

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS093025\
 Data File : PS031882.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Sep 2025 16:21
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/01/2025
 Supervised By :mohammad ahmed 10/03/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 01 02:20:03 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS090925.M
 Quant Title : 8080.M
 QLast Update : Tue Sep 09 13:56:38 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	7.283	7.742	2742.9E6	668.7E6	761.591	735.763
Target Compounds							
1) T	Dalapon	2.668	2.690	3624.3E6	1797.4E6	626.962	637.905
2) T	3,5-DICHL...	6.450	6.694	3791.6E6	1030.8E6	710.914	675.947m
3) T	4-Nitroph...	7.094	7.296	857.2E6	750.0E6	776.962	593.911
5) T	DICAMBA	7.466	7.938	11179.7E6	4551.9E6	716.796	699.562
6) T	MCPD	7.645	8.035	684.1E6	147.5E6	76.525	78.298
7) T	MCPA	7.794	8.282	823.1E6	203.0E6	74.083	72.467
8) T	DICHLORPROP	8.174	8.657	2539.1E6	1042.3E6	712.878	716.304
9) T	2,4-D	8.410	8.999	2468.9E6	1129.1E6	720.713	686.346
10) T	Pentachlo...	8.708	9.506	42112.3E6	30124.3E6	793.168	758.980
11) T	2,4,5-TP ...	9.281	9.891	15506.3E6	10597.0E6	739.323	703.915
12) T	2,4,5-T	9.577	10.320	14176.9E6	9368.9E6	774.769	696.207
13) T	2,4-DB	10.154	10.888	1830.5E6	664.1E6	784.677	620.629
14) T	DINOSEB	11.349	11.264	11326.1E6	7604.4E6	785.299	782.293
15) T	Picloram	11.178	12.383	13363.9E6	15944.7E6	741.983	673.247
16) T	DCPA	11.649	12.304	20644.4E6	17396.7E6	766.028	721.730

(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

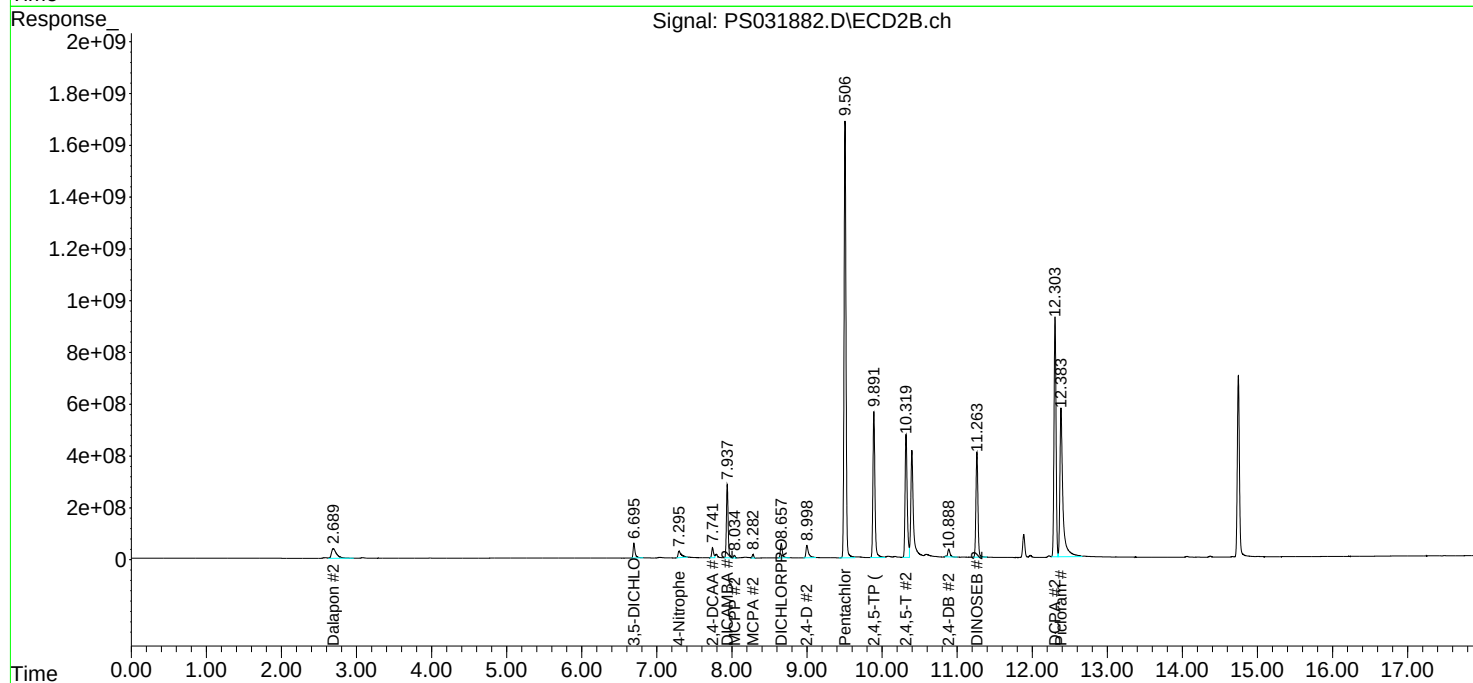
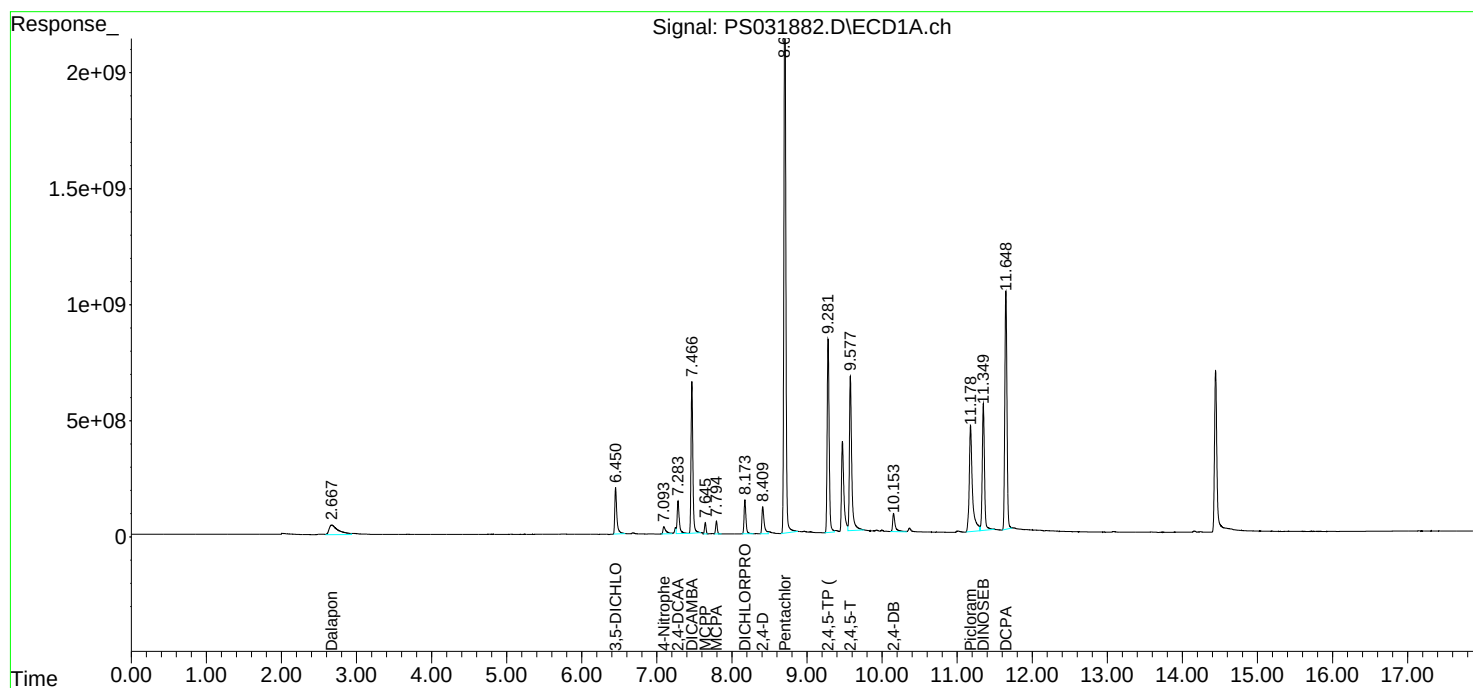
Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

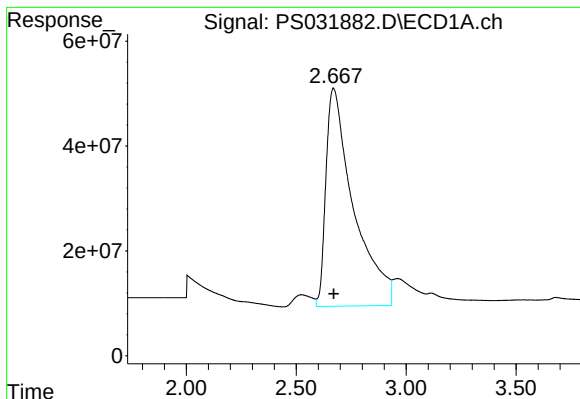
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#1 Dalapon

R.T.: 2.668 min
Delta R.T.: -0.003 min
Response: 3624309947
Conc: 626.96 ng/ml

Instrument :

ECD_S

ClientSampleId :

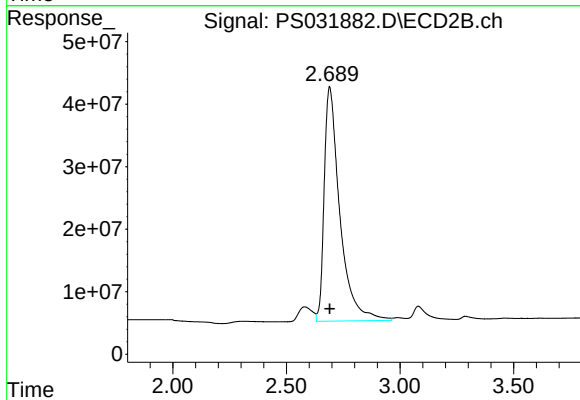
HSTDCCC750

Manual Integrations

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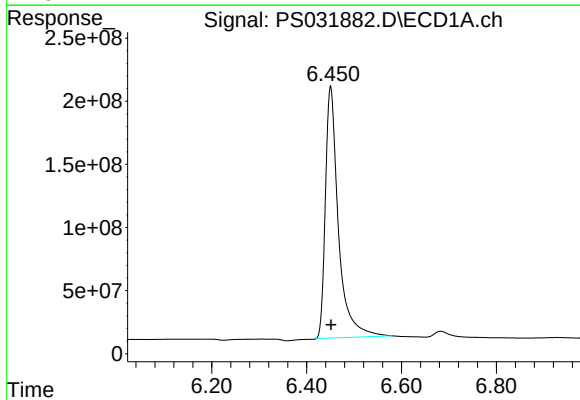
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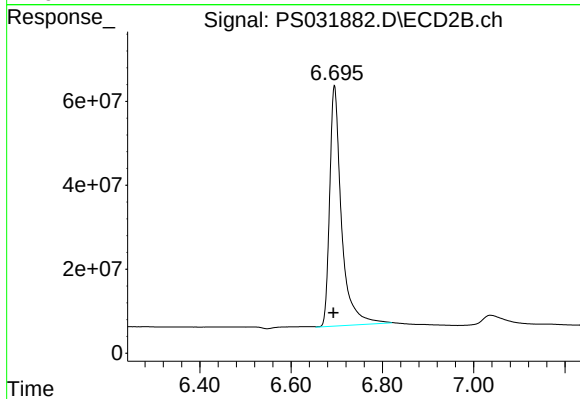
#1 Dalapon

R.T.: 2.690 min
Delta R.T.: -0.002 min
Response: 1797378864
Conc: 637.91 ng/ml



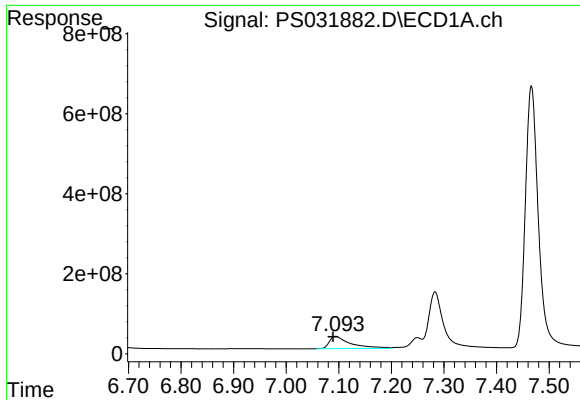
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.450 min
Delta R.T.: -0.001 min
Response: 3791560755
Conc: 710.91 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.694 min
Delta R.T.: 0.002 min
Response: 1030796148
Conc: 675.95 ng/ml m



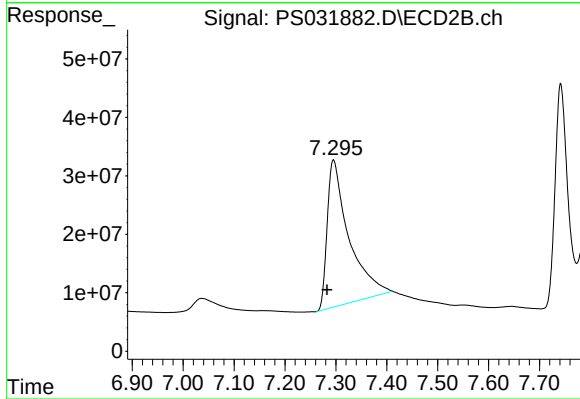
#3 4-Nitrophenol

R.T.: 7.094 min
Delta R.T.: 0.004 min
Response: 857151019
Conc: 776.96 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

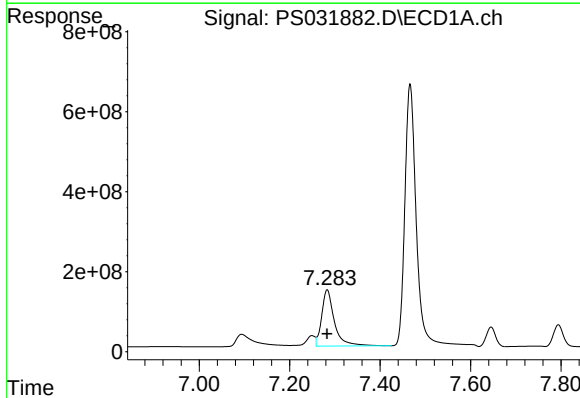
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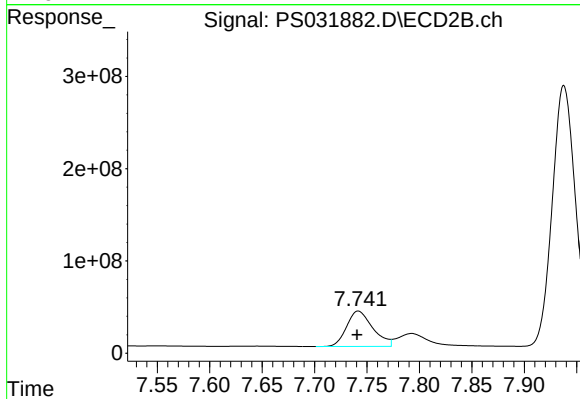
#3 4-Nitrophenol

R.T.: 7.296 min
Delta R.T.: 0.013 min
Response: 749982687
Conc: 593.91 ng/ml



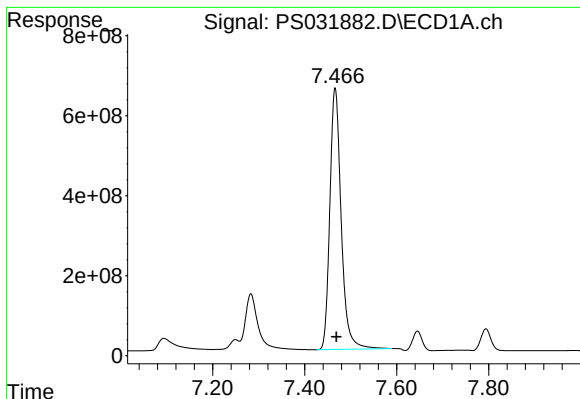
#4 2,4-DCAA

R.T.: 7.283 min
Delta R.T.: 0.000 min
Response: 2742892011
Conc: 761.59 ng/ml



#4 2,4-DCAA

R.T.: 7.742 min
Delta R.T.: 0.001 min
Response: 668734789
Conc: 735.76 ng/ml



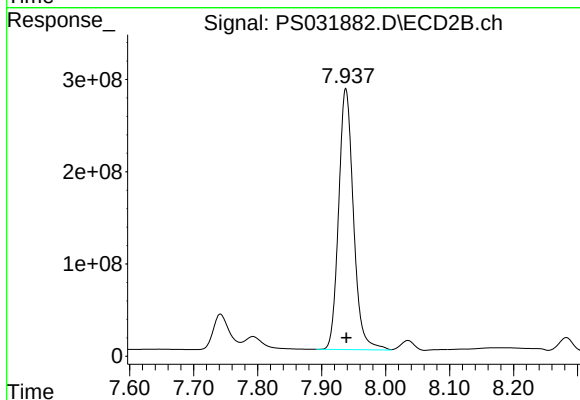
#5 DICAMBA

R.T.: 7.466 min
Delta R.T.: -0.002 min
Response: 11179657706
Conc: 716.80 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

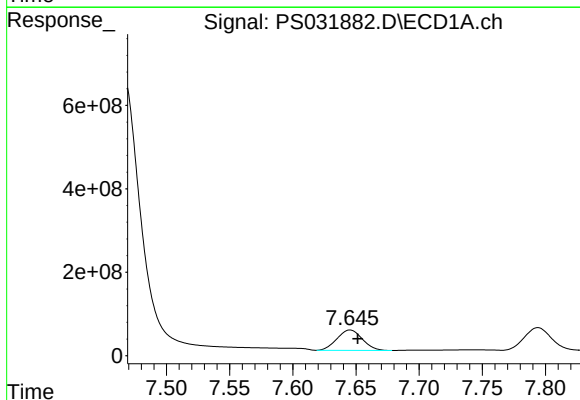
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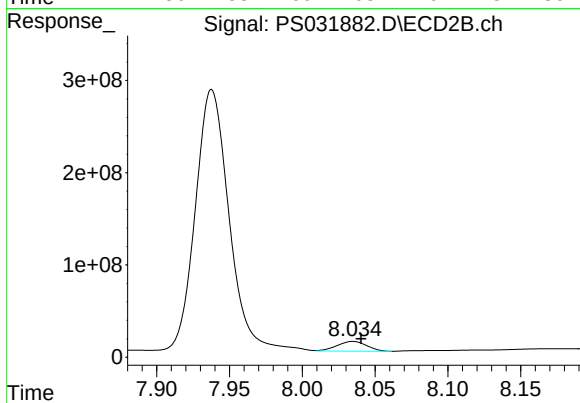
#5 DICAMBA

R.T.: 7.938 min
Delta R.T.: 0.000 min
Response: 4551944532
Conc: 699.56 ng/ml



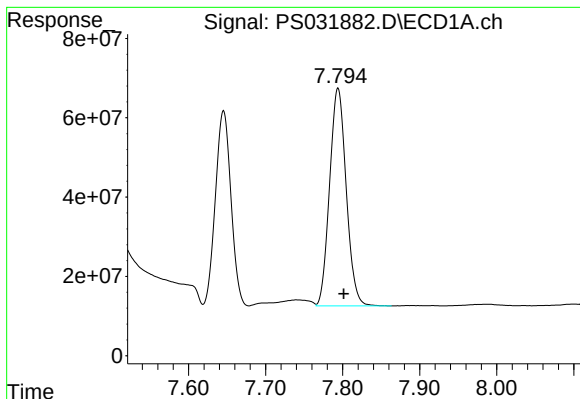
#6 MCPP

R.T.: 7.645 min
Delta R.T.: -0.006 min
Response: 684076443
Conc: 76.53 ug/ml



#6 MCPP

R.T.: 8.035 min
Delta R.T.: -0.005 min
Response: 147467473
Conc: 78.30 ug/ml



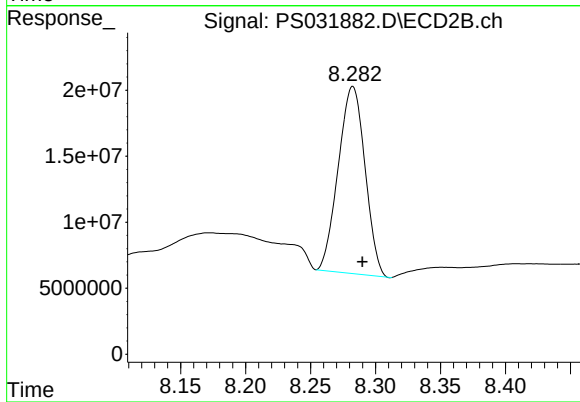
#7 MCPA

R.T.: 7.794 min
Delta R.T.: -0.007 min
Response: 823091505
Conc: 74.08 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

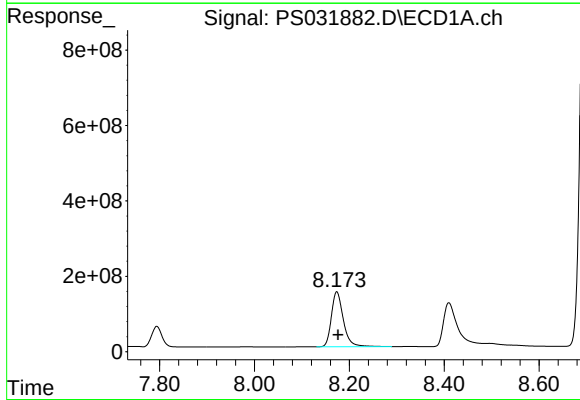
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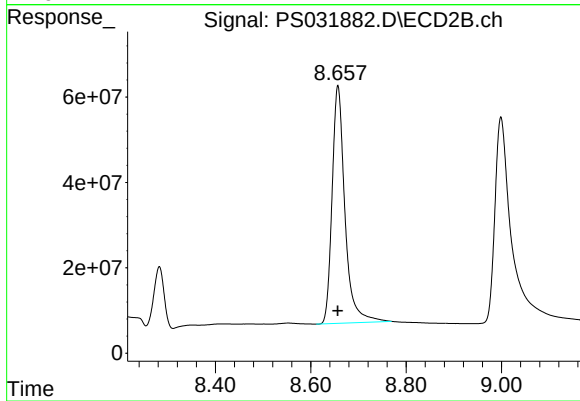
#7 MCPA

R.T.: 8.282 min
Delta R.T.: -0.008 min
Response: 202994789
Conc: 72.47 ug/ml



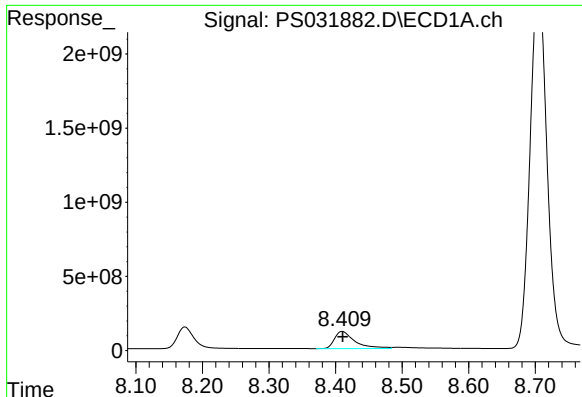
#8 DICHLORPROP

R.T.: 8.174 min
Delta R.T.: -0.003 min
Response: 2539102113
Conc: 712.88 ng/ml



#8 DICHLORPROP

R.T.: 8.657 min
Delta R.T.: 0.000 min
Response: 1042265775
Conc: 716.30 ng/ml



#9 2,4-D

R.T.: 8.410 min
Delta R.T.: 0.000 min
Response: 2468902582
Conc: 720.71 ng/ml

Instrument :

ECD_S

ClientSampleId :

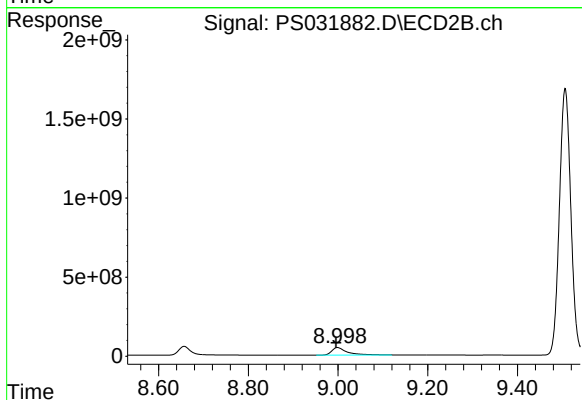
HSTDCCC750

Manual Integrations

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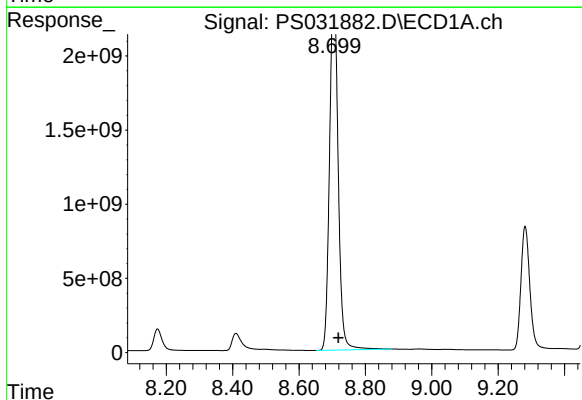
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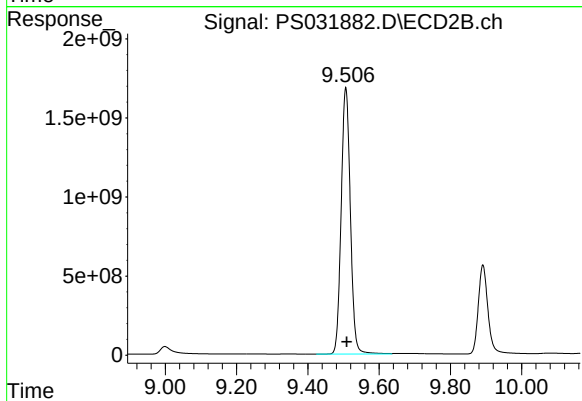
#9 2,4-D

R.T.: 8.999 min
Delta R.T.: 0.003 min
Response: 1129114300
Conc: 686.35 ng/ml



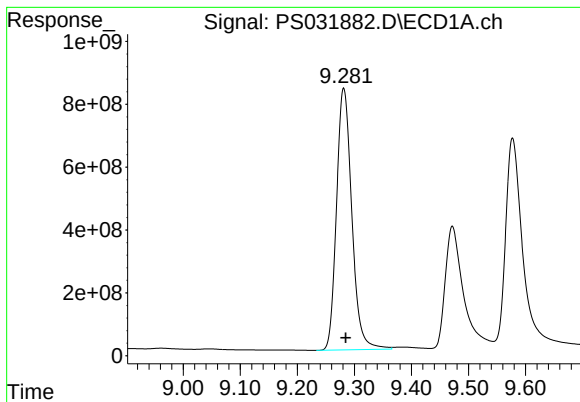
#10 Pentachlorophenol

R.T.: 8.708 min
Delta R.T.: -0.011 min
Response: 42112345762
Conc: 793.17 ng/ml



#10 Pentachlorophenol

R.T.: 9.506 min
Delta R.T.: -0.003 min
Response: 30124317065
Conc: 758.98 ng/ml



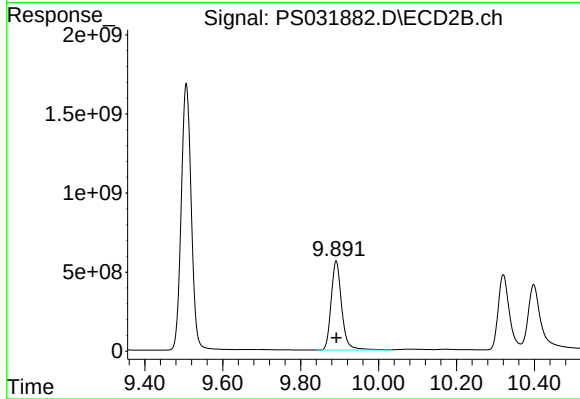
#11 2,4,5-TP (SILVEX)

R.T.: 9.281 min
Delta R.T.: -0.004 min
Response: 15506326100
Conc: 739.32 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

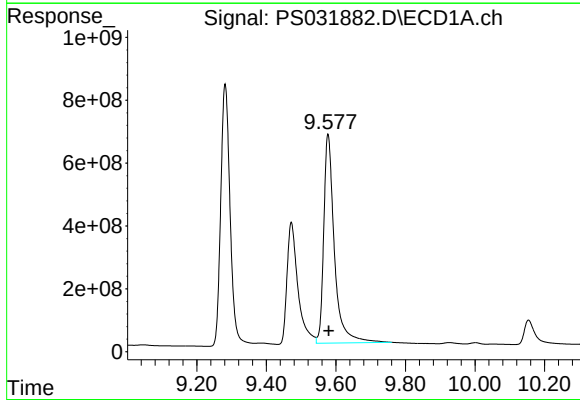
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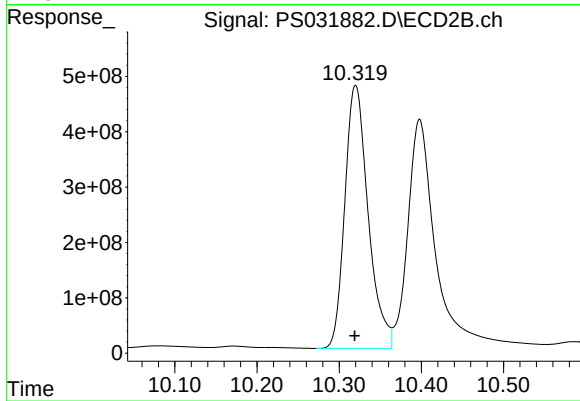
#11 2,4,5-TP (SILVEX)

R.T.: 9.891 min
Delta R.T.: 0.000 min
Response: 10596957826
Conc: 703.91 ng/ml



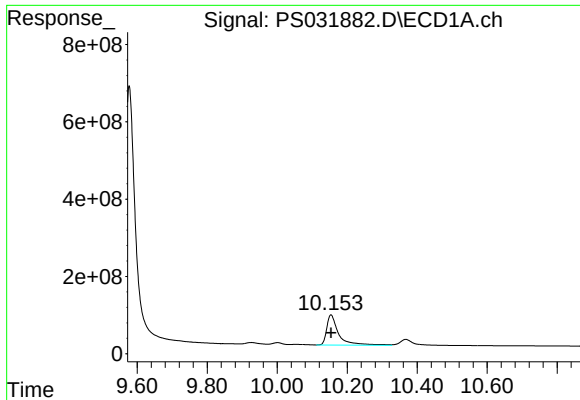
#12 2,4,5-T

R.T.: 9.577 min
Delta R.T.: -0.002 min
Response: 14176853401
Conc: 774.77 ng/ml



#12 2,4,5-T

R.T.: 10.320 min
Delta R.T.: 0.000 min
Response: 9368873158
Conc: 696.21 ng/ml



#13 2,4-DB

R.T.: 10.154 min
Delta R.T.: 0.000 min
Response: 1830468549
Conc: 784.68 ng/ml

Instrument :

ECD_S

ClientSampleId :

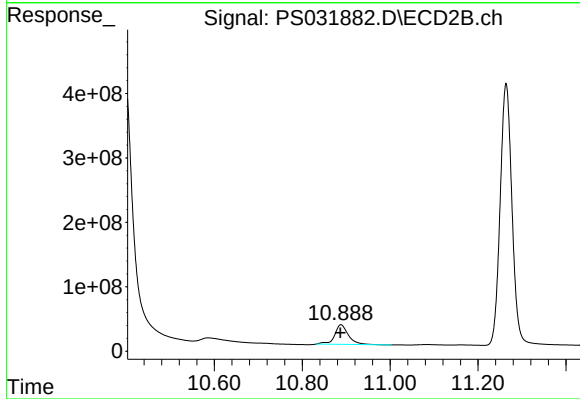
HSTDCCC750

Manual Integrations

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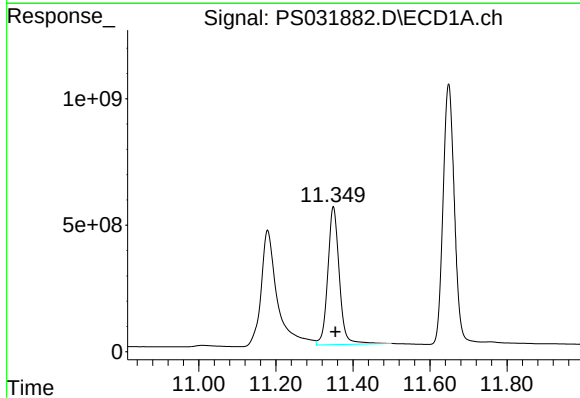
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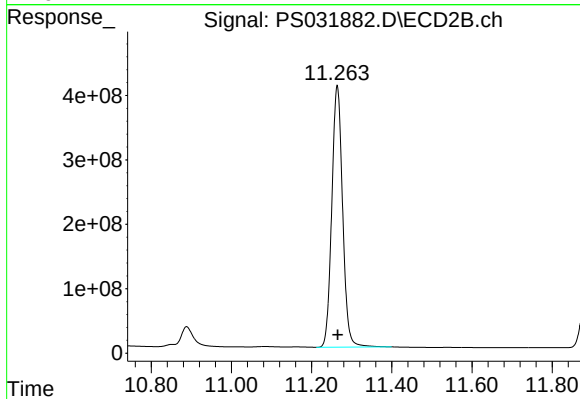
#13 2,4-DB

R.T.: 10.888 min
Delta R.T.: 0.001 min
Response: 664100365
Conc: 620.63 ng/ml



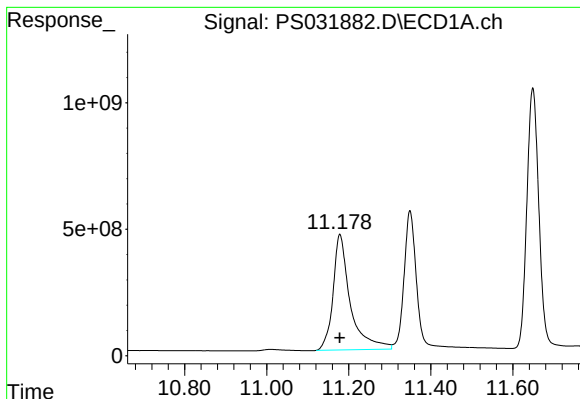
#14 DINOSEB

R.T.: 11.349 min
Delta R.T.: -0.005 min
Response: 11326117062
Conc: 785.30 ng/ml



#14 DINOSEB

R.T.: 11.264 min
Delta R.T.: -0.001 min
Response: 7604421118
Conc: 782.29 ng/ml



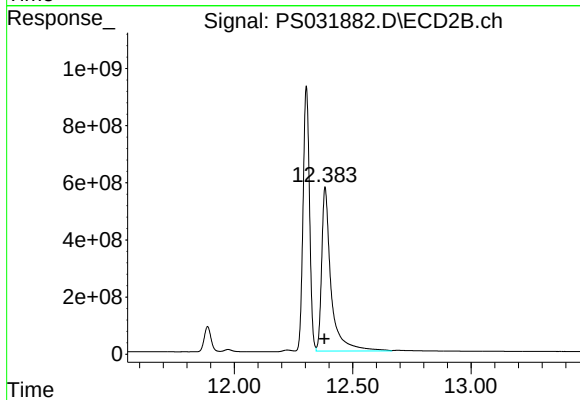
#15 Picloram

R.T.: 11.178 min
Delta R.T.: 0.000 min
Response: 13363905227
Conc: 741.98 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

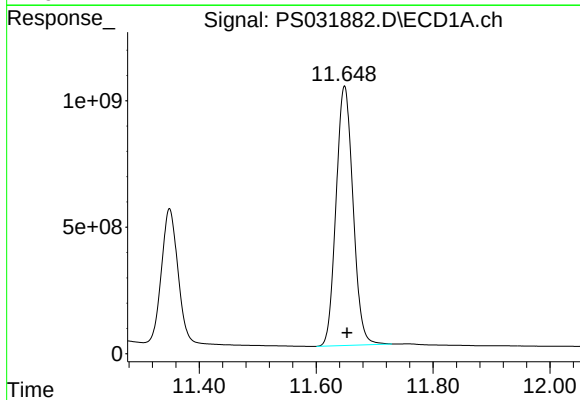
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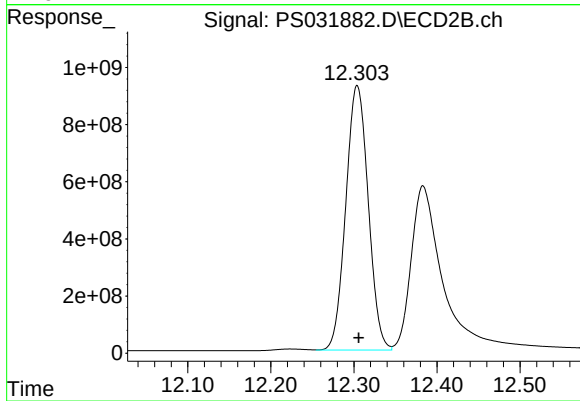
#15 Picloram

R.T.: 12.383 min
Delta R.T.: 0.004 min
Response: 15944685807
Conc: 673.25 ng/ml



#16 DCPA

R.T.: 11.649 min
Delta R.T.: -0.004 min
Response: 20644372801
Conc: 766.03 ng/ml



#16 DCPA

R.T.: 12.304 min
Delta R.T.: -0.002 min
Response: 17396652019
Conc: 721.73 ng/ml