

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS061925\
 Data File : PS030757.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Jun 2025 11:06
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 06/20/2025
 Supervised By :mohammad ahmed 06/20/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 19 23:04:47 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS061825.M
 Quant Title : 8080.M
 QLast Update : Thu Jun 19 05:11:26 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	7.348	7.771	2826.9E6	803.7E6	769.348m	749.747
Target Compounds							
1) T	Dalapon	2.713	2.713	4148.7E6	1852.4E6	695.430	675.645
2) T	3,5-DICHL...	6.507	6.716	3815.5E6	1127.6E6	709.515	699.028
3) T	4-Nitroph...	7.148	7.302	1094.8E6	1180.8E6	694.301	681.131
5) T	DICAMBA	7.539	7.973	11195.5E6	4720.4E6	735.818	720.321
6) T	MCPD	7.720	8.072	699.5E6	161.8E6	74.504	77.164
7) T	MCPA	7.871	8.322	860.6E6	232.5E6	73.361	73.896
8) T	DICHLORPROP	8.252	8.692	2546.5E6	1070.7E6	679.828	680.891
9) T	2,4-D	8.485	9.027	2400.5E6	1208.9E6	696.918	711.343m
10) T	Pentachlo...	8.793	9.553	39394.6E6	28169.7E6	744.341	738.935
11) T	2,4,5-TP ...	9.373	9.934	14659.4E6	10449.6E6	731.859	724.226
12) T	2,4,5-T	9.667	10.360	12301.7E6	9980.4E6	747.681	730.383
13) T	2,4-DB	10.245	10.927	1786.1E6	851.0E6	778.786	719.406
14) T	DINOSEB	11.465	11.313	9855.8E6	7584.5E6	710.419	703.490
15) T	Picloram	11.274	12.422	11528.6E6	16752.0E6	717.125	720.783
16) T	DCPA	11.761	12.357	19342.2E6	16171.1E6	755.075	733.625

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

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Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

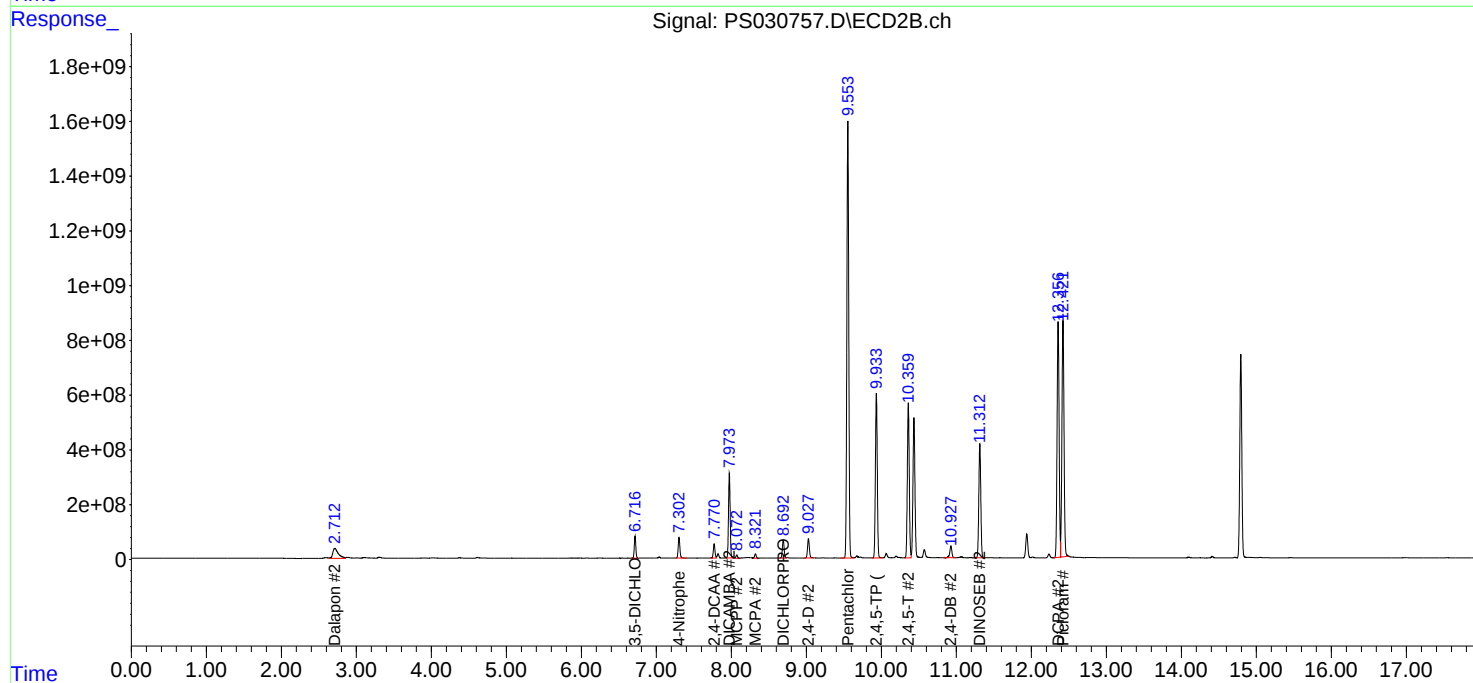
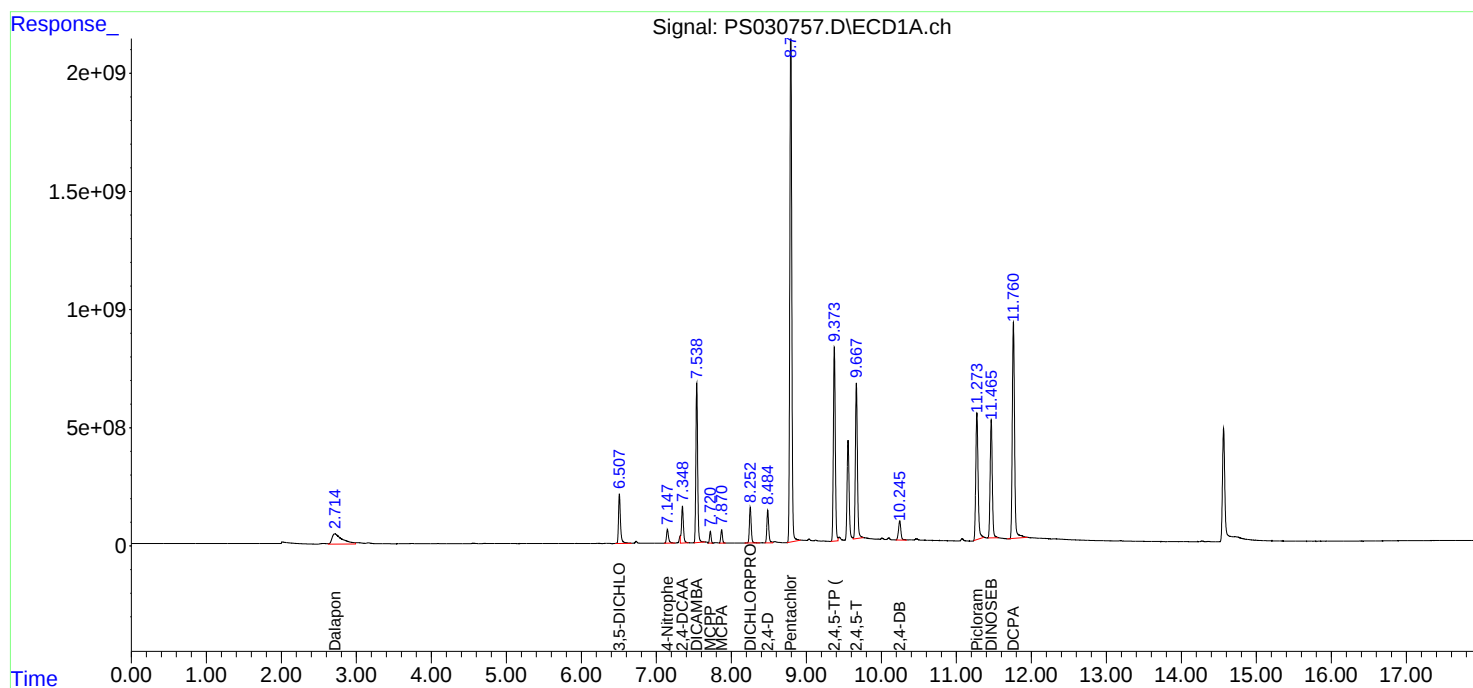
Instrument :
ECD_S
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HSTDCCC750

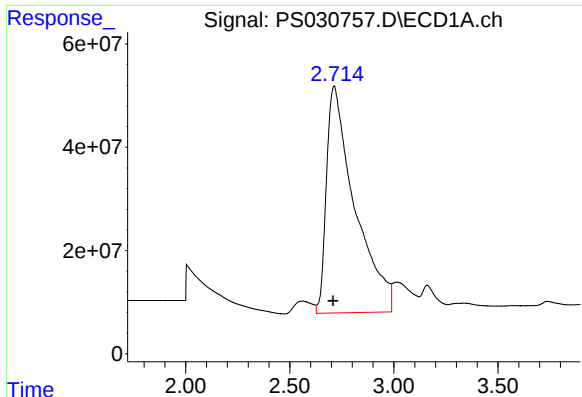
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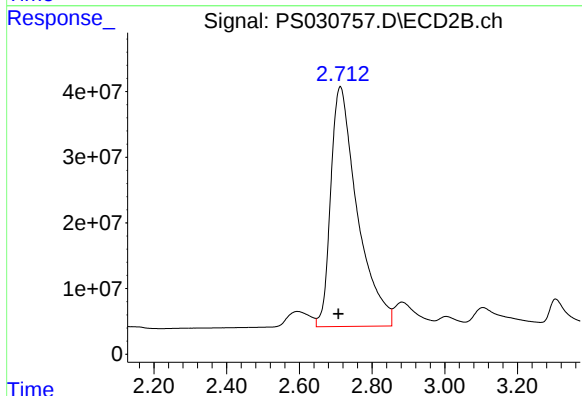
#1 Dalapon

R.T.: 2.713 min
Delta R.T.: 0.005 min
Response: 4148678048
Conc: 695.43 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

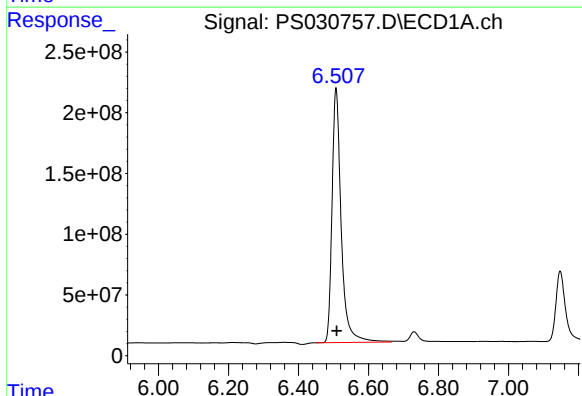
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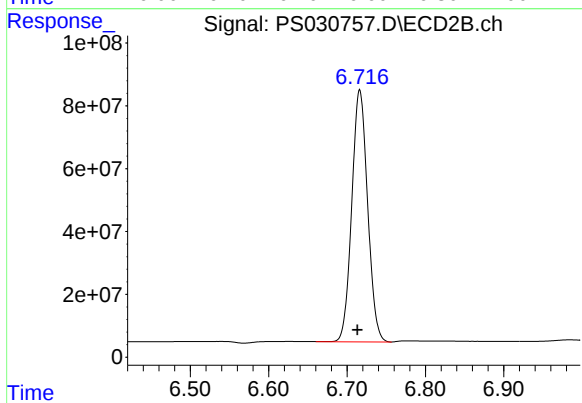
#1 Dalapon

R.T.: 2.713 min
Delta R.T.: 0.005 min
Response: 1852445578
Conc: 675.65 ng/ml



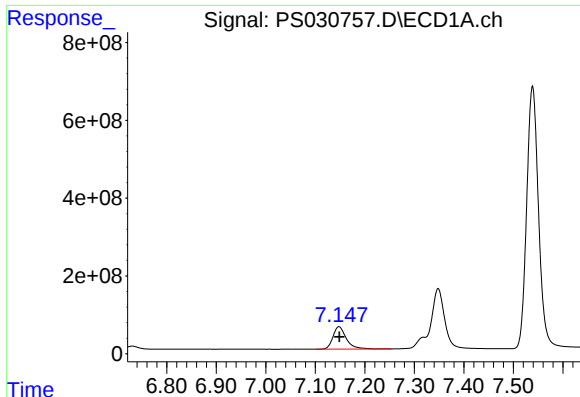
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.507 min
Delta R.T.: -0.002 min
Response: 3815451497
Conc: 709.51 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.716 min
Delta R.T.: 0.003 min
Response: 1127637189
Conc: 699.03 ng/ml



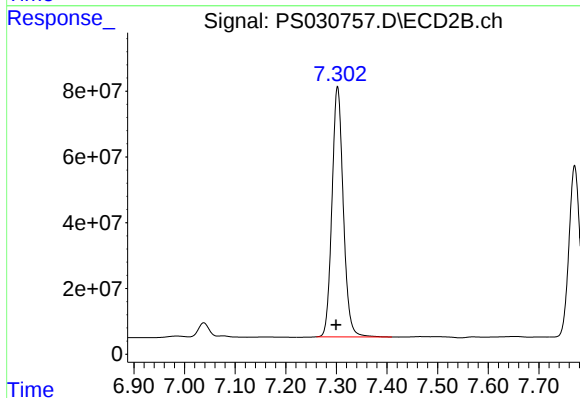
#3 4-Nitrophenol

R.T.: 7.148 min
Delta R.T.: -0.001 min
Response: 1094751323
Conc: 694.30 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

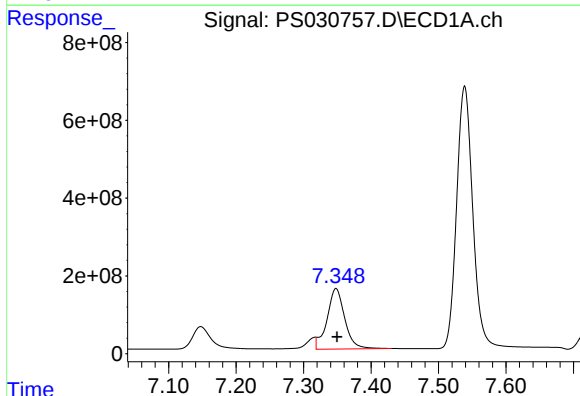
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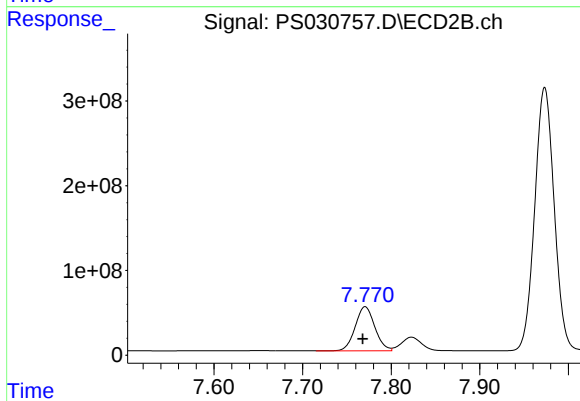
#3 4-Nitrophenol

R.T.: 7.302 min
Delta R.T.: 0.003 min
Response: 1180764197
Conc: 681.13 ng/ml



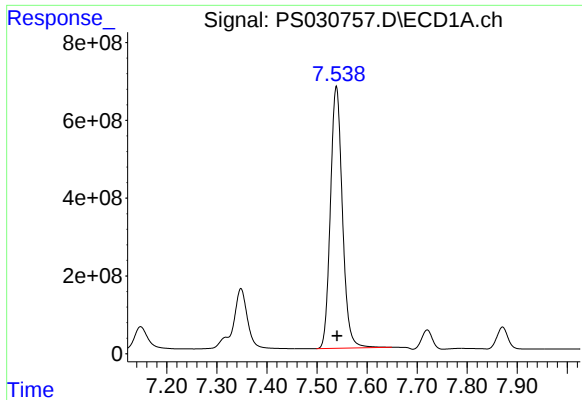
#4 2,4-DCAA

R.T.: 7.348 min
Delta R.T.: -0.002 min
Response: 2826888272
Conc: 769.35 ng/ml m



#4 2,4-DCAA

R.T.: 7.771 min
Delta R.T.: 0.003 min
Response: 803701138
Conc: 749.75 ng/ml



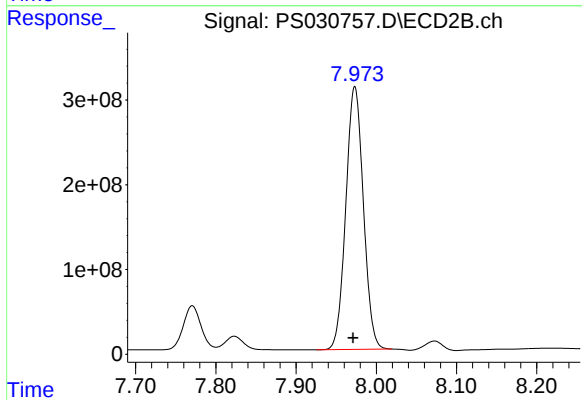
#5 DICAMBA

R.T.: 7.539 min
Delta R.T.: -0.002 min
Response: 11195534373
Conc: 735.82 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

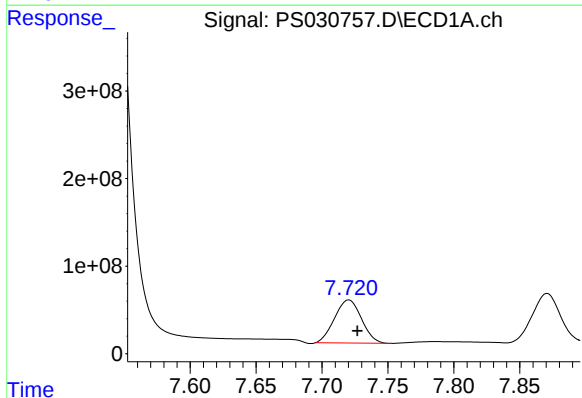
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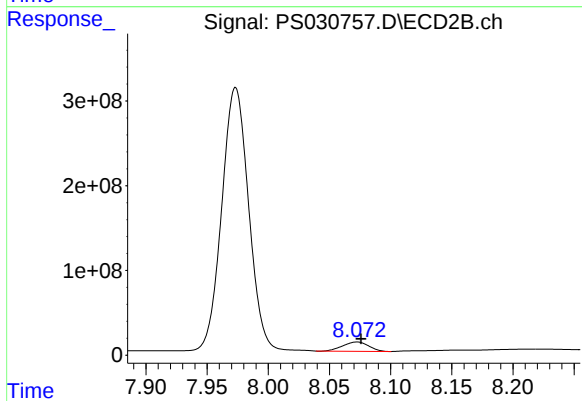
#5 DICAMBA

R.T.: 7.973 min
Delta R.T.: 0.002 min
Response: 4720417533
Conc: 720.32 ng/ml



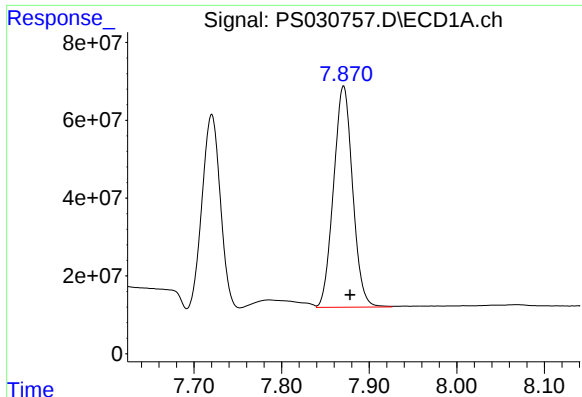
#6 MCP

R.T.: 7.720 min
Delta R.T.: -0.007 min
Response: 699471539
Conc: 74.50 ug/ml



#6 MCP

R.T.: 8.072 min
Delta R.T.: -0.003 min
Response: 161836245
Conc: 77.16 ug/ml



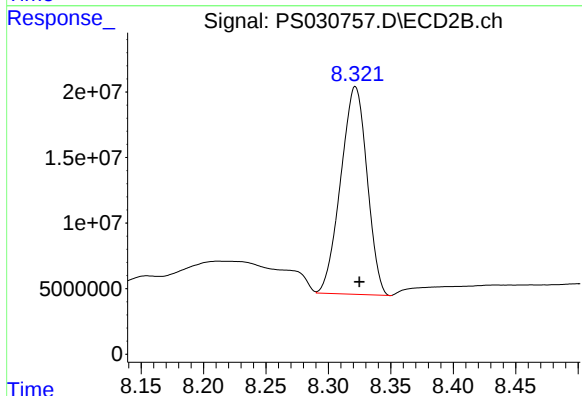
#7 MCPA

R.T.: 7.871 min
Delta R.T.: -0.007 min
Response: 860562954
Conc: 73.36 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

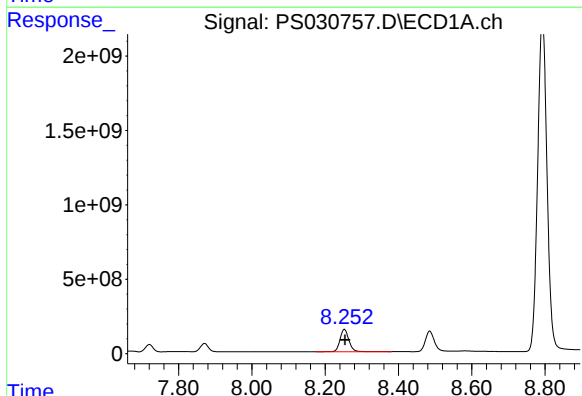
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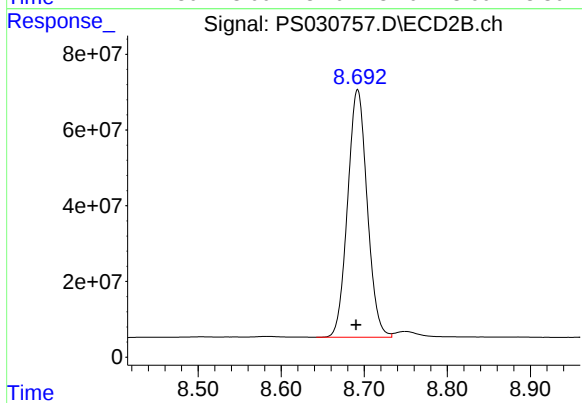
#7 MCPA

R.T.: 8.322 min
Delta R.T.: -0.003 min
Response: 232457459
Conc: 73.90 ug/ml



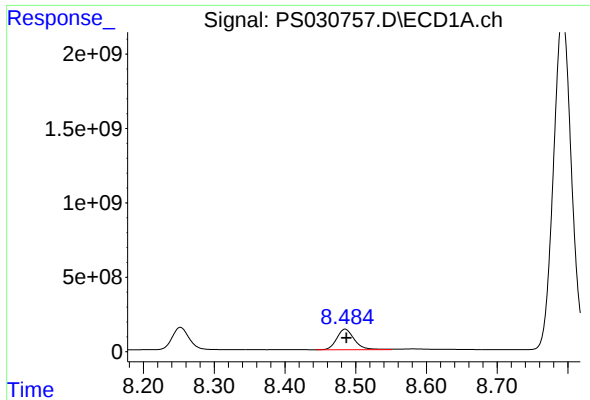
#8 DICHLORPROP

R.T.: 8.252 min
Delta R.T.: -0.002 min
Response: 2546475249
Conc: 679.83 ng/ml



#8 DICHLORPROP

R.T.: 8.692 min
Delta R.T.: 0.002 min
Response: 1070697560
Conc: 680.89 ng/ml



#9 2,4-D

R.T.: 8.485 min
Delta R.T.: -0.002 min
Response: 2400473684
Conc: 696.92 ng/ml

Instrument :

ECD_S

ClientSampleId :

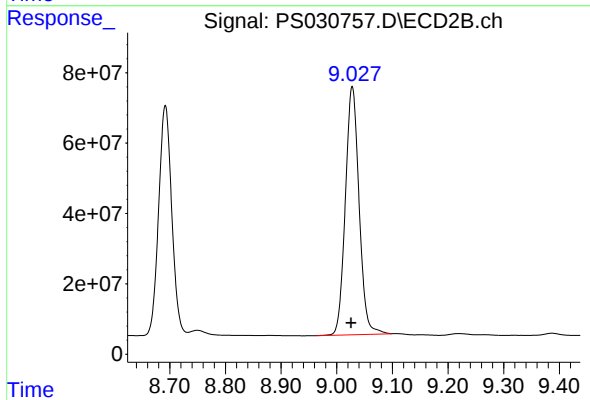
HSTDCCC750

Manual Integrations

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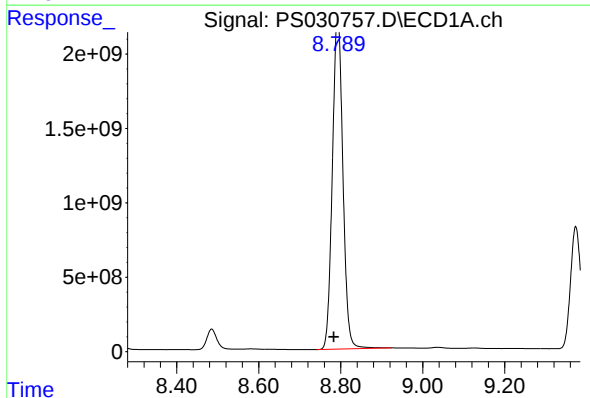
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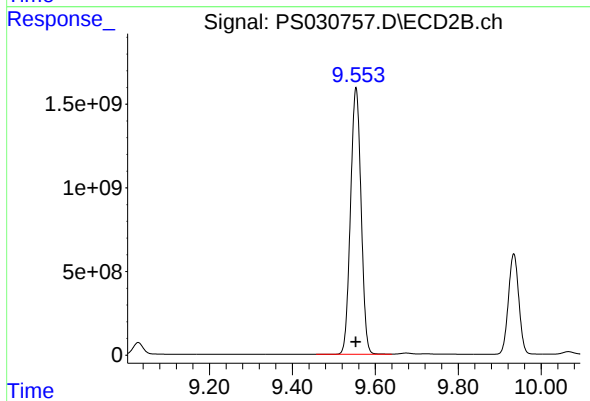
#9 2,4-D

R.T.: 9.027 min
Delta R.T.: 0.002 min
Response: 1208860122
Conc: 711.34 ng/ml m



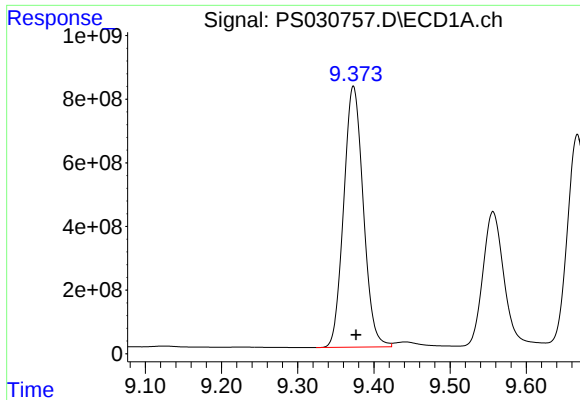
#10 Pentachlorophenol

R.T.: 8.793 min
Delta R.T.: 0.010 min
Response: 39394563324
Conc: 744.34 ng/ml



#10 Pentachlorophenol

R.T.: 9.553 min
Delta R.T.: 0.000 min
Response: 28169737133
Conc: 738.93 ng/ml



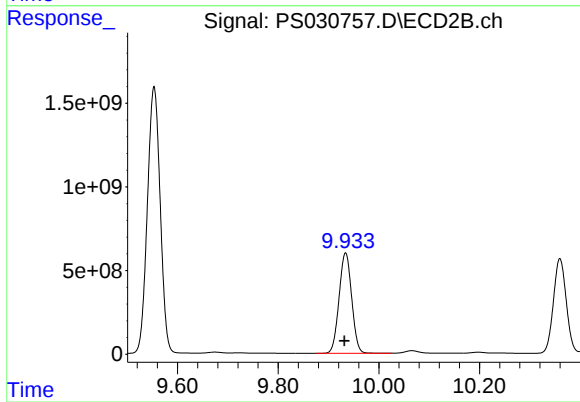
#11 2,4,5-TP (SILVEX)

R.T.: 9.373 min
Delta R.T.: -0.003 min
Response: 14659435847
Conc: 731.86 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

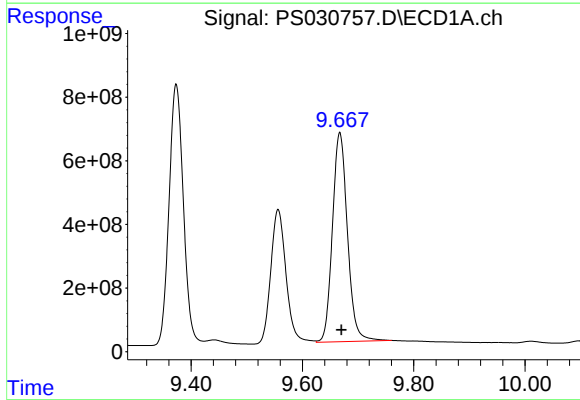
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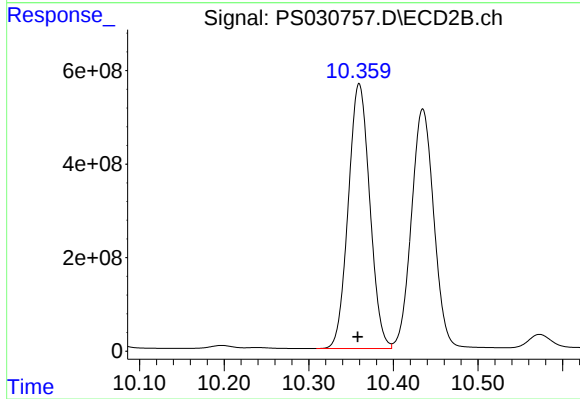
#11 2,4,5-TP (SILVEX)

R.T.: 9.934 min
Delta R.T.: 0.002 min
Response: 10449639949
Conc: 724.23 ng/ml



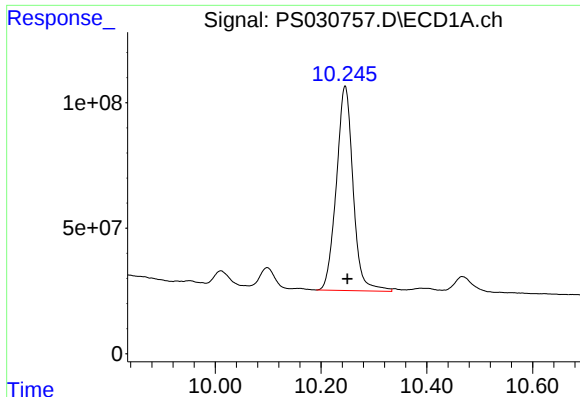
#12 2,4,5-T

R.T.: 9.667 min
Delta R.T.: -0.003 min
Response: 12301714505
Conc: 747.68 ng/ml



#12 2,4,5-T

R.T.: 10.360 min
Delta R.T.: 0.002 min
Response: 9980404895
Conc: 730.38 ng/ml



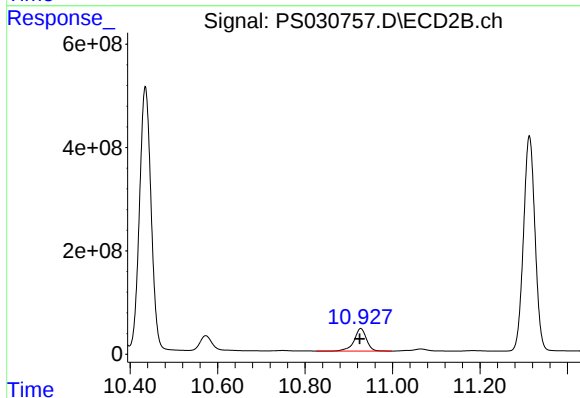
#13 2,4-DB

R.T.: 10.245 min
Delta R.T.: -0.004 min
Response: 1786148671
Conc: 778.79 ng/ml

Instrument :
ECD_S
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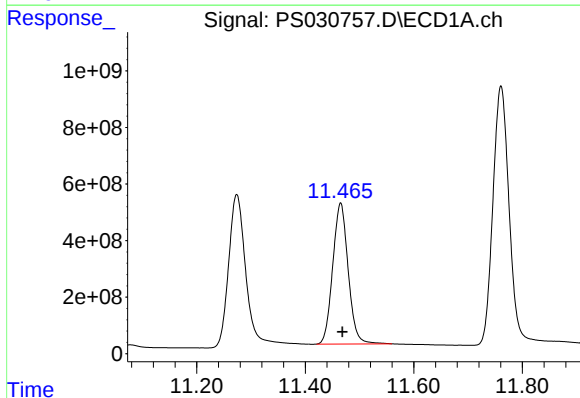
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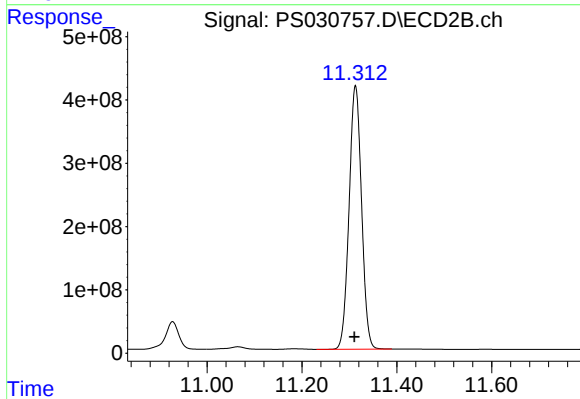
#13 2,4-DB

R.T.: 10.927 min
Delta R.T.: 0.002 min
Response: 850987400
Conc: 719.41 ng/ml



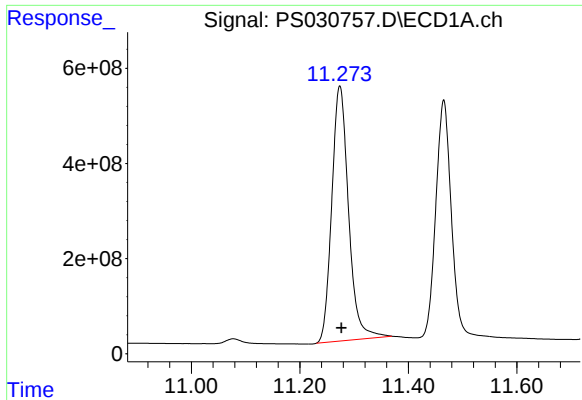
#14 DINOSEB

R.T.: 11.465 min
Delta R.T.: -0.003 min
Response: 9855766896
Conc: 710.42 ng/ml



#14 DINOSEB

R.T.: 11.313 min
Delta R.T.: 0.002 min
Response: 7584503944
Conc: 703.49 ng/ml



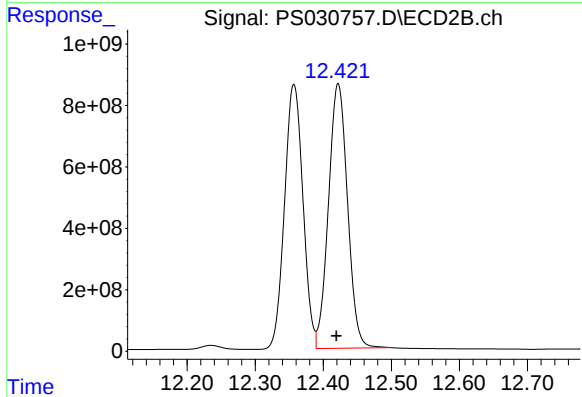
#15 Picloram

R.T.: 11.274 min
Delta R.T.: -0.003 min
Response: 11528585867
Conc: 717.13 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

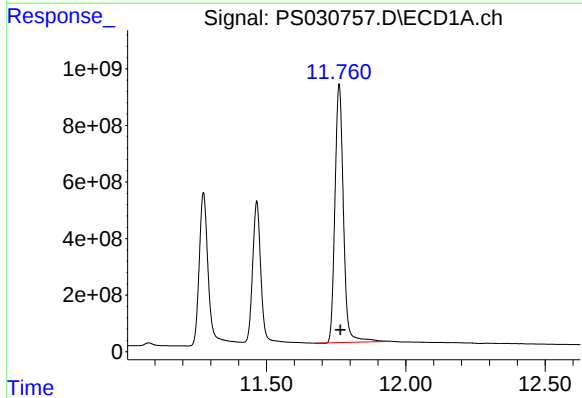
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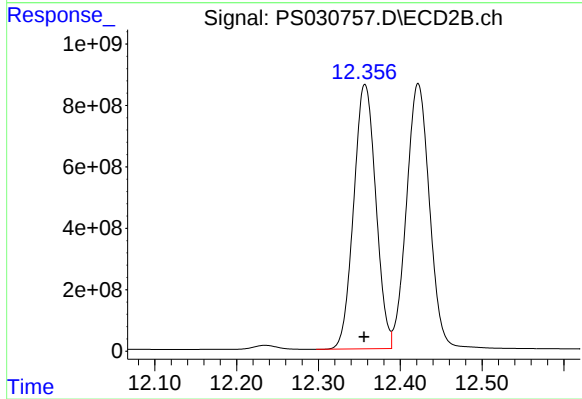
#15 Picloram

R.T.: 12.422 min
Delta R.T.: 0.003 min
Response: 16752030729
Conc: 720.78 ng/ml



#16 DCPA

R.T.: 11.761 min
Delta R.T.: -0.004 min
Response: 19342207257
Conc: 755.08 ng/ml



#16 DCPA

R.T.: 12.357 min
Delta R.T.: 0.001 min
Response: 16171136433
Conc: 733.62 ng/ml