

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS101425\
 Data File : PS032022.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Oct 2025 01:09
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/15/2025
 Supervised By :mohammad ahmed 10/16/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 15 03:25:42 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	7.282	7.744	3544.5E6	839.6E6	743.538	763.039
Target Compounds							
1) T	Dalapon	2.661	2.688	5076.8E6	2525.9E6	656.973	672.089
2) T	3,5-DICHL...	6.449	6.696	4904.1E6	1341.7E6	696.713	643.241m
3) T	4-Nitroph...	7.098	7.300	1073.1E6	1195.8E6	803.975	788.071m
5) T	DICAMBA	7.464	7.939	14732.0E6	6082.0E6	703.452	702.238
6) T	MCPD	7.642	8.036	887.4E6	179.0E6	72.569	72.104
7) T	MCPA	7.791	8.284	1078.0E6	274.4E6	73.250	72.737
8) T	DICHLORPROP	8.172	8.659	3258.1E6	1347.4E6	685.317	688.078
9) T	2,4-D	8.411	9.003	3061.3E6	1423.5E6	630.440m	684.951
10) T	Pentachlo...	8.709	9.508	48908.7E6	39041.8E6	728.682	753.356
11) T	2,4,5-TP ...	9.280	9.892	20067.6E6	14153.6E6	710.557	705.043
12) T	2,4,5-T	9.579	10.322	18477.4E6	12308.6E6	731.943	717.924
13) T	2,4-DB	10.154	10.891	1876.4E6	881.7E6	605.237m	682.381
14) T	DINOSEB	11.346	11.264	15668.6E6	10853.8E6	702.602	713.922
15) T	Picloram	11.183	12.388	17192.1E6	22920.1E6	729.164	688.457
16) T	DCPA	11.646	12.304	26107.4E6	23592.4E6	710.594	710.365

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

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Acq On : 15 Oct 2025 01:09
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

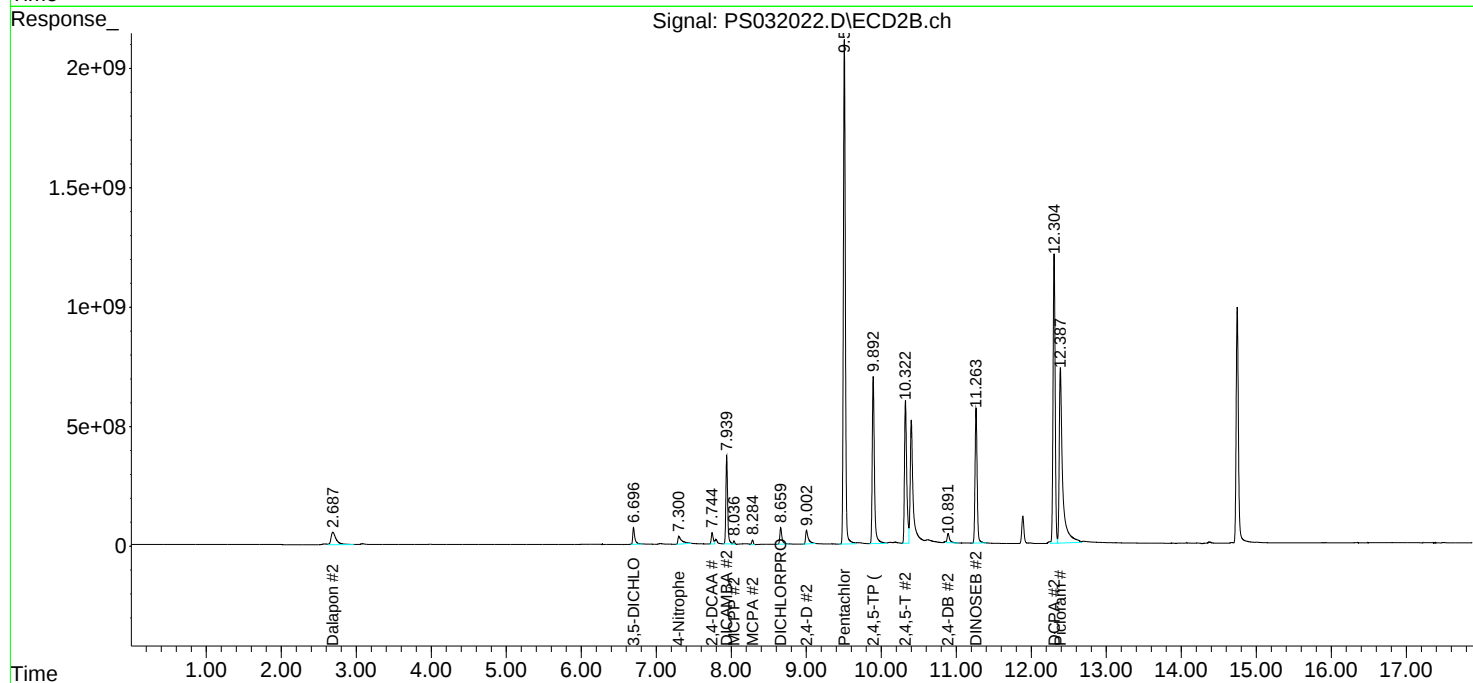
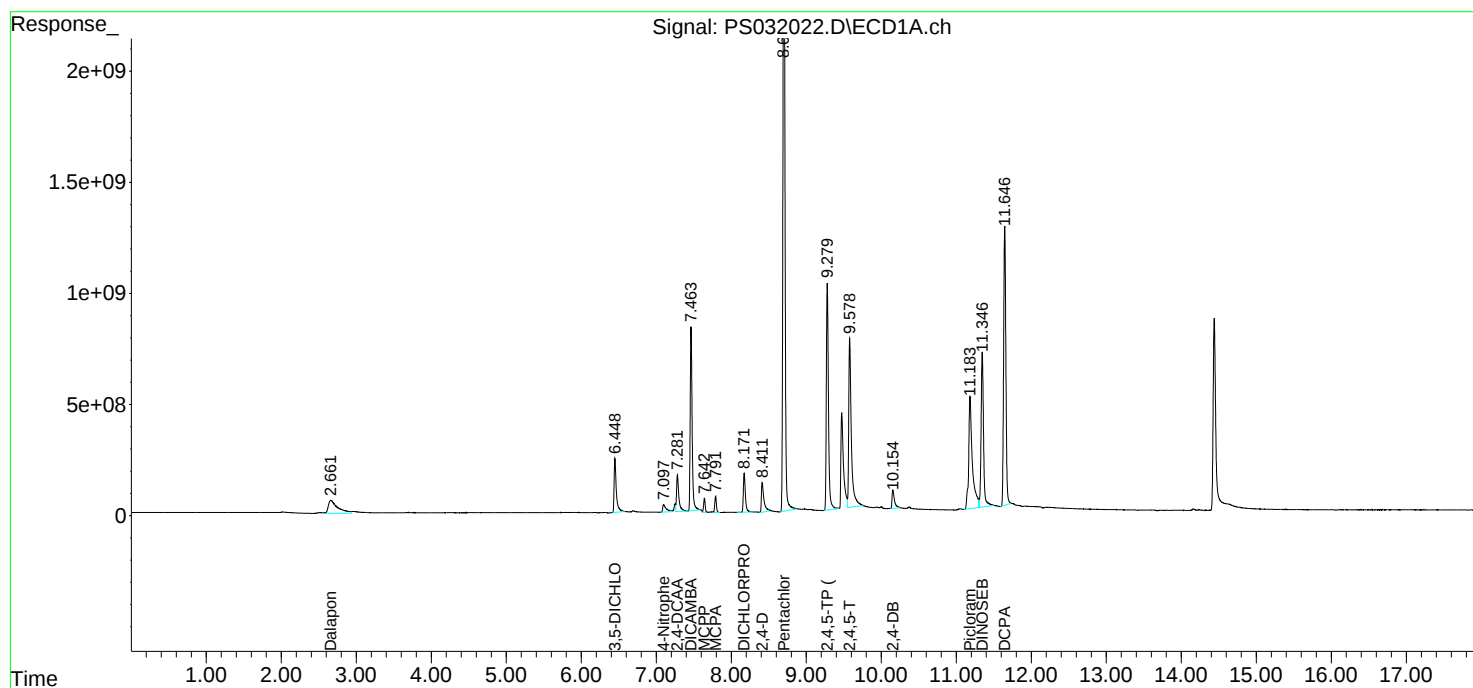
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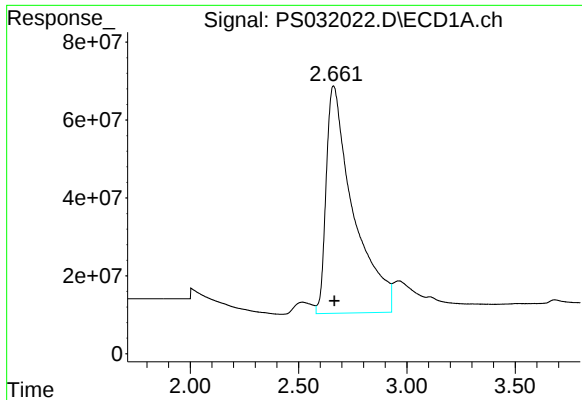
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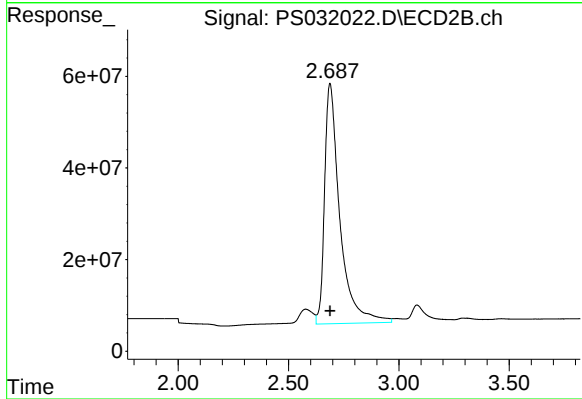
#1 Dalapon

R.T.: 2.661 min
Delta R.T.: -0.004 min
Response: 5076778701
Conc: 656.97 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

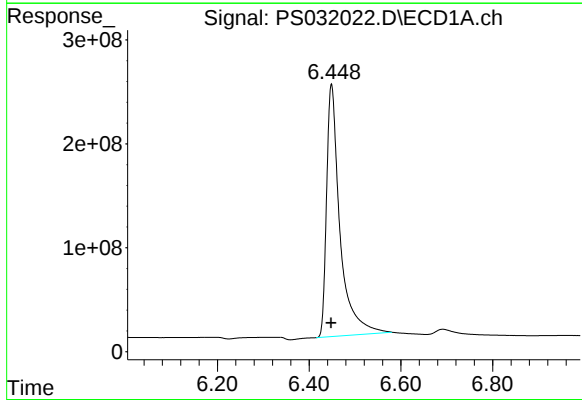
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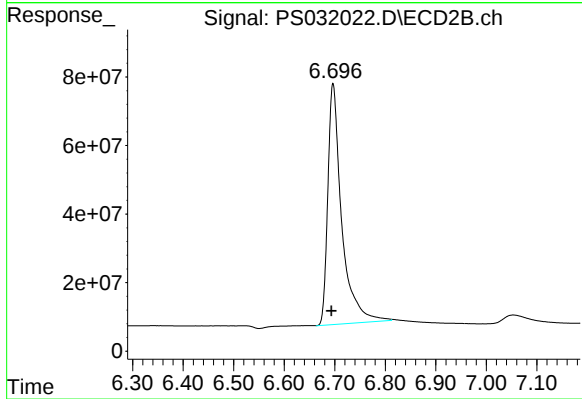
#1 Dalapon

R.T.: 2.688 min
Delta R.T.: -0.001 min
Response: 2525891988
Conc: 672.09 ng/ml



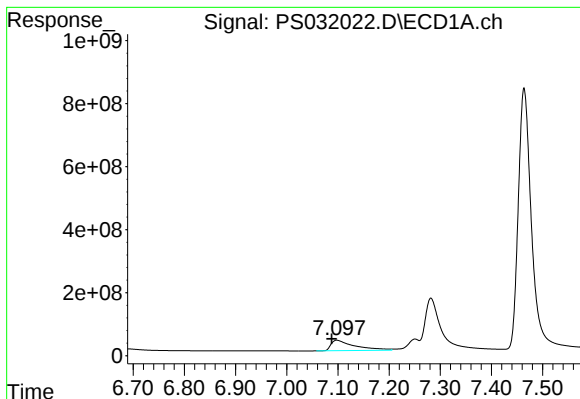
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.449 min
Delta R.T.: 0.001 min
Response: 4904066053
Conc: 696.71 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.696 min
Delta R.T.: 0.003 min
Response: 1341725660
Conc: 643.24 ng/ml m



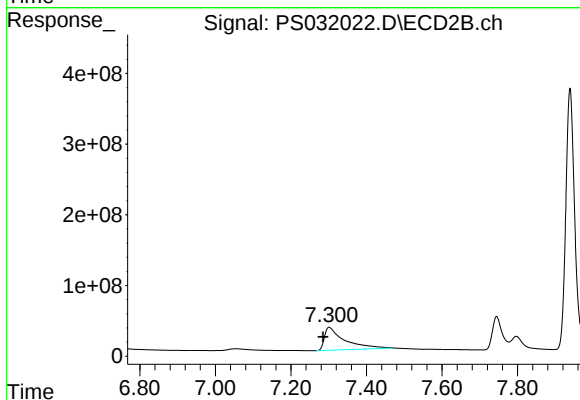
#3 4-Nitrophenol

R.T.: 7.098 min
Delta R.T.: 0.009 min
Response: 1073052251
Conc: 803.97 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

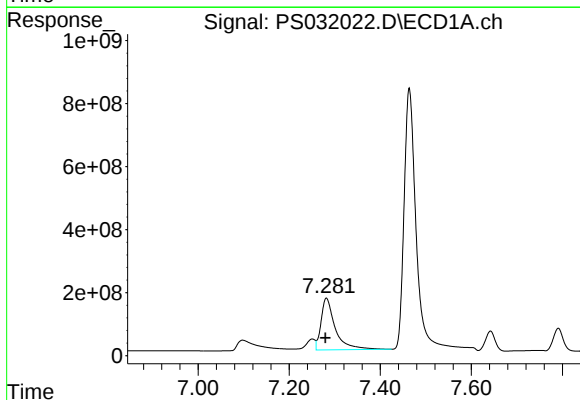
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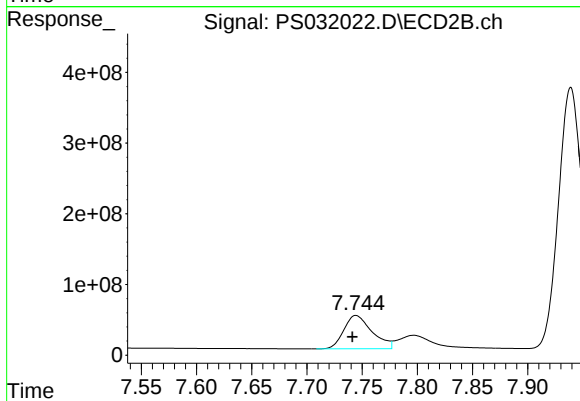
#3 4-Nitrophenol

R.T.: 7.300 min
Delta R.T.: 0.015 min
Response: 1195828595
Conc: 788.07 ng/ml m



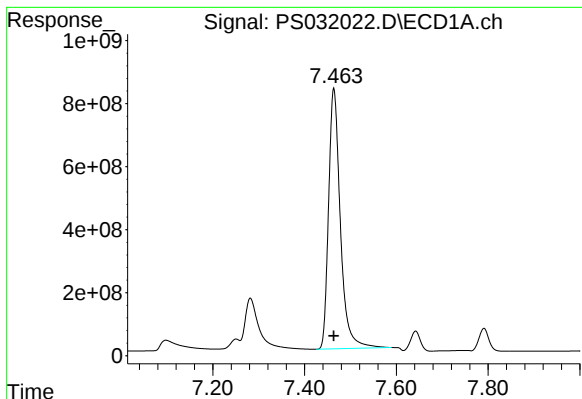
#4 2,4-DCAA

R.T.: 7.282 min
Delta R.T.: 0.002 min
Response: 3544469105
Conc: 743.54 ng/ml



#4 2,4-DCAA

R.T.: 7.744 min
Delta R.T.: 0.003 min
Response: 839603017
Conc: 763.04 ng/ml



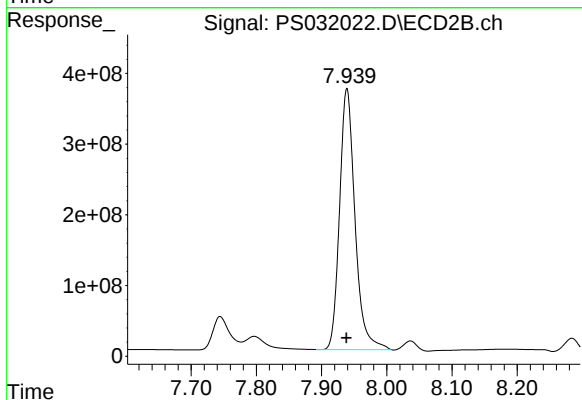
#5 DICAMBA

R.T.: 7.464 min
Delta R.T.: 0.000 min
Response: 14731960078
Conc: 703.45 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

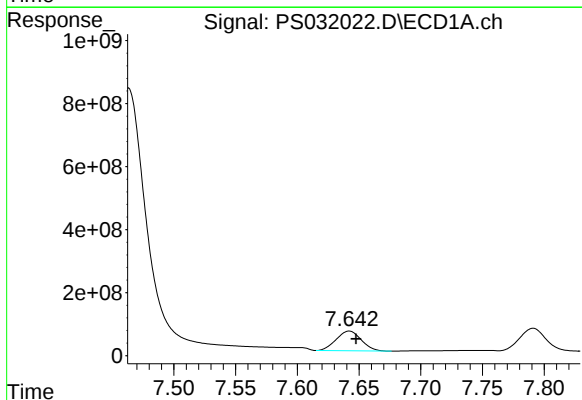
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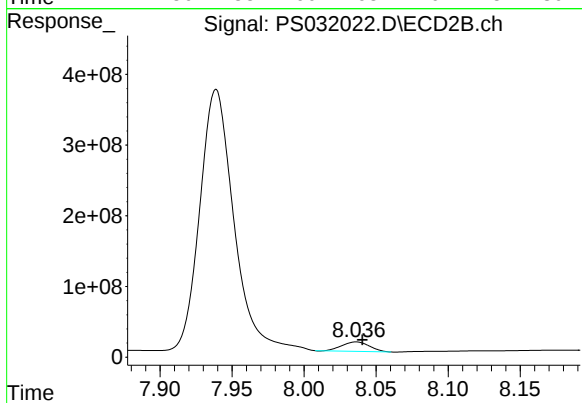
#5 DICAMBA

R.T.: 7.939 min
Delta R.T.: 0.000 min
Response: 6082000742
Conc: 702.24 ng/ml



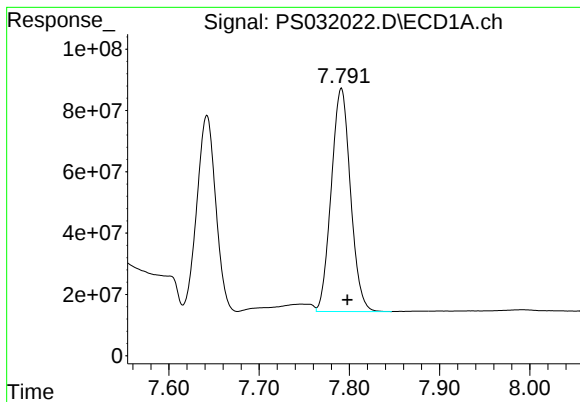
#6 MCP

R.T.: 7.642 min
Delta R.T.: -0.005 min
Response: 887412345
Conc: 72.57 ug/ml



#6 MCP

R.T.: 8.036 min
Delta R.T.: -0.004 min
Response: 178980690
Conc: 72.10 ug/ml



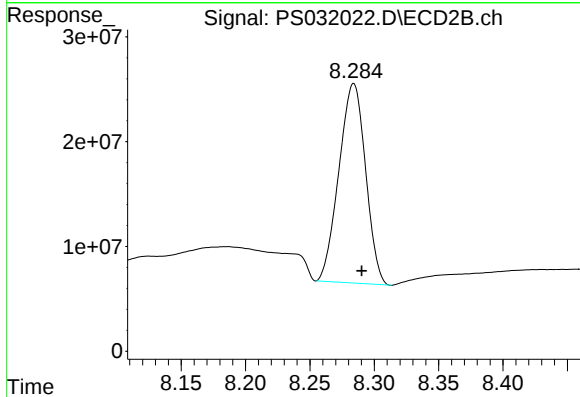
#7 MCPA

R.T.: 7.791 min
Delta R.T.: -0.007 min
Response: 1077968025
Conc: 73.25 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

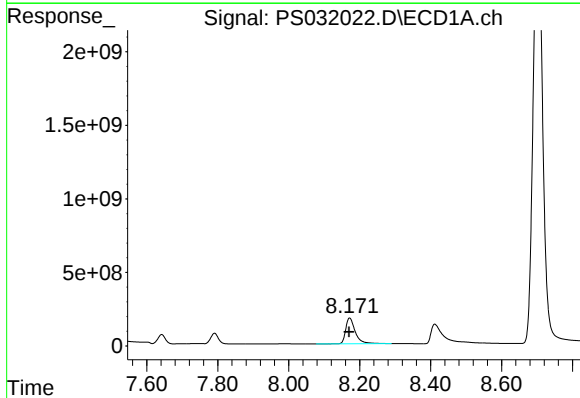
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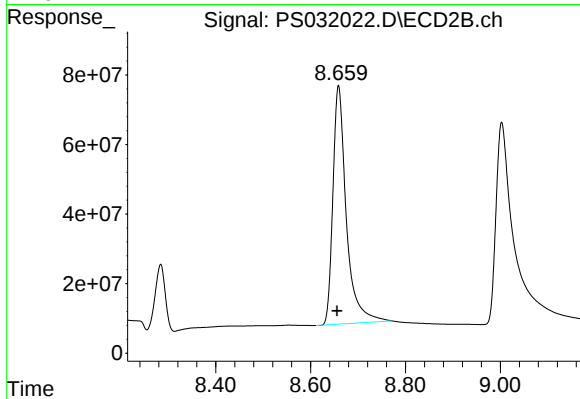
#7 MCPA

R.T.: 8.284 min
Delta R.T.: -0.006 min
Response: 274390983
Conc: 72.74 ug/ml



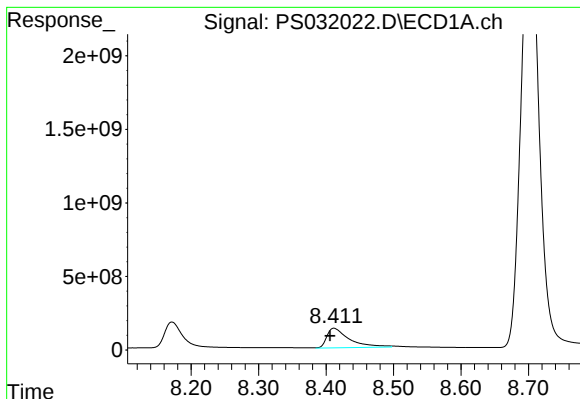
#8 DICHLORPROP

R.T.: 8.172 min
Delta R.T.: 0.000 min
Response: 3258096429
Conc: 685.32 ng/ml



#8 DICHLORPROP

R.T.: 8.659 min
Delta R.T.: 0.003 min
Response: 1347434622
Conc: 688.08 ng/ml



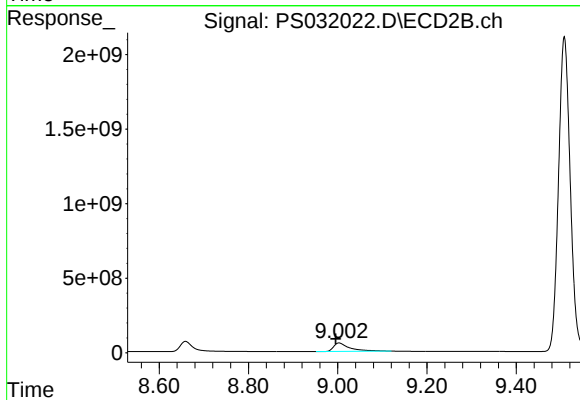
#9 2,4-D

R.T.: 8.411 min
Delta R.T.: 0.005 min
Response: 3061335510
Conc: 630.44 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

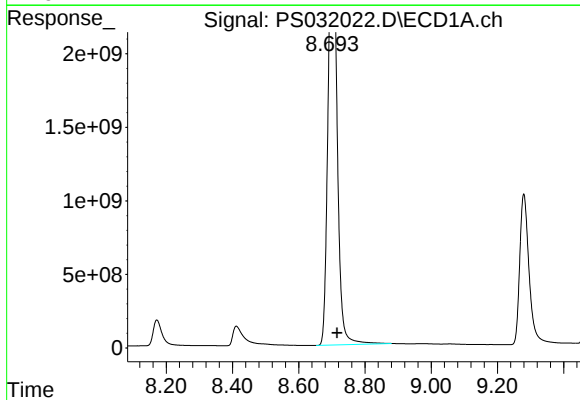
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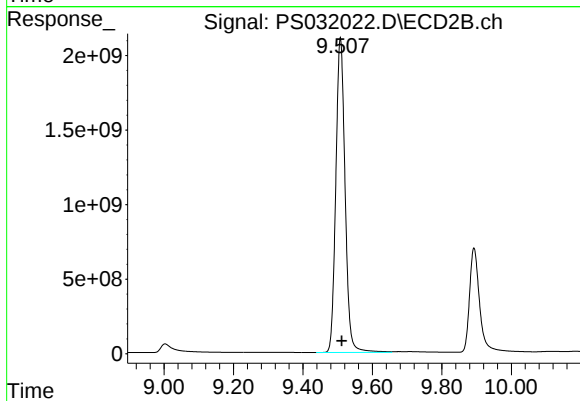
#9 2,4-D

R.T.: 9.003 min
Delta R.T.: 0.007 min
Response: 1423532625
Conc: 684.95 ng/ml



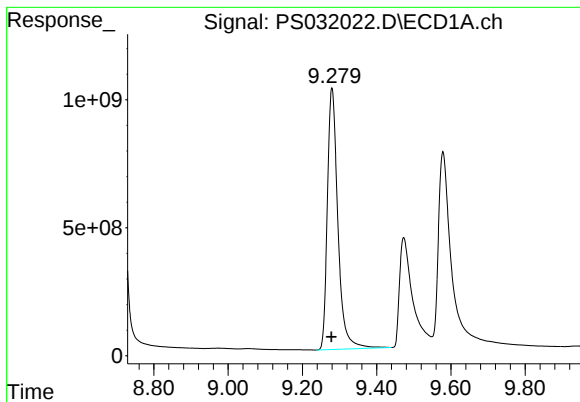
#10 Pentachlorophenol

R.T.: 8.709 min
Delta R.T.: -0.007 min
Response: 48908731600
Conc: 728.68 ng/ml



#10 Pentachlorophenol

R.T.: 9.508 min
Delta R.T.: -0.004 min
Response: 39041812627
Conc: 753.36 ng/ml



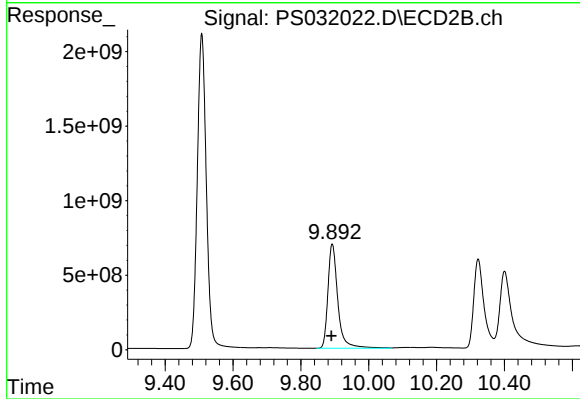
#11 2,4,5-TP (SILVEX)

R.T.: 9.280 min
Delta R.T.: 0.001 min
Response: 20067560162
Conc: 710.56 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

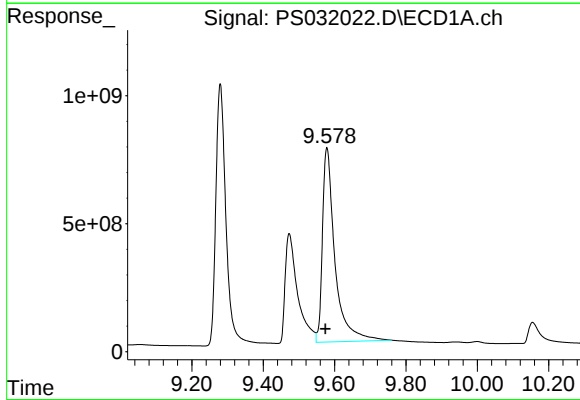
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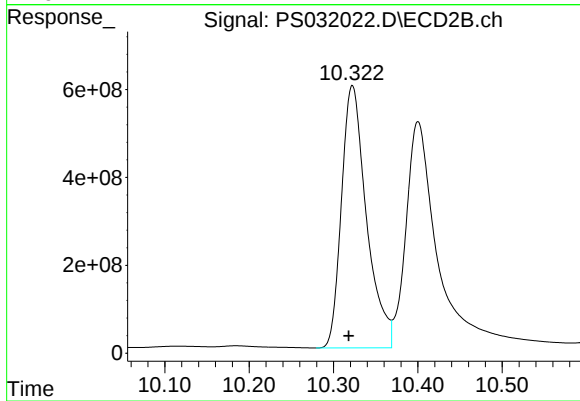
#11 2,4,5-TP (SILVEX)

R.T.: 9.892 min
Delta R.T.: 0.002 min
Response: 14153638278
Conc: 705.04 ng/ml



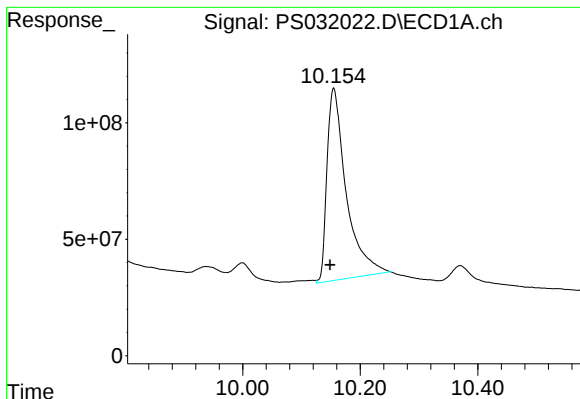
#12 2,4,5-T

R.T.: 9.579 min
Delta R.T.: 0.004 min
Response: 18477365178
Conc: 731.94 ng/ml



#12 2,4,5-T

R.T.: 10.322 min
Delta R.T.: 0.004 min
Response: 12308574438
Conc: 717.92 ng/ml



#13 2,4-DB

R.T.: 10.154 min
Delta R.T.: 0.005 min
Response: 1876427873
Conc: 605.24 ng/ml

Instrument :

ECD_S

ClientSampleId :

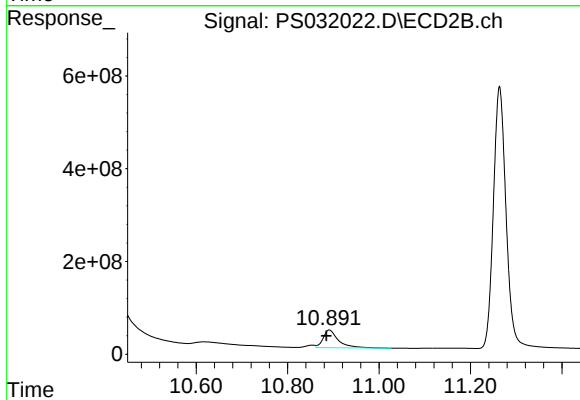
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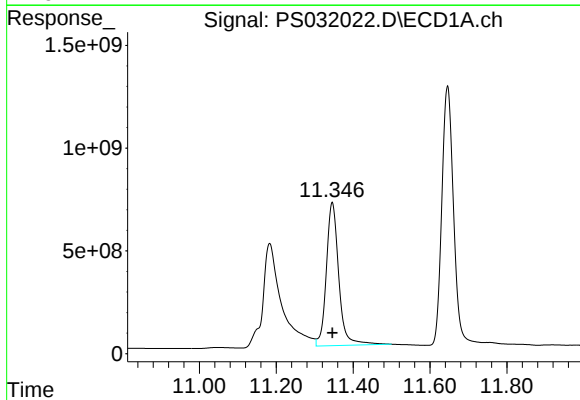
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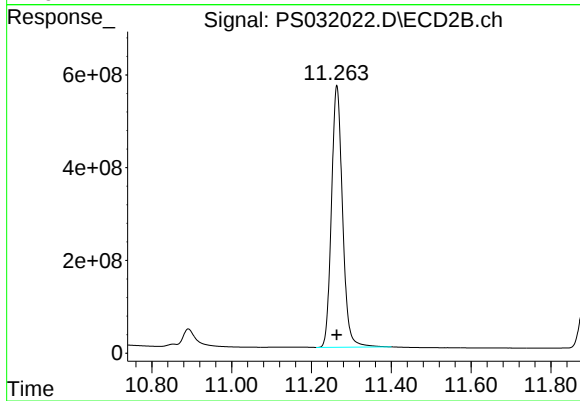
#13 2,4-DB

R.T.: 10.891 min
Delta R.T.: 0.006 min
Response: 881698260
Conc: 682.38 ng/ml



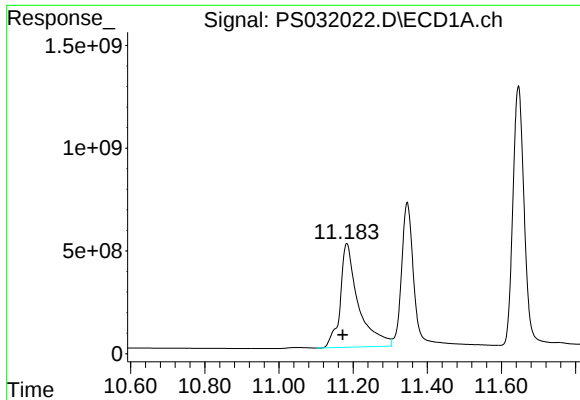
#14 DINOSEB

R.T.: 11.346 min
Delta R.T.: 0.000 min
Response: 15668635679
Conc: 702.60 ng/ml



#14 DINOSEB

R.T.: 11.264 min
Delta R.T.: 0.000 min
Response: 10853804485
Conc: 713.92 ng/ml



#15 Picloram

R.T.: 11.183 min
Delta R.T.: 0.011 min
Response: 17192133793
Conc: 729.16 ng/ml

Instrument :

ECD_S

ClientSampleId :

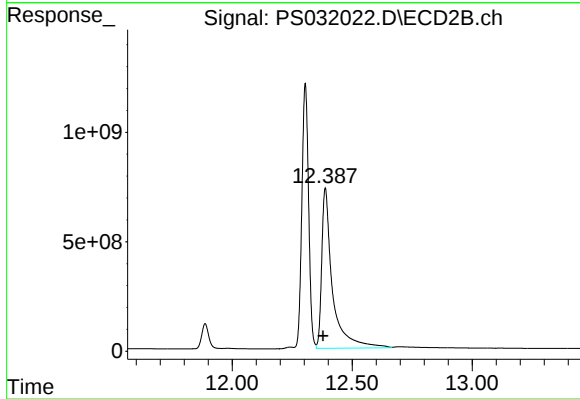
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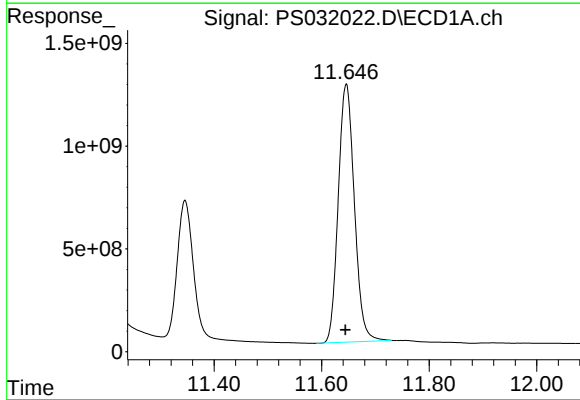
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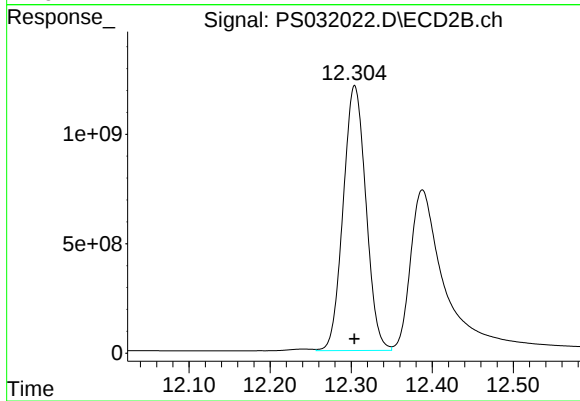
#15 Picloram

R.T.: 12.388 min
Delta R.T.: 0.009 min
Response: 22920105602
Conc: 688.46 ng/ml



#16 DCPA

R.T.: 11.646 min
Delta R.T.: 0.001 min
Response: 26107394459
Conc: 710.59 ng/ml



#16 DCPA

R.T.: 12.304 min
Delta R.T.: 0.000 min
Response: 23592379714
Conc: 710.36 ng/ml