

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS061824\
 Data File : PS027022.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Jun 2024 18:04
 Operator : AR\AJ
 Sample : P2883-01MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 Soil/Gravel-SPMS

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 01:40:11 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	7.219	7.759	1050.3E6	462.5E6	412.726	199.772 #
Target Compounds							
1) T	Dalapon	2.623	2.700	238.8E6	562.5E6	67.536m	127.044m#
2) T	3,5-DICHL...	6.396	6.709	582.7E6	485.5E6	144.699	144.526m
3) T	4-Nitroph...	7.025	7.286	173.6E6	198.0E6	98.218	119.186
5) T	DICAMBA	7.409	7.957	1761.7E6	1641.1E6	164.744	160.083m
6) T	MCPD	7.586	8.055	96085561	67247328	13.282	9.159 #
7) T	MCPA	7.732	8.298	160.6E6	133.8E6	15.521	12.853
8) T	DICHLORPROP	8.108	8.671	337.6E6	337.7E6	122.701	127.689m
9) T	2,4-D	8.334	9.002	893.7E6	546.9E6	300.744m	190.214 #
10) T	Pentachlo...	8.631	9.530	2875.9E6	2874.9E6	74.666	76.117
11) T	2,4,5-TP ...	9.207	9.904	1533.0E6	1568.2E6	102.697	102.209m
12) T	2,4,5-T	9.496	10.324	1884.6E6	2133.5E6	124.809	136.972
13) T	2,4-DB	10.067	10.888	182.7E6	216.2E6	85.588m	108.758 #
14) T	DINOSEB	11.268	11.267	157.1E6	125.8E6	14.628	11.784m
15) T	Picloram	11.080	12.362	3821.9E6	4153.4E6	181.822	177.048
16) T	DCPA	11.560	12.309	3613.4E6	4322.5E6	190.664	233.027

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

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ALS Vial : 13 Sample Multiplier: 1

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ECD_S

ClientSampleId :

Soil/Gravel-SPMS

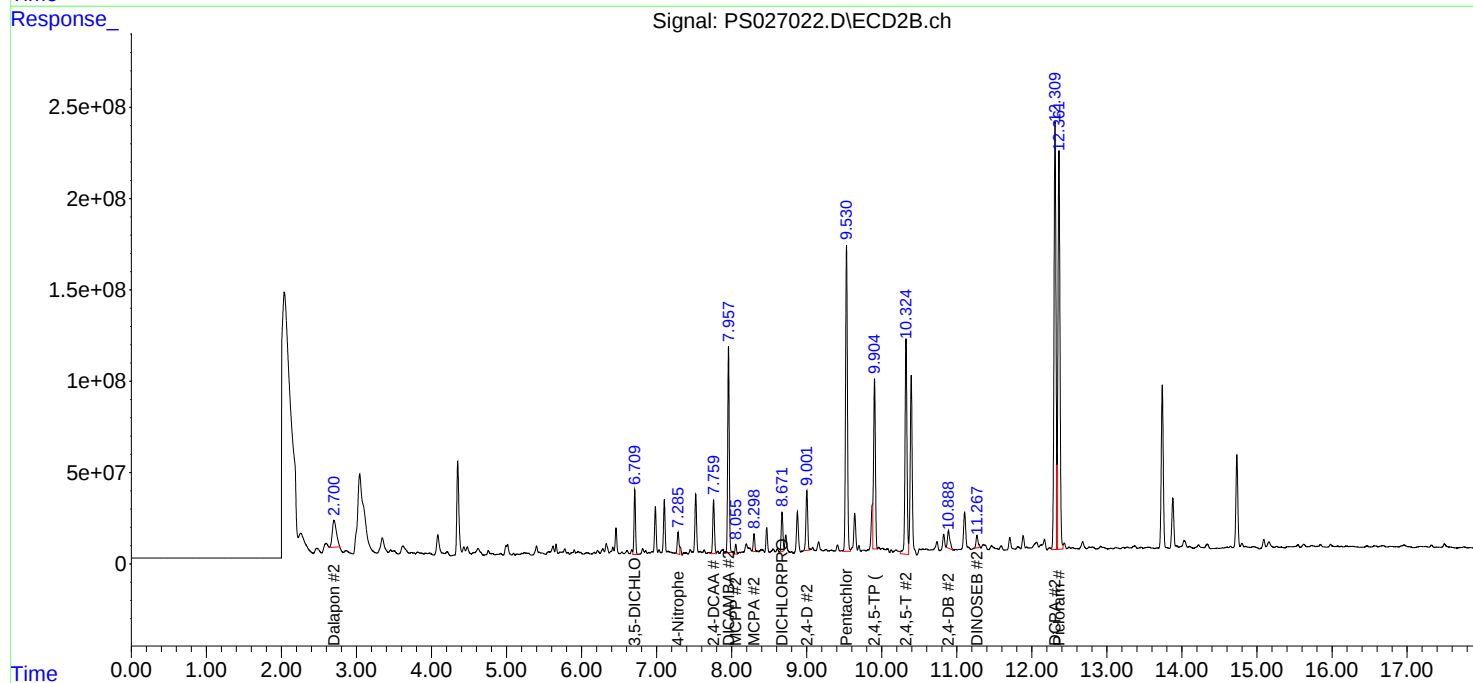
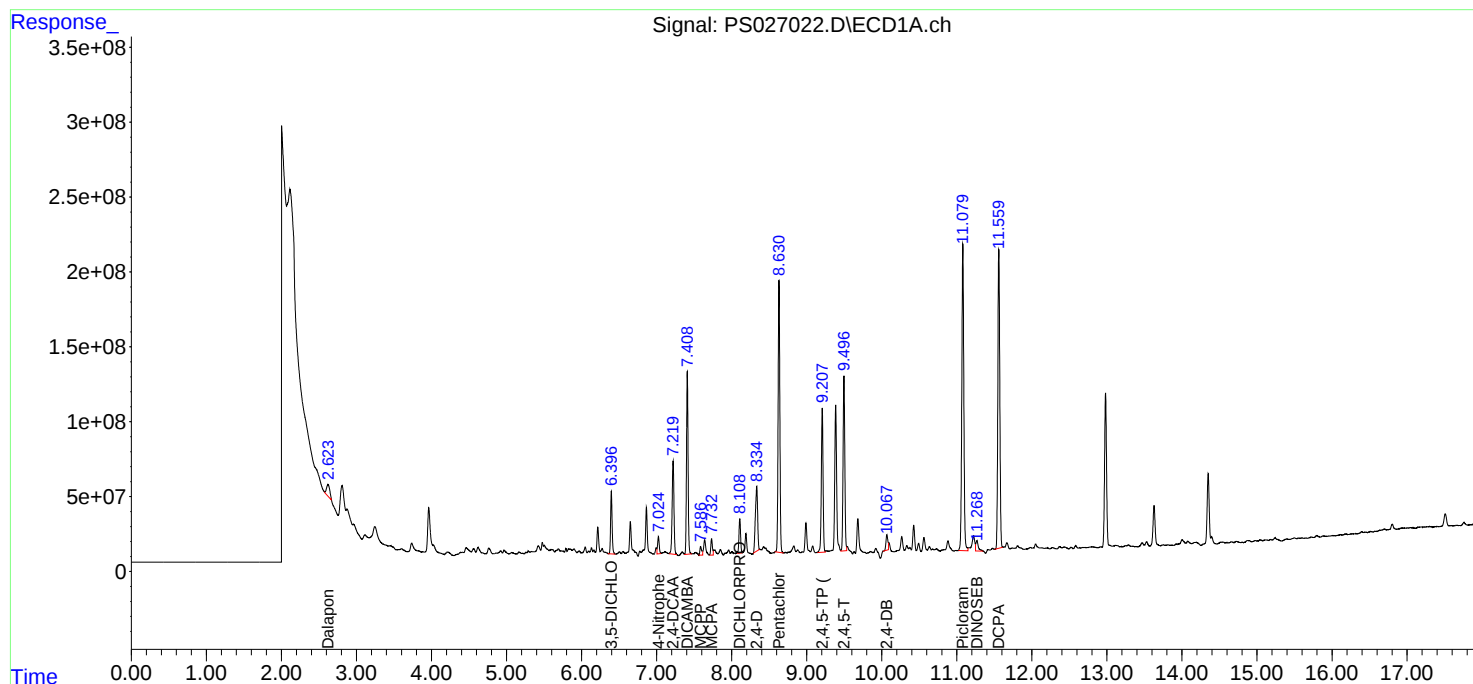
Manual Integrations

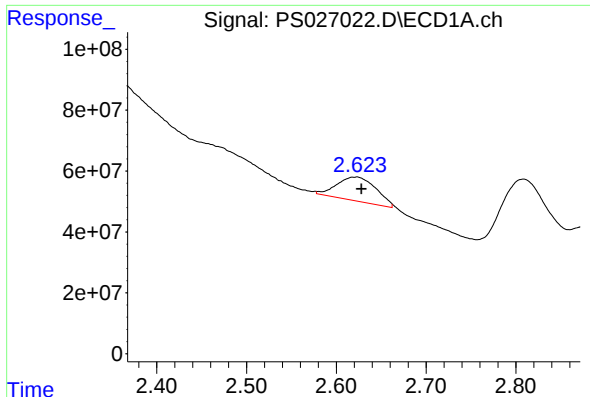
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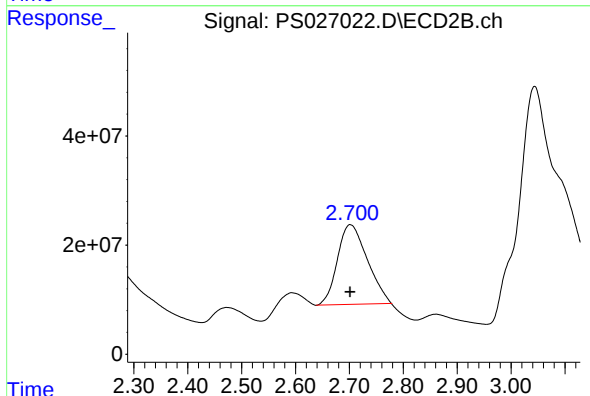
#1 Dalapon

R.T.: 2.623 min
Delta R.T.: -0.005 min
Response: 238807531
Conc: 67.54 ng/ml

Instrument :
ECD_S
ClientSampleId :
Soil/Gravel-SPMS

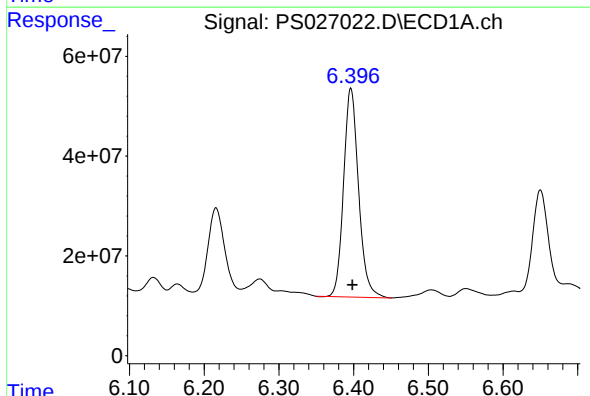
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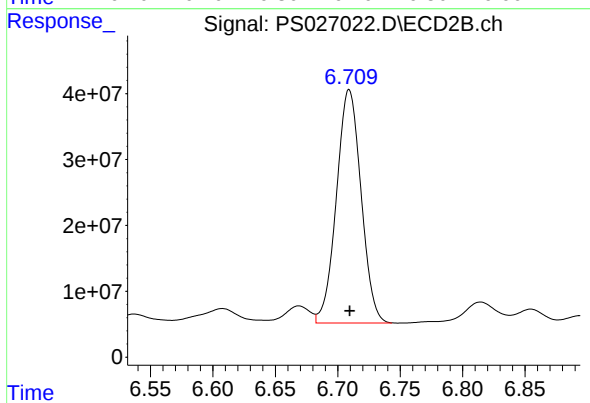
#1 Dalapon

R.T.: 2.700 min
Delta R.T.: 0.000 min
Response: 562469809
Conc: 127.04 ng/ml m



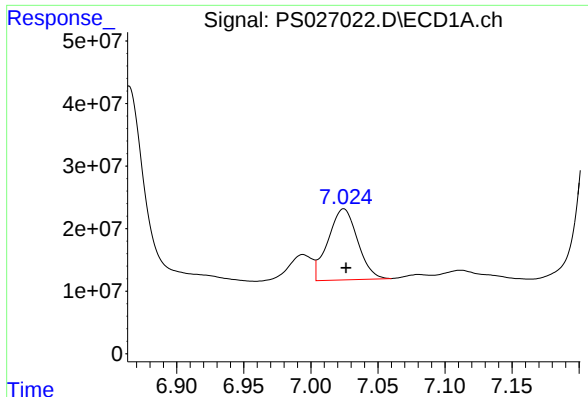
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.396 min
Delta R.T.: -0.002 min
Response: 582673181
Conc: 144.70 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.709 min
Delta R.T.: -0.001 min
Response: 485514812
Conc: 144.53 ng/ml m



#3 4-Nitrophenol

R.T.: 7.025 min
Delta R.T.: -0.002 min
Response: 173580423
Conc: 98.22 ng/ml

Instrument :

ECD_S

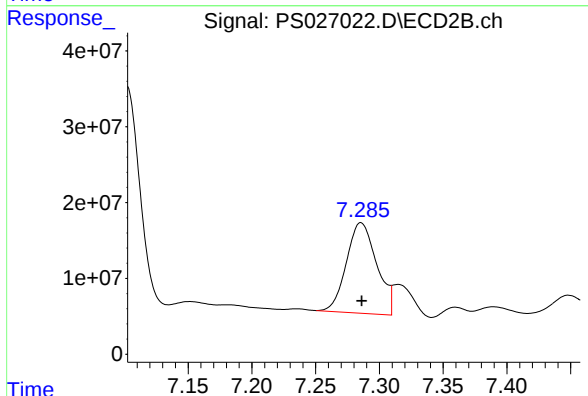
ClientSampleId :

Soil/Gravel-SPMS

Manual Integrations

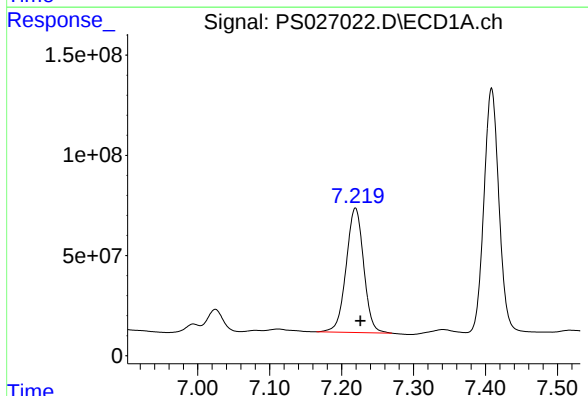
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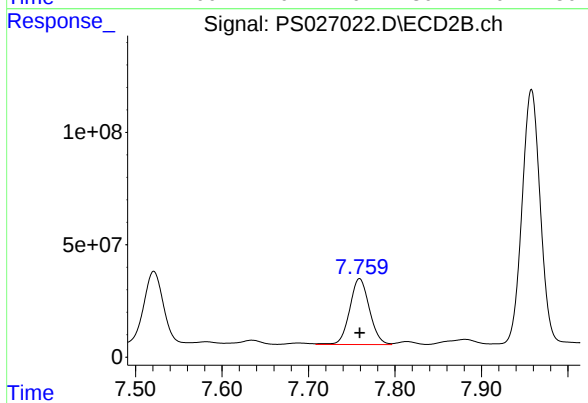
#3 4-Nitrophenol

R.T.: 7.286 min
Delta R.T.: 0.000 min
Response: 198030564
Conc: 119.19 ng/ml



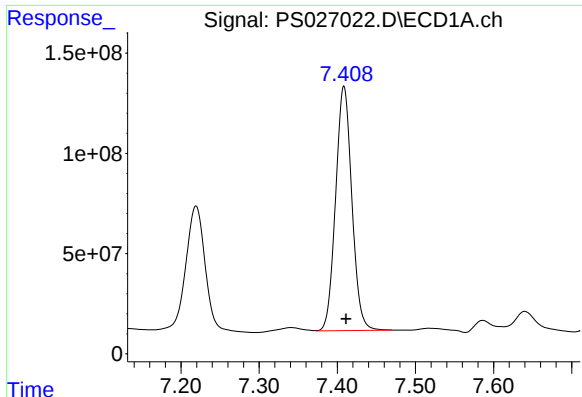
#4 2,4-DCAA

R.T.: 7.219 min
Delta R.T.: -0.007 min
Response: 1050329965
Conc: 412.73 ng/ml



#4 2,4-DCAA

R.T.: 7.759 min
Delta R.T.: 0.000 min
Response: 462499427
Conc: 199.77 ng/ml



#5 DICAMBA

R.T.: 7.409 min
Delta R.T.: -0.003 min
Response: 1761723298
Conc: 164.74 ng/ml

Instrument :

ECD_S

ClientSampleId :

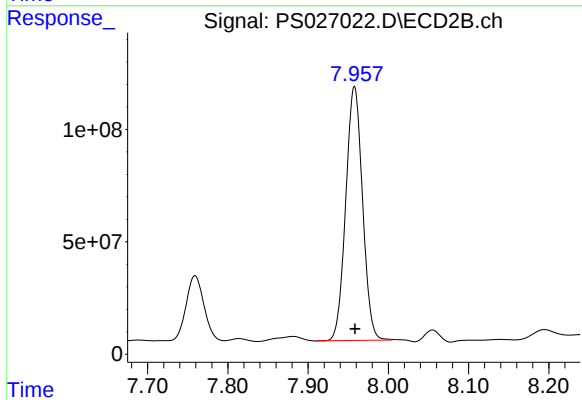
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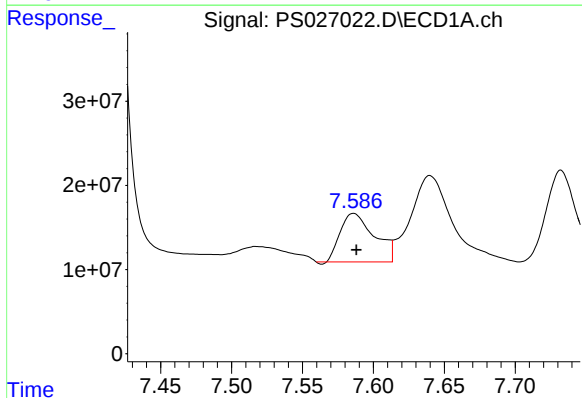
Reviewed By :Abdul Mirza 06/19/2024

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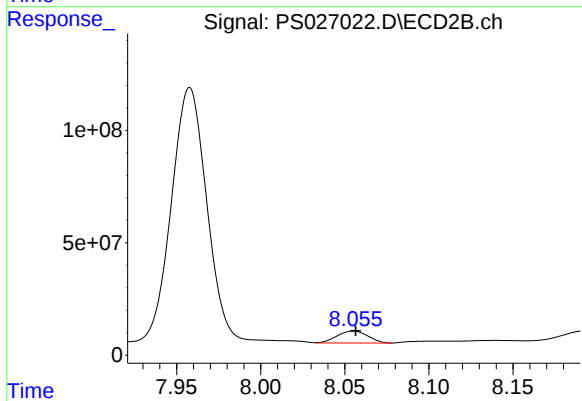
#5 DICAMBA

R.T.: 7.957 min
Delta R.T.: -0.001 min
Response: 1641133388
Conc: 160.08 ng/ml m



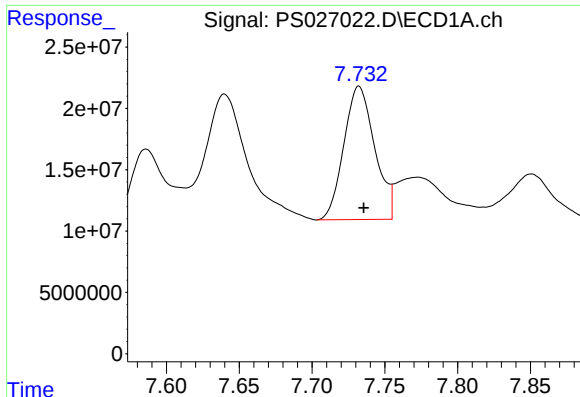
#6 MCP

R.T.: 7.586 min
Delta R.T.: -0.002 min
Response: 96085561
Conc: 13.28 ug/ml



#6 MCP

R.T.: 8.055 min
Delta R.T.: -0.001 min
Response: 67247328
Conc: 9.16 ug/ml



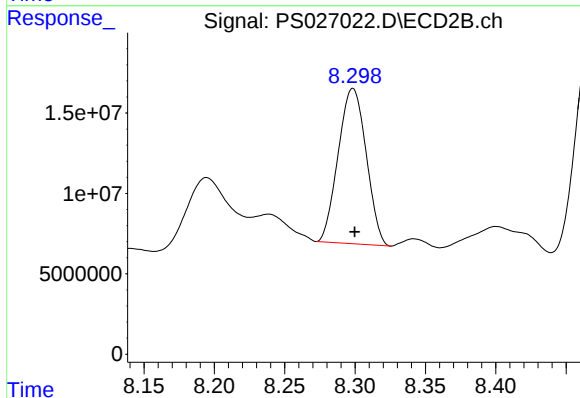
#7 MCPA

R.T.: 7.732 min
Delta R.T.: -0.003 min
Response: 160624818
Conc: 15.52 ug/ml

Instrument :
ECD_S
ClientSampleId :
Soil/Gravel-SPMS

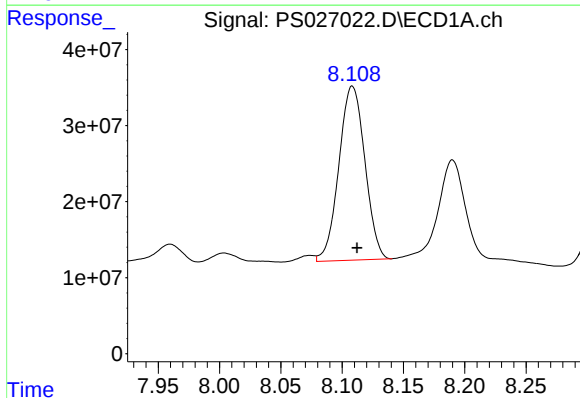
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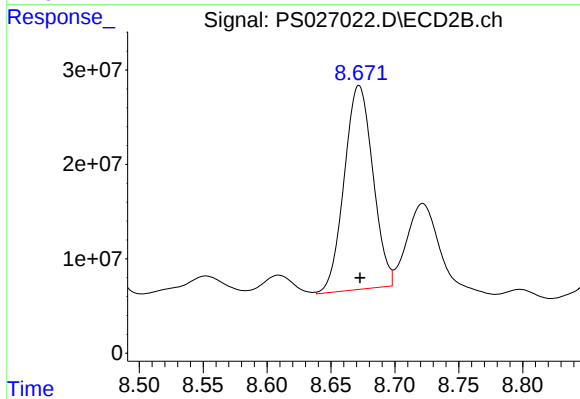
#7 MCPA

R.T.: 8.298 min
Delta R.T.: -0.001 min
Response: 133762996
Conc: 12.85 ug/ml



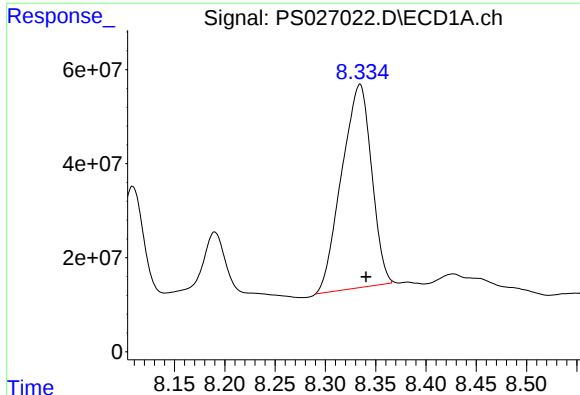
#8 DICHLORPROP

R.T.: 8.108 min
Delta R.T.: -0.004 min
Response: 337638383
Conc: 122.70 ng/ml



#8 DICHLORPROP

R.T.: 8.671 min
Delta R.T.: -0.001 min
Response: 337694001
Conc: 127.69 ng/ml m



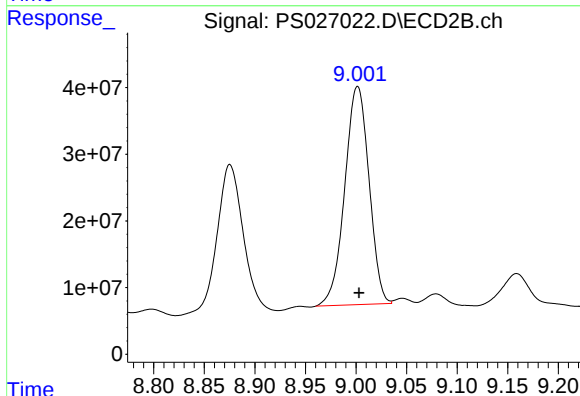
#9 2,4-D

R.T.: 8.334 min
Delta R.T.: -0.006 min
Response: 893746097
Conc: 300.74 ng/ml

Instrument :
ECD_S
ClientSampleId :
Soil/Gravel-SPMS

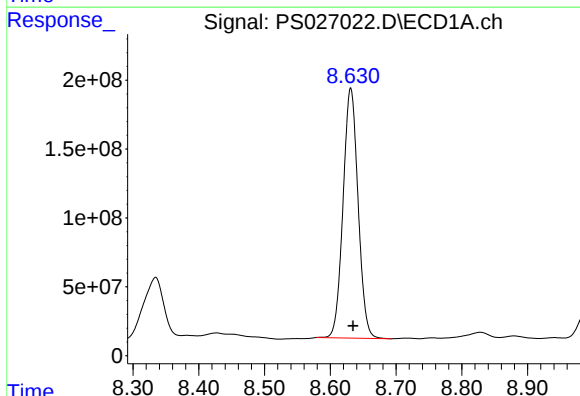
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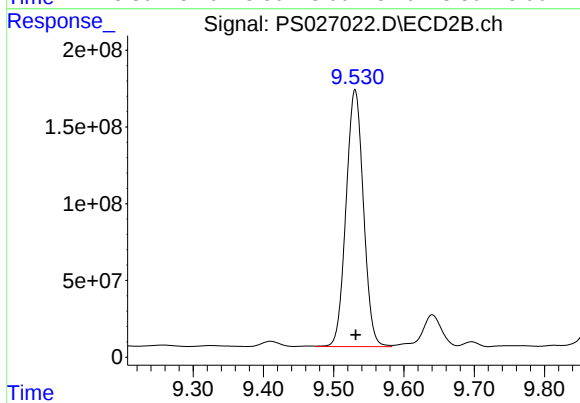
#9 2,4-D

R.T.: 9.002 min
Delta R.T.: -0.001 min
Response: 546853116
Conc: 190.21 ng/ml



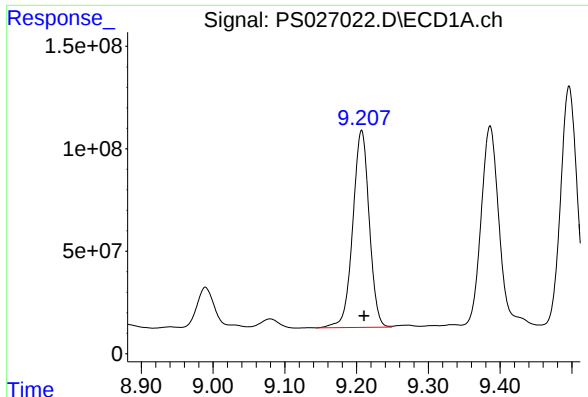
#10 Pentachlorophenol

R.T.: 8.631 min
Delta R.T.: -0.004 min
Response: 2875937206
Conc: 74.67 ng/ml



#10 Pentachlorophenol

R.T.: 9.530 min
Delta R.T.: -0.001 min
Response: 2874865301
Conc: 76.12 ng/ml



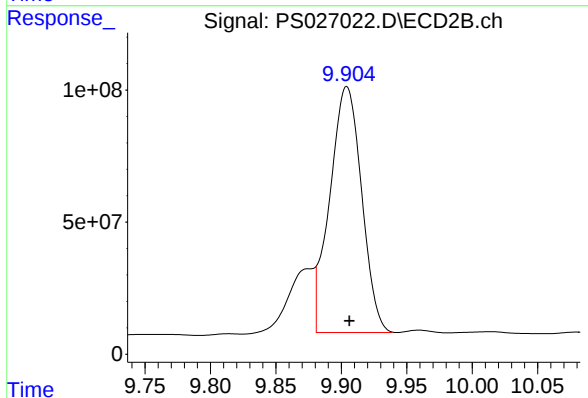
#11 2,4,5-TP (SILVEX)

R.T.: 9.207 min
Delta R.T.: -0.003 min
Response: 1532955085
Conc: 102.70 ng/ml

Instrument :
ECD_S
ClientSampleId :
Soil/Gravel-SPMS

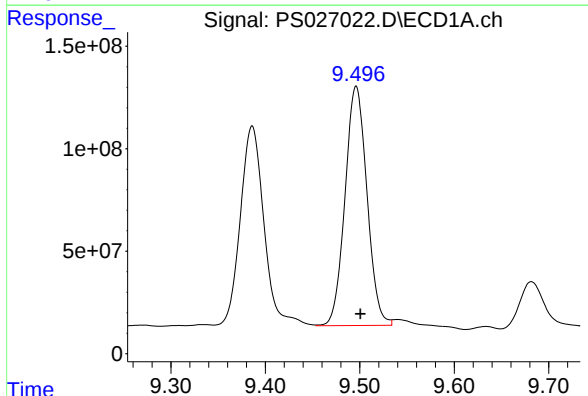
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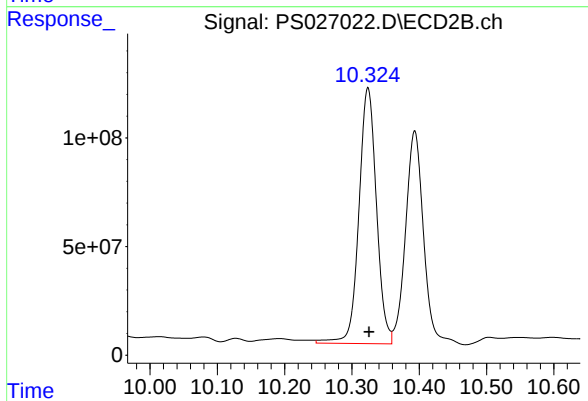
#11 2,4,5-TP (SILVEX)

R.T.: 9.904 min
Delta R.T.: -0.002 min
Response: 1568216530
Conc: 102.21 ng/ml m



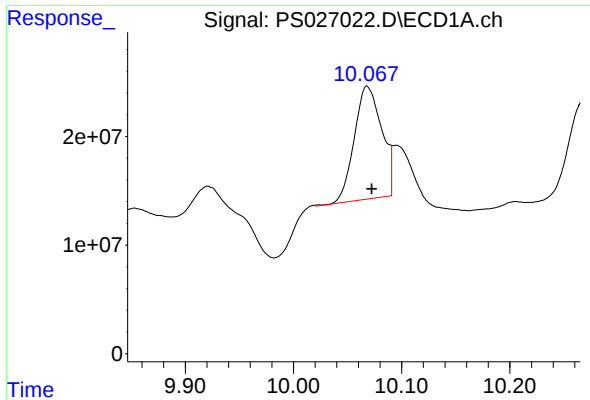
#12 2,4,5-T

R.T.: 9.496 min
Delta R.T.: -0.005 min
Response: 1884612940
Conc: 124.81 ng/ml



#12 2,4,5-T

R.T.: 10.324 min
Delta R.T.: -0.002 min
Response: 2133542011
Conc: 136.97 ng/ml



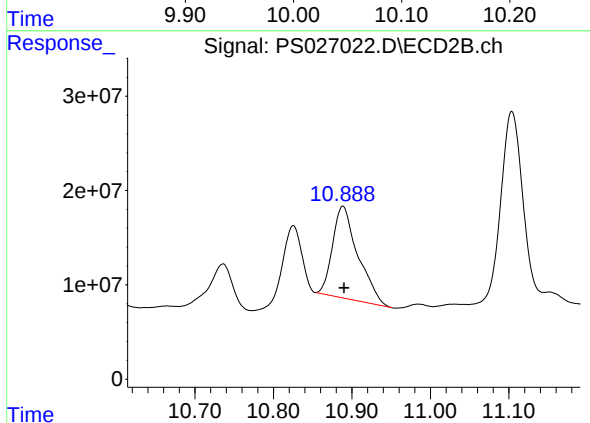
#13 2,4-DB

R.T.: 10.067 min
Delta R.T.: -0.005 min
Response: 182695368
Conc: 85.59 ng/ml

Instrument :
ECD_S
ClientSampleId :
Soil/Gravel-SPMS

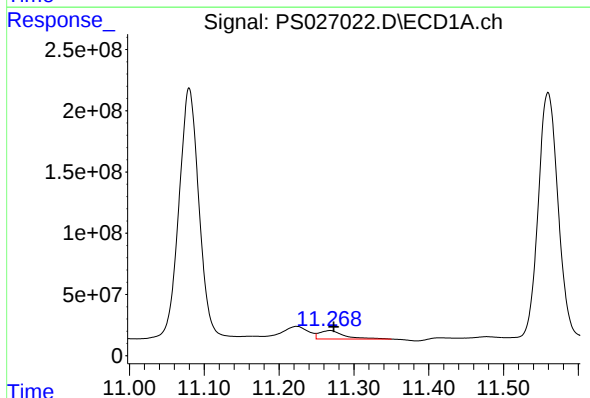
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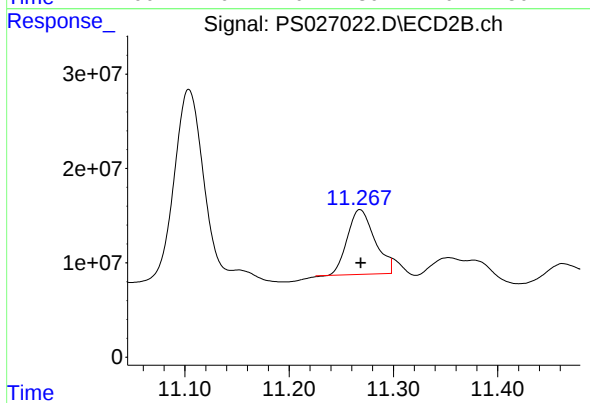
#13 2,4-DB

R.T.: 10.888 min
Delta R.T.: -0.002 min
Response: 216220110
Conc: 108.76 ng/ml



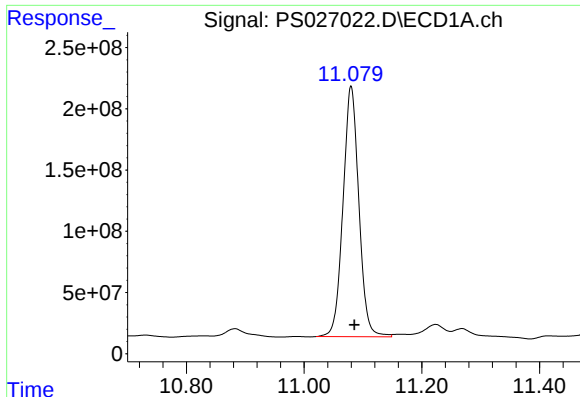
#14 DINOSEB

R.T.: 11.268 min
Delta R.T.: -0.005 min
Response: 157128077
Conc: 14.63 ng/ml



#14 DINOSEB

R.T.: 11.267 min
Delta R.T.: -0.001 min
Response: 125822583
Conc: 11.78 ng/ml m



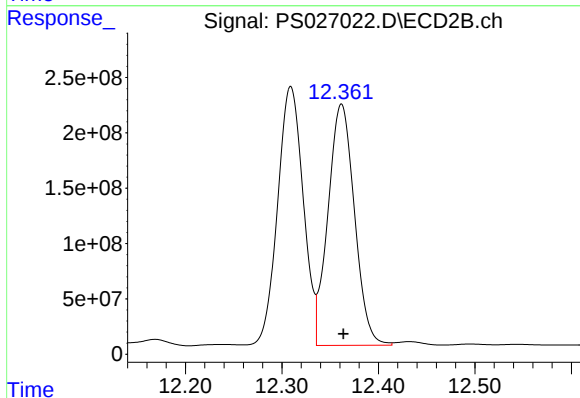
#15 Picloram

R.T.: 11.080 min
Delta R.T.: -0.006 min
Response: 3821885605
Conc: 181.82 ng/ml

Instrument :
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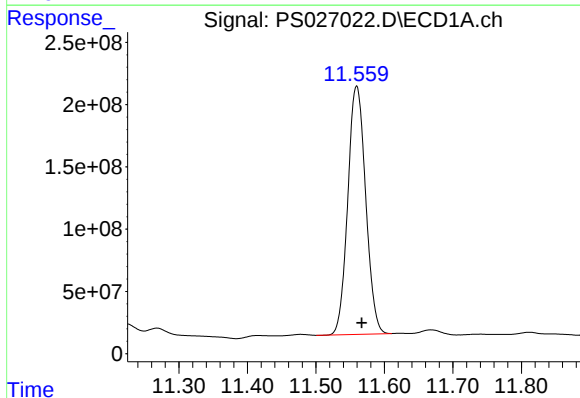
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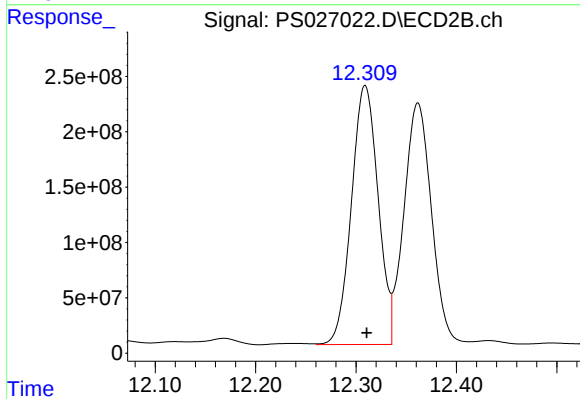
#15 Picloram

R.T.: 12.362 min
Delta R.T.: -0.002 min
Response: 4153435126
Conc: 177.05 ng/ml



#16 DCPA

R.T.: 11.560 min
Delta R.T.: -0.008 min
Response: 3613430753
Conc: 190.66 ng/ml



#16 DCPA

R.T.: 12.309 min
Delta R.T.: -0.002 min
Response: 4322474937
Conc: 233.03 ng/ml