

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS051925\
 Data File : PS030276.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 May 2025 16:37
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 05/20/2025
 Supervised By :mohammad ahmed 05/21/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 20 02:08:53 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
 Quant Title : 8080.M
 QLast Update : Mon May 12 14:29:24 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	6.932	7.451	2167.6E6	601.5E6	761.131	751.735
Target Compounds							
1) T	Dalapon	2.446	2.519	3426.0E6	1387.6E6	697.008	683.185
2) T	3,5-DICHL...	6.137	6.451	2951.1E6	778.7E6	707.616	667.959
3) T	4-Nitroph...	6.722	6.986	1463.7E6	645.1E6	708.580	617.861
5) T	DICAMBA	7.108	7.636	8368.8E6	3447.4E6	724.114	729.140
6) T	MCPD	7.288	7.745	565.9E6	130.2E6	77.706	70.790
7) T	MCPA	7.430	7.974	746.7E6	176.4E6	71.933	66.871
8) T	DICHLORPROP	7.788	8.329	2083.4E6	829.5E6	713.172	702.133
9) T	2,4-D	8.008	8.641	2369.5E6	930.1E6	722.645	720.726
10) T	Pentachlo...	8.285	9.140	30076.2E6	18477.5E6	742.608	748.534
11) T	2,4,5-TP ...	8.849	9.518	11891.9E6	7293.0E6	734.248	740.374
12) T	2,4,5-T	9.130	9.922	12221.9E6	6769.8E6	740.038	735.563
13) T	2,4-DB	9.688	10.481	2068.7E6	667.4E6	792.673	672.495
14) T	DINOSEB	10.849	10.854	8211.7E6	4973.2E6	718.032	727.930
15) T	Picloram	10.669	11.890	15956.0E6	9866.3E6	746.064	701.072m
16) T	DCPA	11.151	11.889	14640.5E6	10743.4E6	735.277	795.190m

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

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Acq On : 19 May 2025 16:37
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

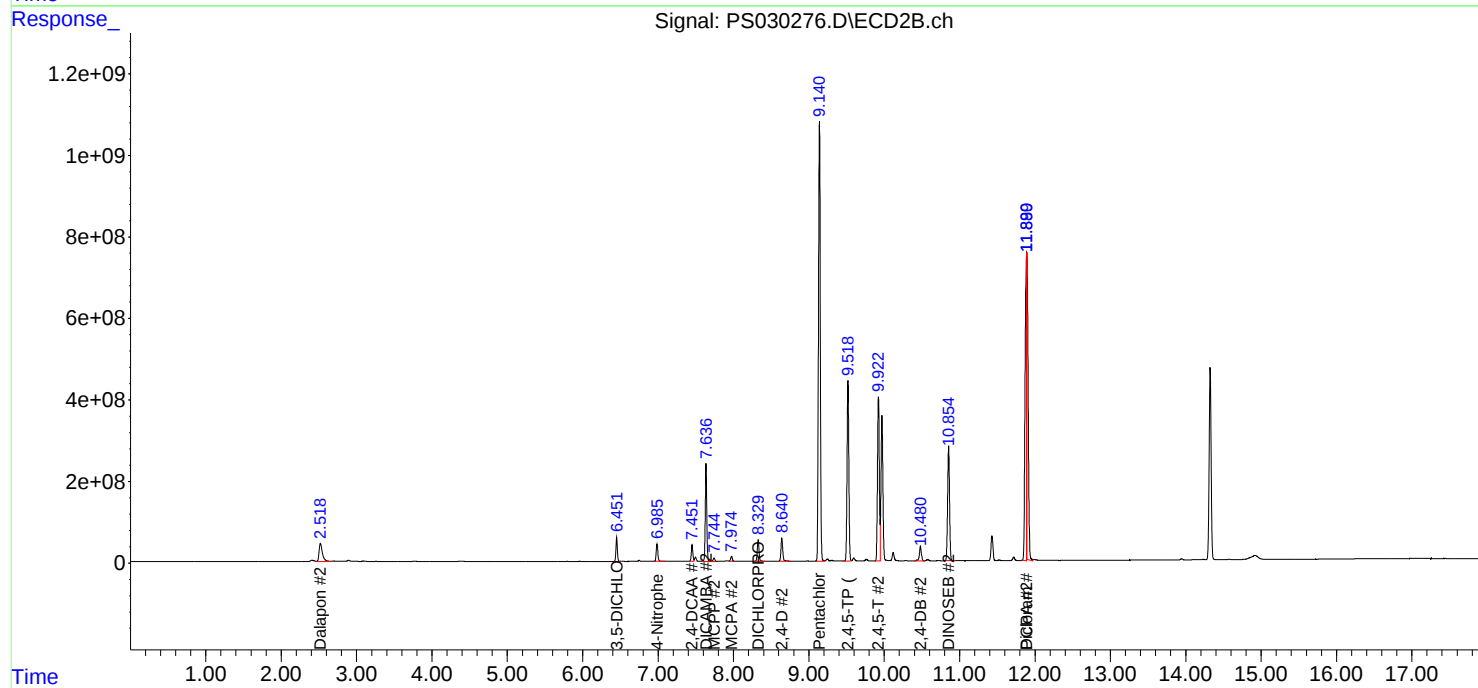
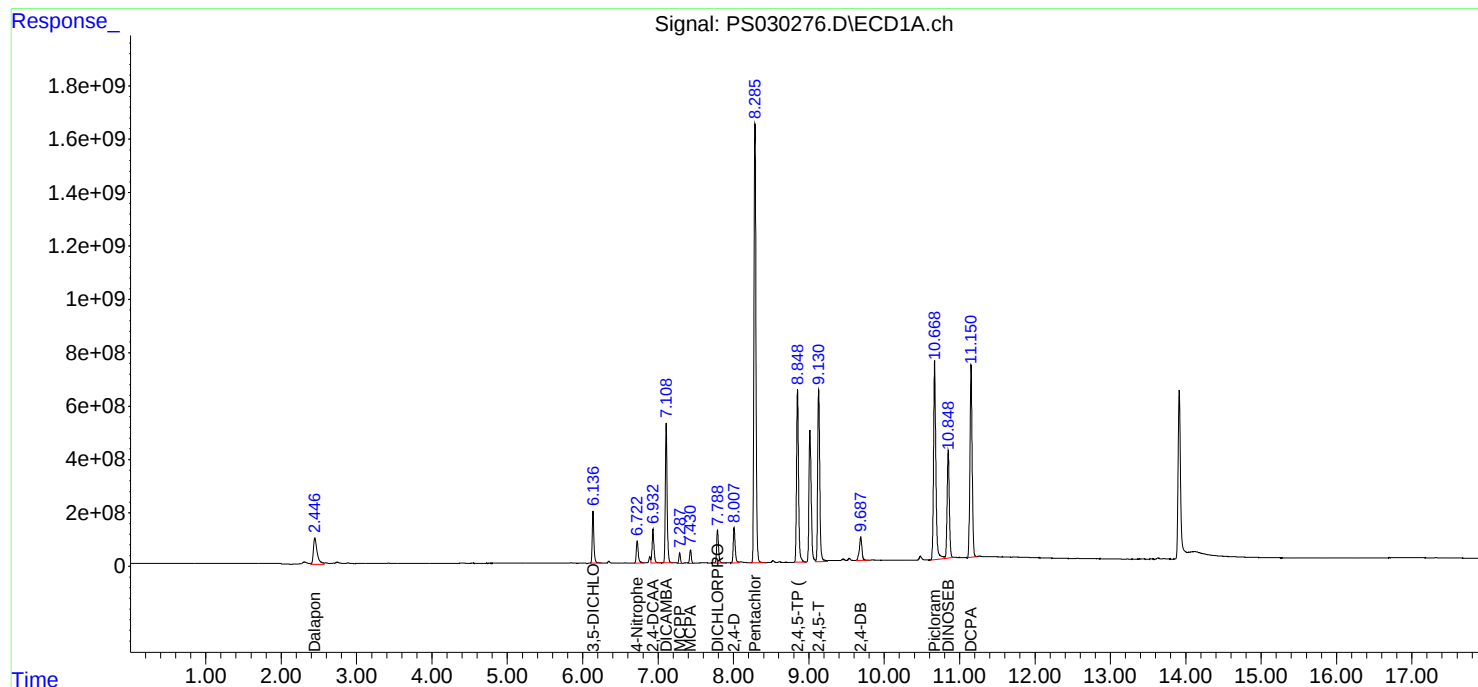
Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

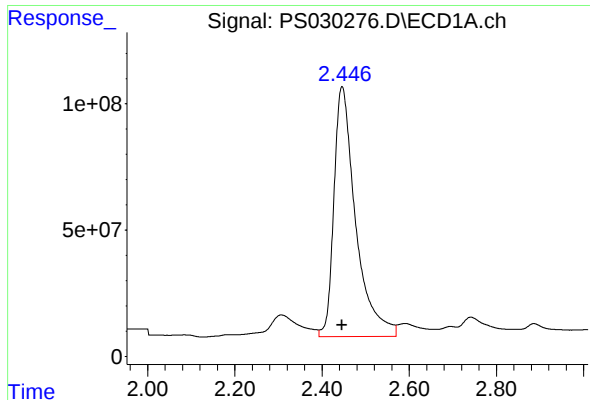
Manual Integrations
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Supervised By : mohammad ahmed 05/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 20 02:08:53 2025
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QLast Update : Mon May 12 14:29:24 2025
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Signal #1 Info : 30M x 0.32mm x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





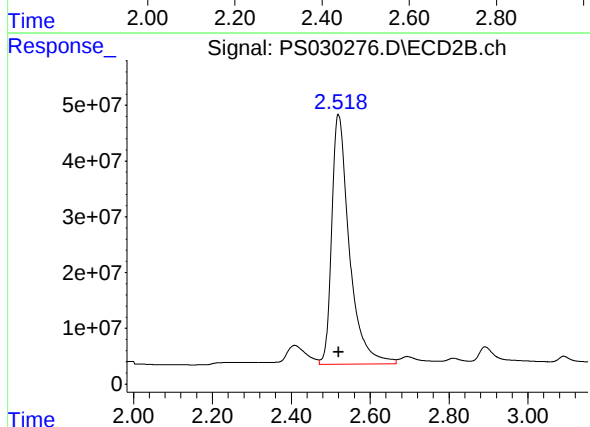
#1 Dalapon

R.T.: 2.446 min
Delta R.T.: 0.000 min
Response: 3426047191
Conc: 697.01 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

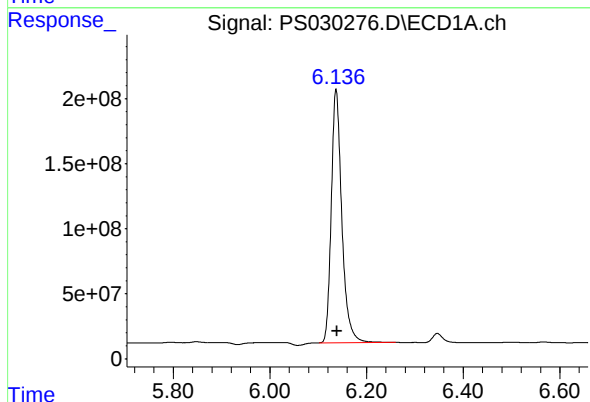
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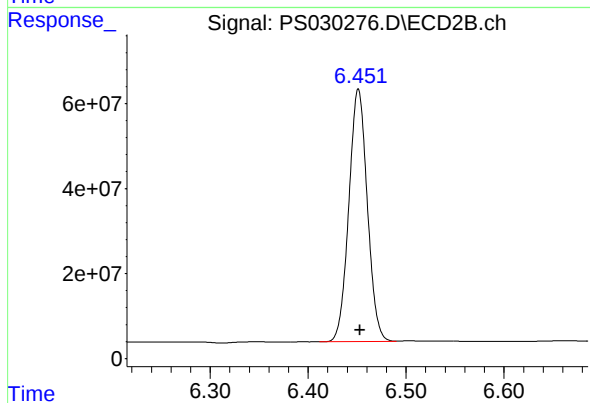
#1 Dalapon

R.T.: 2.519 min
Delta R.T.: 0.000 min
Response: 1387583085
Conc: 683.19 ng/ml



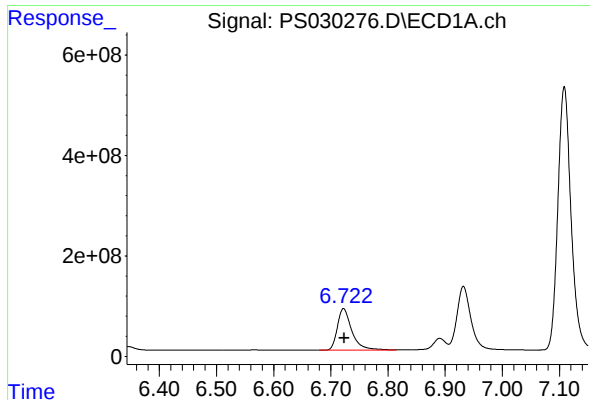
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.137 min
Delta R.T.: -0.002 min
Response: 2951147405
Conc: 707.62 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.451 min
Delta R.T.: -0.002 min
Response: 778726351
Conc: 667.96 ng/ml



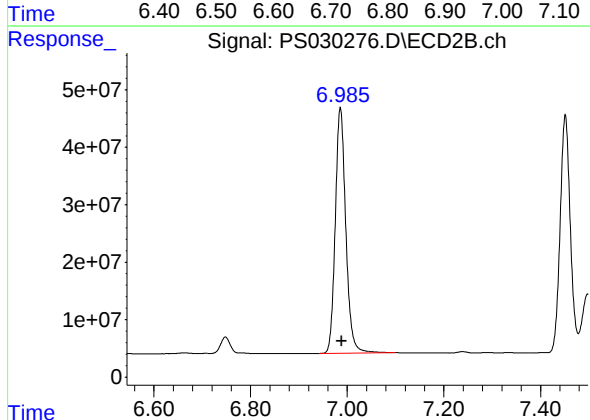
#3 4-Nitrophenol

R.T.: 6.722 min
Delta R.T.: -0.001 min
Response: 1463652428
Conc: 708.58 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

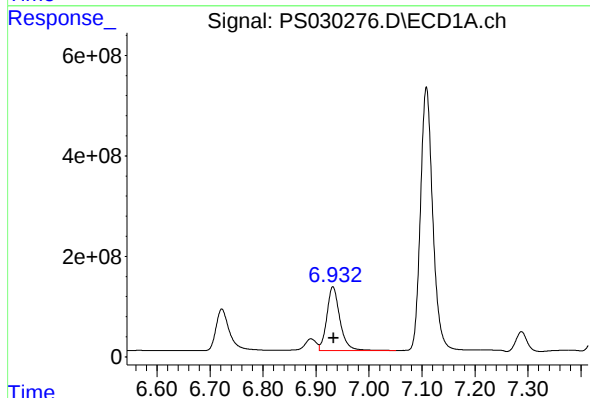
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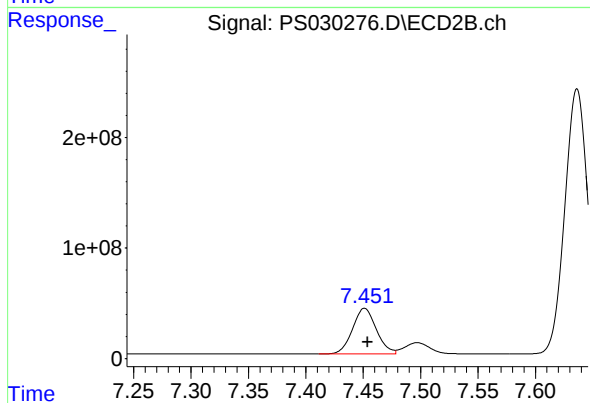
#3 4-Nitrophenol

R.T.: 6.986 min
Delta R.T.: -0.003 min
Response: 645067004
Conc: 617.86 ng/ml



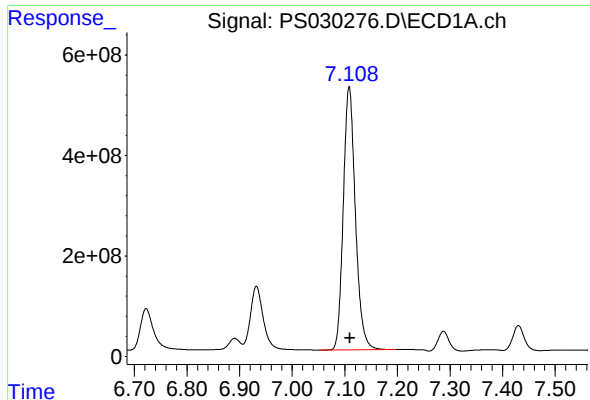
#4 2,4-DCAA

R.T.: 6.932 min
Delta R.T.: -0.002 min
Response: 2167556369
Conc: 761.13 ng/ml



#4 2,4-DCAA

R.T.: 7.451 min
Delta R.T.: -0.003 min
Response: 601540888
Conc: 751.73 ng/ml



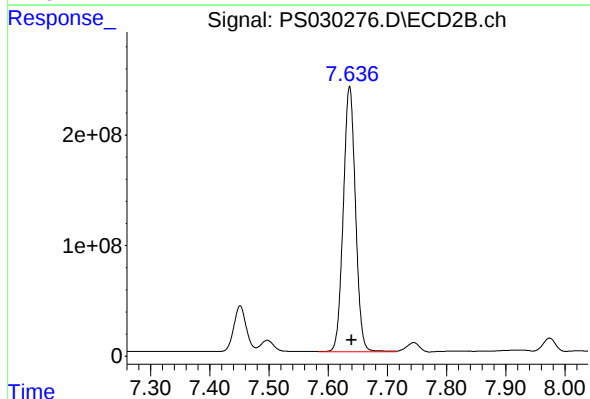
#5 DICAMBA

R.T.: 7.108 min
Delta R.T.: -0.002 min
Response: 8368843425
Conc: 724.11 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

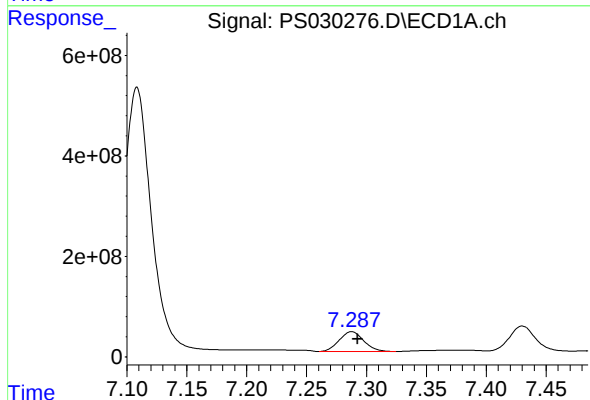
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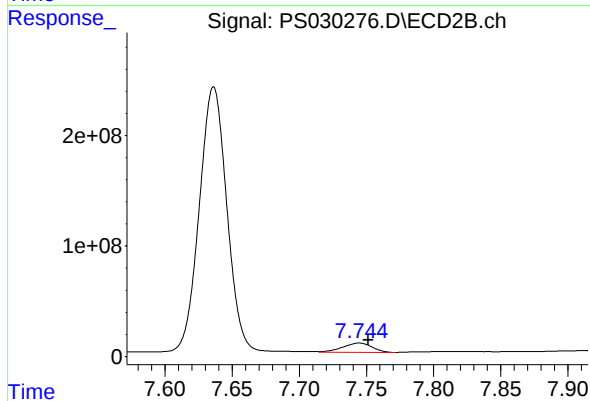
#5 DICAMBA

R.T.: 7.636 min
Delta R.T.: -0.004 min
Response: 3447355281
Conc: 729.14 ng/ml



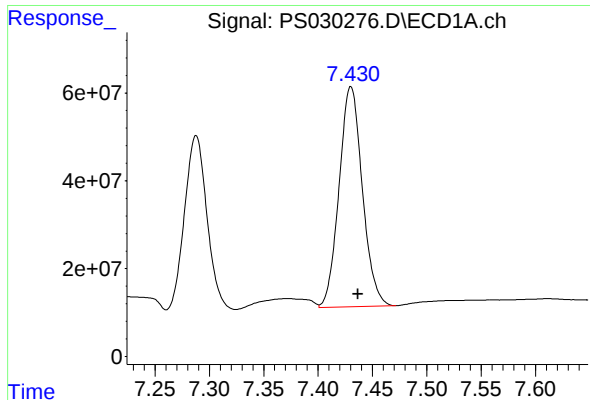
#6 MCPP

R.T.: 7.288 min
Delta R.T.: -0.005 min
Response: 565909381
Conc: 77.71 ug/ml



#6 MCPP

R.T.: 7.745 min
Delta R.T.: -0.007 min
Response: 130237115
Conc: 70.79 ug/ml



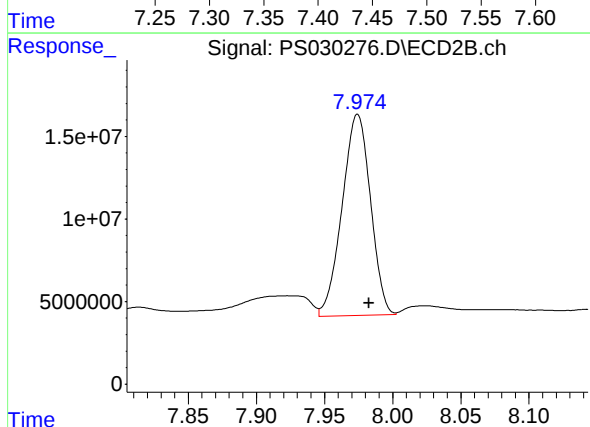
#7 MCPA

R.T.: 7.430 min
Delta R.T.: -0.007 min
Response: 746724965
Conc: 71.93 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

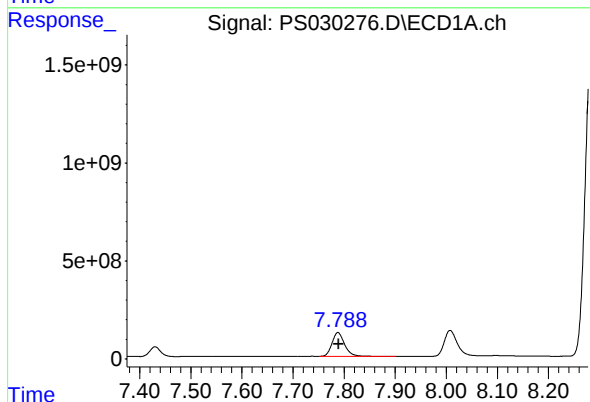
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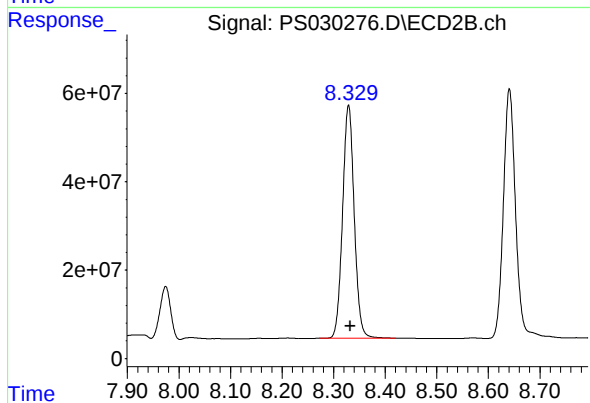
#7 MCPA

R.T.: 7.974 min
Delta R.T.: -0.008 min
Response: 176383651
Conc: 66.87 ug/ml



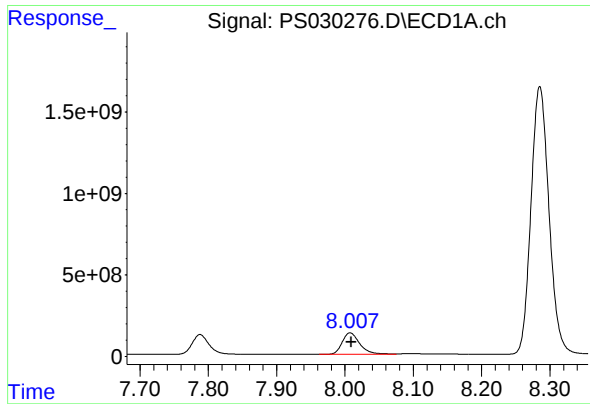
#8 DICHLORPROP

R.T.: 7.788 min
Delta R.T.: -0.001 min
Response: 2083421425
Conc: 713.17 ng/ml



#8 DICHLORPROP

R.T.: 8.329 min
Delta R.T.: -0.004 min
Response: 829523158
Conc: 702.13 ng/ml



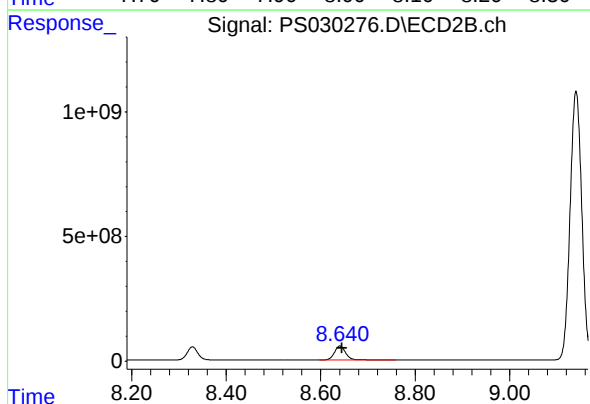
#9 2,4-D

R.T.: 8.008 min
Delta R.T.: -0.002 min
Response: 2369507203
Conc: 722.65 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

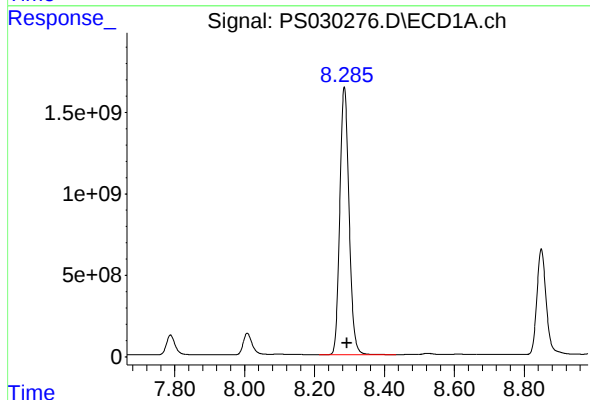
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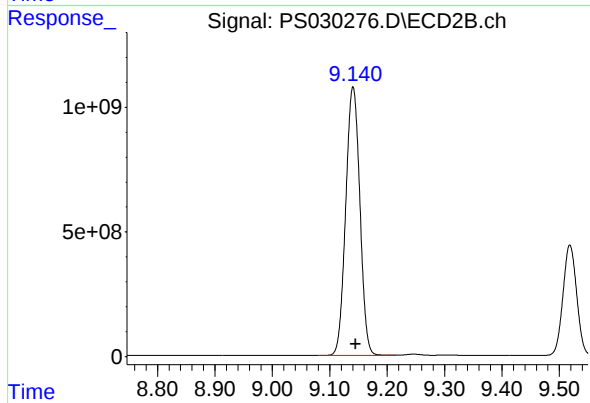
#9 2,4-D

R.T.: 8.641 min
Delta R.T.: -0.004 min
Response: 930097464
Conc: 720.73 ng/ml



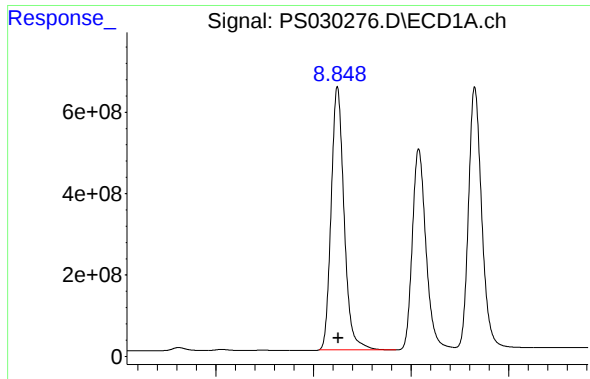
#10 Pentachlorophenol

R.T.: 8.285 min
Delta R.T.: -0.008 min
Response: 30076207820
Conc: 742.61 ng/ml



#10 Pentachlorophenol

R.T.: 9.140 min
Delta R.T.: -0.005 min
Response: 18477525926
Conc: 748.53 ng/ml



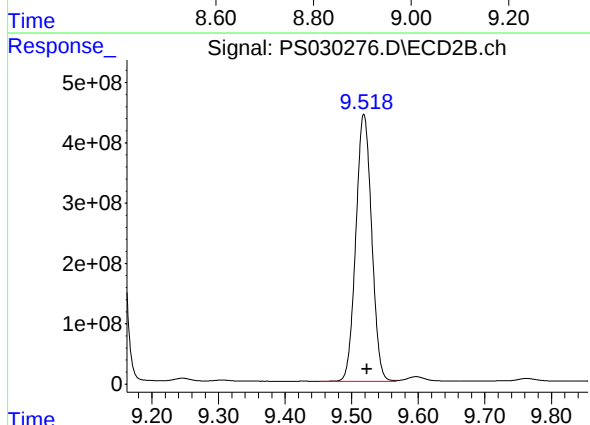
#11 2,4,5-TP (SILVEX)

R.T.: 8.849 min
Delta R.T.: -0.002 min
Response: 11891871713
Conc: 734.25 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

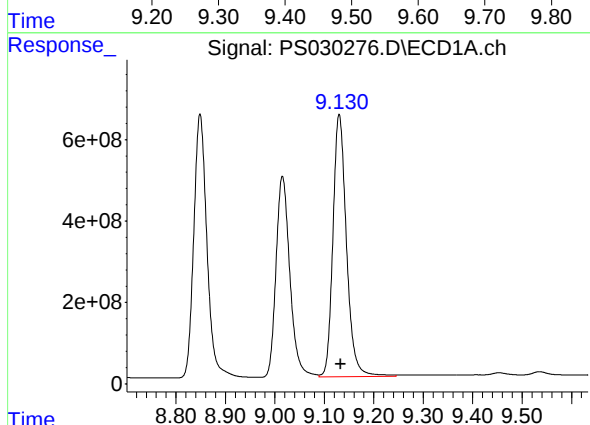
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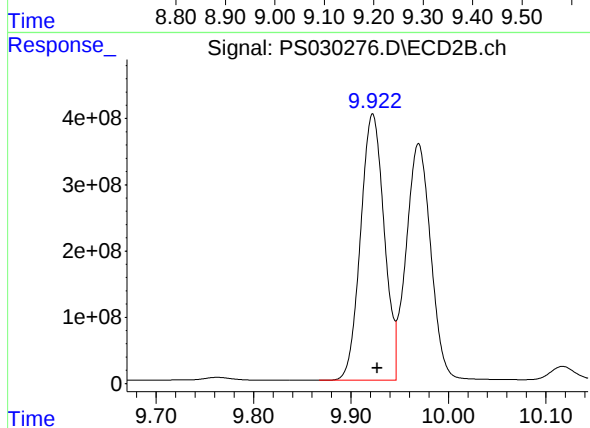
#11 2,4,5-TP (SILVEX)

R.T.: 9.518 min
Delta R.T.: -0.005 min
Response: 7293006309
Conc: 740.37 ng/ml



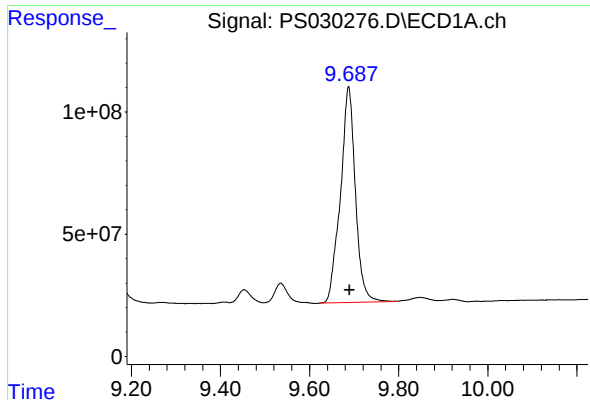
#12 2,4,5-T

R.T.: 9.130 min
Delta R.T.: -0.003 min
Response: 12221874811
Conc: 740.04 ng/ml



#12 2,4,5-T

R.T.: 9.922 min
Delta R.T.: -0.005 min
Response: 6769835625
Conc: 735.56 ng/ml



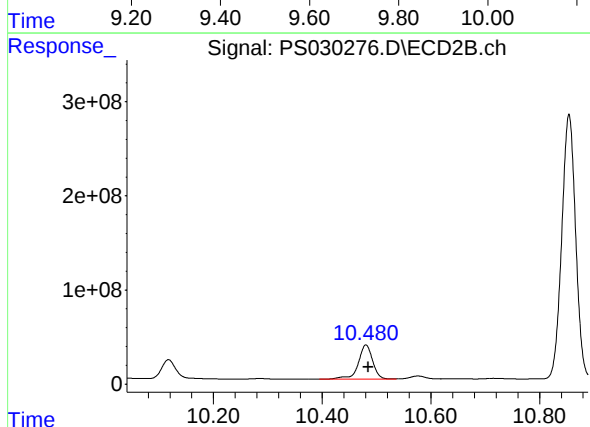
#13 2,4-DB

R.T.: 9.688 min
Delta R.T.: -0.003 min
Response: 2068697217
Conc: 792.67 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

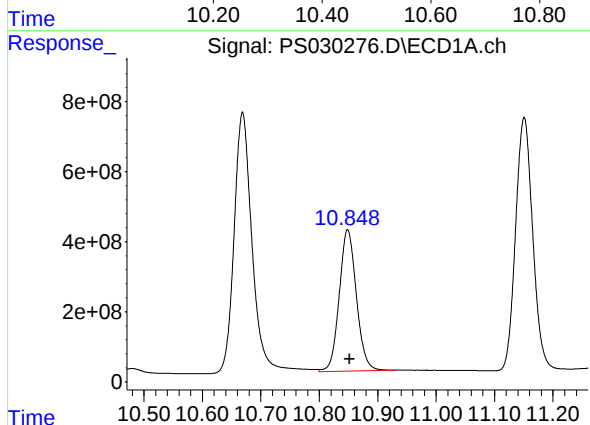
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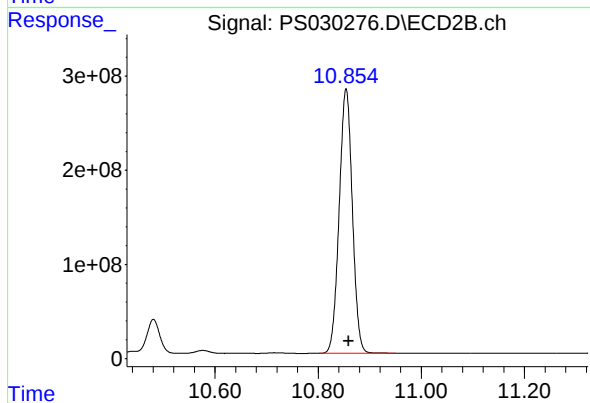
#13 2,4-DB

R.T.: 10.481 min
Delta R.T.: -0.005 min
Response: 667365165
Conc: 672.49 ng/ml



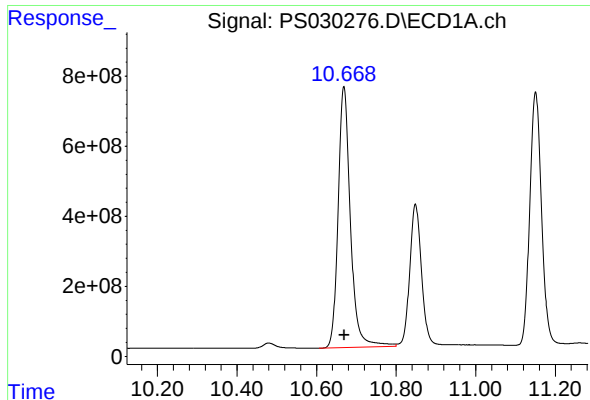
#14 DINOSEB

R.T.: 10.849 min
Delta R.T.: -0.003 min
Response: 8211671154
Conc: 718.03 ng/ml



#14 DINOSEB

R.T.: 10.854 min
Delta R.T.: -0.005 min
Response: 4973206066
Conc: 727.93 ng/ml



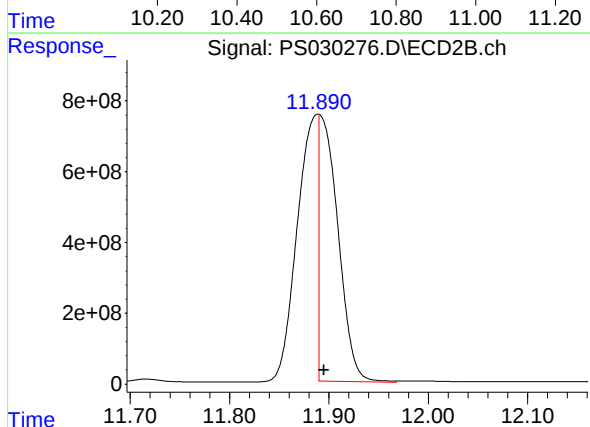
#15 Picloram

R.T.: 10.669 min
Delta R.T.: -0.001 min
Response: 15956045268
Conc: 746.06 ng/ml

Instrument :
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ClientSampleId :
HSTDCCC750

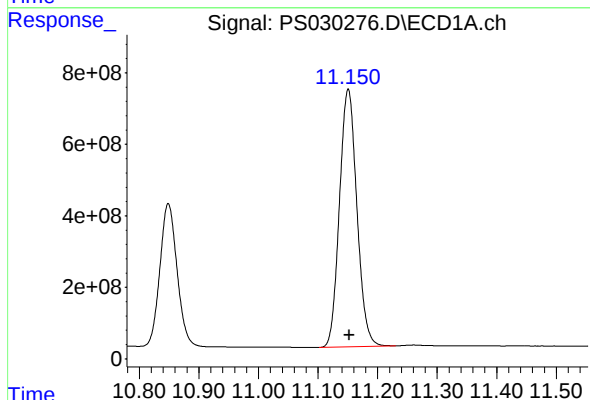
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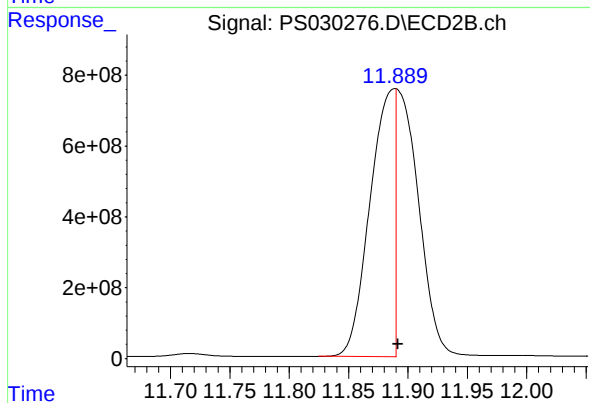
#15 Picloram

R.T.: 11.890 min
Delta R.T.: -0.005 min
Response: 9866273366
Conc: 701.07 ng/ml m



#16 DCPA

R.T.: 11.151 min
Delta R.T.: -0.002 min
Response: 14640458252
Conc: 735.28 ng/ml



#16 DCPA

R.T.: 11.889 min
Delta R.T.: -0.002 min
Response: 10743432599
Conc: 795.19 ng/ml m