

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS051425\
 Data File : PS030180.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 May 2025 13:53
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/15/2025
 Supervised By : mohammad ahmed 05/20/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 14 14:09:06 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 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	6.933	7.453	2021.7E6	574.5E6	709.917	717.915
Target Compounds							
1) T	Dalapon	2.446	2.520	3014.5E6	1267.2E6	613.272	623.934
2) T	3,5-DICHL...	6.138	6.453	2749.3E6	750.1E6	659.207	643.373
3) T	4-Nitroph...	6.724	6.988	1357.9E6	620.3E6	657.402	594.112
5) T	DICAMBA	7.109	7.638	7795.4E6	3244.7E6	674.496	686.281
6) T	MCPD	7.288	7.746	532.4E6	126.5E6	73.105	68.764
7) T	MCPA	7.431	7.976	703.4E6	175.7E6	67.758	66.616
8) T	DICHLORPROP	7.789	8.331	1939.5E6	781.6E6	663.917	661.566
9) T	2,4-D	8.009	8.643	2183.7E6	880.4E6	665.967	682.247
10) T	Pentachlo...	8.286	9.143	28004.1E6	17238.3E6	691.446	698.332
11) T	2,4,5-TP ...	8.850	9.521	11038.2E6	6807.3E6	681.538	691.063
12) T	2,4,5-T	9.132	9.925	11289.0E6	6311.5E6	683.553	685.763
13) T	2,4-DB	9.690	10.483	1852.0E6	642.6E6	709.646	647.543
14) T	DINOSEB	10.850	10.856	7638.5E6	4582.9E6	667.914	670.798
15) T	Picloram	10.671	11.891	13966.2E6	10072.1E6	653.025	715.695m
16) T	DCPA	11.151	11.891	13689.7E6	9686.1E6	687.528	716.931m

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

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Acq On : 14 May 2025 13:53
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

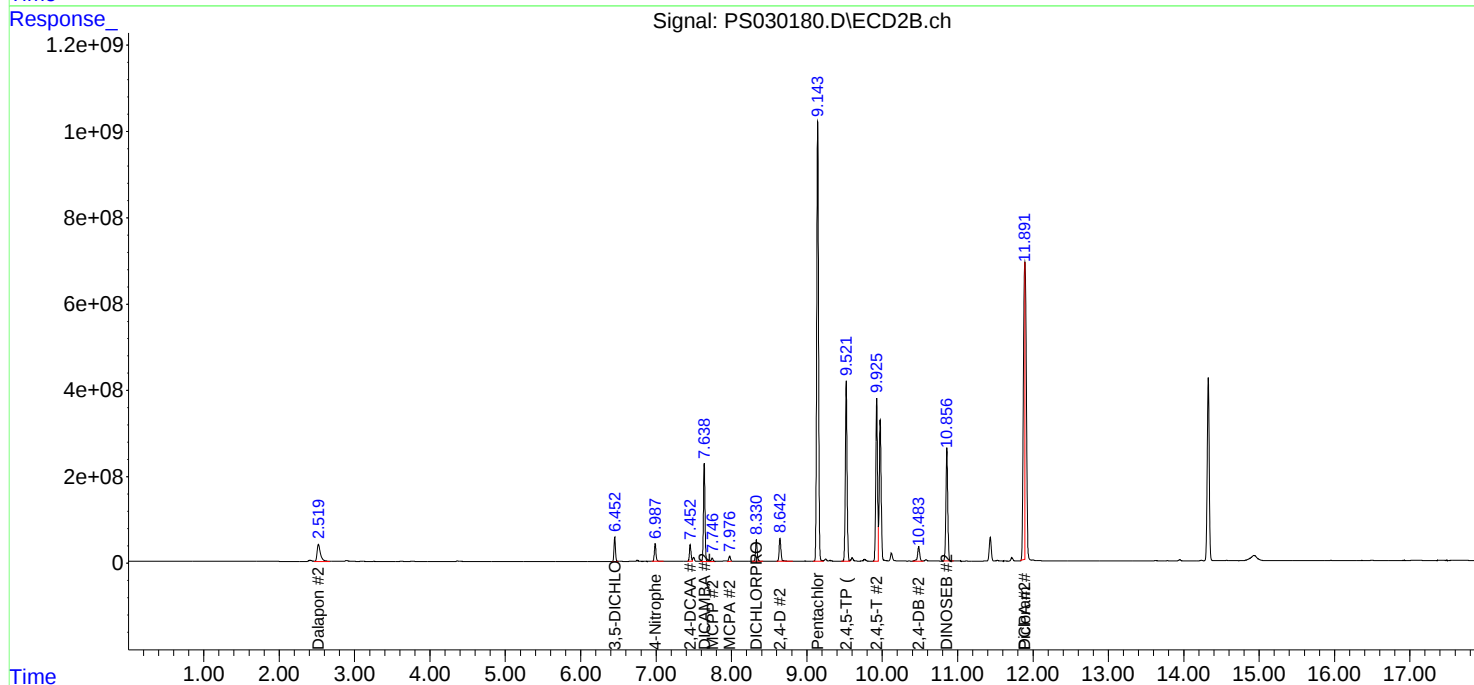
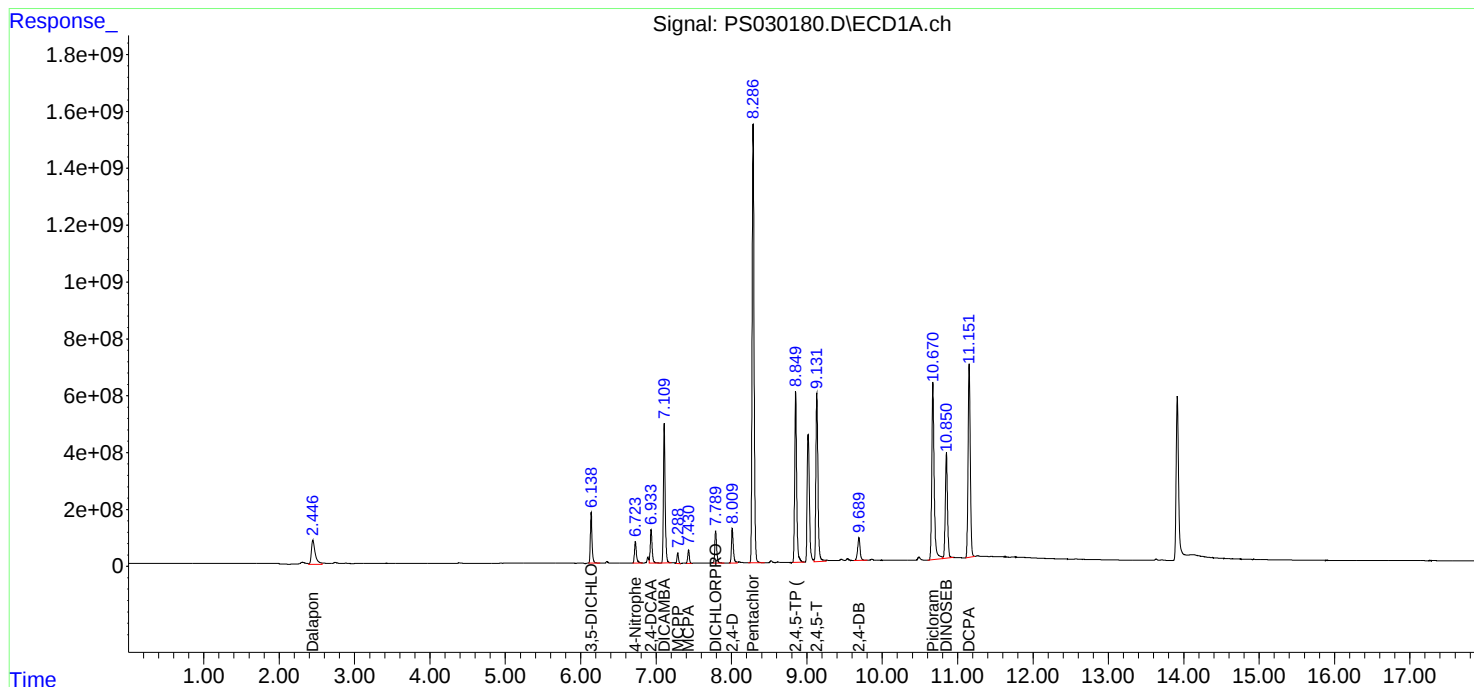
Instrument :
ECD_S
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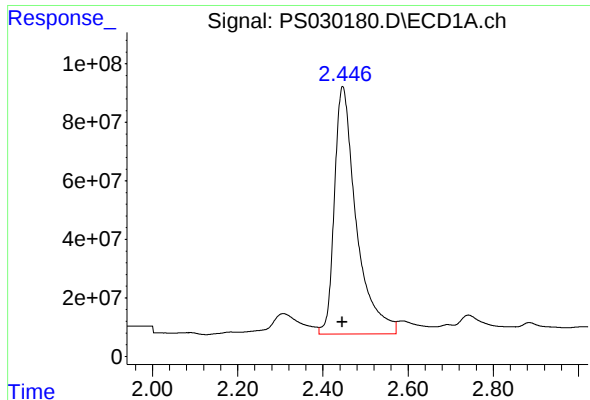
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
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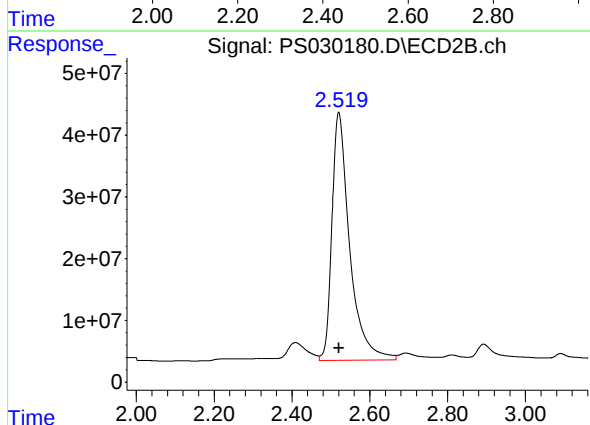
#1 Dalapon

R.T.: 2.446 min
Delta R.T.: 0.000 min
Response: 3014453255
Conc: 613.27 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

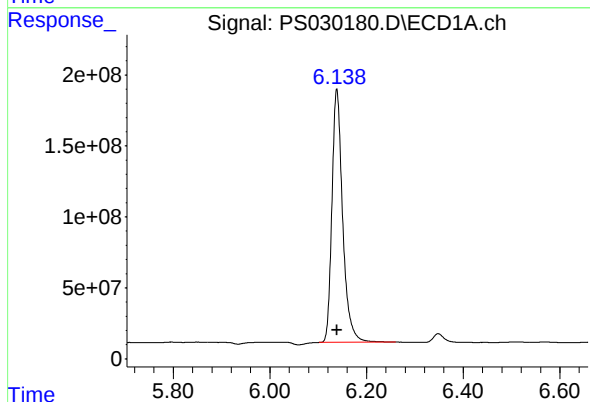
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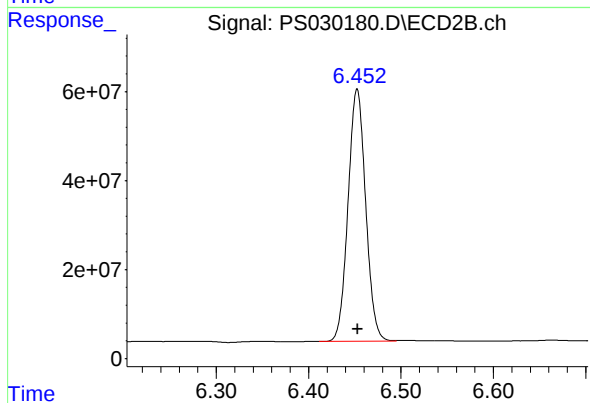
#1 Dalapon

R.T.: 2.520 min
Delta R.T.: 0.000 min
Response: 1267241019
Conc: 623.93 ng/ml



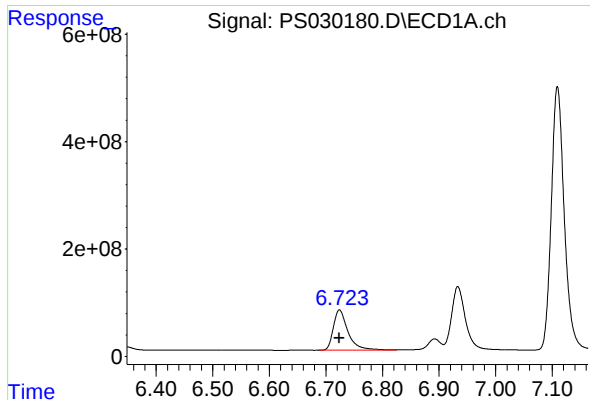
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.138 min
Delta R.T.: 0.000 min
Response: 2749255932
Conc: 659.21 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.453 min
Delta R.T.: 0.000 min
Response: 750063395
Conc: 643.37 ng/ml



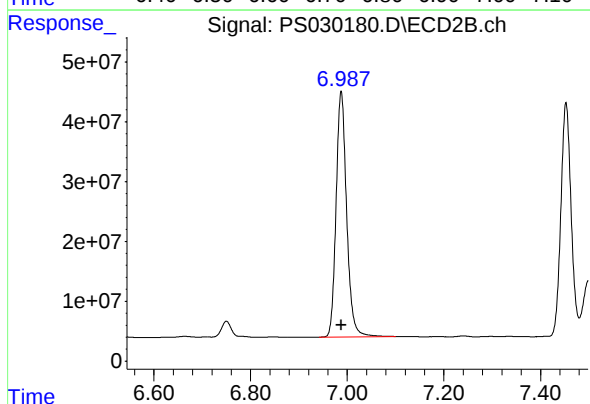
#3 4-Nitrophenol

R.T.: 6.724 min
Delta R.T.: 0.000 min
Response: 1357937880
Conc: 657.40 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

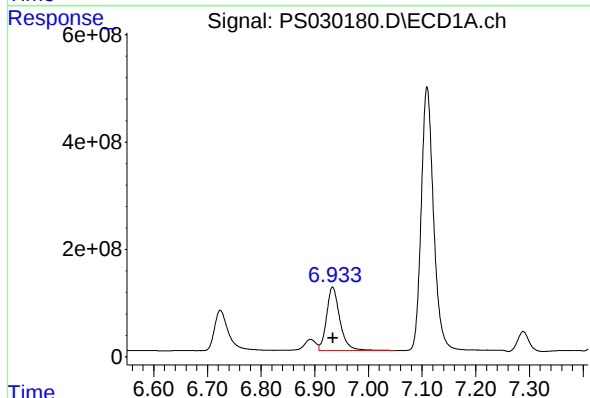
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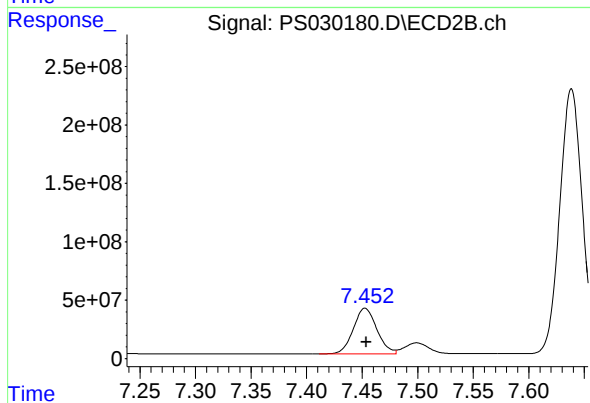
#3 4-Nitrophenol

R.T.: 6.988 min
Delta R.T.: 0.000 min
Response: 620271396
Conc: 594.11 ng/ml



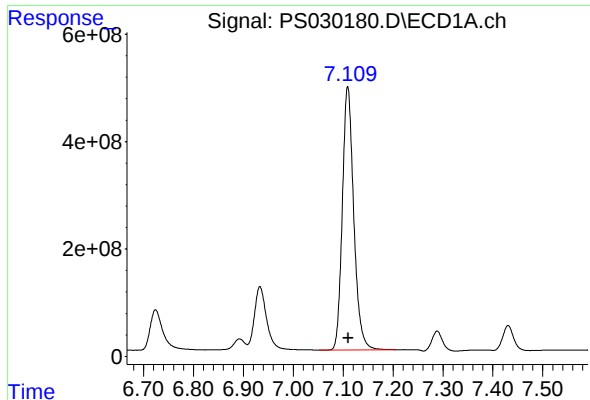
#4 2,4-DCAA

R.T.: 6.933 min
Delta R.T.: 0.000 min
Response: 2021706949
Conc: 709.92 ng/ml



#4 2,4-DCAA

R.T.: 7.453 min
Delta R.T.: -0.001 min
Response: 574477753
Conc: 717.91 ng/ml



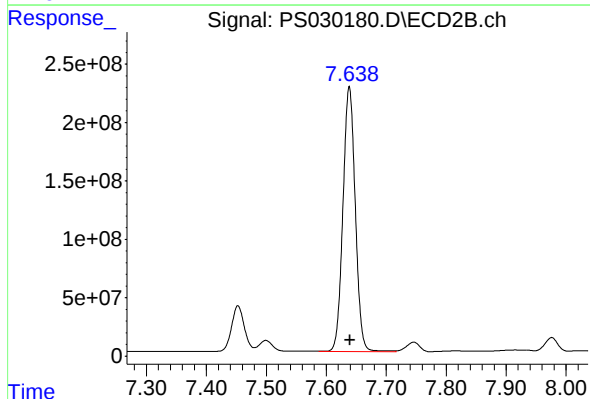
#5 DICAMBA

R.T.: 7.109 min
Delta R.T.: 0.000 min
Response: 7795398019
Conc: 674.50 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

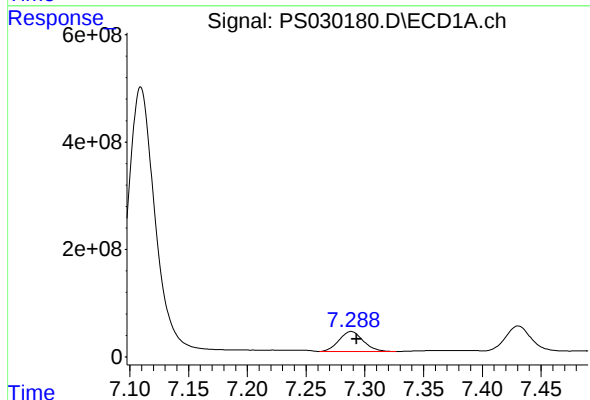
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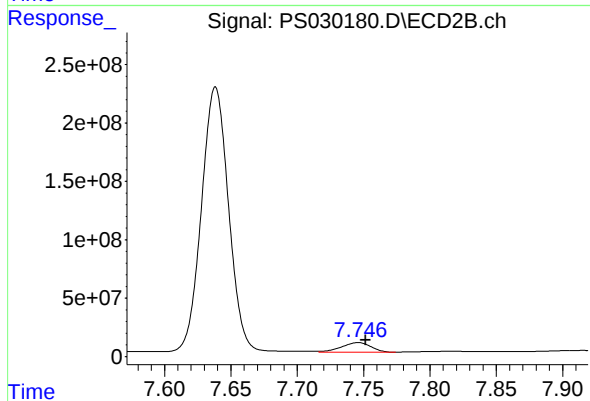
#5 DICAMBA

R.T.: 7.638 min
Delta R.T.: -0.001 min
Response: 3244721963
Conc: 686.28 ng/ml



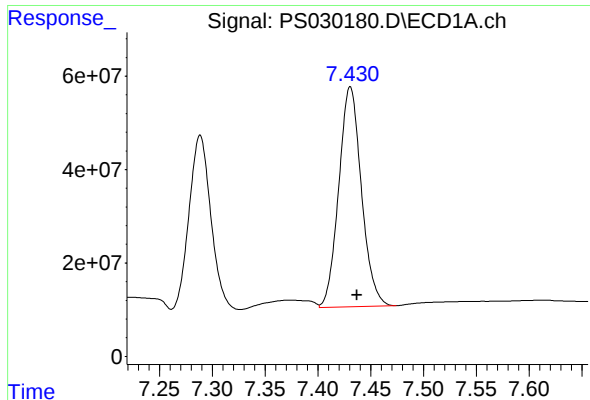
#6 MCPP

R.T.: 7.288 min
Delta R.T.: -0.004 min
Response: 532400128
Conc: 73.10 ug/ml



#6 MCPP

R.T.: 7.746 min
Delta R.T.: -0.005 min
Response: 126510493
Conc: 68.76 ug/ml



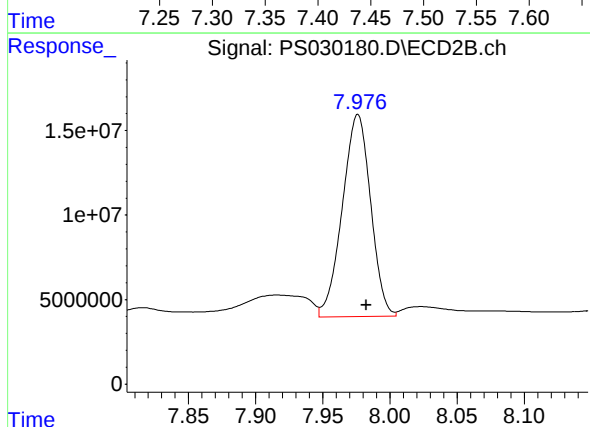
#7 MCPA

R.T.: 7.431 min
Delta R.T.: -0.006 min
Response: 703388755
Conc: 67.76 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

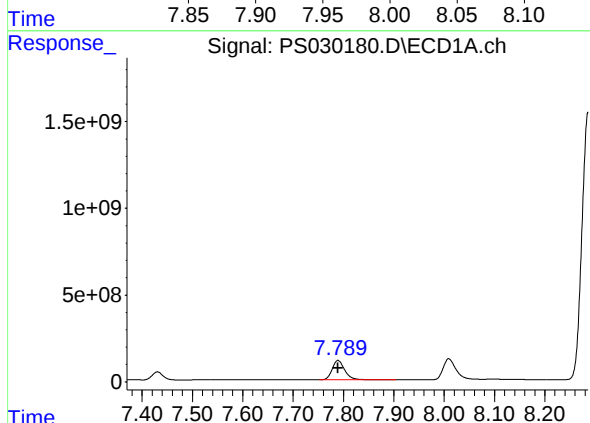
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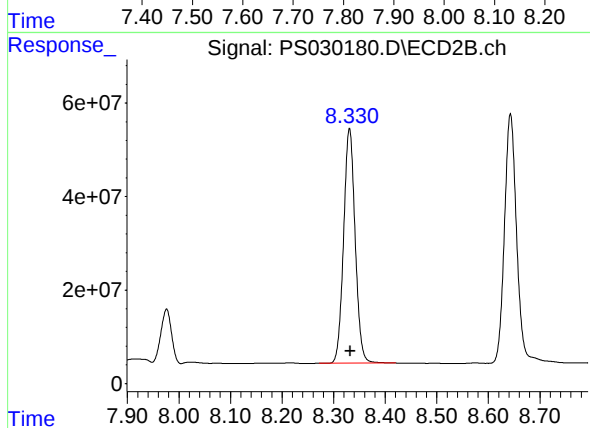
#7 MCPA

R.T.: 7.976 min
Delta R.T.: -0.007 min
Response: 175711750
Conc: 66.62 ug/ml



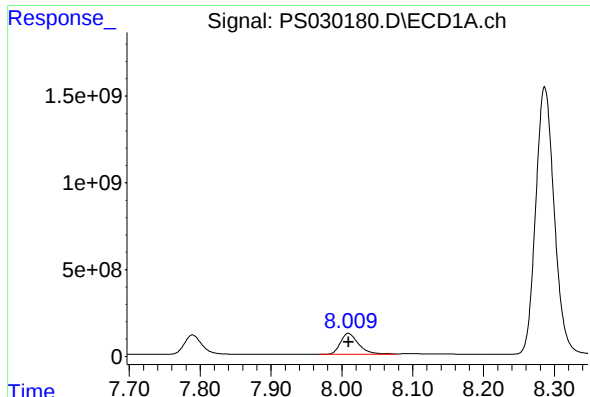
#8 DICHLORPROP

R.T.: 7.789 min
Delta R.T.: 0.000 min
Response: 1939531133
Conc: 663.92 ng/ml



#8 DICHLORPROP

R.T.: 8.331 min
Delta R.T.: -0.002 min
Response: 781595833
Conc: 661.57 ng/ml



#9 2,4-D

R.T.: 8.009 min
Delta R.T.: 0.000 min
Response: 2183662950
Conc: 665.97 ng/ml

Instrument :

ECD_S

ClientSampleId :

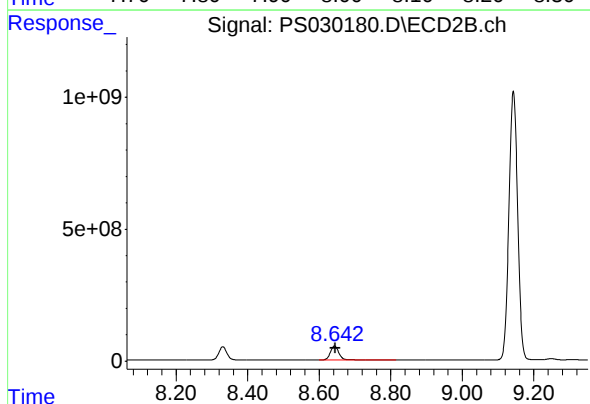
HSTDCCC750

Manual Integrations

APPROVED

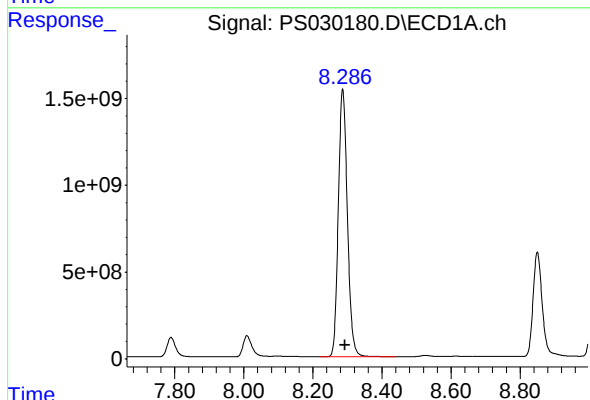
Reviewed By :Abdul Mirza 05/15/2025

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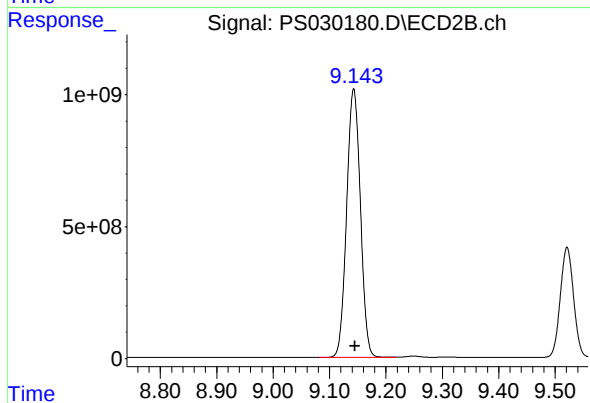
#9 2,4-D

R.T.: 8.643 min
Delta R.T.: -0.002 min
Response: 880439801
Conc: 682.25 ng/ml



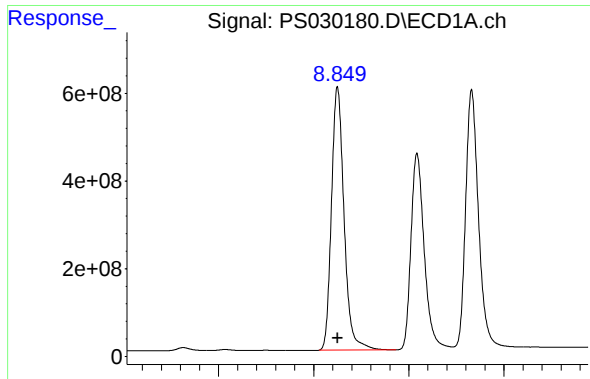
#10 Pentachlorophenol

R.T.: 8.286 min
Delta R.T.: -0.007 min
Response: 28004080163
Conc: 691.45 ng/ml



#10 Pentachlorophenol

R.T.: 9.143 min
Delta R.T.: -0.002 min
Response: 17238297990
Conc: 698.33 ng/ml



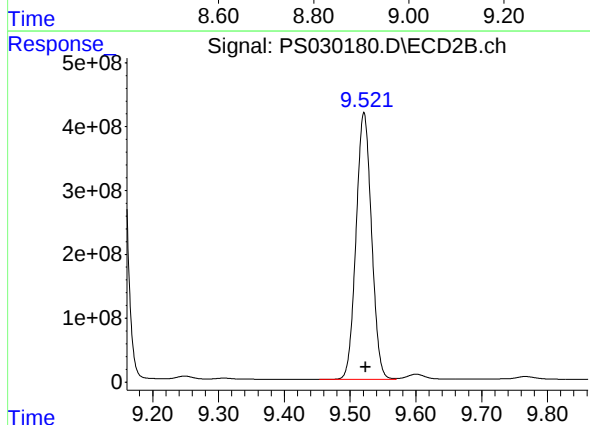
#11 2,4,5-TP (SILVEX)

R.T.: 8.850 min
Delta R.T.: 0.000 min
Response: 11038183843
Conc: 681.54 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

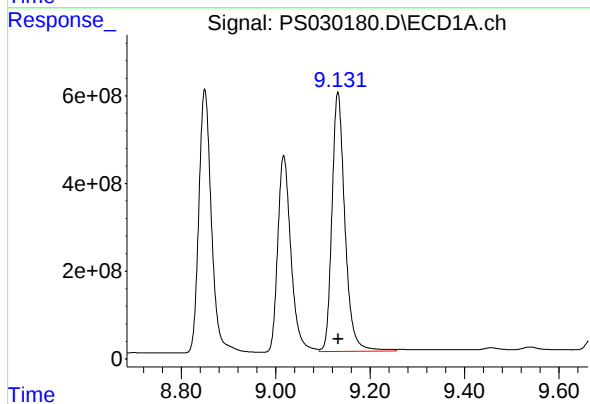
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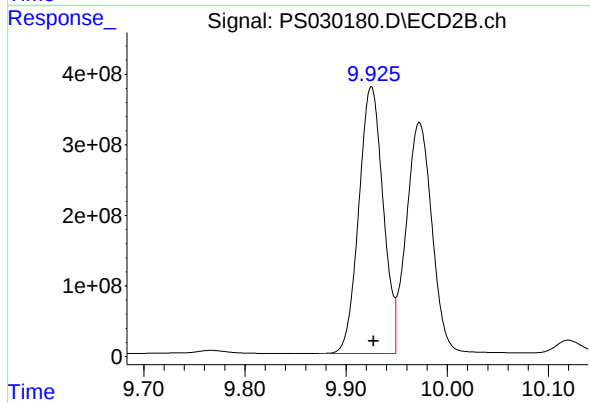
#11 2,4,5-TP (SILVEX)

R.T.: 9.521 min
Delta R.T.: -0.002 min
Response: 6807265848
Conc: 691.06 ng/ml



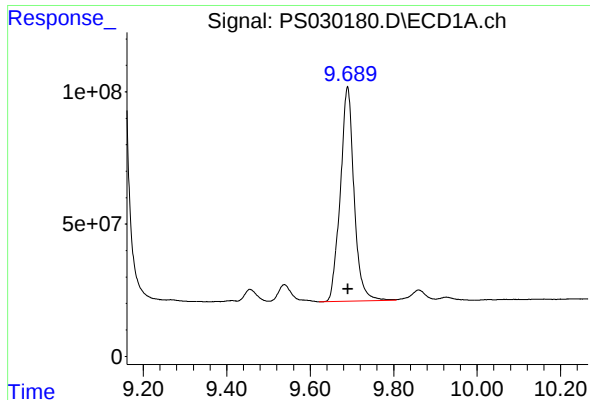
#12 2,4,5-T

R.T.: 9.132 min
Delta R.T.: -0.001 min
Response: 11289008789
Conc: 683.55 ng/ml



#12 2,4,5-T

R.T.: 9.925 min
Delta R.T.: -0.002 min
Response: 6311491609
Conc: 685.76 ng/ml



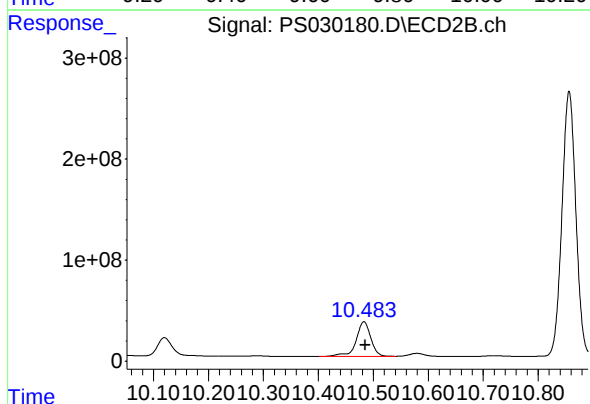
#13 2,4-DB

R.T.: 9.690 min
Delta R.T.: 0.000 min
Response: 1852016552
Conc: 709.65 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

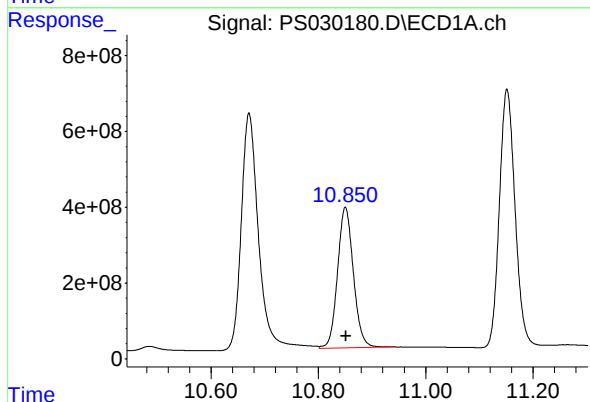
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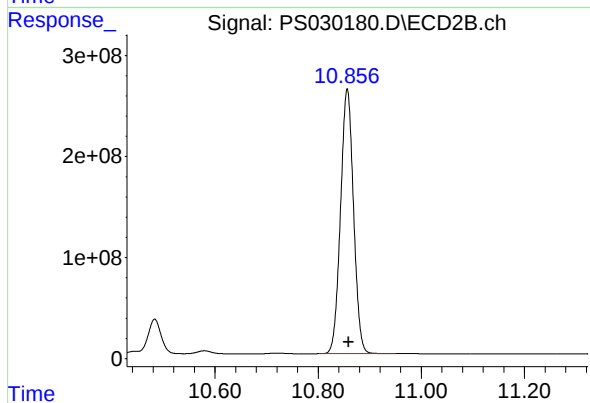
#13 2,4-DB

R.T.: 10.483 min
Delta R.T.: -0.002 min
Response: 642603301
Conc: 647.54 ng/ml



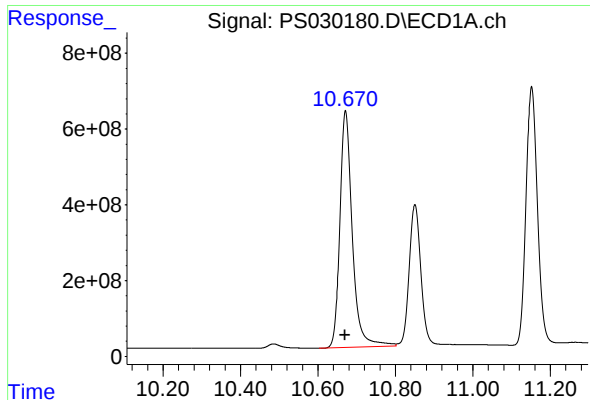
#14 DINOSEB

R.T.: 10.850 min
Delta R.T.: -0.001 min
Response: 7638503231
Conc: 667.91 ng/ml



#14 DINOSEB

R.T.: 10.856 min
Delta R.T.: -0.002 min
Response: 4582881196
Conc: 670.80 ng/ml



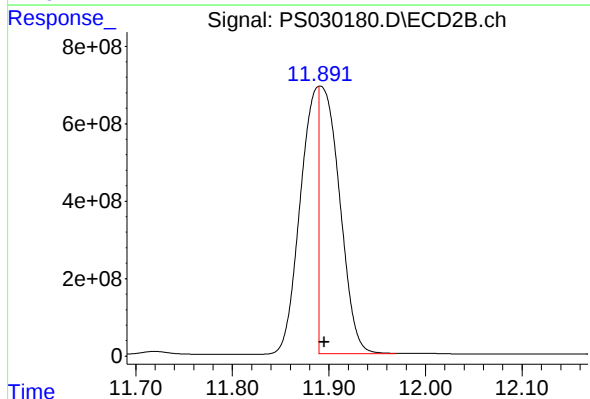
#15 Picloram

R.T.: 10.671 min
Delta R.T.: 0.000 min
Response: 13966222188
Conc: 653.02 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

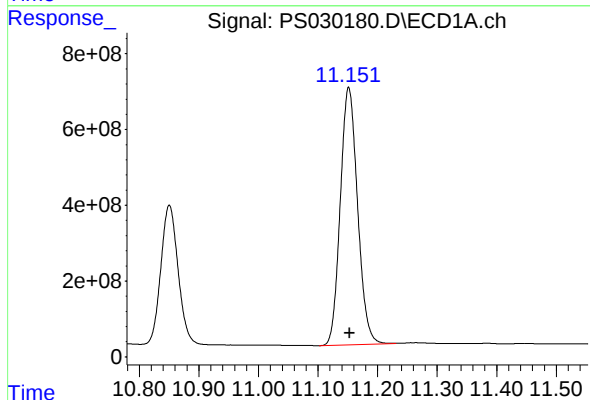
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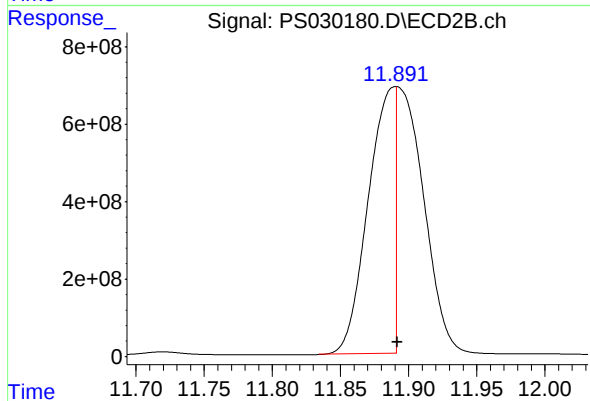
#15 Picloram

R.T.: 11.891 min
Delta R.T.: -0.004 min
Response: 10072064907
Conc: 715.70 ng/ml m



#16 DCPA

R.T.: 11.151 min
Delta R.T.: -0.001 min
Response: 13689705007
Conc: 687.53 ng/ml



#16 DCPA

R.T.: 11.891 min
Delta R.T.: -0.001 min
Response: 9686105701
Conc: 716.93 ng/ml m