

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS051325\
 Data File : PS030157.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 May 2025 15:19
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/14/2025
 Supervised By : mohammad ahmed 05/15/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 14 04:18:25 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	6.933	7.452	1782.9E6	516.0E6	724.439	732.413
Target Compounds							
1) T	Dalapon	2.445	2.518	2779.4E6	1153.5E6	678.681	664.399
2) T	3,5-DICHL...	6.138	6.451	2415.3E6	664.1E6	675.843	679.327
3) T	4-Nitroph...	6.724	6.986	1172.7E6	546.8E6	657.603	713.878
5) T	DICAMBA	7.110	7.638	6872.5E6	2857.5E6	693.995	723.409
6) T	MCP	7.288	7.745	467.4E6	111.6E6	72.542m	63.831
7) T	MCPA	7.431	7.975	605.2E6	161.7E6	68.534	68.356
8) T	DICHLORPROP	7.790	8.330	1703.7E6	700.0E6	672.314	697.200
9) T	2,4-D	8.010	8.642	1963.7E6	776.2E6	698.108	688.679
10) T	Pentachlo...	8.287	9.143	24751.6E6	15257.6E6	709.519	749.948
11) T	2,4,5-TP ...	8.851	9.521	9795.7E6	6016.8E6	706.614	735.392
12) T	2,4,5-T	9.133	9.926	9956.1E6	5612.7E6	708.460	723.046
13) T	2,4-DB	9.691	10.483	1625.0E6	577.2E6	711.062	717.187
14) T	DINOSEB	10.852	10.856	7034.9E6	4082.5E6	691.500	700.135m
15) T	Picloram	10.671	11.896	13046.3E6	9351.8E6	711.720	761.318m
16) T	DCPA	11.153	11.893	12135.1E6	8959.9E6	712.948	794.905m

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

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Acq On : 13 May 2025 15:19
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

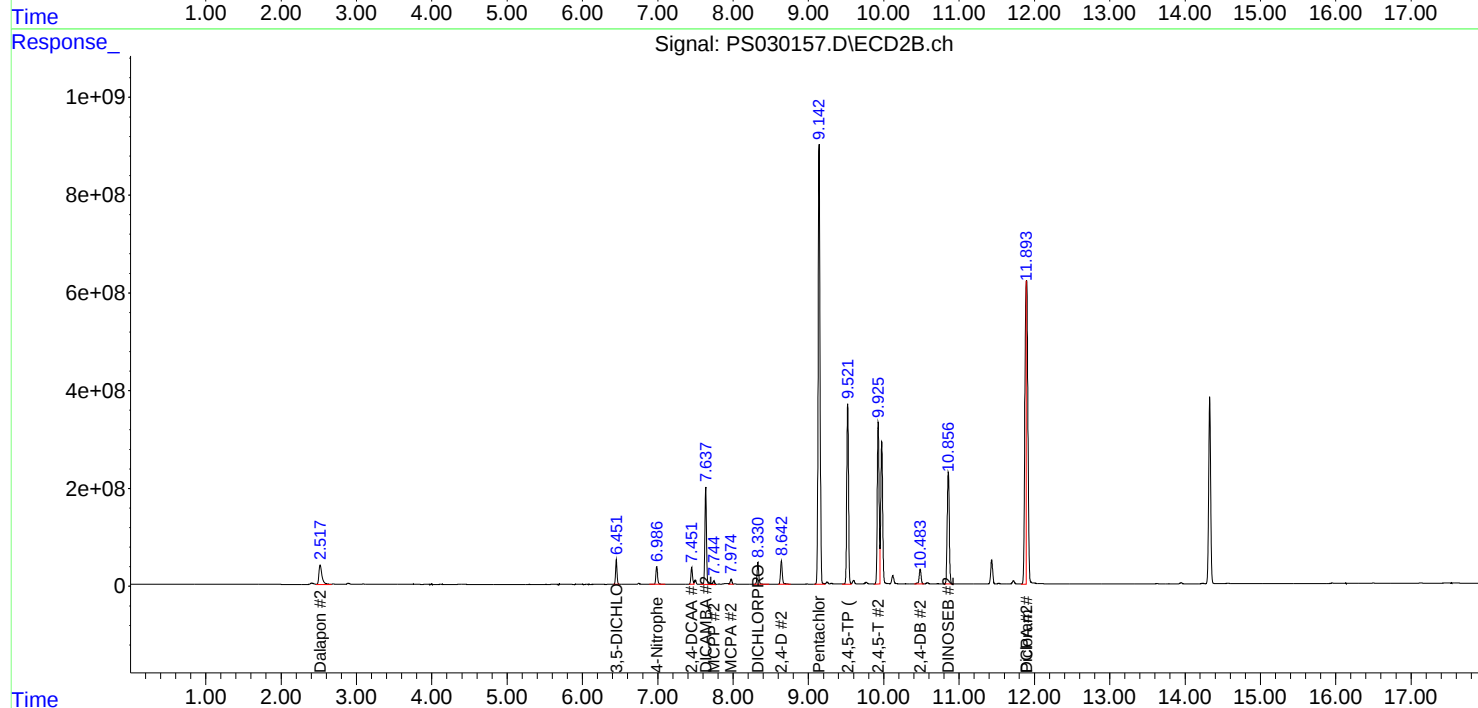
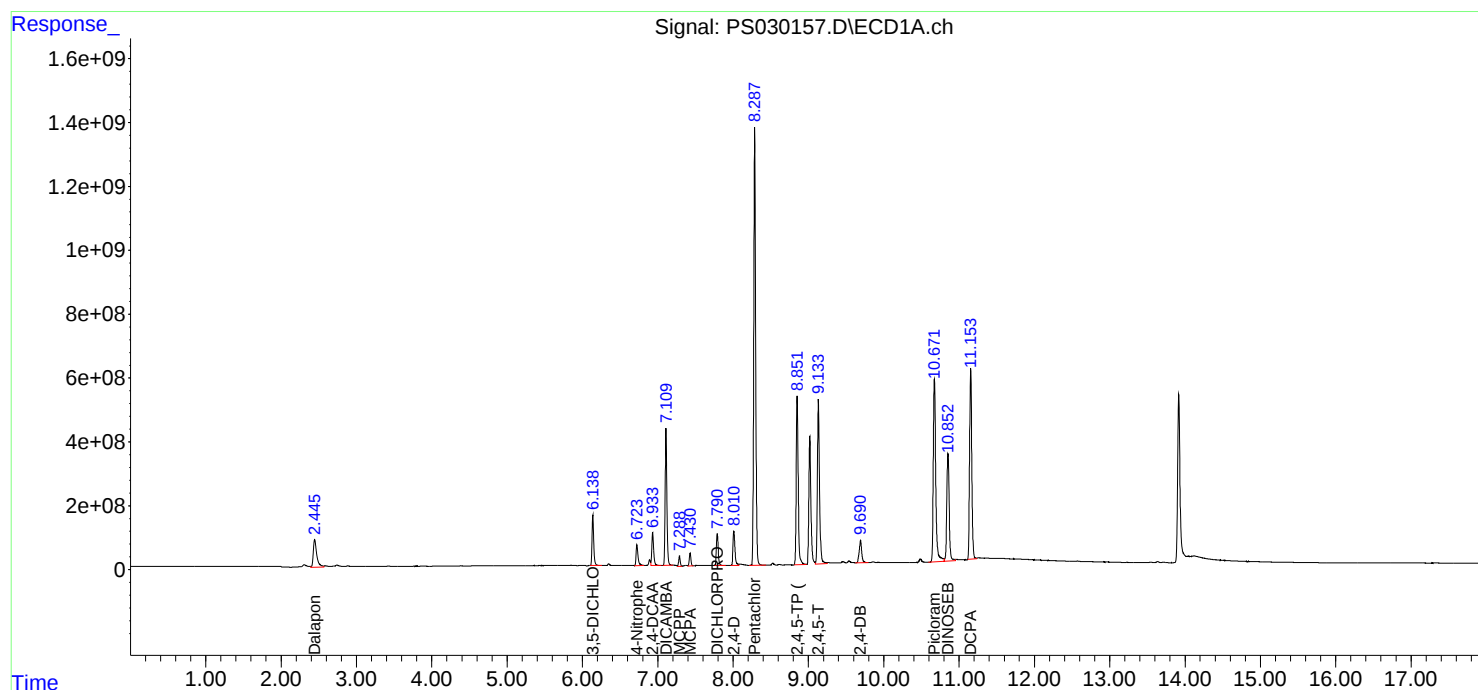
Instrument :
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ClientSampleId :
HSTDCCC750

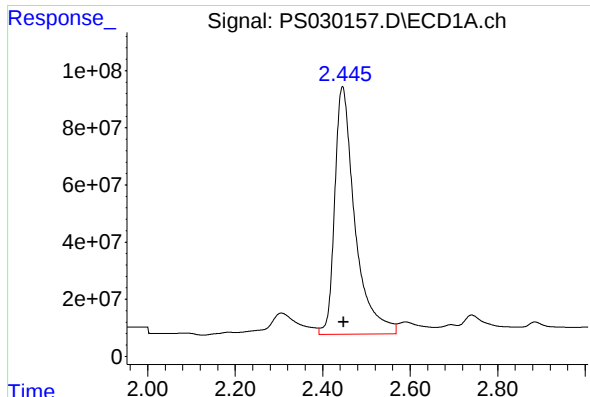
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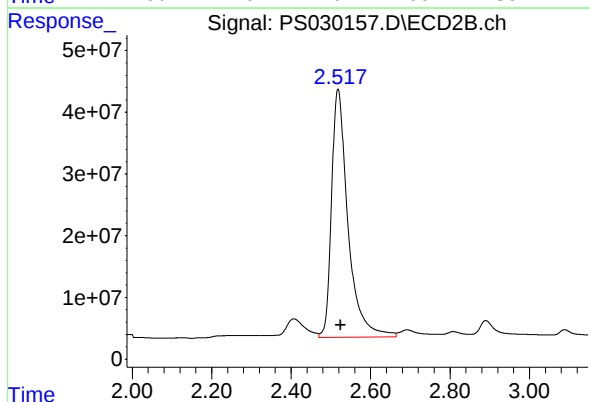
#1 Dalapon

R.T.: 2.445 min
Delta R.T.: -0.003 min
Response: 2779375717
Conc: 678.68 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

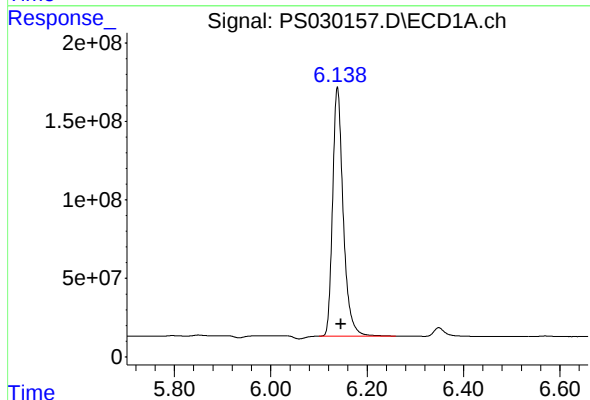
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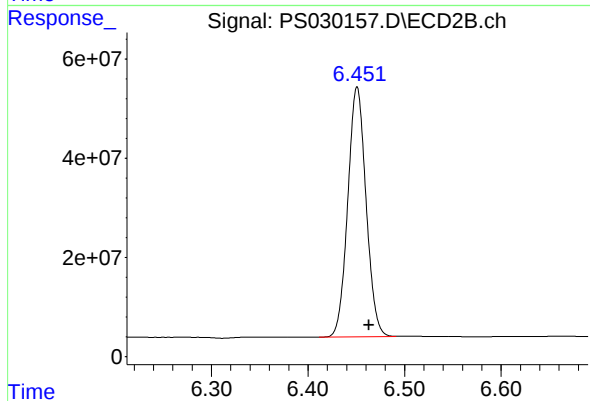
#1 Dalapon

R.T.: 2.518 min
Delta R.T.: -0.006 min
Response: 1153493147
Conc: 664.40 ng/ml



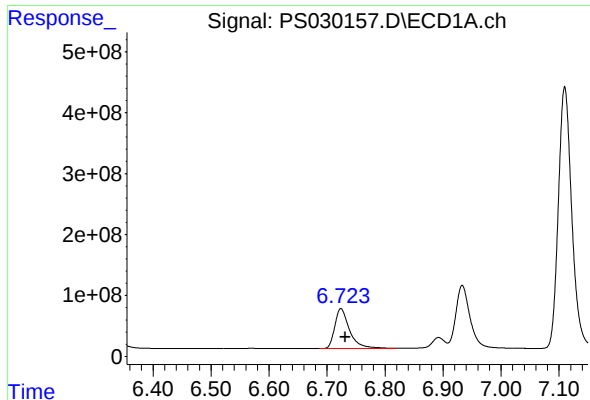
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.138 min
Delta R.T.: -0.007 min
Response: 2415317149
Conc: 675.84 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.451 min
Delta R.T.: -0.012 min
Response: 664096293
Conc: 679.33 ng/ml



#3 4-Nitrophenol

R.T.: 6.724 min
Delta R.T.: -0.008 min
Response: 1172717200
Conc: 657.60 ng/ml

Instrument :

ECD_S

ClientSampleId :

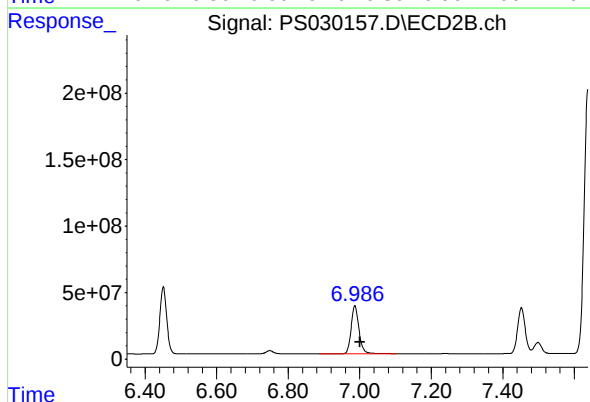
HSTDCCC750

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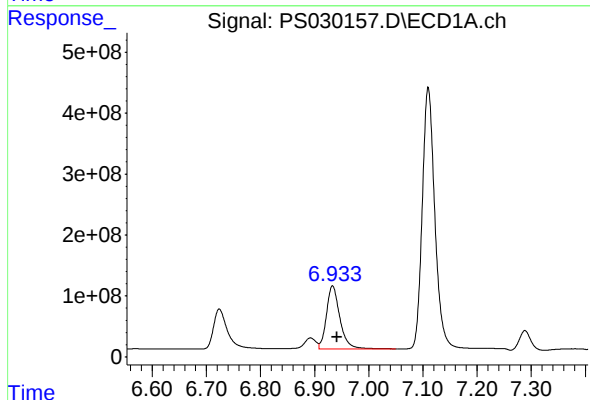
Reviewed By :Abdul Mirza 05/14/2025

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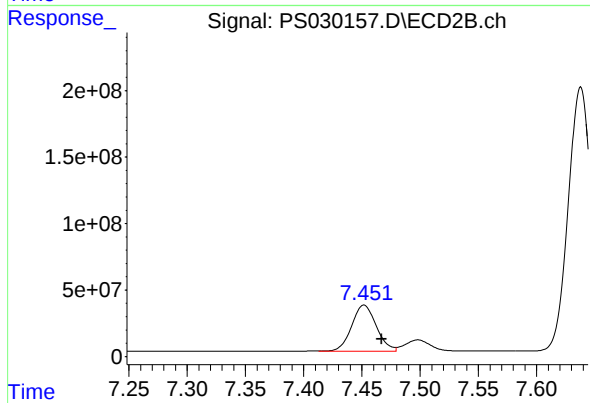
#3 4-Nitrophenol

R.T.: 6.986 min
Delta R.T.: -0.014 min
Response: 546774077
Conc: 713.88 ng/ml



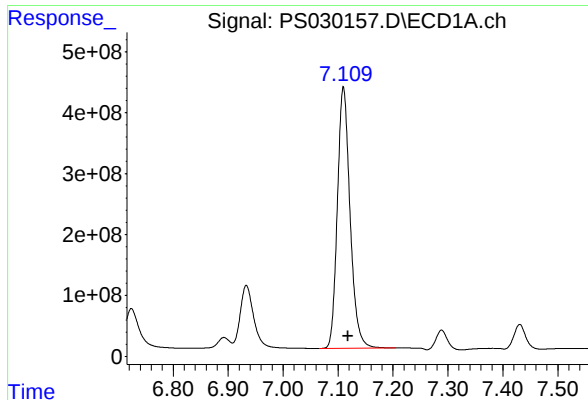
#4 2,4-DCAA

R.T.: 6.933 min
Delta R.T.: -0.008 min
Response: 1782901588
Conc: 724.44 ng/ml



#4 2,4-DCAA

R.T.: 7.452 min
Delta R.T.: -0.015 min
Response: 515997341
Conc: 732.41 ng/ml



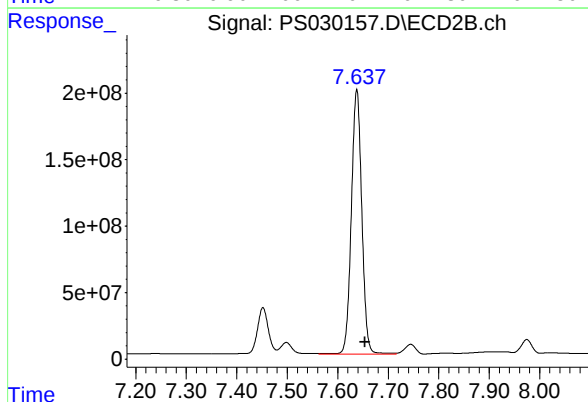
#5 DICAMBA

R.T.: 7.110 min
Delta R.T.: -0.008 min
Response: 6872536103
Conc: 693.99 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

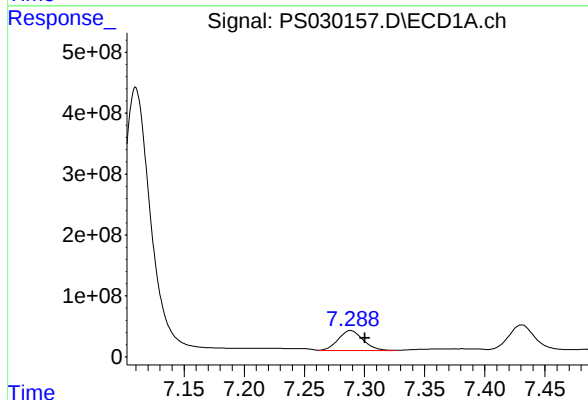
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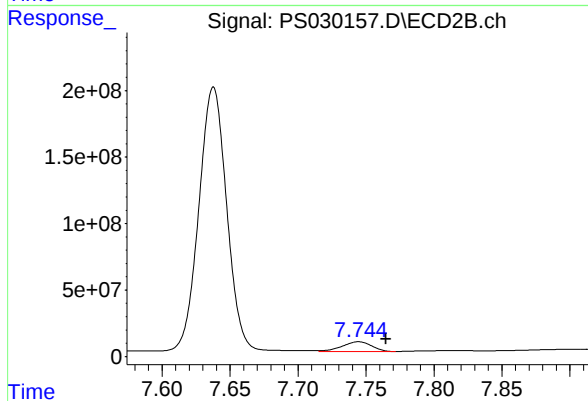
#5 DICAMBA

R.T.: 7.638 min
Delta R.T.: -0.016 min
Response: 2857512969
Conc: 723.41 ng/ml



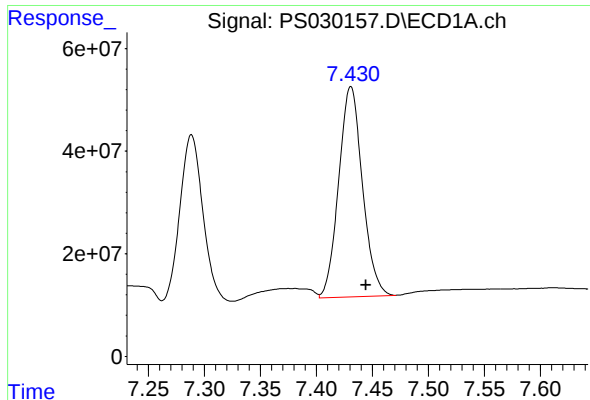
#6 MCPP

R.T.: 7.288 min
Delta R.T.: -0.012 min
Response: 467436944
Conc: 72.54 ug/ml m



#6 MCPP

R.T.: 7.745 min
Delta R.T.: -0.020 min
Response: 111636992
Conc: 63.83 ug/ml



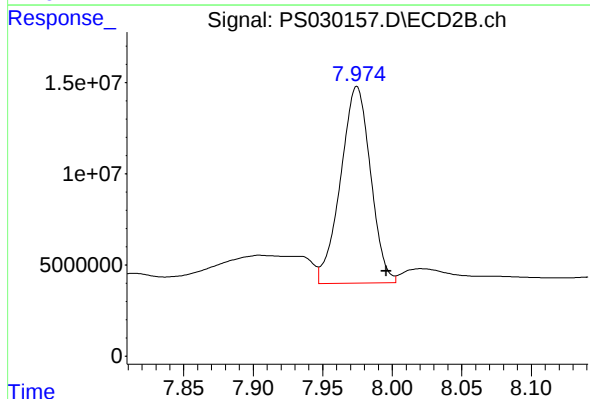
#7 MCPA

R.T.: 7.431 min
Delta R.T.: -0.014 min
Response: 605249477
Conc: 68.53 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

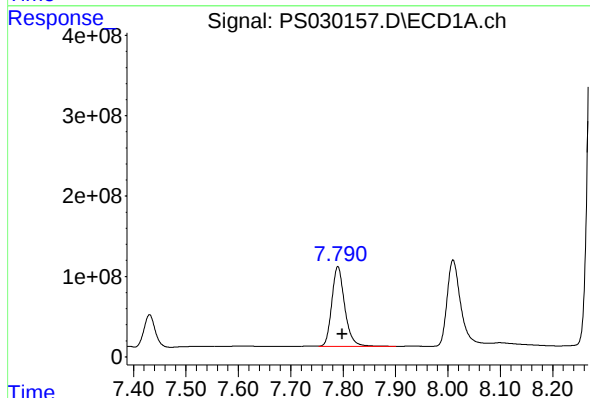
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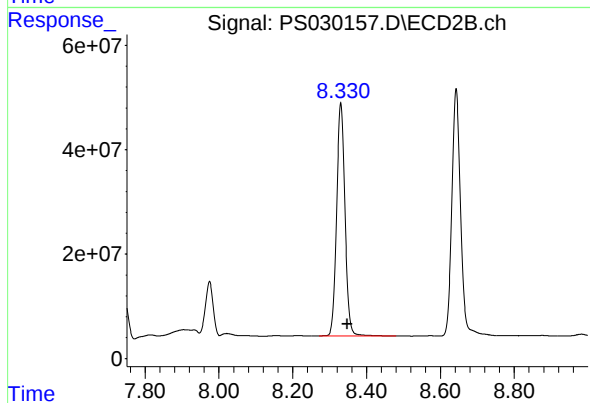
#7 MCPA

R.T.: 7.975 min
Delta R.T.: -0.021 min
Response: 161715748
Conc: 68.36 ug/ml



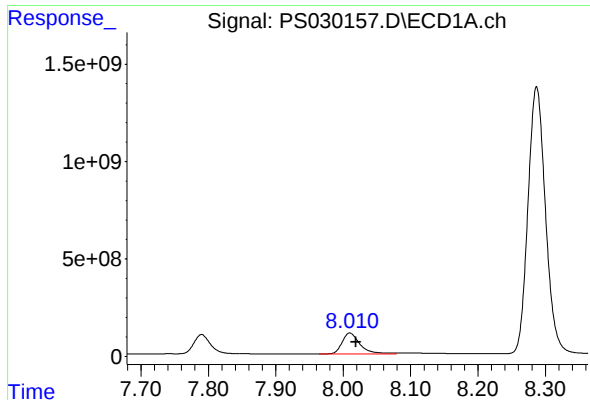
#8 DICHLORPROP

R.T.: 7.790 min
Delta R.T.: -0.009 min
Response: 1703716447
Conc: 672.31 ng/ml



#8 DICHLORPROP

R.T.: 8.330 min
Delta R.T.: -0.018 min
Response: 699963419
Conc: 697.20 ng/ml



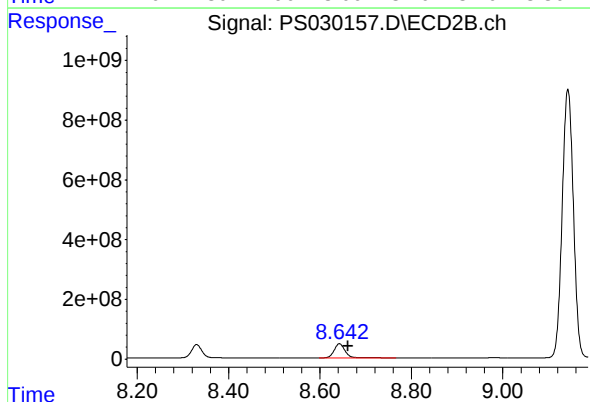
#9 2,4-D

R.T.: 8.010 min
Delta R.T.: -0.009 min
Response: 1963687650
Conc: 698.11 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

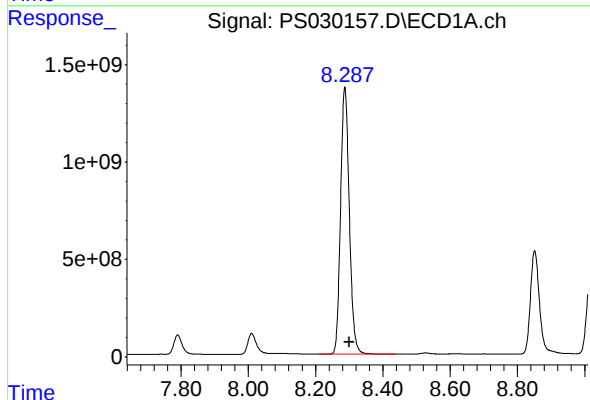
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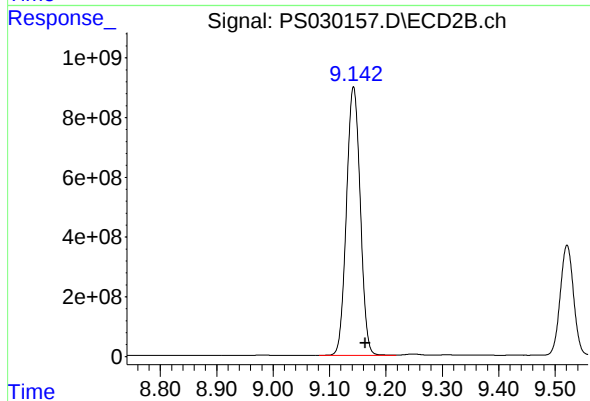
#9 2,4-D

R.T.: 8.642 min
Delta R.T.: -0.019 min
Response: 776215299
Conc: 688.68 ng/ml



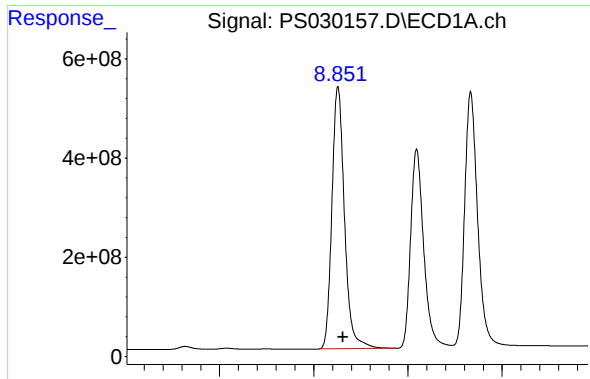
#10 Pentachlorophenol

R.T.: 8.287 min
Delta R.T.: -0.013 min
Response: 24751579264
Conc: 709.52 ng/ml



#10 Pentachlorophenol

R.T.: 9.143 min
Delta R.T.: -0.021 min
Response: 15257561251
Conc: 749.95 ng/ml



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

R.T.: 8.851 min
Delta R.T.: -0.011 min
Response: 9795672377
Conc: 706.61 ng/ml

Instrument :

ECD_S

ClientSampleId :

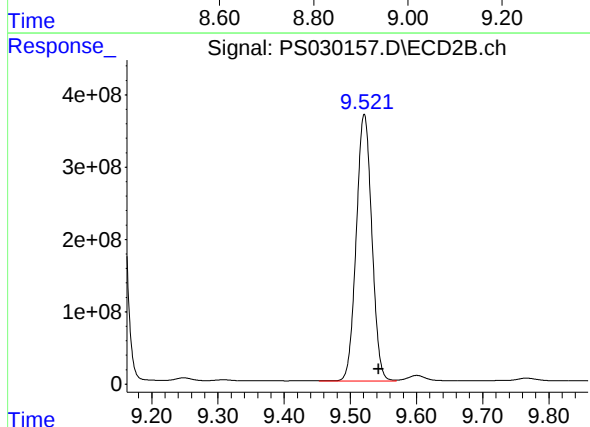
HSTDCCC750

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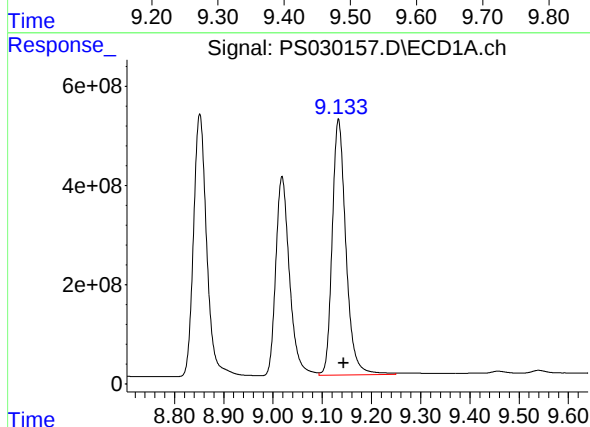
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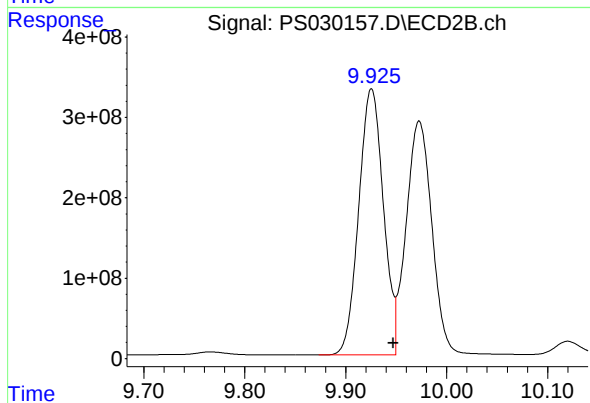
#11 2,4,5-TP (SILVEX)

R.T.: 9.521 min
Delta R.T.: -0.021 min
Response: 6016791921
Conc: 735.39 ng/ml



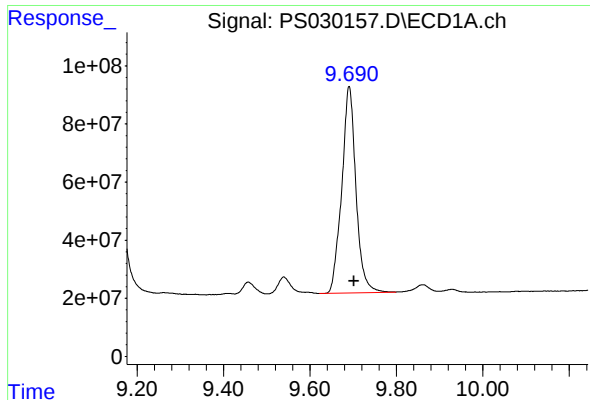
#12 2,4,5-T

R.T.: 9.133 min
Delta R.T.: -0.011 min
Response: 9956058060
Conc: 708.46 ng/ml



#12 2,4,5-T

R.T.: 9.926 min
Delta R.T.: -0.022 min
Response: 5612713189
Conc: 723.05 ng/ml



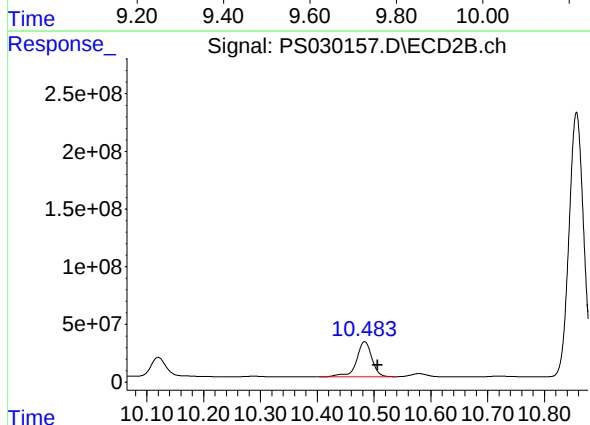
#13 2,4-DB

R.T.: 9.691 min
Delta R.T.: -0.011 min
Response: 1625029632
Conc: 711.06 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

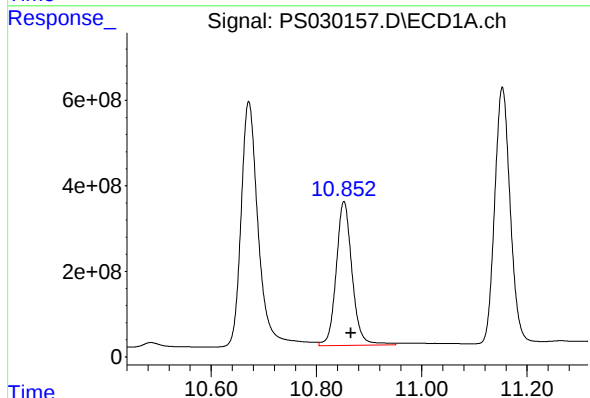
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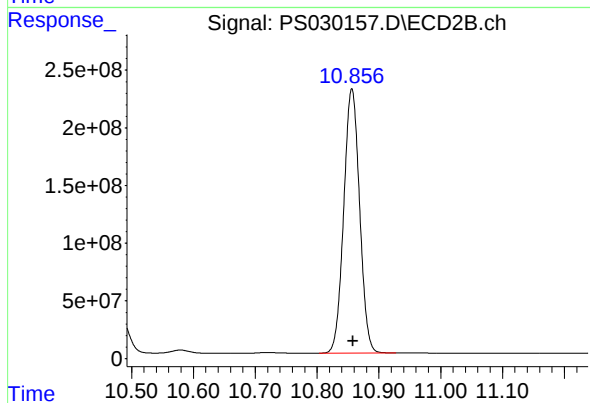
#13 2,4-DB

R.T.: 10.483 min
Delta R.T.: -0.023 min
Response: 577222742
Conc: 717.19 ng/ml



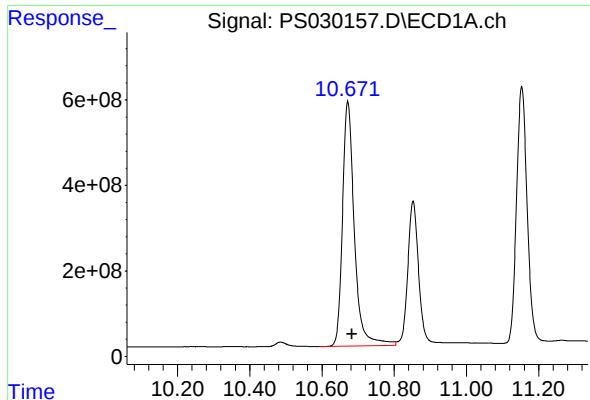
#14 DINOSEB

R.T.: 10.852 min
Delta R.T.: -0.014 min
Response: 7034922130
Conc: 691.50 ng/ml



#14 DINOSEB

R.T.: 10.856 min
Delta R.T.: -0.002 min
Response: 4082472322
Conc: 700.13 ng/ml m



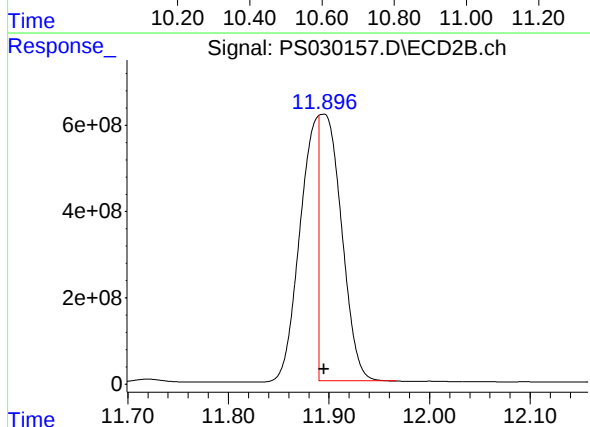
#15 Picloram

R.T.: 10.671 min
Delta R.T.: -0.012 min
Response: 13046275180
Conc: 711.72 ng/ml

Instrument :
ECD_S
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HSTDCCC750

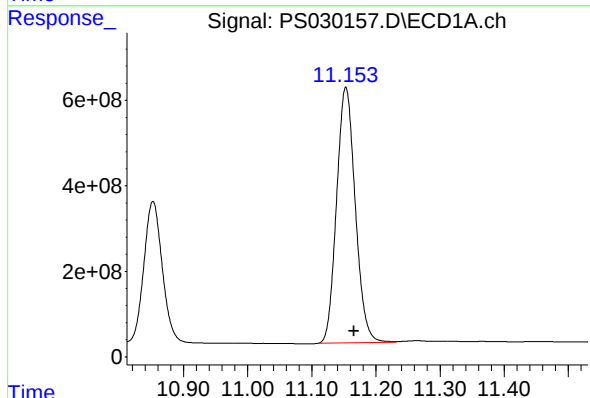
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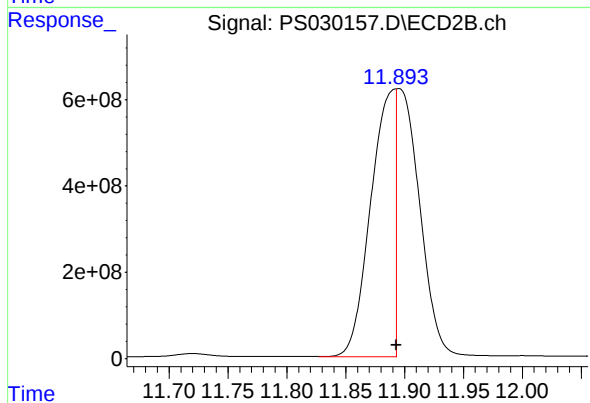
#15 Picloram

R.T.: 11.896 min
Delta R.T.: 0.000 min
Response: 9351751266
Conc: 761.32 ng/ml m



#16 DCPA

R.T.: 11.153 min
Delta R.T.: -0.013 min
Response: 12135079058
Conc: 712.95 ng/ml



#16 DCPA

R.T.: 11.893 min
Delta R.T.: 0.000 min
Response: 8959895797
Conc: 794.91 ng/ml m