

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS092425\
 Data File : PS031837.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Sep 2025 21:06
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/25/2025
 Supervised By :mohammad ahmed 09/26/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 25 01:58:57 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS090925.M
 Quant Title : 8080.M
 QLast Update : Tue Sep 09 13:56:38 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	7.283	7.741	2635.9E6	683.6E6	731.887	752.155
Target Compounds							
1) T	Dalapon	2.671	2.692	3656.1E6	1802.2E6	632.460	639.624
2) T	3,5-DICHL...	6.450	6.694	3698.7E6	1023.1E6	693.501	670.881
3) T	4-Nitroph...	7.090	7.288	759.3E6	817.6E6	688.270	647.454
5) T	DICAMBA	7.467	7.938	10832.5E6	4542.5E6	694.536	698.111
6) T	MCPD	7.646	8.035	637.7E6	133.2E6	71.333	70.722
7) T	MCPA	7.794	8.283	815.3E6	195.7E6	73.379	69.876
8) T	DICHLORPROP	8.175	8.656	2494.4E6	971.1E6	700.329	667.420
9) T	2,4-D	8.410	8.996	2513.7E6	1074.2E6	733.781	652.975
10) T	Pentachlo...	8.706	9.507	40515.7E6	28616.8E6	763.097	720.999
11) T	2,4,5-TP ...	9.283	9.891	15187.9E6	10614.3E6	724.142	705.069
12) T	2,4,5-T	9.578	10.319	14110.9E6	9667.7E6	771.167	718.410
13) T	2,4-DB	10.151	10.886	1855.9E6	714.0E6	795.588m	667.261
14) T	DINOSEB	11.350	11.264	10608.0E6	7135.5E6	735.508	734.058
15) T	Picloram	11.177	12.380	15216.9E6	16941.9E6	844.861	715.352
16) T	DCPA	11.649	12.304	19836.3E6	16994.1E6	736.044	705.028m

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

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Acq On : 24 Sep 2025 21:06
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

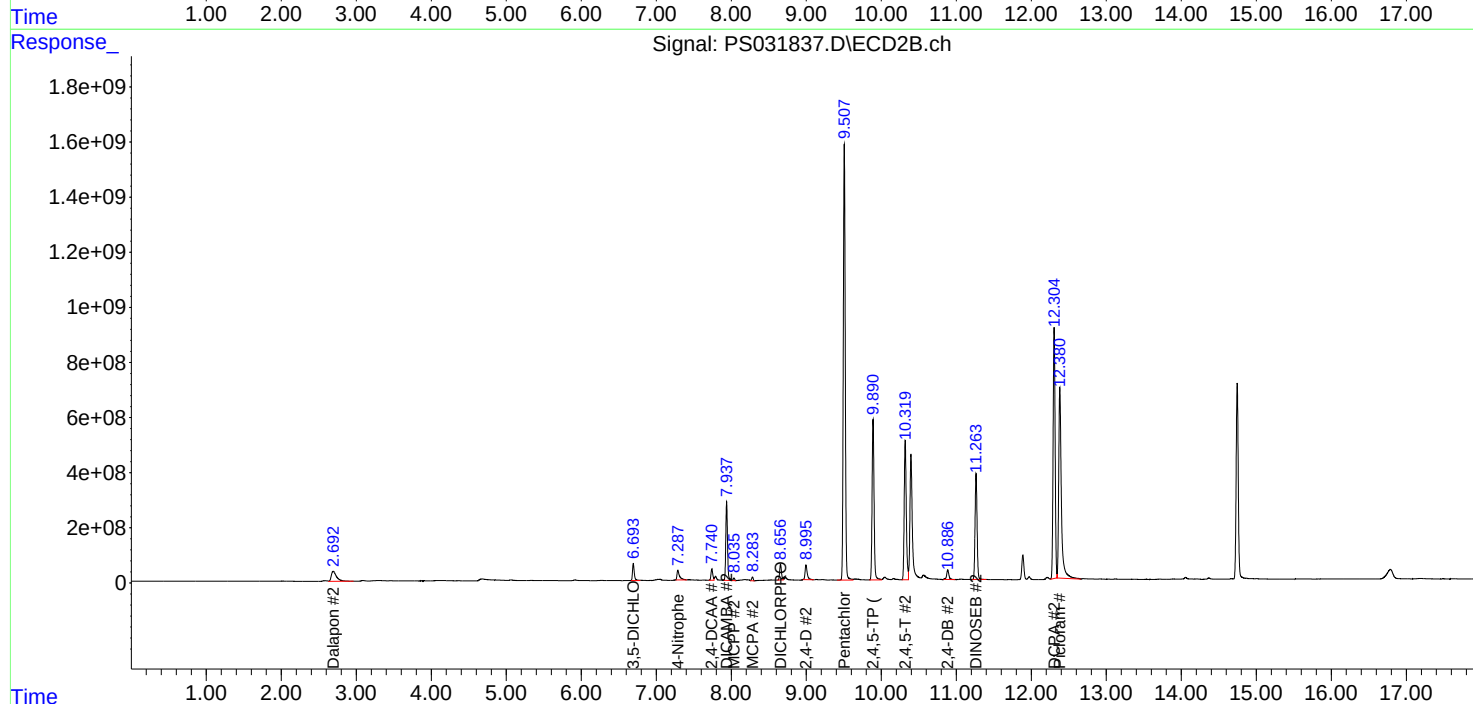
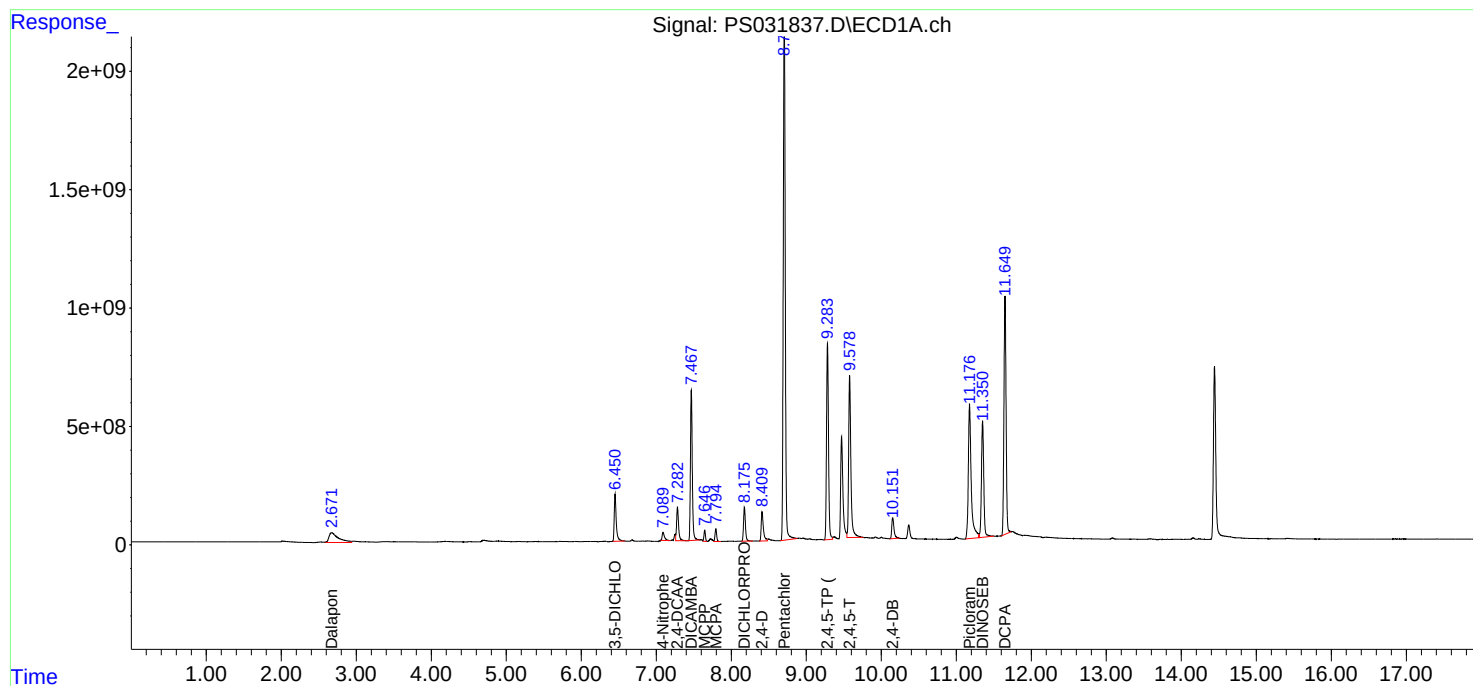
Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

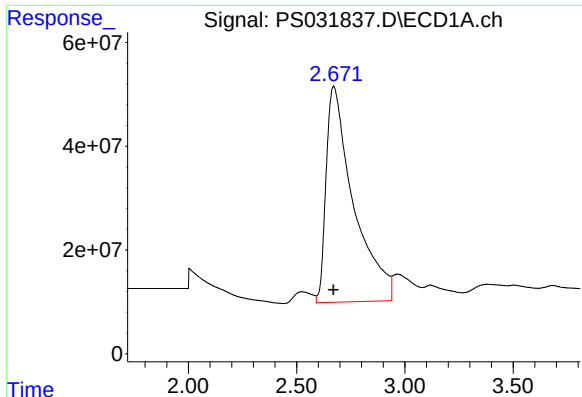
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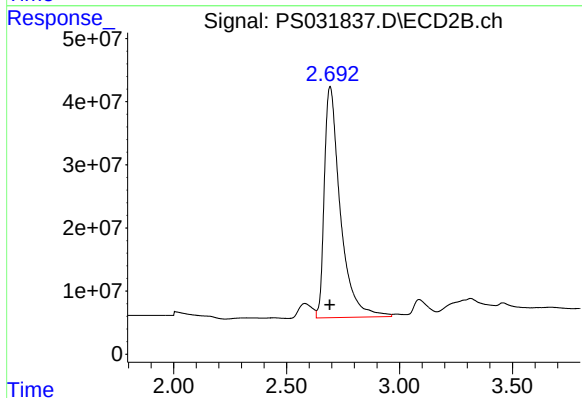
#1 Dalapon

R.T.: 2.671 min
Delta R.T.: 0.000 min
Response: 3656092335
Conc: 632.46 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

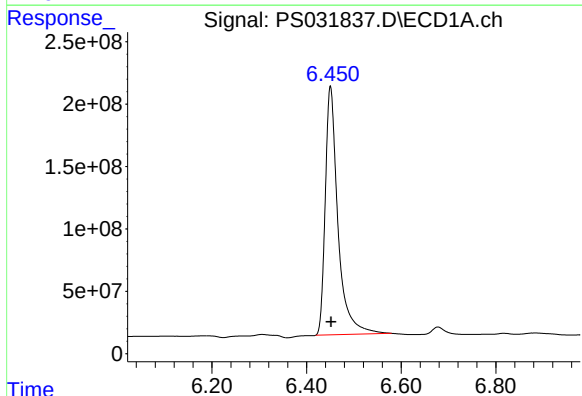
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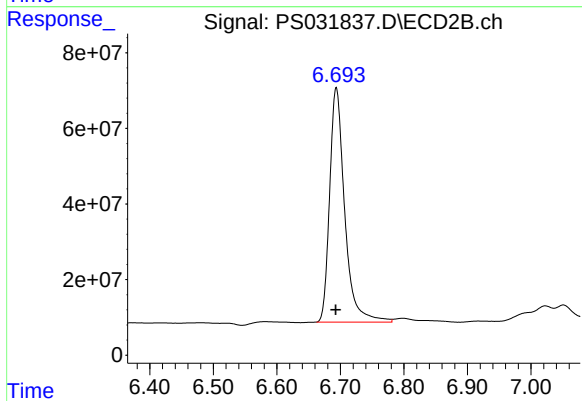
#1 Dalapon

R.T.: 2.692 min
Delta R.T.: 0.000 min
Response: 1802223202
Conc: 639.62 ng/ml



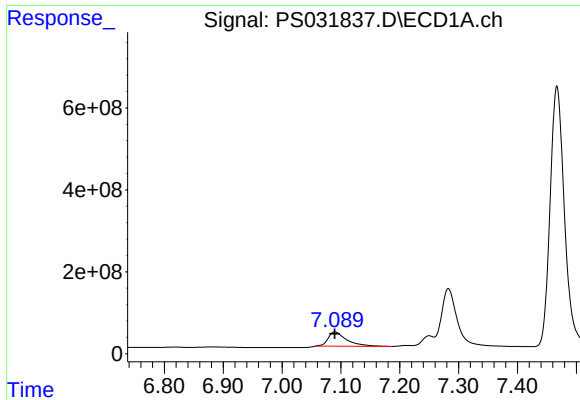
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.450 min
Delta R.T.: -0.001 min
Response: 3698690742
Conc: 693.50 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.694 min
Delta R.T.: 0.000 min
Response: 1023070675
Conc: 670.88 ng/ml



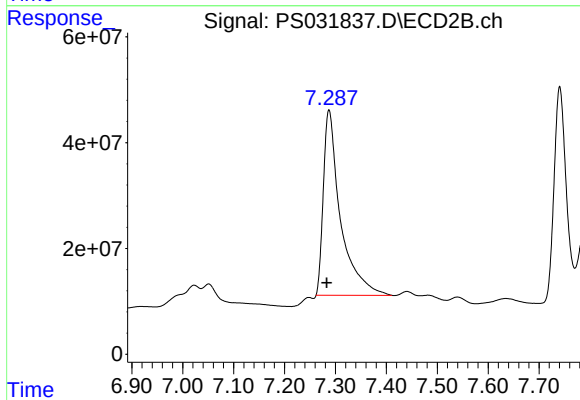
#3 4-Nitrophenol

R.T.: 7.090 min
Delta R.T.: 0.000 min
Response: 759305667
Conc: 688.27 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

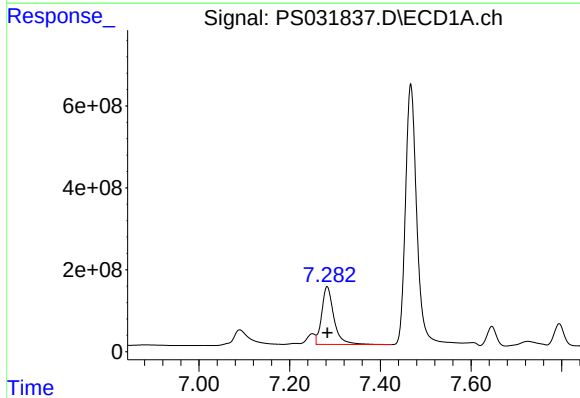
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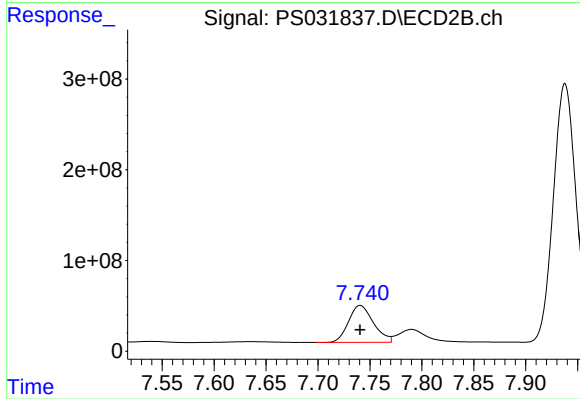
#3 4-Nitrophenol

R.T.: 7.288 min
Delta R.T.: 0.005 min
Response: 817596345
Conc: 647.45 ng/ml



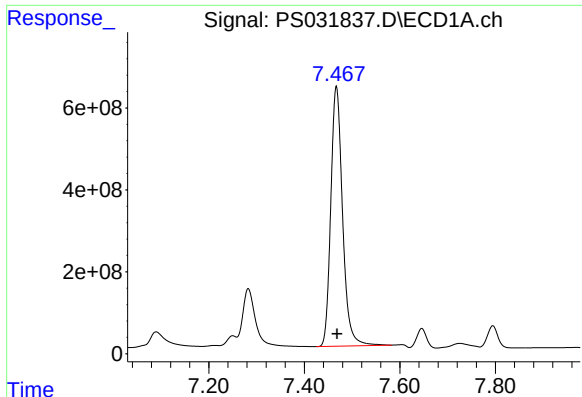
#4 2,4-DCAA

R.T.: 7.283 min
Delta R.T.: 0.000 min
Response: 2635911098
Conc: 731.89 ng/ml



#4 2,4-DCAA

R.T.: 7.741 min
Delta R.T.: 0.000 min
Response: 683633157
Conc: 752.15 ng/ml



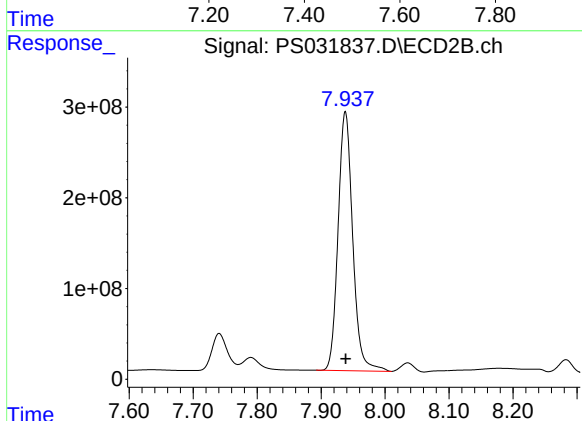
#5 DICAMBA

R.T.: 7.467 min
Delta R.T.: -0.002 min
Response: 10832483361
Conc: 694.54 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

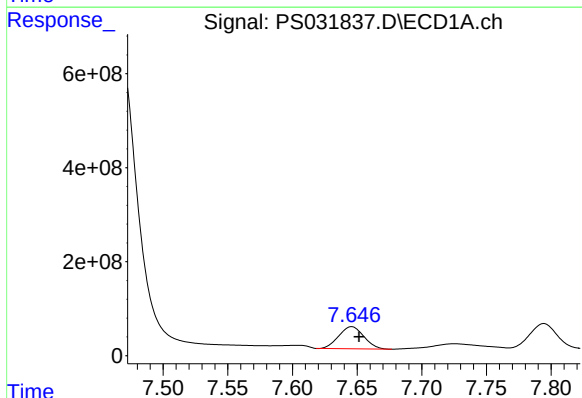
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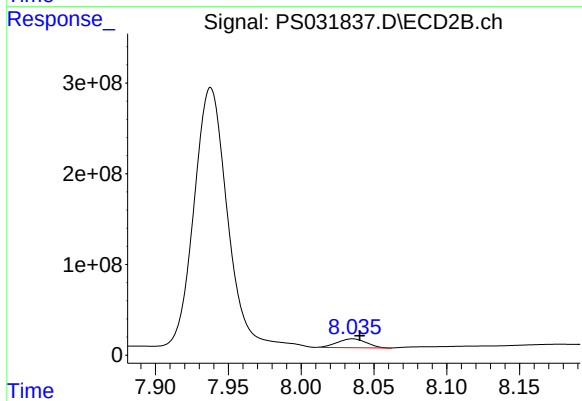
#5 DICAMBA

R.T.: 7.938 min
Delta R.T.: 0.000 min
Response: 4542501274
Conc: 698.11 ng/ml



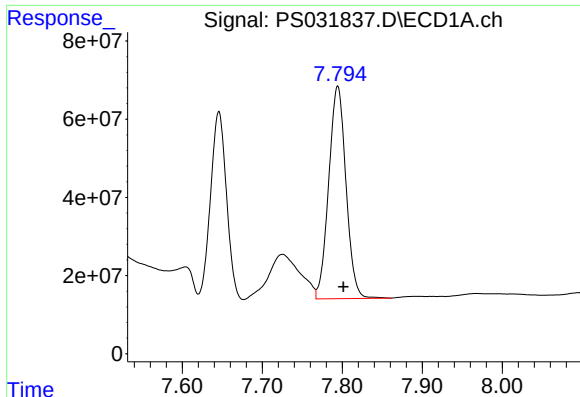
#6 MCPP

R.T.: 7.646 min
Delta R.T.: -0.006 min
Response: 637659640
Conc: 71.33 ug/ml



#6 MCPP

R.T.: 8.035 min
Delta R.T.: -0.005 min
Response: 133197697
Conc: 70.72 ug/ml



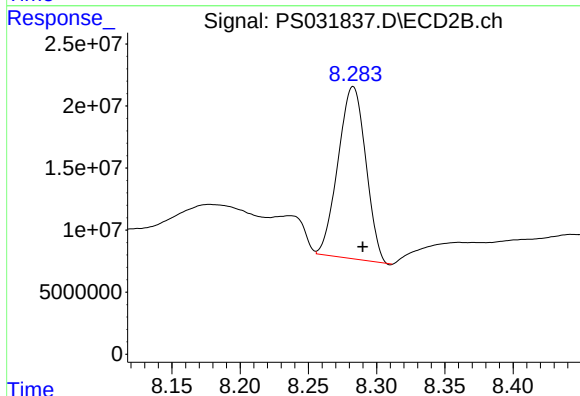
#7 MCPA

R.T.: 7.794 min
Delta R.T.: -0.007 min
Response: 815275976
Conc: 73.38 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

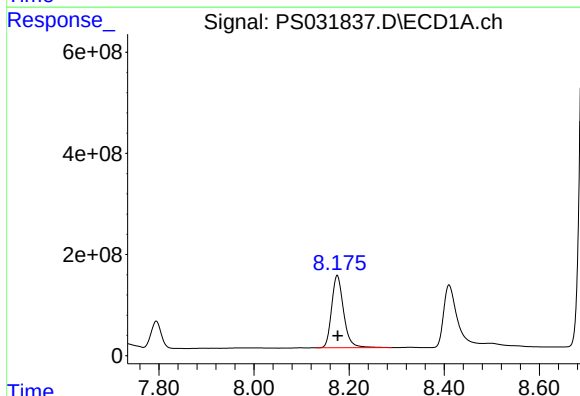
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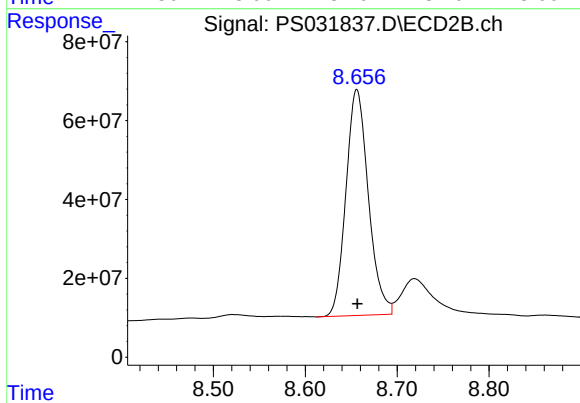
#7 MCPA

R.T.: 8.283 min
Delta R.T.: -0.007 min
Response: 195738590
Conc: 69.88 ug/ml



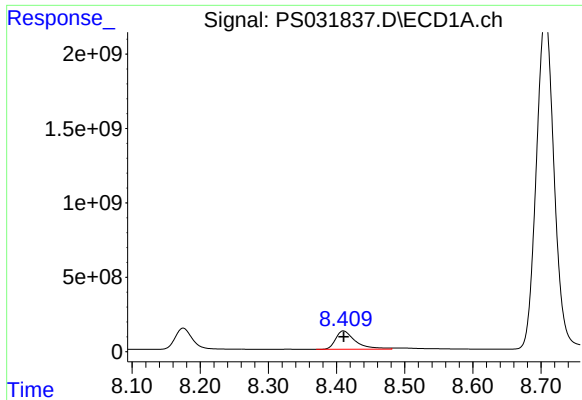
#8 DICHLORPROP

R.T.: 8.175 min
Delta R.T.: -0.001 min
Response: 2494405032
Conc: 700.33 ng/ml



#8 DICHLORPROP

R.T.: 8.656 min
Delta R.T.: 0.000 min
Response: 971136465
Conc: 667.42 ng/ml



#9 2,4-D

R.T.: 8.410 min
Delta R.T.: 0.000 min
Response: 2513671071
Conc: 733.78 ng/ml

Instrument :

ECD_S

ClientSampleId :

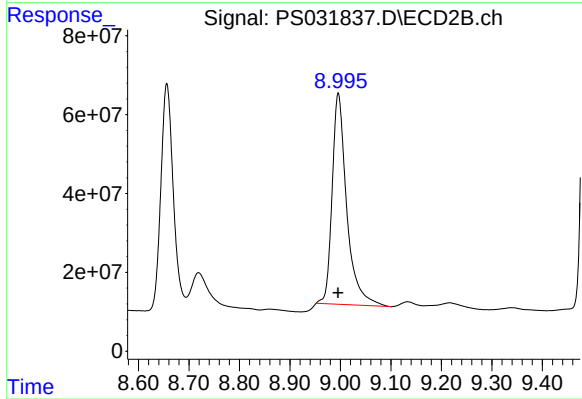
HSTDCCC750

Manual Integrations

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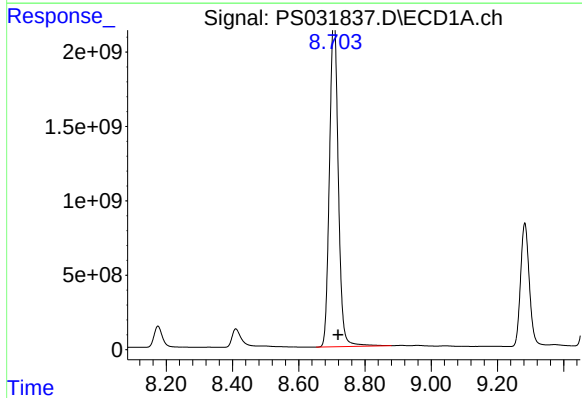
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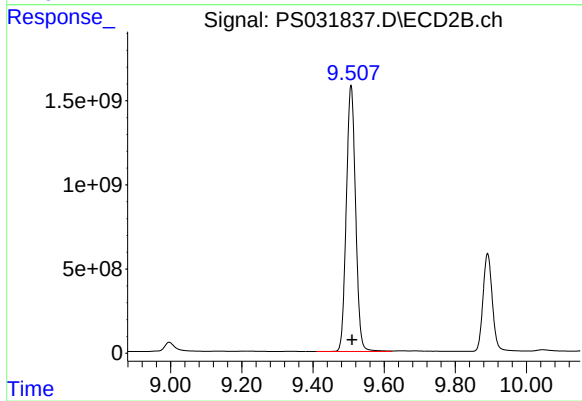
#9 2,4-D

R.T.: 8.996 min
Delta R.T.: 0.000 min
Response: 1074216909
Conc: 652.98 ng/ml



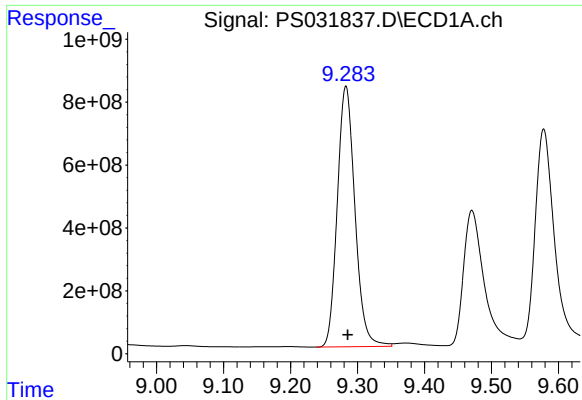
#10 Pentachlorophenol

R.T.: 8.706 min
Delta R.T.: -0.012 min
Response: 40515748842
Conc: 763.10 ng/ml



#10 Pentachlorophenol

R.T.: 9.507 min
Delta R.T.: -0.003 min
Response: 28616839114
Conc: 721.00 ng/ml



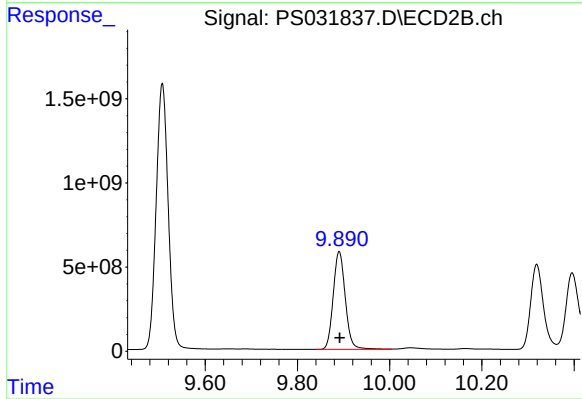
#11 2,4,5-TP (SILVEX)

R.T.: 9.283 min
Delta R.T.: -0.002 min
Response: 15187922865
Conc: 724.14 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

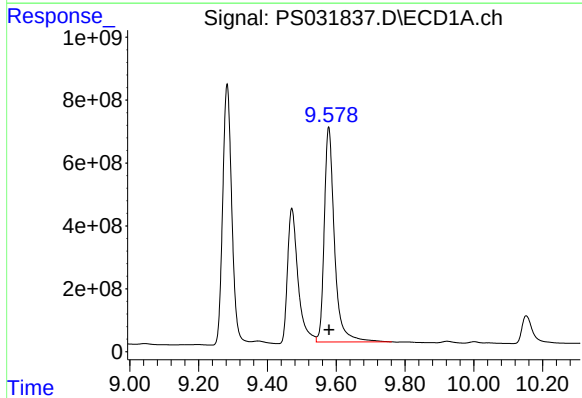
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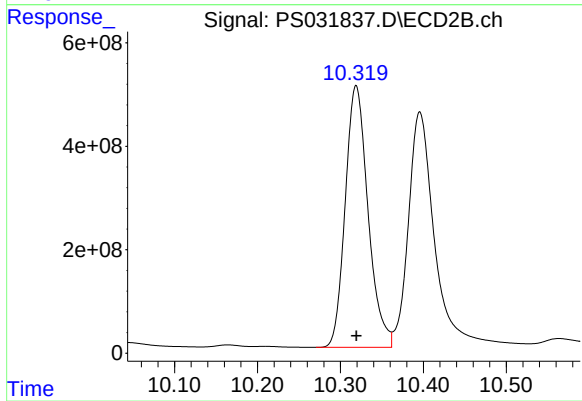
#11 2,4,5-TP (SILVEX)

R.T.: 9.891 min
Delta R.T.: -0.001 min
Response: 10614326170
Conc: 705.07 ng/ml



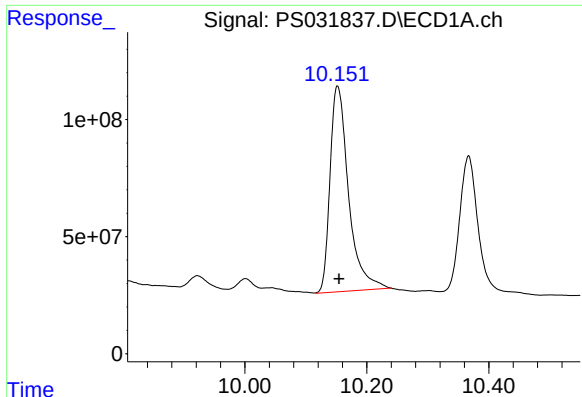
#12 2,4,5-T

R.T.: 9.578 min
Delta R.T.: -0.002 min
Response: 14110939951
Conc: 771.17 ng/ml



#12 2,4,5-T

R.T.: 10.319 min
Delta R.T.: 0.000 min
Response: 9667657017
Conc: 718.41 ng/ml



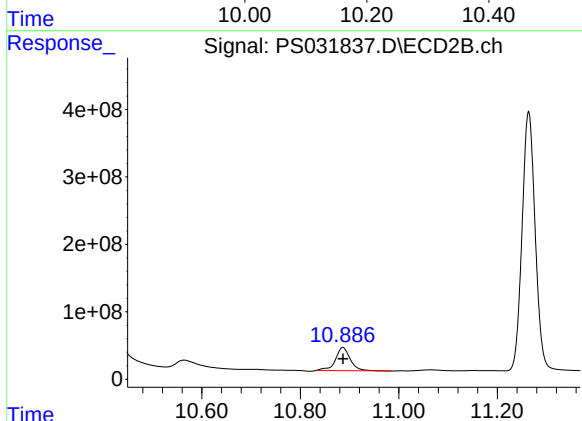
#13 2,4-DB

R.T.: 10.151 min
Delta R.T.: -0.003 min
Response: 1855920754
Conc: 795.59 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

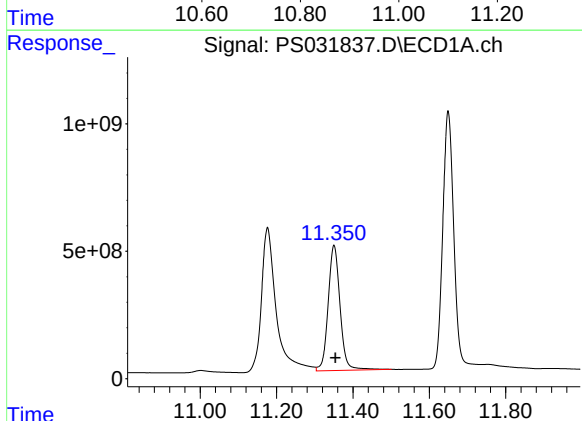
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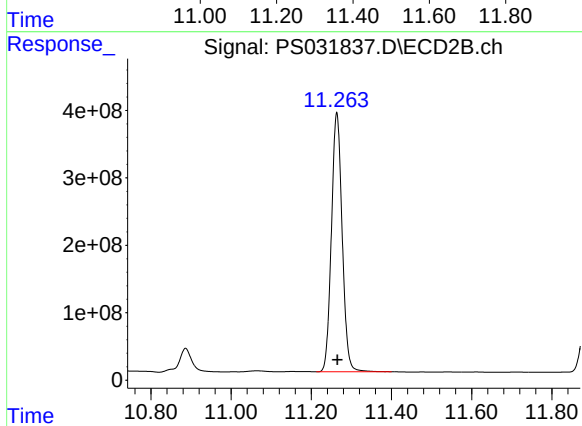
#13 2,4-DB

R.T.: 10.886 min
Delta R.T.: 0.000 min
Response: 713998935
Conc: 667.26 ng/ml



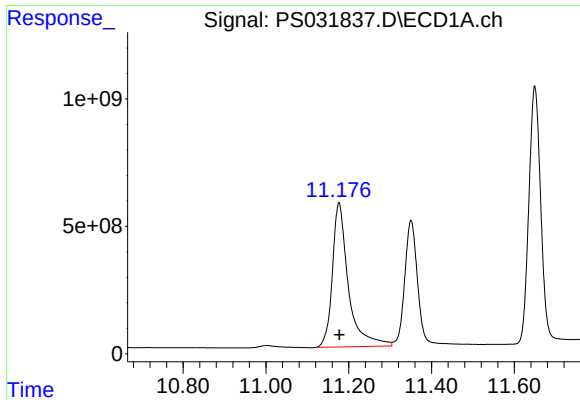
#14 DINOSEB

R.T.: 11.350 min
Delta R.T.: -0.004 min
Response: 10608010104
Conc: 735.51 ng/ml



#14 DINOSEB

R.T.: 11.264 min
Delta R.T.: -0.002 min
Response: 7135541542
Conc: 734.06 ng/ml



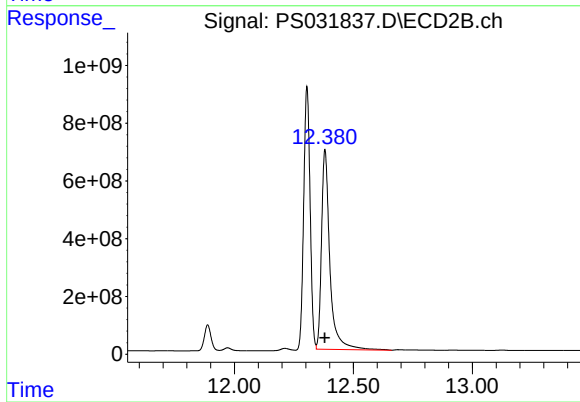
#15 Picloram

R.T.: 11.177 min
Delta R.T.: -0.001 min
Response: 15216862391
Conc: 844.86 ng/ml

Instrument :
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ClientSampleId :
HSTDCCC750

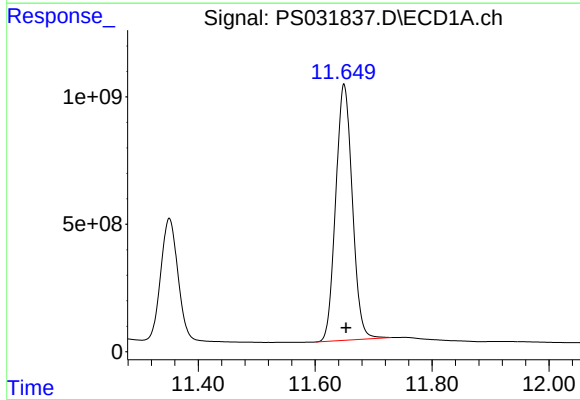
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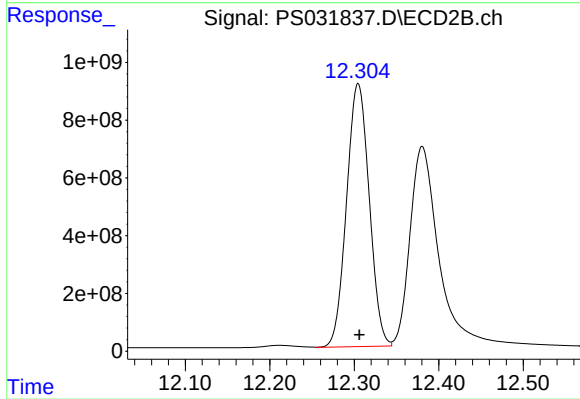
#15 Picloram

R.T.: 12.380 min
Delta R.T.: 0.000 min
Response: 16941867448
Conc: 715.35 ng/ml



#16 DCPA

R.T.: 11.649 min
Delta R.T.: -0.003 min
Response: 19836307310
Conc: 736.04 ng/ml



#16 DCPA

R.T.: 12.304 min
Delta R.T.: -0.002 min
Response: 16994065521
Conc: 705.03 ng/ml m