

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060425\
 Data File : PS030483.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Jun 2025 14:23
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/05/2025
 Supervised By : mohammad ahmed 06/06/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 04 14:51:56 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060425.M
 Quant Title : 8080.M
 QLast Update : Wed Jun 04 13:21:22 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 x 0.5 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	7.367	7.773	2738.5E6	753.4E6	725.393m	700.404
Target Compounds							
1) T	Dalapon	2.717	2.712	3748.9E6	1785.5E6	663.878	651.643
2) T	3,5-DICHL...	6.523	6.716	3688.6E6	1041.0E6	679.753	665.508
3) T	4-Nitroph...	7.166	7.303	1214.4E6	1029.1E6	662.235	656.636
5) T	DICAMBA	7.560	7.977	10706.1E6	4383.5E6	694.187	680.499
6) T	MCP	7.743	8.077	690.2E6	161.3E6	69.684	69.767
7) T	MCPA	7.893	8.326	861.7E6	217.1E6	67.911	70.357m
8) T	DICHLORPROP	8.276	8.697	2465.2E6	997.9E6	677.609	672.348
9) T	2,4-D	8.509	9.033	2501.2E6	1060.6E6	686.471	674.553
10) T	Pentachlo...	8.819	9.560	38227.4E6	25343.4E6	752.712	701.294
11) T	2,4,5-TP ...	9.401	9.941	14542.3E6	9418.6E6	703.715	686.649
12) T	2,4,5-T	9.697	10.367	13059.3E6	9010.0E6	708.549	690.044
13) T	2,4-DB	10.276	10.935	2135.6E6	779.6E6	703.343	678.156
14) T	DINOSEB	11.500	11.321	9975.1E6	6878.6E6	693.921	684.428
15) T	Picloram	11.305	12.429	13806.2E6	15486.1E6	690.146	701.241
16) T	DCPA	11.795	12.366	18723.3E6	14301.9E6	708.140	698.919

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

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Acq On : 04 Jun 2025 14:23
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

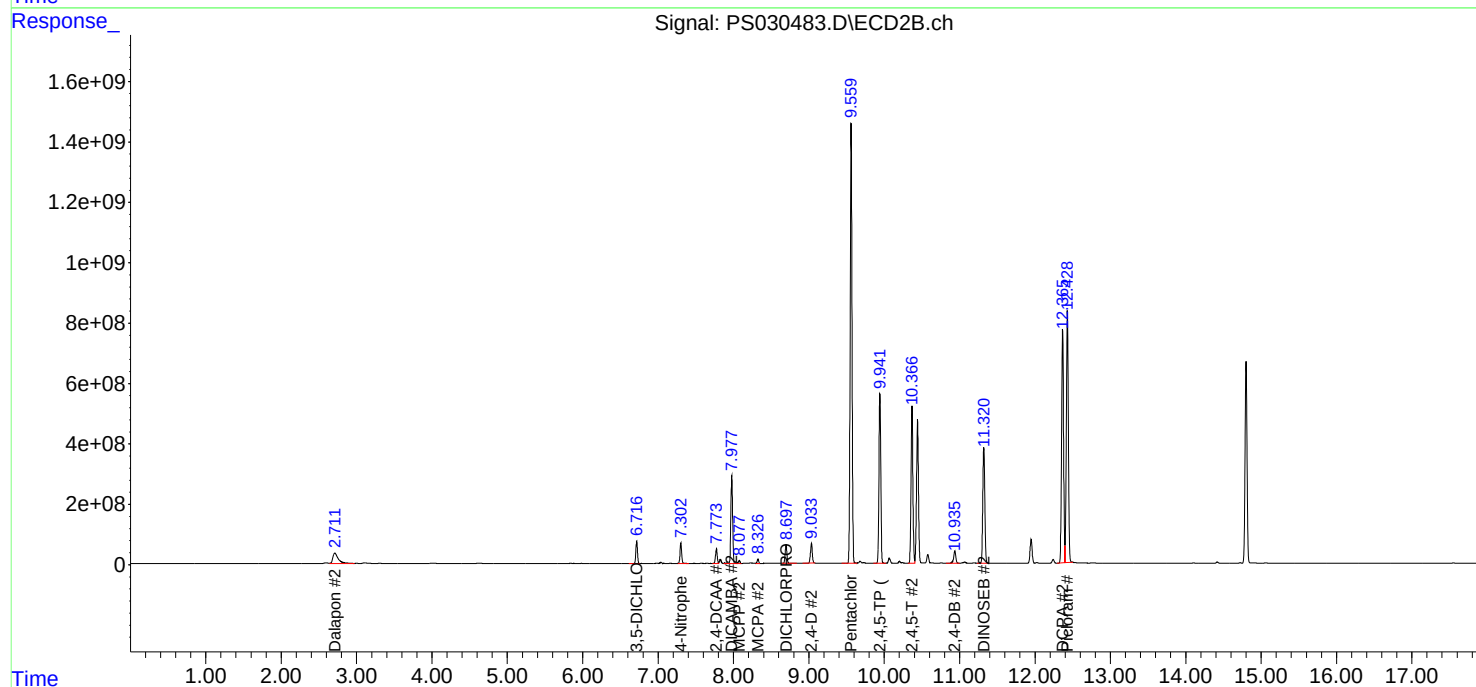
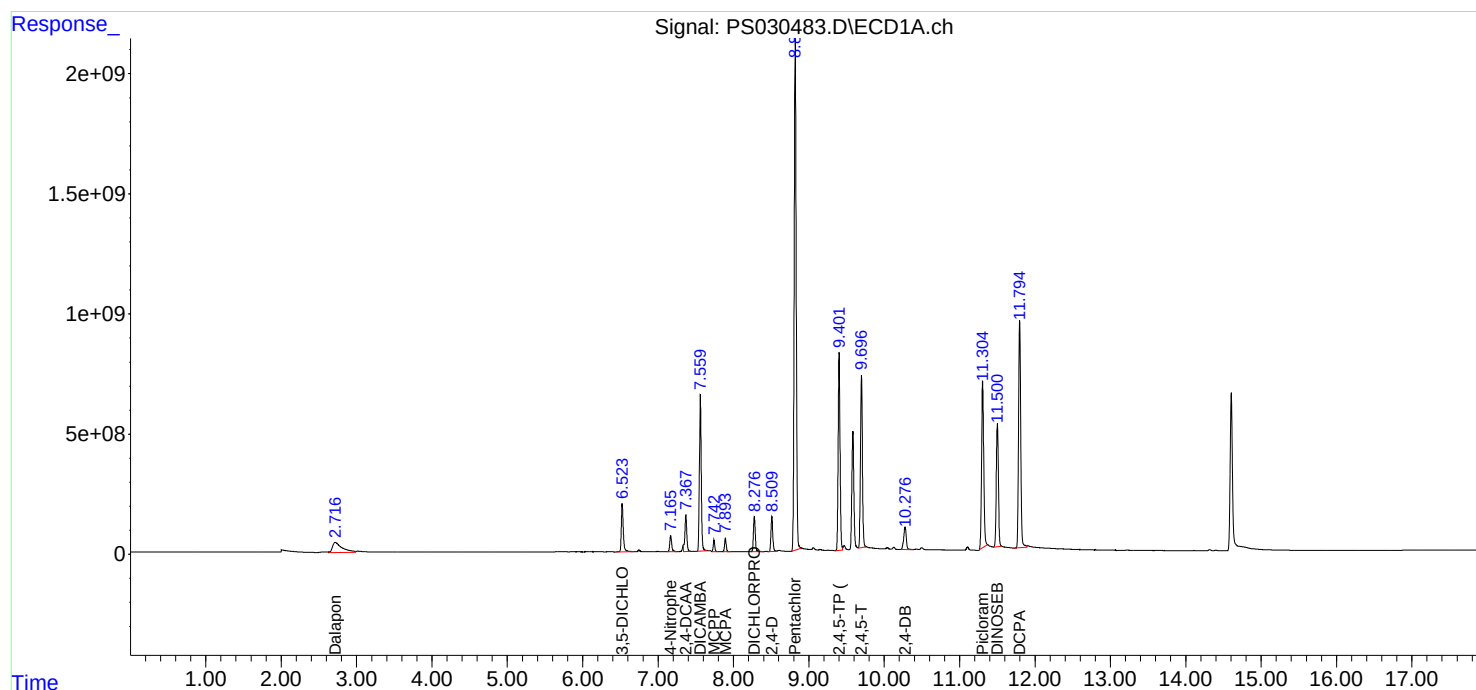
Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

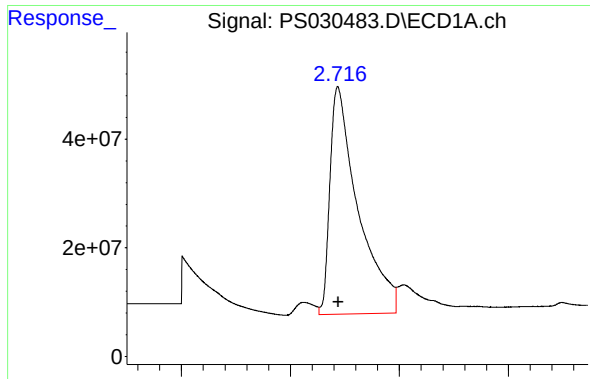
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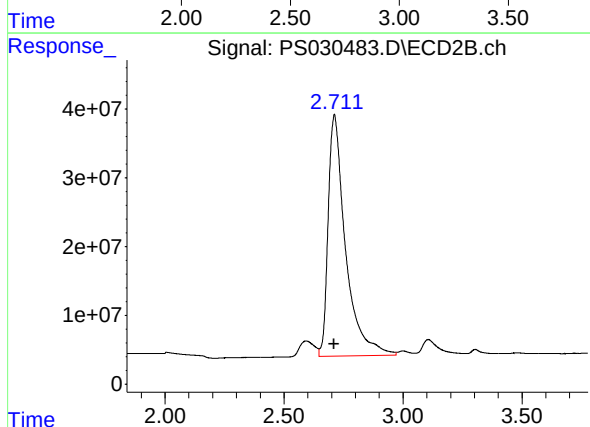
#1 Dalapon

R.T.: 2.717 min
Delta R.T.: -0.003 min
Response: 3748903365
Conc: 663.88 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

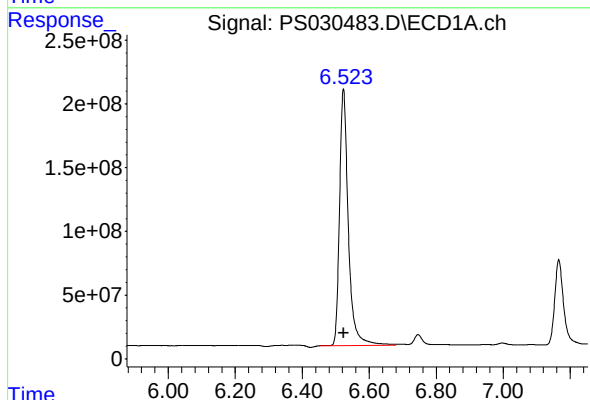
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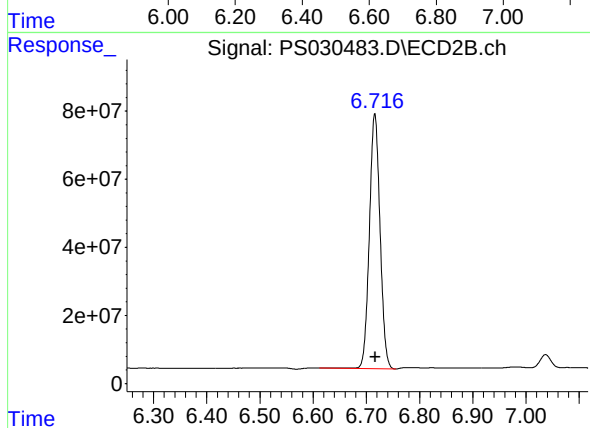
#1 Dalapon

R.T.: 2.712 min
Delta R.T.: 0.001 min
Response: 1785511317
Conc: 651.64 ng/ml



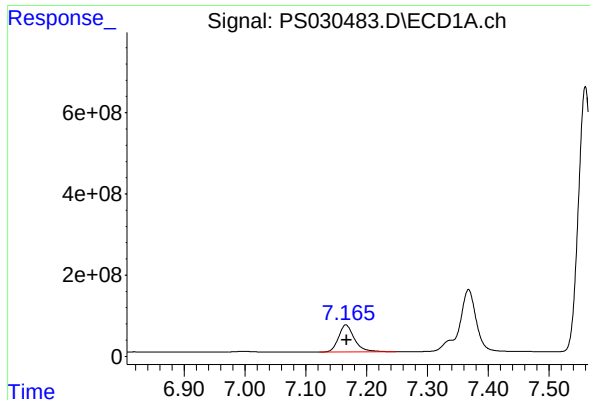
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.523 min
Delta R.T.: 0.000 min
Response: 3688579545
Conc: 679.75 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.716 min
Delta R.T.: -0.001 min
Response: 1041019502
Conc: 665.51 ng/ml



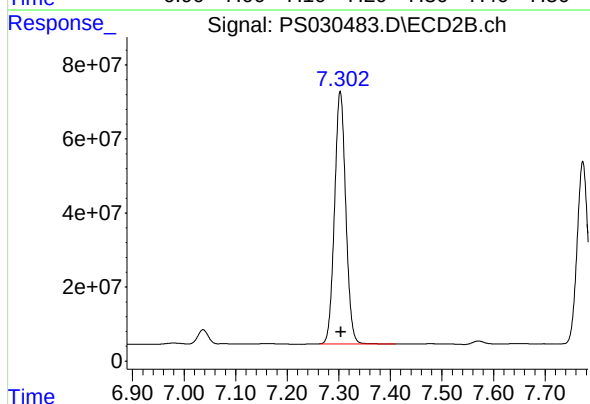
#3 4-Nitrophenol

R.T.: 7.166 min
Delta R.T.: -0.001 min
Response: 1214377764
Conc: 662.24 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

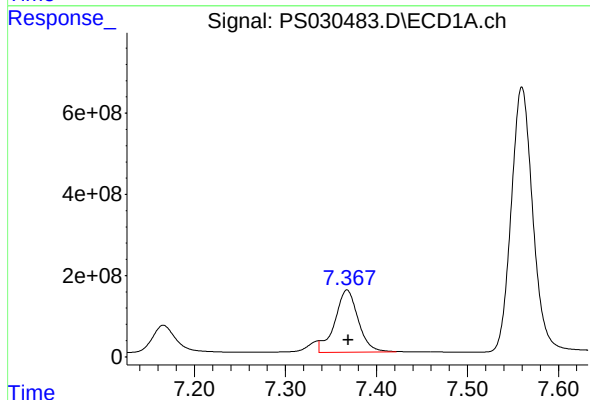
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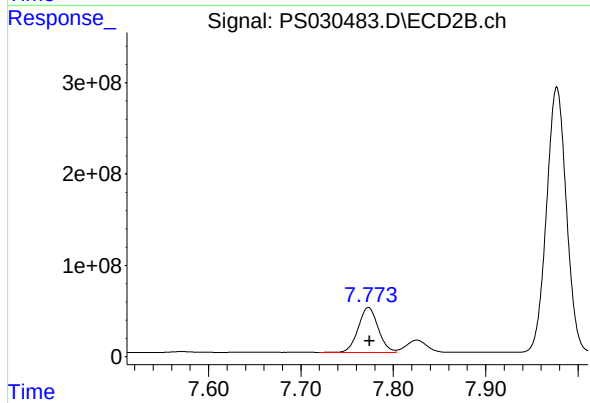
#3 4-Nitrophenol

R.T.: 7.303 min
Delta R.T.: -0.001 min
Response: 1029107838
Conc: 656.64 ng/ml



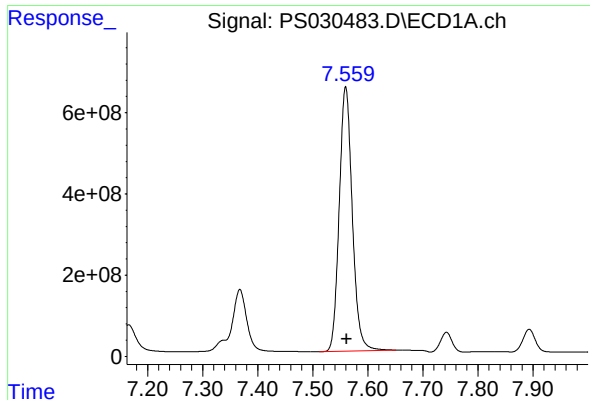
#4 2,4-DCAA

R.T.: 7.367 min
Delta R.T.: -0.002 min
Response: 2738463202
Conc: 725.39 ng/ml m



#4 2,4-DCAA

R.T.: 7.773 min
Delta R.T.: -0.001 min
Response: 753362143
Conc: 700.40 ng/ml



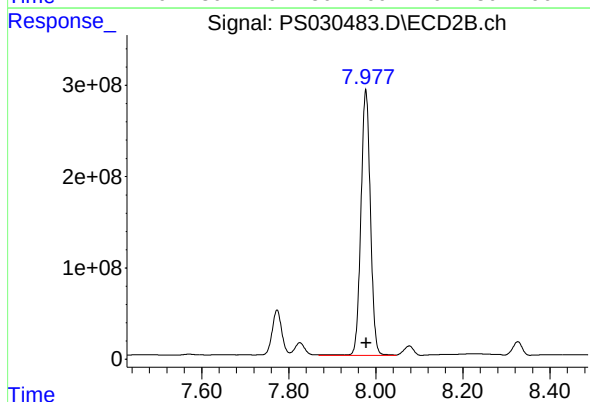
#5 DICAMBA

R.T.: 7.560 min
Delta R.T.: -0.001 min
Response: 10706129236
Conc: 694.19 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

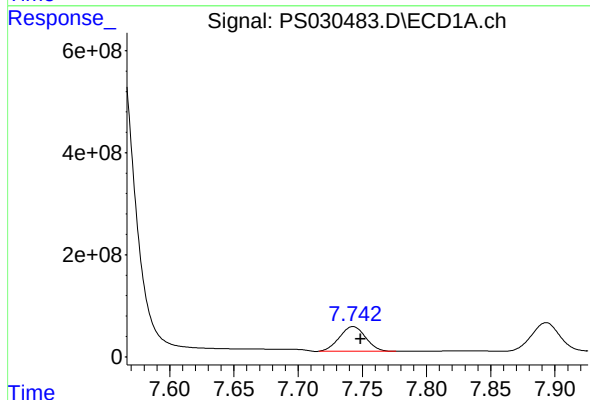
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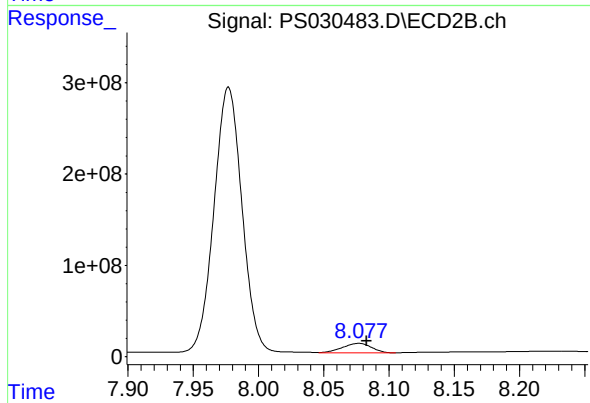
#5 DICAMBA

R.T.: 7.977 min
Delta R.T.: -0.001 min
Response: 4383532256
Conc: 680.50 ng/ml



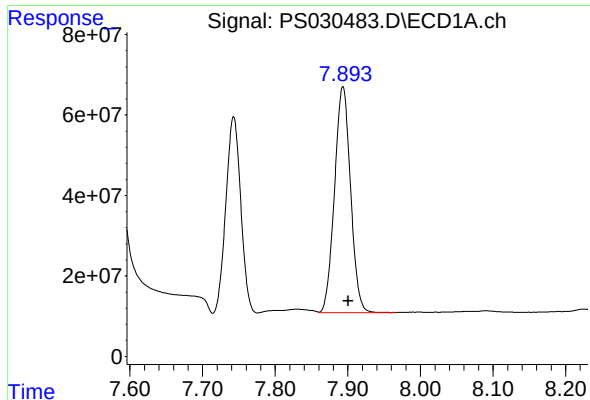
#6 MCPP

R.T.: 7.743 min
Delta R.T.: -0.006 min
Response: 690213748
Conc: 69.68 ug/ml



#6 MCPP

R.T.: 8.077 min
Delta R.T.: -0.006 min
Response: 161271975
Conc: 69.77 ug/ml



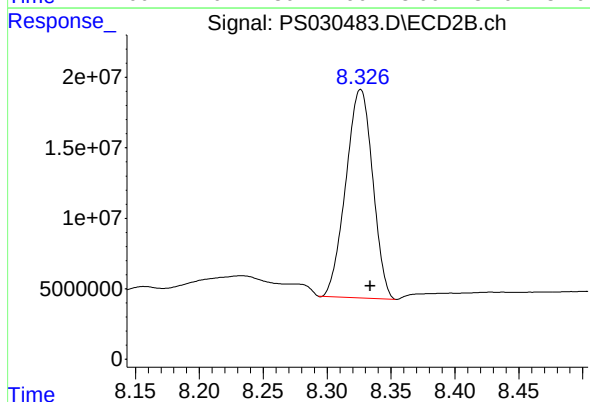
#7 MCPA

R.T.: 7.893 min
Delta R.T.: -0.007 min
Response: 861746878
Conc: 67.91 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

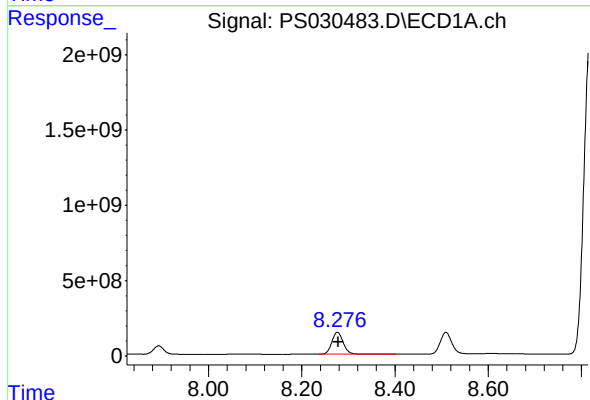
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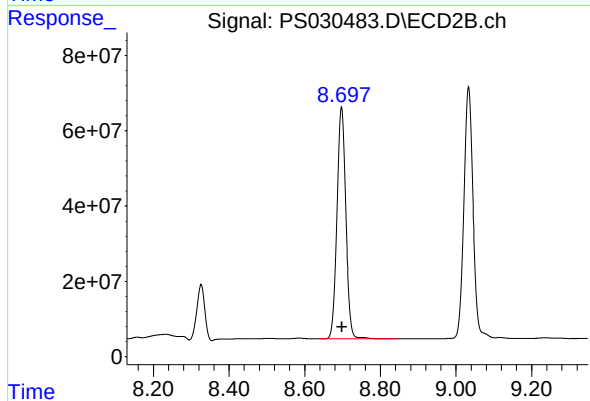
#7 MCPA

R.T.: 8.326 min
Delta R.T.: -0.008 min
Response: 217114553
Conc: 70.36 ug/ml



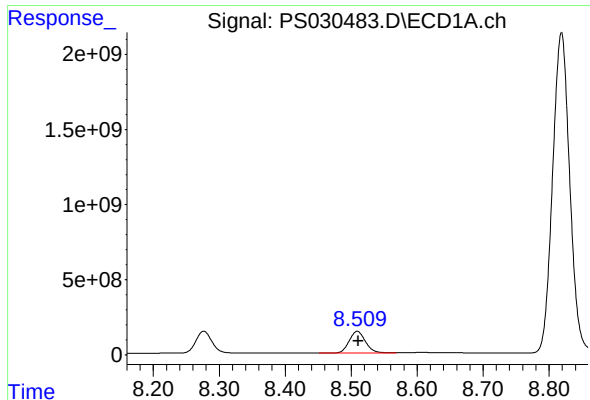
#8 DICHLORPROP

R.T.: 8.276 min
Delta R.T.: -0.002 min
Response: 2465241702
Conc: 677.61 ng/ml



#8 DICHLORPROP

R.T.: 8.697 min
Delta R.T.: -0.002 min
Response: 997900963
Conc: 672.35 ng/ml



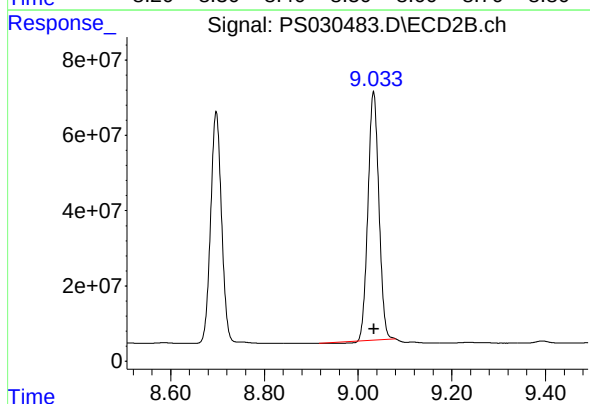
#9 2,4-D

R.T.: 8.509 min
Delta R.T.: -0.002 min
Response: 2501235148
Conc: 686.47 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

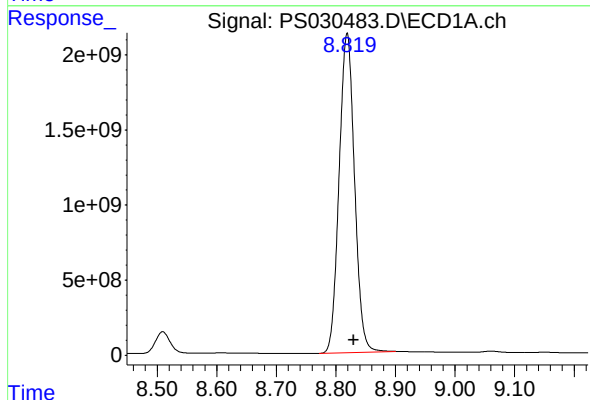
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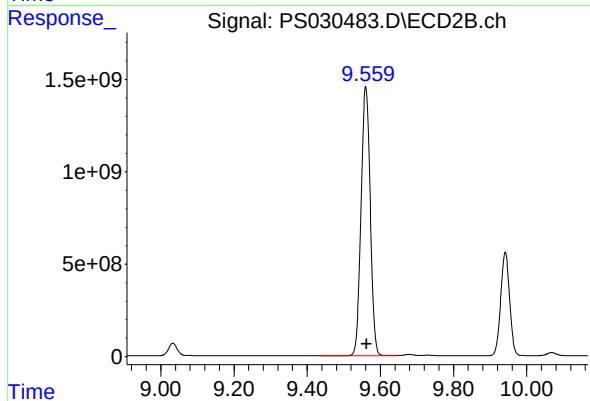
#9 2,4-D

R.T.: 9.033 min
Delta R.T.: -0.002 min
Response: 1060613922
Conc: 674.55 ng/ml



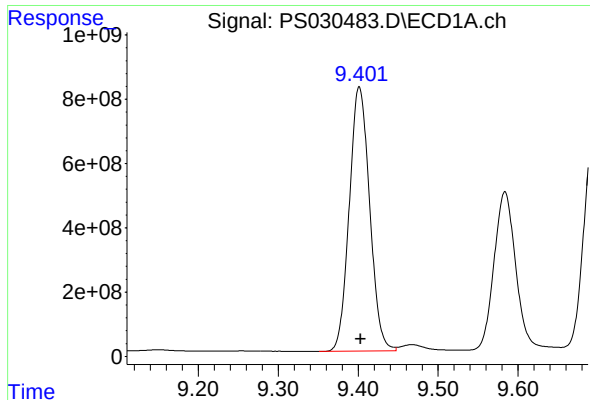
#10 Pentachlorophenol

R.T.: 8.819 min
Delta R.T.: -0.011 min
Response: 38227386892
Conc: 752.71 ng/ml



#10 Pentachlorophenol

R.T.: 9.560 min
Delta R.T.: -0.003 min
Response: 25343377008
Conc: 701.29 ng/ml



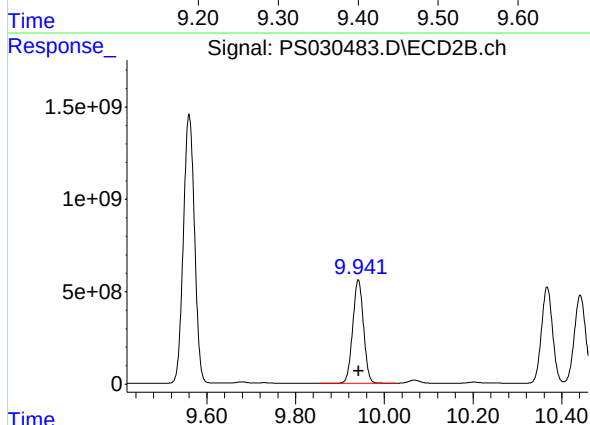
#11 2,4,5-TP (SILVEX)

R.T.: 9.401 min
Delta R.T.: -0.002 min
Response: 14542334900
Conc: 703.72 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

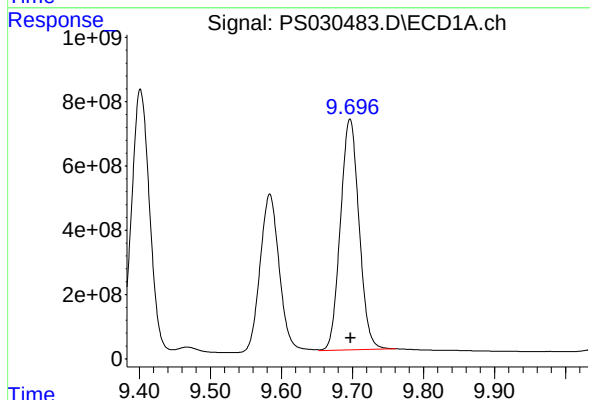
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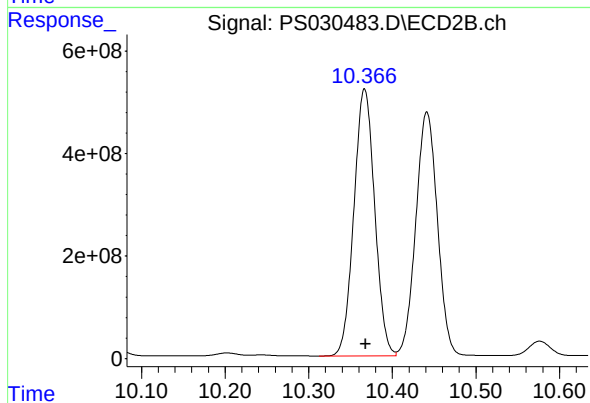
#11 2,4,5-TP (SILVEX)

R.T.: 9.941 min
Delta R.T.: 0.000 min
Response: 9418594292
Conc: 686.65 ng/ml



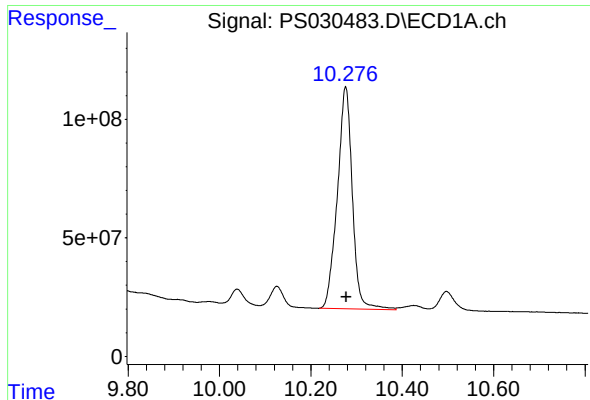
#12 2,4,5-T

R.T.: 9.697 min
Delta R.T.: 0.000 min
Response: 13059319289
Conc: 708.55 ng/ml



#12 2,4,5-T

R.T.: 10.367 min
Delta R.T.: 0.000 min
Response: 9009995315
Conc: 690.04 ng/ml



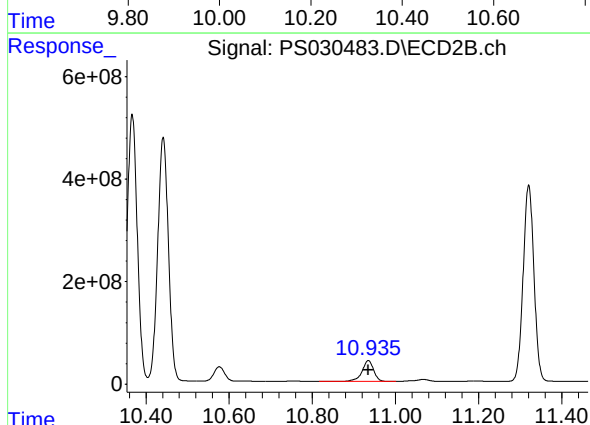
#13 2,4-DB

R.T.: 10.276 min
Delta R.T.: -0.001 min
Response: 2135606929
Conc: 703.34 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

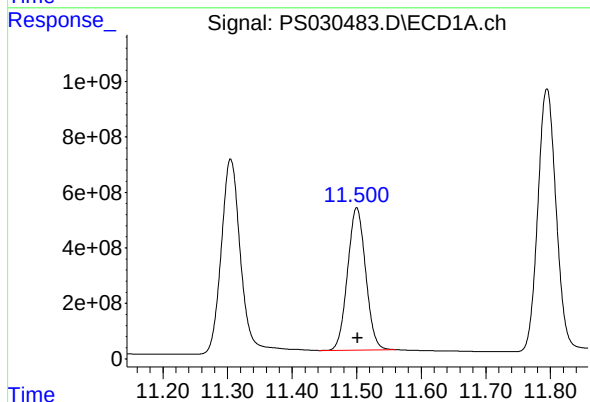
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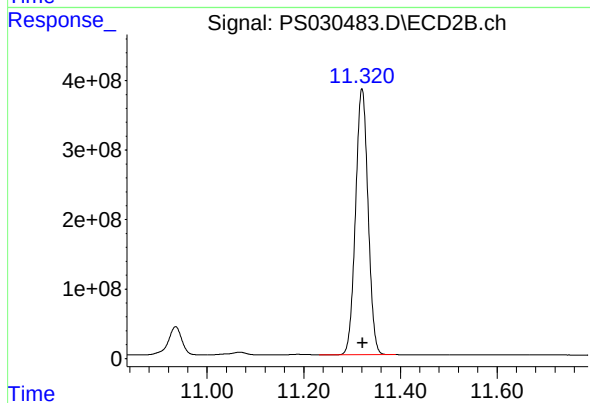
#13 2,4-DB

R.T.: 10.935 min
Delta R.T.: 0.000 min
Response: 779575546
Conc: 678.16 ng/ml



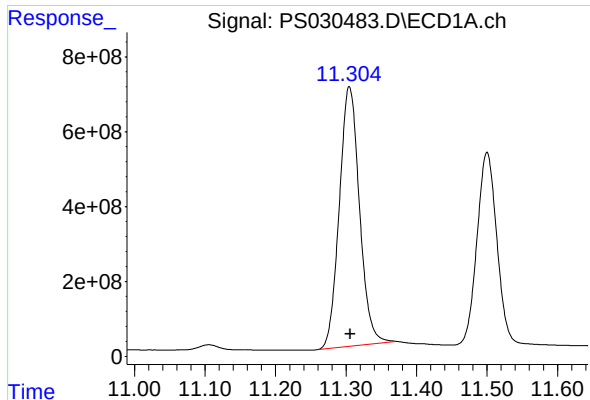
#14 DINOSEB

R.T.: 11.500 min
Delta R.T.: -0.001 min
Response: 9975067241
Conc: 693.92 ng/ml



#14 DINOSEB

R.T.: 11.321 min
Delta R.T.: -0.001 min
Response: 6878575843
Conc: 684.43 ng/ml



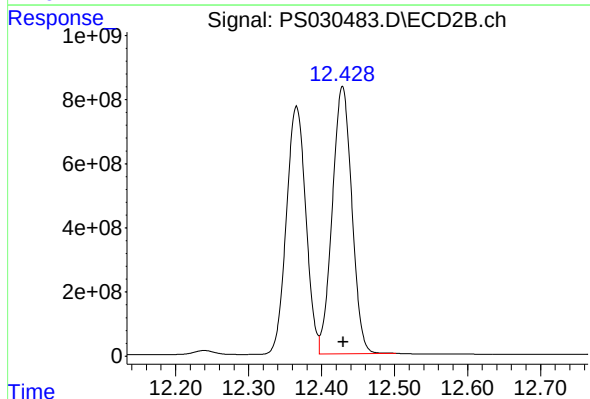
#15 Picloram

R.T.: 11.305 min
Delta R.T.: -0.001 min
Response: 13806226346
Conc: 690.15 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

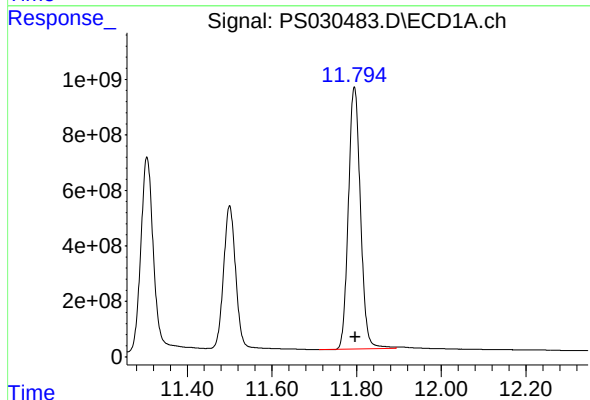
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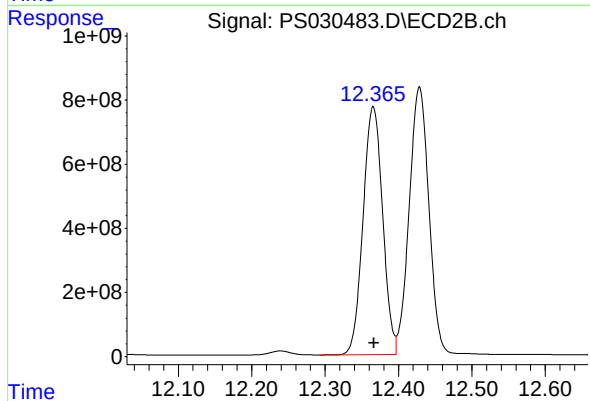
#15 Picloram

R.T.: 12.429 min
Delta R.T.: -0.001 min
Response: 15486125889
Conc: 701.24 ng/ml



#16 DCPA

R.T.: 11.795 min
Delta R.T.: -0.002 min
Response: 18723299823
Conc: 708.14 ng/ml



#16 DCPA

R.T.: 12.366 min
Delta R.T.: -0.001 min
Response: 14301936749
Conc: 698.92 ng/ml