

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS091125\
 Data File : PS031697.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Sep 2025 10:09
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/12/2025
 Supervised By :mohammad ahmed 09/15/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 12 01:43:51 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	7.287	7.744	2874.4E6	686.8E6	798.118	755.619
Target Compounds							
1) T	Dalapon	2.672	2.692	4129.1E6	1988.8E6	714.292	705.837
2) T	3,5-DICHL...	6.454	6.696	3925.4E6	1091.1E6	736.004	715.485
3) T	4-Nitroph...	7.096	7.294	803.3E6	869.5E6	728.129m	688.589
5) T	DICAMBA	7.471	7.940	11745.6E6	4695.0E6	753.084	721.542
6) T	MCPD	7.649	8.037	684.2E6	146.9E6	76.540	78.014
7) T	MCPA	7.797	8.284	852.1E6	210.7E6	76.691	75.207
8) T	DICHLORPROP	8.179	8.659	2638.9E6	1067.7E6	740.896	733.759
9) T	2,4-D	8.416	9.001	2842.8E6	1176.7E6	829.845	715.241
10) T	Pentachlo...	8.712	9.509	42200.3E6	30139.7E6	794.824	759.367
11) T	2,4,5-TP ...	9.287	9.894	16027.6E6	11045.2E6	764.176	733.689
12) T	2,4,5-T	9.584	10.323	14559.6E6	9857.9E6	795.688	732.549
13) T	2,4-DB	10.160	10.891	1898.0E6	740.3E6	813.639	691.841
14) T	DINOSEB	11.356	11.267	11963.0E6	8131.9E6	829.456	836.561
15) T	Picloram	11.185	12.386	14662.8E6	18330.4E6	814.097	773.981
16) T	DCPA	11.655	12.308	20874.7E6	17427.5E6	774.576	723.010

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

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Acq On : 11 Sep 2025 10:09
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

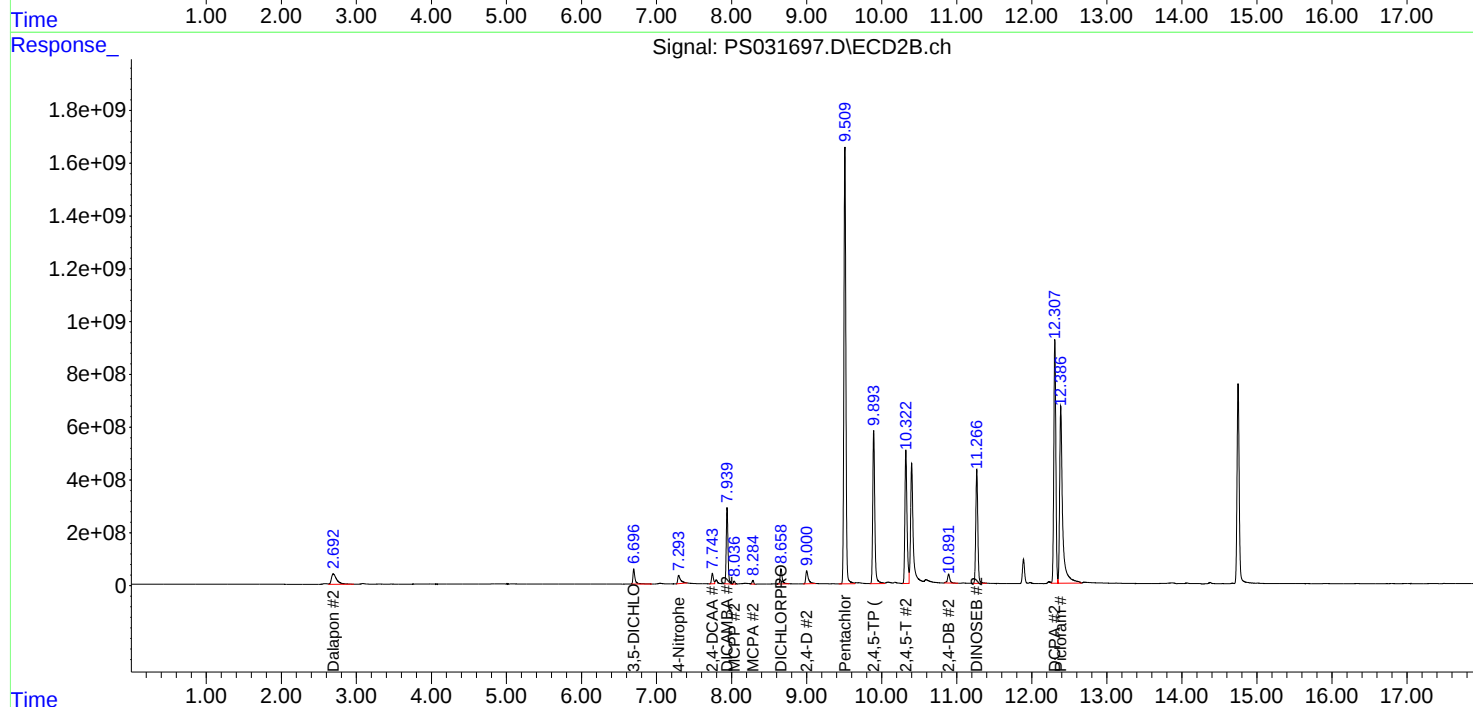
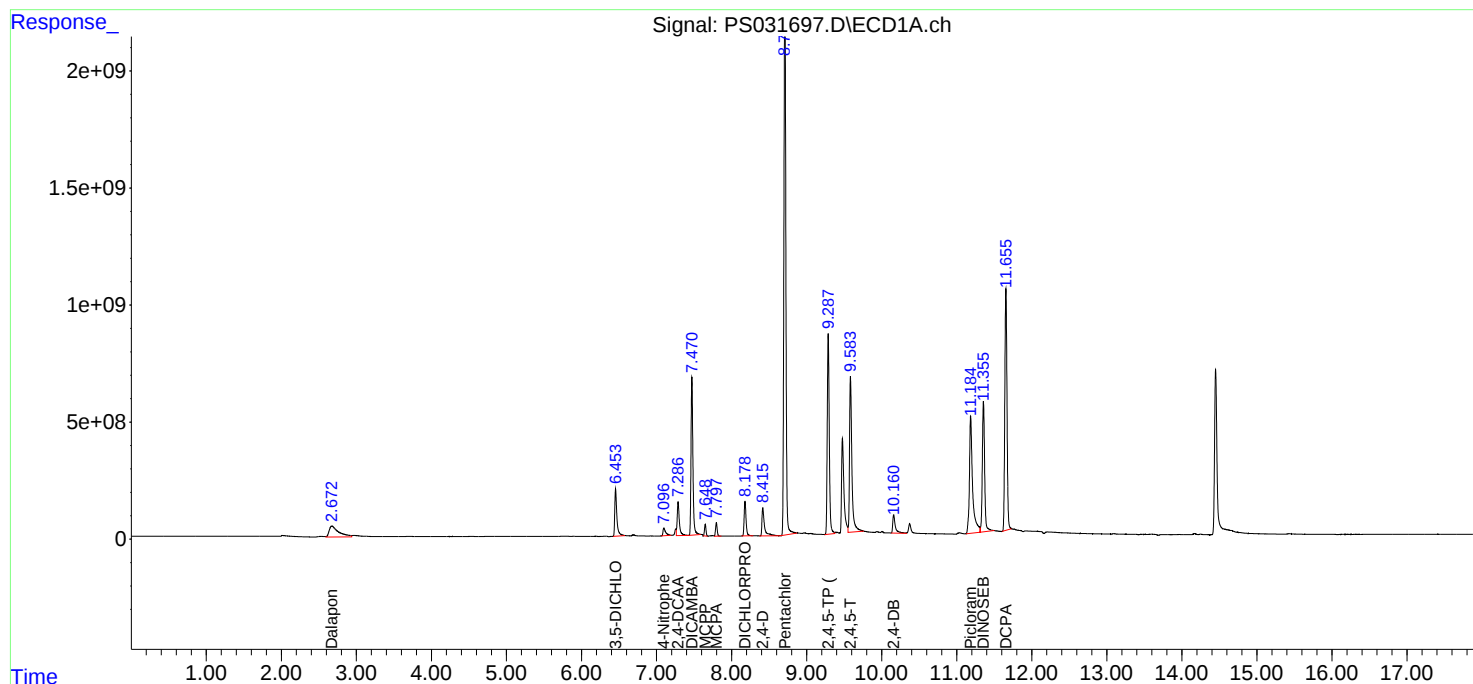
Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

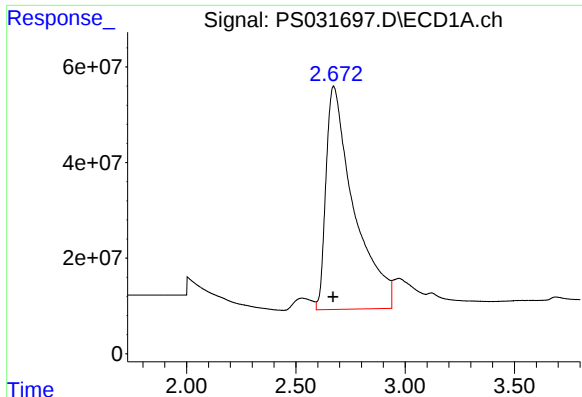
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Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





#1 Dalapon

R.T.: 2.672 min
Delta R.T.: 0.001 min
Response: 4129139582
Conc: 714.29 ng/ml

Instrument :

ECD_S

ClientSampleId :

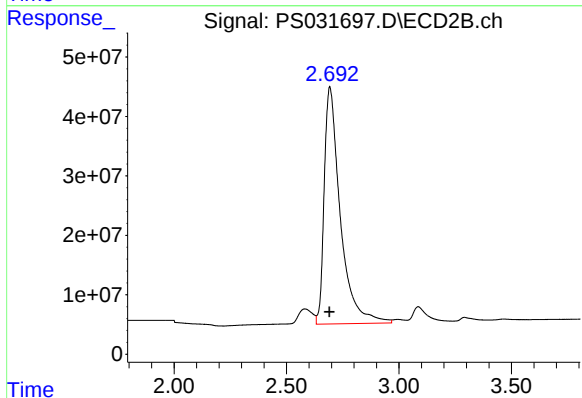
HSTDCCC750

Manual Integrations

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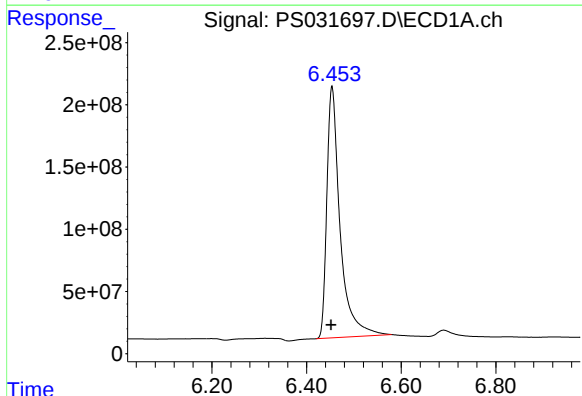
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Supervised By :mohammad ahmed 09/15/2025



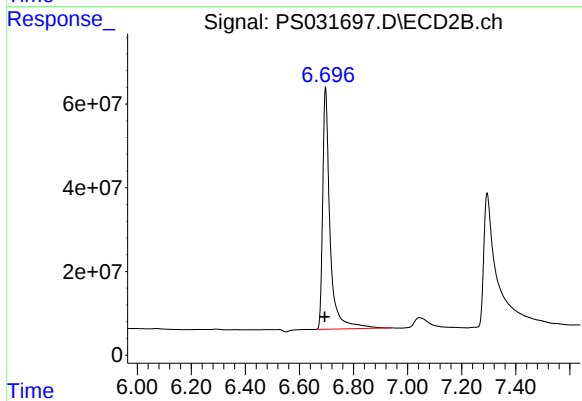
#1 Dalapon

R.T.: 2.692 min
Delta R.T.: 0.000 min
Response: 1988784168
Conc: 705.84 ng/ml



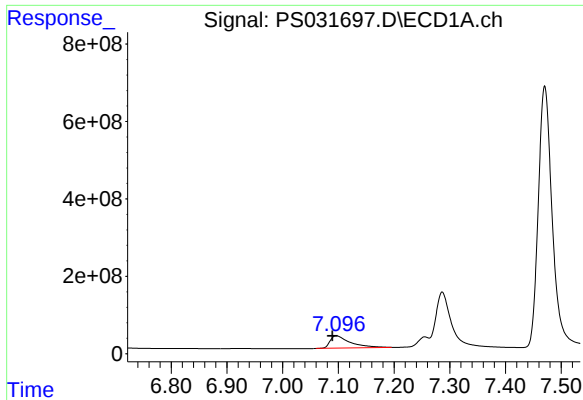
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.454 min
Delta R.T.: 0.002 min
Response: 3925373716
Conc: 736.00 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.696 min
Delta R.T.: 0.003 min
Response: 1091090551
Conc: 715.49 ng/ml



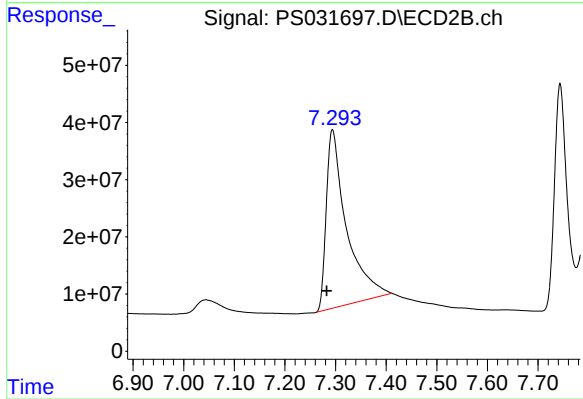
#3 4-Nitrophenol

R.T.: 7.096 min
Delta R.T.: 0.006 min
Response: 803278824
Conc: 728.13 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

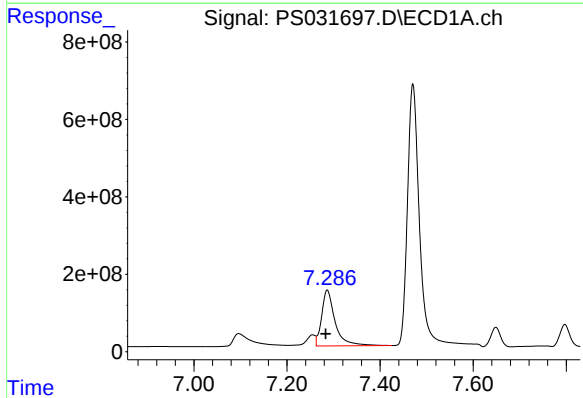
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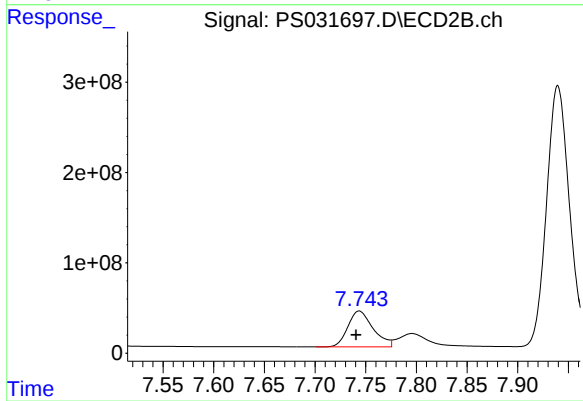
#3 4-Nitrophenol

R.T.: 7.294 min
Delta R.T.: 0.011 min
Response: 869541354
Conc: 688.59 ng/ml



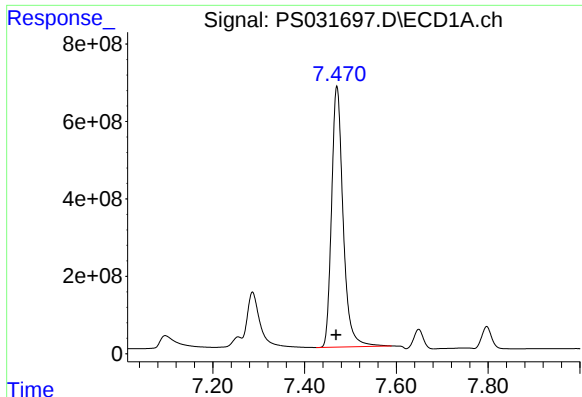
#4 2,4-DCAA

R.T.: 7.287 min
Delta R.T.: 0.003 min
Response: 2874444706
Conc: 798.12 ng/ml



#4 2,4-DCAA

R.T.: 7.744 min
Delta R.T.: 0.003 min
Response: 686781949
Conc: 755.62 ng/ml



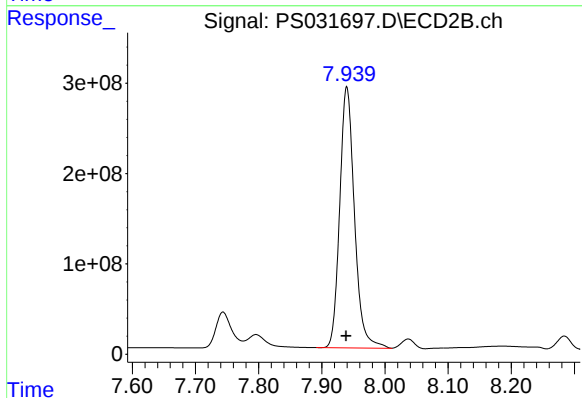
#5 DICAMBA

R.T.: 7.471 min
Delta R.T.: 0.002 min
Response: 11745632639
Conc: 753.08 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

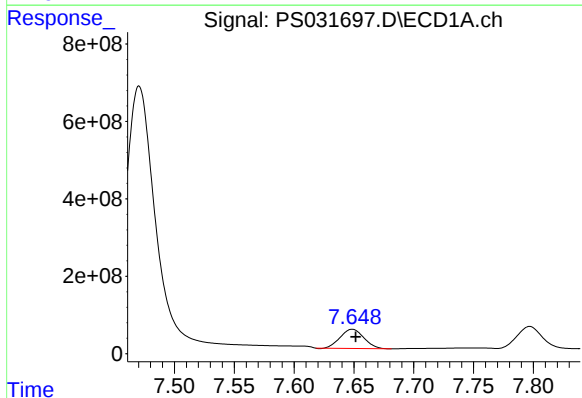
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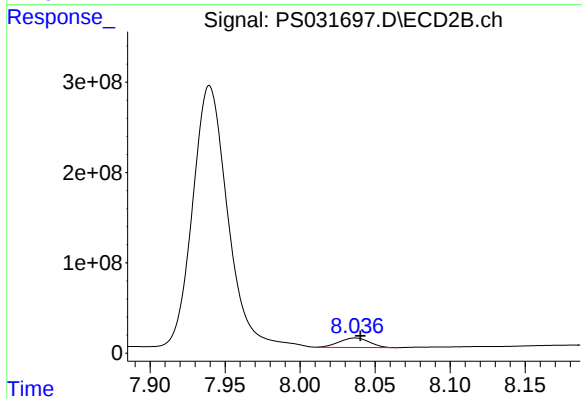
#5 DICAMBA

R.T.: 7.940 min
Delta R.T.: 0.000 min
Response: 4694965161
Conc: 721.54 ng/ml



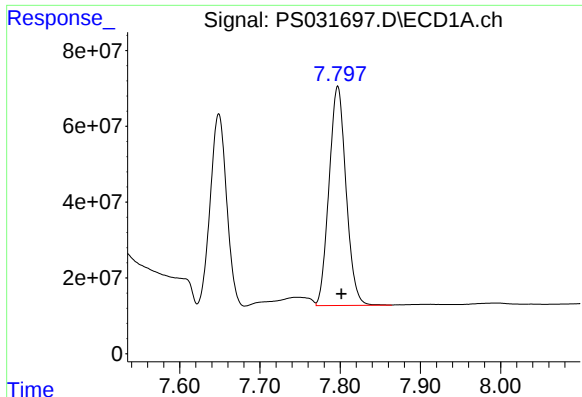
#6 MCP

R.T.: 7.649 min
Delta R.T.: -0.003 min
Response: 684206922
Conc: 76.54 ug/ml



#6 MCP

R.T.: 8.037 min
Delta R.T.: -0.003 min
Response: 146931640
Conc: 78.01 ug/ml



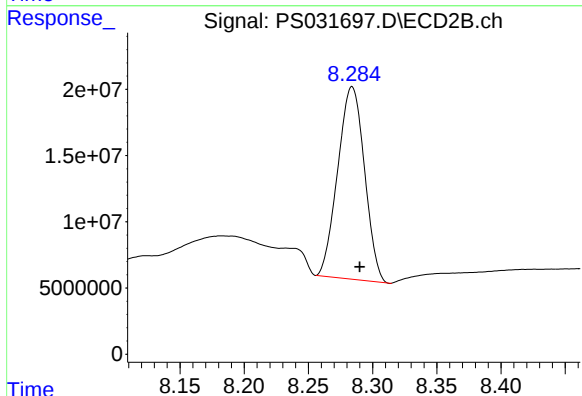
#7 MCPA

R.T.: 7.797 min
Delta R.T.: -0.005 min
Response: 852069874
Conc: 76.69 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

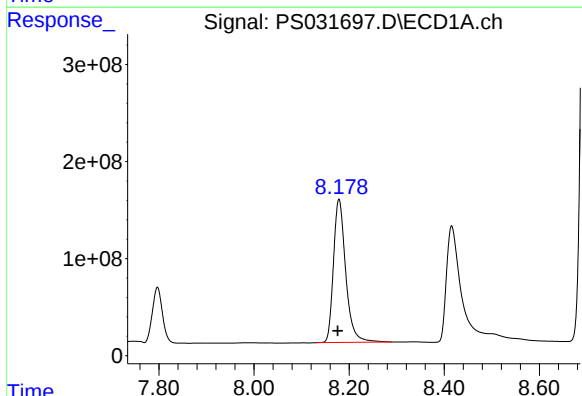
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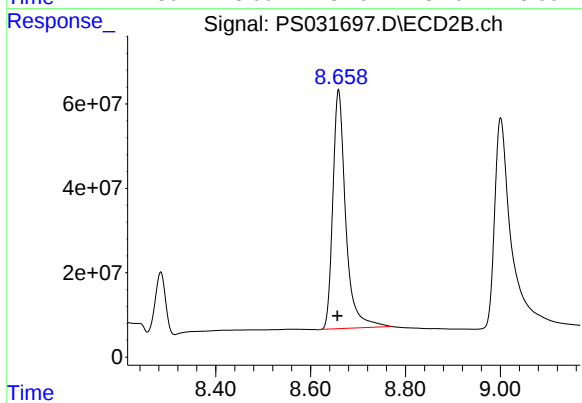
#7 MCPA

R.T.: 8.284 min
Delta R.T.: -0.006 min
Response: 210671684
Conc: 75.21 ug/ml



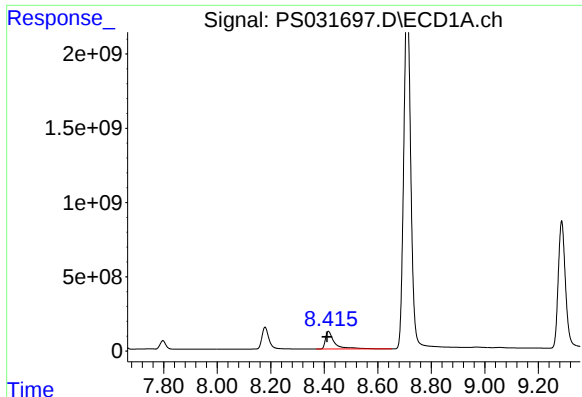
#8 DICHLORPROP

R.T.: 8.179 min
Delta R.T.: 0.002 min
Response: 2638894085
Conc: 740.90 ng/ml



#8 DICHLORPROP

R.T.: 8.659 min
Delta R.T.: 0.002 min
Response: 1067663719
Conc: 733.76 ng/ml



#9 2,4-D

R.T.: 8.416 min
Delta R.T.: 0.005 min
Response: 2842752387
Conc: 829.85 ng/ml

Instrument :

ECD_S

ClientSampleId :

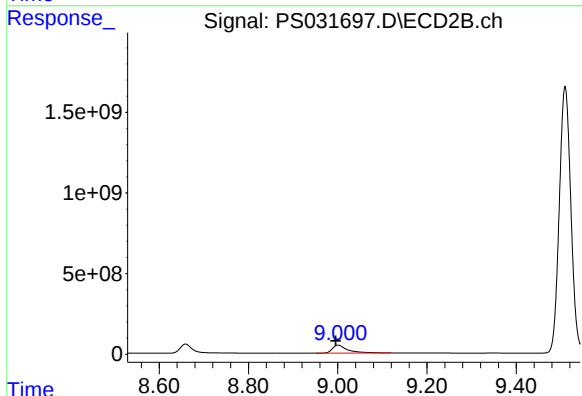
HSTDCCC750

Manual Integrations

APPROVED

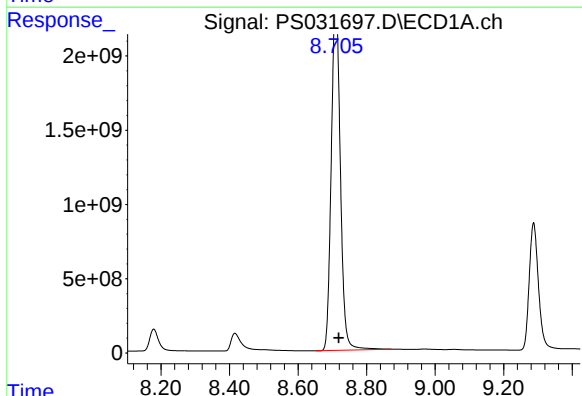
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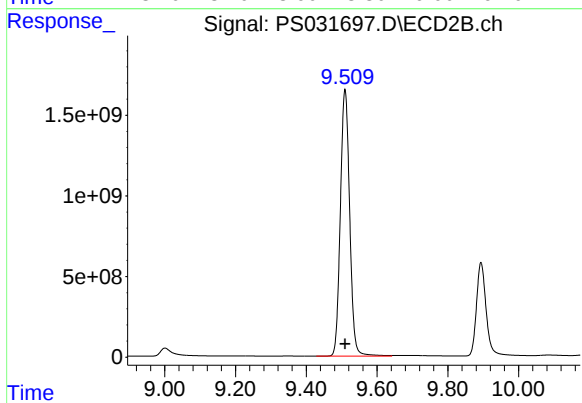
#9 2,4-D

R.T.: 9.001 min
Delta R.T.: 0.005 min
Response: 1176650742
Conc: 715.24 ng/ml



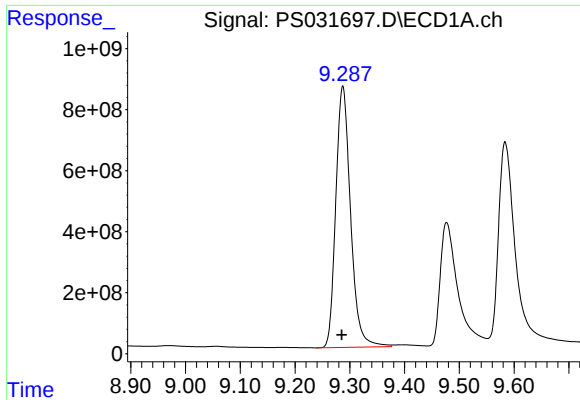
#10 Pentachlorophenol

R.T.: 8.712 min
Delta R.T.: -0.007 min
Response: 42200258364
Conc: 794.82 ng/ml



#10 Pentachlorophenol

R.T.: 9.509 min
Delta R.T.: 0.000 min
Response: 30139688068
Conc: 759.37 ng/ml



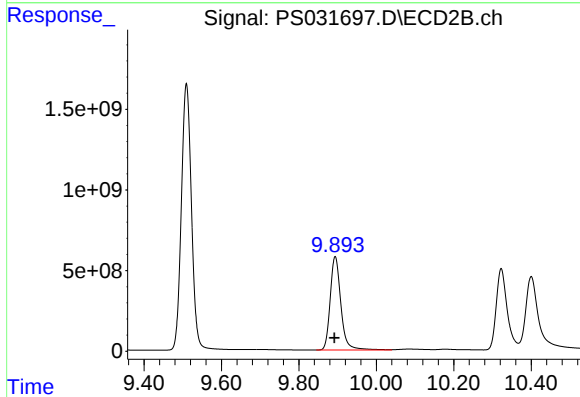
#11 2,4,5-TP (SILVEX)

R.T.: 9.287 min
Delta R.T.: 0.002 min
Response: 16027580280
Conc: 764.18 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

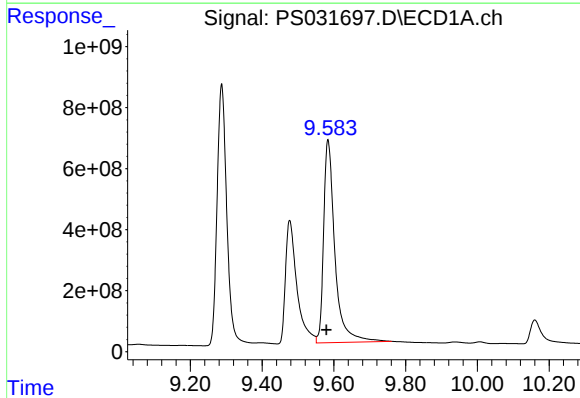
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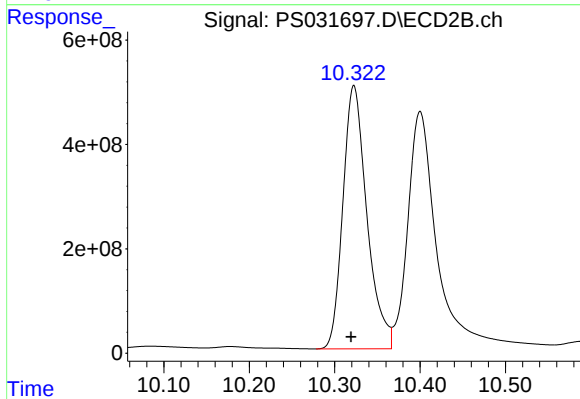
#11 2,4,5-TP (SILVEX)

R.T.: 9.894 min
Delta R.T.: 0.002 min
Response: 11045187500
Conc: 733.69 ng/ml



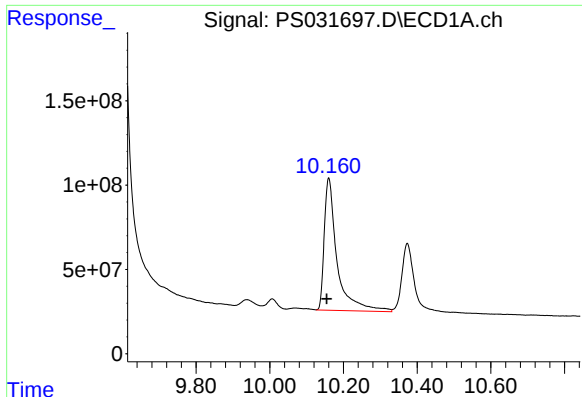
#12 2,4,5-T

R.T.: 9.584 min
Delta R.T.: 0.004 min
Response: 14559645686
Conc: 795.69 ng/ml



#12 2,4,5-T

R.T.: 10.323 min
Delta R.T.: 0.003 min
Response: 9857923182
Conc: 732.55 ng/ml



#13 2,4-DB

R.T.: 10.160 min
Delta R.T.: 0.006 min
Response: 1898028920
Conc: 813.64 ng/ml

Instrument :

ECD_S

ClientSampleId :

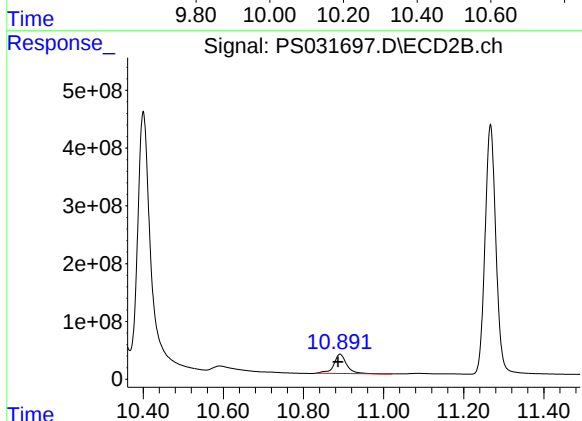
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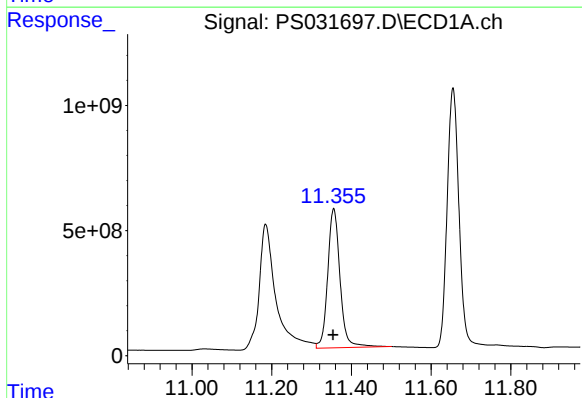
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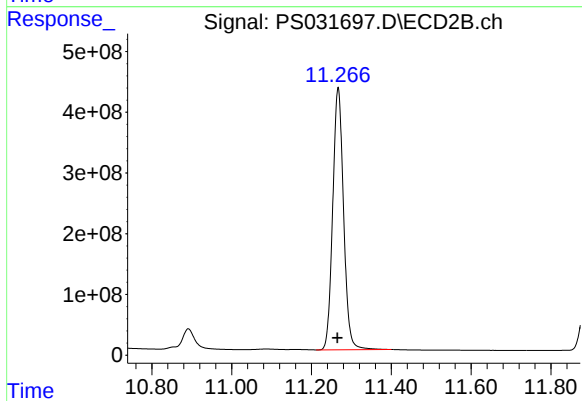
#13 2,4-DB

R.T.: 10.891 min
Delta R.T.: 0.005 min
Response: 740300300
Conc: 691.84 ng/ml



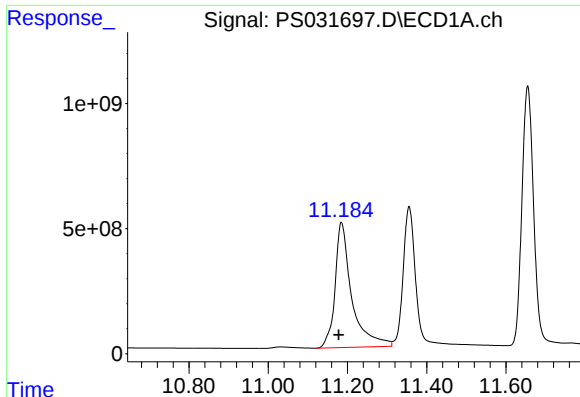
#14 DINOSEB

R.T.: 11.356 min
Delta R.T.: 0.001 min
Response: 11962983598
Conc: 829.46 ng/ml



#14 DINOSEB

R.T.: 11.267 min
Delta R.T.: 0.002 min
Response: 8131939613
Conc: 836.56 ng/ml



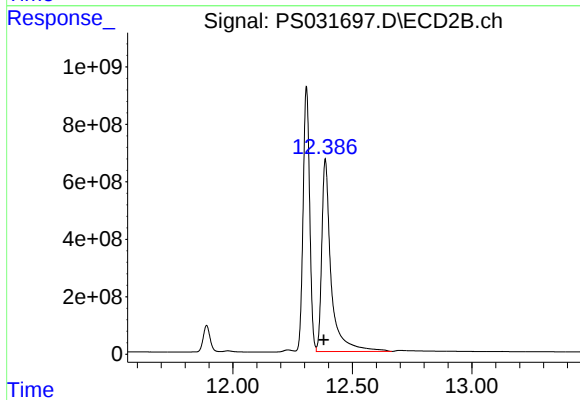
#15 Picloram

R.T.: 11.185 min
Delta R.T.: 0.007 min
Response: 14662764730
Conc: 814.10 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

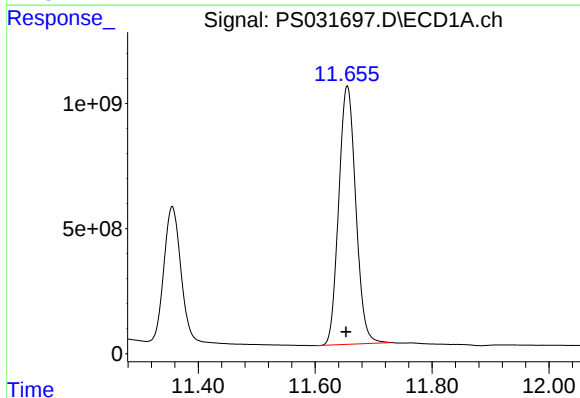
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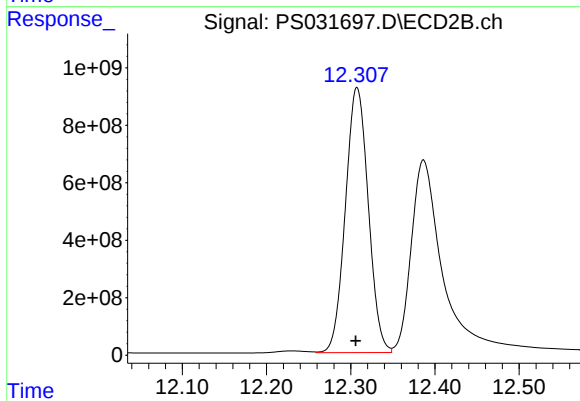
#15 Picloram

R.T.: 12.386 min
Delta R.T.: 0.007 min
Response: 18330394320
Conc: 773.98 ng/ml



#16 DCPA

R.T.: 11.655 min
Delta R.T.: 0.002 min
Response: 20874747724
Conc: 774.58 ng/ml



#16 DCPA

R.T.: 12.308 min
Delta R.T.: 0.002 min
Response: 17427503668
Conc: 723.01 ng/ml