

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS101425\
 Data File : PS032014.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Oct 2025 21:32
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/15/2025
 Supervised By :mohammad ahmed 10/24/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 15 03:23:55 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS101325.M
 Quant Title : 8080.M
 QLast Update : Mon Oct 13 12:51:14 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	7.280	7.742	3512.1E6	870.6E6	736.752	791.238
Target Compounds							
1) T	Dalapon	2.660	2.687	5015.0E6	2555.6E6	648.977	679.991
2) T	3,5-DICHL...	6.448	6.695	4839.8E6	1459.6E6	687.589	699.737
3) T	4-Nitroph...	7.092	7.296	1005.8E6	1085.5E6	753.622m	715.387
5) T	DICAMBA	7.463	7.938	14473.8E6	6164.9E6	691.126	711.814
6) T	MCPD	7.642	8.036	888.7E6	184.3E6	72.675	74.231
7) T	MCPA	7.791	8.283	1072.3E6	276.5E6	72.867	73.305
8) T	DICHLORPROP	8.171	8.657	3236.4E6	1372.3E6	680.746	700.772
9) T	2,4-D	8.408	9.000	3475.7E6	1497.0E6	715.769	720.295
10) T	Pentachlo...	8.706	9.507	48203.9E6	39153.1E6	718.180	755.504
11) T	2,4,5-TP ...	9.278	9.891	19860.6E6	14245.6E6	703.228	709.625
12) T	2,4,5-T	9.576	10.320	18621.8E6	12655.0E6	737.666	738.131
13) T	2,4-DB	10.151	10.888	2465.6E6	989.4E6	795.275	765.711
14) T	DINOSEB	11.344	11.263	15250.2E6	10889.2E6	683.840	716.253
15) T	Picloram	11.175	12.384	18239.3E6	23015.2E6	773.578	691.313
16) T	DCPA	11.644	12.303	25860.3E6	23678.9E6	703.869	712.971

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

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Operator : AR\AJ
Sample : HSTDCCC750
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ALS Vial : 3 Sample Multiplier: 1

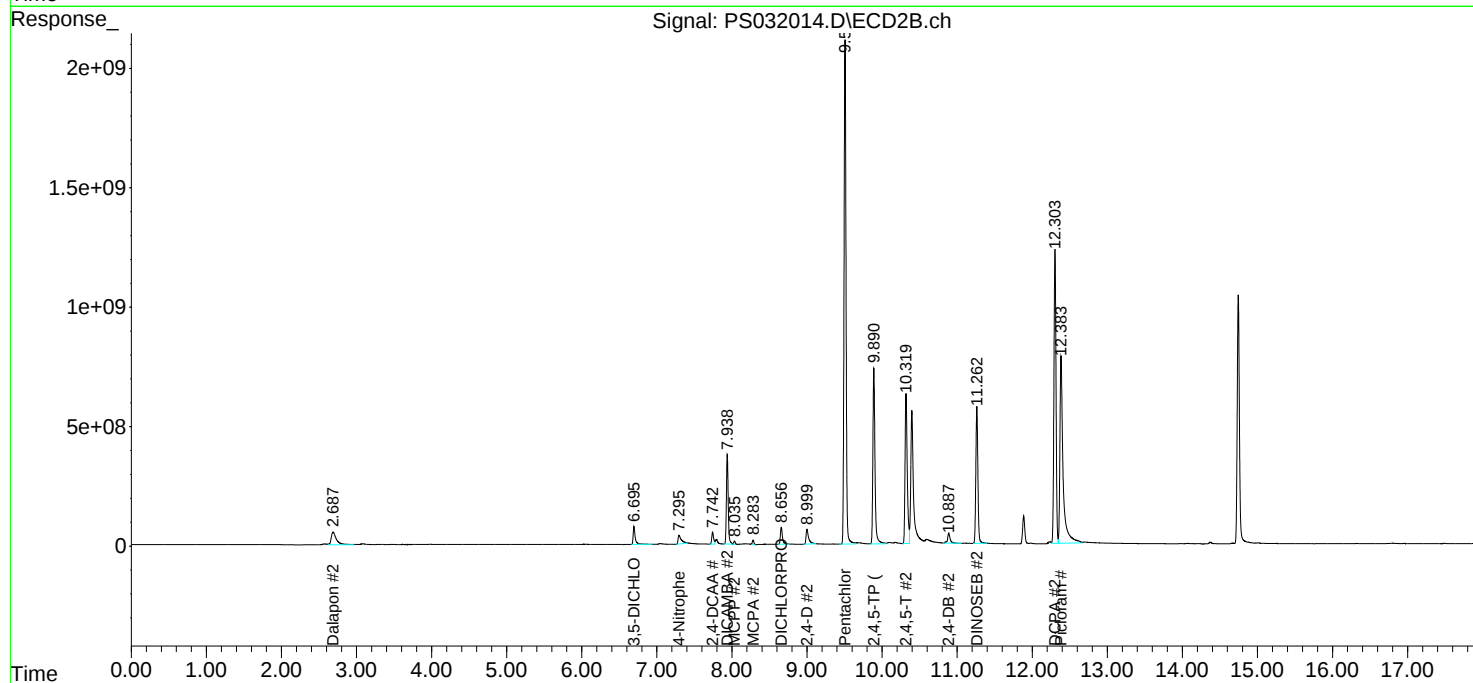
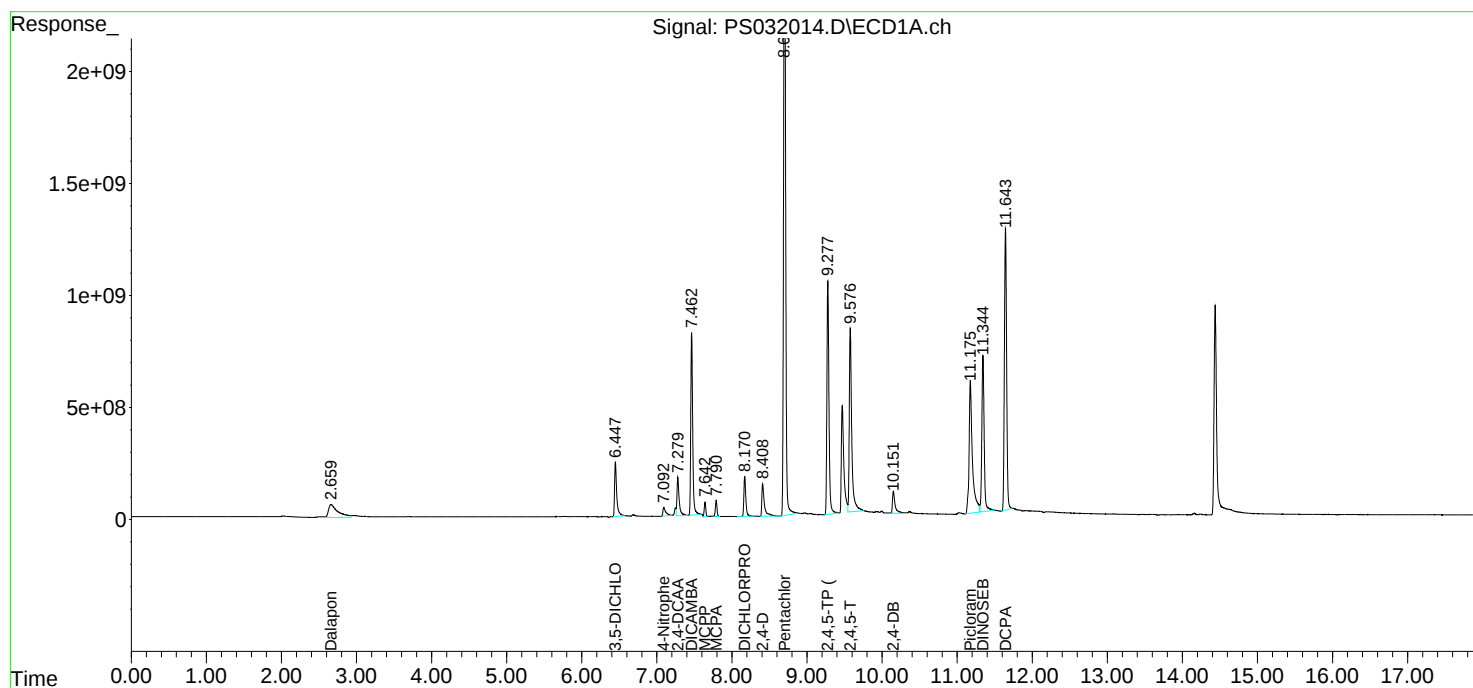
Instrument :
ECD_S
ClientSampleId :
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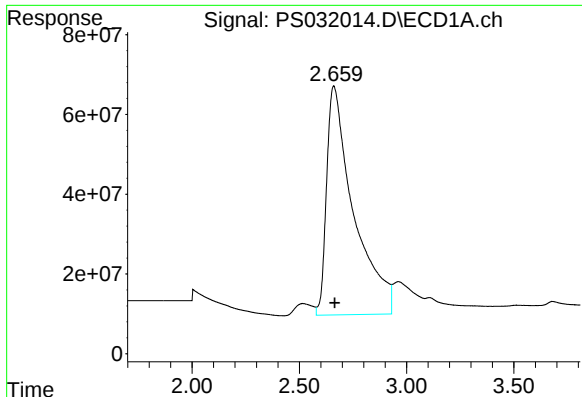
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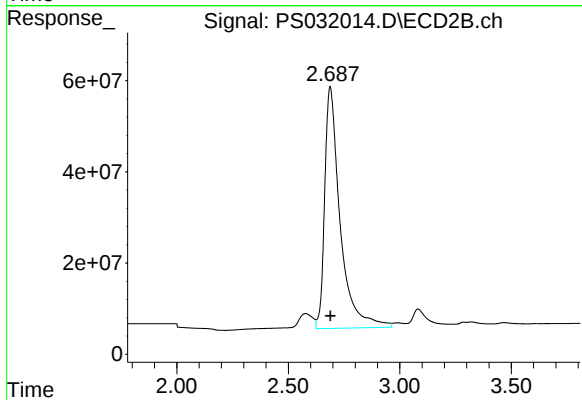
#1 Dalapon

R.T.: 2.660 min
Delta R.T.: -0.005 min
Response: 5014987453
Conc: 648.98 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

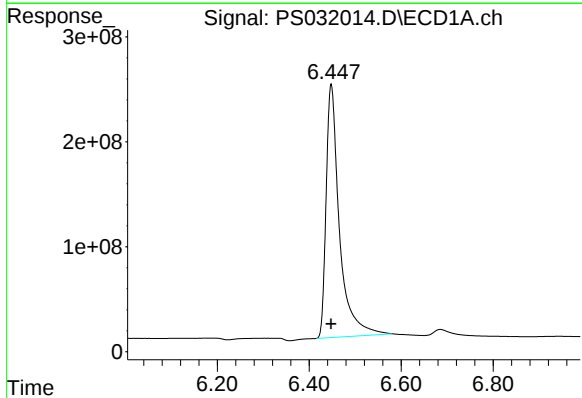
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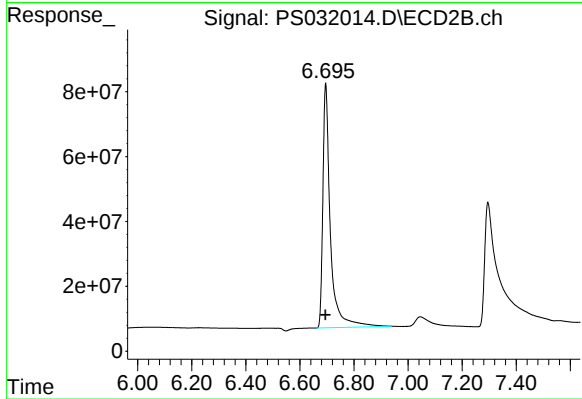
#1 Dalapon

R.T.: 2.687 min
Delta R.T.: -0.002 min
Response: 2555587895
Conc: 679.99 ng/ml



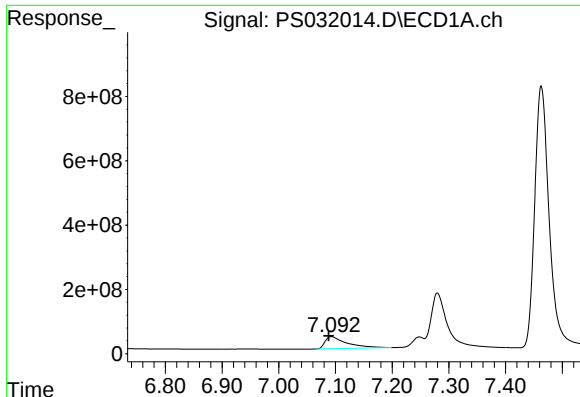
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.448 min
Delta R.T.: 0.000 min
Response: 4839847937
Conc: 687.59 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.695 min
Delta R.T.: 0.002 min
Response: 1459568326
Conc: 699.74 ng/ml



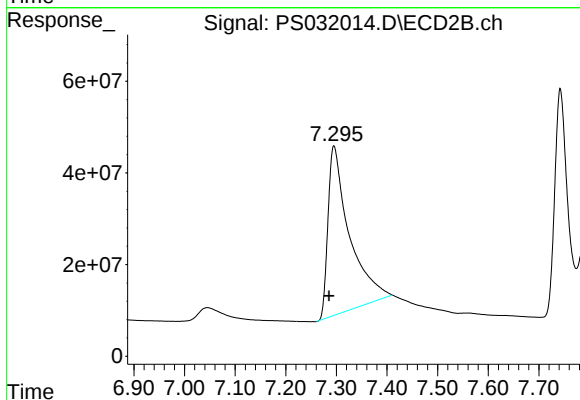
#3 4-Nitrophenol

R.T.: 7.092 min
Delta R.T.: 0.004 min
Response: 1005846917
Conc: 753.62 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

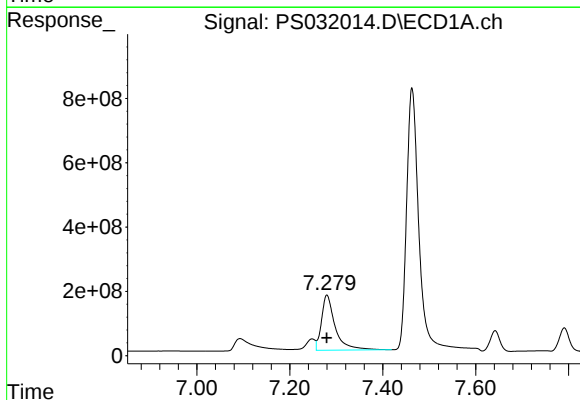
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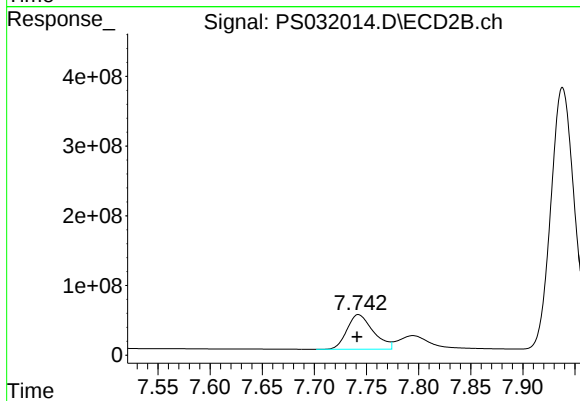
#3 4-Nitrophenol

R.T.: 7.296 min
Delta R.T.: 0.010 min
Response: 1085536337
Conc: 715.39 ng/ml



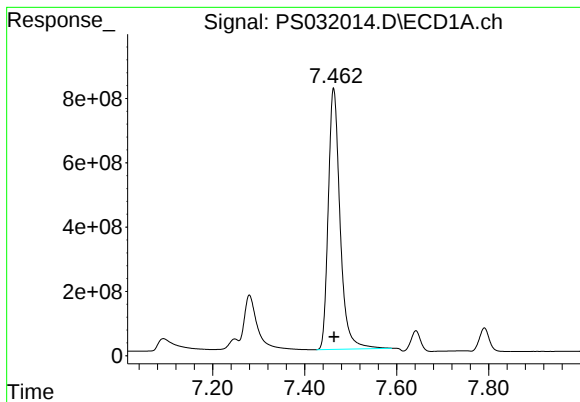
#4 2,4-DCAA

R.T.: 7.280 min
Delta R.T.: 0.000 min
Response: 3512120131
Conc: 736.75 ng/ml



#4 2,4-DCAA

R.T.: 7.742 min
Delta R.T.: 0.001 min
Response: 870631157
Conc: 791.24 ng/ml



#5 DICAMBA

R.T.: 7.463 min
Delta R.T.: -0.001 min
Response: 14473810700
Conc: 691.13 ng/ml

Instrument :

ECD_S

ClientSampleId :

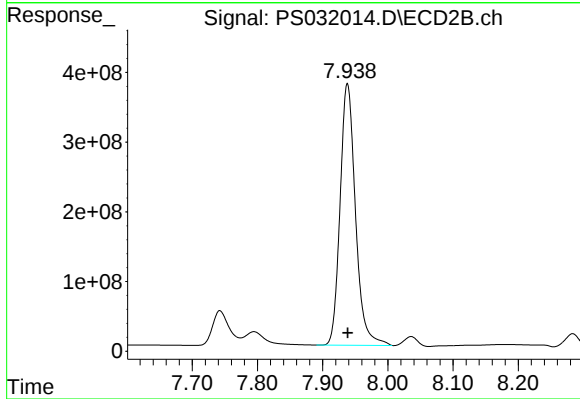
HSTDCCC750

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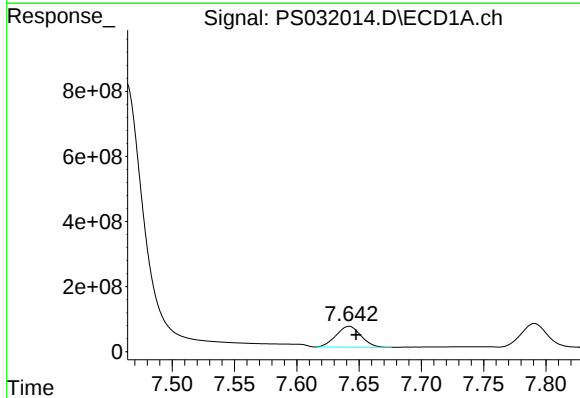
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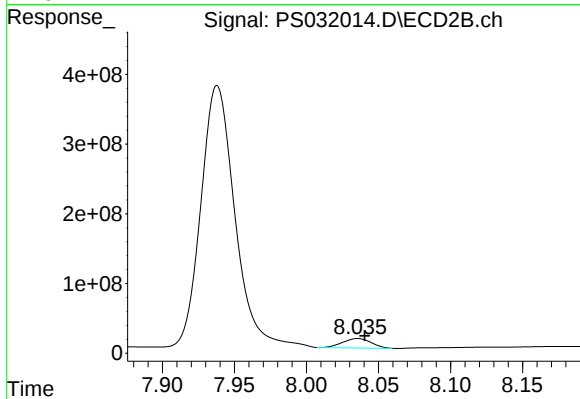
#5 DICAMBA

R.T.: 7.938 min
Delta R.T.: 0.000 min
Response: 6164937542
Conc: 711.81 ng/ml



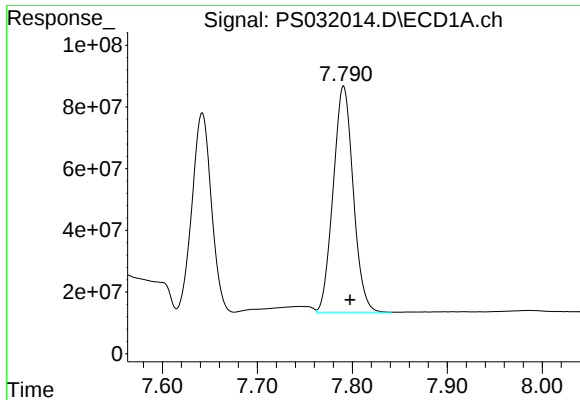
#6 MCP

R.T.: 7.642 min
Delta R.T.: -0.006 min
Response: 888701917
Conc: 72.67 ug/ml



#6 MCP

R.T.: 8.036 min
Delta R.T.: -0.005 min
Response: 184260585
Conc: 74.23 ug/ml



#7 MCPA

R.T.: 7.791 min
Delta R.T.: -0.007 min
Response: 1072327114
Conc: 72.87 ug/ml

Instrument :

ECD_S

ClientSampleId :

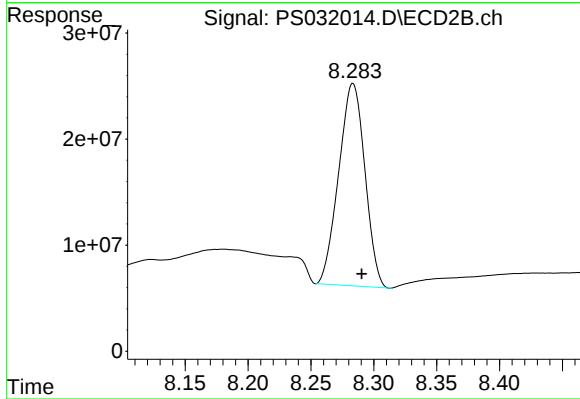
HSTDCCC750

Manual Integrations

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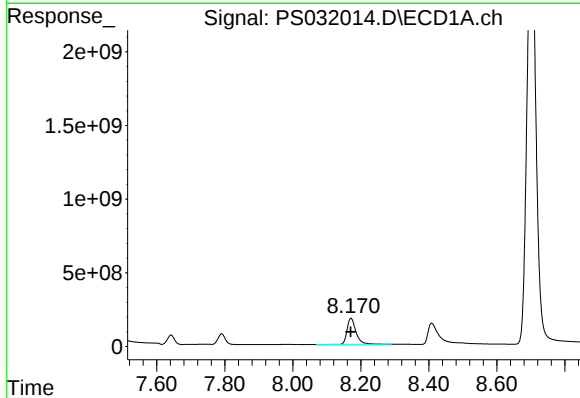
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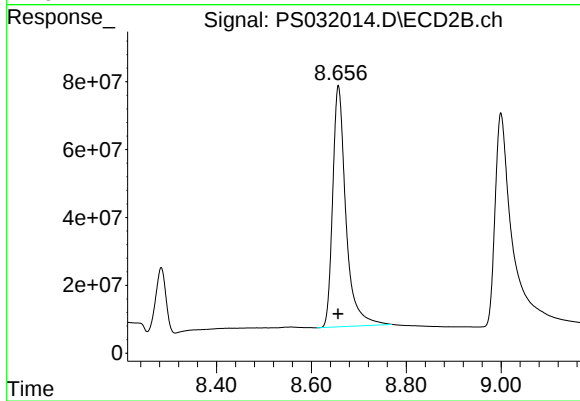
#7 MCPA

R.T.: 8.283 min
Delta R.T.: -0.007 min
Response: 276534296
Conc: 73.31 ug/ml



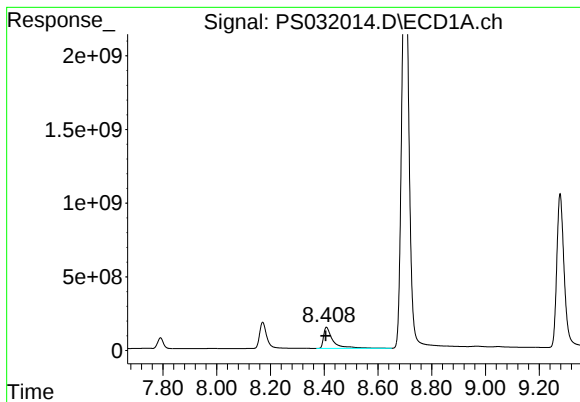
#8 DICHLORPROP

R.T.: 8.171 min
Delta R.T.: 0.000 min
Response: 3236366844
Conc: 680.75 ng/ml



#8 DICHLORPROP

R.T.: 8.657 min
Delta R.T.: 0.000 min
Response: 1372294671
Conc: 700.77 ng/ml



#9 2,4-D

R.T.: 8.408 min
Delta R.T.: 0.002 min
Response: 3475684819
Conc: 715.77 ng/ml

Instrument :

ECD_S

ClientSampleId :

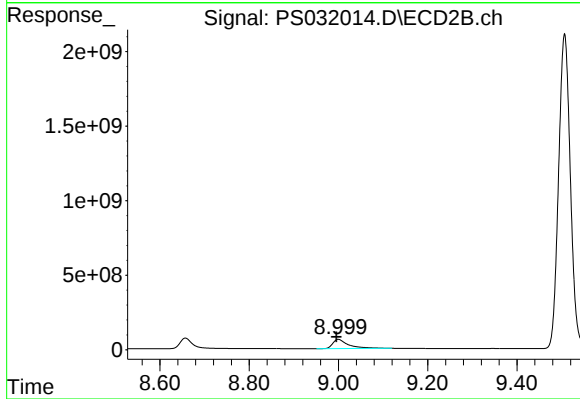
HSTDCCC750

Manual Integrations

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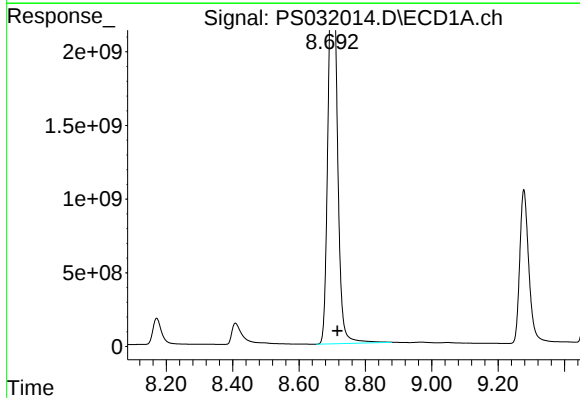
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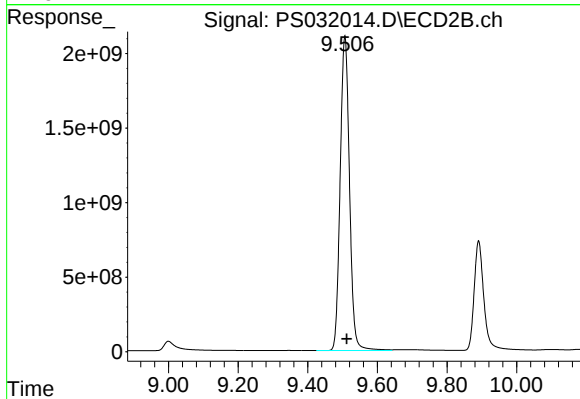
#9 2,4-D

R.T.: 9.000 min
Delta R.T.: 0.004 min
Response: 1496986583
Conc: 720.29 ng/ml



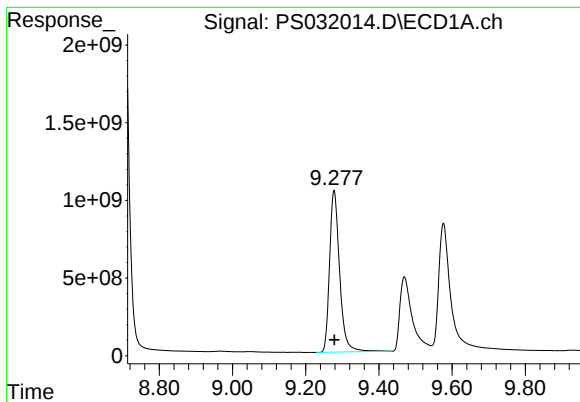
#10 Pentachlorophenol

R.T.: 8.706 min
Delta R.T.: -0.009 min
Response: 48203893846
Conc: 718.18 ng/ml



#10 Pentachlorophenol

R.T.: 9.507 min
Delta R.T.: -0.005 min
Response: 39153141171
Conc: 755.50 ng/ml



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

R.T.: 9.278 min
Delta R.T.: 0.000 min
Response: 19860591373
Conc: 703.23 ng/ml

Instrument :

ECD_S

ClientSampleId :

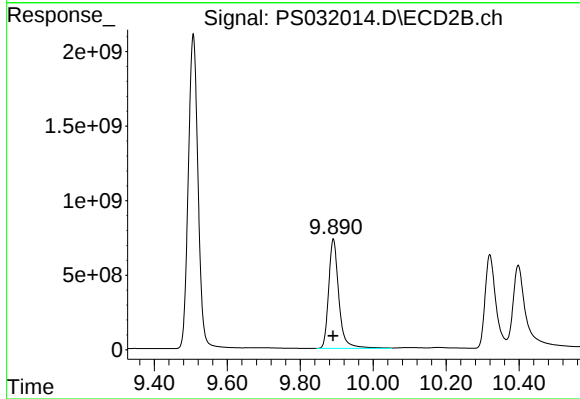
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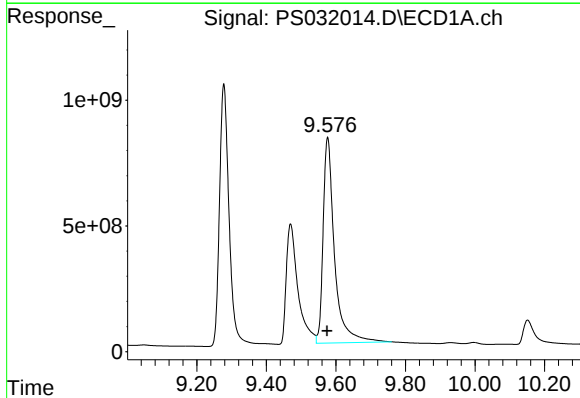
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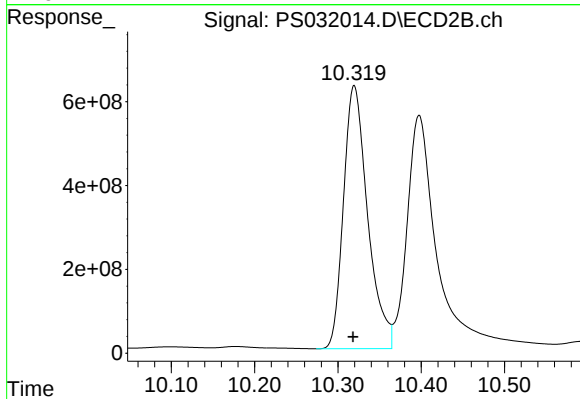
#11 2,4,5-TP (SILVEX)

R.T.: 9.891 min
Delta R.T.: 0.000 min
Response: 14245627891
Conc: 709.63 ng/ml



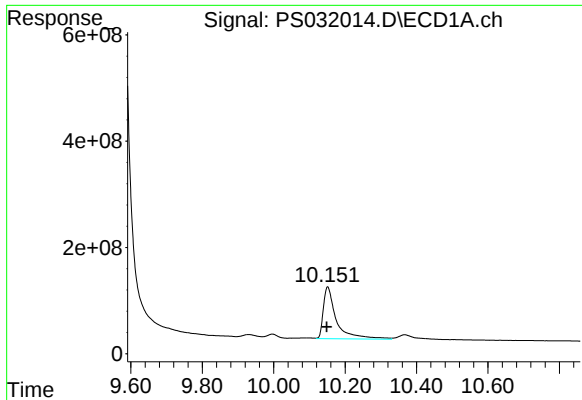
#12 2,4,5-T

R.T.: 9.576 min
Delta R.T.: 0.002 min
Response: 18621825475
Conc: 737.67 ng/ml



#12 2,4,5-T

R.T.: 10.320 min
Delta R.T.: 0.002 min
Response: 12655018001
Conc: 738.13 ng/ml



#13 2,4-DB

R.T.: 10.151 min
Delta R.T.: 0.002 min
Response: 2465605578
Conc: 795.28 ng/ml

Instrument :

ECD_S

ClientSampleId :

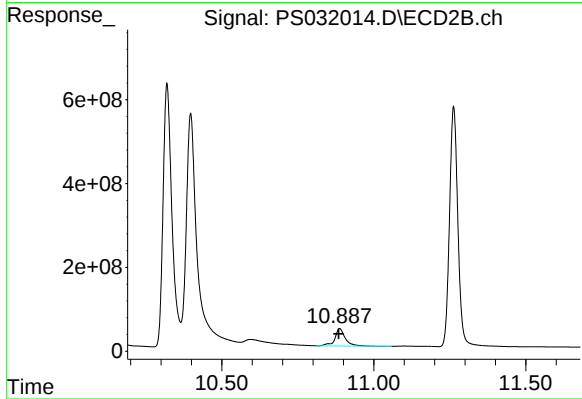
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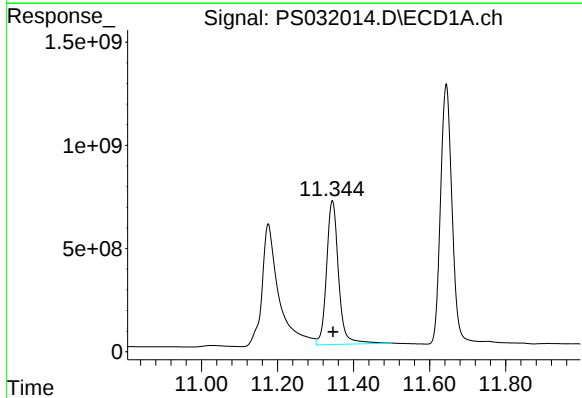
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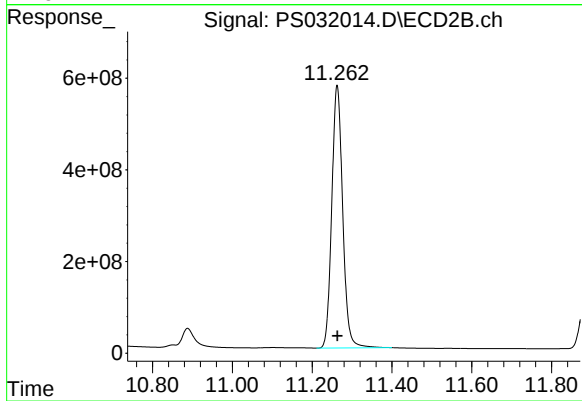
#13 2,4-DB

R.T.: 10.888 min
Delta R.T.: 0.002 min
Response: 989369083
Conc: 765.71 ng/ml



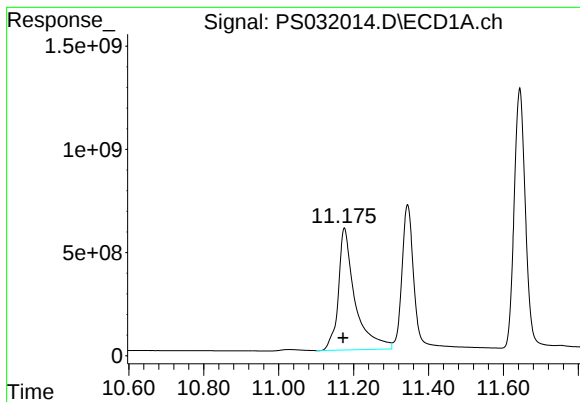
#14 DINOSEB

R.T.: 11.344 min
Delta R.T.: -0.002 min
Response: 15250234741
Conc: 683.84 ng/ml



#14 DINOSEB

R.T.: 11.263 min
Delta R.T.: 0.000 min
Response: 10889245930
Conc: 716.25 ng/ml



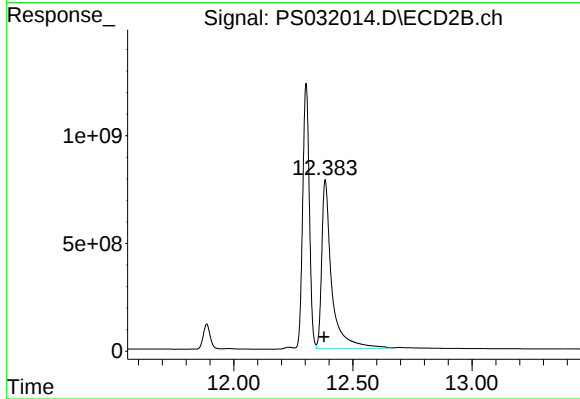
#15 Picloram

R.T.: 11.175 min
Delta R.T.: 0.004 min
Response: 18239308776
Conc: 773.58 ng/ml

Instrument :
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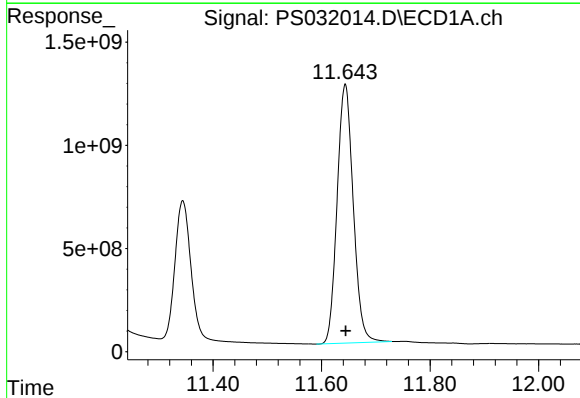
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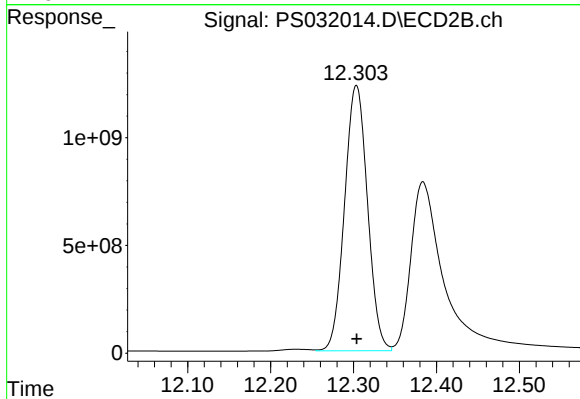
#15 Picloram

R.T.: 12.384 min
Delta R.T.: 0.005 min
Response: 23015203445
Conc: 691.31 ng/ml



#16 DCPA

R.T.: 11.644 min
Delta R.T.: 0.000 min
Response: 25860306618
Conc: 703.87 ng/ml



#16 DCPA

R.T.: 12.303 min
Delta R.T.: 0.000 min
Response: 23678925441
Conc: 712.97 ng/ml