

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS021523\
 Data File : PS022151.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Feb 2023 23:43
 Operator : AR\AJ
 Sample : 01542-01MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 SOILMSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 02/15/2023
 Supervised By : Ankita Jodhani 02/15/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 15 03:51:38 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS020223.M
 Quant Title : 8080.M
 QLast Update : Fri Feb 03 10:03:01 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : Rtx-CLPesticides Signal #2 Phase: Rtx-CLPesticides2
 Signal #1 Info : 30M x 0.32mm x 0.5 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	6.299	6.727	989.9E6	1044.2E6	434.268	515.861
Target Compounds							
1) T	Dalapon	2.416	2.490	810.0E6	1101.6E6	260.889m	354.029m#
2) T	3,5-DICHL...	5.680	5.926	1419.2E6	1258.5E6	412.116	421.153
3) T	4-Nitroph...	6.144	6.353	511.8E6	439.2E6	380.303	328.894
5) T	DICAMBA	6.435	6.885	3733.0E6	3601.9E6	385.928	381.252
6) T	MCPD	6.584	6.979	265.5E6	266.8E6	36.874	35.745
7) T	MCPA	6.705	7.188	319.5E6	348.1E6	31.906	34.654
8) T	DICHLORPROP	7.021	7.506	844.4E6	879.2E6	341.557	367.471
9) T	2,4-D	7.227	7.798	957.0E6	1060.2E6	318.328	375.978
10) T	Pentachlo...	7.442	8.214	11731.9E6	11331.9E6	355.304	356.680
11) T	2,4,5-TP ...	7.969	8.577	4889.7E6	5066.5E6	367.005	384.685
12) T	2,4,5-T	8.231	8.955	4722.0E6	4296.4E6	329.023	355.519
13) T	2,4-DB	8.740	9.460	681.2E6	549.9E6	309.813	325.643
14) T	DINOSEB	9.779	9.782	759.7E6	628.1E6	73.873	67.192m
15) T	Picloram	9.624	10.753	6218.0E6	6339.9E6	333.878	349.329
16) T	DCPA	10.046	10.705	5677.6E6	4823.8E6	334.151	313.432

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

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Acq On : 14 Feb 2023 23:43
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Misc :
ALS Vial : 16 Sample Multiplier: 1

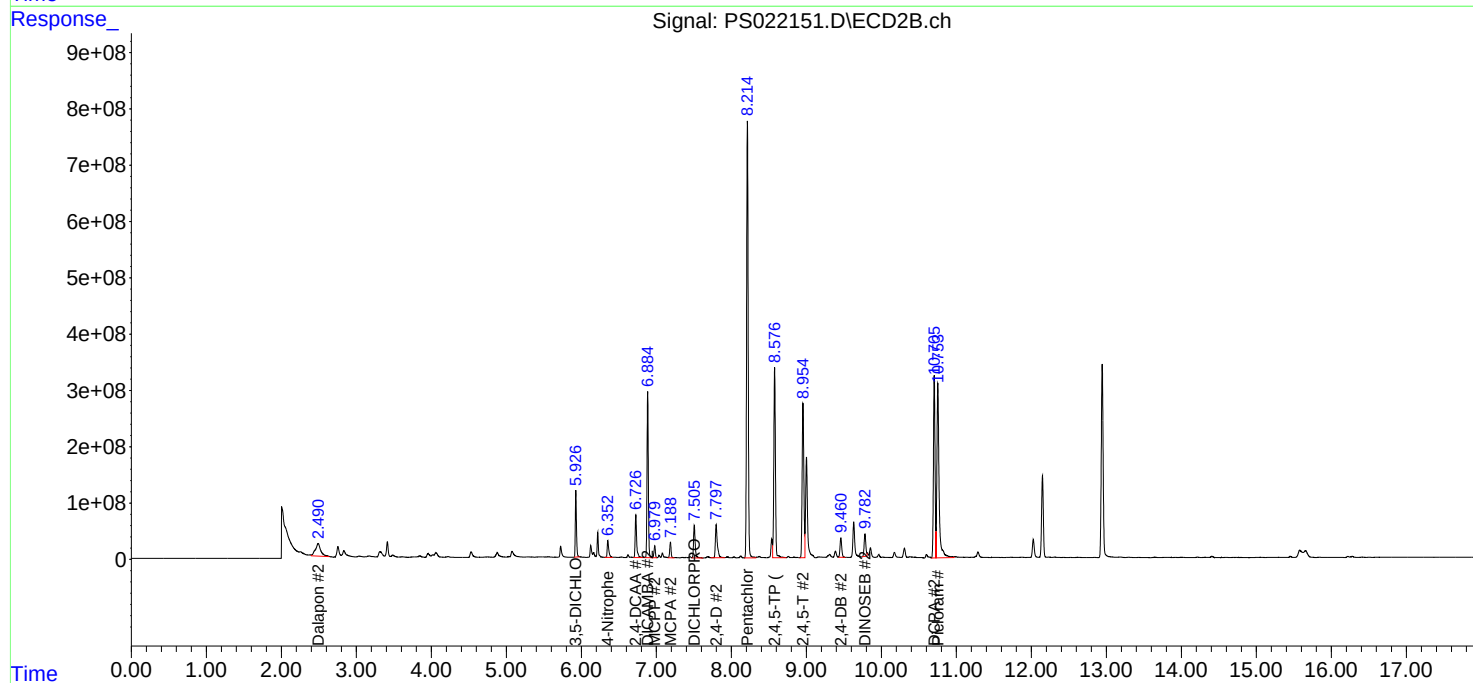
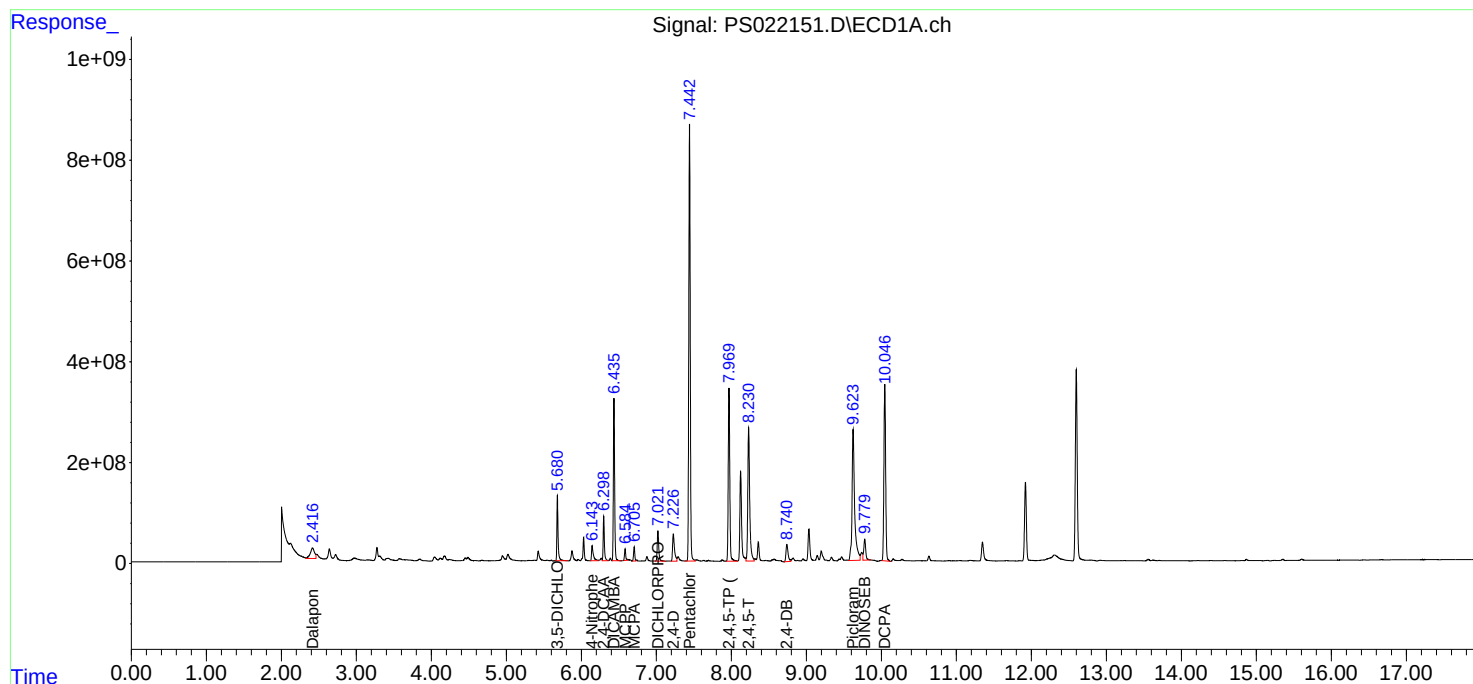
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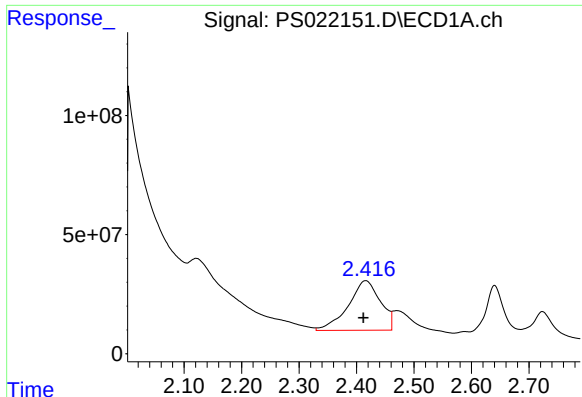
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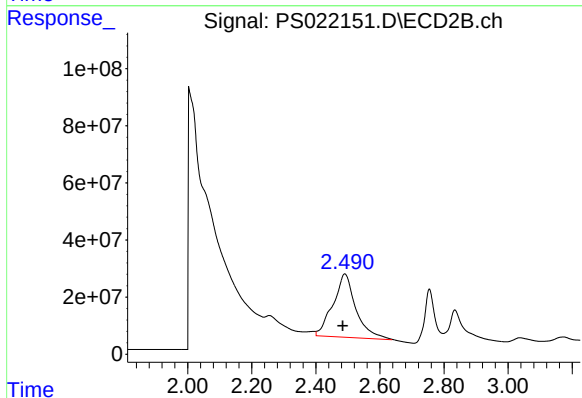
#1 Dalapon

R.T.: 2.416 min
Delta R.T.: 0.004 min
Response: 810027033
Conc: 260.89 ng/ml

Instrument :
ECD_S
ClientSampleId :
SOILMSD

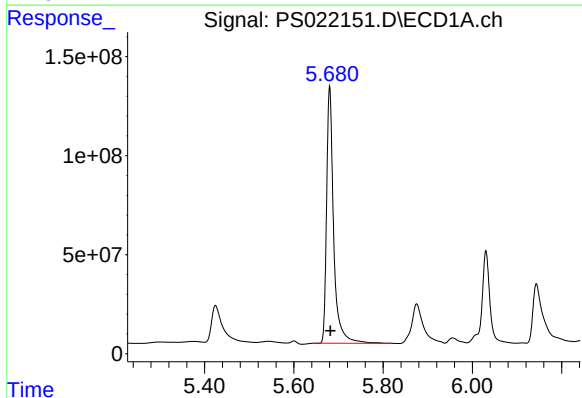
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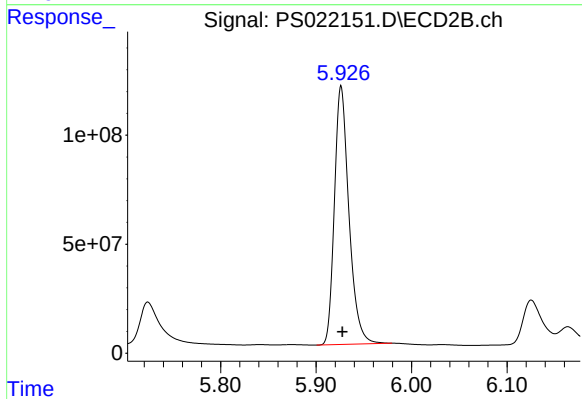
#1 Dalapon

R.T.: 2.490 min
Delta R.T.: 0.006 min
Response: 1101607849
Conc: 354.03 ng/ml m



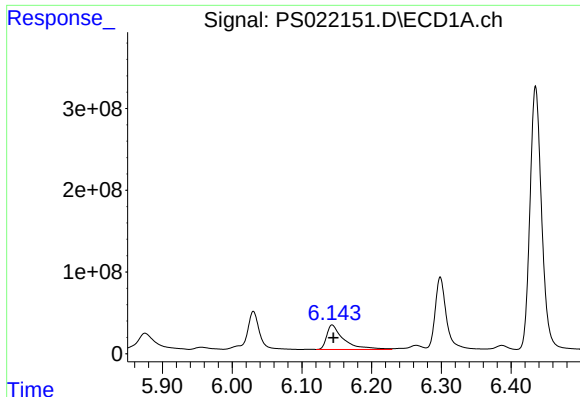
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.680 min
Delta R.T.: -0.002 min
Response: 1419178588
Conc: 412.12 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.926 min
Delta R.T.: -0.001 min
Response: 1258497038
Conc: 421.15 ng/ml



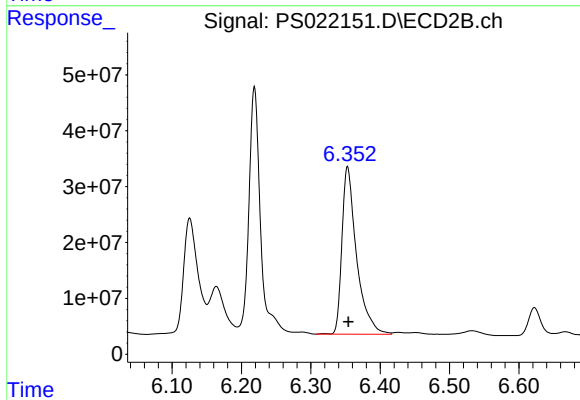
#3 4-Nitrophenol

R.T.: 6.144 min
Delta R.T.: -0.001 min
Response: 511840510
Conc: 380.30 ng/ml

Instrument :
ECD_S
ClientSampleId :
SOILMSD

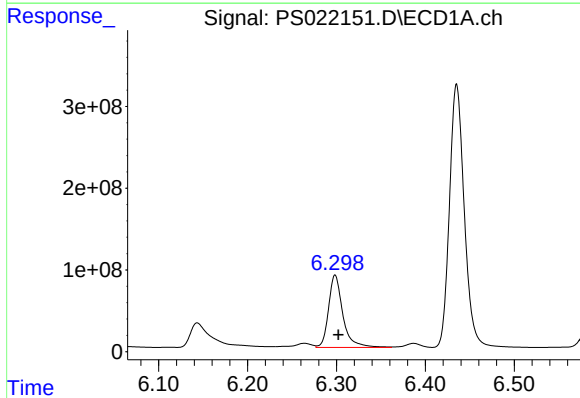
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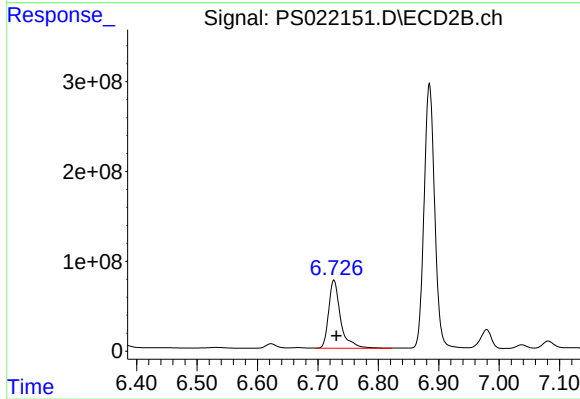
#3 4-Nitrophenol

R.T.: 6.353 min
Delta R.T.: 0.000 min
Response: 439210564
Conc: 328.89 ng/ml



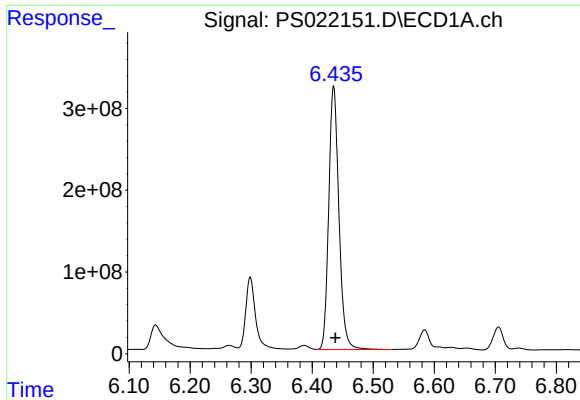
#4 2,4-DCAA

R.T.: 6.299 min
Delta R.T.: -0.003 min
Response: 989854359
Conc: 434.27 ng/ml



#4 2,4-DCAA

R.T.: 6.727 min
Delta R.T.: -0.004 min
Response: 1044227154
Conc: 515.86 ng/ml



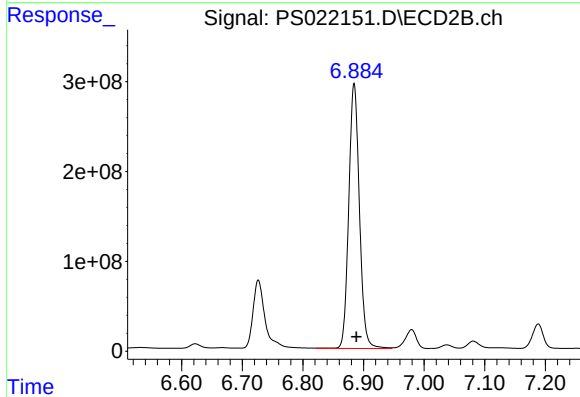
#5 DICAMBA

R.T.: 6.435 min
Delta R.T.: -0.003 min
Response: 3732961623
Conc: 385.93 ng/ml

Instrument :
ECD_S
ClientSampleId :
SOILMSD

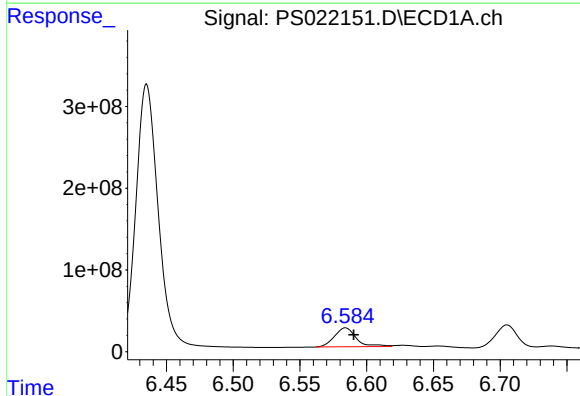
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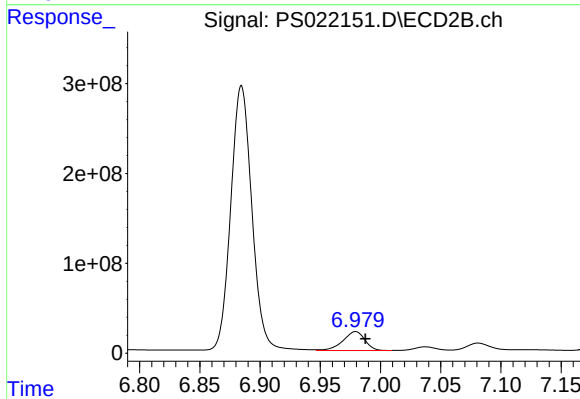
#5 DICAMBA

R.T.: 6.885 min
Delta R.T.: -0.004 min
Response: 3601906828
Conc: 381.25 ng/ml



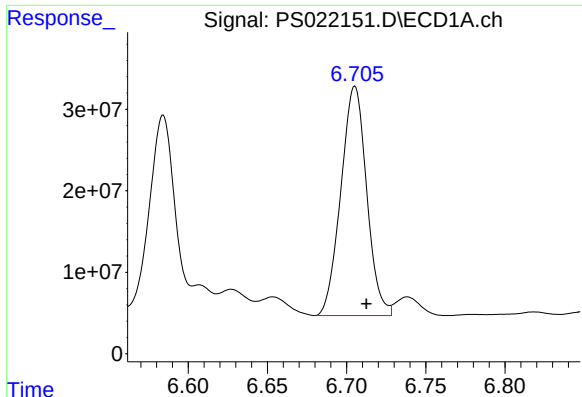
#6 MCP

R.T.: 6.584 min
Delta R.T.: -0.006 min
Response: 265525770
Conc: 36.87 ug/ml



#6 MCP

R.T.: 6.979 min
Delta R.T.: -0.008 min
Response: 266757460
Conc: 35.74 ug/ml



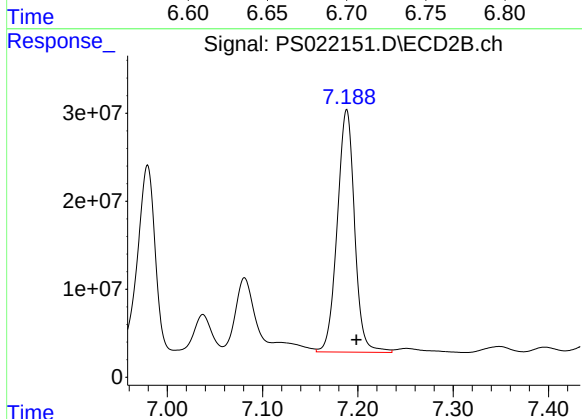
#7 MCPA

R.T.: 6.705 min
Delta R.T.: -0.007 min
Response: 319511747
Conc: 31.91 ug/ml

Instrument :
ECD_S
ClientSampleId :
SOILMSD

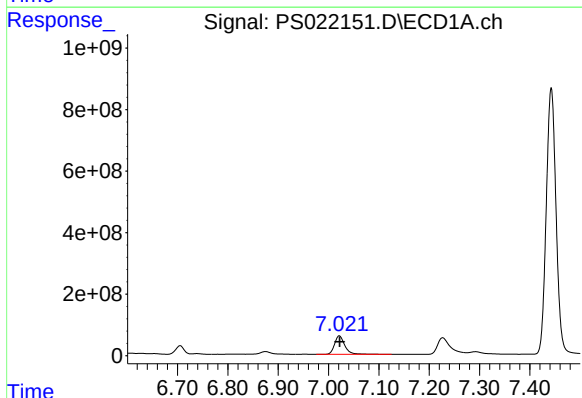
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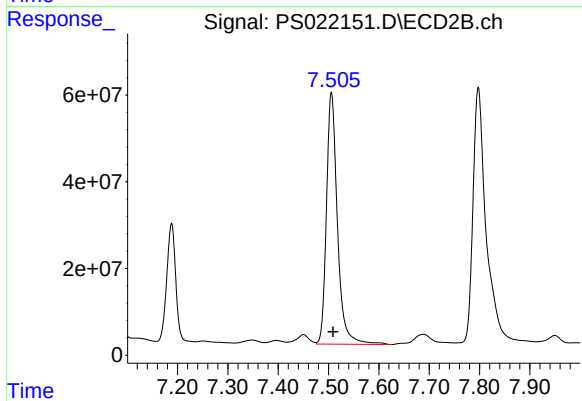
#7 MCPA

R.T.: 7.188 min
Delta R.T.: -0.010 min
Response: 348093690
Conc: 34.65 ug/ml



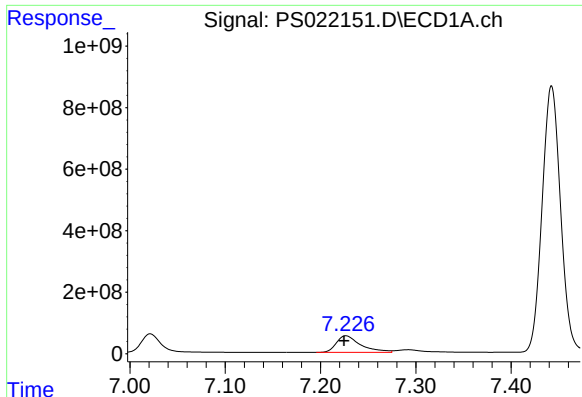
#8 DICHLORPROP

R.T.: 7.021 min
Delta R.T.: 0.000 min
Response: 844427614
Conc: 341.56 ng/ml



#8 DICHLORPROP

R.T.: 7.506 min
Delta R.T.: -0.003 min
Response: 879175592
Conc: 367.47 ng/ml



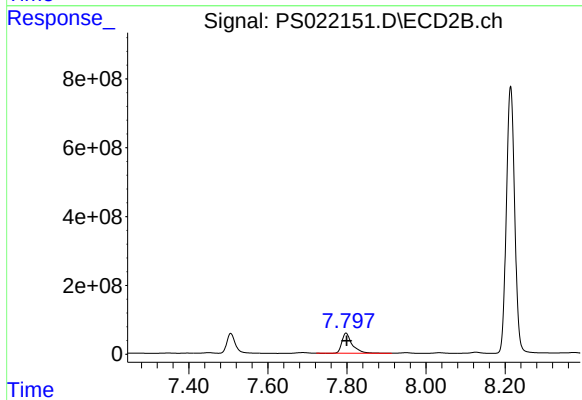
#9 2,4-D

R.T.: 7.227 min
Delta R.T.: 0.002 min
Response: 957042609
Conc: 318.33 ng/ml

Instrument :
ECD_S
ClientSampleId :
SOILMSD

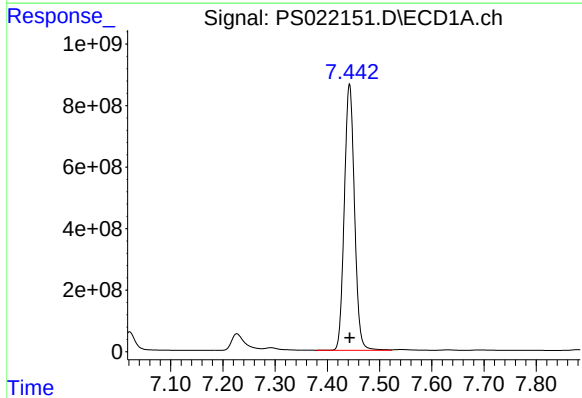
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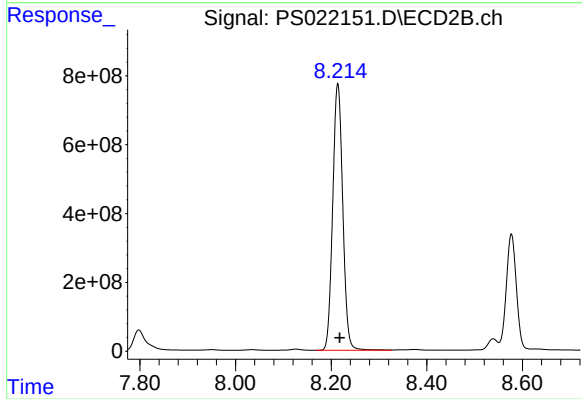
#9 2,4-D

R.T.: 7.798 min
Delta R.T.: -0.002 min
Response: 1060163483
Conc: 375.98 ng/ml



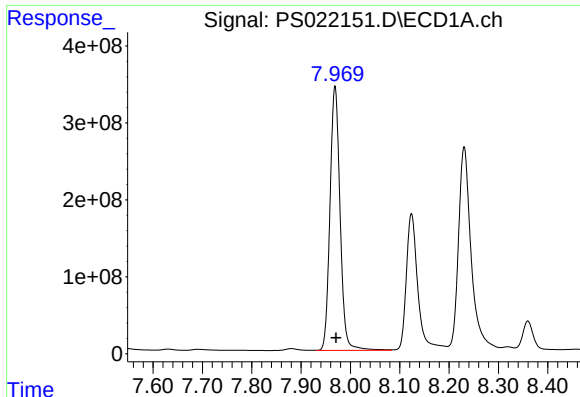
#10 Pentachlorophenol

R.T.: 7.442 min
Delta R.T.: 0.000 min
Response: 11731918204
Conc: 355.30 ng/ml



#10 Pentachlorophenol

R.T.: 8.214 min
Delta R.T.: -0.004 min
Response: 11331864918
Conc: 356.68 ng/ml



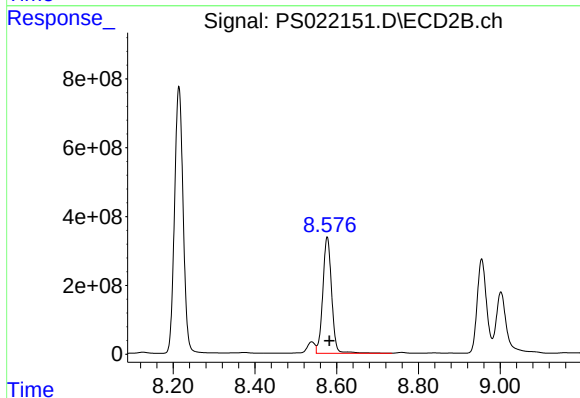
#11 2,4,5-TP (SILVEX)

R.T.: 7.969 min
Delta R.T.: -0.002 min
Response: 4889723580
Conc: 367.01 ng/ml

Instrument :
ECD_S
ClientSampleId :
SOILMSD

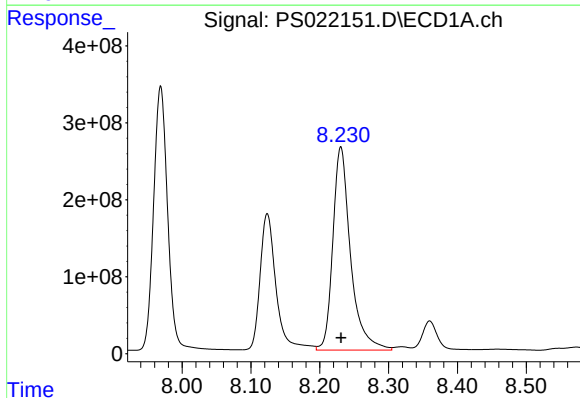
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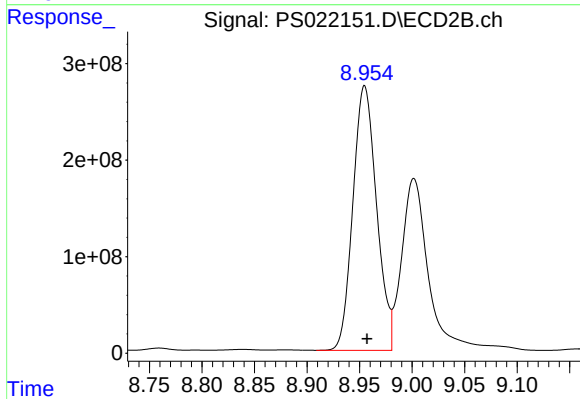
#11 2,4,5-TP (SILVEX)

R.T.: 8.577 min
Delta R.T.: -0.006 min
Response: 5066528801
Conc: 384.68 ng/ml



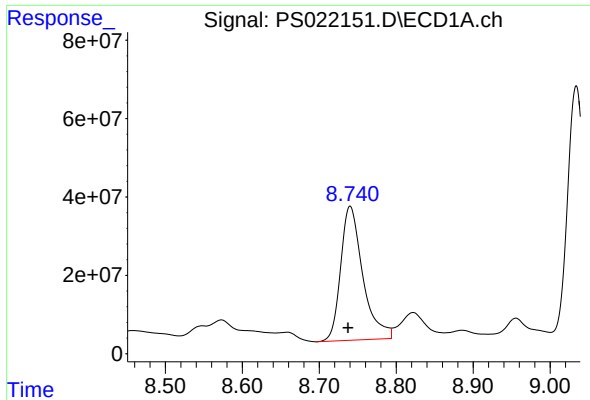
#12 2,4,5-T

R.T.: 8.231 min
Delta R.T.: 0.000 min
Response: 4721990930
Conc: 329.02 ng/ml



#12 2,4,5-T

R.T.: 8.955 min
Delta R.T.: -0.002 min
Response: 4296380988
Conc: 355.52 ng/ml



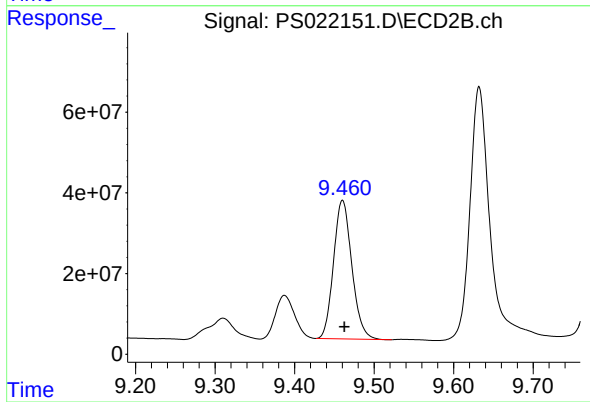
#13 2,4-DB

R.T.: 8.740 min
Delta R.T.: 0.003 min
Response: 681186754
Conc: 309.81 ng/ml

Instrument :
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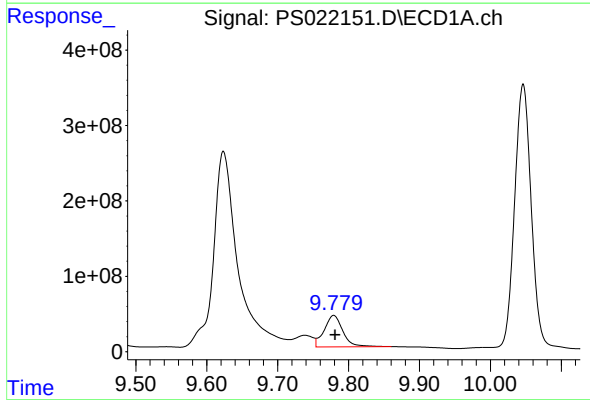
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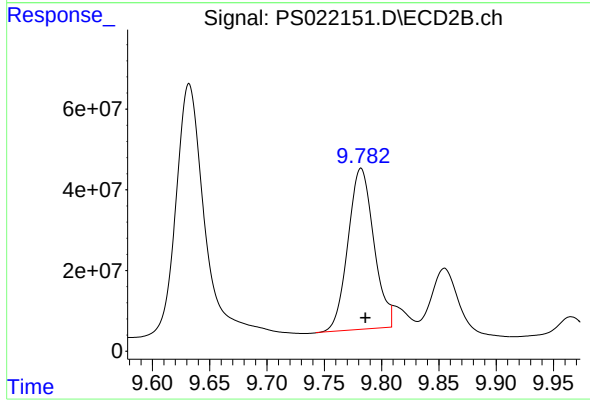
#13 2,4-DB

R.T.: 9.460 min
Delta R.T.: -0.002 min
Response: 549882040
Conc: 325.64 ng/ml



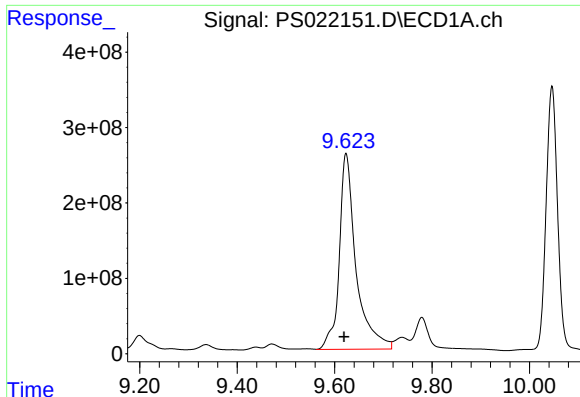
#14 DINOSEB

R.T.: 9.779 min
Delta R.T.: -0.002 min
Response: 759722584
Conc: 73.87 ng/ml



#14 DINOSEB

R.T.: 9.782 min
Delta R.T.: -0.004 min
Response: 628069221
Conc: 67.19 ng/ml m



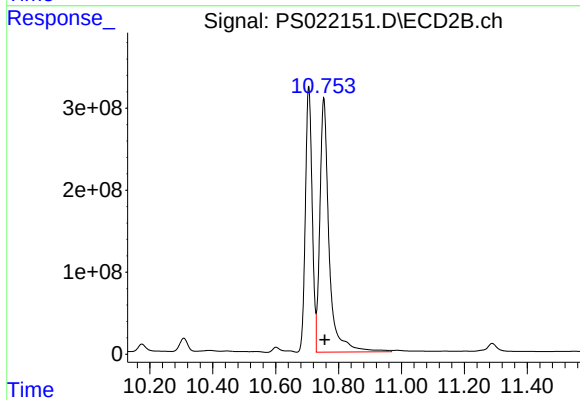
#15 Picloram

R.T.: 9.624 min
Delta R.T.: 0.004 min
Response: 6217963656
Conc: 333.88 ng/ml

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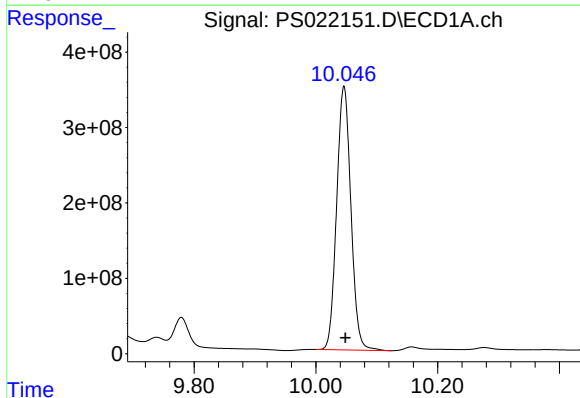
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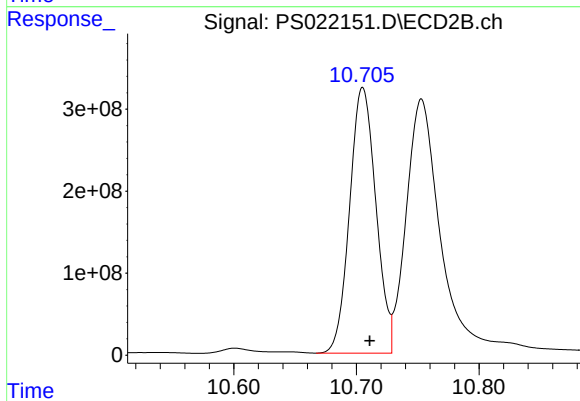
#15 Picloram

R.T.: 10.753 min
Delta R.T.: -0.003 min
Response: 6339939416
Conc: 349.33 ng/ml



#16 DCPA

R.T.: 10.046 min
Delta R.T.: -0.003 min
Response: 5677596985
Conc: 334.15 ng/ml



#16 DCPA

R.T.: 10.705 min
Delta R.T.: -0.006 min
Response: 4823752019
Conc: 313.43 ng/ml