

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS051425\
 Data File : PS030221.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 May 2025 08:37
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :

ECD_S

ClientSampleId :

HSTDCCC750

Manual Integrations**APPROVED**

Reviewed By :Abdul Mirza 05/15/2025

Supervised By :mohammad ahmed 05/20/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 15 09:04:52 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	6.933	7.452	2115.7E6	600.1E6	742.921	749.895
Target Compounds							
1) T	Dalapon	2.446	2.520	3111.0E6	1288.5E6	632.910	634.407
2) T	3,5-DICHL...	6.138	6.452	2878.4E6	784.4E6	690.162	672.808
3) T	4-Nitroph...	6.724	6.987	1424.7E6	654.1E6	689.709	626.557
5) T	DICAMBA	7.109	7.638	8165.7E6	3405.1E6	706.540	720.212
6) T	MCP	7.288	7.746	554.2E6	133.8E6	76.094	72.745
7) T	MCPA	7.431	7.976	735.9E6	183.2E6	70.891	69.455
8) T	DICHLORPROP	7.789	8.330	2035.9E6	824.5E6	696.894	697.898
9) T	2,4-D	8.009	8.643	2285.6E6	920.5E6	697.060	713.302
10) T	Pentachlo...	8.287	9.142	29229.8E6	18053.7E6	721.709	731.364
11) T	2,4,5-TP ...	8.850	9.521	11561.2E6	7122.3E6	713.831	723.047
12) T	2,4,5-T	9.132	9.924	11813.5E6	6593.5E6	715.311	716.404
13) T	2,4-DB	9.689	10.482	1934.2E6	636.0E6	741.125	640.927
14) T	DINOSEB	10.850	10.855	8021.1E6	4822.1E6	701.365	705.819
15) T	Picloram	10.670	11.889	14569.1E6	11181.7E6	681.215	794.544m
16) T	DCPA	11.151	11.889	14311.2E6	9948.1E6	718.740	736.326m

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

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Data File : PS030221.D
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Acq On : 15 May 2025 08:37
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

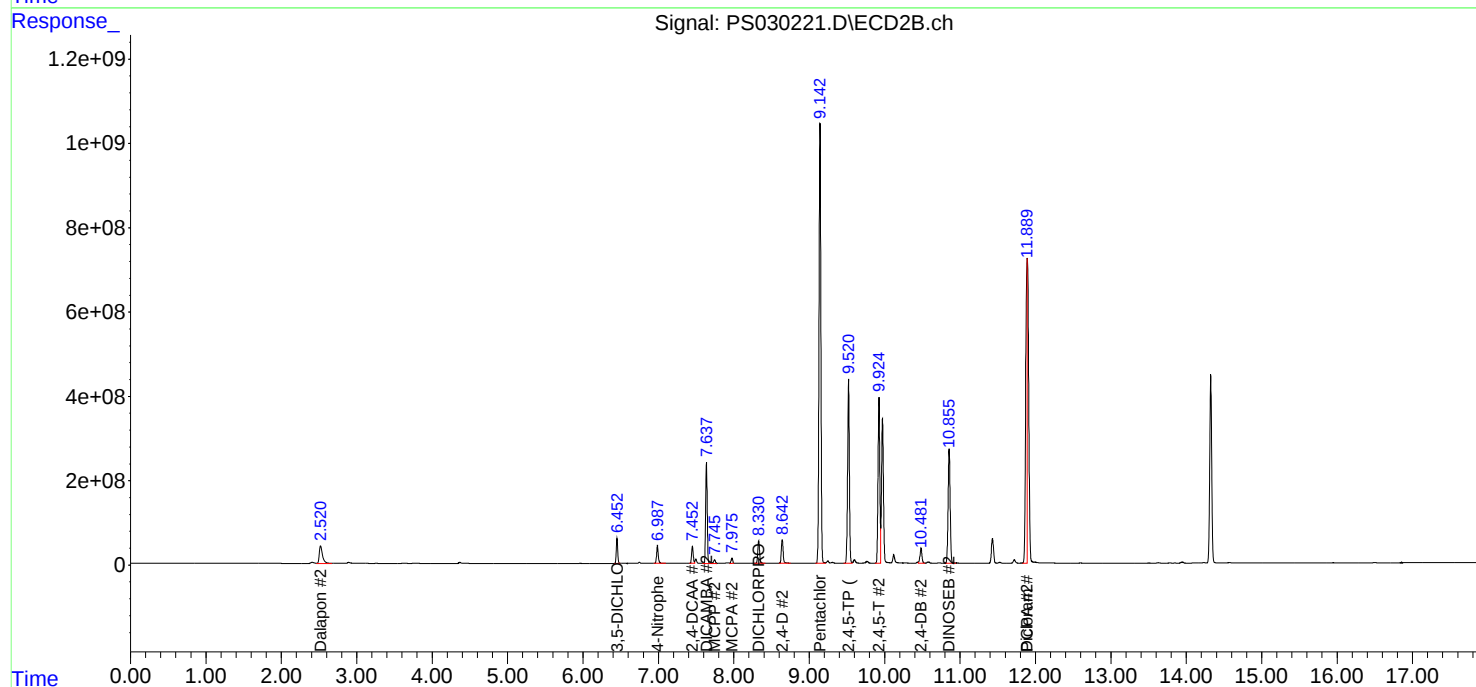
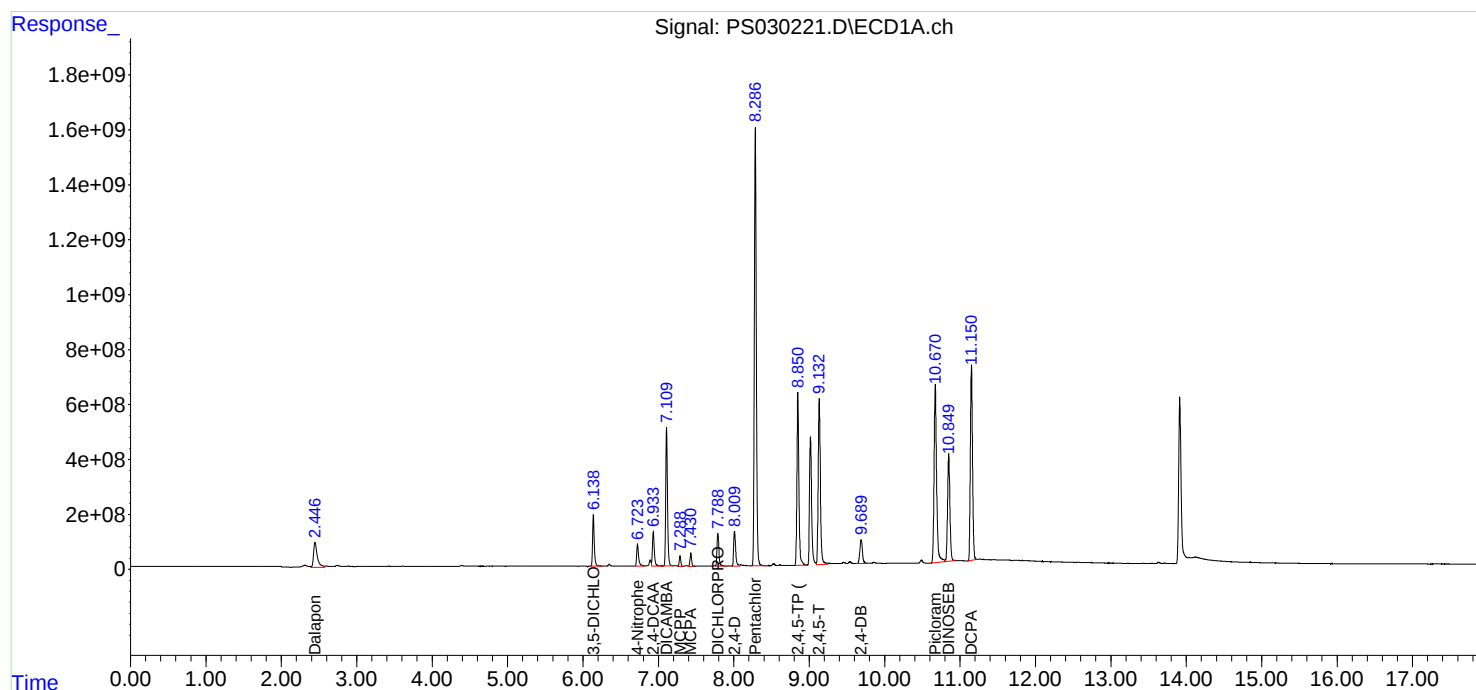
Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

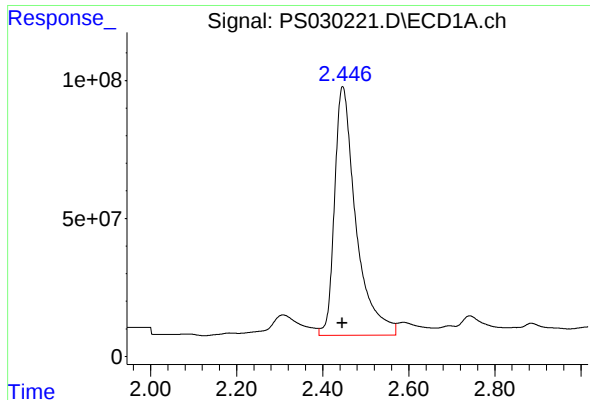
Manual Integrations
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Supervised By : mohammad ahmed 05/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 15 09:04:52 2025
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Quant Title : 8080.M
QLast Update : Mon May 12 14:29:24 2025
Response via : Initial Calibration
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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





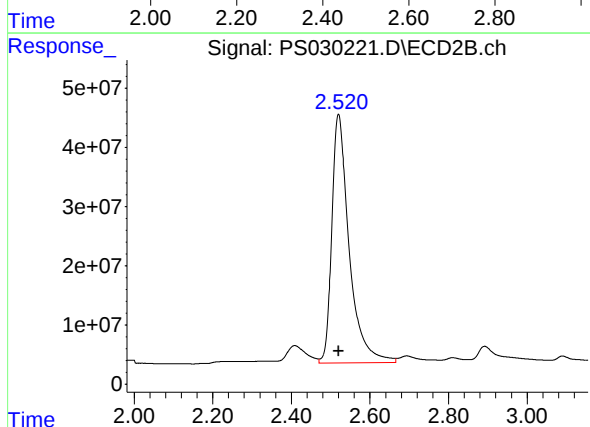
#1 Dalapon

R.T.: 2.446 min
Delta R.T.: 0.000 min
Response: 3110978796
Conc: 632.91 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

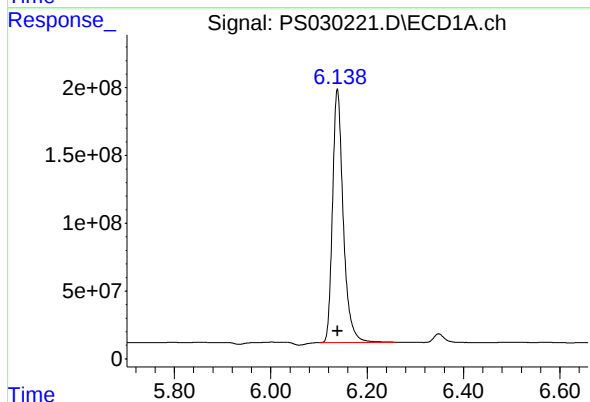
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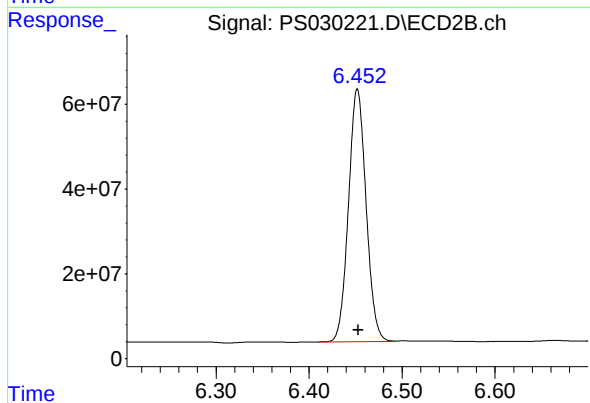
#1 Dalapon

R.T.: 2.520 min
Delta R.T.: 0.000 min
Response: 1288512857
Conc: 634.41 ng/ml



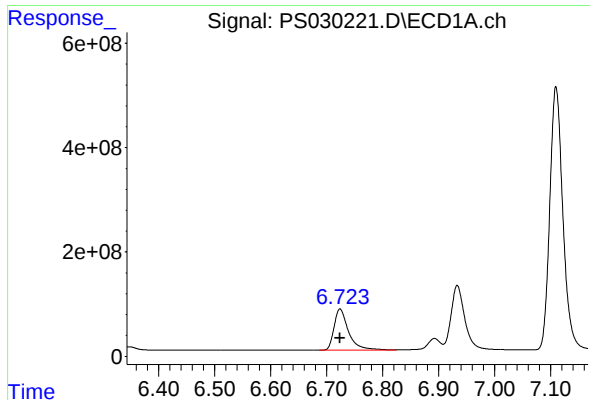
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.138 min
Delta R.T.: 0.000 min
Response: 2878354752
Conc: 690.16 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.452 min
Delta R.T.: -0.001 min
Response: 784379155
Conc: 672.81 ng/ml



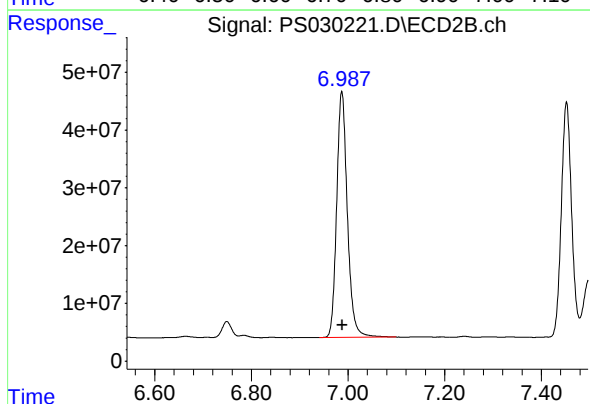
#3 4-Nitrophenol

R.T.: 6.724 min
Delta R.T.: 0.000 min
Response: 1424671578
Conc: 689.71 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

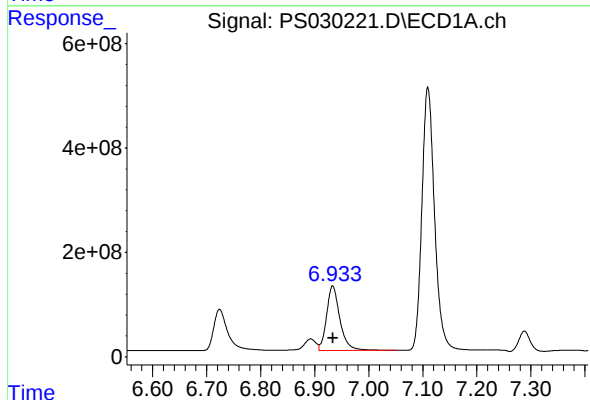
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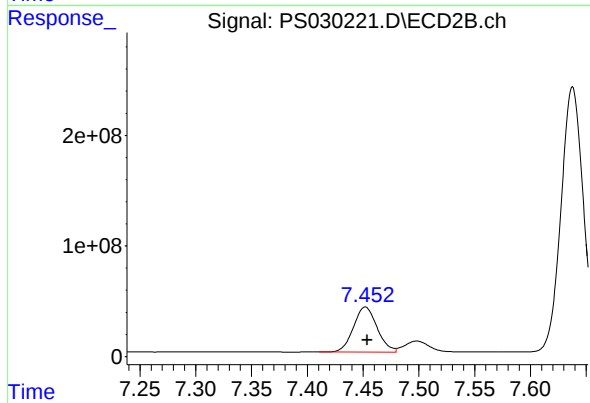
#3 4-Nitrophenol

R.T.: 6.987 min
Delta R.T.: -0.001 min
Response: 654145044
Conc: 626.56 ng/ml



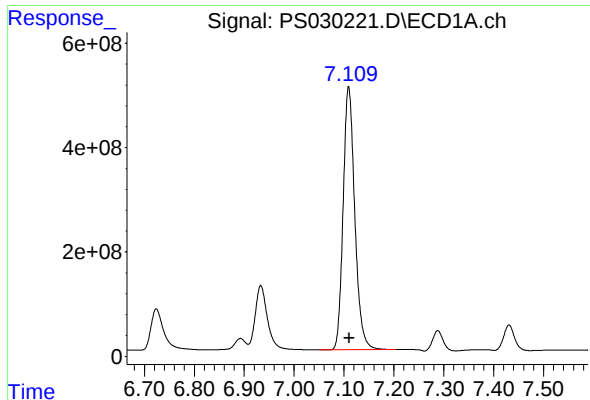
#4 2,4-DCAA

R.T.: 6.933 min
Delta R.T.: 0.000 min
Response: 2115697021
Conc: 742.92 ng/ml



#4 2,4-DCAA

R.T.: 7.452 min
Delta R.T.: -0.002 min
Response: 600068335
Conc: 749.89 ng/ml



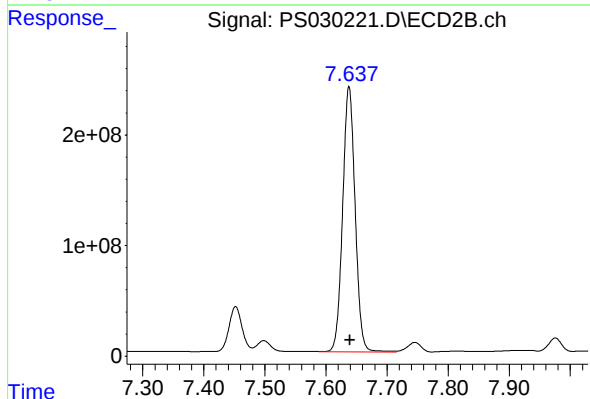
#5 DICAMBA

R.T.: 7.109 min
Delta R.T.: 0.000 min
Response: 8165742246
Conc: 706.54 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

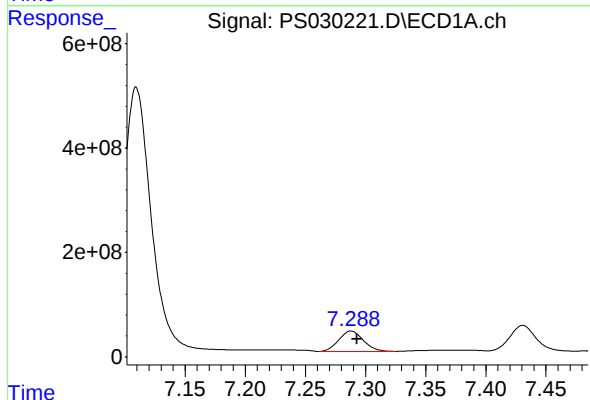
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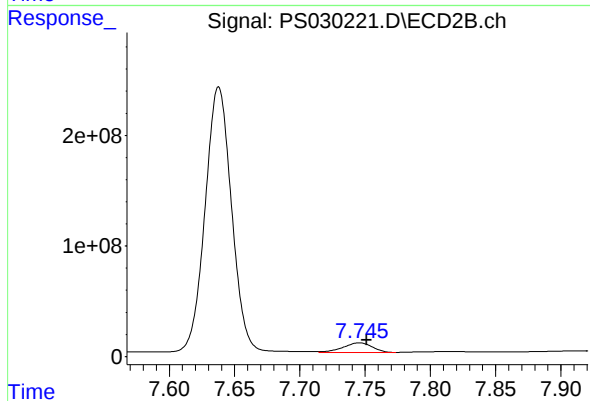
#5 DICAMBA

R.T.: 7.638 min
Delta R.T.: -0.002 min
Response: 3405146268
Conc: 720.21 ng/ml



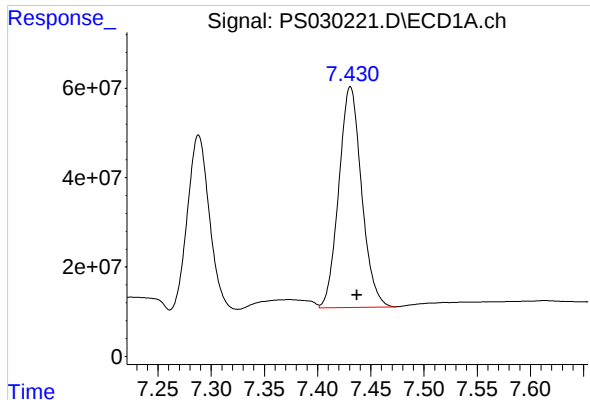
#6 MCPP

R.T.: 7.288 min
Delta R.T.: -0.005 min
Response: 554168942
Conc: 76.09 ug/ml



#6 MCPP

R.T.: 7.746 min
Delta R.T.: -0.006 min
Response: 133834681
Conc: 72.75 ug/ml



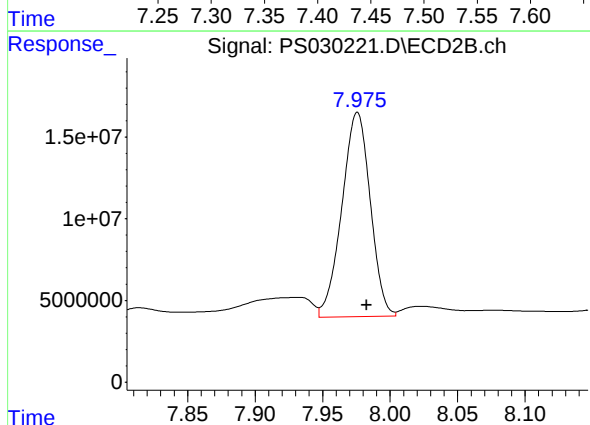
#7 MCPA

R.T.: 7.431 min
Delta R.T.: -0.006 min
Response: 735909583
Conc: 70.89 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

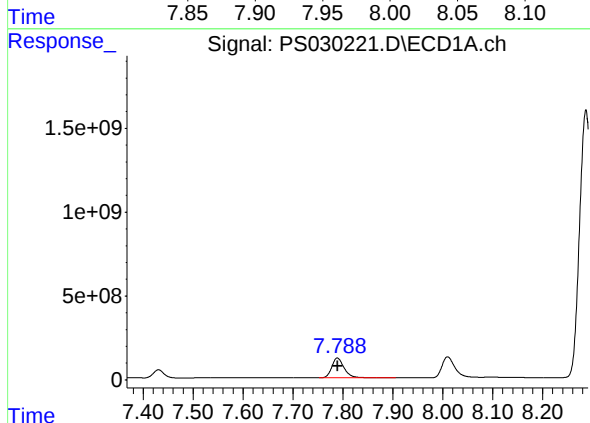
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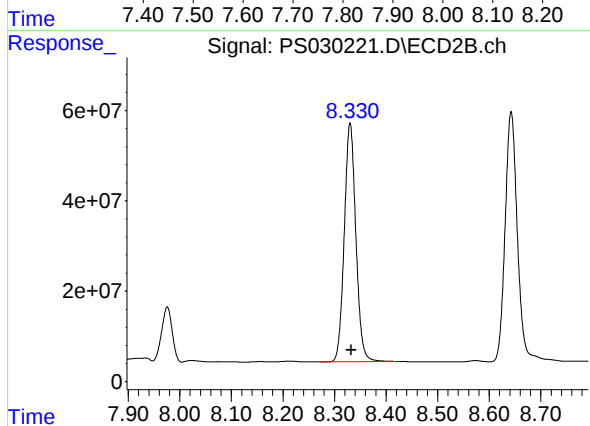
#7 MCPA

R.T.: 7.976 min
Delta R.T.: -0.007 min
Response: 183200369
Conc: 69.46 ug/ml



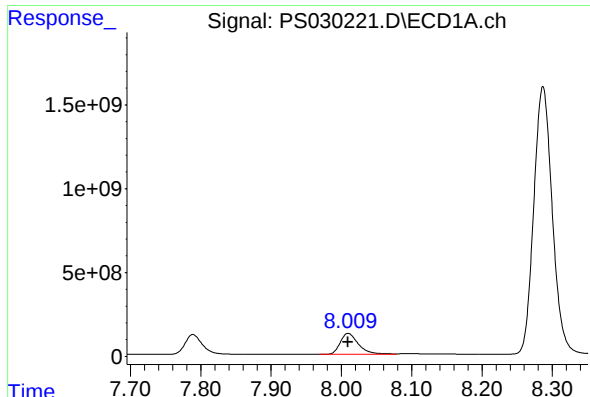
#8 DICHLORPROP

R.T.: 7.789 min
Delta R.T.: 0.000 min
Response: 2035866054
Conc: 696.89 ng/ml



#8 DICHLORPROP

R.T.: 8.330 min
Delta R.T.: -0.003 min
Response: 824519600
Conc: 697.90 ng/ml



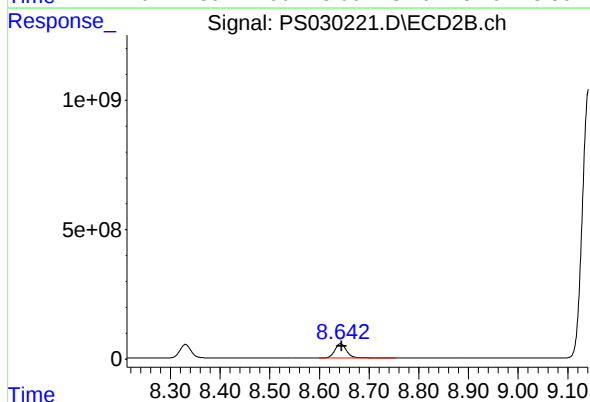
#9 2,4-D

R.T.: 8.009 min
Delta R.T.: 0.000 min
Response: 2285615391
Conc: 697.06 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

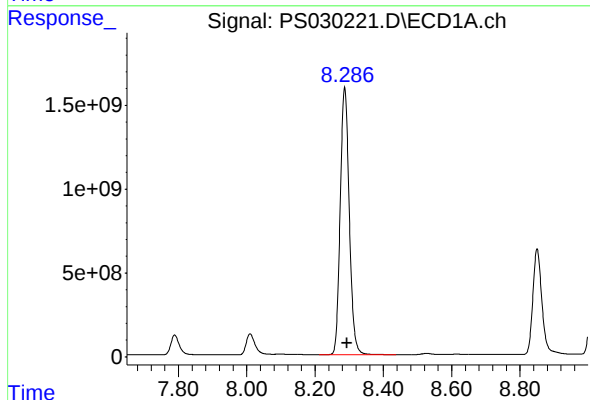
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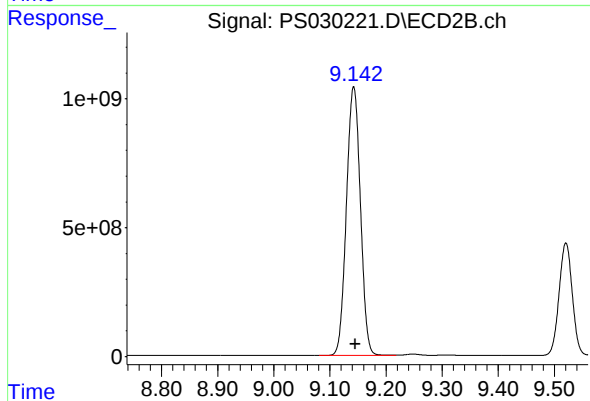
#9 2,4-D

R.T.: 8.643 min
Delta R.T.: -0.003 min
Response: 920516418
Conc: 713.30 ng/ml



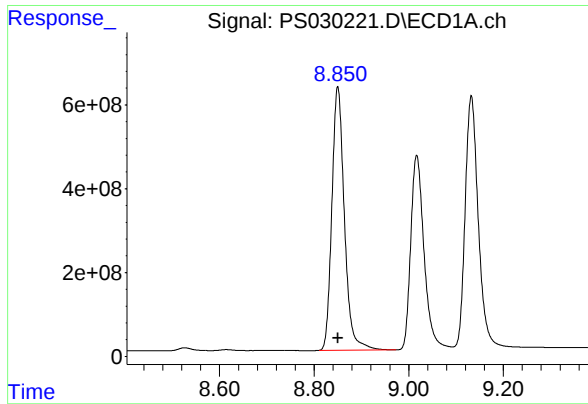
#10 Pentachlorophenol

R.T.: 8.287 min
Delta R.T.: -0.006 min
Response: 29229760397
Conc: 721.71 ng/ml



#10 Pentachlorophenol

R.T.: 9.142 min
Delta R.T.: -0.003 min
Response: 18053678672
Conc: 731.36 ng/ml



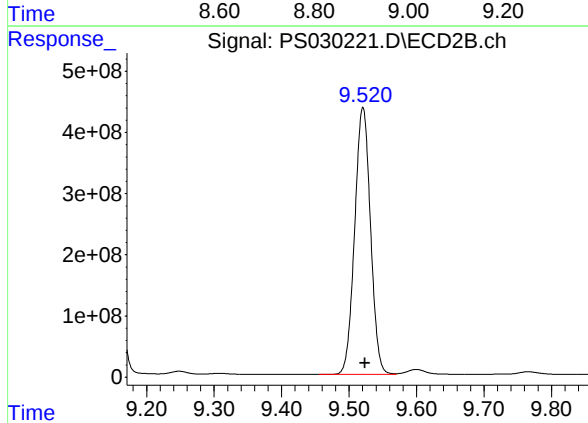
#11 2,4,5-TP (SILVEX)

R.T.: 8.850 min
Delta R.T.: 0.000 min
Response: 11561205467
Conc: 713.83 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

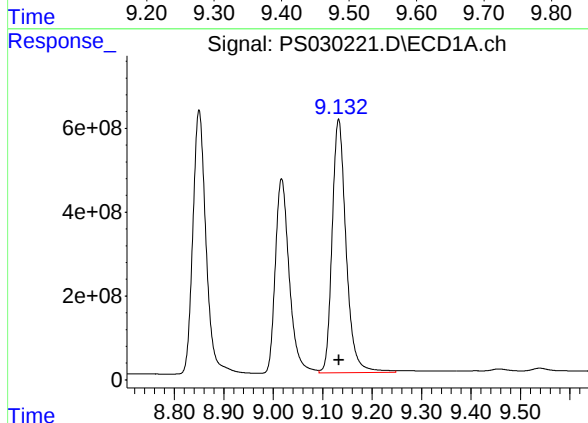
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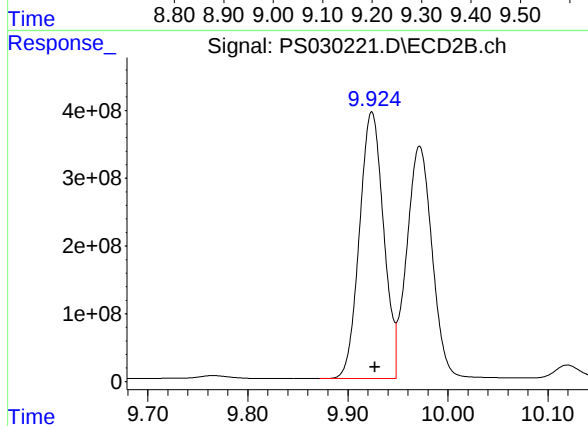
#11 2,4,5-TP (SILVEX)

R.T.: 9.521 min
Delta R.T.: -0.003 min
Response: 7122324310
Conc: 723.05 ng/ml



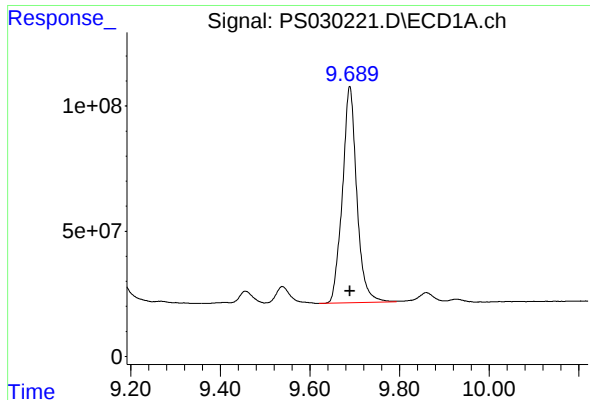
#12 2,4,5-T

R.T.: 9.132 min
Delta R.T.: 0.000 min
Response: 11813498312
Conc: 715.31 ng/ml



#12 2,4,5-T

R.T.: 9.924 min
Delta R.T.: -0.003 min
Response: 6593505868
Conc: 716.40 ng/ml



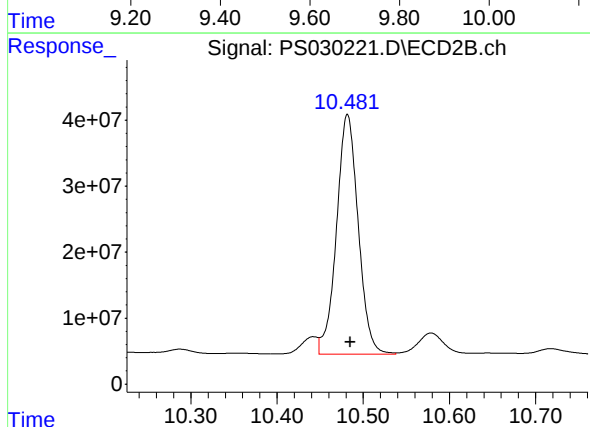
#13 2,4-DB

R.T.: 9.689 min
Delta R.T.: -0.001 min
Response: 1934169549
Conc: 741.13 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

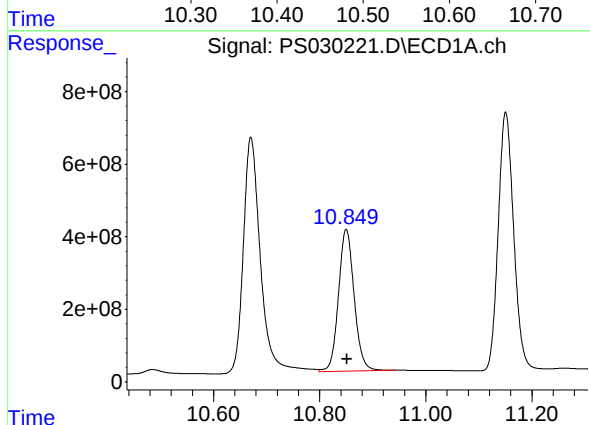
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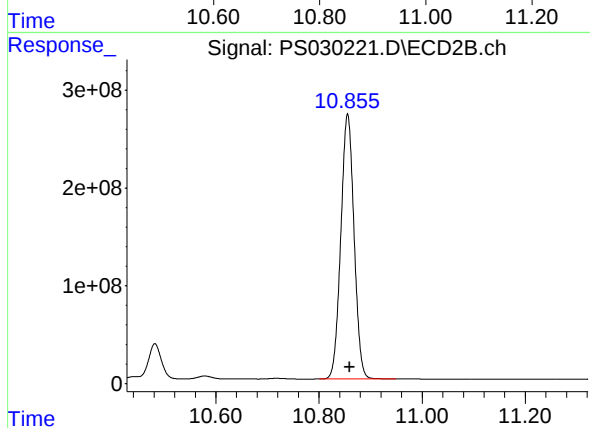
#13 2,4-DB

R.T.: 10.482 min
Delta R.T.: -0.003 min
Response: 636038294
Conc: 640.93 ng/ml



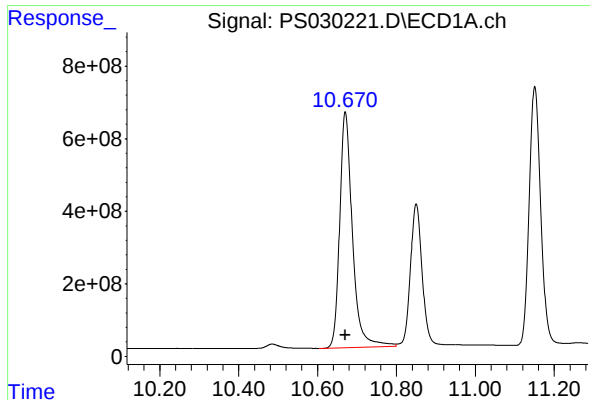
#14 DINOSEB

R.T.: 10.850 min
Delta R.T.: -0.002 min
Response: 8021063352
Conc: 701.37 ng/ml



#14 DINOSEB

R.T.: 10.855 min
Delta R.T.: -0.003 min
Response: 4822140491
Conc: 705.82 ng/ml



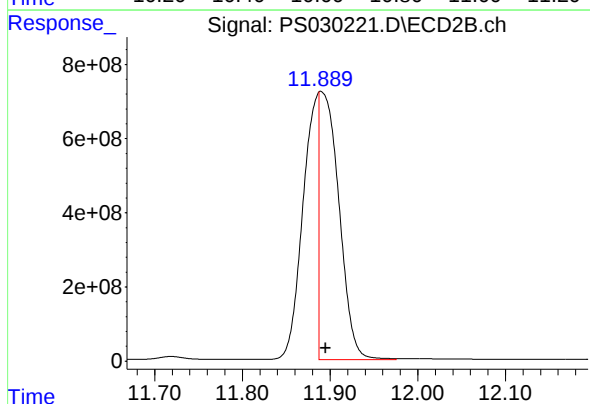
#15 Picloram

R.T.: 10.670 min
Delta R.T.: 0.000 min
Response: 14569126371
Conc: 681.21 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

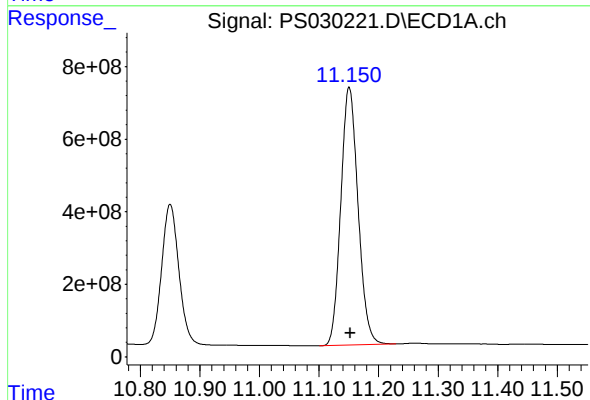
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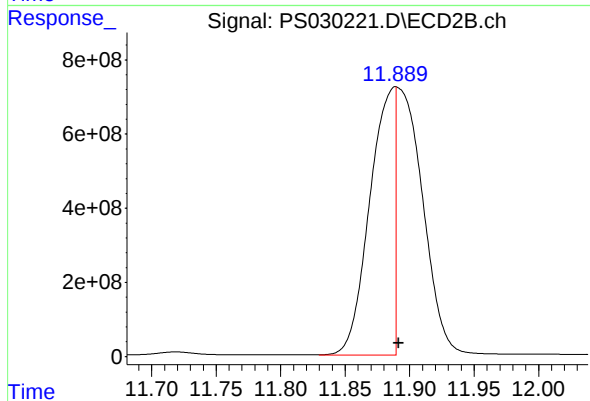
#15 Picloram

R.T.: 11.889 min
Delta R.T.: -0.006 min
Response: 11181704402
Conc: 794.54 ng/ml m



#16 DCPA

R.T.: 11.151 min
Delta R.T.: -0.002 min
Response: 14311188491
Conc: 718.74 ng/ml



#16 DCPA

R.T.: 11.889 min
Delta R.T.: -0.003 min
Response: 9948142478
Conc: 736.33 ng/ml m