

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS091225\
 Data File : PS031737.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Sep 2025 22:47
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/15/2025
 Supervised By :mohammad ahmed 09/16/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 15 01:29:09 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	7.285	7.742	2919.0E6	720.9E6	810.486	793.134
Target Compounds							
1) T	Dalapon	2.670	2.692	4053.3E6	2009.3E6	701.175	713.107
2) T	3,5-DICHL...	6.452	6.694	4011.9E6	1127.0E6	752.223	739.003
3) T	4-Nitroph...	7.091	7.290	872.2E6	940.6E6	790.585m	744.836
5) T	DICAMBA	7.469	7.939	12088.7E6	4891.2E6	775.079	751.699
6) T	MCPD	7.648	8.037	721.1E6	151.3E6	80.666	80.334
7) T	MCPA	7.796	8.284	876.5E6	218.6E6	78.887	78.035
8) T	DICHLORPROP	8.177	8.657	2687.0E6	1113.8E6	754.396	765.442
9) T	2,4-D	8.411	8.998	2719.2E6	1240.5E6	793.769	754.060
10) T	Pentachlo...	8.710	9.508	43096.0E6	31373.9E6	811.695	790.464
11) T	2,4,5-TP ...	9.284	9.892	16484.1E6	11431.5E6	785.941	759.353
12) T	2,4,5-T	9.581	10.320	15456.4E6	10440.3E6	844.698	775.823
13) T	2,4-DB	10.156	10.888	1780.1E6	767.4E6	763.069m	717.126
14) T	DINOSEB	11.353	11.265	11184.4E6	8205.7E6	775.471m	844.149m
15) T	Picloram	11.178	12.383	15399.2E6	19517.9E6	854.984m	824.124
16) T	DCPA	11.652	12.307	21589.2E6	17973.9E6	801.088	745.679

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

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Acq On : 12 Sep 2025 22:47
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 23 Sample Multiplier: 1

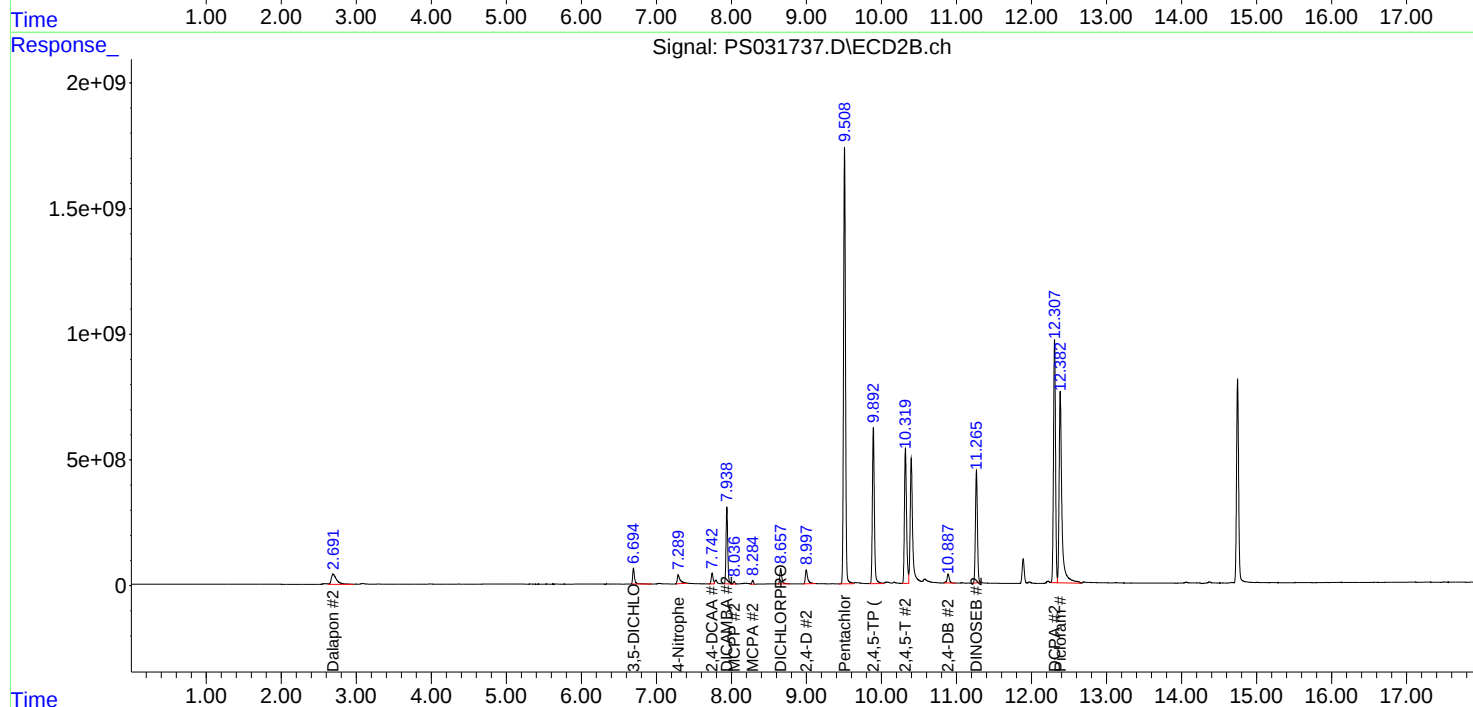
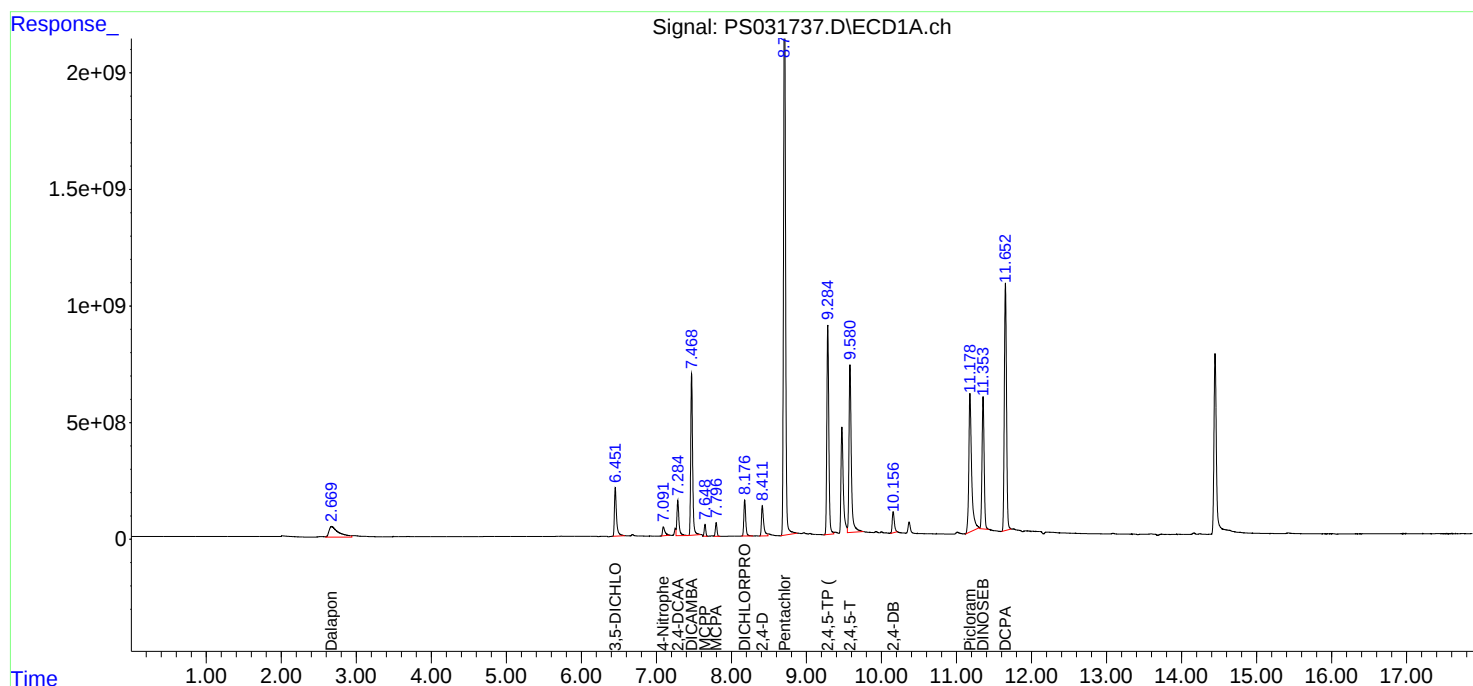
Instrument :
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ClientSampleId :
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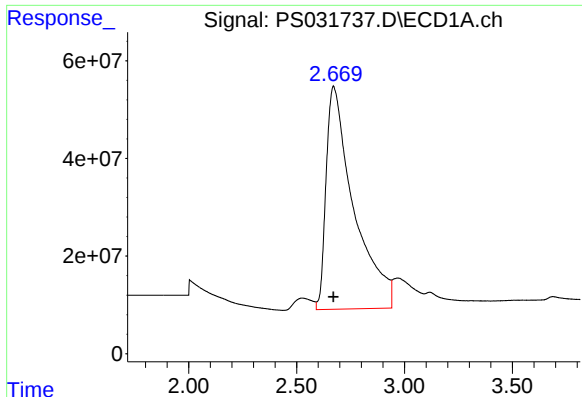
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Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





#1 Dalapon

R.T.: 2.670 min
Delta R.T.: 0.000 min
Response: 4053314667
Conc: 701.18 ng/ml

Instrument :

ECD_S

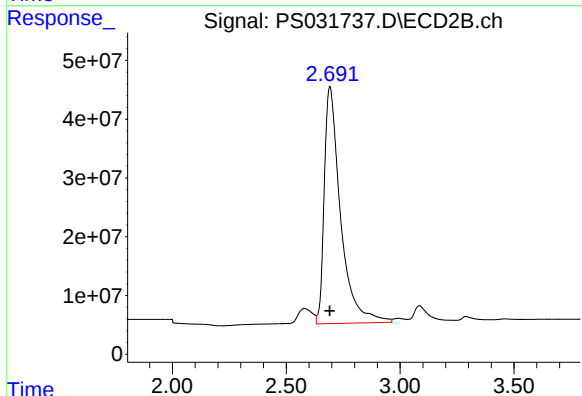
ClientSampleId :

HSTDCCC750

Manual Integrations

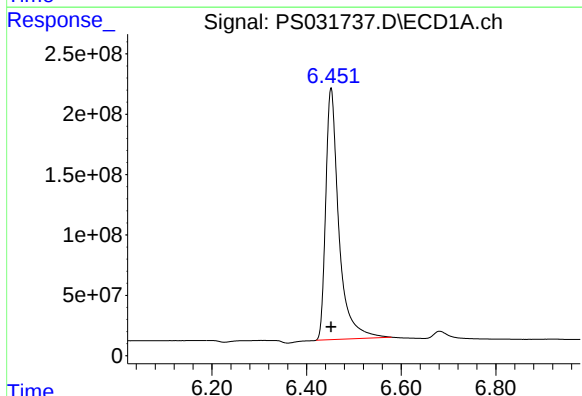
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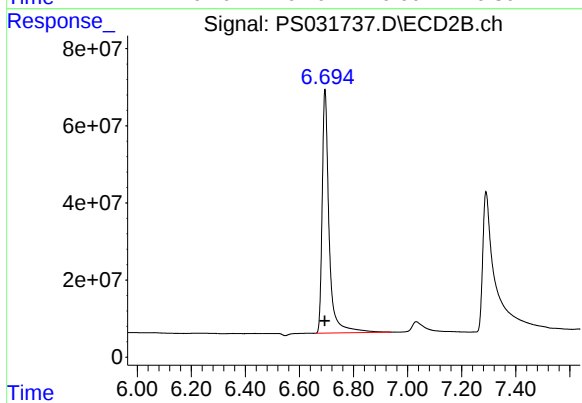
#1 Dalapon

R.T.: 2.692 min
Delta R.T.: 0.000 min
Response: 2009269524
Conc: 713.11 ng/ml



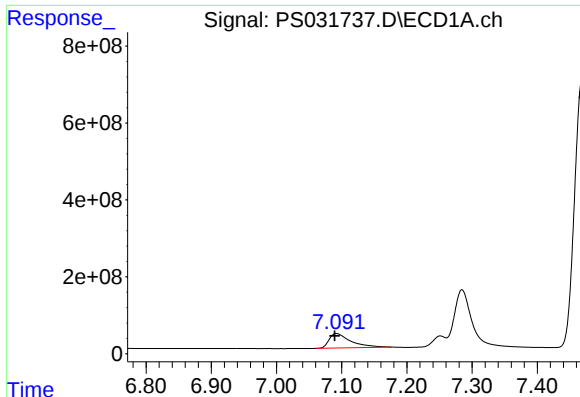
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.452 min
Delta R.T.: 0.000 min
Response: 4011876750
Conc: 752.22 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.694 min
Delta R.T.: 0.001 min
Response: 1126953771
Conc: 739.00 ng/ml



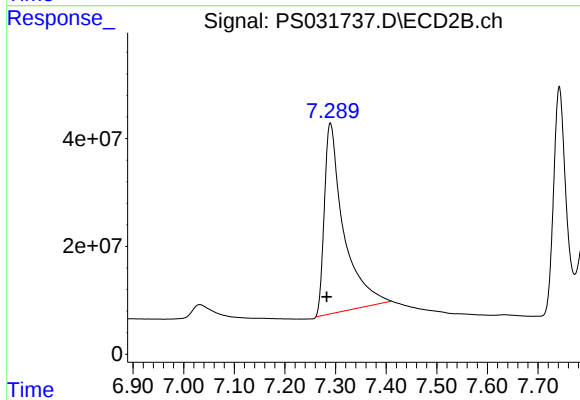
#3 4-Nitrophenol

R.T.: 7.091 min
Delta R.T.: 0.002 min
Response: 872180461
Conc: 790.58 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

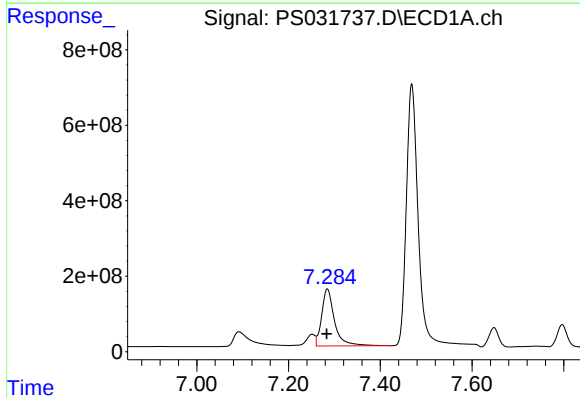
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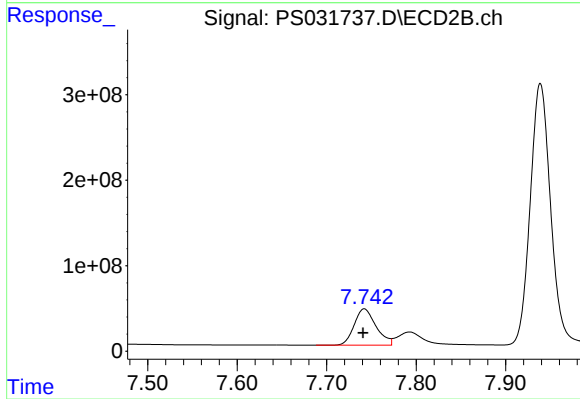
#3 4-Nitrophenol

R.T.: 7.290 min
Delta R.T.: 0.007 min
Response: 940569170
Conc: 744.84 ng/ml



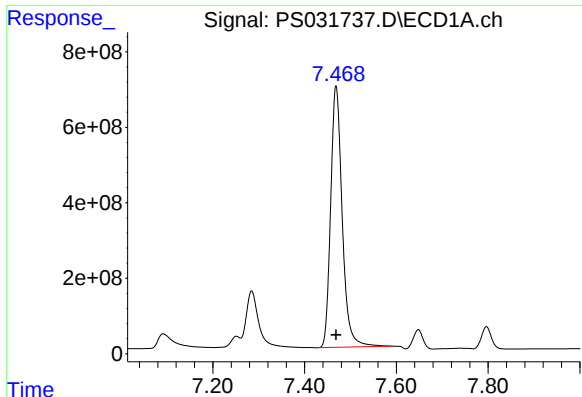
#4 2,4-DCAA

R.T.: 7.285 min
Delta R.T.: 0.001 min
Response: 2918989159
Conc: 810.49 ng/ml



#4 2,4-DCAA

R.T.: 7.742 min
Delta R.T.: 0.002 min
Response: 720878822
Conc: 793.13 ng/ml



#5 DICAMBA

R.T.: 7.469 min
Delta R.T.: 0.000 min
Response: 12088677426
Conc: 775.08 ng/ml

Instrument :

ECD_S

ClientSampleId :

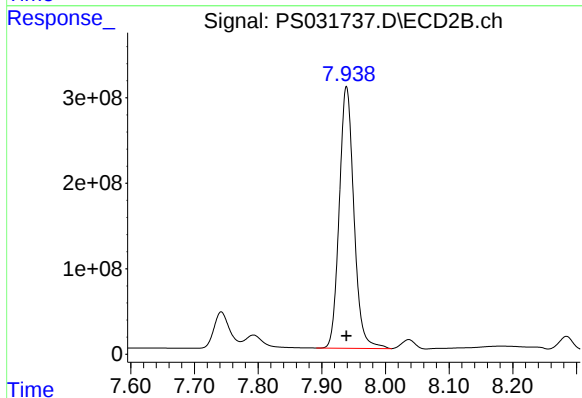
HSTDCCC750

Manual Integrations

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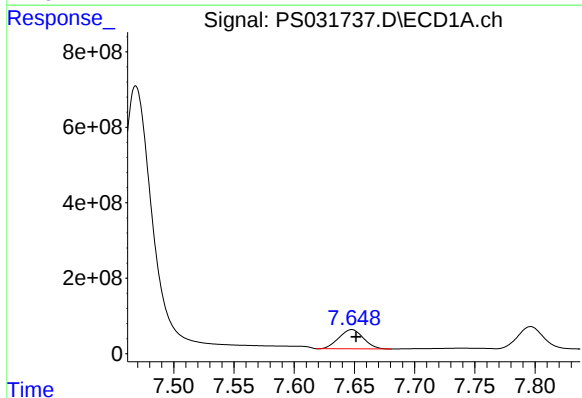
Reviewed By :Abdul Mirza 09/15/2025

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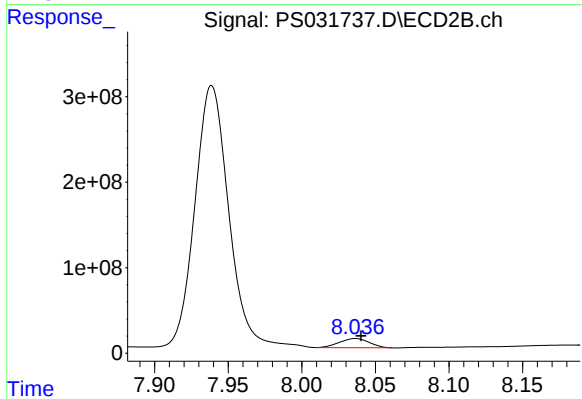
#5 DICAMBA

R.T.: 7.939 min
Delta R.T.: 0.000 min
Response: 4891194493
Conc: 751.70 ng/ml



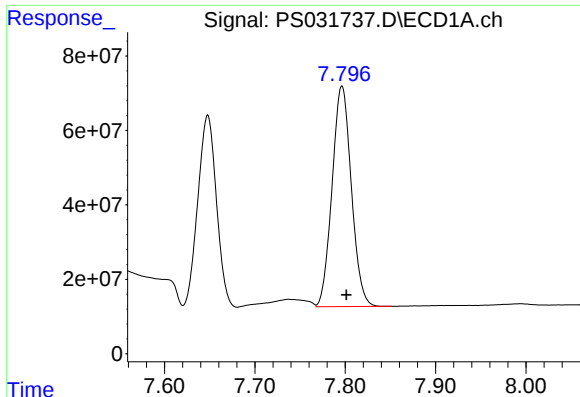
#6 MCP

R.T.: 7.648 min
Delta R.T.: -0.004 min
Response: 721089286
Conc: 80.67 ug/ml



#6 MCP

R.T.: 8.037 min
Delta R.T.: -0.004 min
Response: 151300657
Conc: 80.33 ug/ml



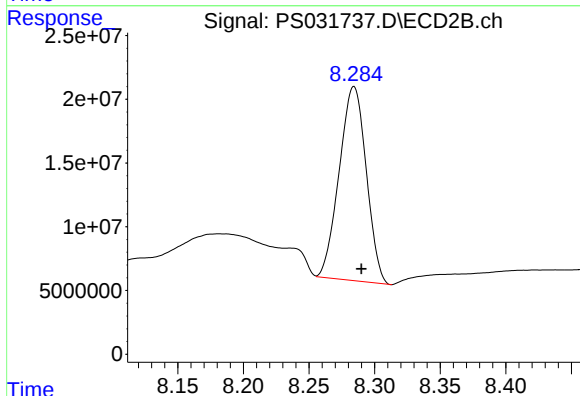
#7 MCPA

R.T.: 7.796 min
Delta R.T.: -0.005 min
Response: 876472951
Conc: 78.89 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

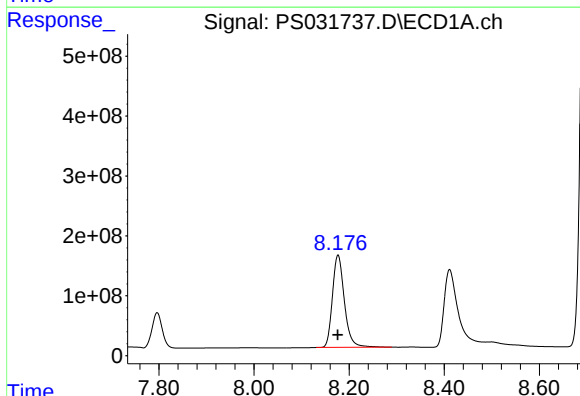
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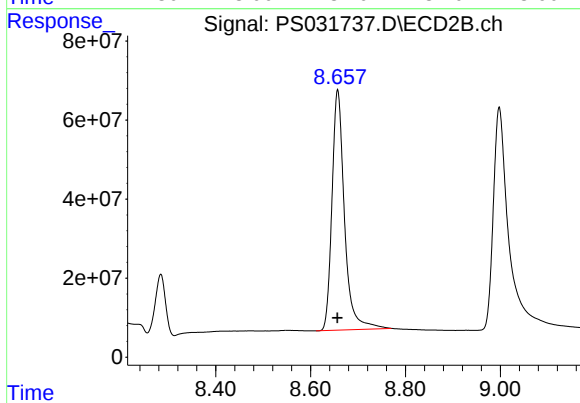
#7 MCPA

R.T.: 8.284 min
Delta R.T.: -0.006 min
Response: 218593656
Conc: 78.04 ug/ml



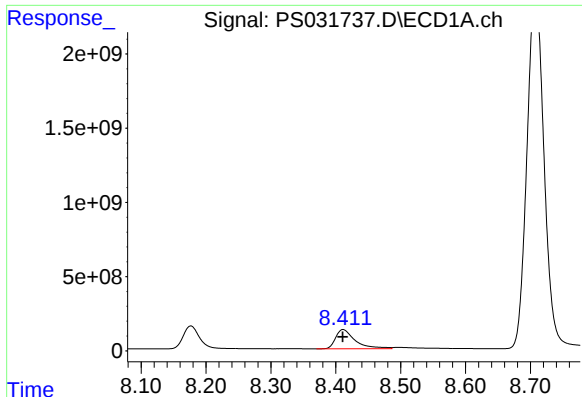
#8 DICHLORPROP

R.T.: 8.177 min
Delta R.T.: 0.000 min
Response: 2686978299
Conc: 754.40 ng/ml



#8 DICHLORPROP

R.T.: 8.657 min
Delta R.T.: 0.000 min
Response: 1113764341
Conc: 765.44 ng/ml



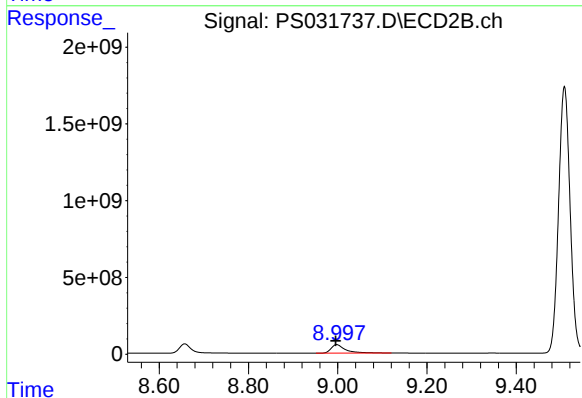
#9 2,4-D

R.T.: 8.411 min
Delta R.T.: 0.000 min
Response: 2719168754
Conc: 793.77 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

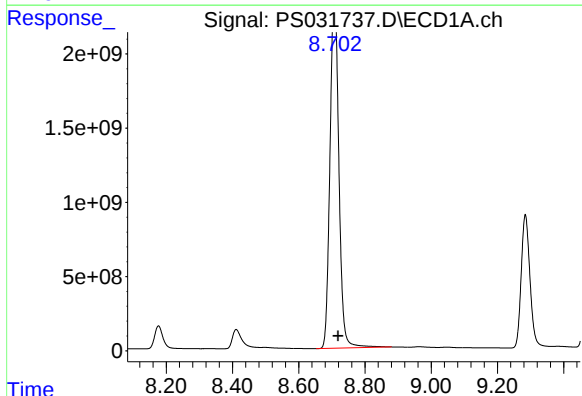
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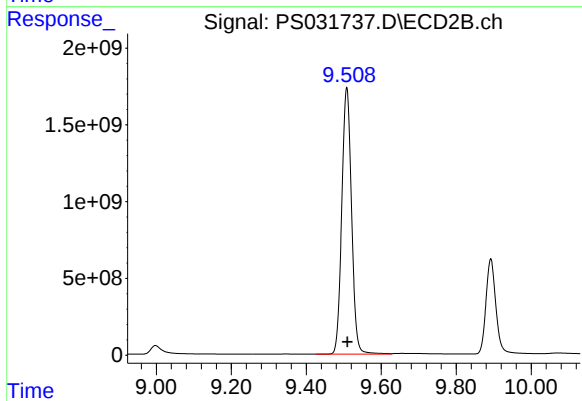
#9 2,4-D

R.T.: 8.998 min
Delta R.T.: 0.002 min
Response: 1240512649
Conc: 754.06 ng/ml



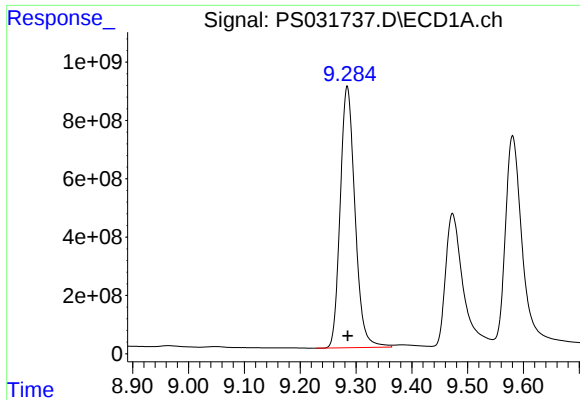
#10 Pentachlorophenol

R.T.: 8.710 min
Delta R.T.: -0.008 min
Response: 43095999867
Conc: 811.69 ng/ml



#10 Pentachlorophenol

R.T.: 9.508 min
Delta R.T.: -0.002 min
Response: 31373945561
Conc: 790.46 ng/ml



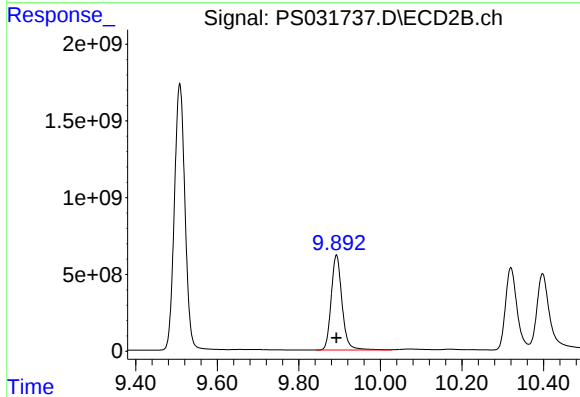
#11 2,4,5-TP (SILVEX)

R.T.: 9.284 min
Delta R.T.: 0.000 min
Response: 16484073248
Conc: 785.94 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

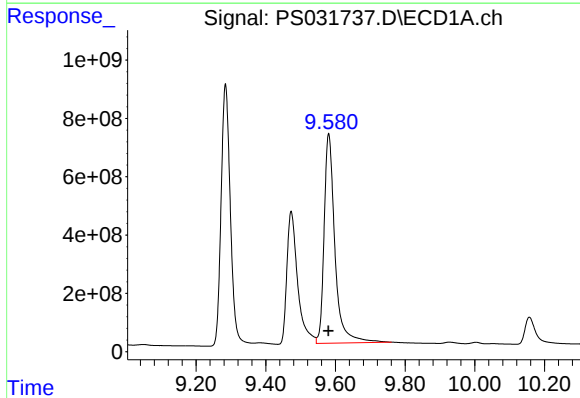
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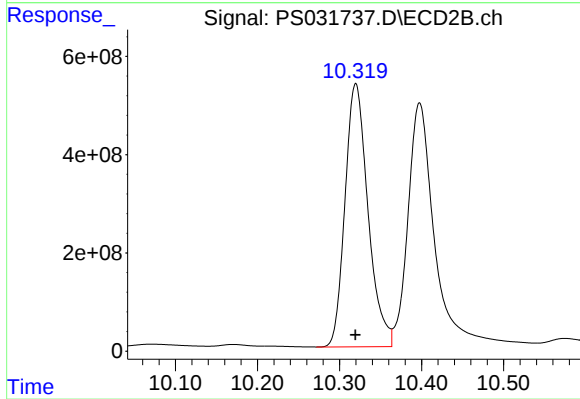
#11 2,4,5-TP (SILVEX)

R.T.: 9.892 min
Delta R.T.: 0.000 min
Response: 11431545222
Conc: 759.35 ng/ml



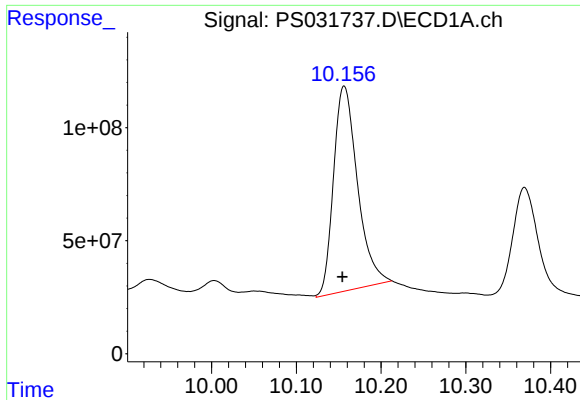
#12 2,4,5-T

R.T.: 9.581 min
Delta R.T.: 0.001 min
Response: 15456438795
Conc: 844.70 ng/ml



#12 2,4,5-T

R.T.: 10.320 min
Delta R.T.: 0.000 min
Response: 10440258074
Conc: 775.82 ng/ml



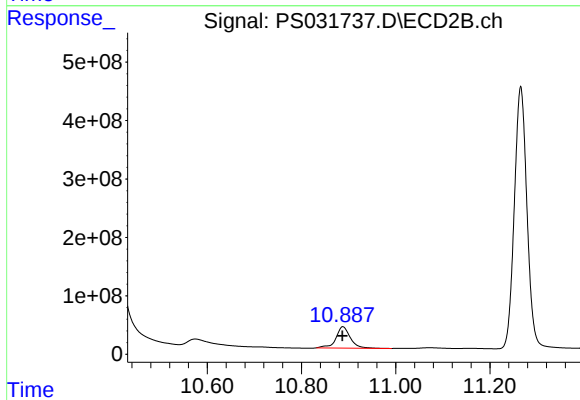
#13 2,4-DB

R.T.: 10.156 min
Delta R.T.: 0.001 min
Response: 1780060362
Conc: 763.07 ng/ml

Instrument :
ECD_S
ClientSampleId :
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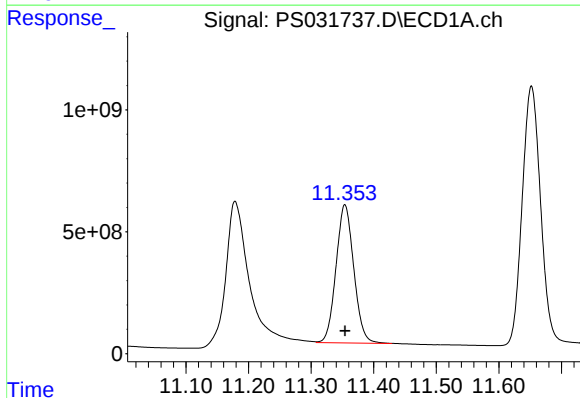
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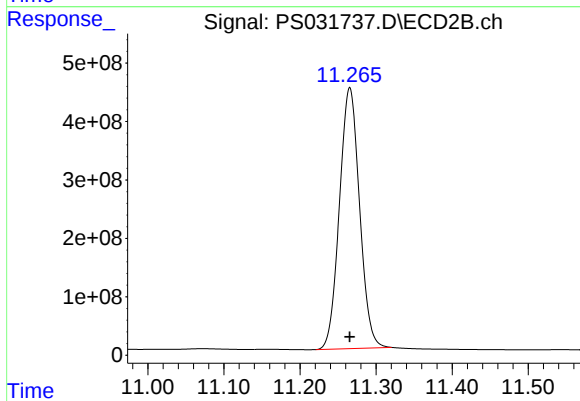
#13 2,4-DB

R.T.: 10.888 min
Delta R.T.: 0.001 min
Response: 767356976
Conc: 717.13 ng/ml



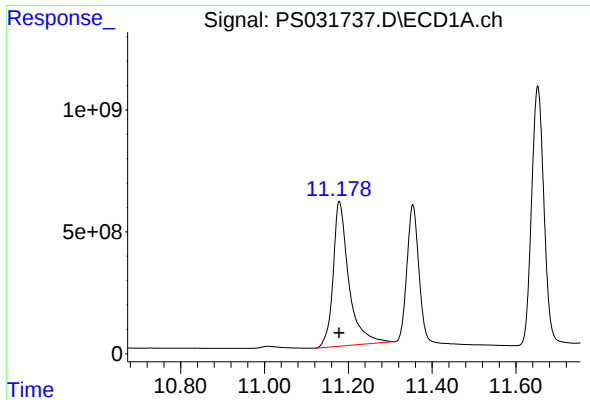
#14 DINOSEB

R.T.: 11.353 min
Delta R.T.: 0.000 min
Response: 11184378932
Conc: 775.47 ng/ml m



#14 DINOSEB

R.T.: 11.265 min
Delta R.T.: 0.000 min
Response: 8205701731
Conc: 844.15 ng/ml m



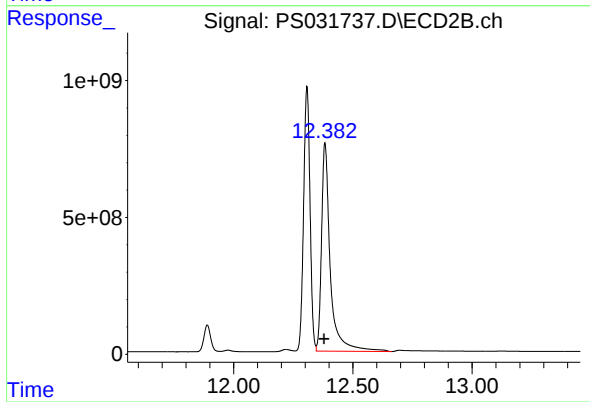
#15 Picloram

R.T.: 11.178 min
Delta R.T.: 0.000 min
Response: 15399176356
Conc: 854.98 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

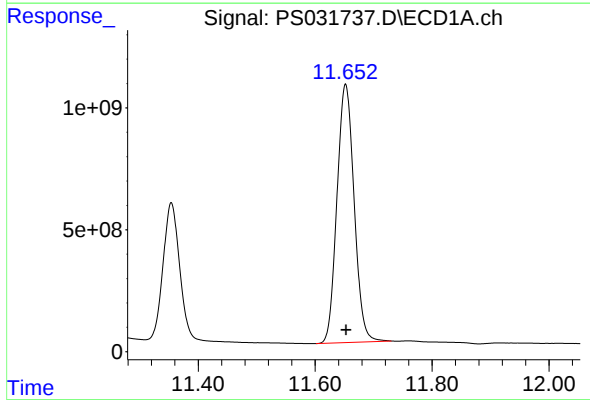
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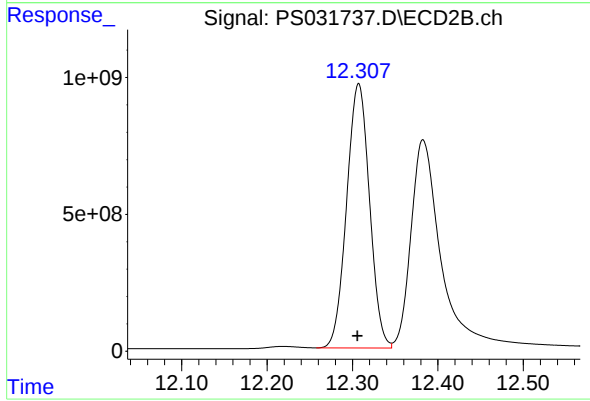
#15 Picloram

R.T.: 12.383 min
Delta R.T.: 0.003 min
Response: 19517926870
Conc: 824.12 ng/ml



#16 DCPA

R.T.: 11.652 min
Delta R.T.: 0.000 min
Response: 21589220838
Conc: 801.09 ng/ml



#16 DCPA

R.T.: 12.307 min
Delta R.T.: 0.001 min
Response: 17973931941
Conc: 745.68 ng/ml