

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS061824\
 Data File : PS027023.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Jun 2024 18:28
 Operator : AR\AJ
 Sample : P2883-01MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 Soil/Gravel-SPMSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 06/19/2024
 Supervised By :Ankita Jodhani 06/19/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 19 01:40:45 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS061724.M
 Quant Title : 8080.M
 QLast Update : Tue Jun 18 02:58:29 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
4) S	2,4-DCAA	7.221	7.759	991.9E6	485.8E6	389.762	209.847 #
Target Compounds							
1) T	Dalapon	2.626	2.702	301.8E6	885.3E6	85.353m	199.966m#
2) T	3,5-DICHL...	6.396	6.709	675.4E6	557.3E6	167.718	165.903m
3) T	4-Nitroph...	7.023	7.286	236.3E6	246.9E6	133.692m	148.628m
5) T	DICAMBA	7.409	7.958	1954.4E6	1832.6E6	182.761	178.756m
6) T	MCPD	7.586	8.055	96874187	81367796	13.391	11.082
7) T	MCPA	7.732	8.299	186.8E6	163.4E6	18.050	15.700m
8) T	DICHLORPROP	8.109	8.672	403.1E6	350.5E6	146.487	132.533
9) T	2,4-D	8.336	9.002	893.3E6	594.3E6	300.602m	206.708 #
10) T	Pentachlo...	8.631	9.531	3781.5E6	3734.5E6	98.176	98.878
11) T	2,4,5-TP ...	9.207	9.904	1858.5E6	2003.3E6	124.509	130.566m
12) T	2,4,5-T	9.497	10.324	2229.4E6	2455.8E6	147.644	157.658
13) T	2,4-DB	10.067	10.888	230.5E6	300.7E6	107.979m	151.240m#
14) T	DINOSEB	11.269	11.268	227.7E6	213.6E6	21.196	20.004
15) T	Picloram	11.079	12.362	4032.0E6	4383.8E6	191.817	186.867
16) T	DCPA	11.560	12.310	3622.9E6	4480.4E6	191.161	241.539 #

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

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Acq On : 18 Jun 2024 18:28
Operator : AR\AJ
Sample : P2883-01MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

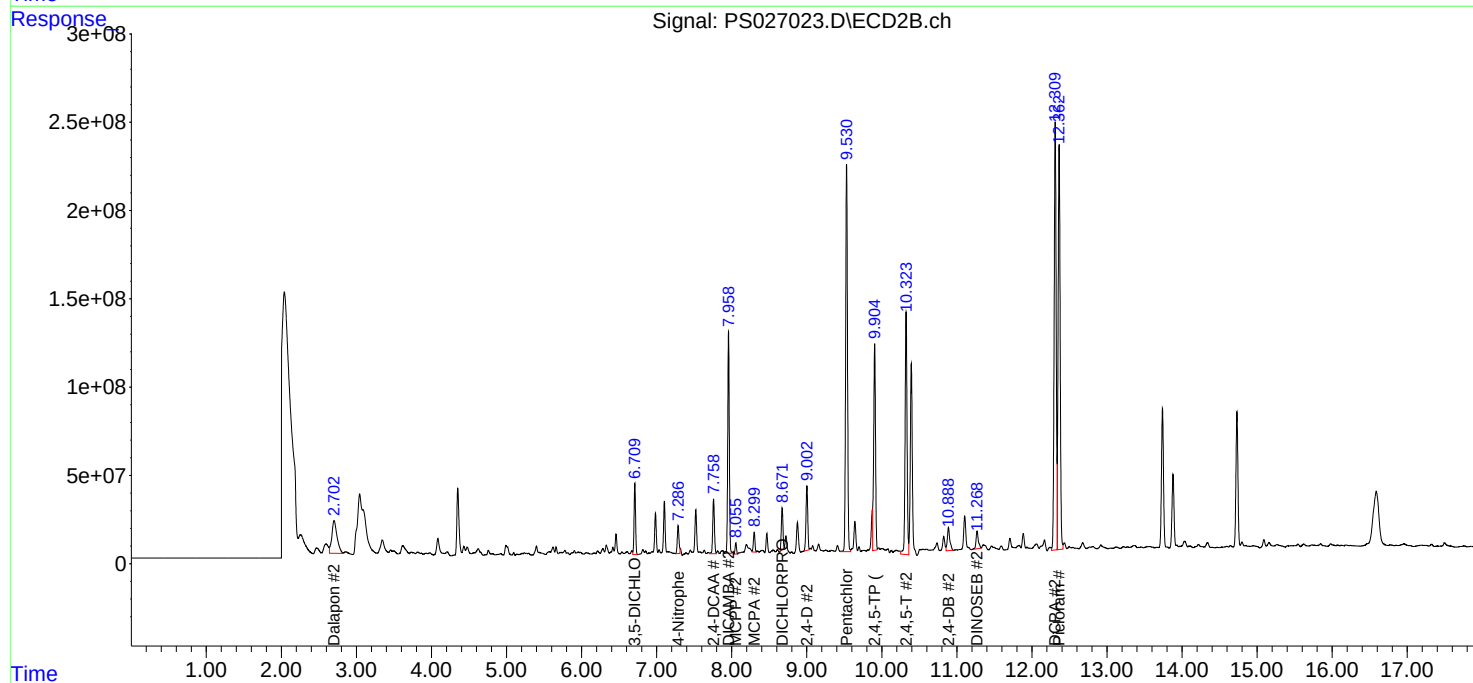
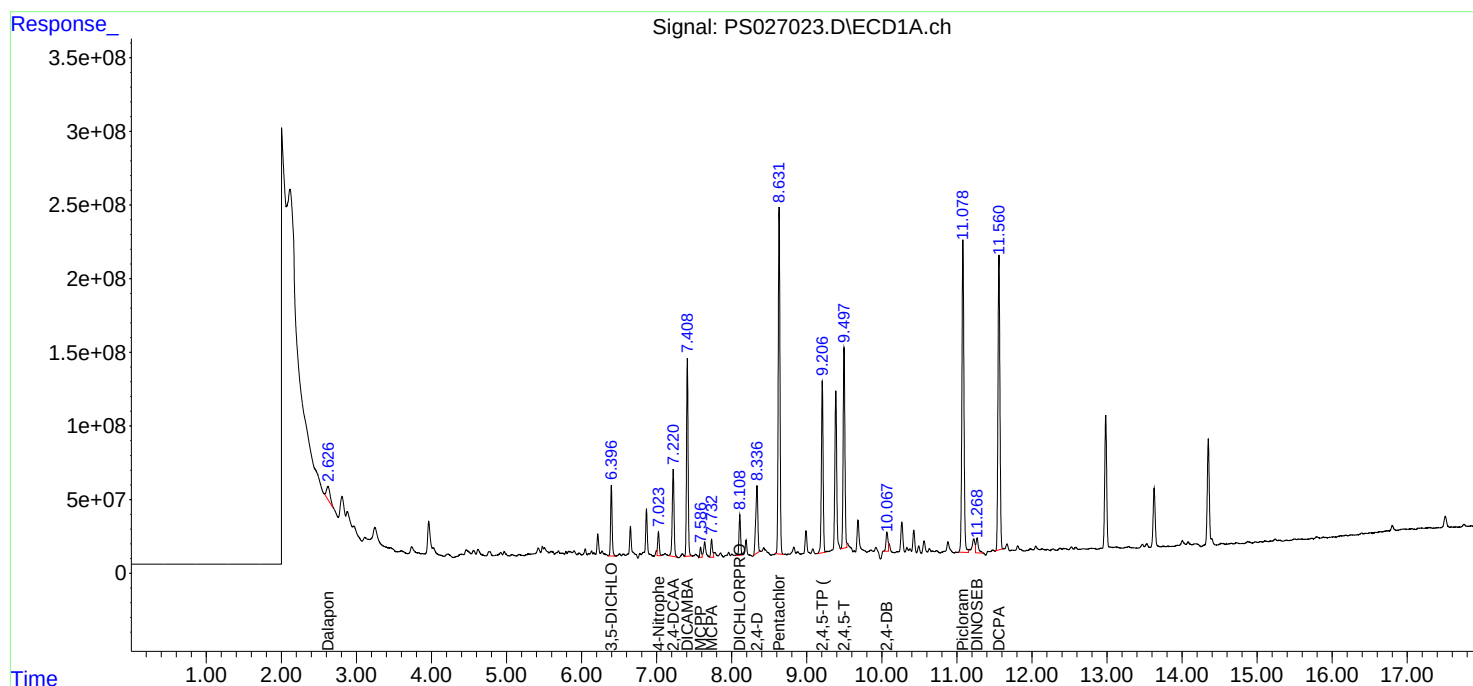
Instrument :
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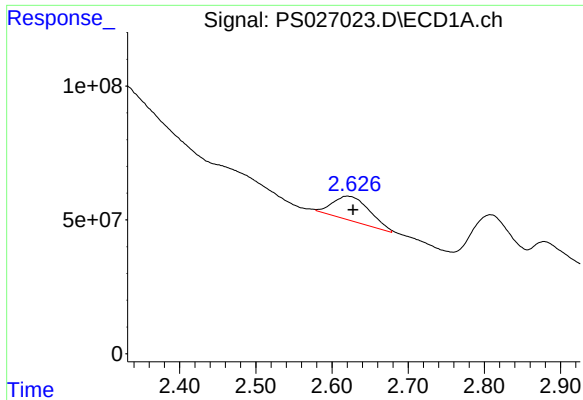
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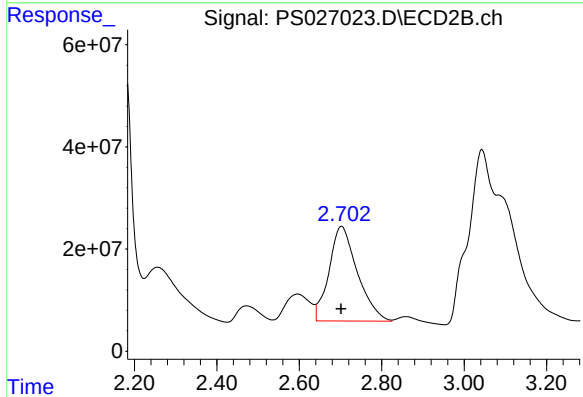
#1 Dalapon

R.T.: 2.626 min
Delta R.T.: -0.002 min
Response: 301806547
Conc: 85.35 ng/ml

Instrument :
ECD_S
ClientSampleId :
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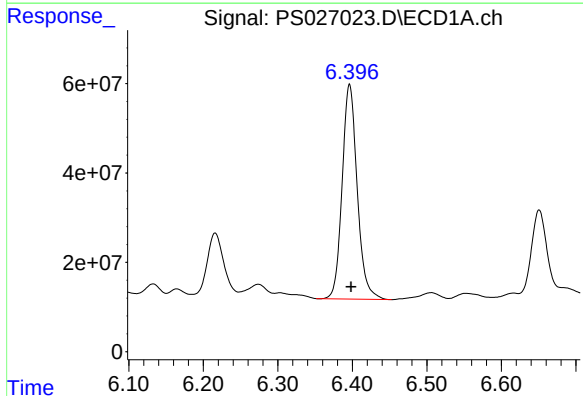
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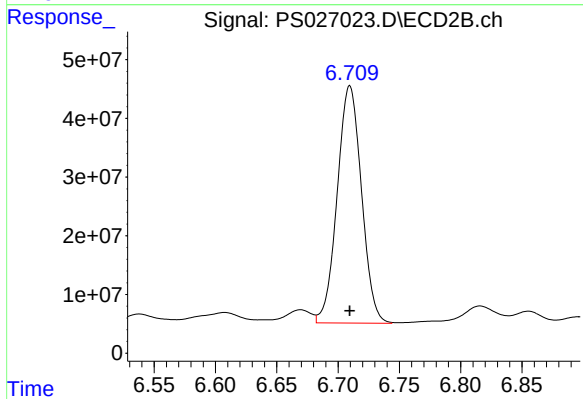
#1 Dalapon

R.T.: 2.702 min
Delta R.T.: 0.001 min
Response: 885325944
Conc: 199.97 ng/ml m



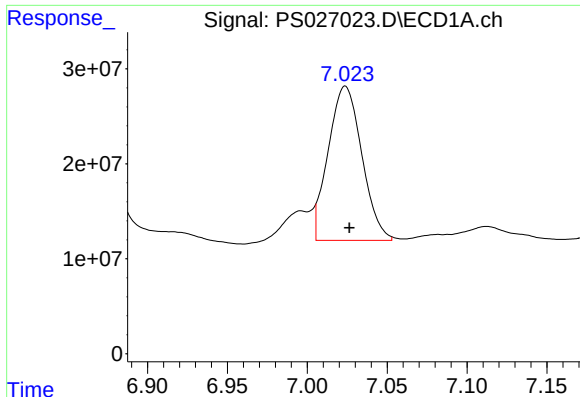
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.396 min
Delta R.T.: -0.002 min
Response: 675368930
Conc: 167.72 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.709 min
Delta R.T.: 0.000 min
Response: 557327770
Conc: 165.90 ng/ml m



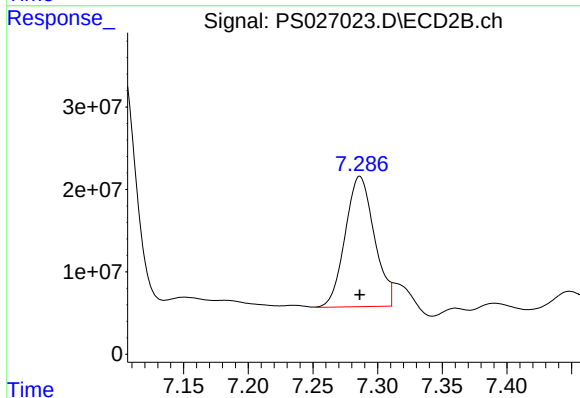
#3 4-Nitrophenol

R.T.: 7.023 min
Delta R.T.: -0.003 min
Response: 236273282
Conc: 133.69 ng/ml

Instrument :
ECD_S
ClientSampleId :
Soil/Gravel-SPMSD

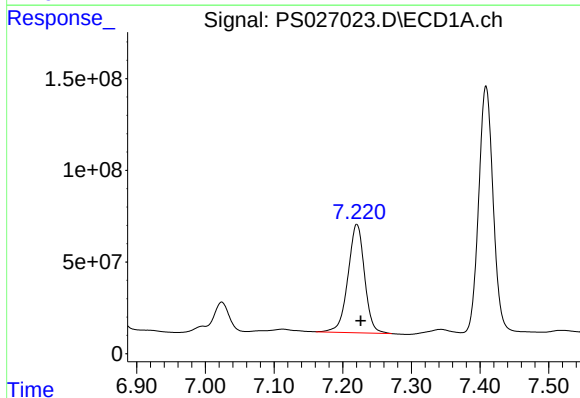
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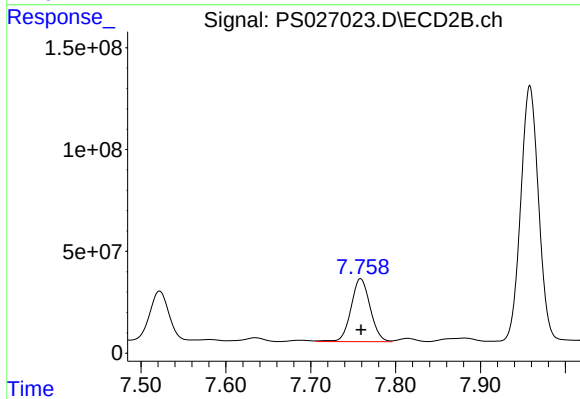
#3 4-Nitrophenol

R.T.: 7.286 min
Delta R.T.: 0.000 min
Response: 246949647
Conc: 148.63 ng/ml m



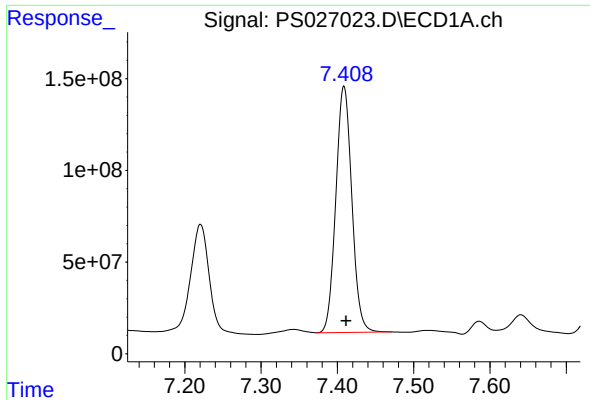
#4 2,4-DCAA

R.T.: 7.221 min
Delta R.T.: -0.006 min
Response: 991889081
Conc: 389.76 ng/ml



#4 2,4-DCAA

R.T.: 7.759 min
Delta R.T.: 0.000 min
Response: 485824897
Conc: 209.85 ng/ml



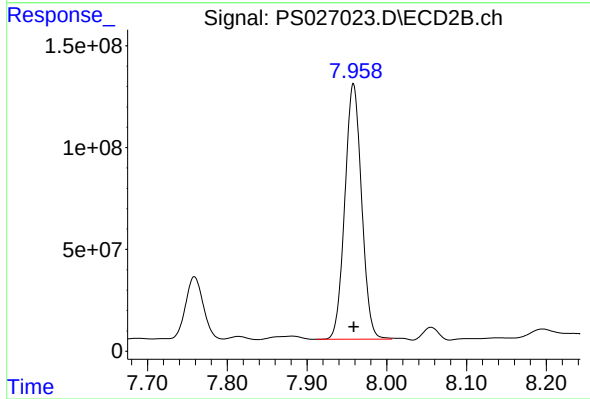
#5 DICAMBA

R.T.: 7.409 min
Delta R.T.: -0.003 min
Response: 1954389883
Conc: 182.76 ng/ml

Instrument :
ECD_S
ClientSampleId :
Soil/Gravel-SPMSD

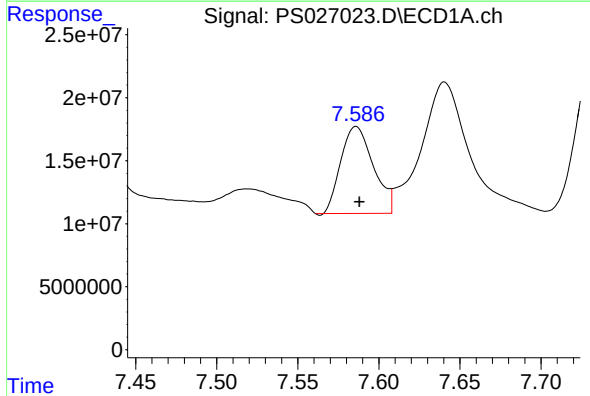
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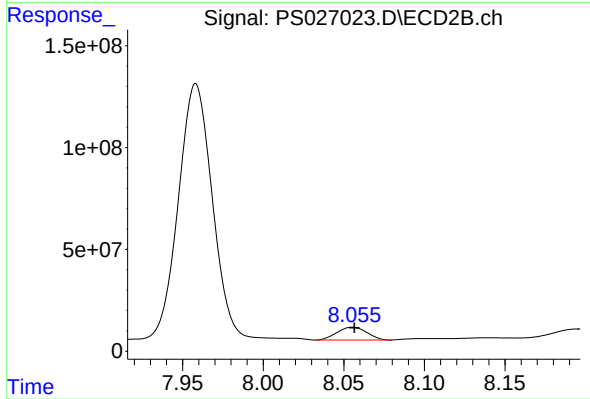
#5 DICAMBA

R.T.: 7.958 min
Delta R.T.: 0.000 min
Response: 1832559341
Conc: 178.76 ng/ml m



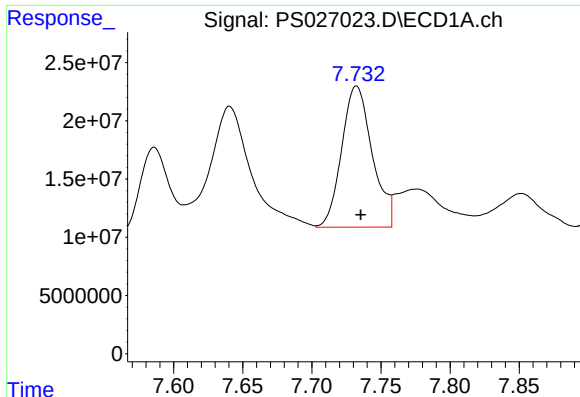
#6 MCP

R.T.: 7.586 min
Delta R.T.: -0.002 min
Response: 96874187
Conc: 13.39 ug/ml



#6 MCP

R.T.: 8.055 min
Delta R.T.: -0.001 min
Response: 81367796
Conc: 11.08 ug/ml



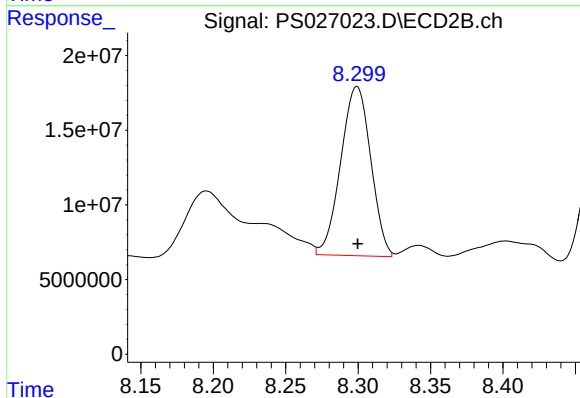
#7 MCPA

R.T.: 7.732 min
Delta R.T.: -0.003 min
Response: 186798807
Conc: 18.05 ug/ml

Instrument :
ECD_S
ClientSampleId :
Soil/Gravel-SPMSD

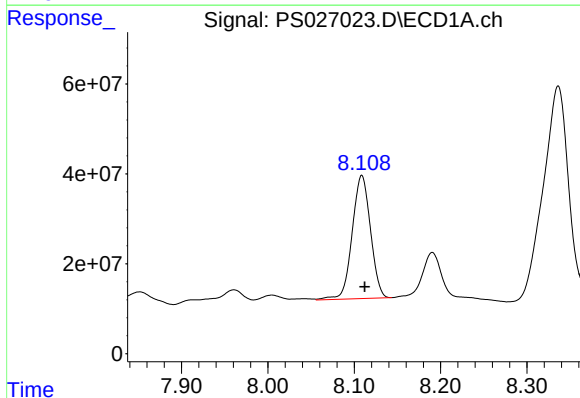
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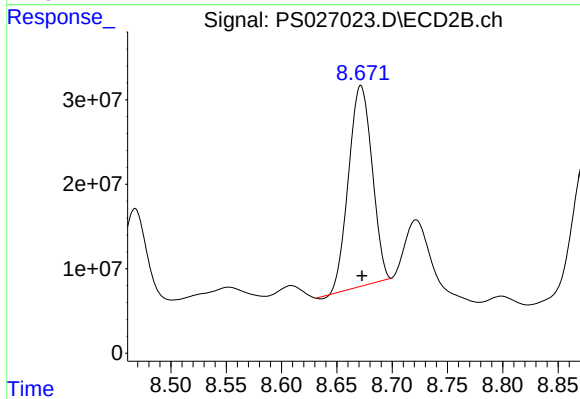
#7 MCPA

R.T.: 8.299 min
Delta R.T.: 0.000 min
Response: 163387511
Conc: 15.70 ug/ml m



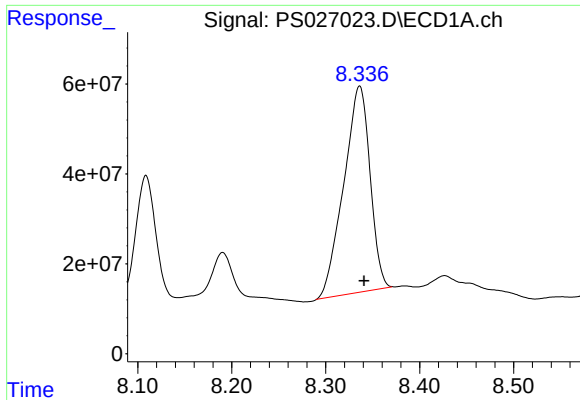
#8 DICHLORPROP

R.T.: 8.109 min
Delta R.T.: -0.003 min
Response: 403091149
Conc: 146.49 ng/ml



#8 DICHLORPROP

R.T.: 8.672 min
Delta R.T.: -0.001 min
Response: 350505922
Conc: 132.53 ng/ml



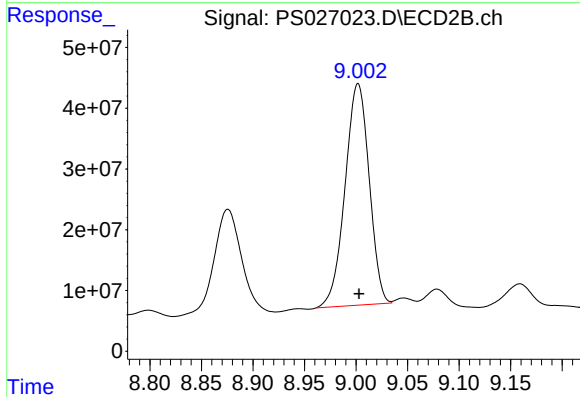
#9 2,4-D

R.T.: 8.336 min
Delta R.T.: -0.005 min
Response: 893323023
Conc: 300.60 ng/ml

Instrument :
ECD_S
ClientSampleId :
Soil/Gravel-SPMSD

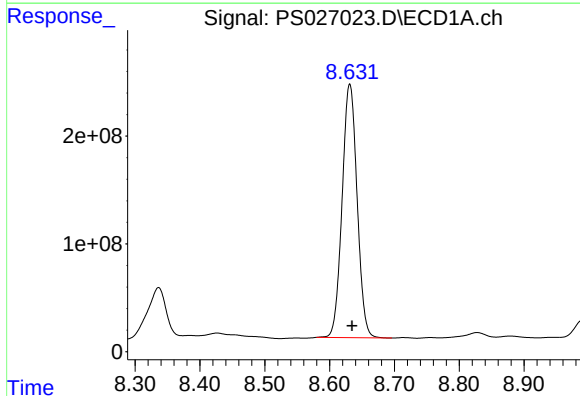
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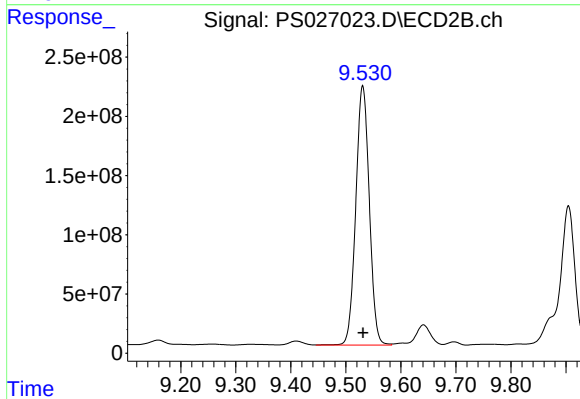
#9 2,4-D

R.T.: 9.002 min
Delta R.T.: -0.001 min
Response: 594272131
Conc: 206.71 ng/ml



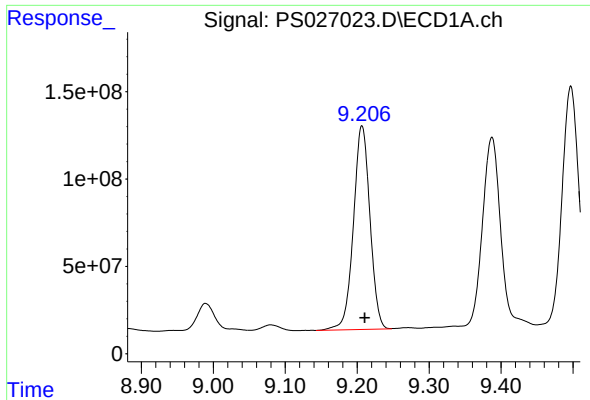
#10 Pentachlorophenol

R.T.: 8.631 min
Delta R.T.: -0.003 min
Response: 3781457724
Conc: 98.18 ng/ml



#10 Pentachlorophenol

R.T.: 9.531 min
Delta R.T.: 0.000 min
Response: 3734520274
Conc: 98.88 ng/ml



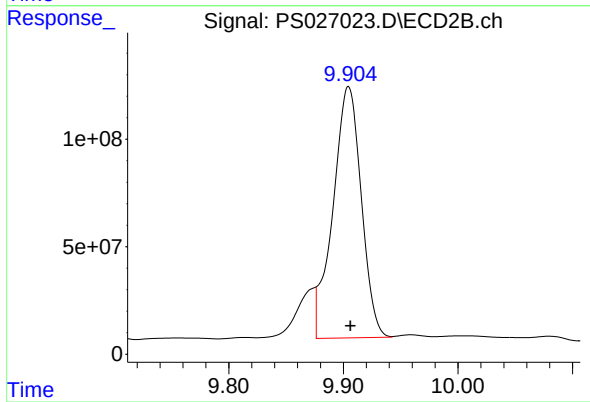
#11 2,4,5-TP (SILVEX)

R.T.: 9.207 min
Delta R.T.: -0.004 min
Response: 1858540267
Conc: 124.51 ng/ml

Instrument :
ECD_S
ClientSampleId :
Soil/Gravel-SPMSD

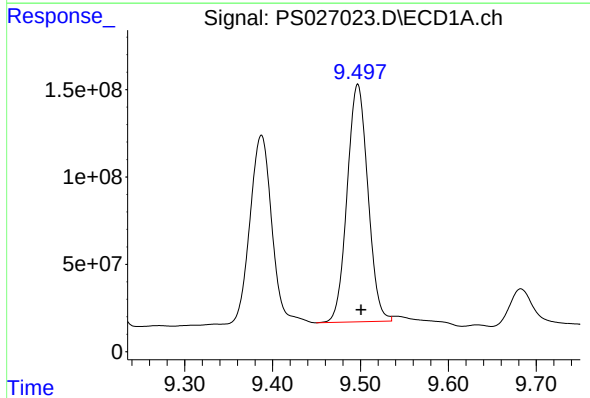
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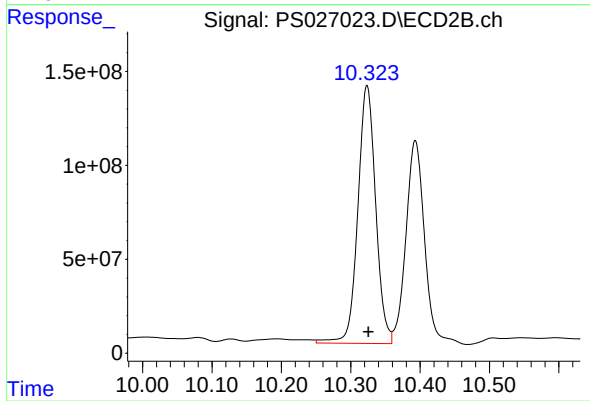
#11 2,4,5-TP (SILVEX)

R.T.: 9.904 min
Delta R.T.: -0.002 min
Response: 2003303173
Conc: 130.57 ng/ml m



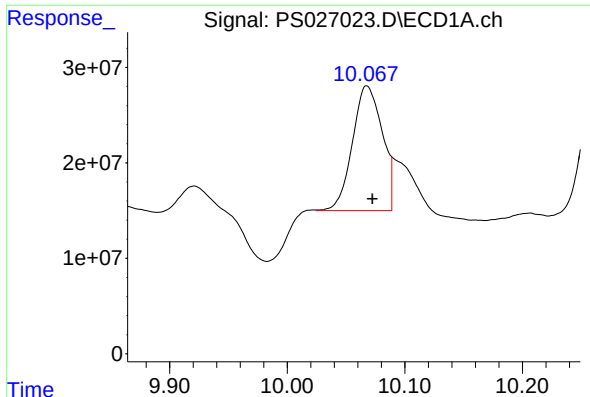
#12 2,4,5-T

R.T.: 9.497 min
Delta R.T.: -0.004 min
Response: 2229431434
Conc: 147.64 ng/ml



#12 2,4,5-T

R.T.: 10.324 min
Delta R.T.: -0.002 min
Response: 2455750692
Conc: 157.66 ng/ml



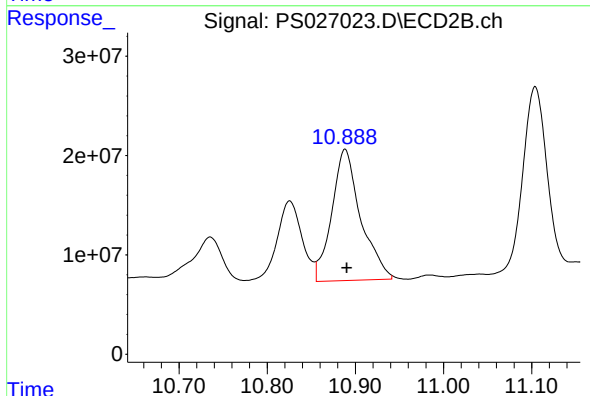
#13 2,4-DB

R.T.: 10.067 min
Delta R.T.: -0.005 min
Response: 230489987
Conc: 107.98 ng/ml

Instrument :
ECD_S
ClientSampleId :
Soil/Gravel-SPMSD

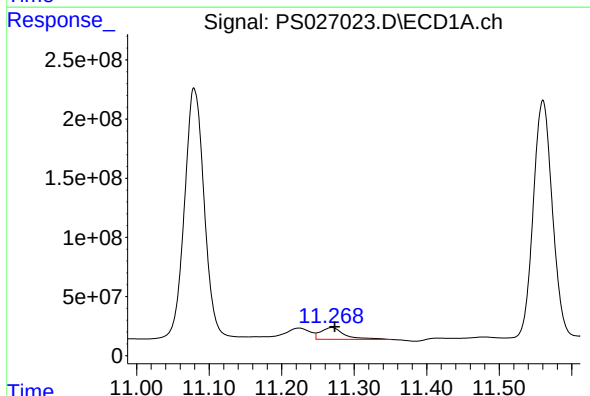
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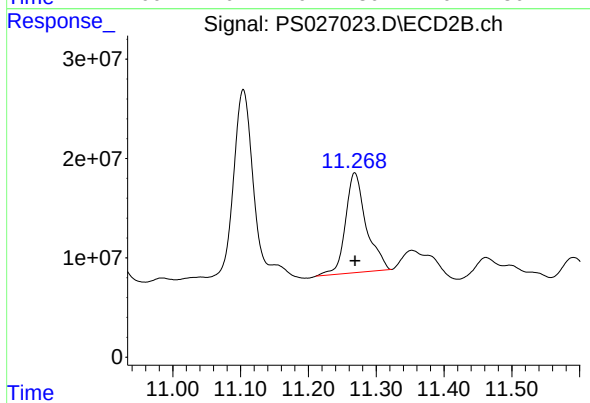
#13 2,4-DB

R.T.: 10.888 min
Delta R.T.: -0.002 min
Response: 300676710
Conc: 151.24 ng/ml m



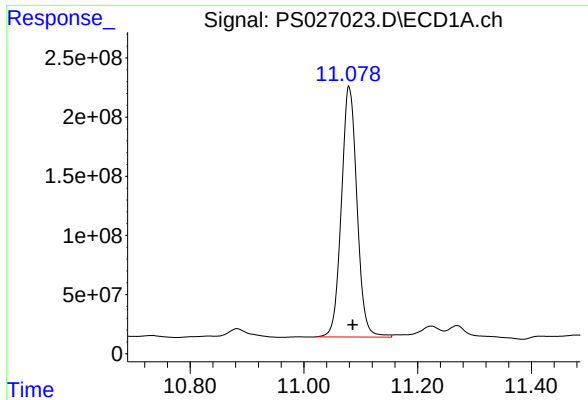
#14 DINOSEB

R.T.: 11.269 min
Delta R.T.: -0.004 min
Response: 227682486
Conc: 21.20 ng/ml



#14 DINOSEB

R.T.: 11.268 min
Delta R.T.: 0.000 min
Response: 213596871
Conc: 20.00 ng/ml



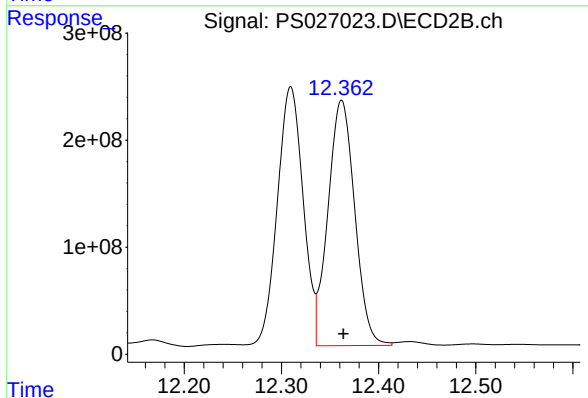
#15 Picloram

R.T.: 11.079 min
Delta R.T.: -0.007 min
Response: 4031987563
Conc: 191.82 ng/ml

Instrument :
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ClientSampleId :
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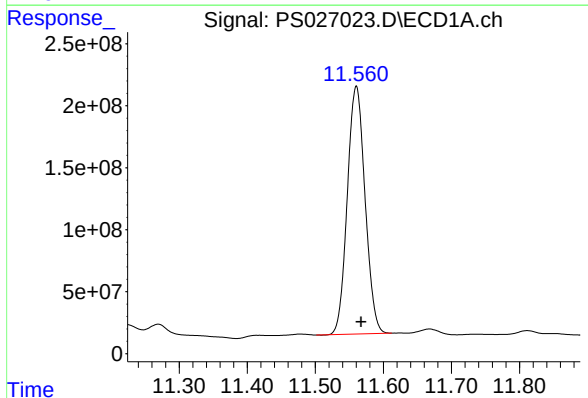
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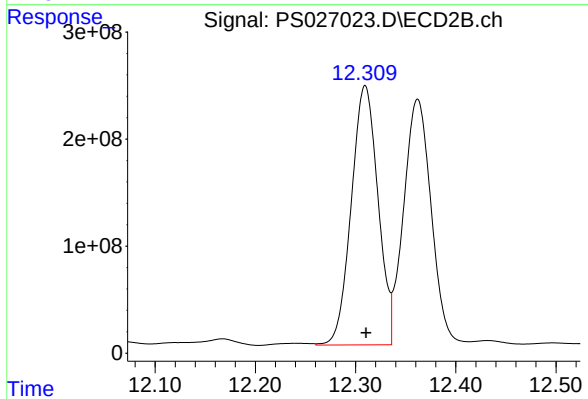
#15 Picloram

R.T.: 12.362 min
Delta R.T.: -0.002 min
Response: 4383767055
Conc: 186.87 ng/ml



#16 DCPA

R.T.: 11.560 min
Delta R.T.: -0.007 min
Response: 3622860461
Conc: 191.16 ng/ml



#16 DCPA

R.T.: 12.310 min
Delta R.T.: -0.001 min
Response: 4480352832
Conc: 241.54 ng/ml