

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS062725\
 Data File : PS030829.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Jun 2025 13:03
 Operator : AR\AJ
 Sample : PSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PSTDCCC750

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/30/2025
 Supervised By : mohammad ahmed 07/01/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 27 23:19:43 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS061825.M
 Quant Title : 8080.M
 QLast Update : Thu Jun 19 05:11:26 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	7.340	7.766	2677.2E6	755.2E6	728.609m	704.497
Target Compounds							
1) T	Dalapon	2.703	2.711	4015.1E6	1787.5E6	673.041	651.965
2) T	3,5-DICHL...	6.501	6.713	3629.3E6	1058.7E6	674.900	656.292
3) T	4-Nitroph...	7.141	7.299	1081.3E6	1128.7E6	685.767	651.082
5) T	DICAMBA	7.531	7.969	10602.9E6	4463.8E6	696.870	681.163
6) T	MCP	7.712	8.068	709.5E6	155.4E6	75.573m	74.080
7) T	MCPA	7.863	8.317	833.5E6	218.0E6	71.053	69.299
8) T	DICHLORPROP	8.244	8.688	2437.0E6	1017.4E6	650.608	646.970
9) T	2,4-D	8.476	9.024	2368.6E6	1126.7E6	687.655	662.999
10) T	Pentachlo...	8.784	9.548	38141.4E6	26762.2E6	720.662	702.013
11) T	2,4,5-TP ...	9.364	9.929	14338.1E6	9896.9E6	715.816	685.918
12) T	2,4,5-T	9.658	10.354	12493.7E6	9466.0E6	759.350	692.741
13) T	2,4-DB	10.236	10.922	1867.2E6	795.8E6	814.134	672.736
14) T	DINOSEB	11.452	11.307	9905.6E6	7249.4E6	714.012m	672.412
15) T	Picloram	11.262	12.417	13062.6E6	16545.6E6	812.547m	711.901
16) T	DCPA	11.749	12.351	18868.7E6	15578.7E6	736.592	706.750m

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

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Acq On : 27 Jun 2025 13:03
Operator : AR\AJ
Sample : PSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

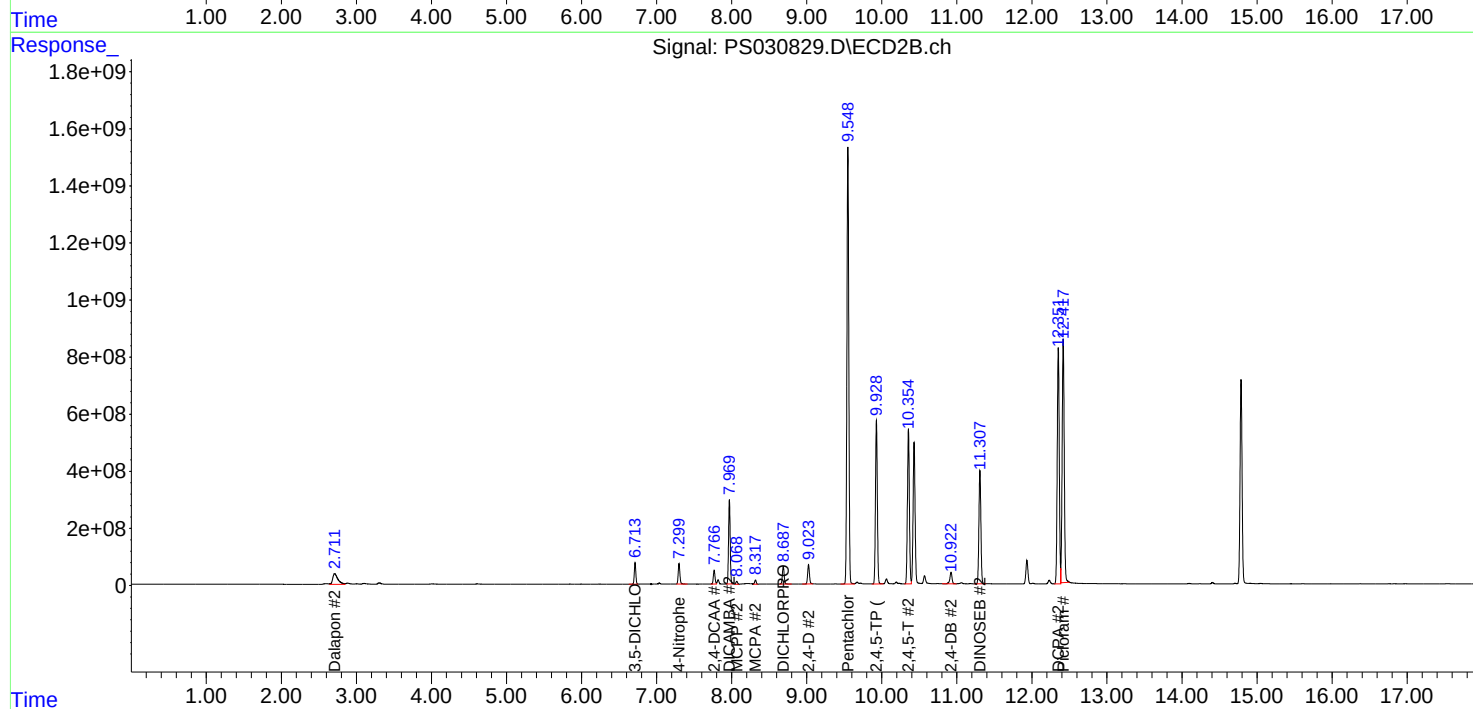
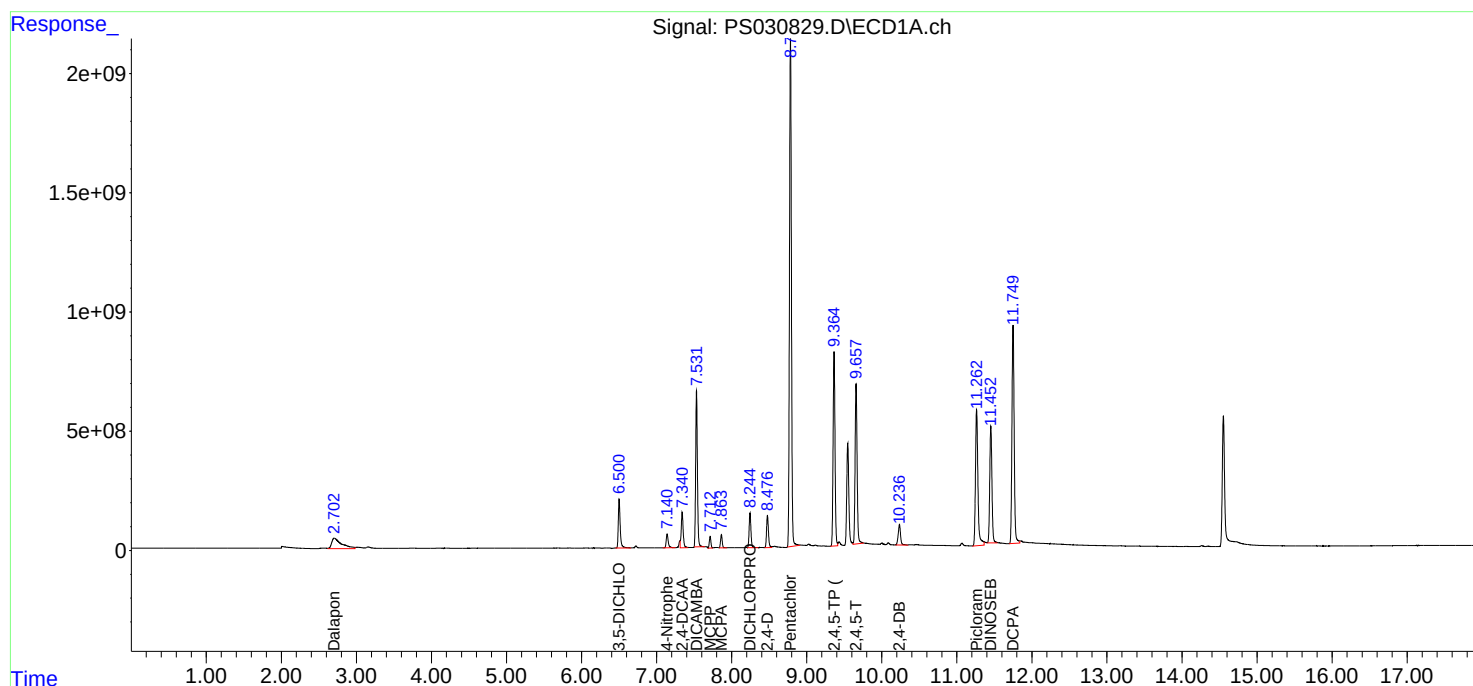
Instrument :
ECD_S
ClientSampleId :
PSTDCCC750

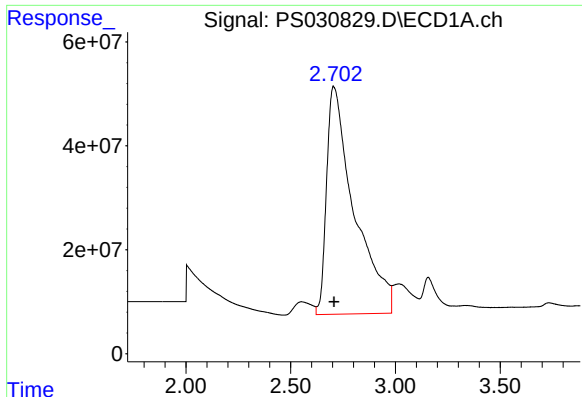
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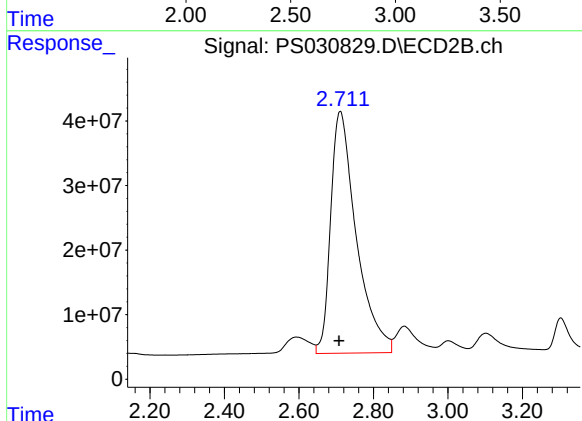
#1 Dalapon

R.T.: 2.703 min
Delta R.T.: -0.005 min
Response: 4015114214
Conc: 673.04 ng/ml

Instrument :
ECD_S
ClientSampleId :
PSTDCCC750

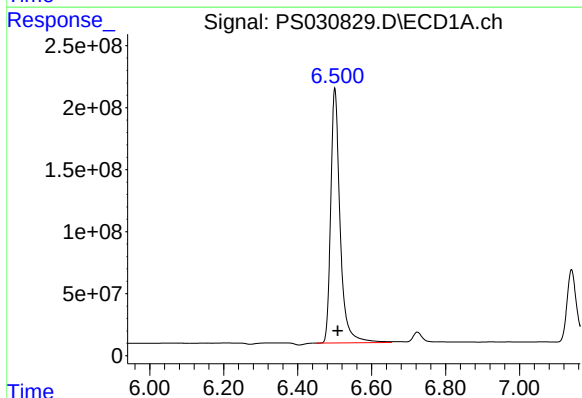
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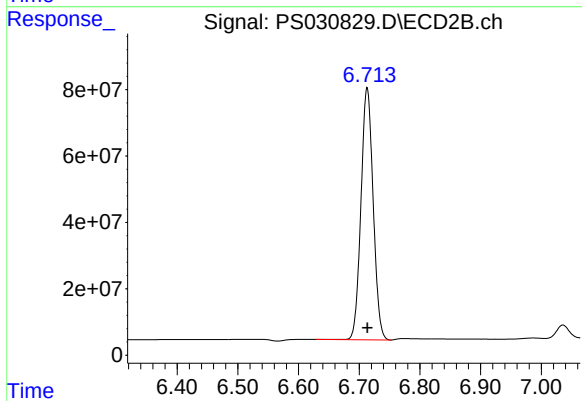
#1 Dalapon

R.T.: 2.711 min
Delta R.T.: 0.003 min
Response: 1787521220
Conc: 651.97 ng/ml



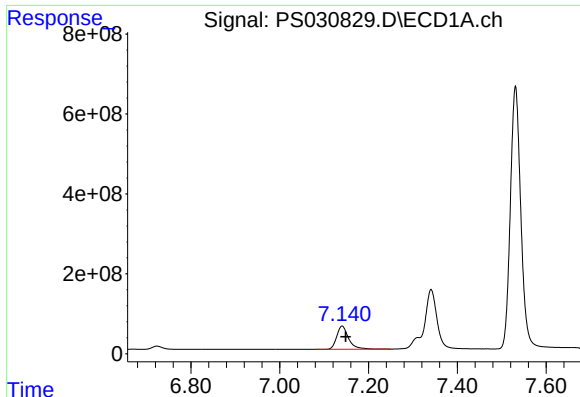
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.501 min
Delta R.T.: -0.008 min
Response: 3629307897
Conc: 674.90 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.713 min
Delta R.T.: 0.000 min
Response: 1058697774
Conc: 656.29 ng/ml



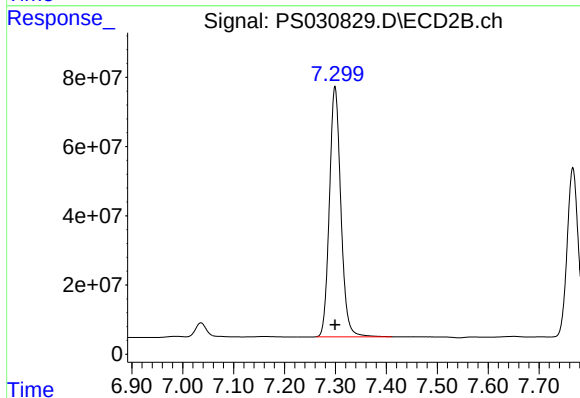
#3 4-Nitrophenol

R.T.: 7.141 min
Delta R.T.: -0.008 min
Response: 1081295365
Conc: 685.77 ng/ml

Instrument :
ECD_S
ClientSampleId :
PSTDCCC750

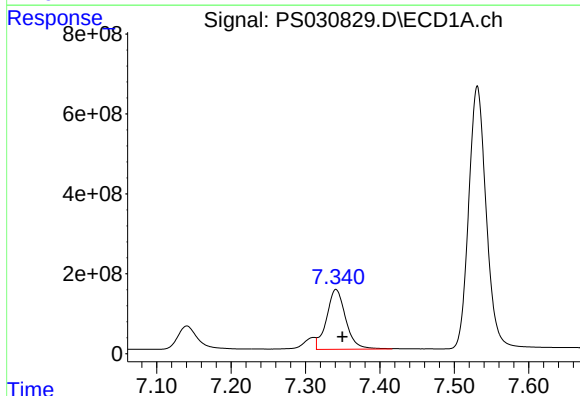
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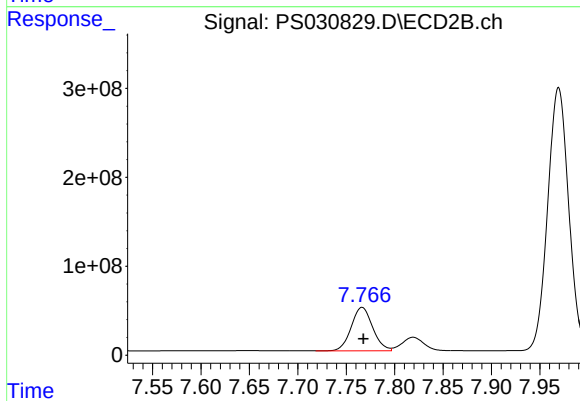
#3 4-Nitrophenol

R.T.: 7.299 min
Delta R.T.: 0.000 min
Response: 1128673657
Conc: 651.08 ng/ml



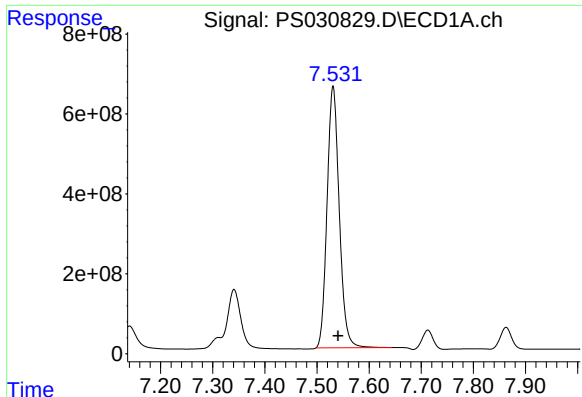
#4 2,4-DCAA

R.T.: 7.340 min
Delta R.T.: -0.009 min
Response: 2677196266
Conc: 728.61 ng/ml m



#4 2,4-DCAA

R.T.: 7.766 min
Delta R.T.: -0.002 min
Response: 755194928
Conc: 704.50 ng/ml



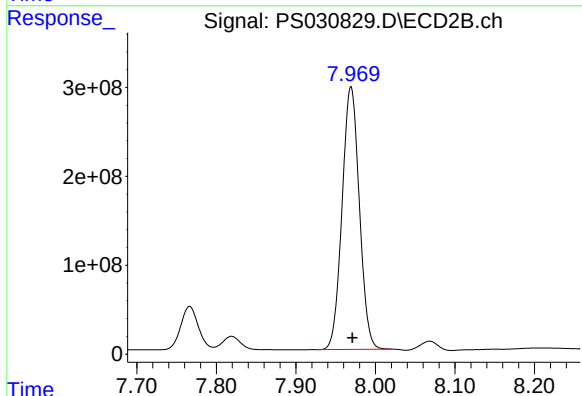
#5 DICAMBA

R.T.: 7.531 min
Delta R.T.: -0.010 min
Response: 10602949255
Conc: 696.87 ng/ml

Instrument :
ECD_S
ClientSampleId :
PSTDCCC750

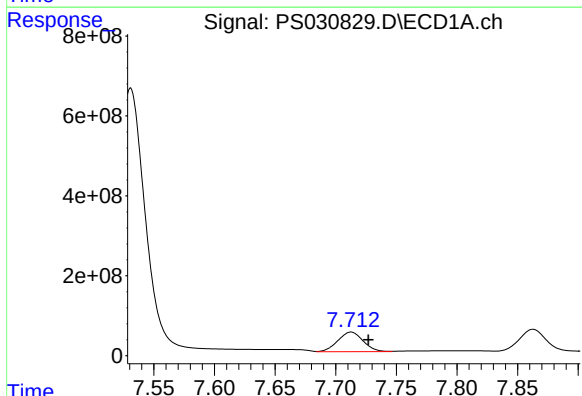
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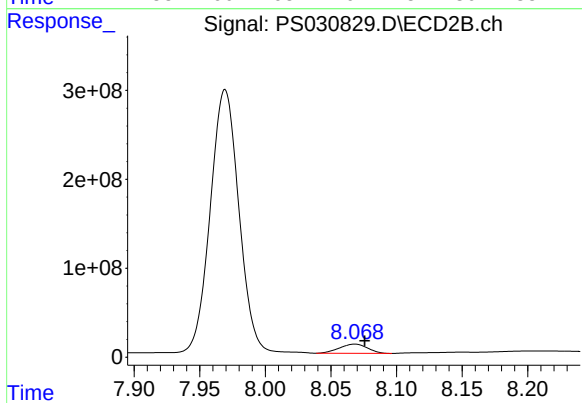
#5 DICAMBA

R.T.: 7.969 min
Delta R.T.: -0.002 min
Response: 4463806241
Conc: 681.16 ng/ml



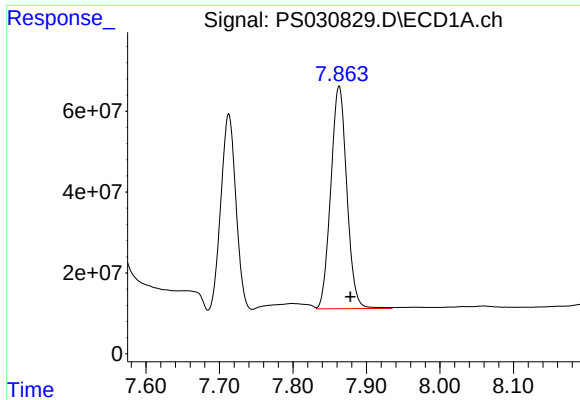
#6 MCPP

R.T.: 7.712 min
Delta R.T.: -0.015 min
Response: 709505986
Conc: 75.57 ug/ml m



#6 MCPP

R.T.: 8.068 min
Delta R.T.: -0.008 min
Response: 155368417
Conc: 74.08 ug/ml



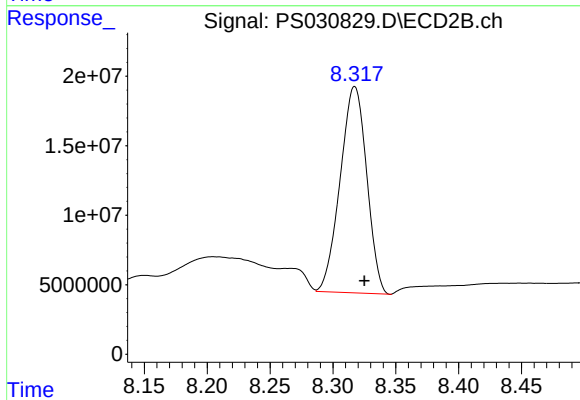
#7 MCPA

R.T.: 7.863 min
Delta R.T.: -0.015 min
Response: 833491220
Conc: 71.05 ug/ml

Instrument :
ECD_S
ClientSampleId :
PSTDCCC750

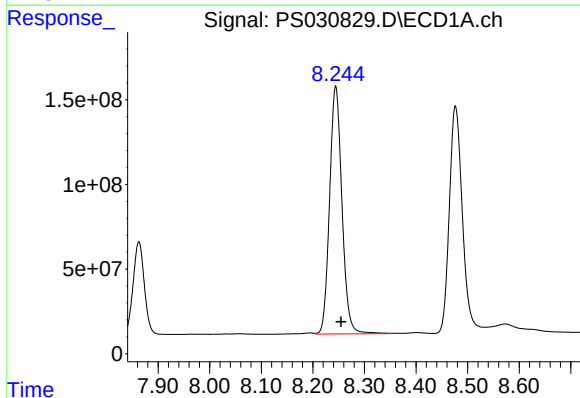
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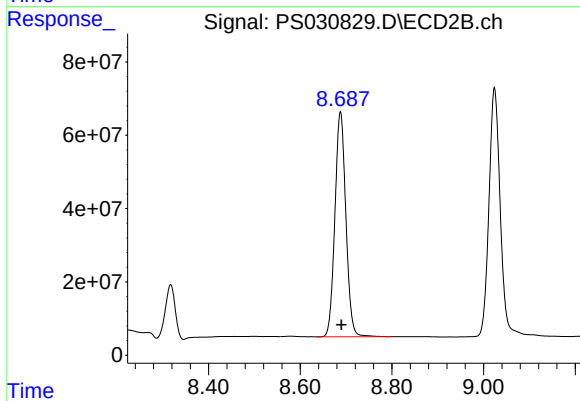
#7 MCPA

R.T.: 8.317 min
Delta R.T.: -0.008 min
Response: 217997542
Conc: 69.30 ug/ml



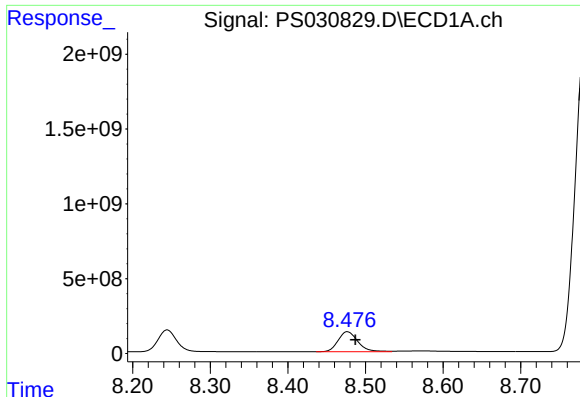
#8 DICHLORPROP

R.T.: 8.244 min
Delta R.T.: -0.010 min
Response: 2437022900
Conc: 650.61 ng/ml



#8 DICHLORPROP

R.T.: 8.688 min
Delta R.T.: -0.002 min
Response: 1017358090
Conc: 646.97 ng/ml



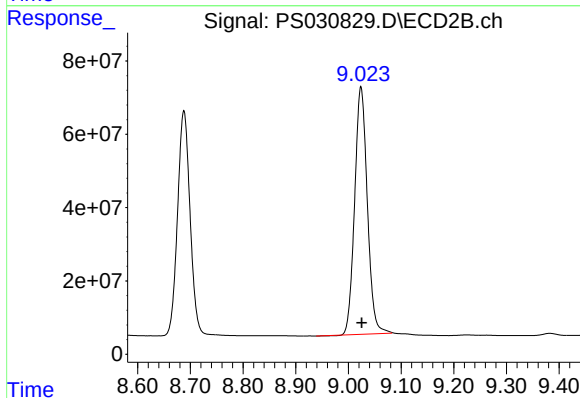
#9 2,4-D

R.T.: 8.476 min
Delta R.T.: -0.011 min
Response: 2368566809
Conc: 687.65 ng/ml

Instrument :
ECD_S
ClientSampleId :
PSTDCCC750

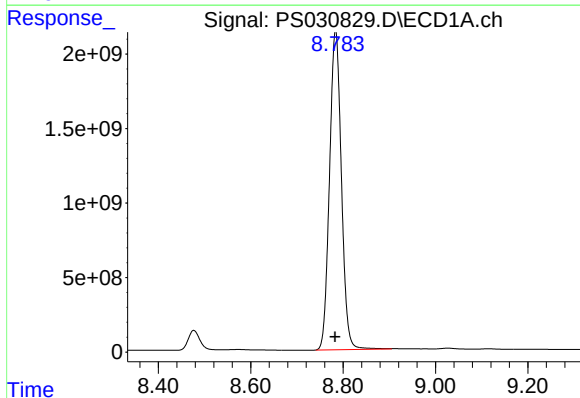
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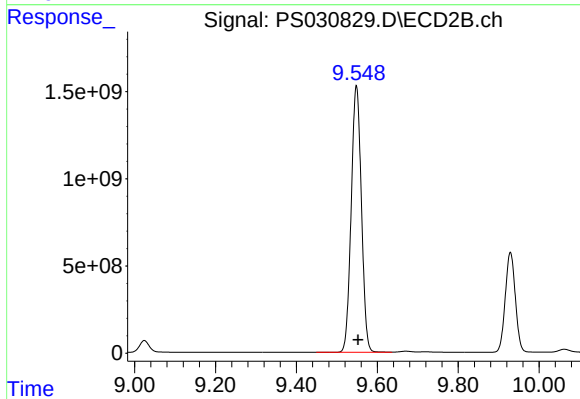
#9 2,4-D

R.T.: 9.024 min
Delta R.T.: -0.002 min
Response: 1126703427
Conc: 663.00 ng/ml



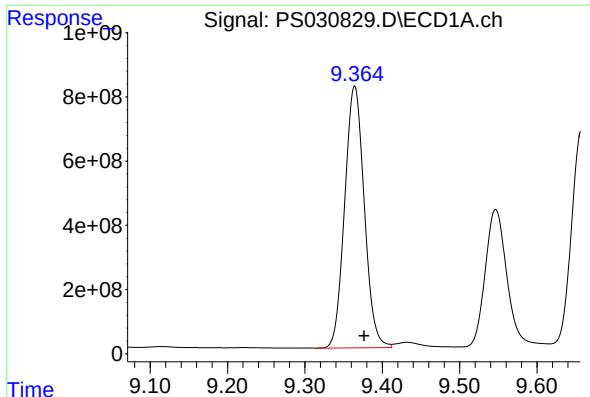
#10 Pentachlorophenol

R.T.: 8.784 min
Delta R.T.: 0.000 min
Response: 38141366770
Conc: 720.66 ng/ml



#10 Pentachlorophenol

R.T.: 9.548 min
Delta R.T.: -0.005 min
Response: 26762196953
Conc: 702.01 ng/ml



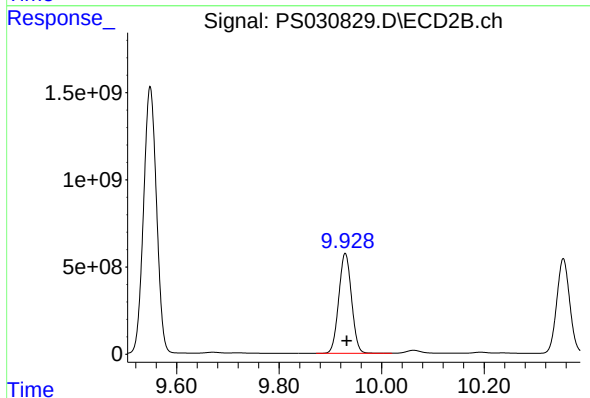
#11 2,4,5-TP (SILVEX)

R.T.: 9.364 min
Delta R.T.: -0.012 min
Response: 14338089113
Conc: 715.82 ng/ml

Instrument :
ECD_S
ClientSampleId :
PSTDCCC750

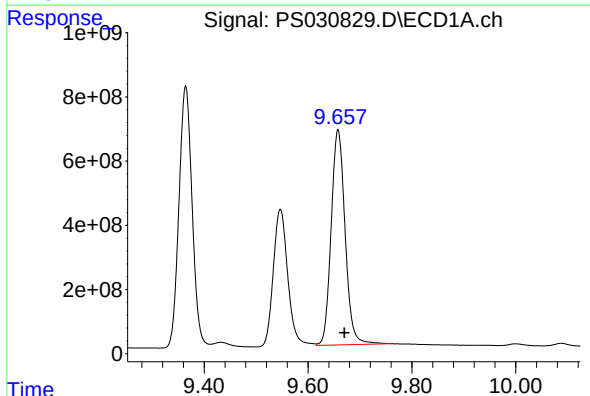
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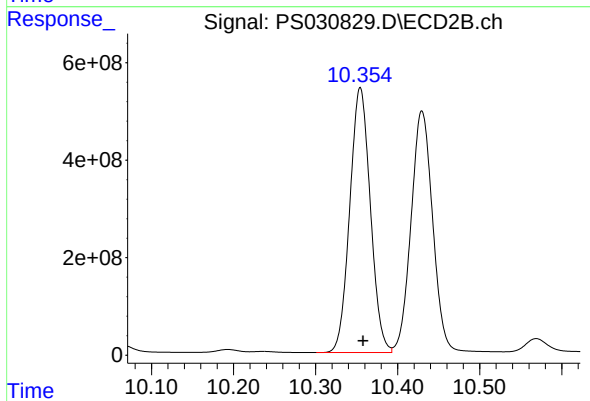
#11 2,4,5-TP (SILVEX)

R.T.: 9.929 min
Delta R.T.: -0.003 min
Response: 9896906452
Conc: 685.92 ng/ml



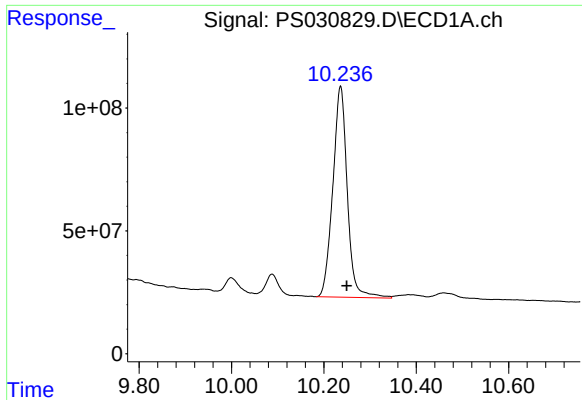
#12 2,4,5-T

R.T.: 9.658 min
Delta R.T.: -0.013 min
Response: 12493707824
Conc: 759.35 ng/ml



#12 2,4,5-T

R.T.: 10.354 min
Delta R.T.: -0.003 min
Response: 9466043273
Conc: 692.74 ng/ml



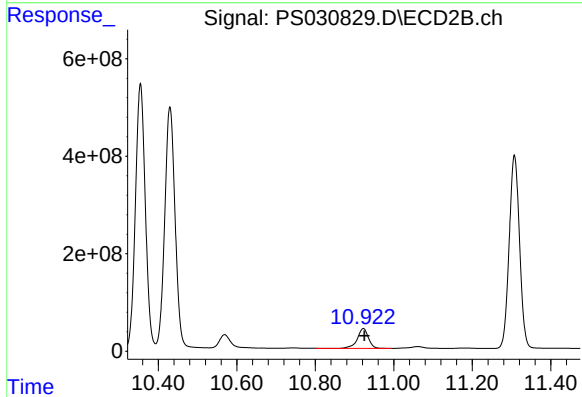
#13 2,4-DB

R.T.: 10.236 min
Delta R.T.: -0.014 min
Response: 1867219108
Conc: 814.13 ng/ml

Instrument :
ECD_S
ClientSampleId :
PSTDCCC750

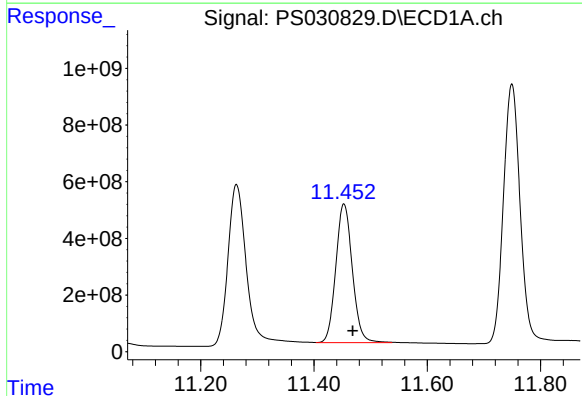
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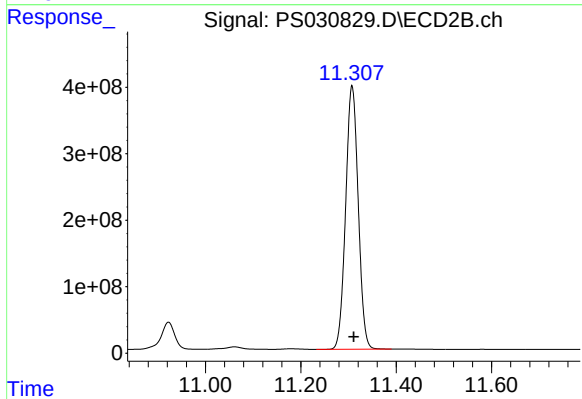
#13 2,4-DB

R.T.: 10.922 min
Delta R.T.: -0.003 min
Response: 795782124
Conc: 672.74 ng/ml



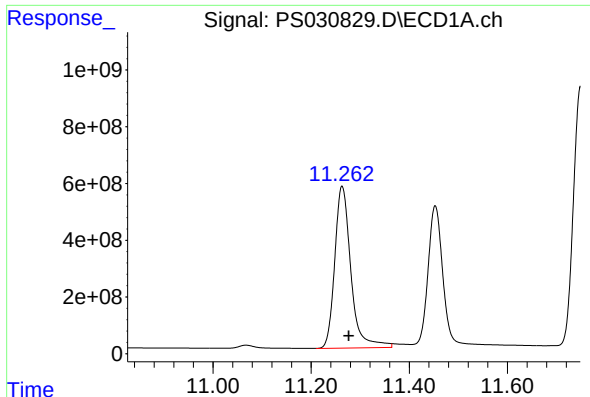
#14 DINOSEB

R.T.: 11.452 min
Delta R.T.: -0.016 min
Response: 9905617817
Conc: 714.01 ng/ml m



#14 DINOSEB

R.T.: 11.307 min
Delta R.T.: -0.004 min
Response: 7249444049
Conc: 672.41 ng/ml



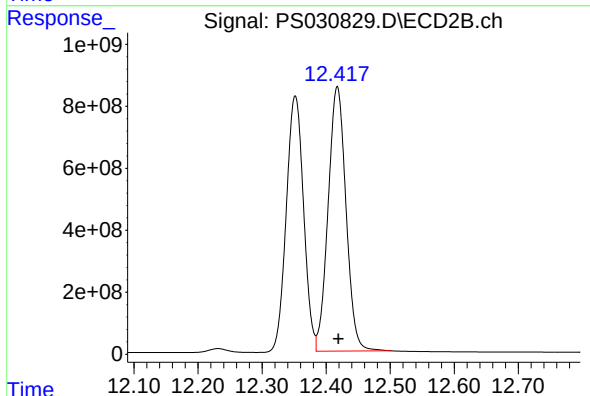
#15 Picloram

R.T.: 11.262 min
Delta R.T.: -0.014 min
Response: 13062594306
Conc: 812.55 ng/ml

Instrument :
ECD_S
ClientSampleId :
PSTDCCC750

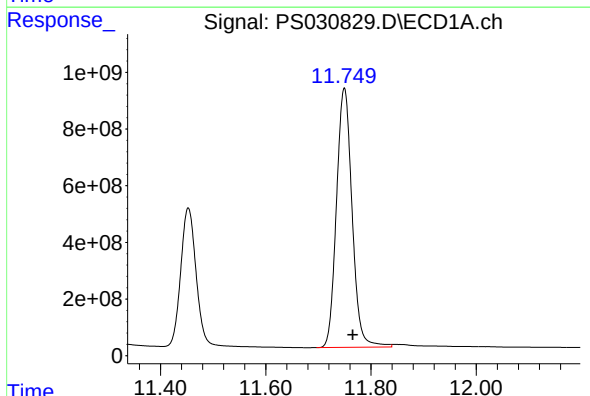
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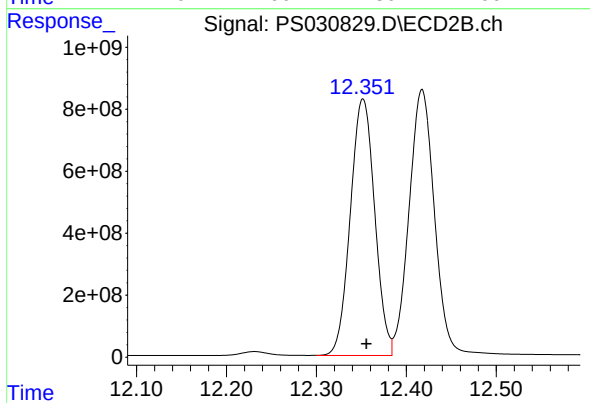
#15 Picloram

R.T.: 12.417 min
Delta R.T.: -0.002 min
Response: 16545583722
Conc: 711.90 ng/ml



#16 DCPA

R.T.: 11.749 min
Delta R.T.: -0.016 min
Response: 18868730831
Conc: 736.59 ng/ml



#16 DCPA

R.T.: 12.351 min
Delta R.T.: -0.004 min
Response: 15578740071
Conc: 706.75 ng/ml m