

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS050125\
 Data File : PS030016.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 May 2025 13:27
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/02/2025
 Supervised By : mohammad ahmed 05/05/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 02 01:28:08 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS042325.M
 Quant Title : 8080.M
 QLast Update : Wed Apr 23 12:57:40 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	6.938	7.462	1884.6E6	575.4E6	765.767	816.786
Target Compounds							
1) T	Dalapon	2.449	2.523	2798.1E6	1209.5E6	683.247	696.662
2) T	3,5-DICHL...	6.143	6.459	2544.7E6	733.9E6	712.034	750.706
3) T	4-Nitroph...	6.728	6.996	1257.5E6	552.2E6	705.169	720.931
5) T	DICAMBA	7.115	7.648	7244.6E6	3144.8E6	731.569	796.146
6) T	MCPD	7.294	7.755	469.8E6	129.0E6	72.914	73.740
7) T	MCPA	7.436	7.986	645.8E6	171.6E6	73.130	72.542
8) T	DICHLORPROP	7.795	8.341	1809.7E6	774.5E6	714.123	771.491
9) T	2,4-D	8.014	8.654	2042.0E6	854.2E6	725.956	757.867
10) T	Pentachlo...	8.293	9.155	26148.2E6	16409.8E6	749.553	806.585
11) T	2,4,5-TP ...	8.858	9.533	10392.9E6	6513.9E6	749.693	796.152
12) T	2,4,5-T	9.139	9.937	10599.2E6	6089.9E6	754.227	784.513
13) T	2,4-DB	9.698	10.495	1756.3E6	619.2E6	768.523	769.370
14) T	DINOSEB	10.860	10.869	7372.8E6	4425.3E6	724.708	758.937
15) T	Picloram	10.679	11.905	13694.5E6	8880.4E6	747.085	722.943m
16) T	DCPA	11.161	11.900	12916.6E6	7671.9E6	758.863	680.636m

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

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Data File : PS030016.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 May 2025 13:27
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

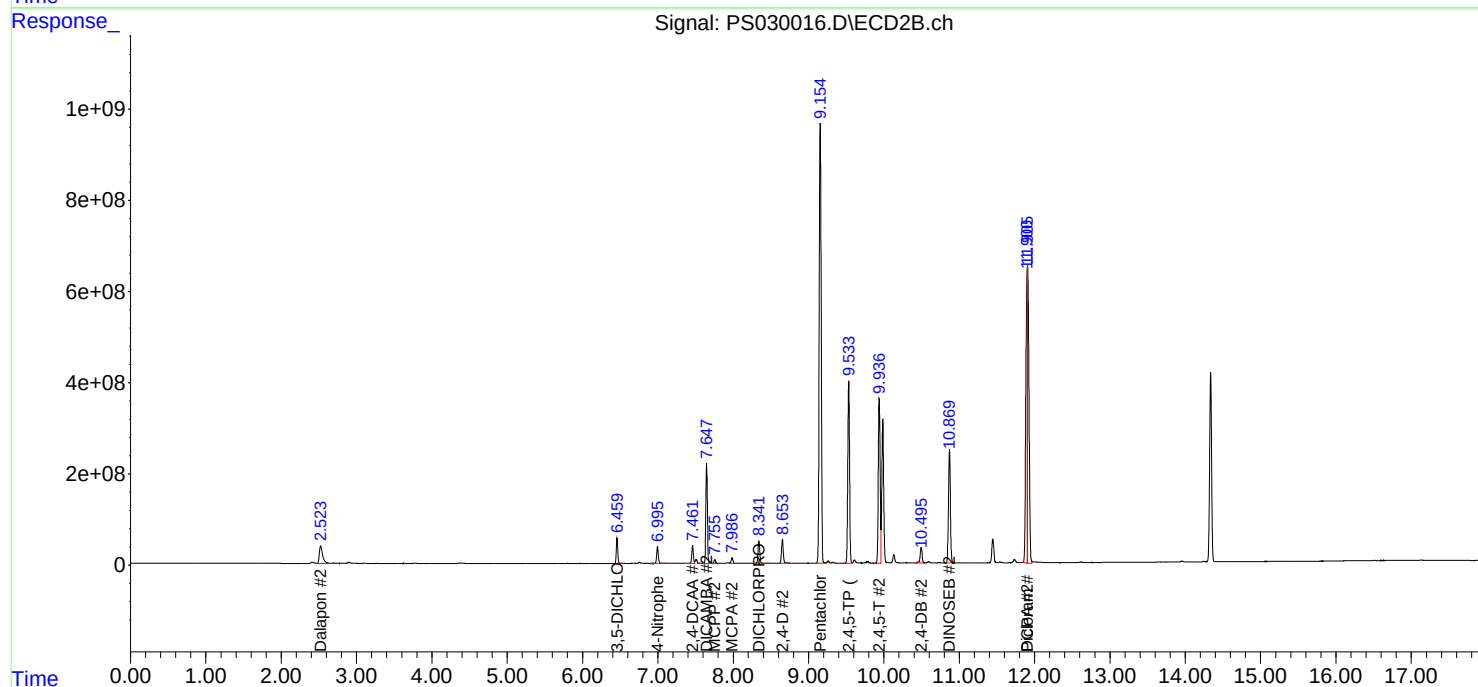
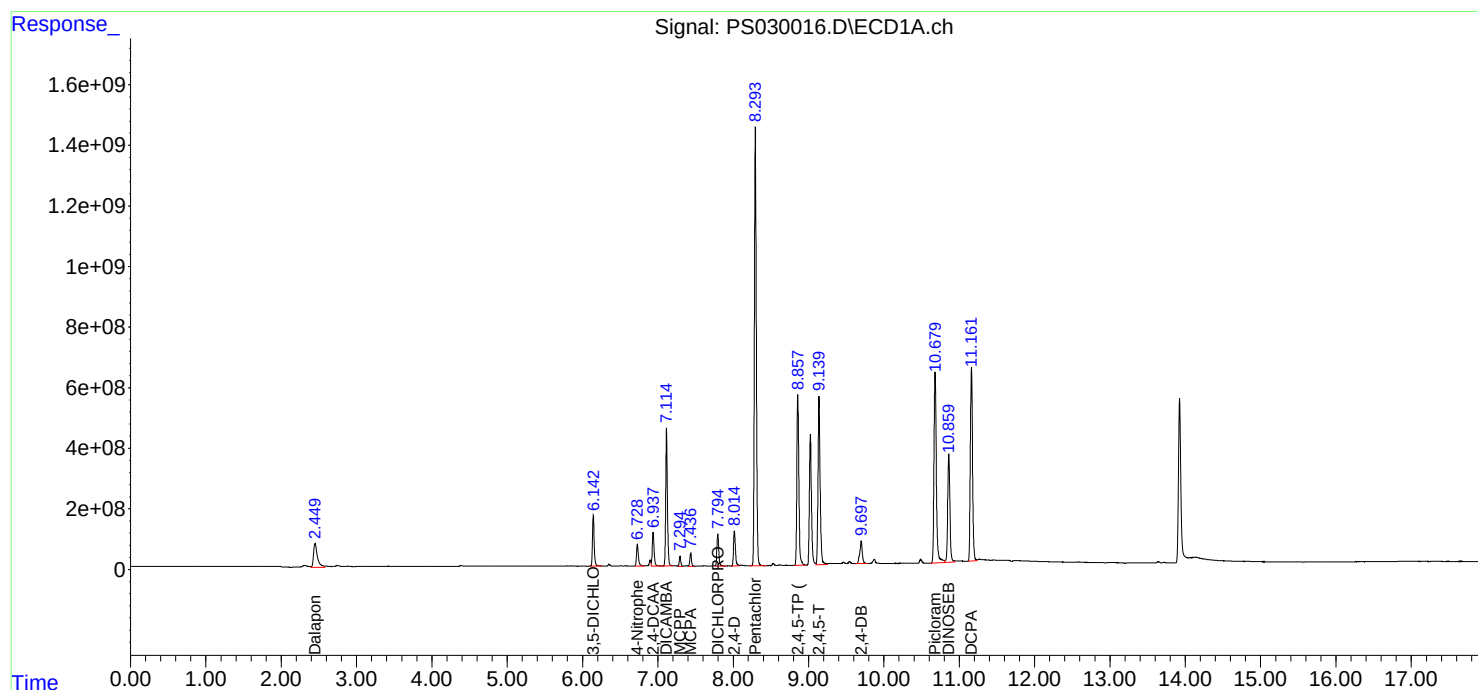
Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

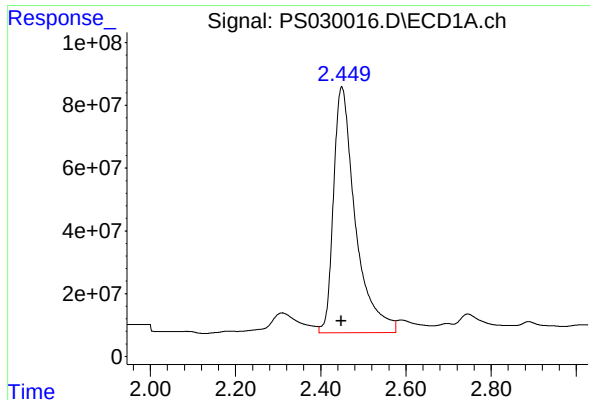
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Quant Title : 8080.M
QLast Update : Wed Apr 23 12:57:40 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 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





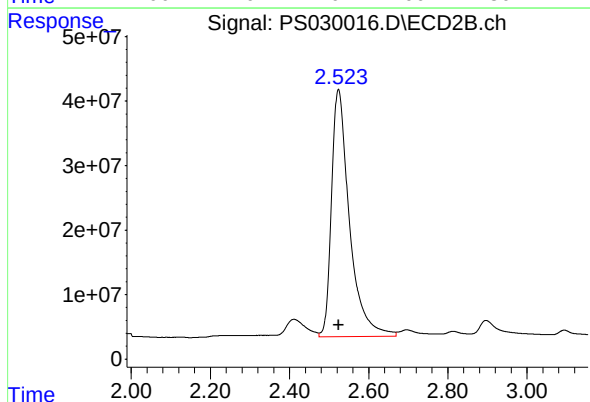
#1 Dalapon

R.T.: 2.449 min
Delta R.T.: 0.001 min
Response: 2798074434
Conc: 683.25 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

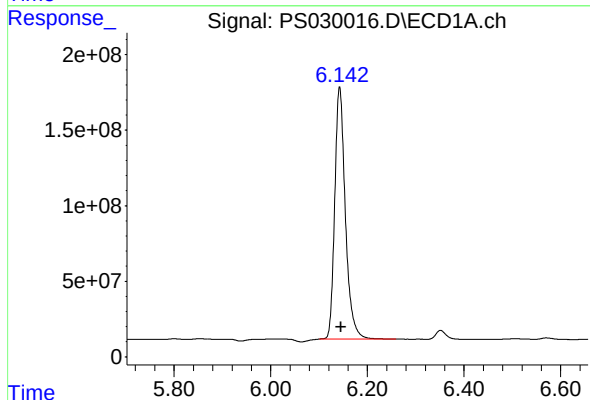
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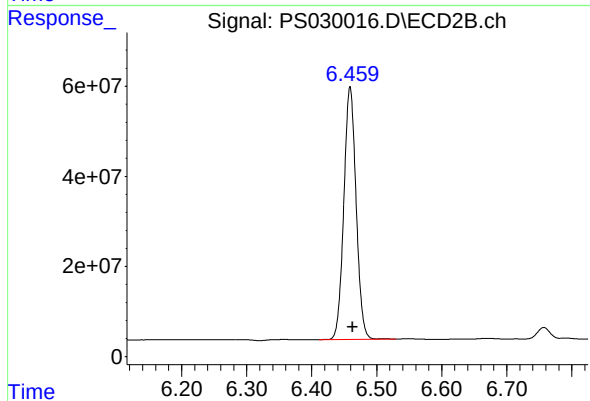
#1 Dalapon

R.T.: 2.523 min
Delta R.T.: 0.000 min
Response: 1209506191
Conc: 696.66 ng/ml



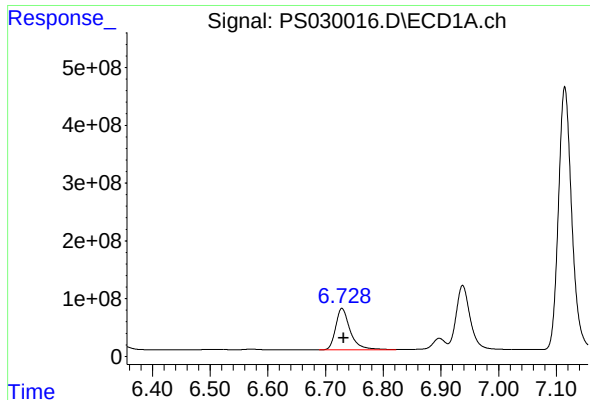
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.143 min
Delta R.T.: -0.003 min
Response: 2544656484
Conc: 712.03 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.459 min
Delta R.T.: -0.004 min
Response: 733875039
Conc: 750.71 ng/ml



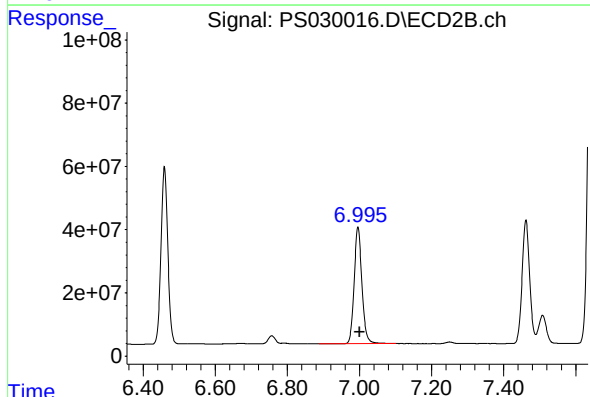
#3 4-Nitrophenol

R.T.: 6.728 min
Delta R.T.: -0.003 min
Response: 1257541620
Conc: 705.17 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

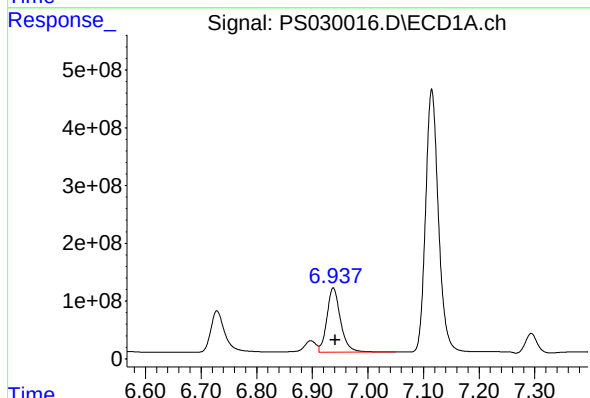
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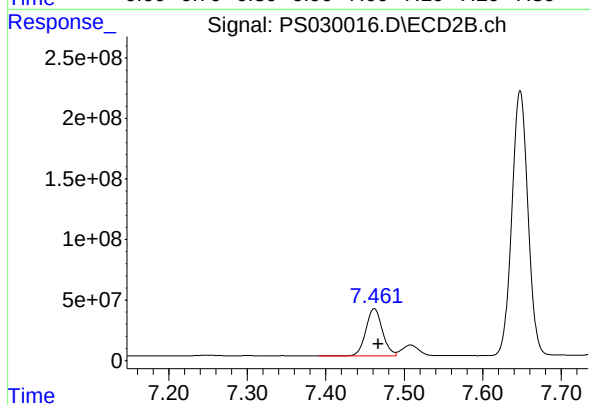
#3 4-Nitrophenol

R.T.: 6.996 min
Delta R.T.: -0.005 min
Response: 552176387
Conc: 720.93 ng/ml



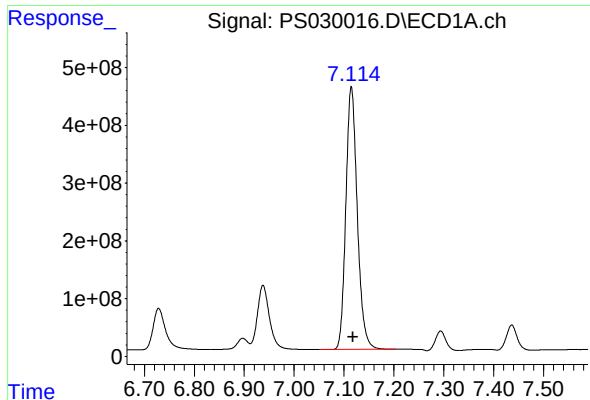
#4 2,4-DCAA

R.T.: 6.938 min
Delta R.T.: -0.004 min
Response: 1884613932
Conc: 765.77 ng/ml



#4 2,4-DCAA

R.T.: 7.462 min
Delta R.T.: -0.005 min
Response: 575439313
Conc: 816.79 ng/ml



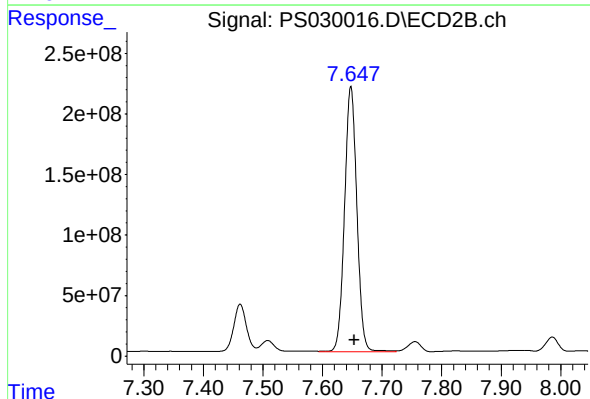
#5 DICAMBA

R.T.: 7.115 min
Delta R.T.: -0.003 min
Response: 7244628718
Conc: 731.57 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

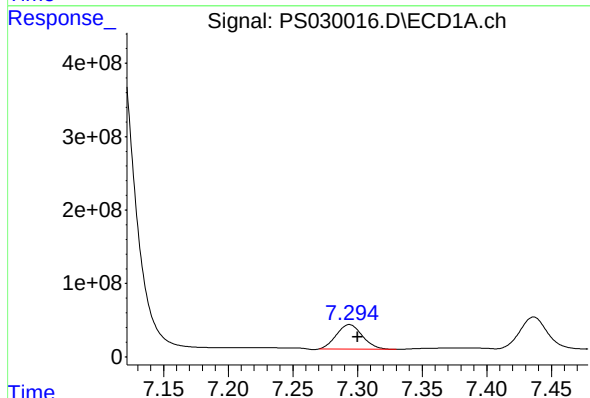
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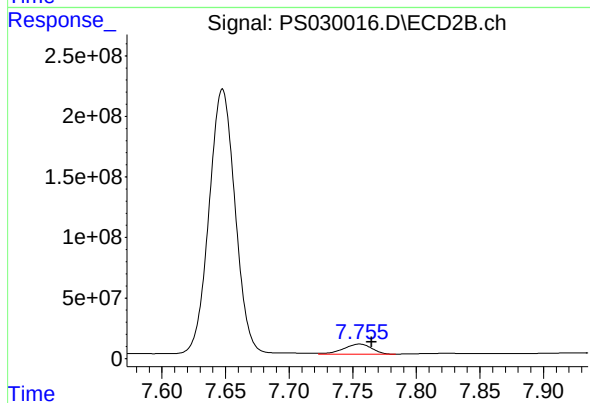
#5 DICAMBA

R.T.: 7.648 min
Delta R.T.: -0.006 min
Response: 3144828216
Conc: 796.15 ng/ml



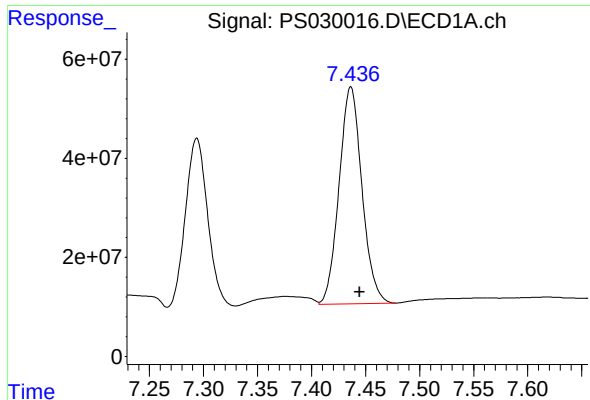
#6 MCPP

R.T.: 7.294 min
Delta R.T.: -0.006 min
Response: 469831489
Conc: 72.91 ug/ml



#6 MCPP

R.T.: 7.755 min
Delta R.T.: -0.010 min
Response: 128968282
Conc: 73.74 ug/ml



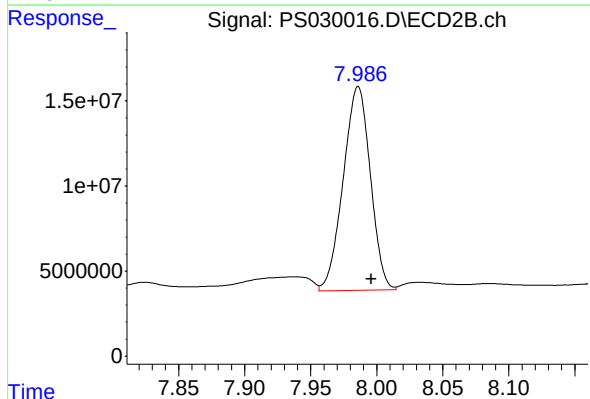
#7 MCPA

R.T.: 7.436 min
Delta R.T.: -0.008 min
Response: 645840618
Conc: 73.13 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

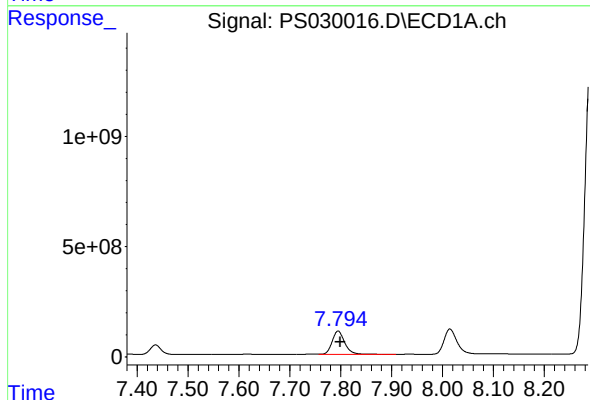
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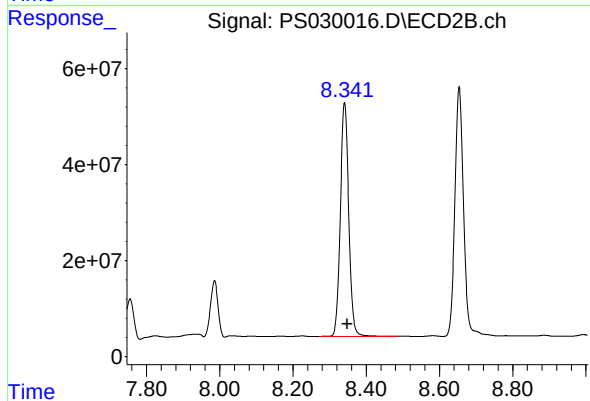
#7 MCPA

R.T.: 7.986 min
Delta R.T.: -0.010 min
Response: 171619066
Conc: 72.54 ug/ml



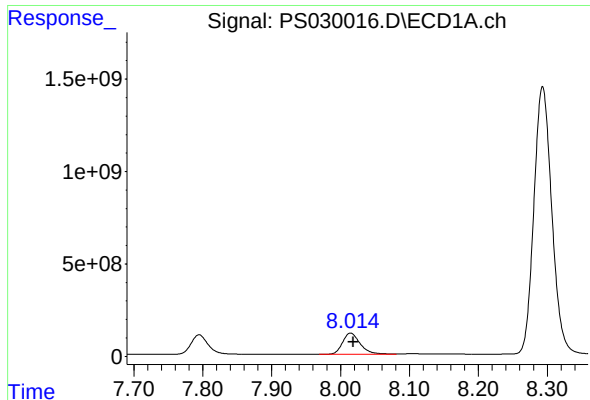
#8 DICHLORPROP

R.T.: 7.795 min
Delta R.T.: -0.004 min
Response: 1809664833
Conc: 714.12 ng/ml



#8 DICHLORPROP

R.T.: 8.341 min
Delta R.T.: -0.007 min
Response: 774549366
Conc: 771.49 ng/ml



#9 2,4-D

R.T.: 8.014 min
Delta R.T.: -0.004 min
Response: 2042021191
Conc: 725.96 ng/ml

Instrument :

ECD_S

ClientSampleId :

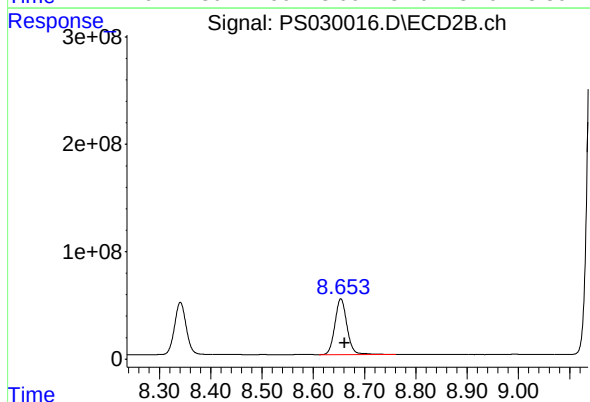
HSTDCCC750

Manual Integrations

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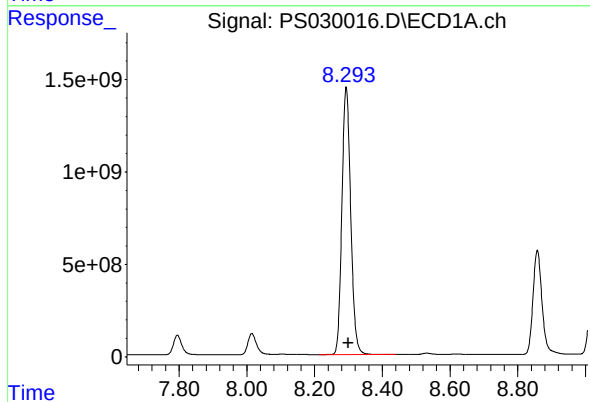
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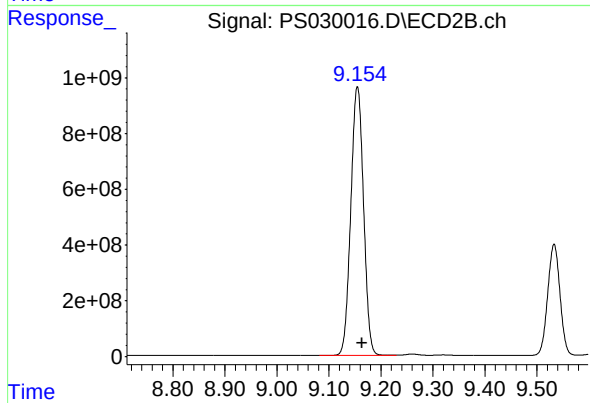
#9 2,4-D

R.T.: 8.654 min
Delta R.T.: -0.007 min
Response: 854197073
Conc: 757.87 ng/ml



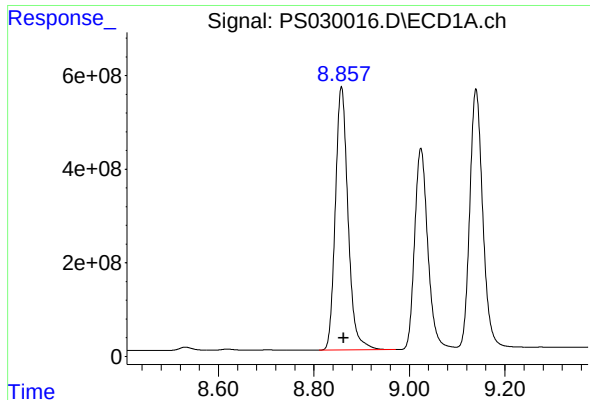
#10 Pentachlorophenol

R.T.: 8.293 min
Delta R.T.: -0.006 min
Response: 26148171863
Conc: 749.55 ng/ml



#10 Pentachlorophenol

R.T.: 9.155 min
Delta R.T.: -0.009 min
Response: 16409812223
Conc: 806.58 ng/ml



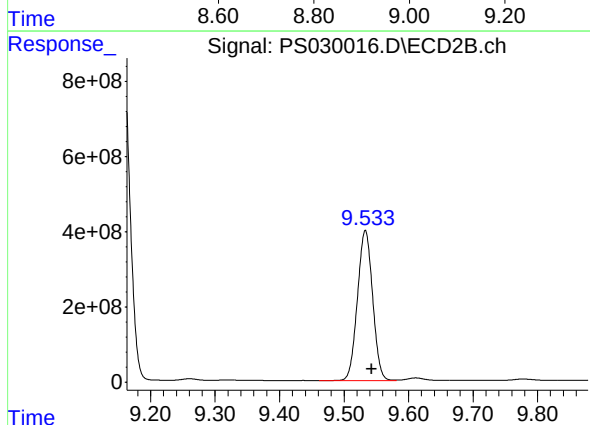
#11 2,4,5-TP (SILVEX)

R.T.: 8.858 min
Delta R.T.: -0.004 min
Response: 10392876642
Conc: 749.69 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

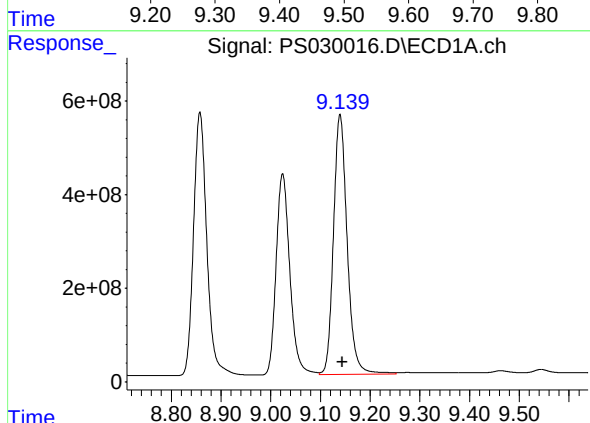
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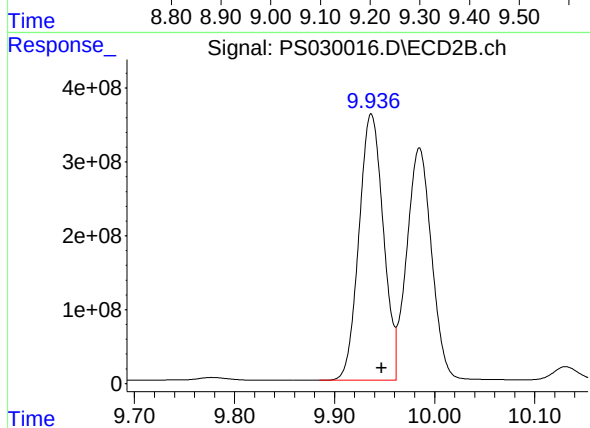
#11 2,4,5-TP (SILVEX)

R.T.: 9.533 min
Delta R.T.: -0.010 min
Response: 6513919285
Conc: 796.15 ng/ml



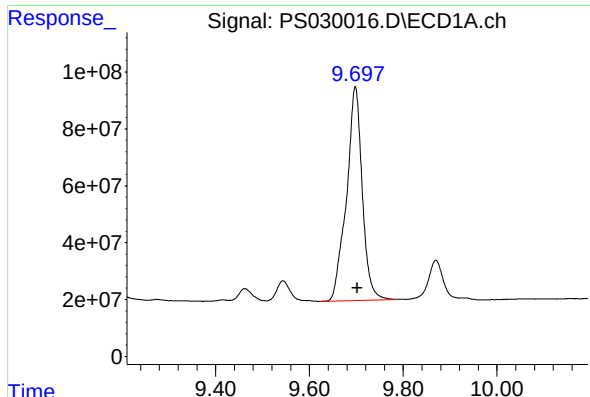
#12 2,4,5-T

R.T.: 9.139 min
Delta R.T.: -0.005 min
Response: 10599227676
Conc: 754.23 ng/ml



#12 2,4,5-T

R.T.: 9.937 min
Delta R.T.: -0.010 min
Response: 6089857207
Conc: 784.51 ng/ml



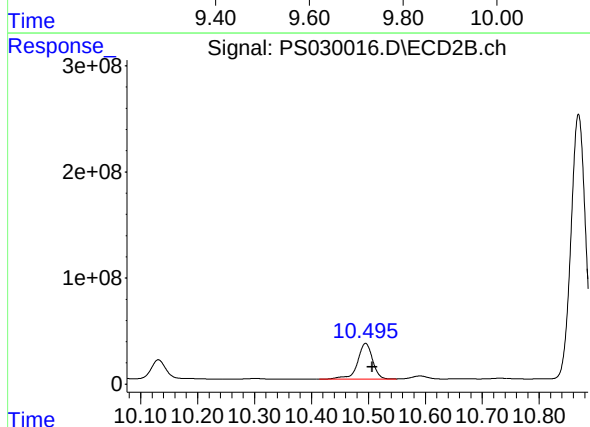
#13 2,4-DB

R.T.: 9.698 min
Delta R.T.: -0.004 min
Response: 1756348858
Conc: 768.52 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

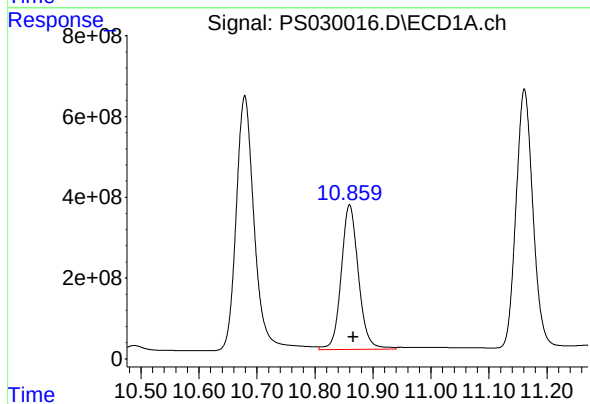
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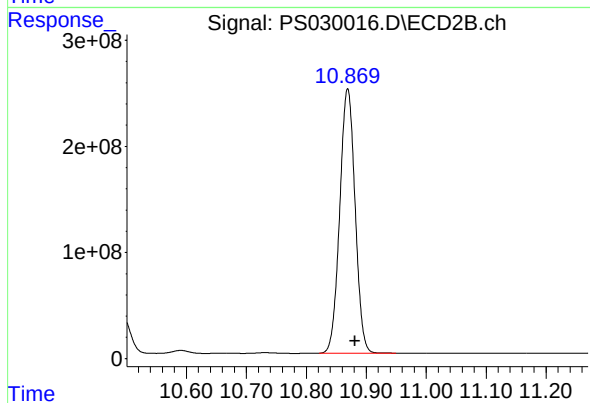
#13 2,4-DB

R.T.: 10.495 min
Delta R.T.: -0.011 min
Response: 619221462
Conc: 769.37 ng/ml



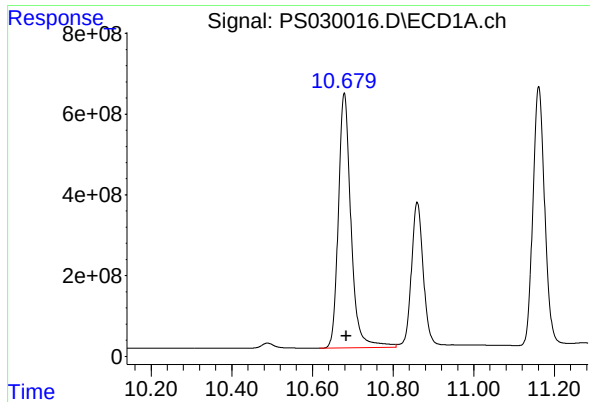
#14 DINOSEB

R.T.: 10.860 min
Delta R.T.: -0.006 min
Response: 7372763225
Conc: 724.71 ng/ml



#14 DINOSEB

R.T.: 10.869 min
Delta R.T.: -0.012 min
Response: 4425346841
Conc: 758.94 ng/ml



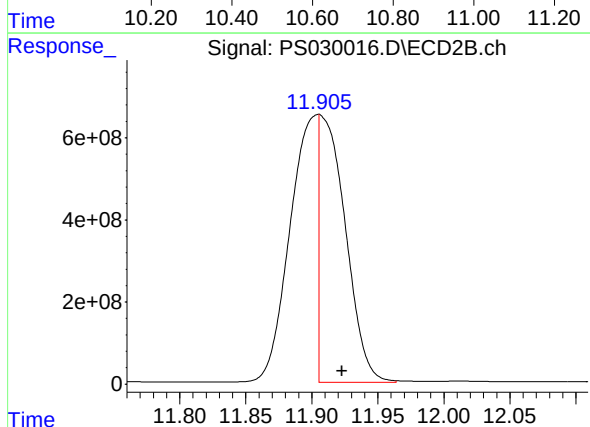
#15 Picloram

R.T.: 10.679 min
Delta R.T.: -0.005 min
Response: 13694525497
Conc: 747.08 ng/ml

Instrument :
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ClientSampleId :
HSTDCCC750

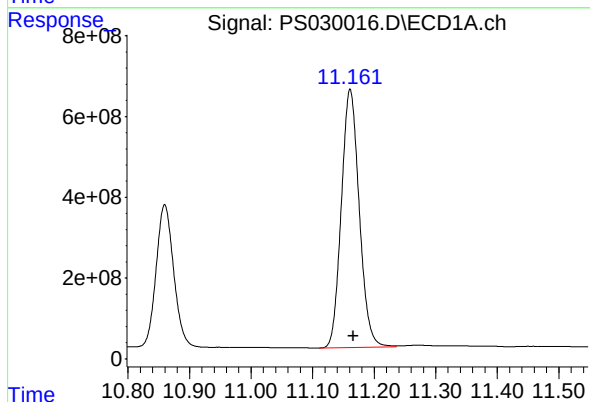
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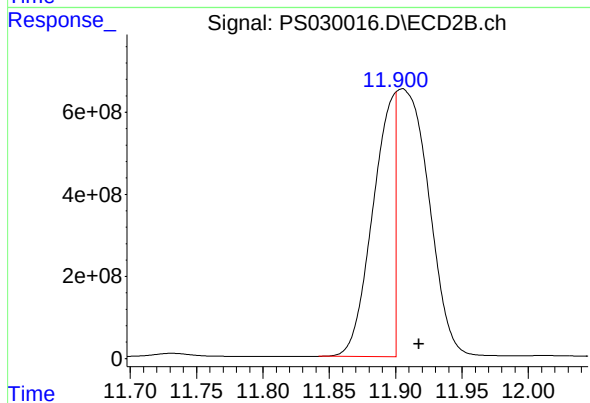
#15 Picloram

R.T.: 11.905 min
Delta R.T.: -0.018 min
Response: 8880378028
Conc: 722.94 ng/ml m



#16 DCPA

R.T.: 11.161 min
Delta R.T.: -0.005 min
Response: 12916607287
Conc: 758.86 ng/ml



#16 DCPA

R.T.: 11.900 min
Delta R.T.: -0.018 min
Response: 7671890624
Conc: 680.64 ng/ml m