

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS051525\
 Data File : PS030256.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 May 2025 00:08
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/16/2025
 Supervised By : mohammad ahmed 05/20/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 16 01:21:18 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
 Quant Title : 8080.M
 QLast Update : Mon May 12 14:29:24 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 x 0.5 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	6.932	7.452	2095.7E6	609.3E6	735.910	761.372
Target Compounds							
1) T	Dalapon	2.445	2.519	3344.5E6	1388.5E6	680.414	683.655
2) T	3,5-DICHL...	6.137	6.452	2882.7E6	800.5E6	691.207	686.595
3) T	4-Nitroph...	6.722	6.986	1421.2E6	668.3E6	688.037	640.100
5) T	DICAMBA	7.109	7.637	8123.7E6	3480.4E6	702.906	736.125
6) T	MCP	7.288	7.745	551.4E6	129.3E6	75.709	70.271
7) T	MCPA	7.431	7.975	733.4E6	179.6E6	70.646	68.080
8) T	DICHLORPROP	7.788	8.329	2003.5E6	829.7E6	685.807	702.276
9) T	2,4-D	8.008	8.641	2266.3E6	930.5E6	691.167	721.031
10) T	Pentachlo...	8.285	9.141	28573.6E6	18383.2E6	705.507	744.712
11) T	2,4,5-TP ...	8.849	9.520	11234.7E6	7251.2E6	693.671	736.127
12) T	2,4,5-T	9.130	9.923	11595.9E6	6748.7E6	702.137	733.264
13) T	2,4-DB	9.688	10.480	1982.2E6	663.3E6	759.511	668.438
14) T	DINOSEB	10.850	10.854	7656.6E6	4902.0E6	669.497	717.504
15) T	Picloram	10.668	11.890	15380.8E6	9988.7E6	719.169	709.770m
16) T	DCPA	11.150	11.887	13622.8E6	9470.6E6	684.167	700.983m

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

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Acq On : 16 May 2025 00:08
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

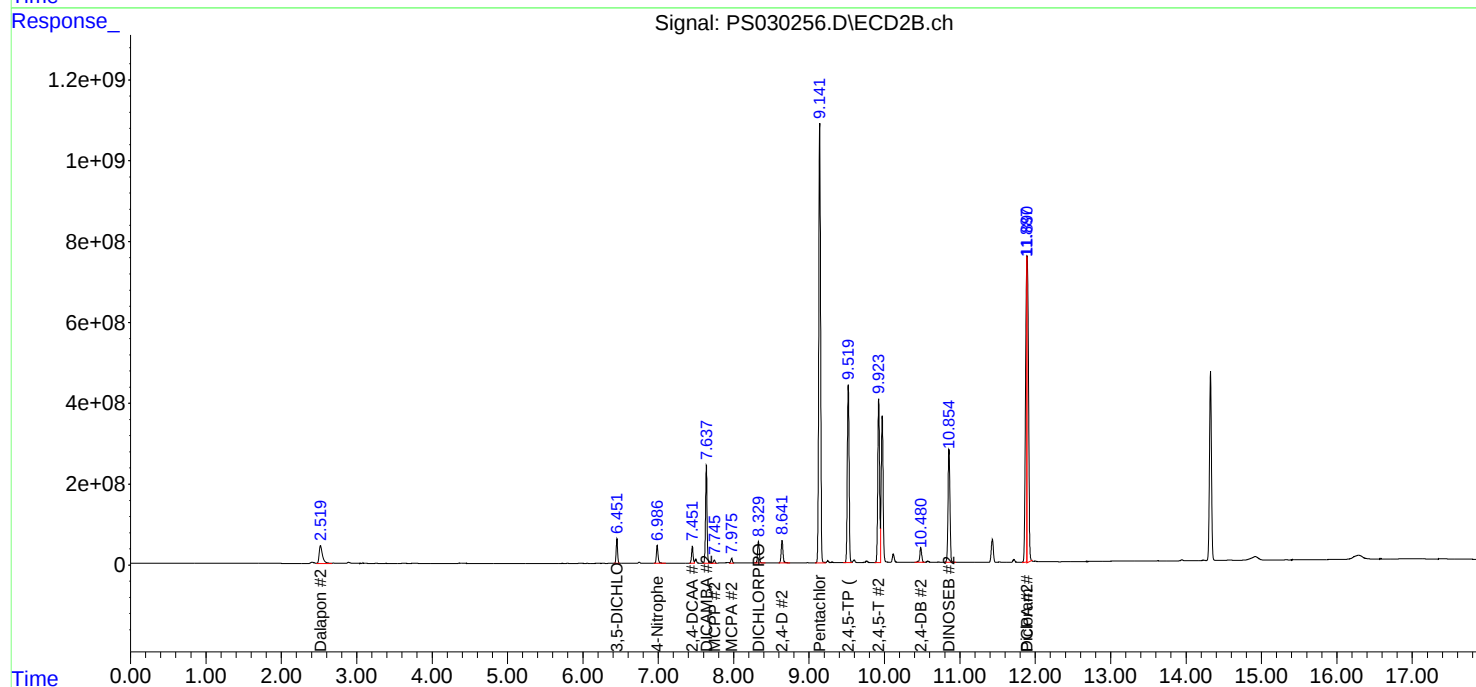
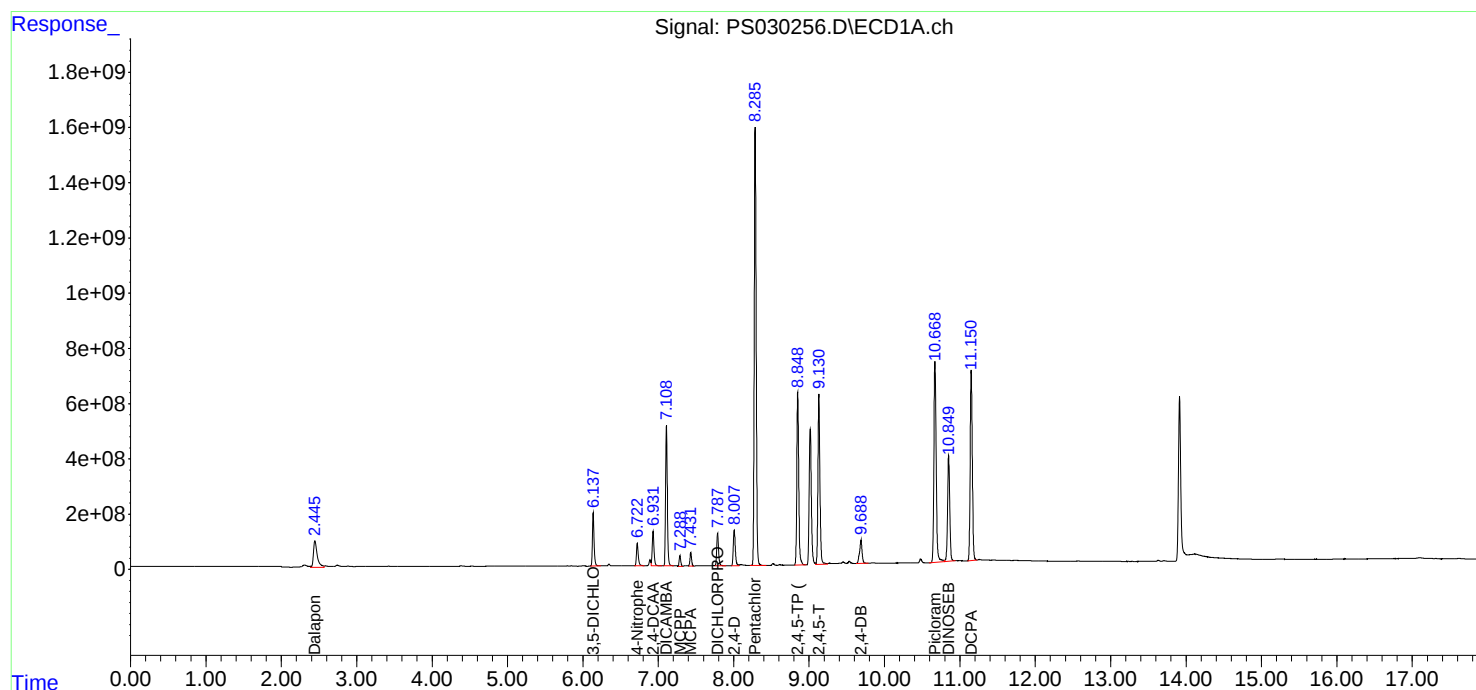
Instrument :
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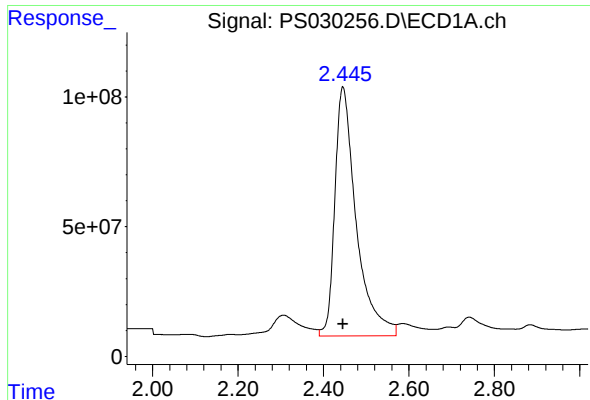
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Integration File signal 2: autoint2.e
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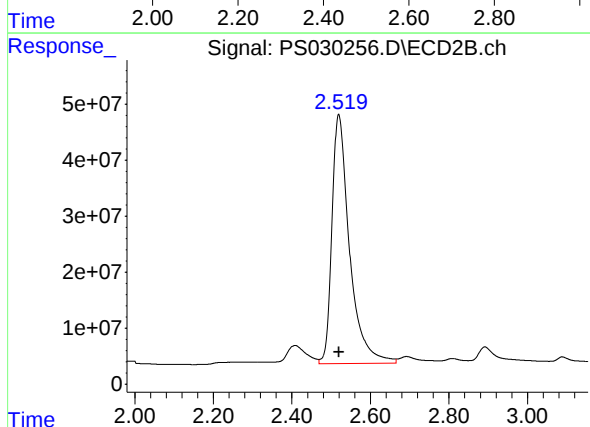
#1 Dalapon

R.T.: 2.445 min
Delta R.T.: 0.000 min
Response: 3344478278
Conc: 680.41 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

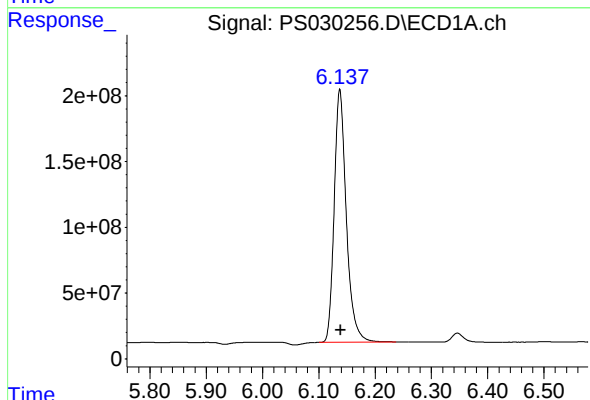
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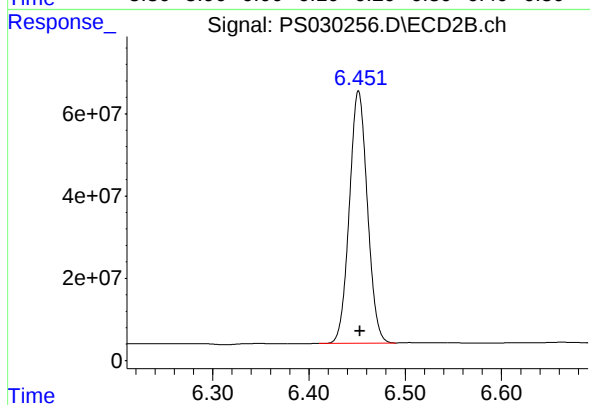
#1 Dalapon

R.T.: 2.519 min
Delta R.T.: -0.001 min
Response: 1388538284
Conc: 683.66 ng/ml



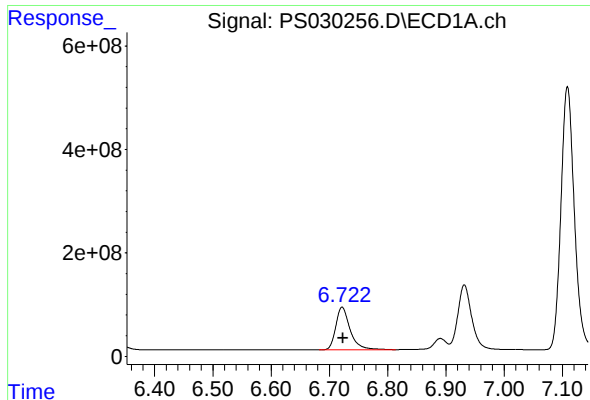
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.137 min
Delta R.T.: -0.001 min
Response: 2882715896
Conc: 691.21 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.452 min
Delta R.T.: -0.002 min
Response: 800452566
Conc: 686.59 ng/ml



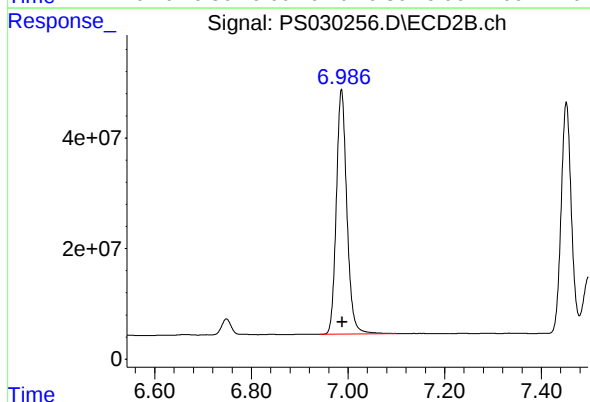
#3 4-Nitrophenol

R.T.: 6.722 min
Delta R.T.: -0.002 min
Response: 1421219438
Conc: 688.04 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

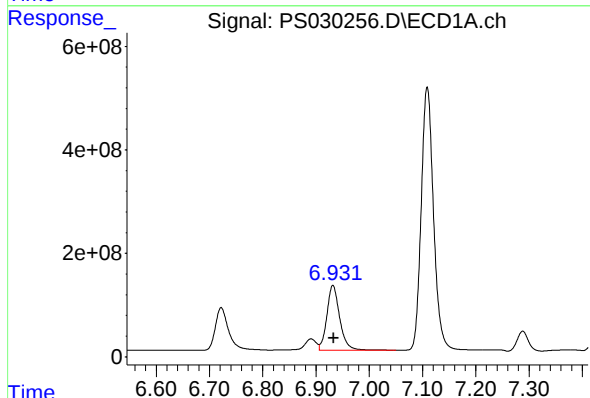
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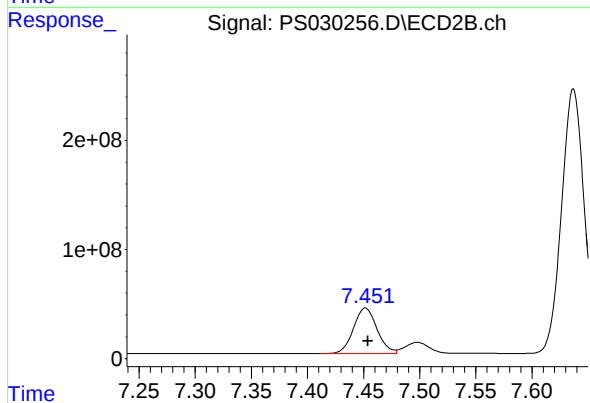
#3 4-Nitrophenol

R.T.: 6.986 min
Delta R.T.: -0.002 min
Response: 668285271
Conc: 640.10 ng/ml



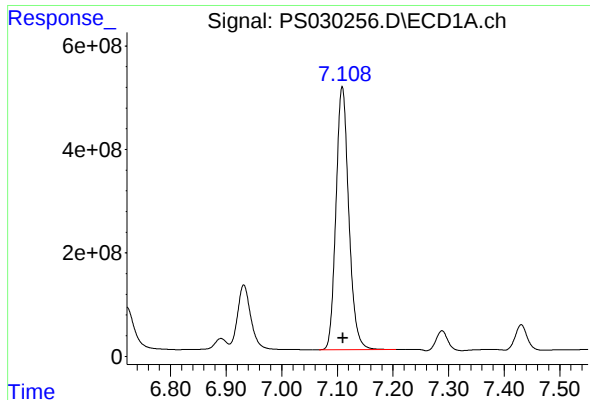
#4 2,4-DCAA

R.T.: 6.932 min
Delta R.T.: -0.002 min
Response: 2095729595
Conc: 735.91 ng/ml



#4 2,4-DCAA

R.T.: 7.452 min
Delta R.T.: -0.002 min
Response: 609252880
Conc: 761.37 ng/ml



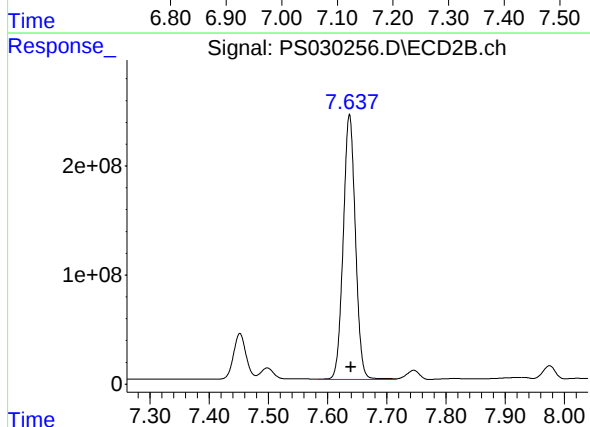
#5 DICAMBA

R.T.: 7.109 min
Delta R.T.: -0.001 min
Response: 8123738299
Conc: 702.91 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

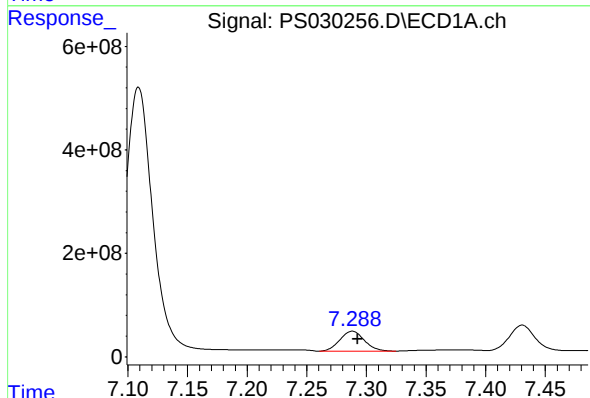
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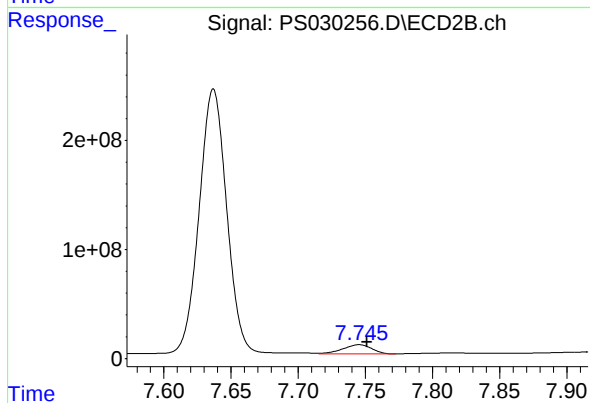
#5 DICAMBA

R.T.: 7.637 min
Delta R.T.: -0.003 min
Response: 3480383196
Conc: 736.13 ng/ml



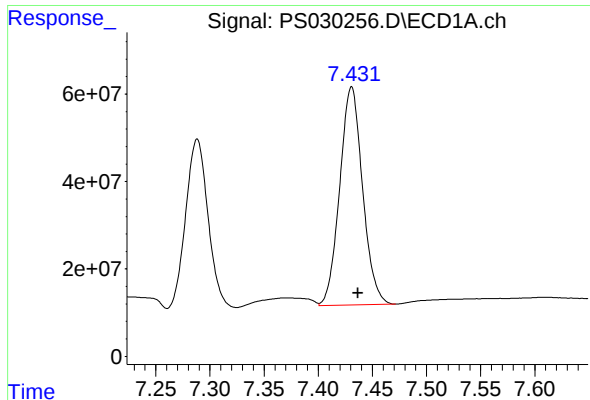
#6 MCPP

R.T.: 7.288 min
Delta R.T.: -0.005 min
Response: 551366506
Conc: 75.71 ug/ml



#6 MCPP

R.T.: 7.745 min
Delta R.T.: -0.006 min
Response: 129281355
Conc: 70.27 ug/ml



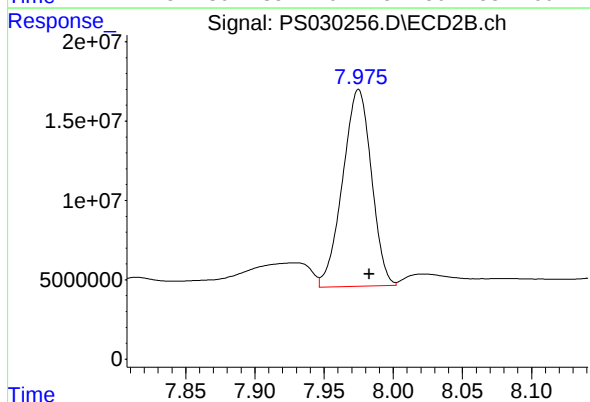
#7 MCPA

R.T.: 7.431 min
Delta R.T.: -0.006 min
Response: 733372399
Conc: 70.65 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

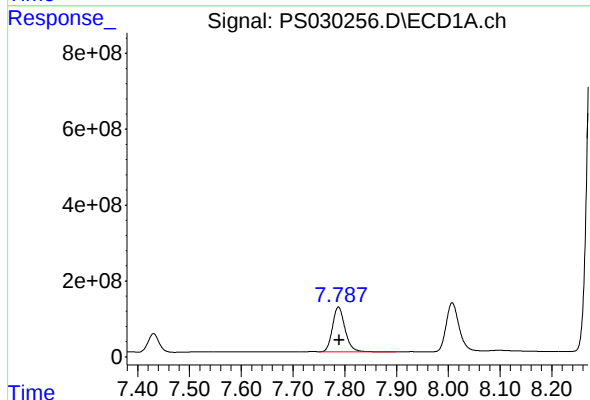
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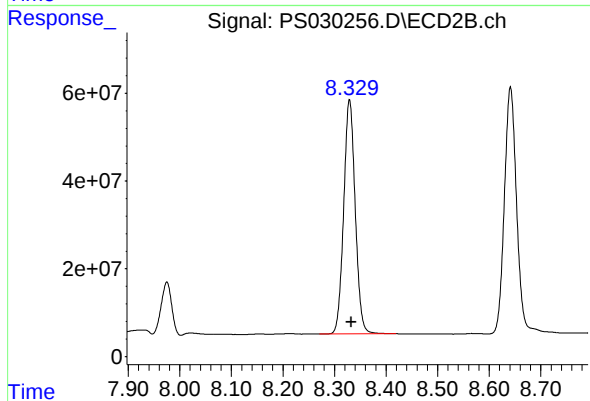
#7 MCPA

R.T.: 7.975 min
Delta R.T.: -0.008 min
Response: 179572333
Conc: 68.08 ug/ml



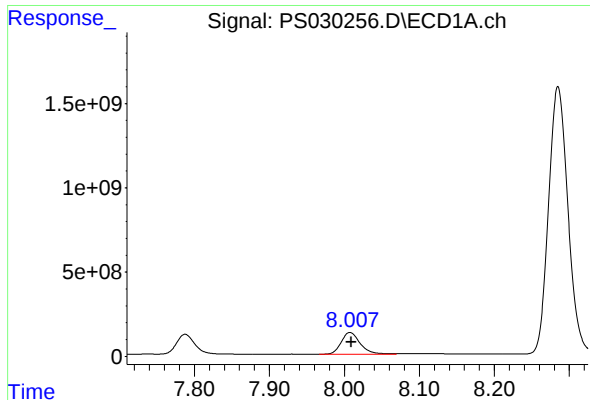
#8 DICHLORPROP

R.T.: 7.788 min
Delta R.T.: -0.002 min
Response: 2003477247
Conc: 685.81 ng/ml



#8 DICHLORPROP

R.T.: 8.329 min
Delta R.T.: -0.004 min
Response: 829692566
Conc: 702.28 ng/ml



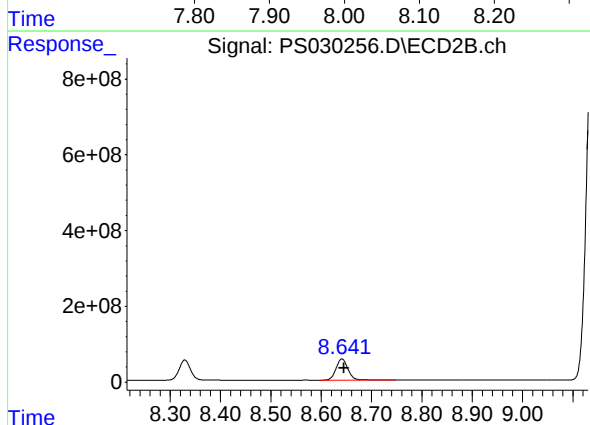
#9 2,4-D

R.T.: 8.008 min
Delta R.T.: -0.002 min
Response: 2266292996
Conc: 691.17 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

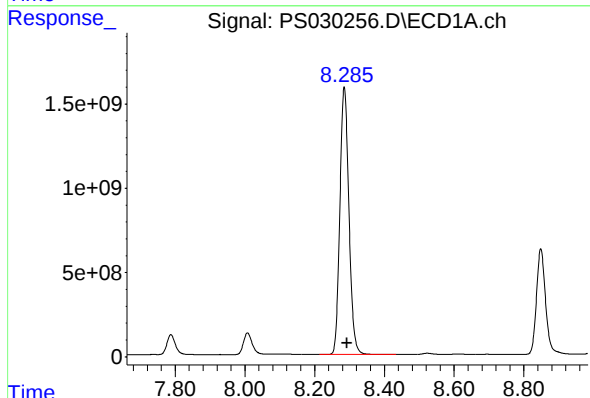
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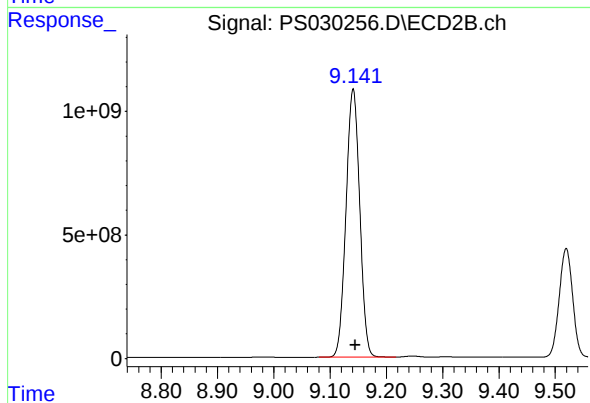
#9 2,4-D

R.T.: 8.641 min
Delta R.T.: -0.004 min
Response: 930490433
Conc: 721.03 ng/ml



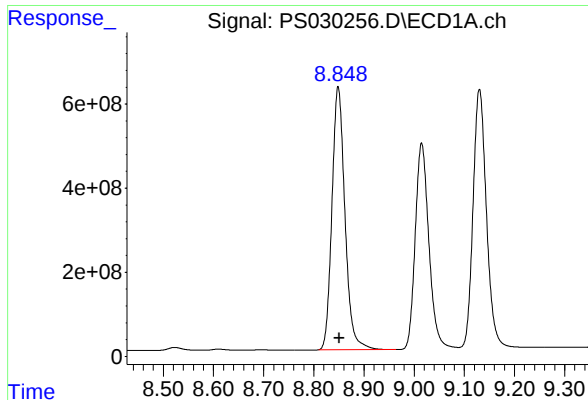
#10 Pentachlorophenol

R.T.: 8.285 min
Delta R.T.: -0.008 min
Response: 28573600764
Conc: 705.51 ng/ml



#10 Pentachlorophenol

R.T.: 9.141 min
Delta R.T.: -0.004 min
Response: 18383178381
Conc: 744.71 ng/ml



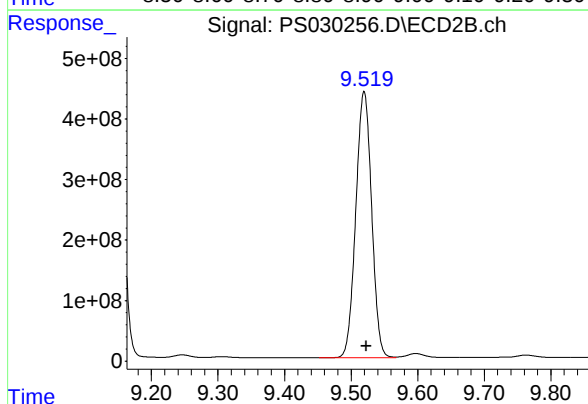
#11 2,4,5-TP (SILVEX)

R.T.: 8.849 min
Delta R.T.: -0.002 min
Response: 11234682810
Conc: 693.67 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

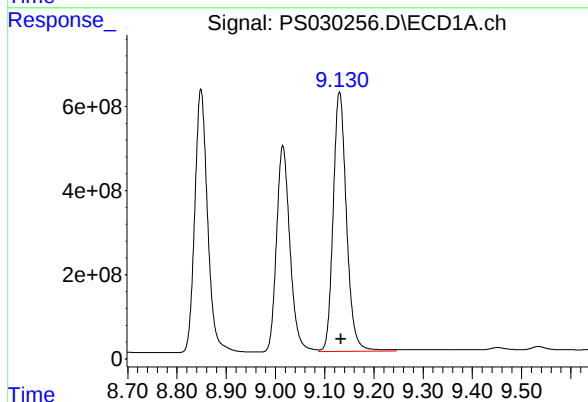
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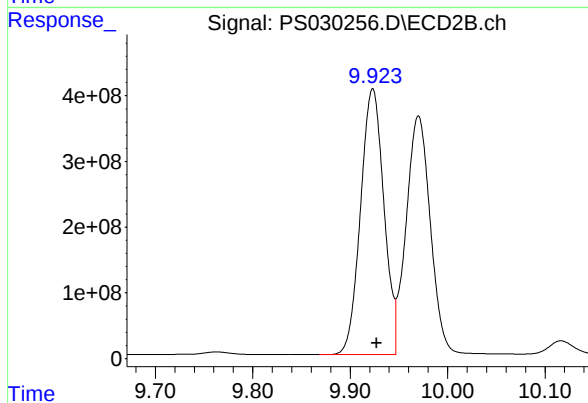
#11 2,4,5-TP (SILVEX)

R.T.: 9.520 min
Delta R.T.: -0.004 min
Response: 7251162008
Conc: 736.13 ng/ml



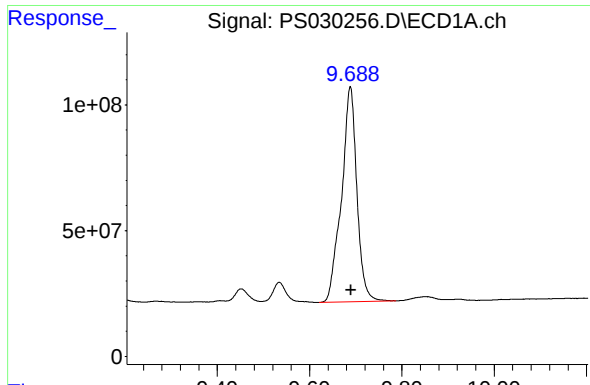
#12 2,4,5-T

R.T.: 9.130 min
Delta R.T.: -0.003 min
Response: 11595929648
Conc: 702.14 ng/ml



#12 2,4,5-T

R.T.: 9.923 min
Delta R.T.: -0.004 min
Response: 6748673659
Conc: 733.26 ng/ml



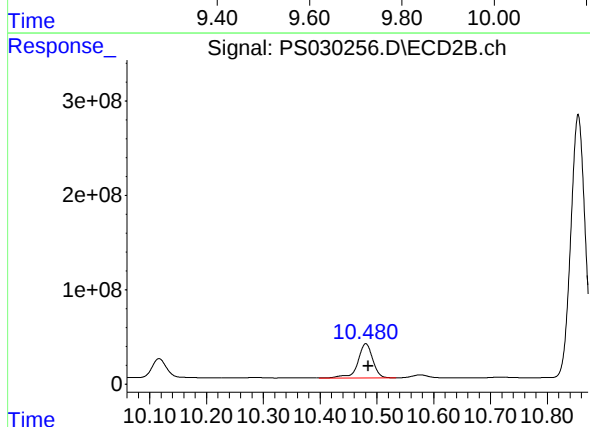
#13 2,4-DB

R.T.: 9.688 min
Delta R.T.: -0.002 min
Response: 1982152603
Conc: 759.51 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

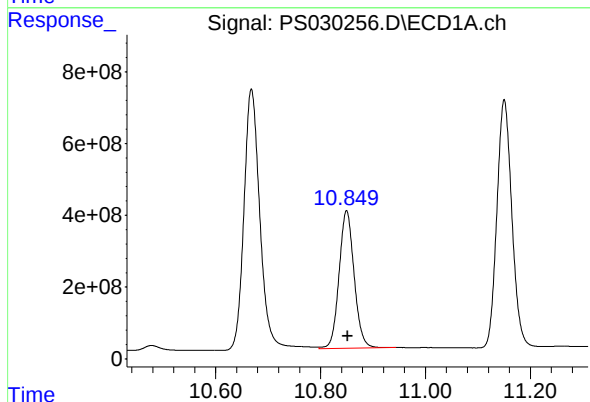
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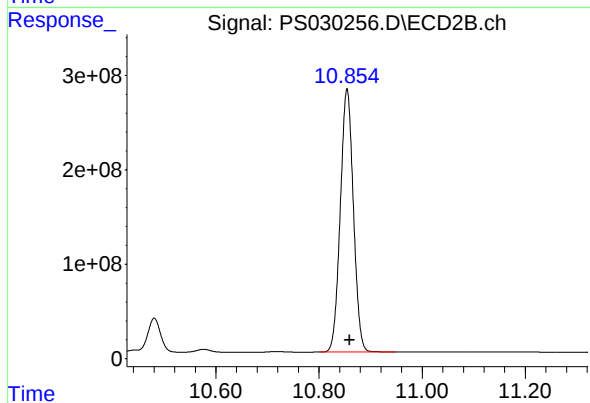
#13 2,4-DB

R.T.: 10.480 min
Delta R.T.: -0.005 min
Response: 663338714
Conc: 668.44 ng/ml



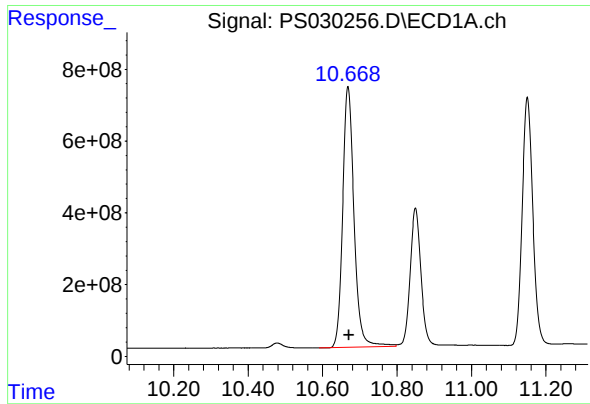
#14 DINOSEB

R.T.: 10.850 min
Delta R.T.: -0.002 min
Response: 7656602286
Conc: 669.50 ng/ml



#14 DINOSEB

R.T.: 10.854 min
Delta R.T.: -0.004 min
Response: 4901973748
Conc: 717.50 ng/ml



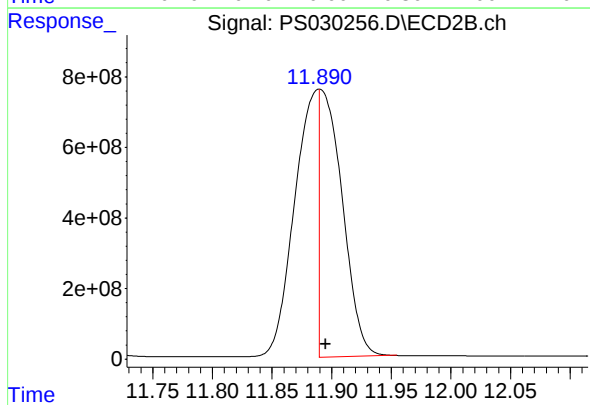
#15 Picloram

R.T.: 10.668 min
Delta R.T.: -0.002 min
Response: 15380845972
Conc: 719.17 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

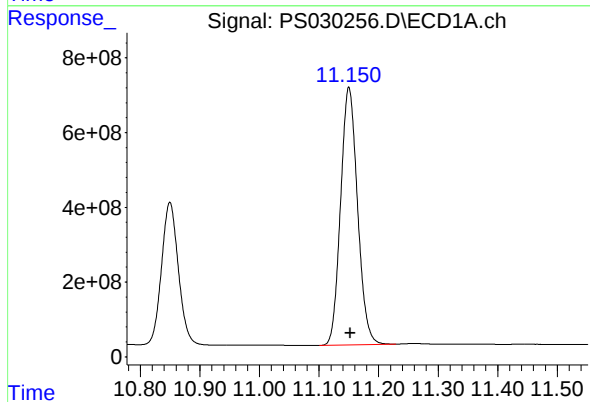
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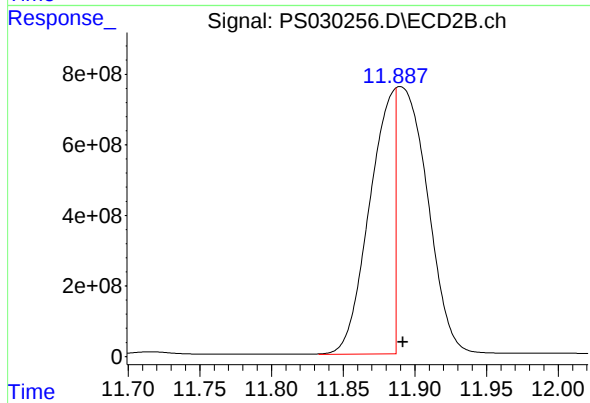
#15 Picloram

R.T.: 11.890 min
Delta R.T.: -0.005 min
Response: 9988679491
Conc: 709.77 ng/ml m



#16 DCPA

R.T.: 11.150 min
Delta R.T.: -0.003 min
Response: 13622784191
Conc: 684.17 ng/ml



#16 DCPA

R.T.: 11.887 min
Delta R.T.: -0.005 min
Response: 9470641291
Conc: 700.98 ng/ml m