

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS102125\
 Data File : PS032112.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Oct 2025 21:43
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/22/2025
 Supervised By :mohammad ahmed 10/24/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 22 14:03:31 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	7.281	7.745	3667.8E6	895.9E6	769.419	814.231
Target Compounds							
1) T	Dalapon	2.659	2.687	5381.5E6	2767.2E6	696.406	736.302
2) T	3,5-DICHL...	6.448	6.698	4973.9E6	1414.2E6	706.634	677.988
3) T	4-Nitroph...	7.095	7.302	950.1E6	961.6E6	711.861m	633.725
5) T	DICAMBA	7.463	7.939	14617.2E6	6186.7E6	697.973	714.332
6) T	MCPD	7.642	8.037	916.7E6	183.6E6	74.963	73.970
7) T	MCPA	7.791	8.285	1101.4E6	282.8E6	74.839	74.956
8) T	DICHLORPROP	8.171	8.659	3274.5E6	1386.1E6	688.767	707.846
9) T	2,4-D	8.410	9.003	3478.4E6	1511.4E6	716.329	727.233
10) T	Pentachlo...	8.707	9.508	49145.8E6	40206.8E6	732.213	775.836
11) T	2,4,5-TP ...	9.279	9.893	20207.3E6	14562.2E6	715.506	725.396
12) T	2,4,5-T	9.577	10.323	18987.0E6	12805.3E6	752.132	746.899
13) T	2,4-DB	10.154	10.891	2102.5E6	973.8E6	678.159	753.681
14) T	DINOSEB	11.345	11.265	15536.8E6	11057.5E6	696.691	727.318
15) T	Picloram	11.180	12.390	16894.4E6	22589.6E6	716.538	678.530
16) T	DCPA	11.645	12.305	25997.5E6	24033.5E6	707.602	723.648

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

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Acq On : 21 Oct 2025 21:43
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 23 Sample Multiplier: 1

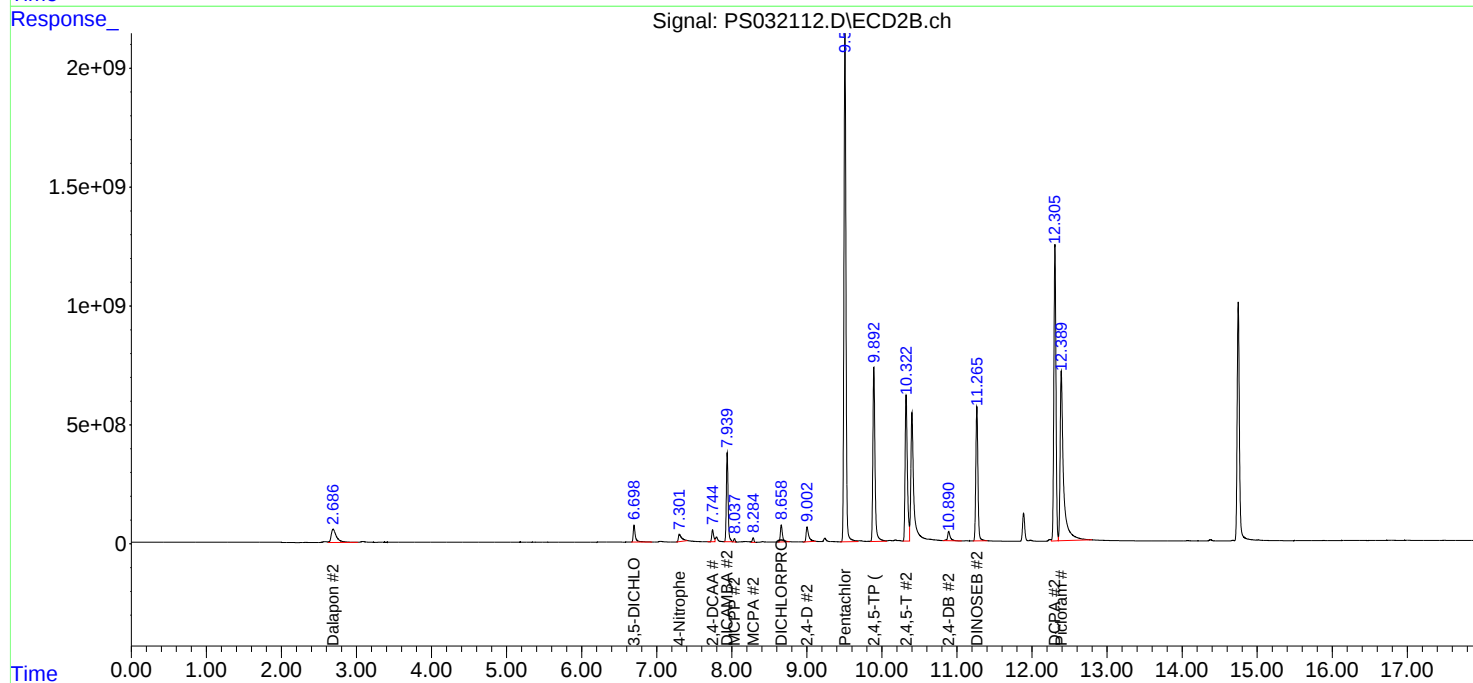
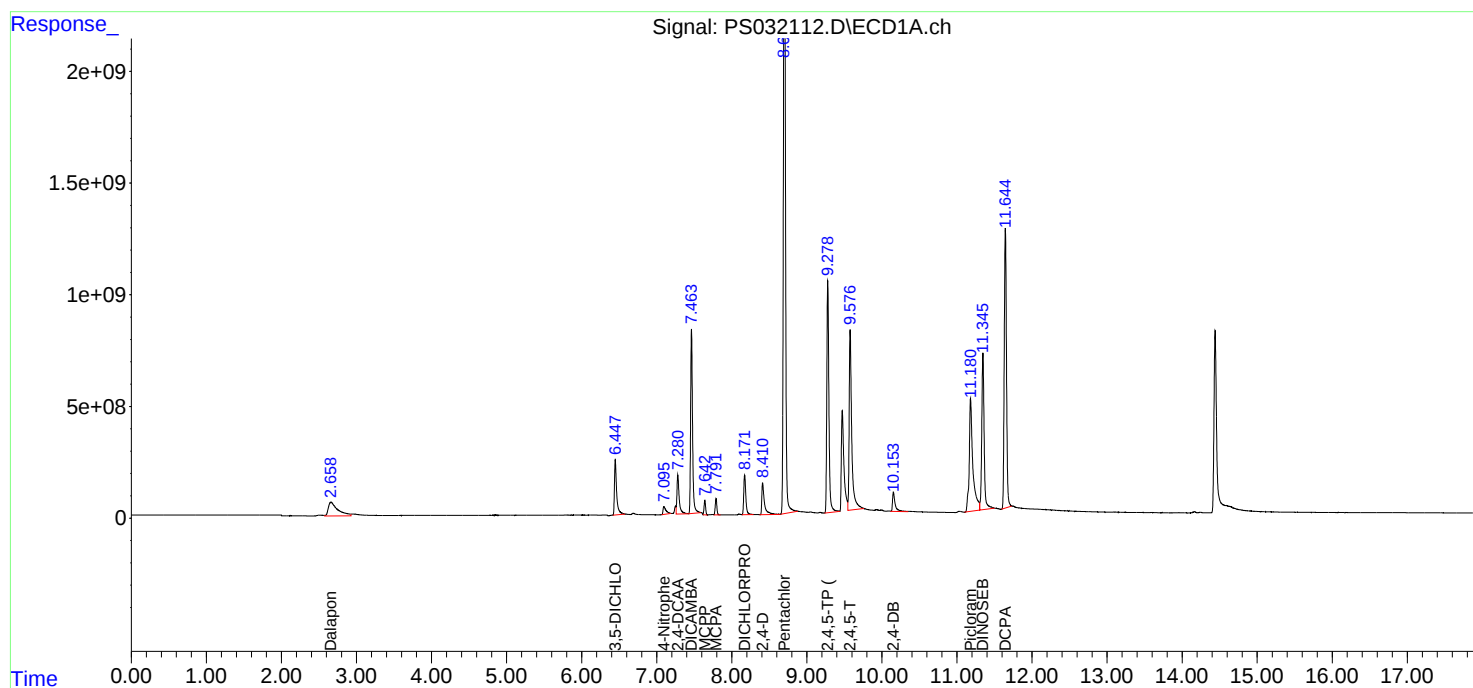
Instrument :
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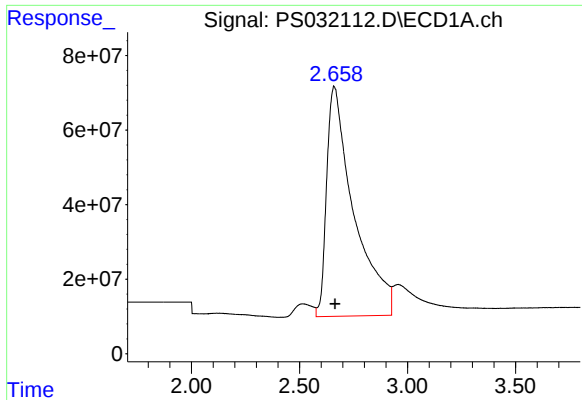
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Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





#1 Dalapon

R.T.: 2.659 min
Delta R.T.: -0.006 min
Response: 5381494699
Conc: 696.41 ng/ml

Instrument :

ECD_S

ClientSampleId :

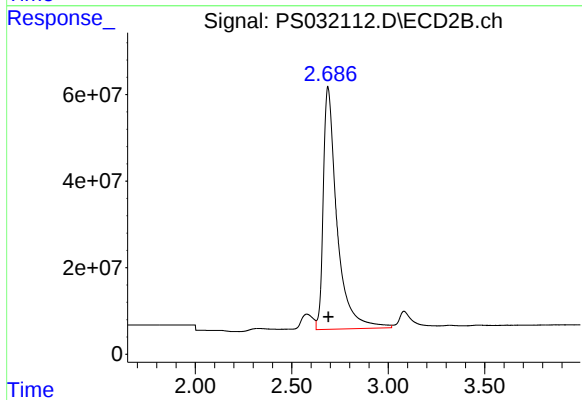
HSTDCCC750

Manual Integrations

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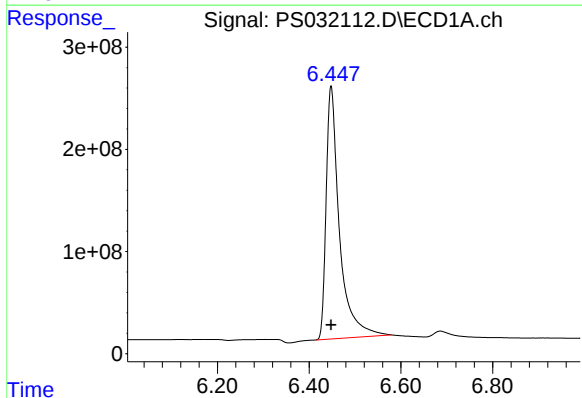
Reviewed By :Abdul Mirza 10/22/2025

Supervised By :mohammad ahmed 10/24/2025



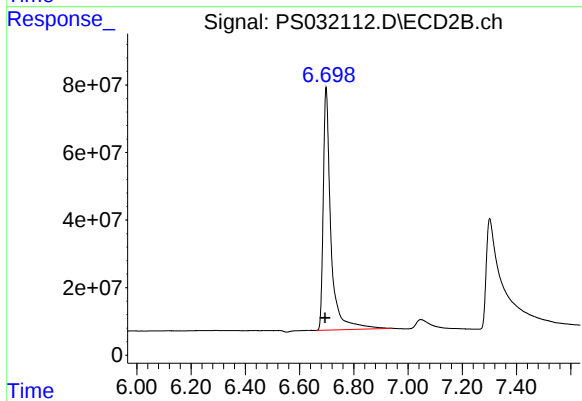
#1 Dalapon

R.T.: 2.687 min
Delta R.T.: -0.002 min
Response: 2767220450
Conc: 736.30 ng/ml



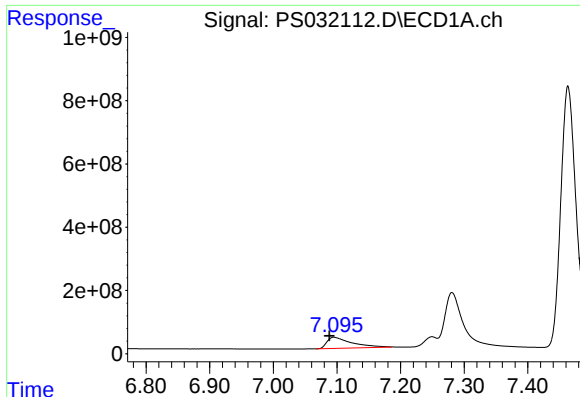
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.448 min
Delta R.T.: 0.000 min
Response: 4973896353
Conc: 706.63 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.698 min
Delta R.T.: 0.005 min
Response: 1414204260
Conc: 677.99 ng/ml



#3 4-Nitrophenol

R.T.: 7.095 min
Delta R.T.: 0.007 min
Response: 950109798
Conc: 711.86 ng/ml

Instrument :

ECD_S

ClientSampleId :

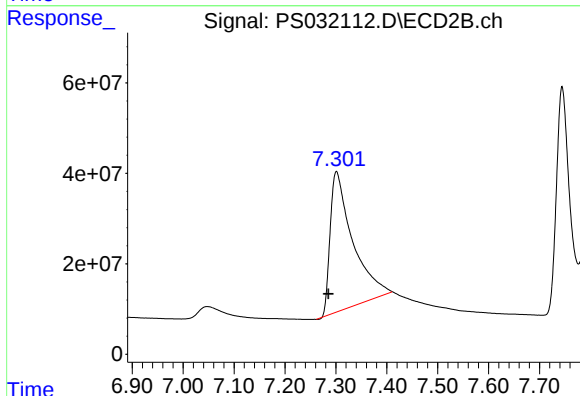
HSTDCCC750

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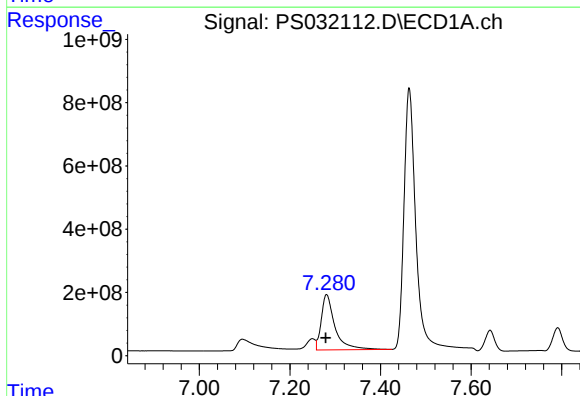
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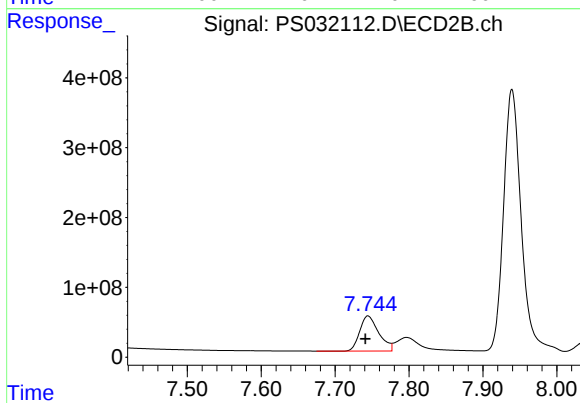
#3 4-Nitrophenol

R.T.: 7.302 min
Delta R.T.: 0.016 min
Response: 961622071
Conc: 633.73 ng/ml



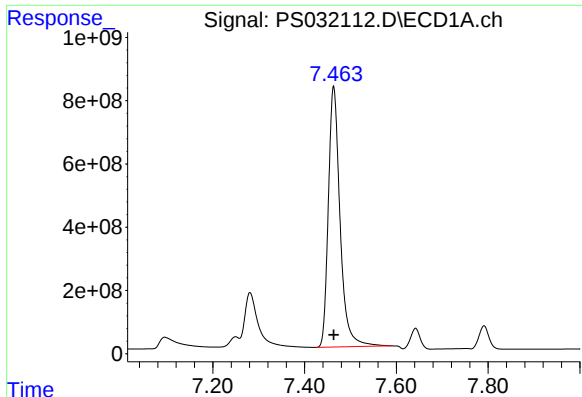
#4 2,4-DCAA

R.T.: 7.281 min
Delta R.T.: 0.001 min
Response: 3667849213
Conc: 769.42 ng/ml



#4 2,4-DCAA

R.T.: 7.745 min
Delta R.T.: 0.004 min
Response: 895930966
Conc: 814.23 ng/ml



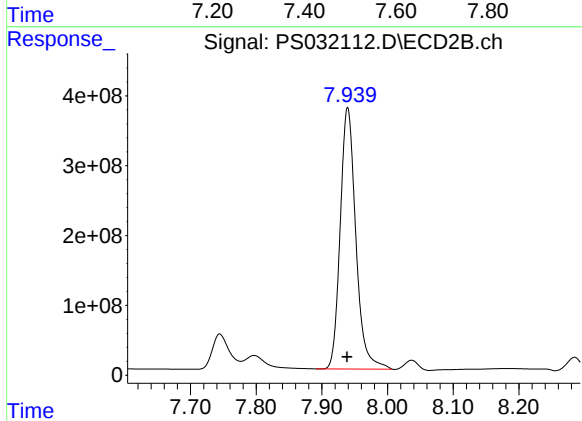
#5 DICAMBA

R.T.: 7.463 min
Delta R.T.: 0.000 min
Response: 14617218258
Conc: 697.97 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

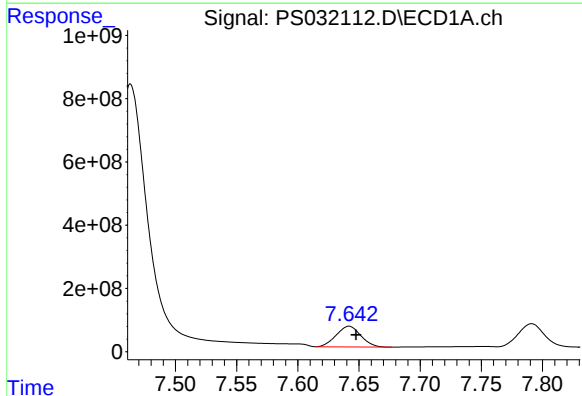
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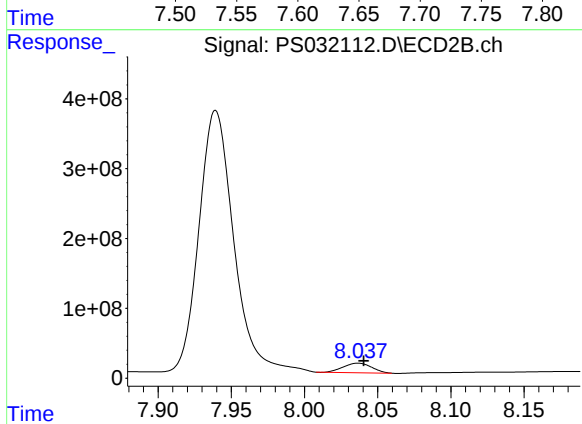
#5 DICAMBA

R.T.: 7.939 min
Delta R.T.: 0.001 min
Response: 6186748862
Conc: 714.33 ng/ml



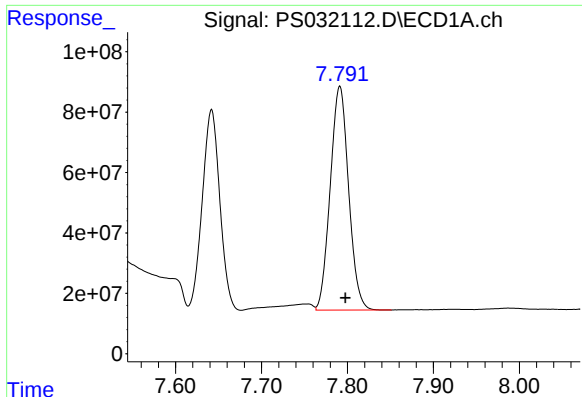
#6 MCP

R.T.: 7.642 min
Delta R.T.: -0.006 min
Response: 916678998
Conc: 74.96 ug/ml



#6 MCP

R.T.: 8.037 min
Delta R.T.: -0.004 min
Response: 183614634
Conc: 73.97 ug/ml



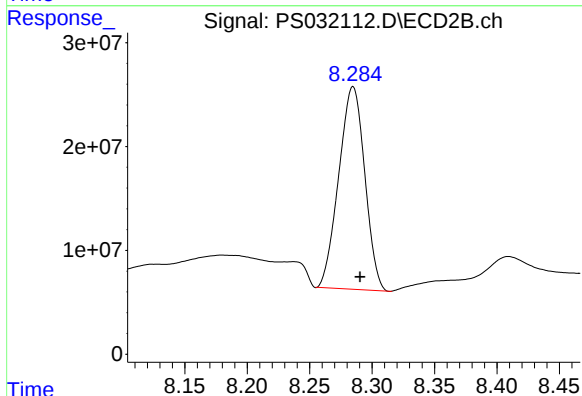
#7 MCPA

R.T.: 7.791 min
Delta R.T.: -0.007 min
Response: 1101353979
Conc: 74.84 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

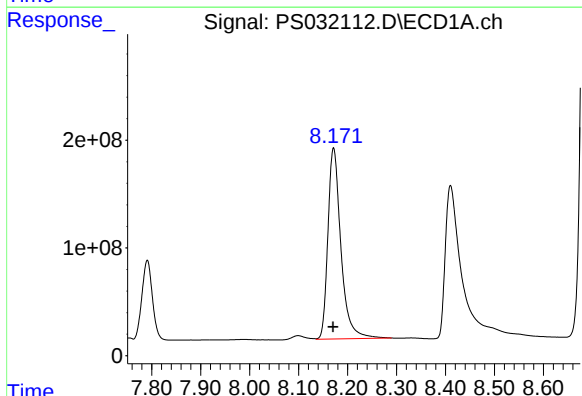
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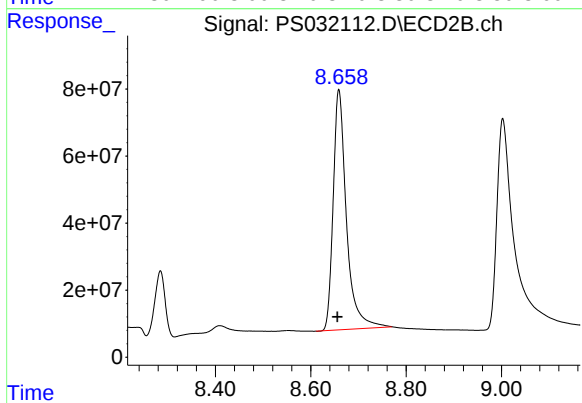
#7 MCPA

R.T.: 8.285 min
Delta R.T.: -0.006 min
Response: 282759976
Conc: 74.96 ug/ml



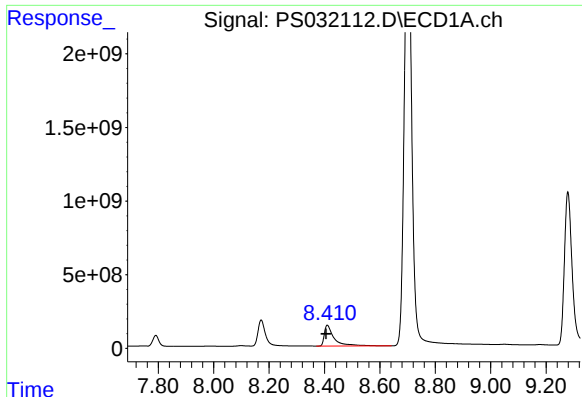
#8 DICHLORPROP

R.T.: 8.171 min
Delta R.T.: 0.000 min
Response: 3274500514
Conc: 688.77 ng/ml



#8 DICHLORPROP

R.T.: 8.659 min
Delta R.T.: 0.003 min
Response: 1386146015
Conc: 707.85 ng/ml



#9 2,4-D

R.T.: 8.410 min
Delta R.T.: 0.004 min
Response: 3478405605
Conc: 716.33 ng/ml

Instrument :

ECD_S

ClientSampleId :

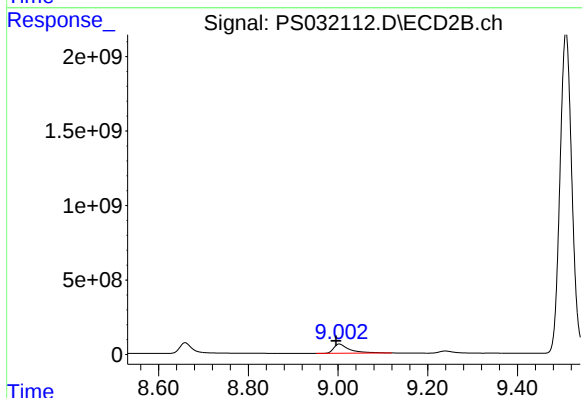
HSTDCCC750

Manual Integrations

APPROVED

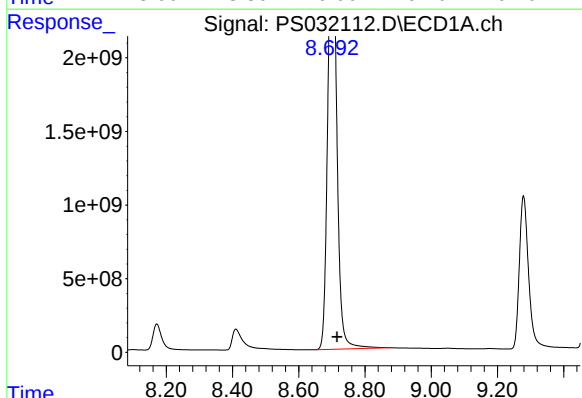
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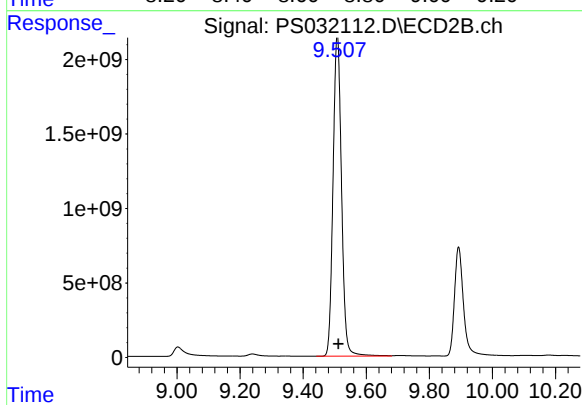
#9 2,4-D

R.T.: 9.003 min
Delta R.T.: 0.007 min
Response: 1511407055
Conc: 727.23 ng/ml



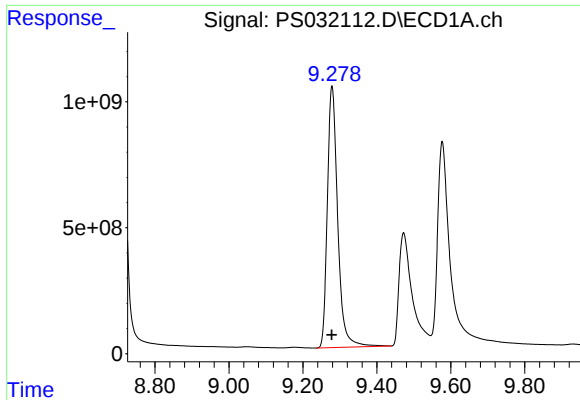
#10 Pentachlorophenol

R.T.: 8.707 min
Delta R.T.: -0.008 min
Response: 49145759222
Conc: 732.21 ng/ml



#10 Pentachlorophenol

R.T.: 9.508 min
Delta R.T.: -0.004 min
Response: 40206830948
Conc: 775.84 ng/ml



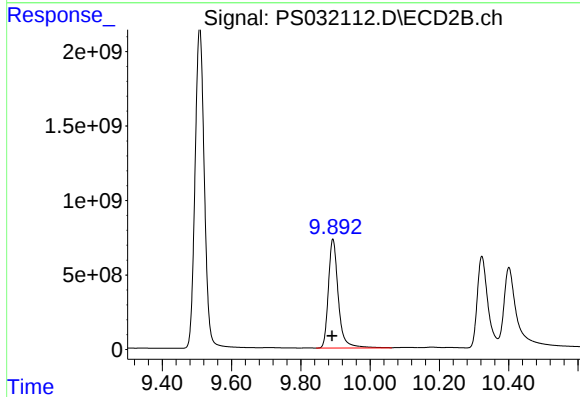
#11 2,4,5-TP (SILVEX)

R.T.: 9.279 min
Delta R.T.: 0.000 min
Response: 20207336590
Conc: 715.51 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

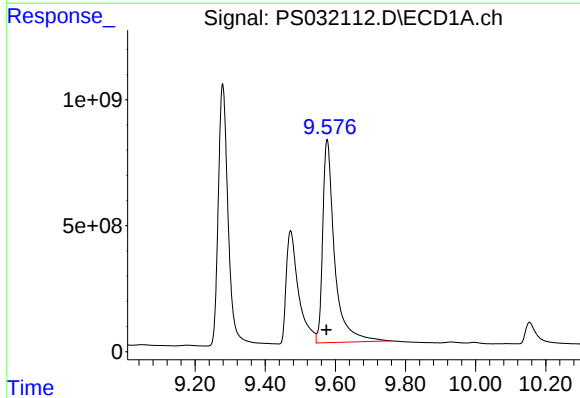
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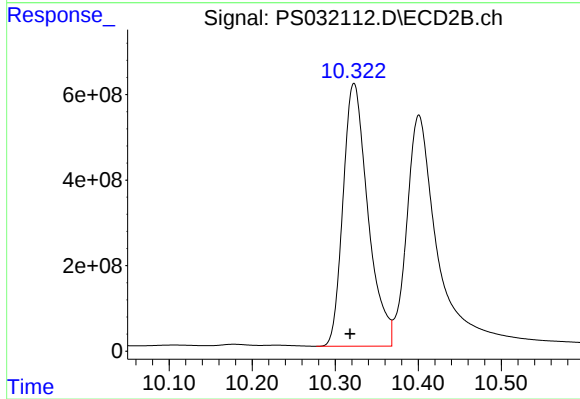
#11 2,4,5-TP (SILVEX)

R.T.: 9.893 min
Delta R.T.: 0.003 min
Response: 14562226320
Conc: 725.40 ng/ml



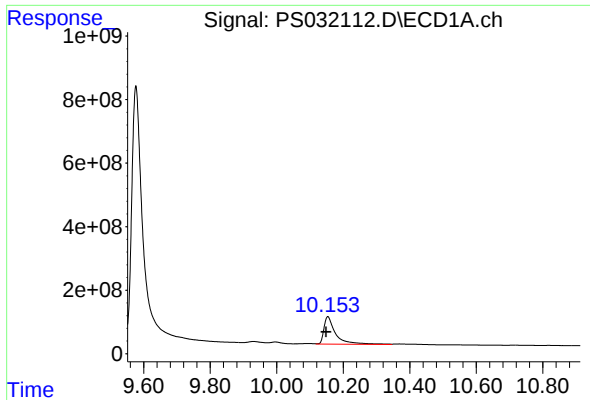
#12 2,4,5-T

R.T.: 9.577 min
Delta R.T.: 0.002 min
Response: 18987031158
Conc: 752.13 ng/ml



#12 2,4,5-T

R.T.: 10.323 min
Delta R.T.: 0.005 min
Response: 12805335271
Conc: 746.90 ng/ml



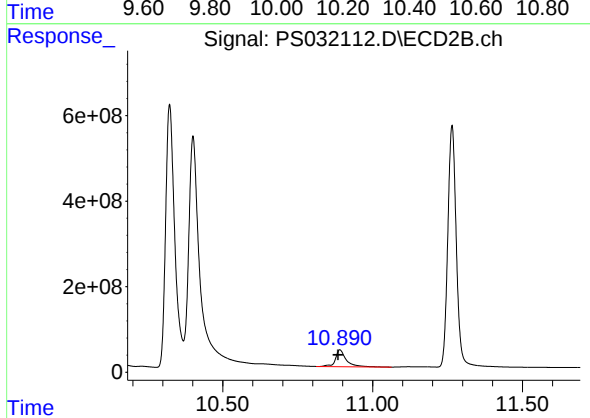
#13 2,4-DB

R.T.: 10.154 min
Delta R.T.: 0.005 min
Response: 2102508812
Conc: 678.16 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

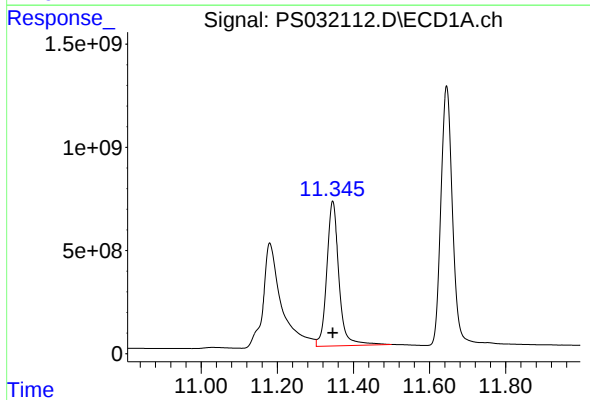
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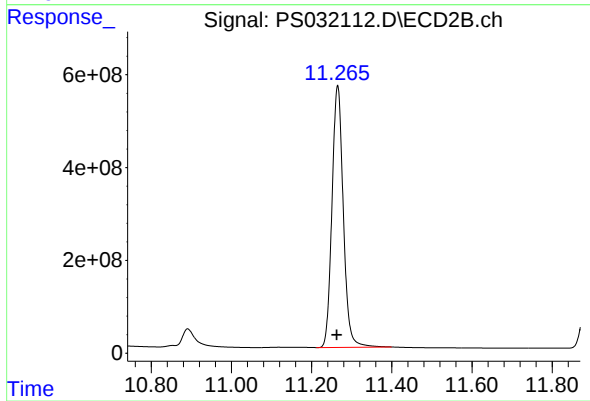
#13 2,4-DB

R.T.: 10.891 min
Delta R.T.: 0.006 min
Response: 973824568
Conc: 753.68 ng/ml



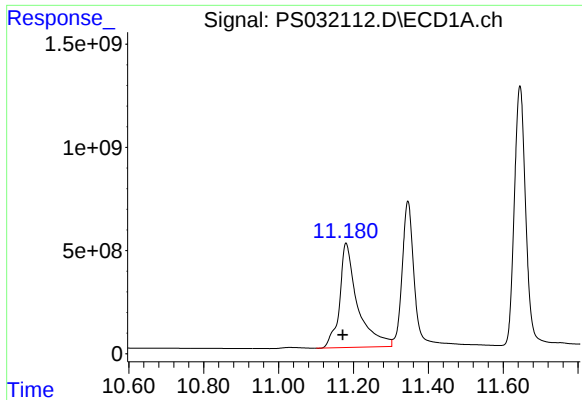
#14 DINOSEB

R.T.: 11.345 min
Delta R.T.: 0.000 min
Response: 15536820639
Conc: 696.69 ng/ml



#14 DINOSEB

R.T.: 11.265 min
Delta R.T.: 0.002 min
Response: 11057467217
Conc: 727.32 ng/ml



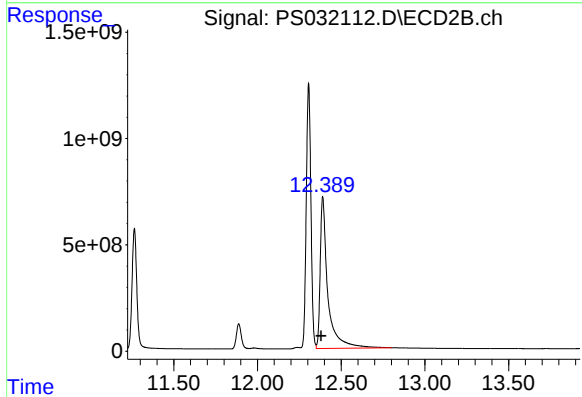
#15 Picloram

R.T.: 11.180 min
Delta R.T.: 0.008 min
Response: 16894432211
Conc: 716.54 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

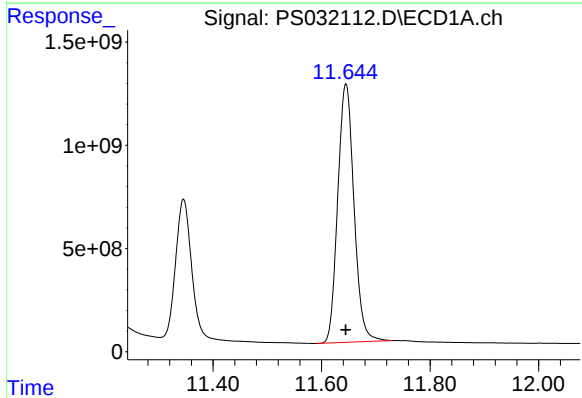
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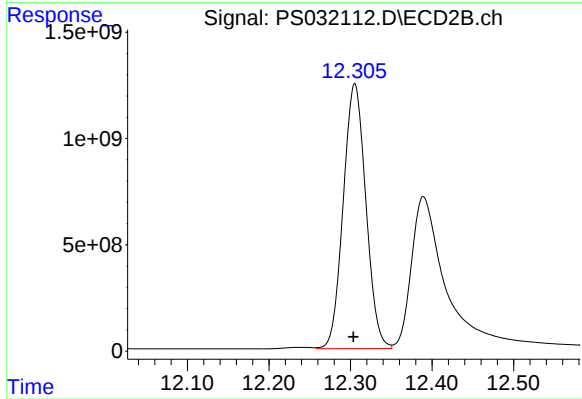
#15 Picloram

R.T.: 12.390 min
Delta R.T.: 0.010 min
Response: 22589622410
Conc: 678.53 ng/ml



#16 DCPA

R.T.: 11.645 min
Delta R.T.: 0.000 min
Response: 25997465434
Conc: 707.60 ng/ml



#16 DCPA

R.T.: 12.305 min
Delta R.T.: 0.001 min
Response: 24033547317
Conc: 723.65 ng/ml