

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS081125\
 Data File : PS031421.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Aug 2025 10:16
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 08/12/2025
 Supervised By :mohammad ahmed 08/13/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 11 11:07:10 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS080725.M
 Quant Title : 8080.M
 QLast Update : Fri Aug 08 03:17:54 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	7.292	7.743	2272.7E6	558.1E6	716.043	660.170
Target Compounds							
1) T	Dalapon	2.675	2.693	3272.6E6	1571.5E6	623.480	590.573
2) T	3,5-DICHL...	6.458	6.694	3139.9E6	817.0E6	665.472	604.297
3) T	4-Nitroph...	7.094	7.285	765.4E6	798.5E6	741.888m	635.306m
5) T	DICAMBA	7.479	7.942	9396.3E6	3564.3E6	672.779	627.223
6) T	MCPD	7.658	8.040	558.7E6	108.9E6	69.448	61.606
7) T	MCPA	7.807	8.288	671.9E6	159.5E6	67.449	56.855
8) T	DICHLORPROP	8.187	8.661	2117.3E6	826.5E6	667.414	619.116
9) T	2,4-D	8.420	9.000	2348.6E6	847.6E6	816.372	593.841 #
10) T	Pentachlo...	8.720	9.514	34677.3E6	22723.9E6	722.256	652.452
11) T	2,4,5-TP ...	9.297	9.898	12753.4E6	8356.0E6	711.537	637.080
12) T	2,4,5-T	9.592	10.326	11138.9E6	7566.6E6	760.269	639.087
13) T	2,4-DB	10.167	10.894	1516.2E6	591.7E6	788.994	613.248
14) T	DINOSEB	11.371	11.273	9059.6E6	6014.8E6	714.566	636.018
15) T	Picloram	11.193	12.390	10312.2E6	11386.9E6	789.955	649.574
16) T	DCPA	11.670	12.315	16455.1E6	12895.4E6	722.371	654.575

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS081125\
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Acq On : 11 Aug 2025 10:16
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

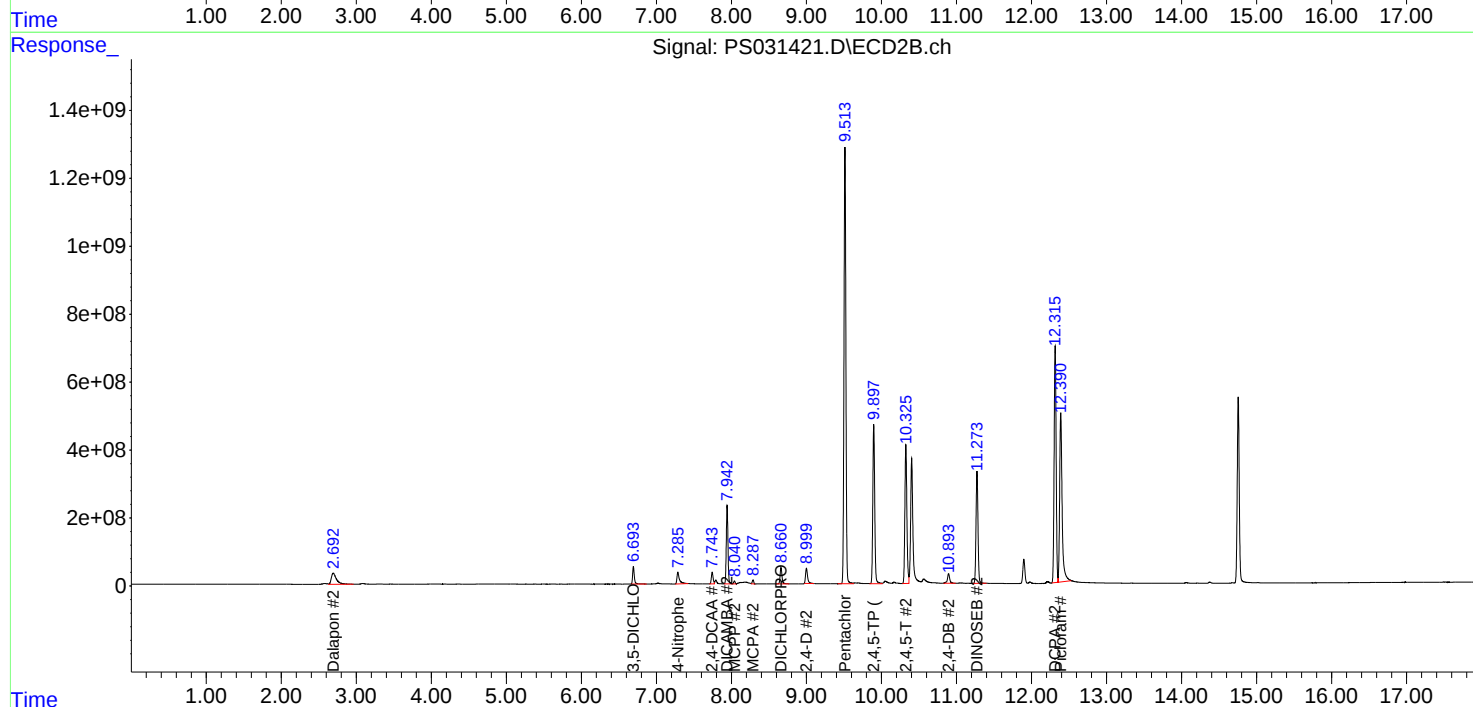
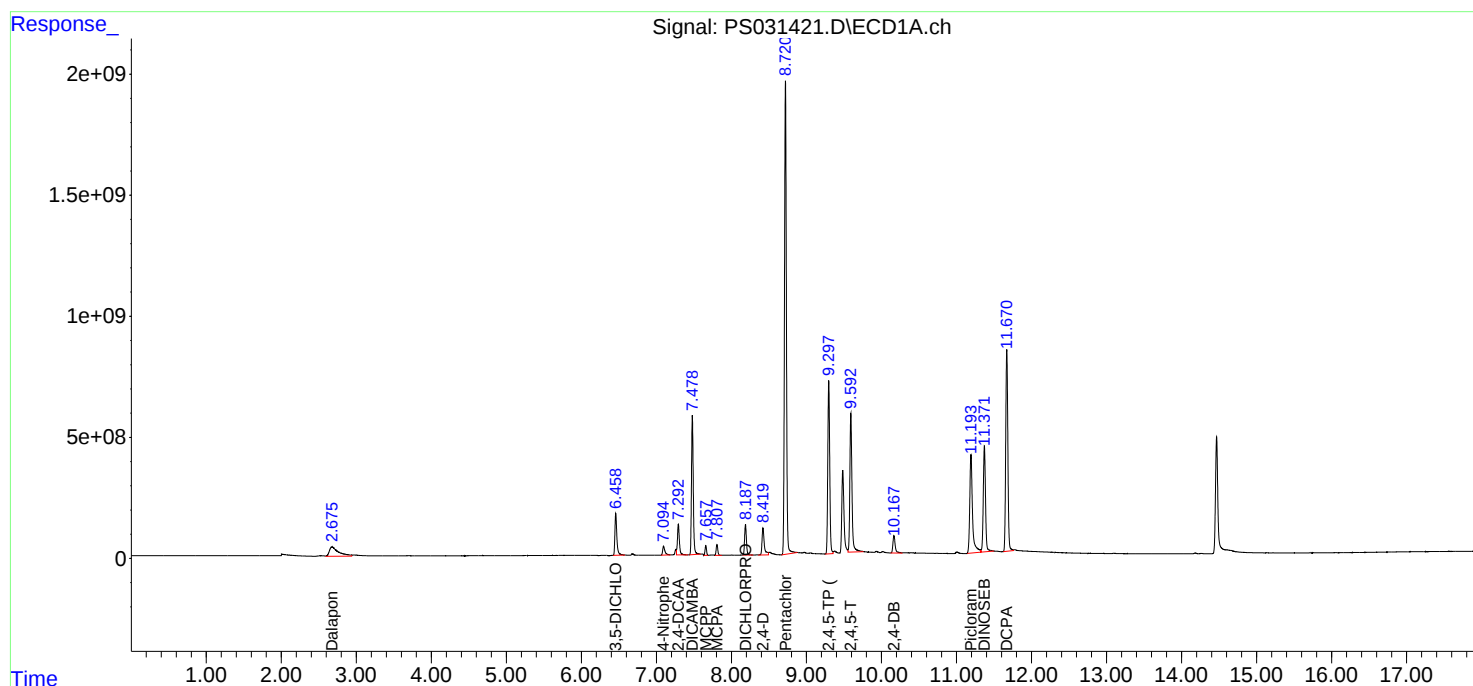
Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

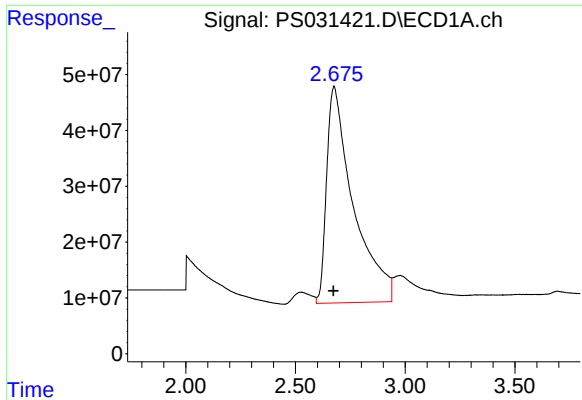
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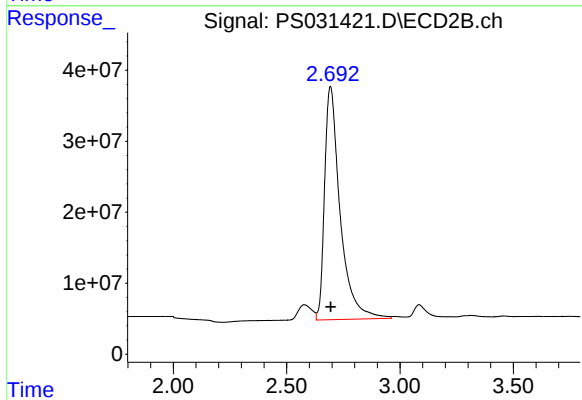
#1 Dalapon

R.T.: 2.675 min
Delta R.T.: 0.001 min
Response: 3272605369
Conc: 623.48 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

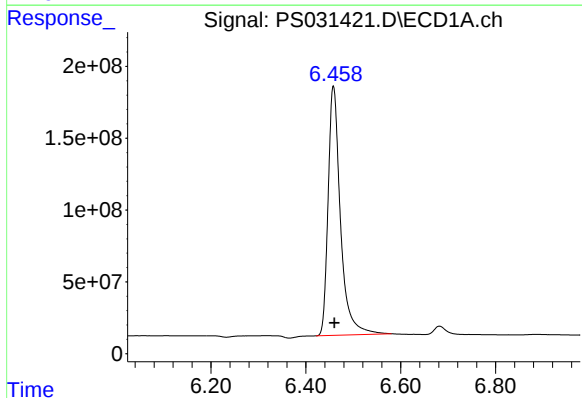
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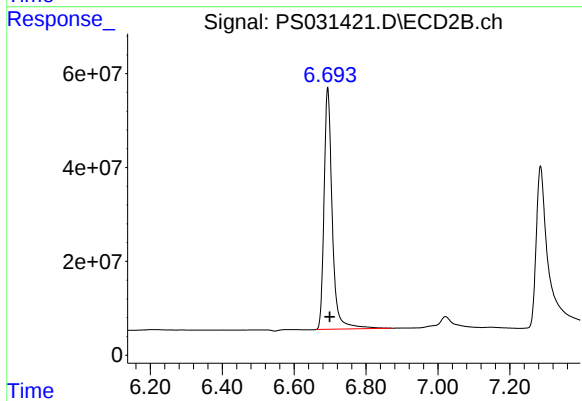
#1 Dalapon

R.T.: 2.693 min
Delta R.T.: -0.002 min
Response: 1571522067
Conc: 590.57 ng/ml



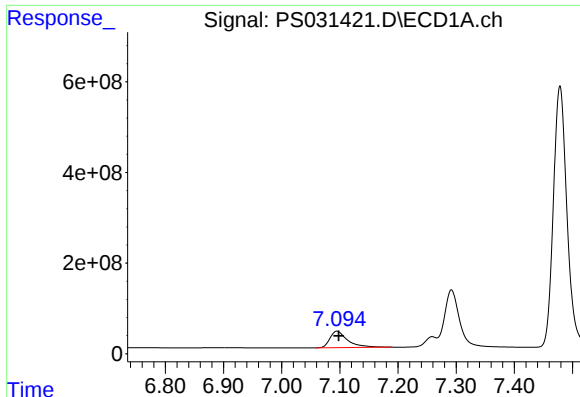
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.458 min
Delta R.T.: -0.002 min
Response: 3139904478
Conc: 665.47 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.694 min
Delta R.T.: -0.005 min
Response: 816966468
Conc: 604.30 ng/ml



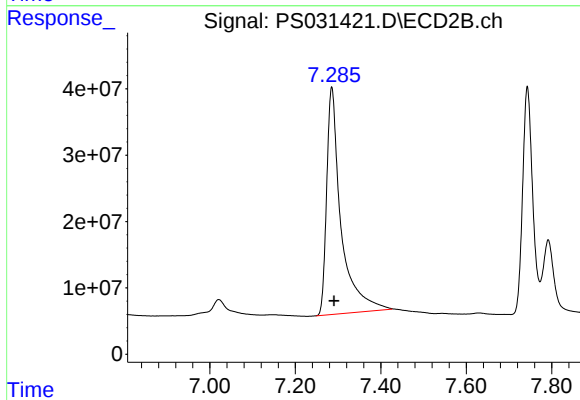
#3 4-Nitrophenol

R.T.: 7.094 min
Delta R.T.: -0.004 min
Response: 765390720
Conc: 741.89 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

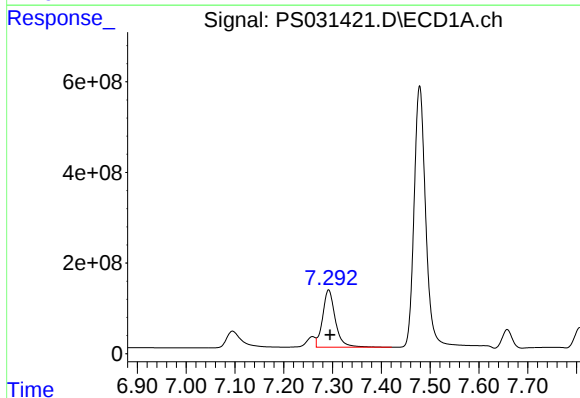
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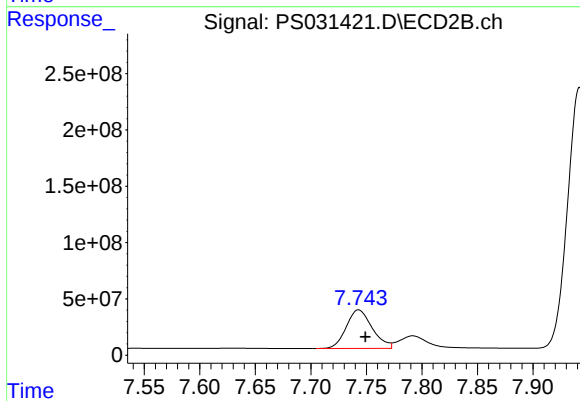
#3 4-Nitrophenol

R.T.: 7.285 min
Delta R.T.: -0.006 min
Response: 798509424
Conc: 635.31 ng/ml m



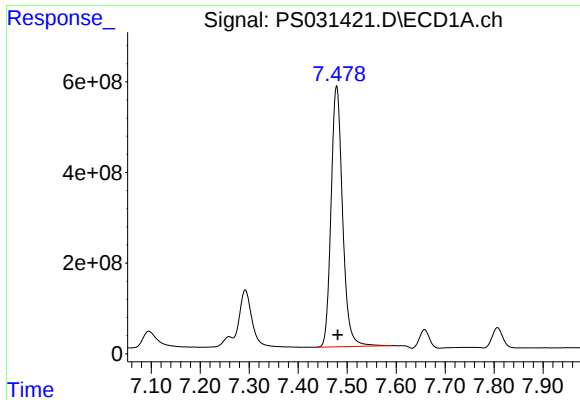
#4 2,4-DCAA

R.T.: 7.292 min
Delta R.T.: -0.003 min
Response: 2272711152
Conc: 716.04 ng/ml



#4 2,4-DCAA

R.T.: 7.743 min
Delta R.T.: -0.006 min
Response: 558068066
Conc: 660.17 ng/ml



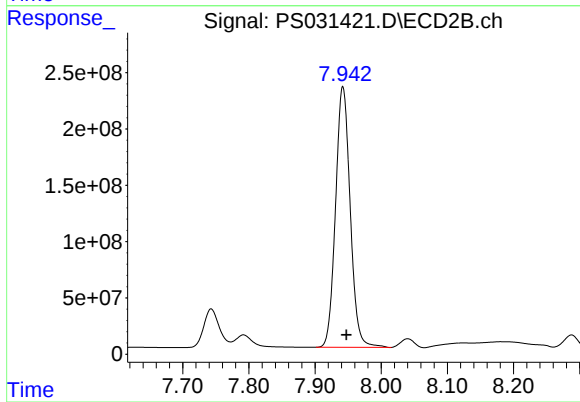
#5 DICAMBA

R.T.: 7.479 min
Delta R.T.: -0.002 min
Response: 9396346783
Conc: 672.78 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

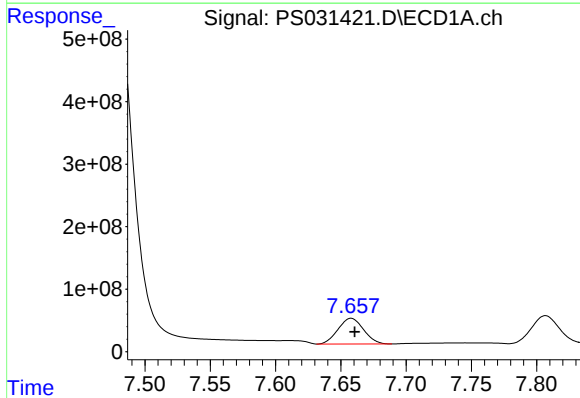
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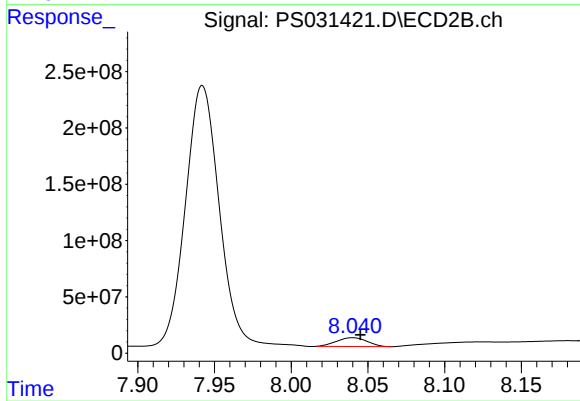
#5 DICAMBA

R.T.: 7.942 min
Delta R.T.: -0.005 min
Response: 3564314395
Conc: 627.22 ng/ml



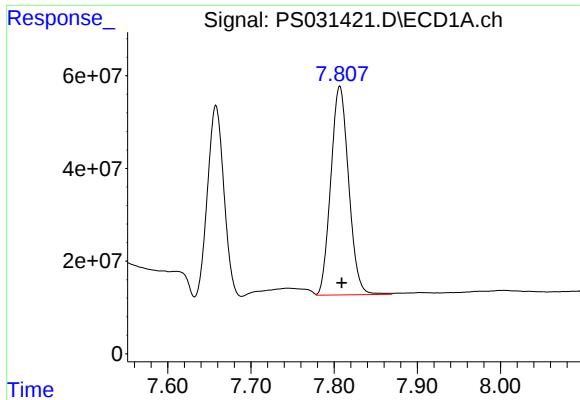
#6 MCP

R.T.: 7.658 min
Delta R.T.: -0.003 min
Response: 558697053
Conc: 69.45 ug/ml



#6 MCP

R.T.: 8.040 min
Delta R.T.: -0.005 min
Response: 108909978
Conc: 61.61 ug/ml



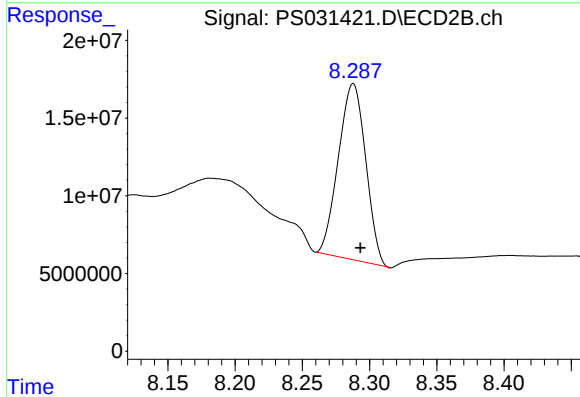
#7 MCPA

R.T.: 7.807 min
Delta R.T.: -0.002 min
Response: 671877016
Conc: 67.45 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

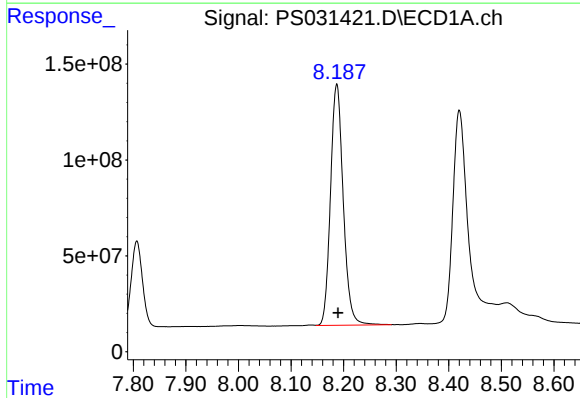
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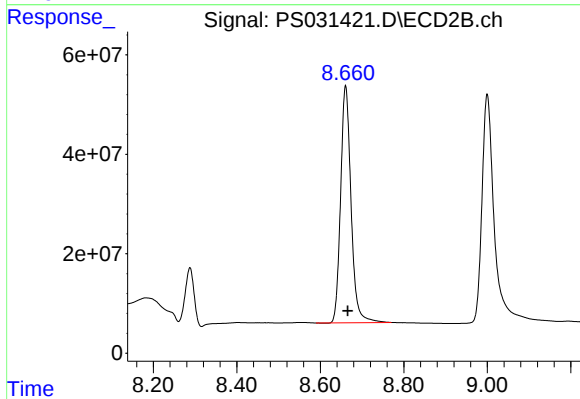
#7 MCPA

R.T.: 8.288 min
Delta R.T.: -0.006 min
Response: 159508314
Conc: 56.86 ug/ml



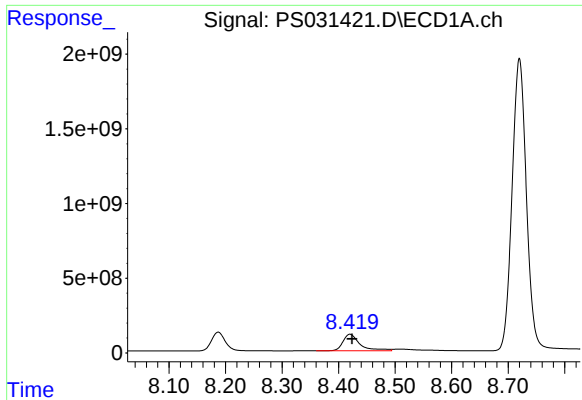
#8 DICHLORPROP

R.T.: 8.187 min
Delta R.T.: -0.002 min
Response: 2117324595
Conc: 667.41 ng/ml



#8 DICHLORPROP

R.T.: 8.661 min
Delta R.T.: -0.005 min
Response: 826540894
Conc: 619.12 ng/ml



#9 2,4-D

R.T.: 8.420 min
Delta R.T.: -0.004 min
Response: 2348552838
Conc: 816.37 ng/ml

Instrument :

ECD_S

ClientSampleId :

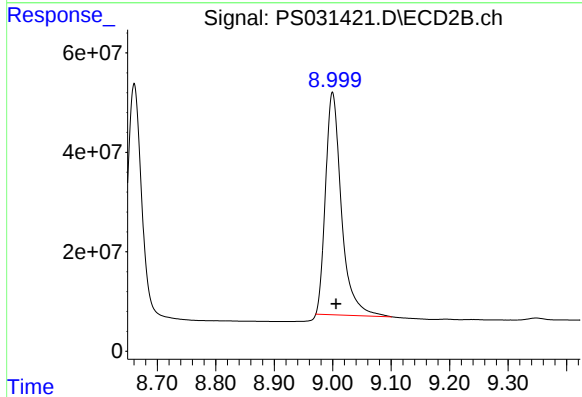
HSTDCCC750

Manual Integrations

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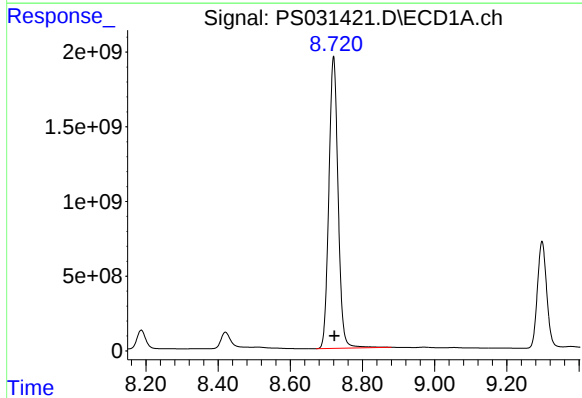
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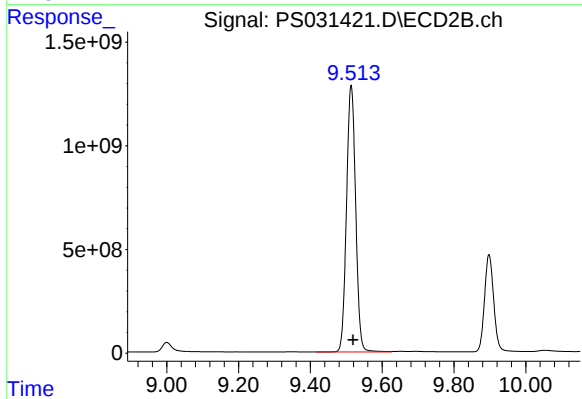
#9 2,4-D

R.T.: 9.000 min
Delta R.T.: -0.006 min
Response: 847581281
Conc: 593.84 ng/ml



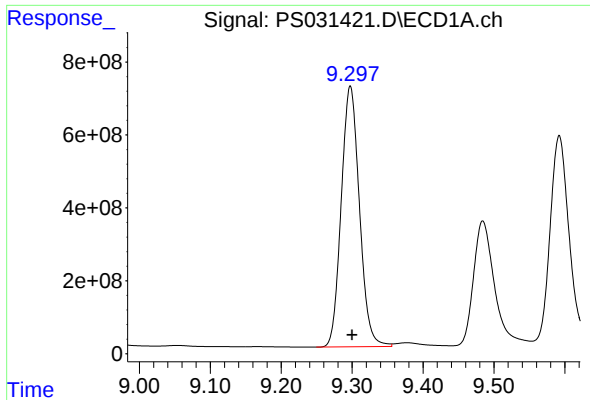
#10 Pentachlorophenol

R.T.: 8.720 min
Delta R.T.: -0.002 min
Response: 34677263460
Conc: 722.26 ng/ml



#10 Pentachlorophenol

R.T.: 9.514 min
Delta R.T.: -0.005 min
Response: 22723860675
Conc: 652.45 ng/ml



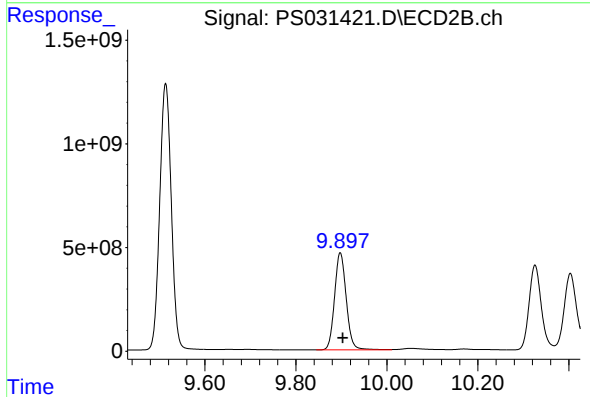
#11 2,4,5-TP (SILVEX)

R.T.: 9.297 min
Delta R.T.: -0.003 min
Response: 12753388922
Conc: 711.54 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

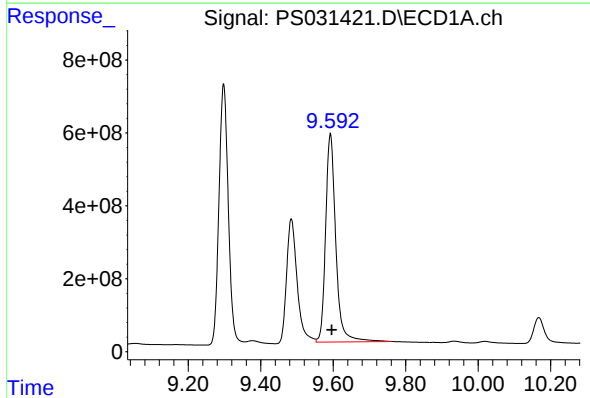
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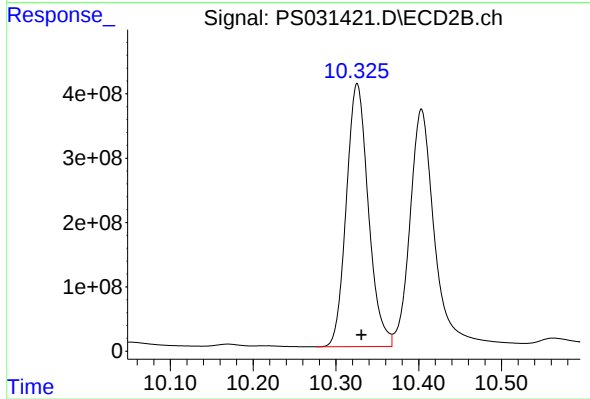
#11 2,4,5-TP (SILVEX)

R.T.: 9.898 min
Delta R.T.: -0.005 min
Response: 8355960711
Conc: 637.08 ng/ml



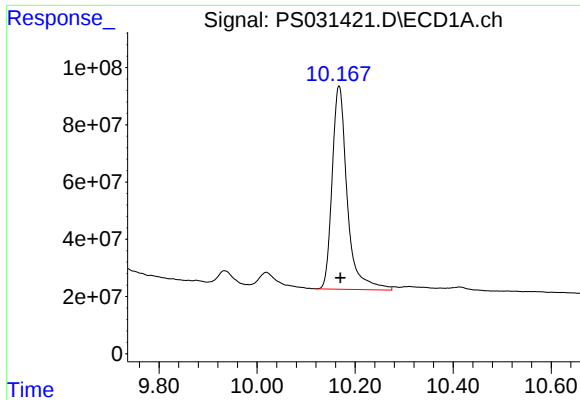
#12 2,4,5-T

R.T.: 9.592 min
Delta R.T.: -0.003 min
Response: 11138871699
Conc: 760.27 ng/ml



#12 2,4,5-T

R.T.: 10.326 min
Delta R.T.: -0.005 min
Response: 7566641447
Conc: 639.09 ng/ml



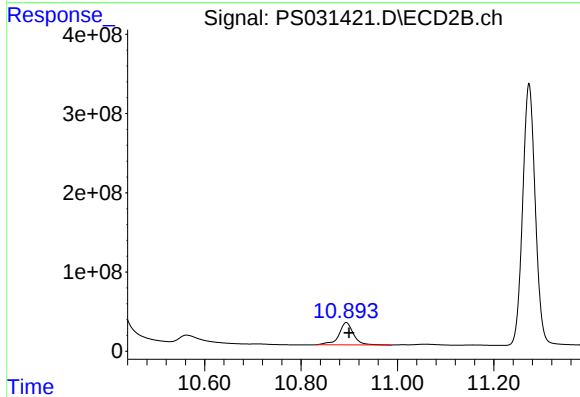
#13 2,4-DB

R.T.: 10.167 min
Delta R.T.: -0.003 min
Response: 1516226379
Conc: 788.99 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

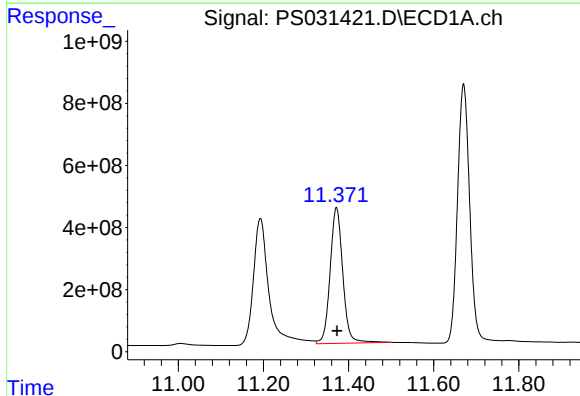
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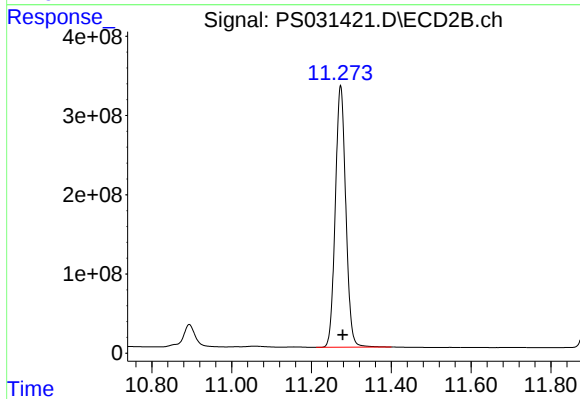
#13 2,4-DB

R.T.: 10.894 min
Delta R.T.: -0.006 min
Response: 591689714
Conc: 613.25 ng/ml



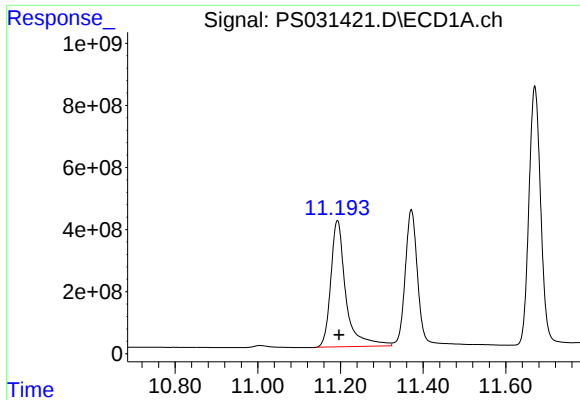
#14 DINOSEB

R.T.: 11.371 min
Delta R.T.: -0.002 min
Response: 9059606354
Conc: 714.57 ng/ml



#14 DINOSEB

R.T.: 11.273 min
Delta R.T.: -0.005 min
Response: 6014788644
Conc: 636.02 ng/ml



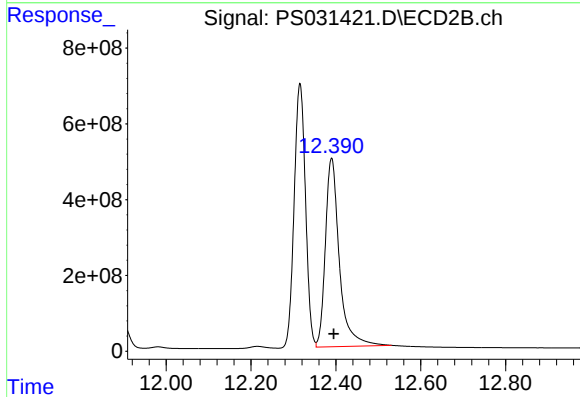
#15 Picloram

R.T.: 11.193 min
Delta R.T.: -0.004 min
Response: 10312194023
Conc: 789.96 ng/ml

Instrument :
ECD_S
ClientSampleId :
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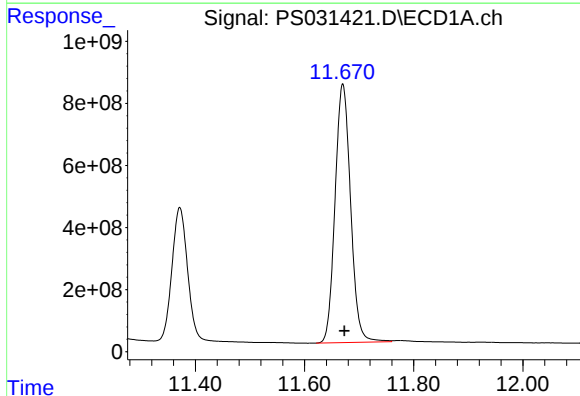
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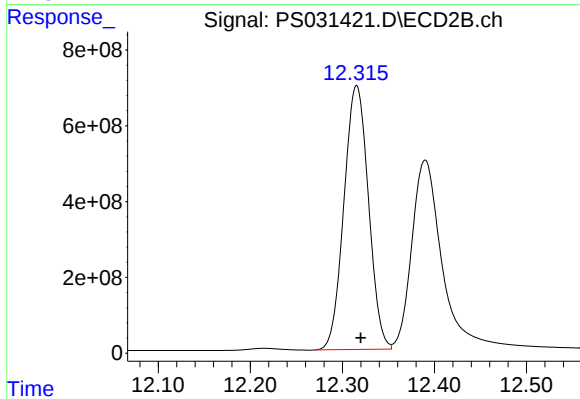
#15 Picloram

R.T.: 12.390 min
Delta R.T.: -0.006 min
Response: 11386861362
Conc: 649.57 ng/ml



#16 DCPA

R.T.: 11.670 min
Delta R.T.: -0.003 min
Response: 16455124291
Conc: 722.37 ng/ml



#16 DCPA

R.T.: 12.315 min
Delta R.T.: -0.004 min
Response: 12895392194
Conc: 654.58 ng/ml