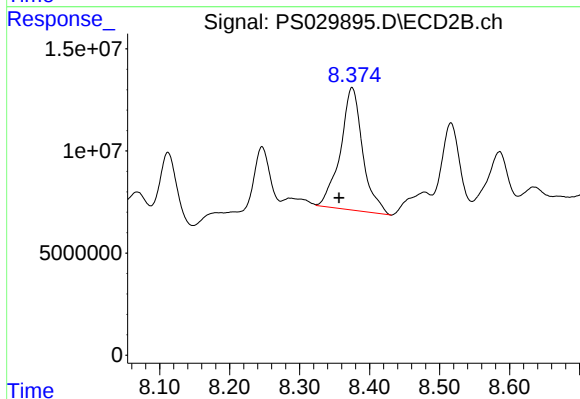
#7 MCPA

R.T.: 7.978 min
Delta R.T.: -0.021 min
Response: 111336677
Conc: 48.93 ug/ml



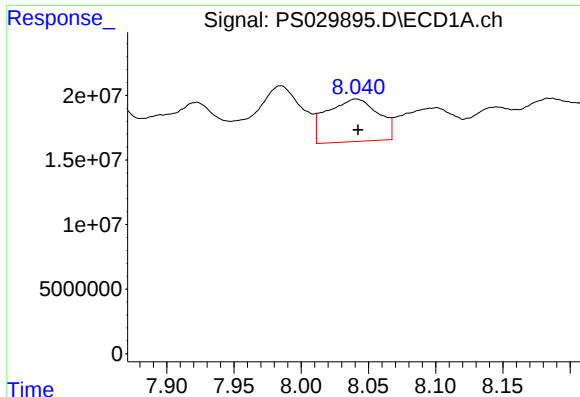
#8 DICHLORPROP

R.T.: 7.830 min
Delta R.T.: 0.008 min
Response: 81555743
Conc: 37.08 ng/ml



#8 DICHLORPROP

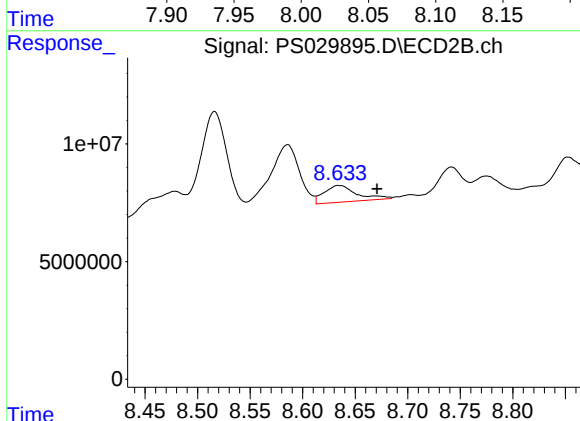
R.T.: 8.375 min
Delta R.T.: 0.019 min
Response: 132832450
Conc: 137.49 ng/ml



#9 2,4-D

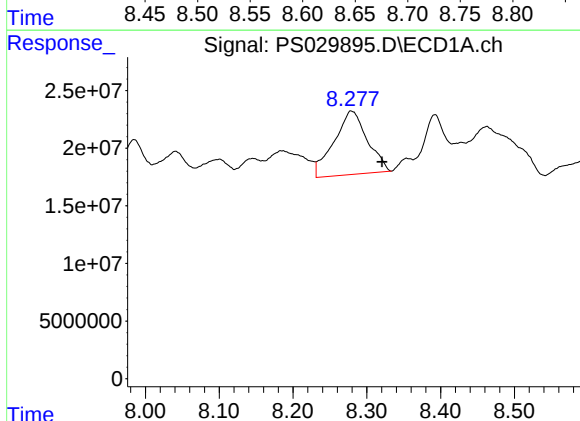
R.T.: 8.041 min
Delta R.T.: -0.001 min
Response: 87679737
Conc: 36.39 ng/ml

Instrument :
ECD_S
ClientSampleId :
SOIL-1



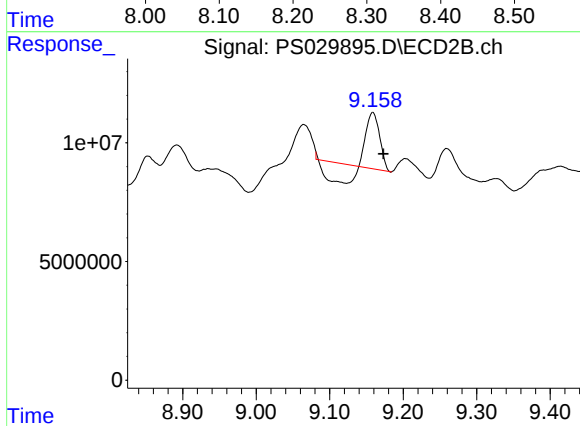
#9 2,4-D

R.T.: 8.635 min
Delta R.T.: -0.036 min
Response: 15433211
Conc: 14.31 ng/ml



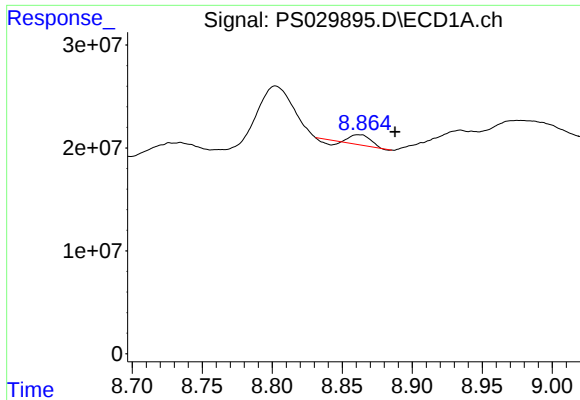
#10 Pentachlorophenol

R.T.: 8.279 min
Delta R.T.: -0.041 min
Response: 173448859
Conc: 5.70 ng/ml



#10 Pentachlorophenol

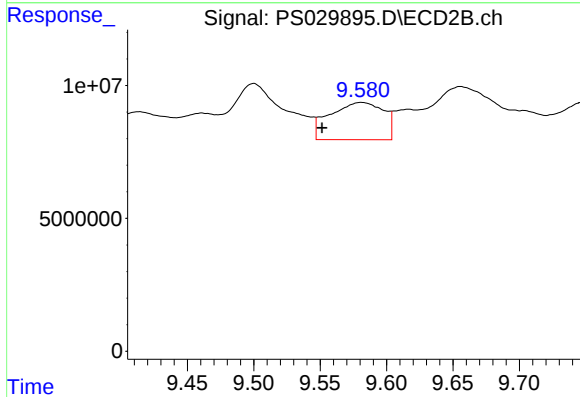
R.T.: 9.159 min
Delta R.T.: -0.015 min
Response: 14834362
Conc: N.D.



#11 2,4,5-TP (SILVEX)

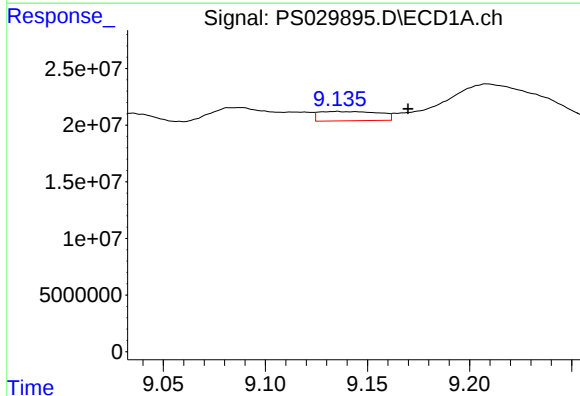
R.T.: 8.862 min
Delta R.T.: -0.026 min
Response: 7104041
Conc: N.D.

Instrument :
ECD_S
ClientSampleId :
SOIL-1



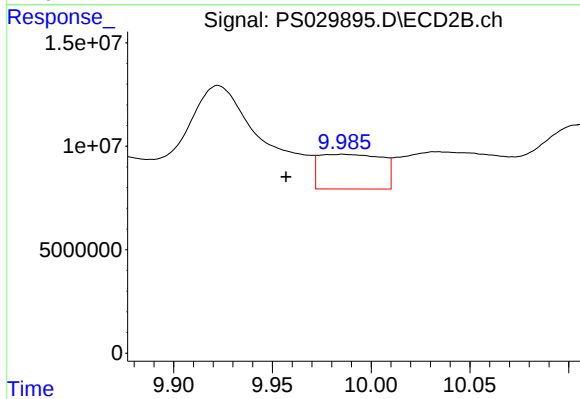
#11 2,4,5-TP (SILVEX)

R.T.: 9.581 min
Delta R.T.: 0.030 min
Response: 39461512
Conc: 5.47 ng/ml



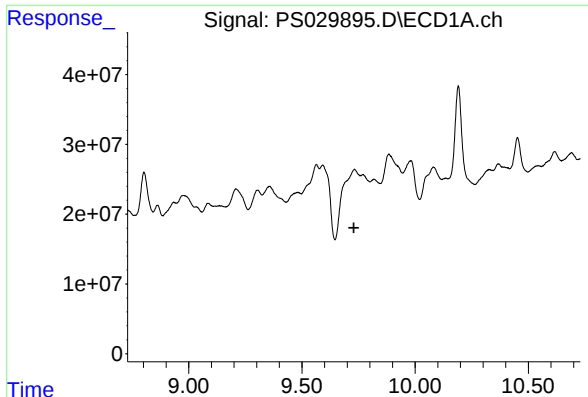
#12 2,4,5-T

R.T.: 9.135 min
Delta R.T.: -0.035 min
Response: 16955892
Conc: 1.47 ng/ml



#12 2,4,5-T

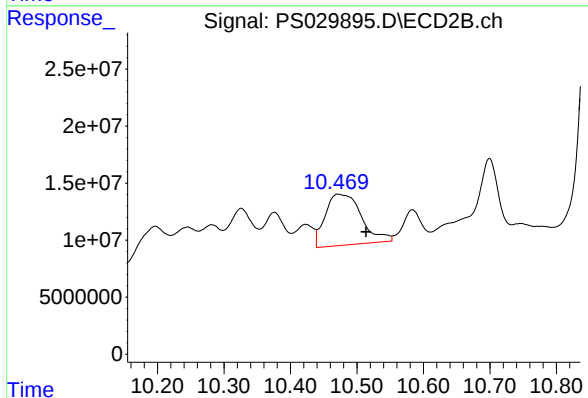
R.T.: 9.985 min
Delta R.T.: 0.028 min
Response: 37214514
Conc: 5.55 ng/ml



#13 2,4-DB

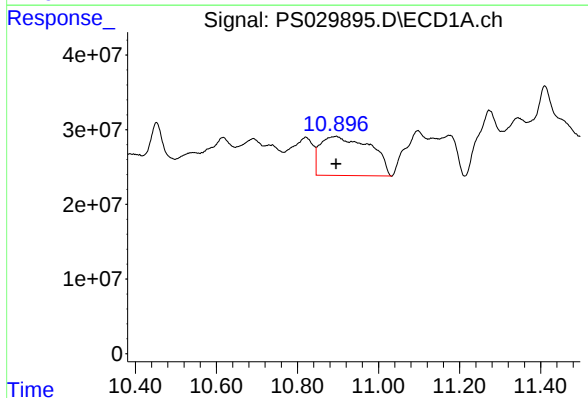
R.T.: 9.732 min
Delta R.T.: 0.003 min
Response: -220593524
Conc: N.D.

Instrument :
ECD_S
ClientSampleId :
SOIL-1



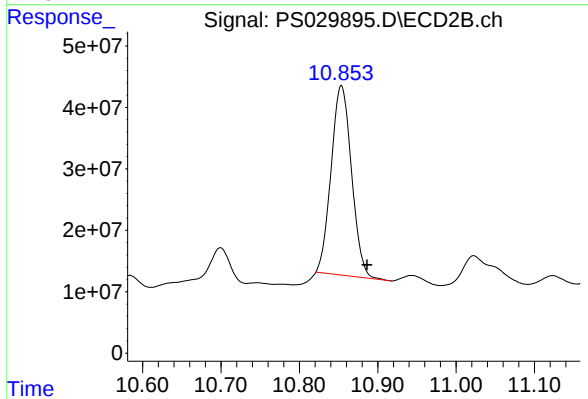
#13 2,4-DB

R.T.: 10.472 min
Delta R.T.: -0.041 min
Response: 169312385
Conc: 228.19 ng/ml



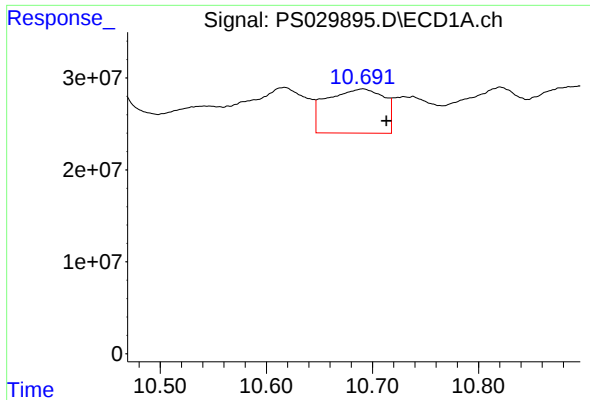
#14 DINOSEB

R.T.: 10.895 min
Delta R.T.: 0.000 min
Response: 449244441
Conc: 53.22 ng/ml



#14 DINOSEB

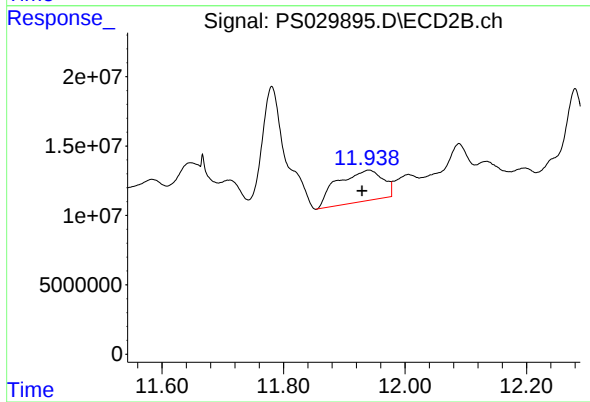
R.T.: 10.854 min
Delta R.T.: -0.033 min
Response: 558561993
Conc: 109.25 ng/ml



#15 Picloram

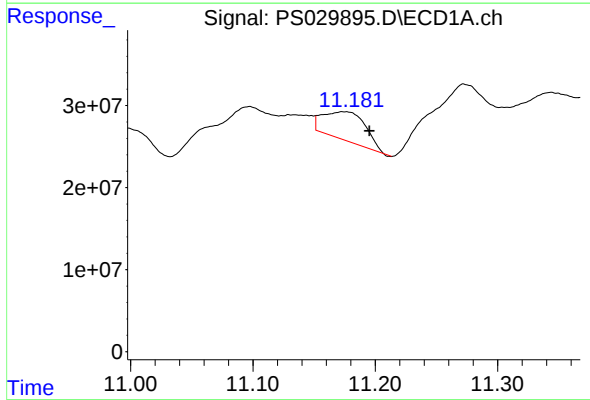
R.T.: 10.691 min
Delta R.T.: -0.022 min
Response: 180214062
Conc: 11.63 ng/ml

Instrument :
ECD_S
ClientSampleId :
SOIL-1



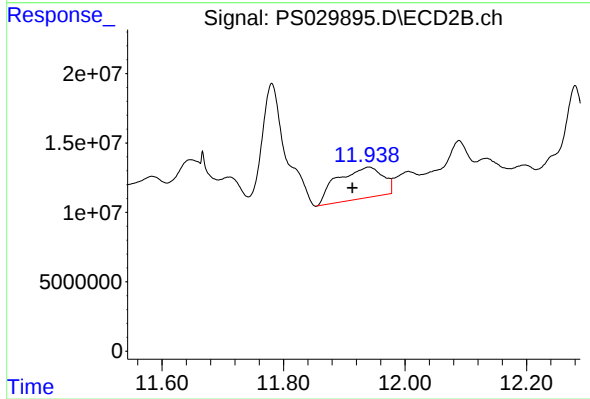
#15 Picloram

R.T.: 11.940 min
Delta R.T.: 0.011 min
Response: 117385463
Conc: 9.93 ng/ml



#16 DCPA

R.T.: 11.173 min
Delta R.T.: -0.022 min
Response: 83476761
Conc: 5.98 ng/ml



#16 DCPA

R.T.: 11.940 min
Delta R.T.: 0.027 min
Response: 117385463
Conc: 13.26 ng/ml