

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS021424\
 Data File : PS025959.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Feb 2024 23:20
 Operator : AR\AJ
 Sample : P1311-07MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 TP-4MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/15/2024
 Supervised By :mohammad ahmed 02/15/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 15 03:37:34 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS021424.M
 Quant Title : 8080.M
 QLast Update : Wed Feb 14 15:17:36 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : Rtx-CLPesticides Signal #2 Phase: Rtx-CLPesticides2
 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	7.277	7.807	747.6E6	202.7E6	282.470	232.245
Target Compounds							
1) T	Dalapon	2.675	2.721	395.2E6	328.1E6	88.332m	201.194m#
2) T	3,5-DICHL...	6.443	6.754	711.0E6	227.6E6	183.157	170.300
3) T	4-Nitroph...	7.077	7.334	347.1E6	101.2E6	218.945	209.936
5) T	DICAMBA	7.466	8.009	1808.7E6	606.2E6	164.154	156.889
6) T	MCPD	7.646	8.106	115.3E6	41630530	14.593	15.434
7) T	MCPA	7.797	8.351	183.3E6	77020529	16.115	19.993
8) T	DICHLORPROP	8.181	8.726	528.2E6	173.1E6	187.222	179.679
9) T	2,4-D	8.413	9.058	624.1E6	194.1E6	211.075	204.836
10) T	Pentachlo...	8.713	9.588	6998.3E6	2338.6E6	176.594	162.717
11) T	2,4,5-TP ...	9.300	9.963	2807.3E6	963.3E6	180.109	177.050m
12) T	2,4,5-T	9.594	10.385	2590.3E6	830.6E6	170.325	166.366
13) T	2,4-DB	10.175	10.952	130.5E6	44768823	66.617	80.899
14) T	DINOSEB	11.393	11.332	622.0E6	225.2E6	56.111	62.748
15) T	Picloram	11.196	12.433	1938.0E6	511.4E6	108.313	95.513
16) T	DCPA	11.684	12.377	1874.5E6	628.4E6	95.339	97.571

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

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Acq On : 14 Feb 2024 23:20
Operator : AR\AJ
Sample : P1311-07MSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

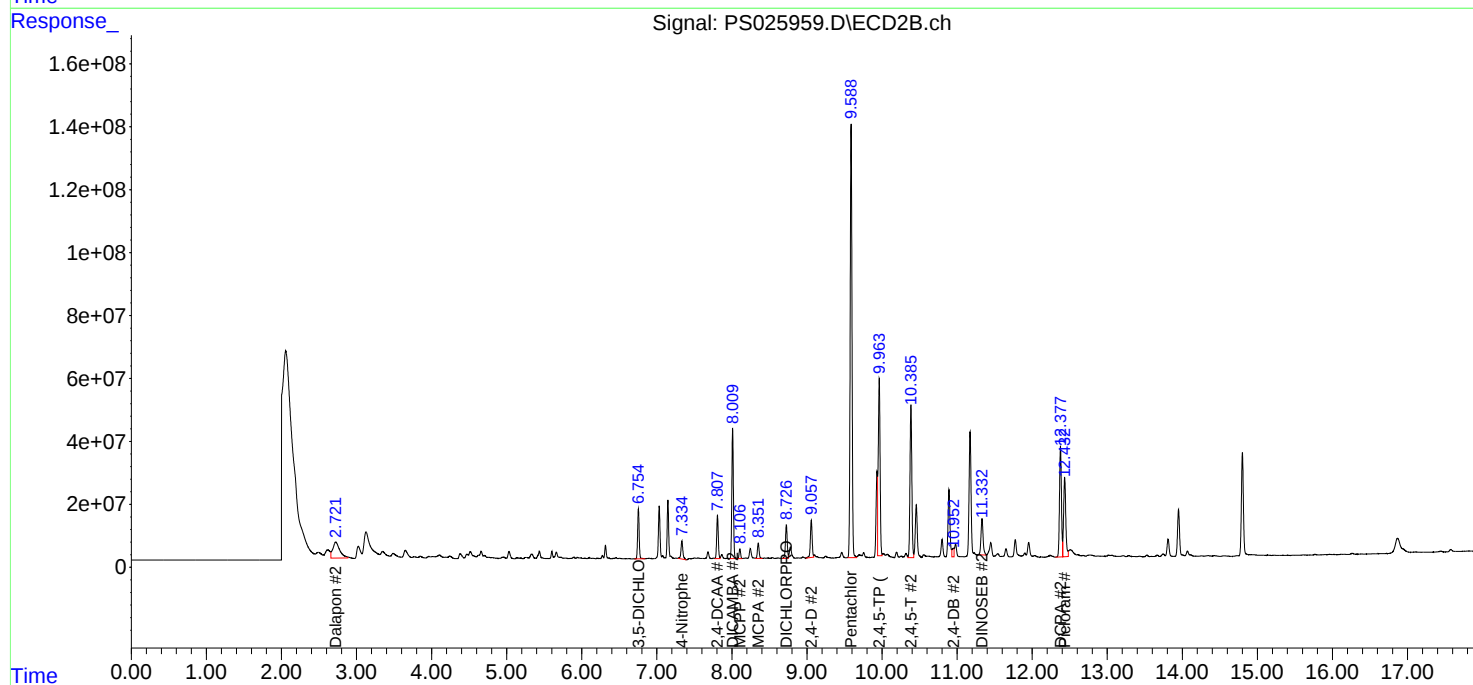
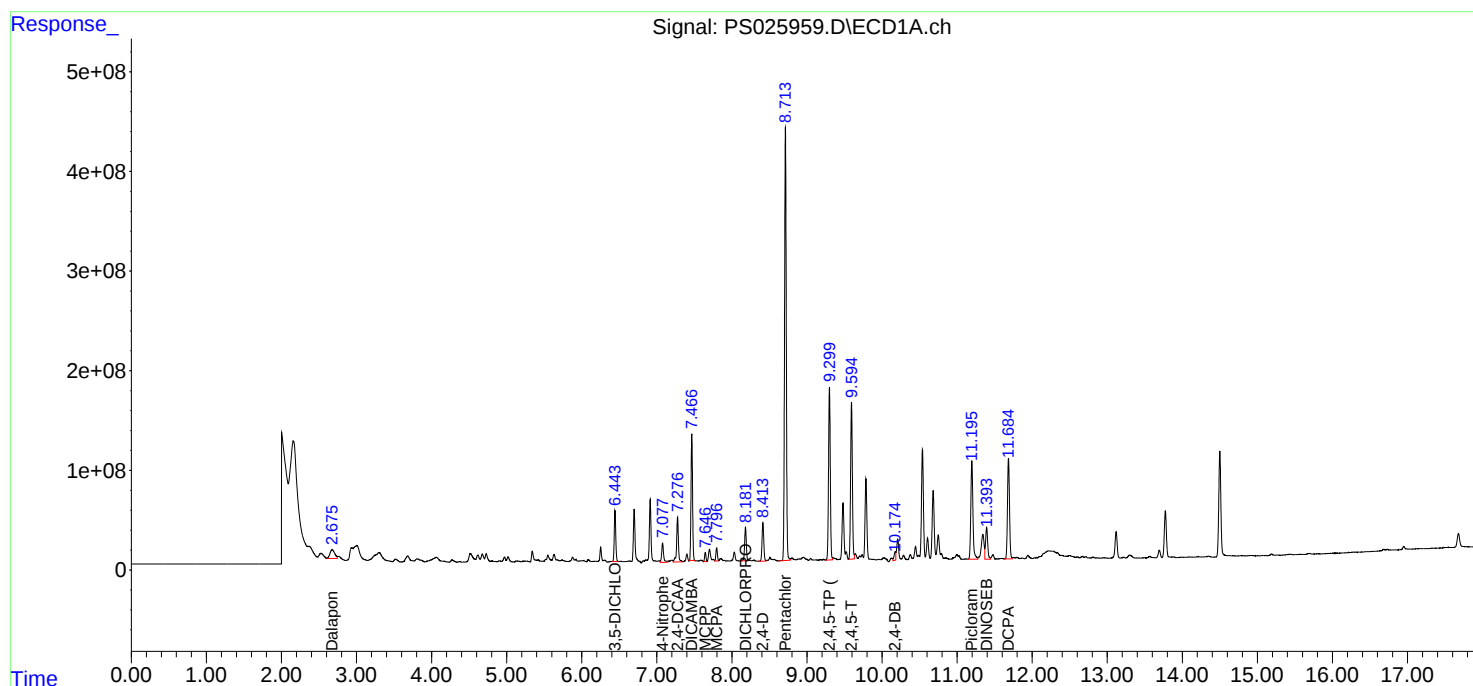
Instrument :
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ClientSampleId :
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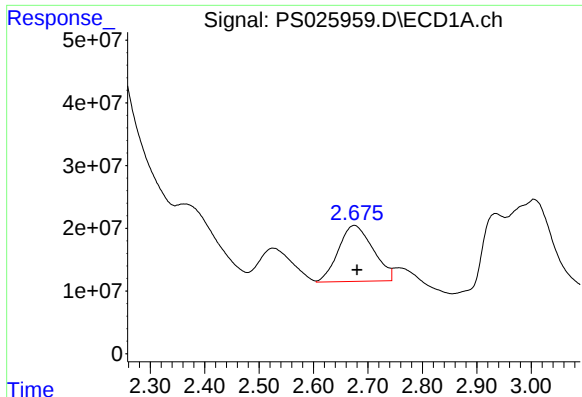
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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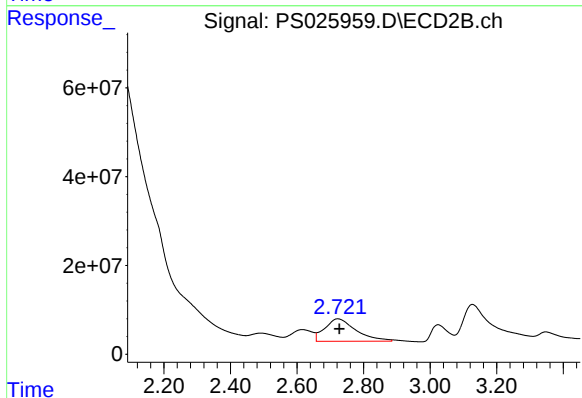
#1 Dalapon

R.T.: 2.675 min
Delta R.T.: -0.005 min
Response: 395153532
Conc: 88.33 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-4MSD

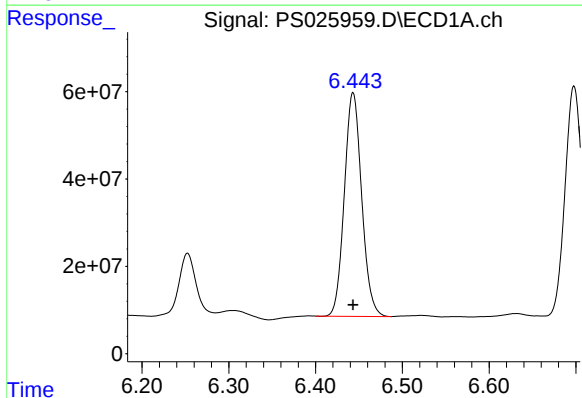
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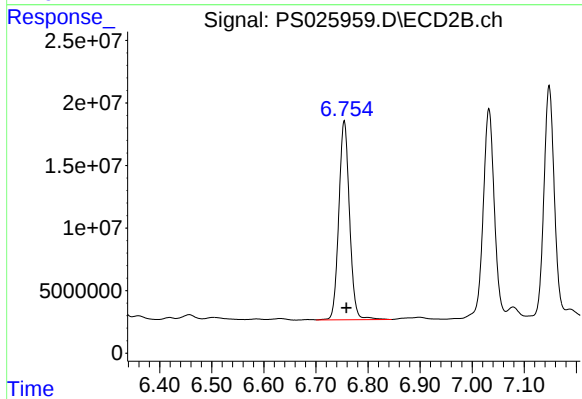
#1 Dalapon

R.T.: 2.721 min
Delta R.T.: -0.006 min
Response: 328069172
Conc: 201.19 ng/ml m



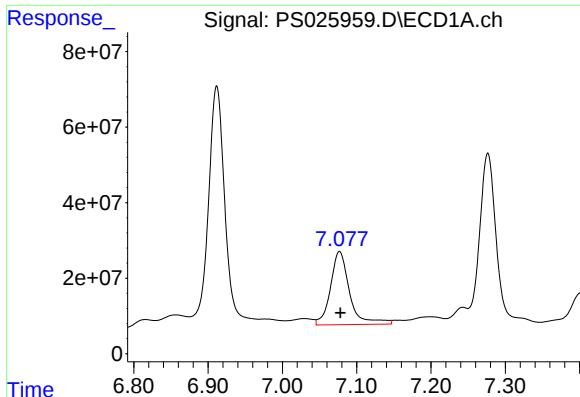
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.443 min
Delta R.T.: 0.000 min
Response: 711047283
Conc: 183.16 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.754 min
Delta R.T.: -0.004 min
Response: 227623604
Conc: 170.30 ng/ml



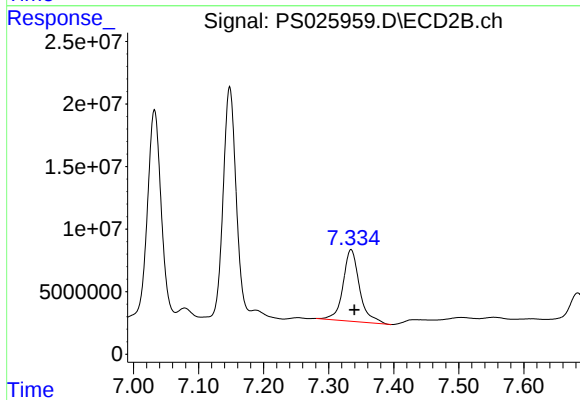
#3 4-Nitrophenol

R.T.: 7.077 min
Delta R.T.: -0.001 min
Response: 347139679
Conc: 218.94 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-4MSD

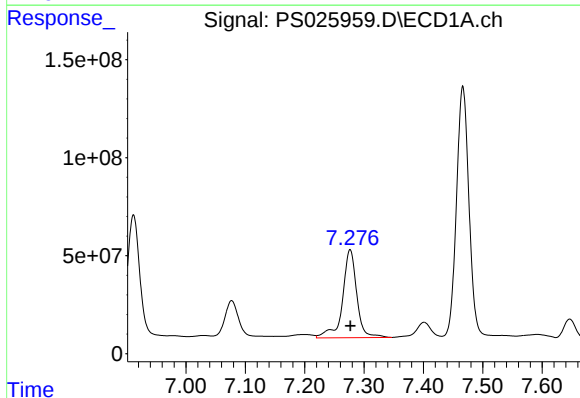
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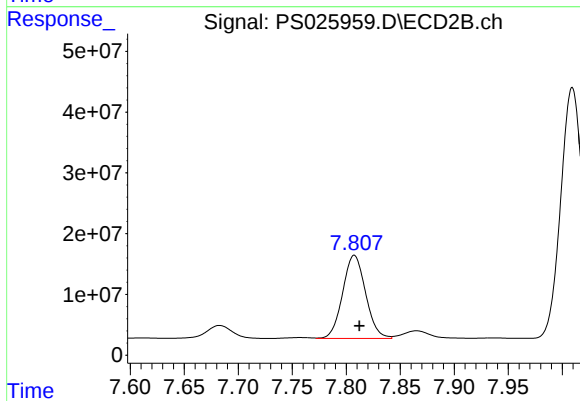
#3 4-Nitrophenol

R.T.: 7.334 min
Delta R.T.: -0.005 min
Response: 101220110
Conc: 209.94 ng/ml



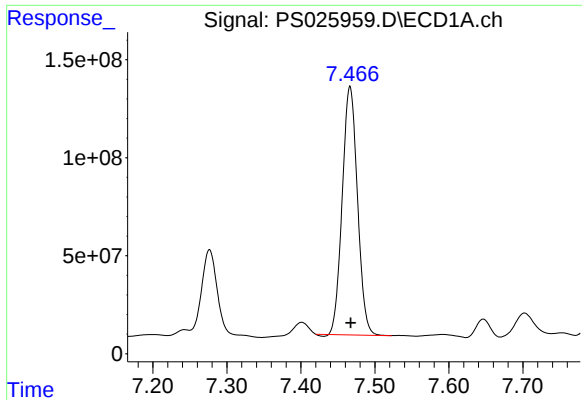
#4 2,4-DCAA

R.T.: 7.277 min
Delta R.T.: 0.000 min
Response: 747578404
Conc: 282.47 ng/ml



#4 2,4-DCAA

R.T.: 7.807 min
Delta R.T.: -0.005 min
Response: 202715518
Conc: 232.25 ng/ml



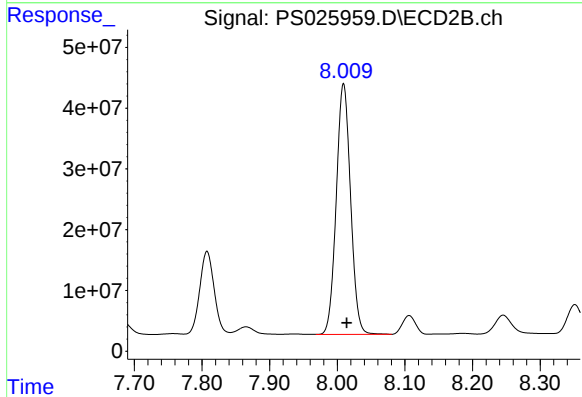
#5 DICAMBA

R.T.: 7.466 min
Delta R.T.: 0.000 min
Response: 1808717907
Conc: 164.15 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-4MSD

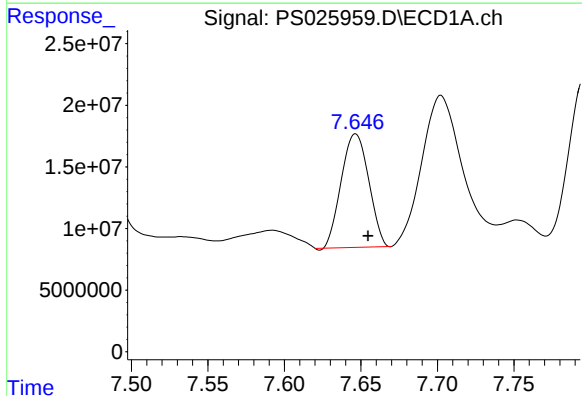
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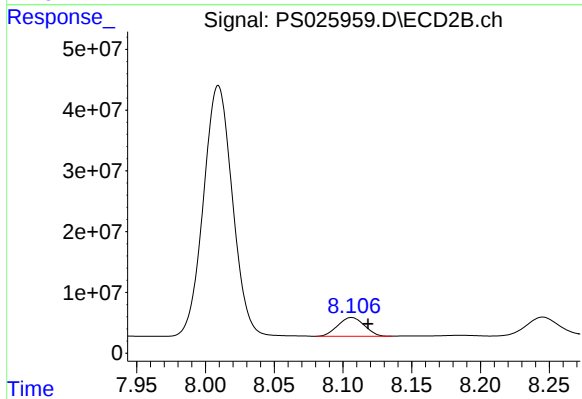
#5 DICAMBA

R.T.: 8.009 min
Delta R.T.: -0.005 min
Response: 606207466
Conc: 156.89 ng/ml



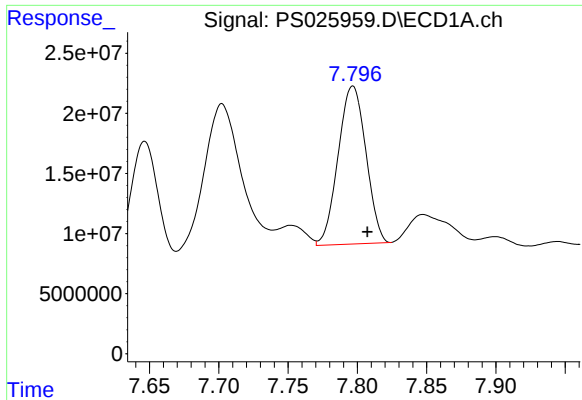
#6 MCP

R.T.: 7.646 min
Delta R.T.: -0.008 min
Response: 115322522
Conc: 14.59 ug/ml



#6 MCP

R.T.: 8.106 min
Delta R.T.: -0.012 min
Response: 41630530
Conc: 15.43 ug/ml



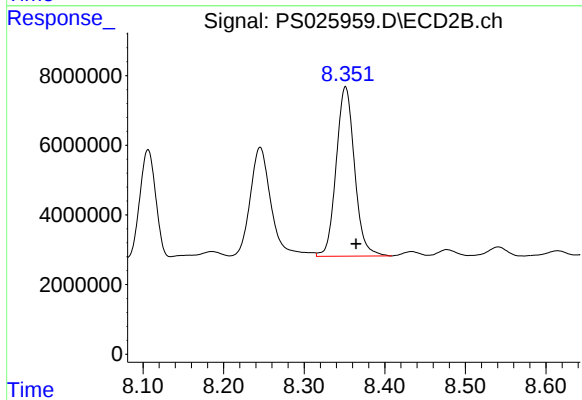
#7 MCPA

R.T.: 7.797 min
Delta R.T.: -0.011 min
Response: 183296170
Conc: 16.12 ug/ml

Instrument :
ECD_S
ClientSampleId :
TP-4MSD

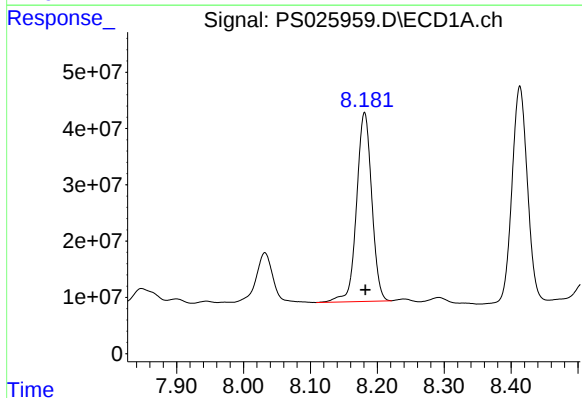
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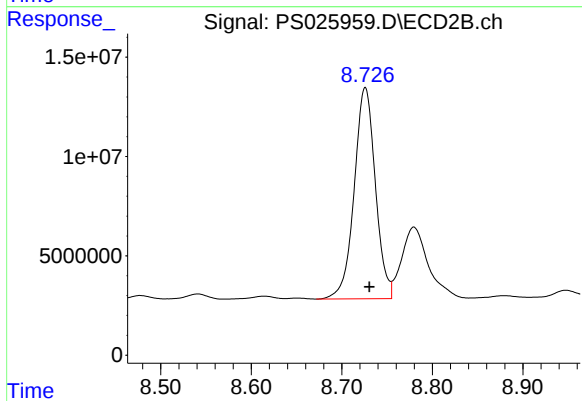
#7 MCPA

R.T.: 8.351 min
Delta R.T.: -0.013 min
Response: 77020529
Conc: 19.99 ug/ml



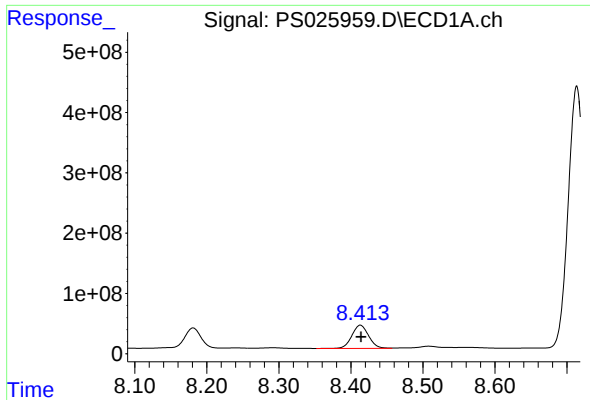
#8 DICHLORPROP

R.T.: 8.181 min
Delta R.T.: 0.000 min
Response: 528185092
Conc: 187.22 ng/ml



#8 DICHLORPROP

R.T.: 8.726 min
Delta R.T.: -0.004 min
Response: 173079368
Conc: 179.68 ng/ml



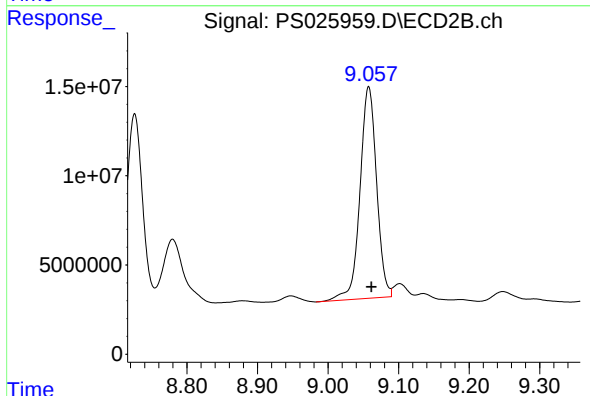
#9 2,4-D

R.T.: 8.413 min
Delta R.T.: -0.001 min
Response: 624101316
Conc: 211.08 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-4MSD

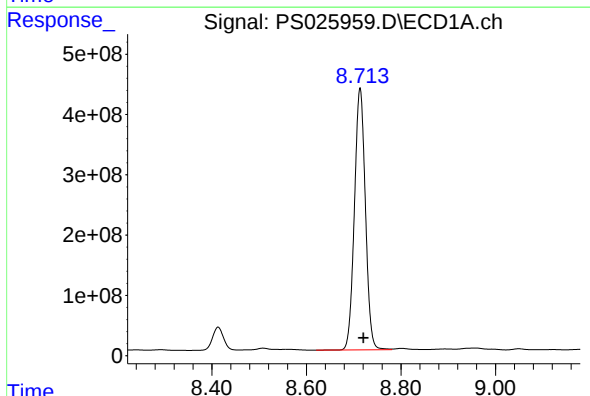
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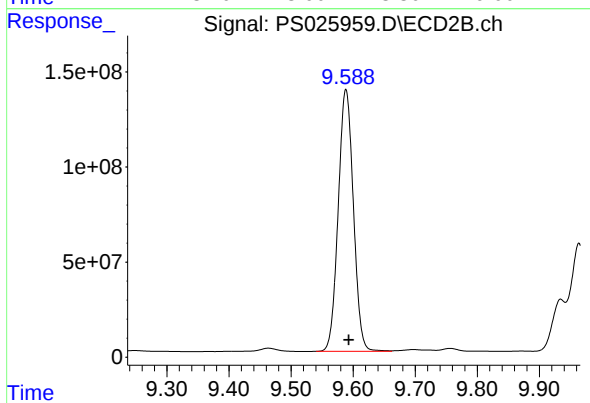
#9 2,4-D

R.T.: 9.058 min
Delta R.T.: -0.004 min
Response: 194144341
Conc: 204.84 ng/ml



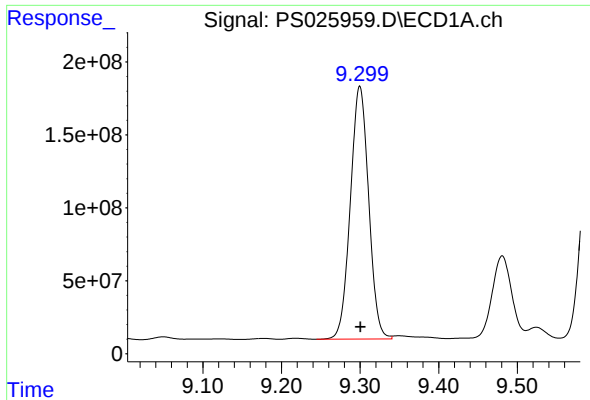
#10 Pentachlorophenol

R.T.: 8.713 min
Delta R.T.: -0.007 min
Response: 6998299709
Conc: 176.59 ng/ml



#10 Pentachlorophenol

R.T.: 9.588 min
Delta R.T.: -0.004 min
Response: 2338631506
Conc: 162.72 ng/ml



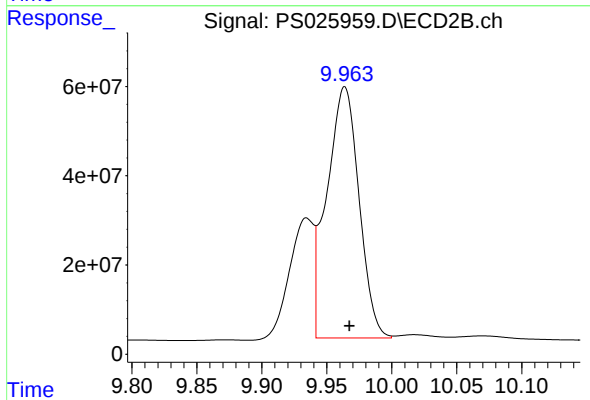
#11 2,4,5-TP (SILVEX)

R.T.: 9.300 min
Delta R.T.: 0.000 min
Response: 2807313271
Conc: 180.11 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-4MSD

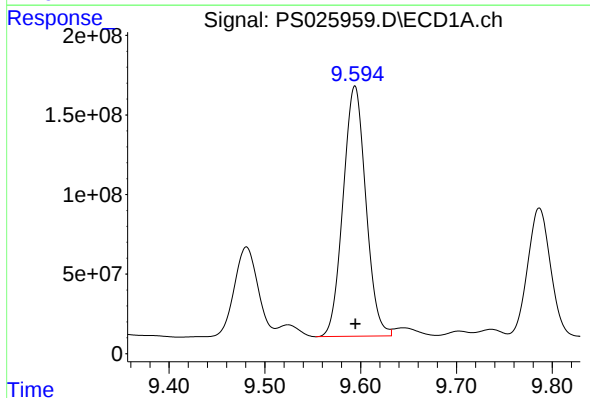
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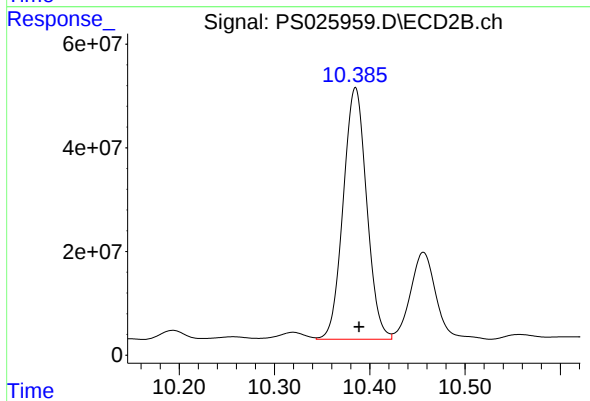
#11 2,4,5-TP (SILVEX)

R.T.: 9.963 min
Delta R.T.: -0.004 min
Response: 963346443
Conc: 177.05 ng/ml m



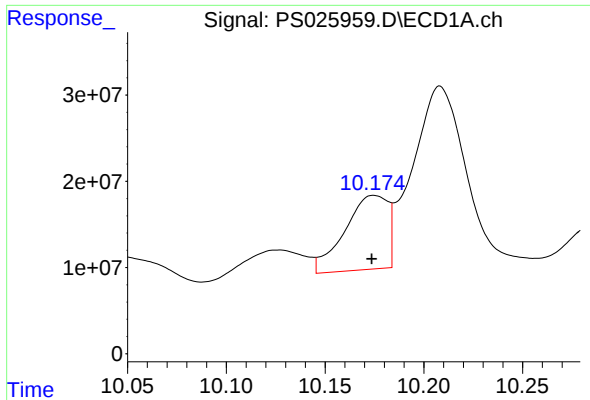
#12 2,4,5-T

R.T.: 9.594 min
Delta R.T.: 0.000 min
Response: 2590323835
Conc: 170.33 ng/ml



#12 2,4,5-T

R.T.: 10.385 min
Delta R.T.: -0.004 min
Response: 830646553
Conc: 166.37 ng/ml



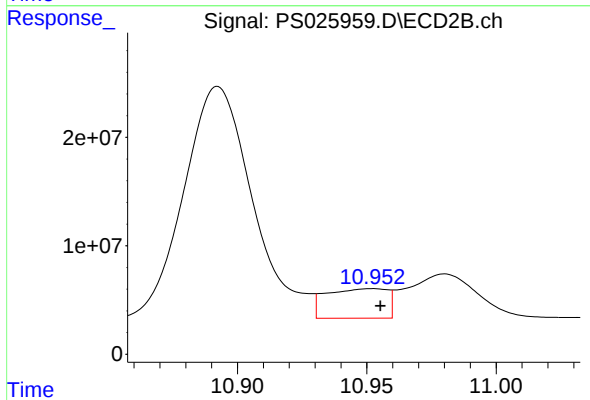
#13 2,4-DB

R.T.: 10.175 min
Delta R.T.: 0.001 min
Response: 130546441
Conc: 66.62 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-4MSD

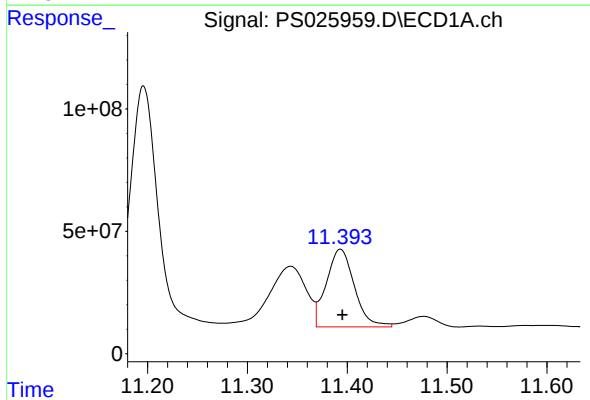
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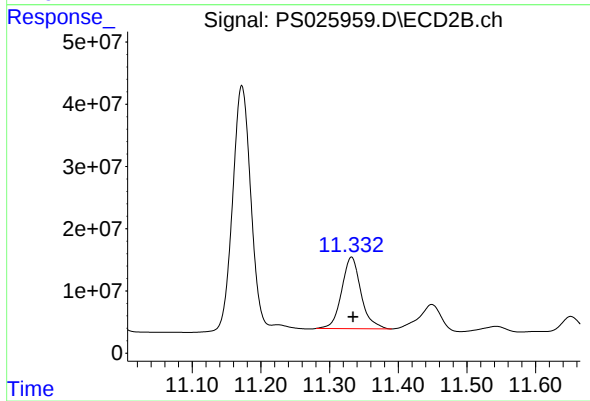
#13 2,4-DB

R.T.: 10.952 min
Delta R.T.: -0.003 min
Response: 44768823
Conc: 80.90 ng/ml



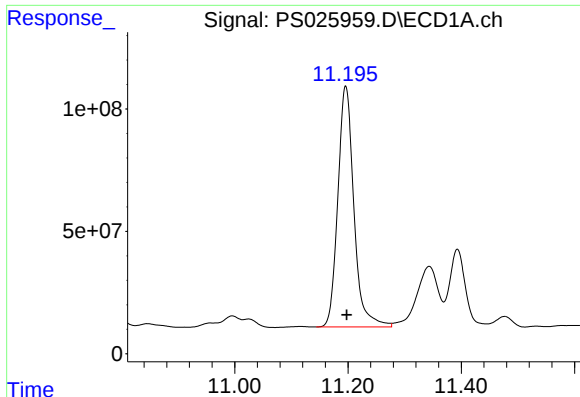
#14 DINOSEB

R.T.: 11.393 min
Delta R.T.: -0.002 min
Response: 621950171
Conc: 56.11 ng/ml



#14 DINOSEB

R.T.: 11.332 min
Delta R.T.: -0.003 min
Response: 225157592
Conc: 62.75 ng/ml



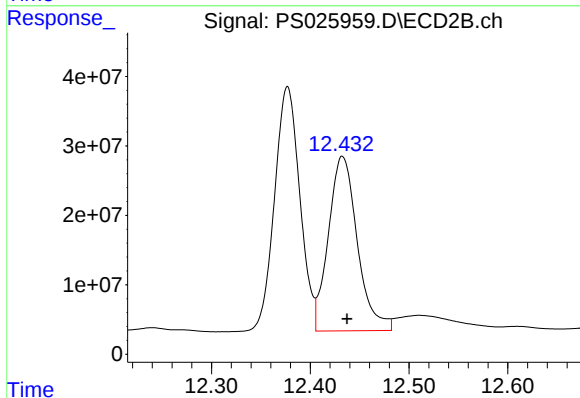
#15 Picloram

R.T.: 11.196 min
Delta R.T.: -0.002 min
Response: 1938035512
Conc: 108.31 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-4MSD

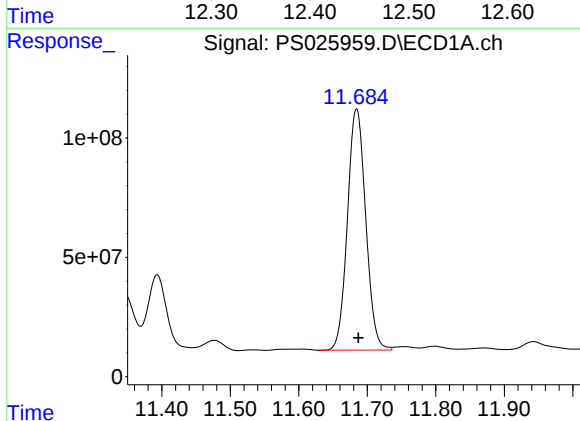
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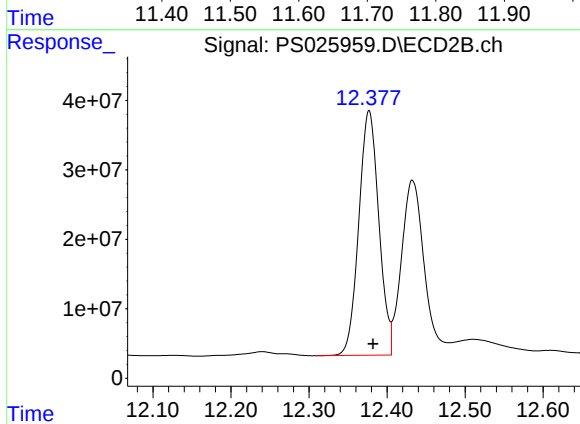
#15 Picloram

R.T.: 12.433 min
Delta R.T.: -0.005 min
Response: 511440934
Conc: 95.51 ng/ml



#16 DCPA

R.T.: 11.684 min
Delta R.T.: -0.003 min
Response: 1874457478
Conc: 95.34 ng/ml



#16 DCPA

R.T.: 12.377 min
Delta R.T.: -0.005 min
Response: 628354764
Conc: 97.57 ng/ml