

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS040925\
 Data File : PS029773.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Apr 2025 01:46
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/10/2025
 Supervised By :mohammad ahmed 04/11/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 10 06:45:53 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS040225.M
 Quant Title : 8080.M
 QLast Update : Wed Apr 02 23:52:55 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	6.936	7.478	1652.9E6	553.8E6	810.729m	812.563
Target Compounds						
1) T Dalapon	2.457	2.530	2344.9E6	1034.1E6	691.221	651.372
2) T 3,5-DICHL...	6.143	6.473	2383.7E6	716.7E6	792.530	742.301
3) T 4-Nitroph...	6.728	7.012	1091.0E6	496.5E6	776.633m	700.223
5) T DICAMBA	7.113	7.665	6612.6E6	2925.8E6	794.594	792.167
6) T MCPP	7.291	7.772	426.1E6	122.3E6	78.622	72.408
7) T MCPA	7.433	8.003	573.2E6	171.7E6	78.851m	75.459
8) T DICHLORPROP	7.792	8.359	1698.7E6	756.1E6	772.333	782.545
9) T 2,4-D	8.012	8.673	1826.9E6	808.5E6	758.184	749.717
10) T Pentachlo...	8.290	9.174	23559.8E6	14693.6E6	774.866	819.603m
11) T 2,4,5-TP ...	8.853	9.553	9297.4E6	5867.2E6	800.437m	813.427
12) T 2,4,5-T	9.135	9.956	9374.9E6	5450.6E6	814.899	813.184m
13) T 2,4-DB	9.692	10.513	1539.3E6	567.1E6	847.307m	764.281
14) T DINOSEB	10.856	10.886	6412.2E6	3818.3E6	759.551	746.812
15) T Picloram	10.673	11.924	12321.7E6	8254.7E6	794.930	698.105m
16) T DCPA	11.155	11.913	11536.7E6	6691.2E6	826.049	756.014m

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

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Acq On : 10 Apr 2025 01:46
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 24 Sample Multiplier: 1

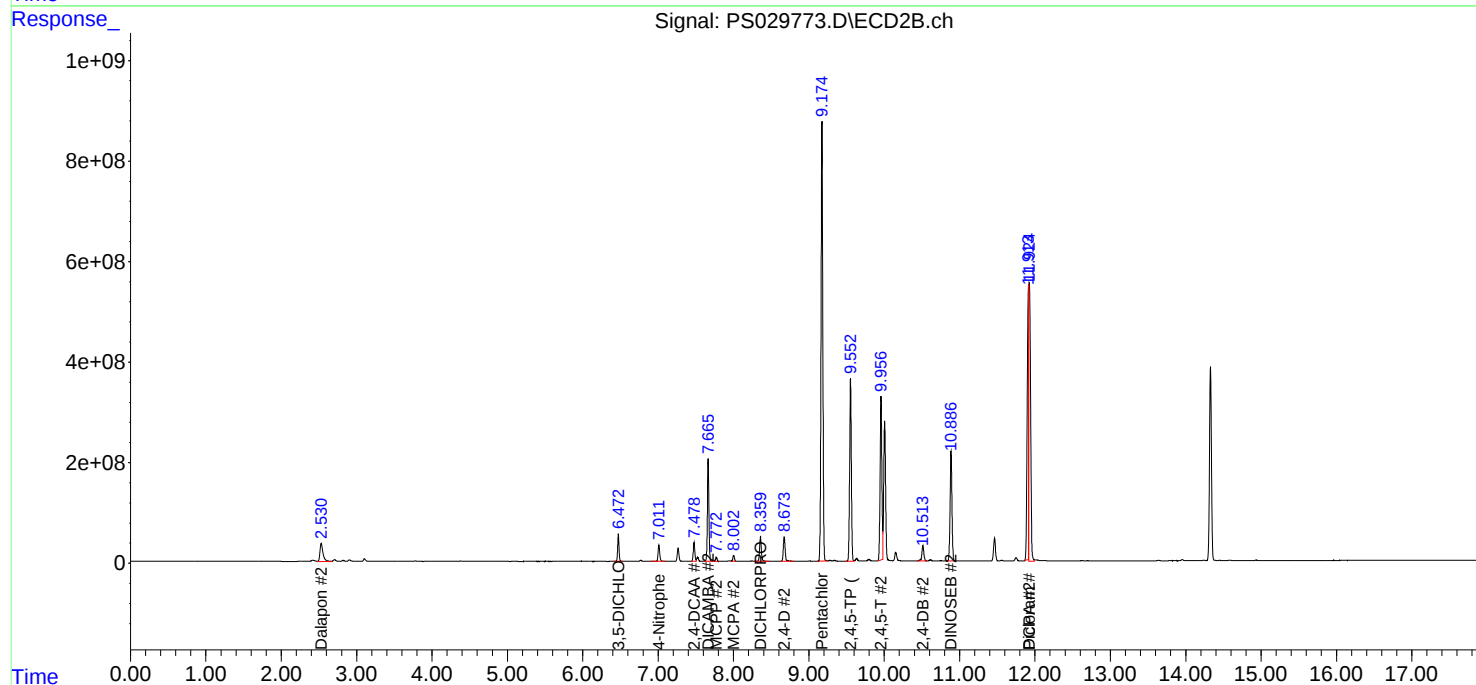
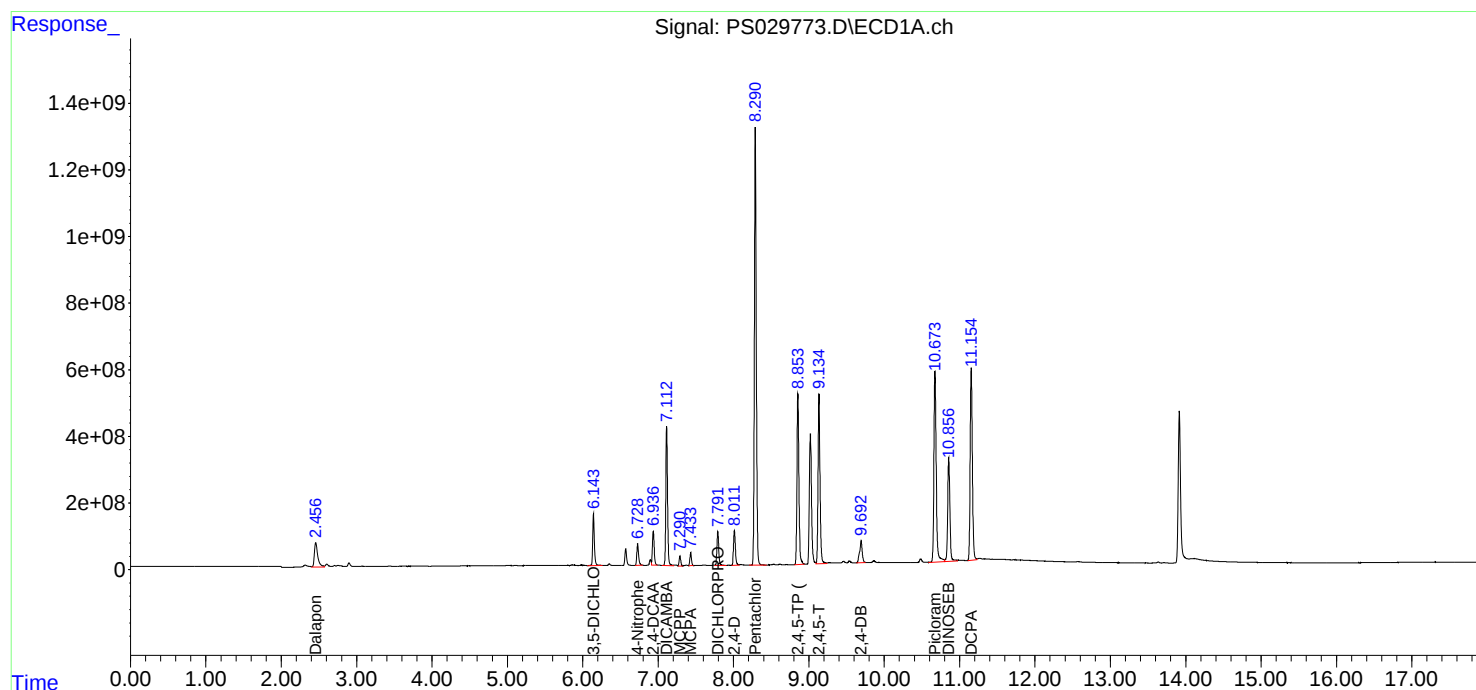
Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

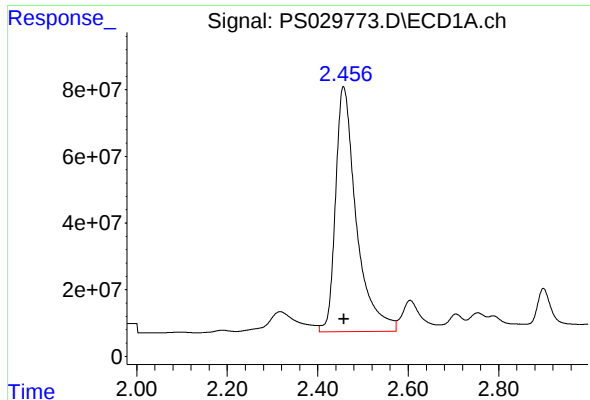
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Signal #1 Info : 30M x 0.32mm x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





#1 Dalapon

R.T.: 2.457 min
Delta R.T.: -0.001 min
Response: 2344895021
Conc: 691.22 ng/ml

Instrument :

ECD_S

ClientSampleId :

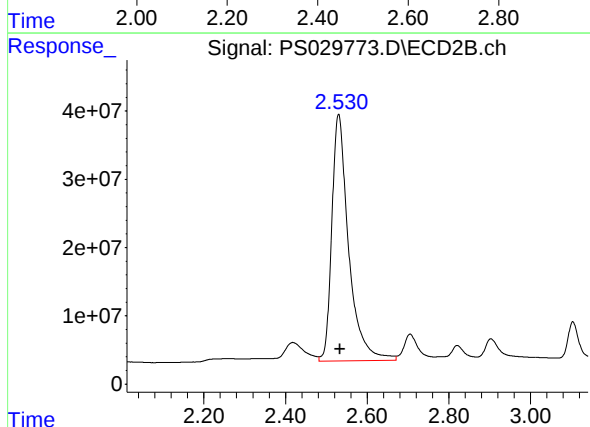
HSTDCCC750

Manual Integrations

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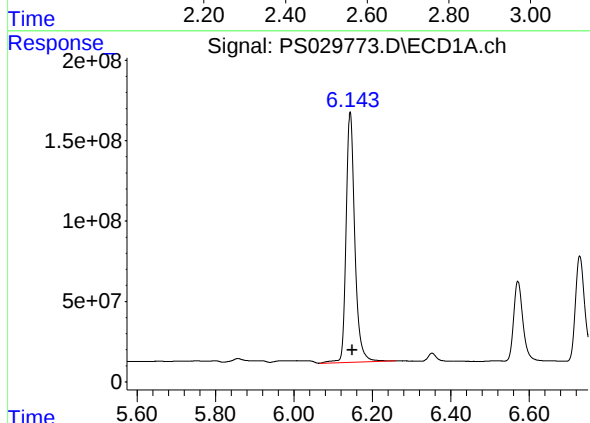
Reviewed By :Abdul Mirza 04/10/2025

Supervised By :mohammad ahmed 04/11/2025



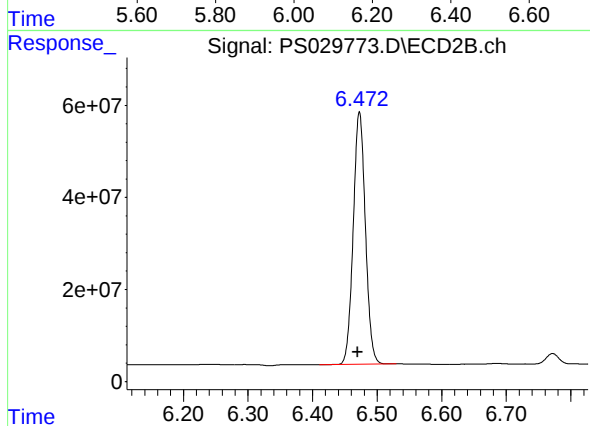
#1 Dalapon

R.T.: 2.530 min
Delta R.T.: -0.003 min
Response: 1034115133
Conc: 651.37 ng/ml



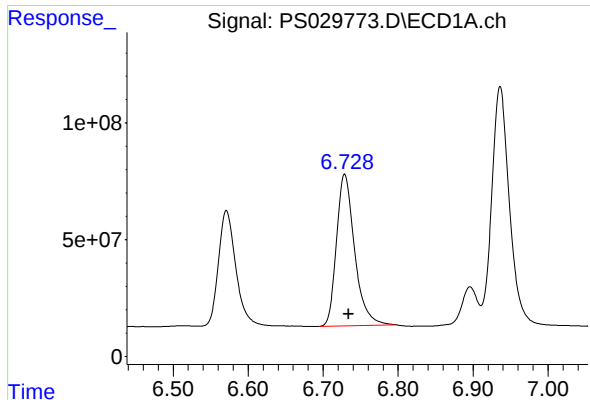
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.143 min
Delta R.T.: -0.006 min
Response: 2383738424
Conc: 792.53 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.473 min
Delta R.T.: 0.002 min
Response: 716733695
Conc: 742.30 ng/ml



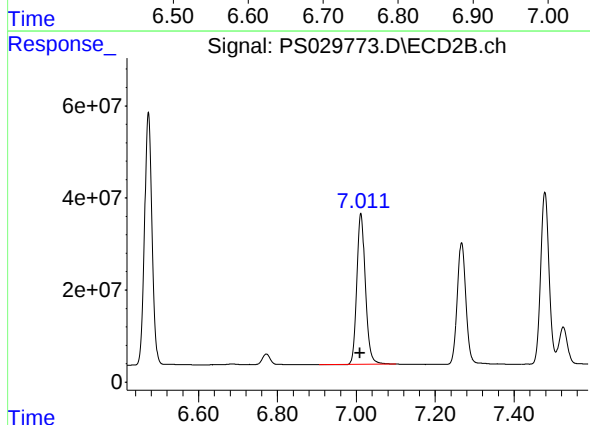
#3 4-Nitrophenol

R.T.: 6.728 min
Delta R.T.: -0.006 min
Response: 1091013471
Conc: 776.63 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

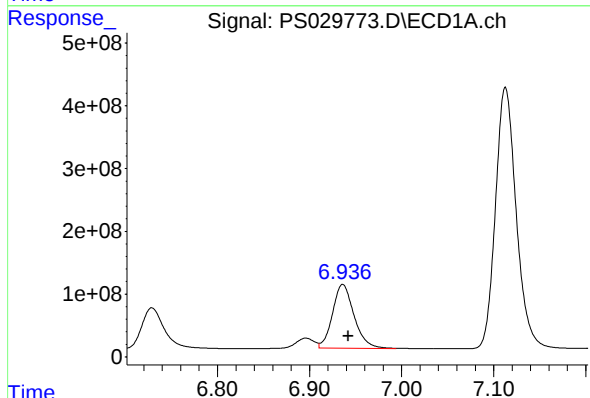
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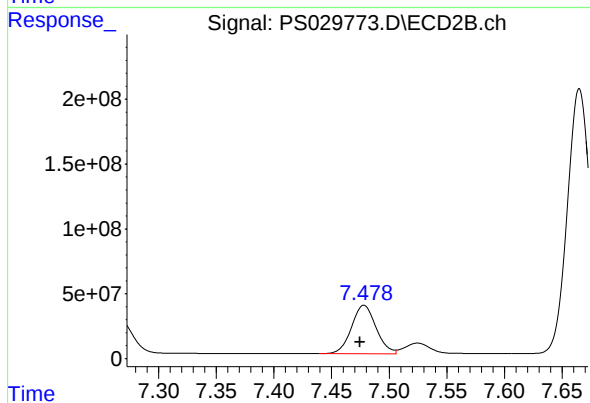
#3 4-Nitrophenol

R.T.: 7.012 min
Delta R.T.: 0.002 min
Response: 496456625
Conc: 700.22 ng/ml



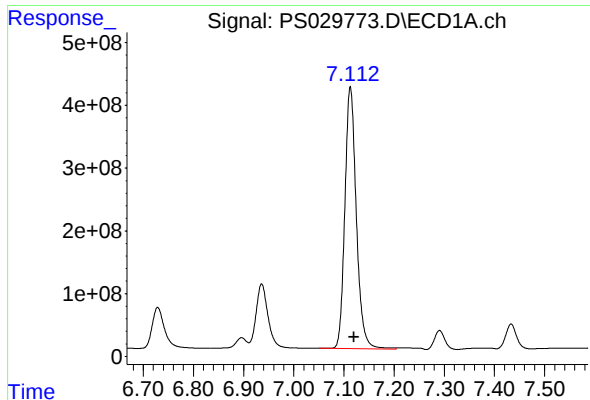
#4 2,4-DCAA

R.T.: 6.936 min
Delta R.T.: -0.006 min
Response: 1652938849
Conc: 810.73 ng/ml m



#4 2,4-DCAA

R.T.: 7.478 min
Delta R.T.: 0.003 min
Response: 553772057
Conc: 812.56 ng/ml



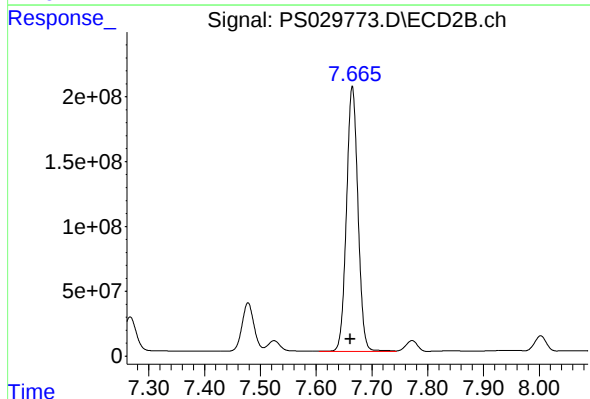
#5 DICAMBA

R.T.: 7.113 min
Delta R.T.: -0.007 min
Response: 6612568955
Conc: 794.59 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

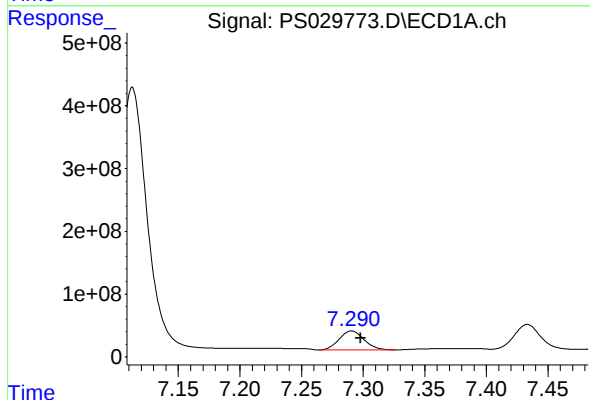
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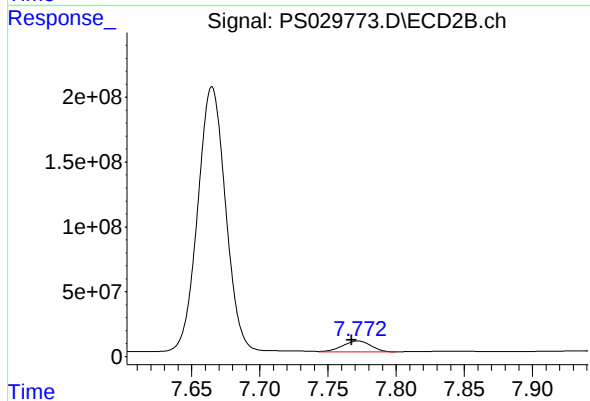
#5 DICAMBA

R.T.: 7.665 min
Delta R.T.: 0.003 min
Response: 2925766690
Conc: 792.17 ng/ml



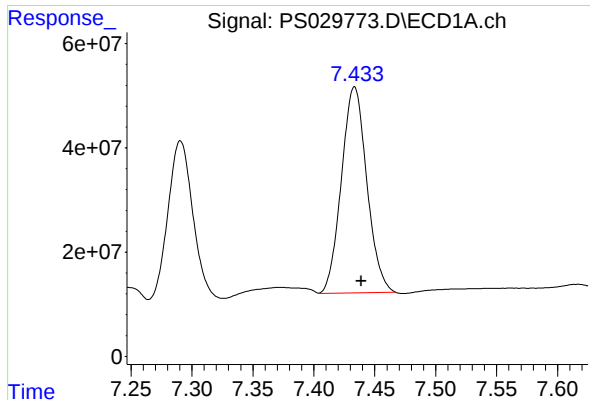
#6 MCP

R.T.: 7.291 min
Delta R.T.: -0.007 min
Response: 426119493
Conc: 78.62 ug/ml



#6 MCP

R.T.: 7.772 min
Delta R.T.: 0.005 min
Response: 122259966
Conc: 72.41 ug/ml



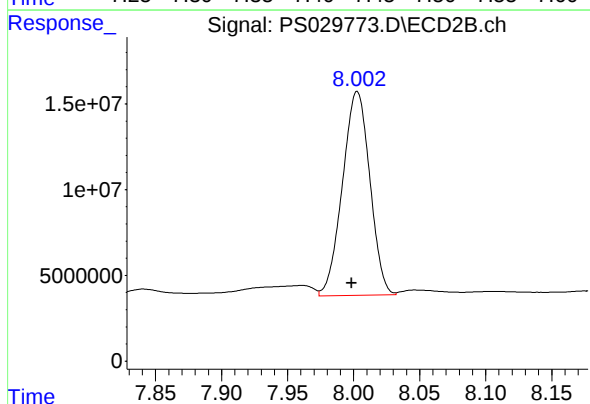
#7 MCPA

R.T.: 7.433 min
Delta R.T.: -0.006 min
Response: 573167063
Conc: 78.85 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

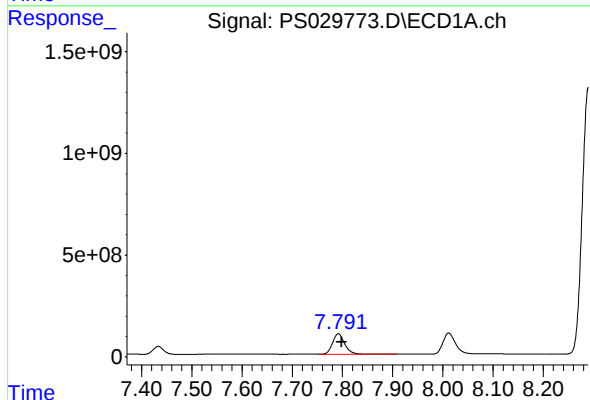
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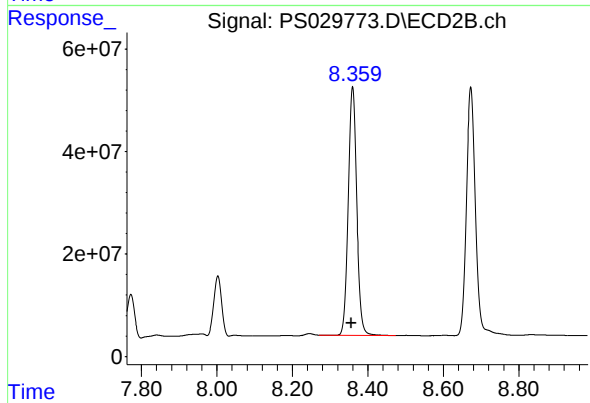
#7 MCPA

R.T.: 8.003 min
Delta R.T.: 0.004 min
Response: 171689272
Conc: 75.46 ug/ml



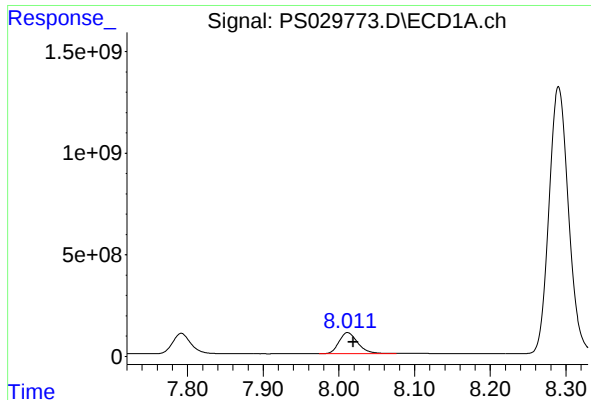
#8 DICHLORPROP

R.T.: 7.792 min
Delta R.T.: -0.007 min
Response: 1698698738
Conc: 772.33 ng/ml



#8 DICHLORPROP

R.T.: 8.359 min
Delta R.T.: 0.003 min
Response: 756057979
Conc: 782.55 ng/ml



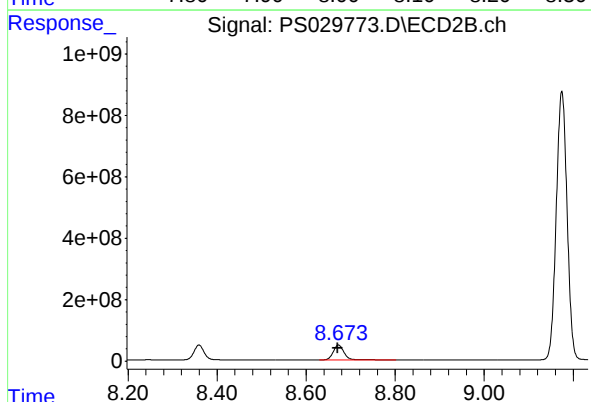
#9 2,4-D

R.T.: 8.012 min
Delta R.T.: -0.007 min
Response: 1826912252
Conc: 758.18 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

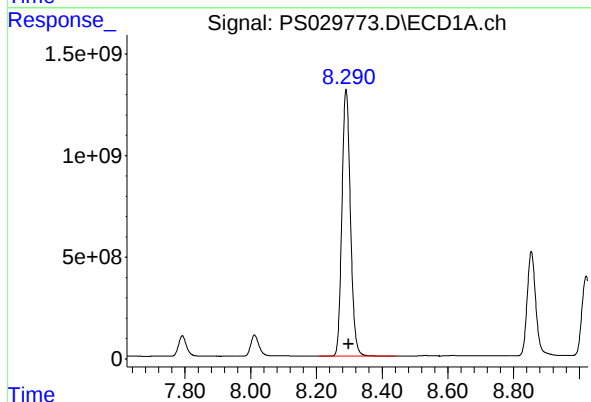
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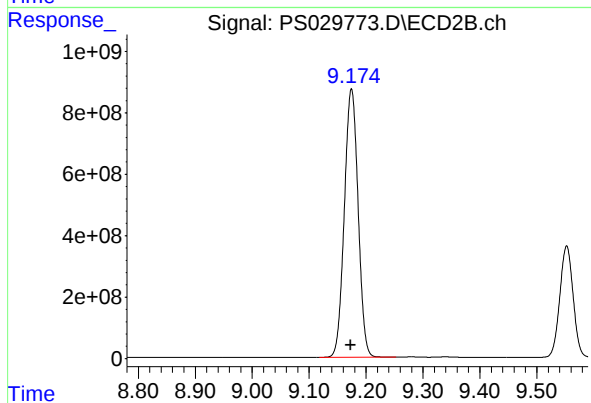
#9 2,4-D

R.T.: 8.673 min
Delta R.T.: 0.002 min
Response: 808542842
Conc: 749.72 ng/ml



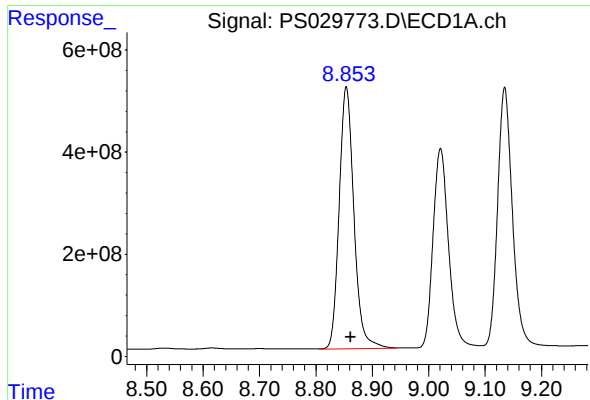
#10 Pentachlorophenol

R.T.: 8.290 min
Delta R.T.: -0.008 min
Response: 23559789166
Conc: 774.87 ng/ml



#10 Pentachlorophenol

R.T.: 9.174 min
Delta R.T.: 0.000 min
Response: 14693607702
Conc: 819.60 ng/ml m



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

R.T.: 8.853 min
Delta R.T.: -0.009 min
Response: 9297363652
Conc: 800.44 ng/ml

Instrument :

ECD_S

ClientSampleId :

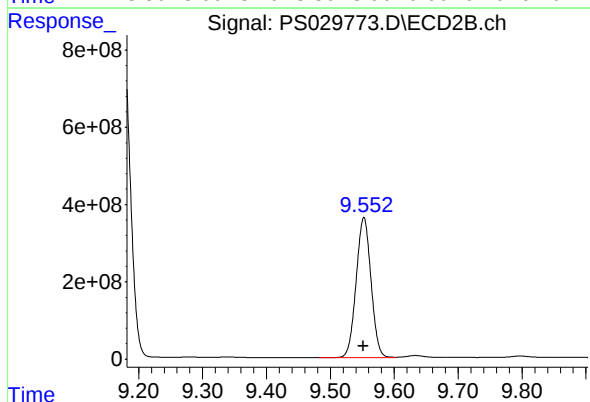
HSTDCCC750

Manual Integrations

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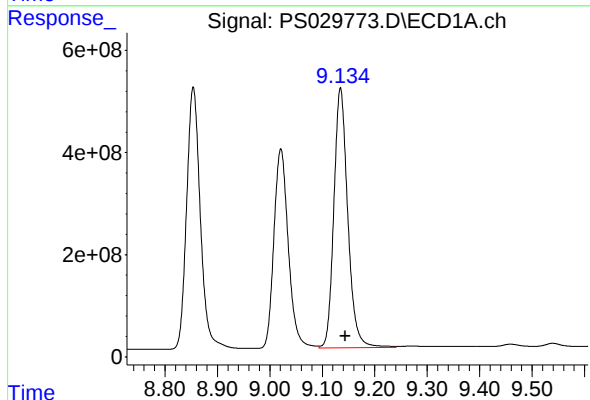
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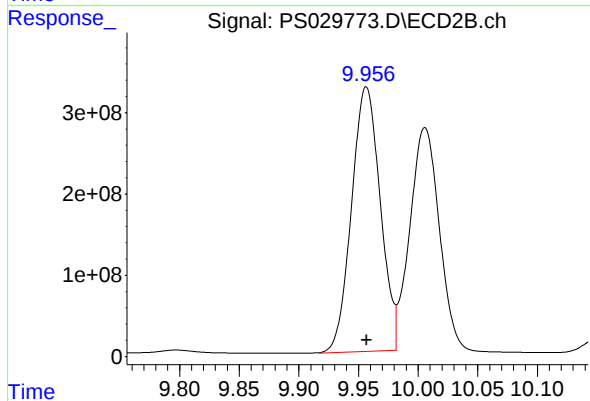
#11 2,4,5-TP (SILVEX)

R.T.: 9.553 min
Delta R.T.: 0.001 min
Response: 5867217390
Conc: 813.43 ng/ml



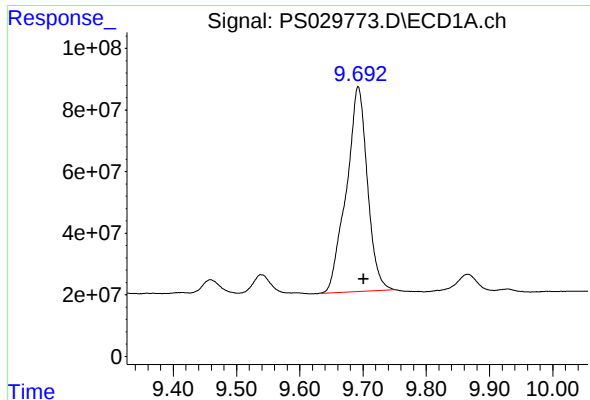
#12 2,4,5-T

R.T.: 9.135 min
Delta R.T.: -0.009 min
Response: 9374947728
Conc: 814.90 ng/ml



#12 2,4,5-T

R.T.: 9.956 min
Delta R.T.: 0.000 min
Response: 5450639449
Conc: 813.18 ng/ml m



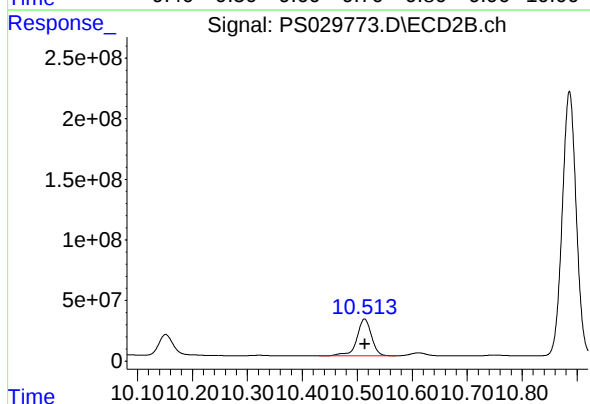
#13 2,4-DB

R.T.: 9.692 min
Delta R.T.: -0.009 min
Response: 1539339111
Conc: 847.31 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

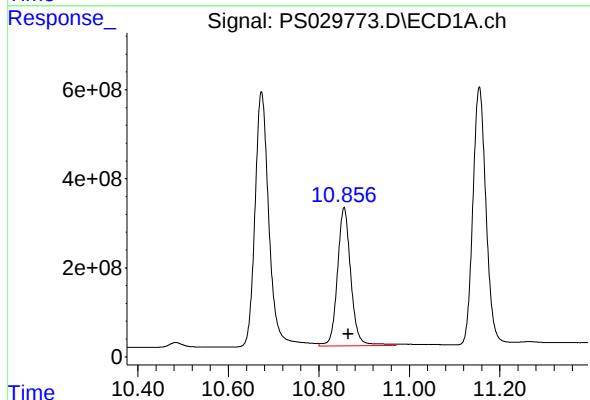
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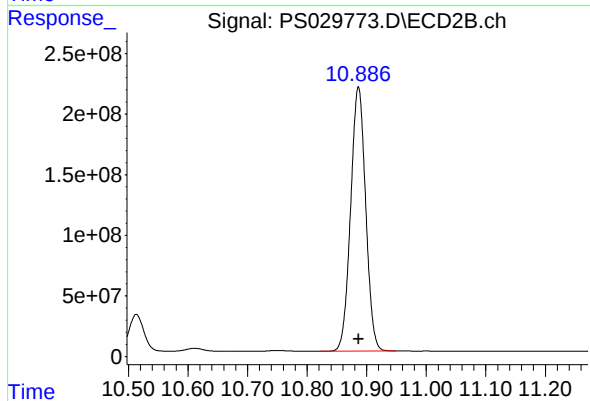
#13 2,4-DB

R.T.: 10.513 min
Delta R.T.: 0.000 min
Response: 567077691
Conc: 764.28 ng/ml



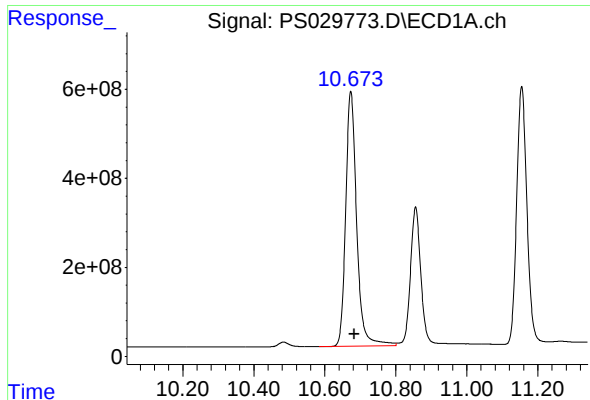
#14 DINOSEB

R.T.: 10.856 min
Delta R.T.: -0.009 min
Response: 6412164456
Conc: 759.55 ng/ml



#14 DINOSEB

R.T.: 10.886 min
Delta R.T.: 0.000 min
Response: 3818301832
Conc: 746.81 ng/ml



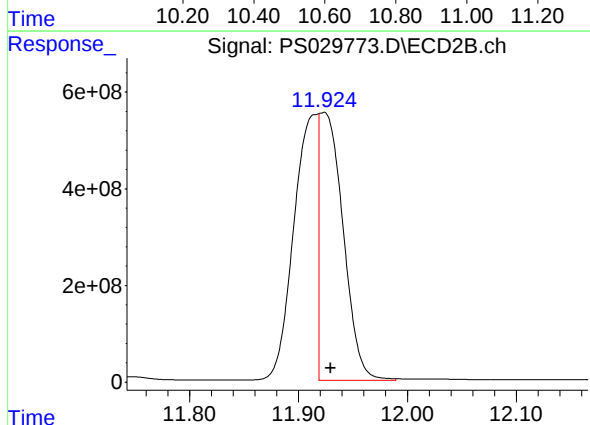
#15 Picloram

R.T.: 10.673 min
Delta R.T.: -0.010 min
Response: 12321735520
Conc: 794.93 ng/ml

Instrument :
ECD_S
ClientSampleId :
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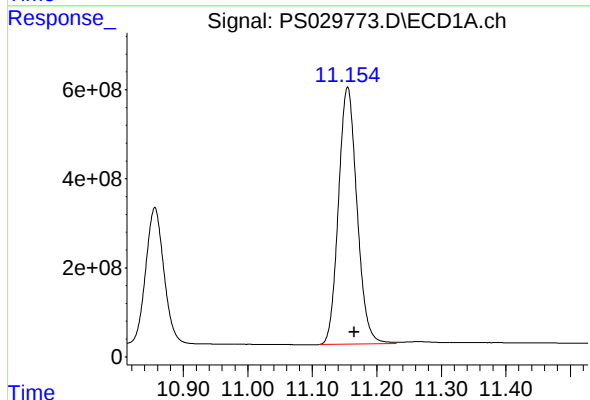
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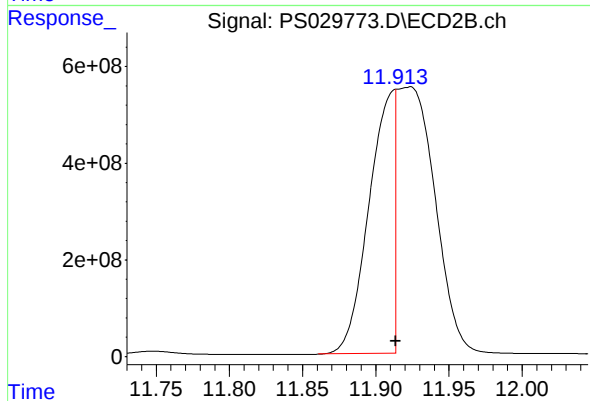
#15 Picloram

R.T.: 11.924 min
Delta R.T.: -0.006 min
Response: 8254690187
Conc: 698.10 ng/ml m



#16 DCPA

R.T.: 11.155 min
Delta R.T.: -0.010 min
Response: 11536685589
Conc: 826.05 ng/ml



#16 DCPA

R.T.: 11.913 min
Delta R.T.: 0.000 min
Response: 6691228066
Conc: 756.01 ng/ml m