

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS051925\
 Data File : PS030280.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 May 2025 18:13
 Operator : AR\AJ
 Sample : PB167996BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PB167996BS

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 05:42:50 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	6.932	7.450	1576.6E6	431.7E6	553.633	539.470
Target Compounds							
1) T	Dalapon	2.445	2.519	2484.1E6	993.0E6	505.384	488.932
2) T	3,5-DICHL...	6.137	6.451	2135.8E6	554.9E6	512.115	475.998
3) T	4-Nitroph...	6.723	6.986	1043.6E6	456.1E6	505.228	436.849
5) T	DICAMBA	7.108	7.636	6004.5E6	2404.1E6	519.542	508.483
6) T	MCPD	7.286	7.743	382.3E6	90072432	52.500	48.959
7) T	MCPA	7.429	7.972	514.5E6	130.2E6	49.558	49.349
8) T	DICHLORPROP	7.788	8.328	1509.5E6	592.8E6	516.725	501.772
9) T	2,4-D	8.008	8.640	1713.9E6	665.8E6	522.706	515.935
10) T	Pentachlo...	8.285	9.140	21866.4E6	13204.8E6	539.902	534.935
11) T	2,4,5-TP ...	8.849	9.519	8605.9E6	5170.4E6	531.358	524.888
12) T	2,4,5-T	9.130	9.922	8831.4E6	4796.2E6	534.747	521.117
13) T	2,4-DB	9.688	10.480	1472.5E6	452.1E6	564.207	455.529
14) T	DINOSEB	10.849	10.853	5993.5E6	3504.8E6	524.073	512.993
15) T	Picloram	10.669	11.888	11372.7E6	7204.4E6	531.760	511.927m
16) T	DCPA	11.150	11.888	10673.0E6	7246.9E6	536.021	536.390m

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

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Acq On : 19 May 2025 18:13
Operator : AR\AJ
Sample : PB167996BS
Misc :
ALS Vial : 20 Sample Multiplier: 1

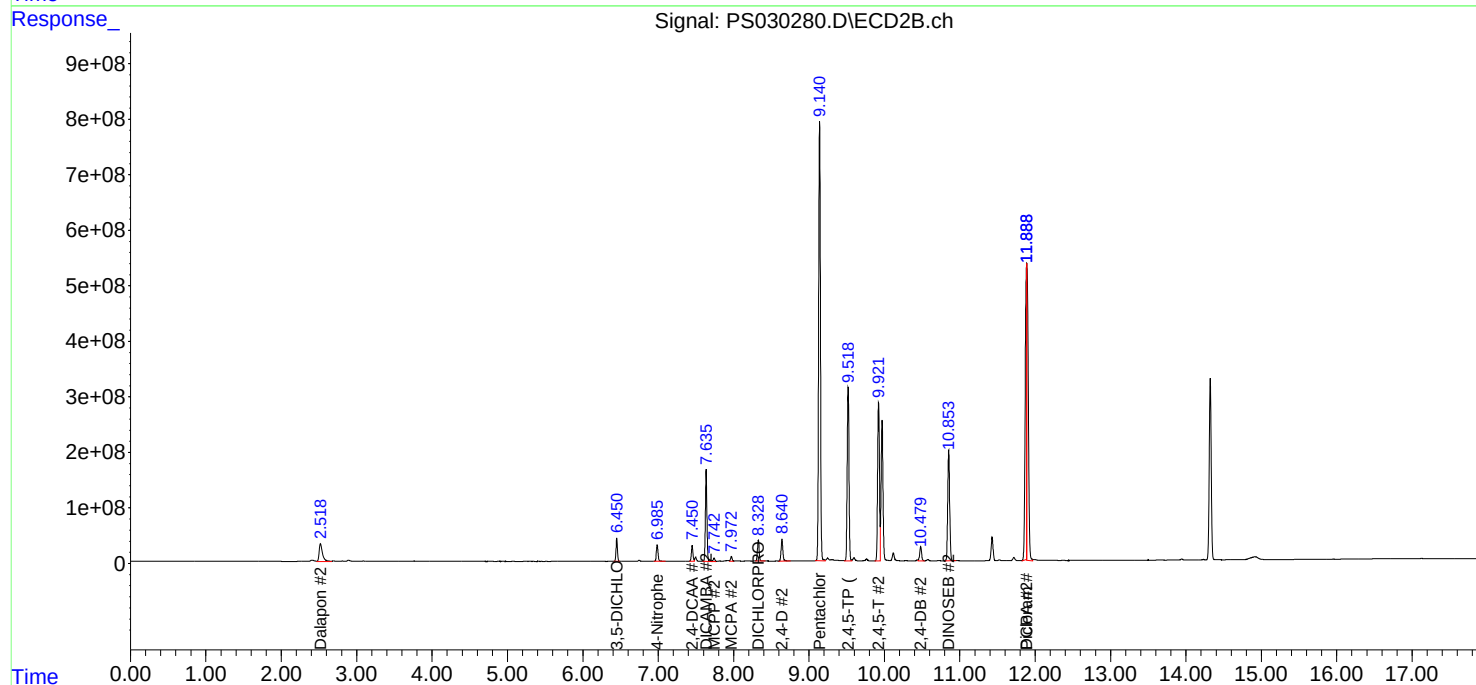
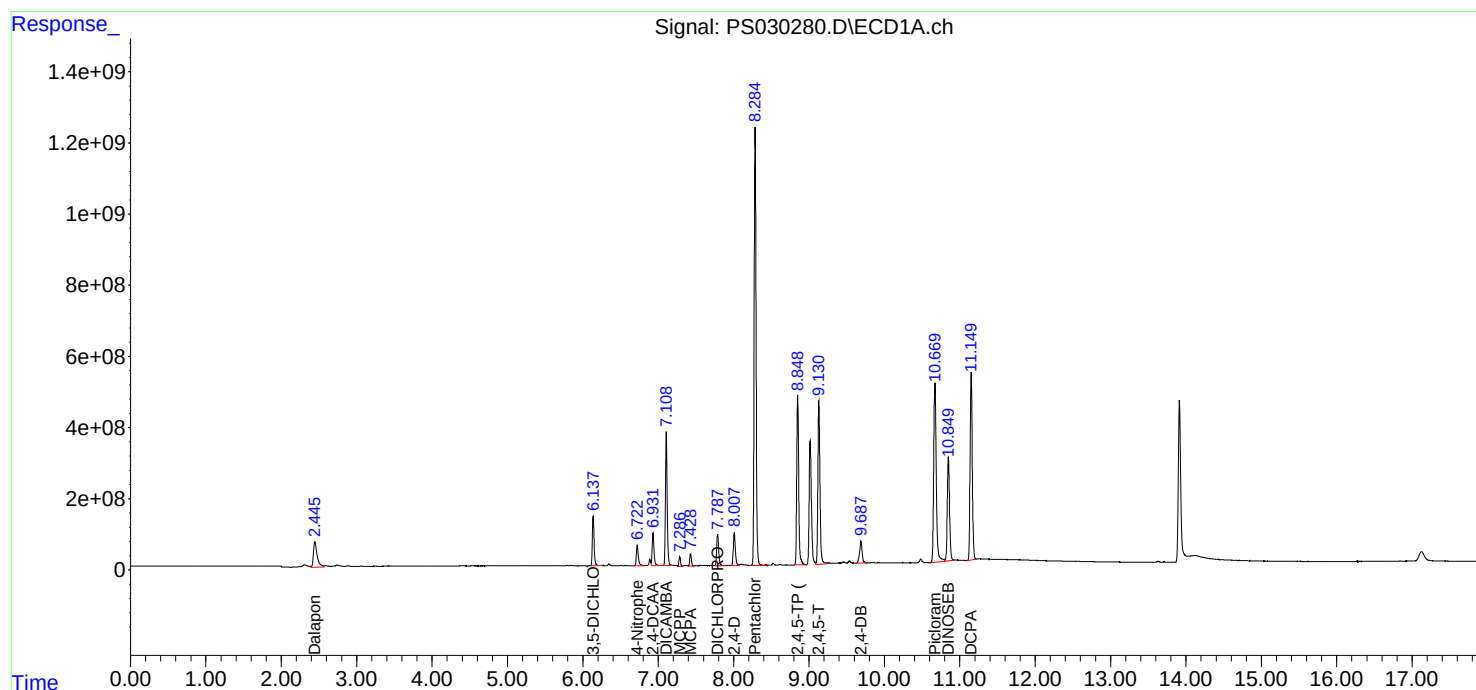
Instrument :
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ClientSampleId :
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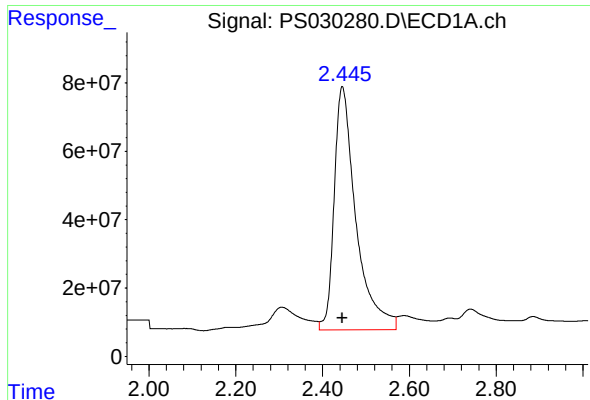
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 20 05:42:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
Quant Title : 8080.M
QLast Update : Mon May 12 14:29:24 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
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Signal #1 Info : 30M x 0.32mm x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





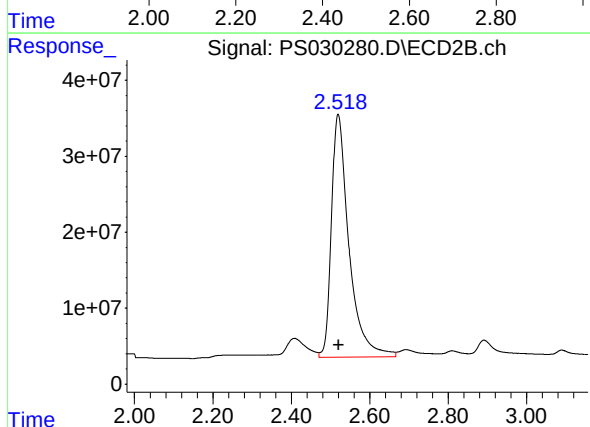
#1 Dalapon

R.T.: 2.445 min
Delta R.T.: 0.000 min
Response: 2484144721
Conc: 505.38 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167996BS

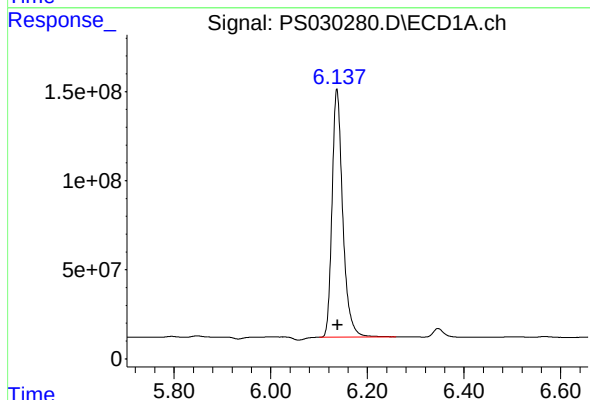
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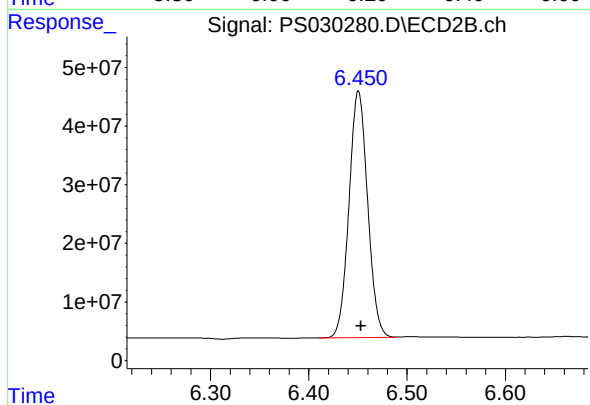
#1 Dalapon

R.T.: 2.519 min
Delta R.T.: -0.001 min
Response: 993044658
Conc: 488.93 ng/ml



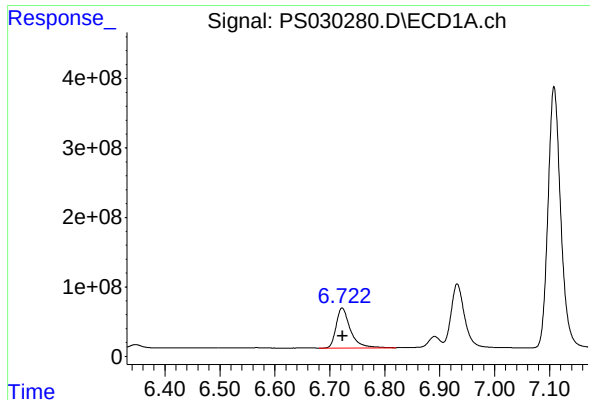
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.137 min
Delta R.T.: -0.002 min
Response: 2135803451
Conc: 512.12 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.451 min
Delta R.T.: -0.003 min
Response: 554933055
Conc: 476.00 ng/ml



#3 4-Nitrophenol

R.T.: 6.723 min
Delta R.T.: -0.001 min
Response: 1043605672
Conc: 505.23 ng/ml

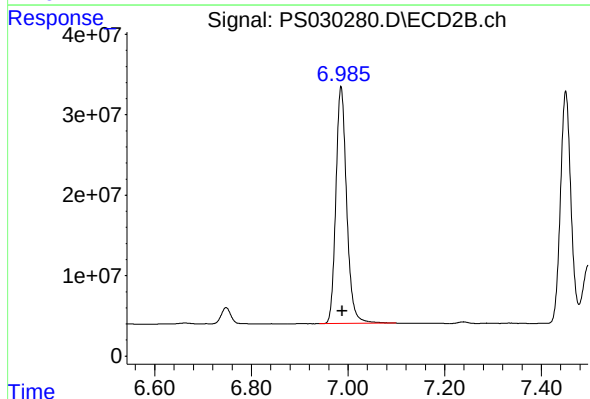
Instrument :

ECD_S

ClientSampleId :
PB167996BS

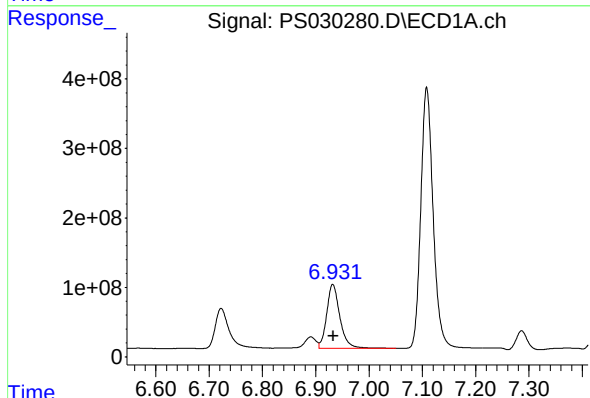
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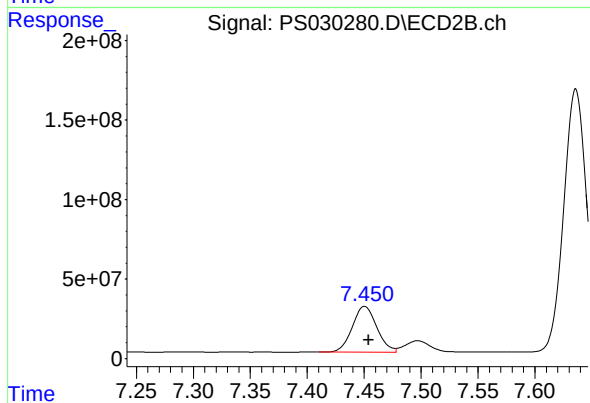
#3 4-Nitrophenol

R.T.: 6.986 min
Delta R.T.: -0.003 min
Response: 456084718
Conc: 436.85 ng/ml



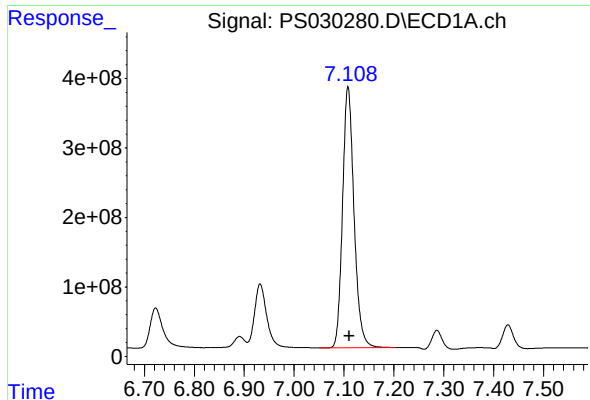
#4 2,4-DCAA

R.T.: 6.932 min
Delta R.T.: -0.002 min
Response: 1576641973
Conc: 553.63 ng/ml



#4 2,4-DCAA

R.T.: 7.450 min
Delta R.T.: -0.003 min
Response: 431685634
Conc: 539.47 ng/ml



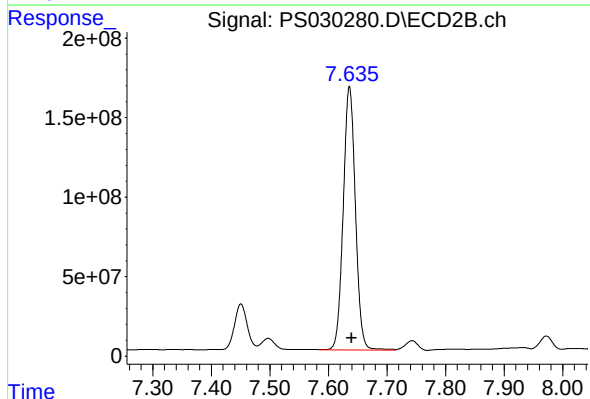
#5 DICAMBA

R.T.: 7.108 min
Delta R.T.: -0.002 min
Response: 6004533033
Conc: 519.54 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167996BS

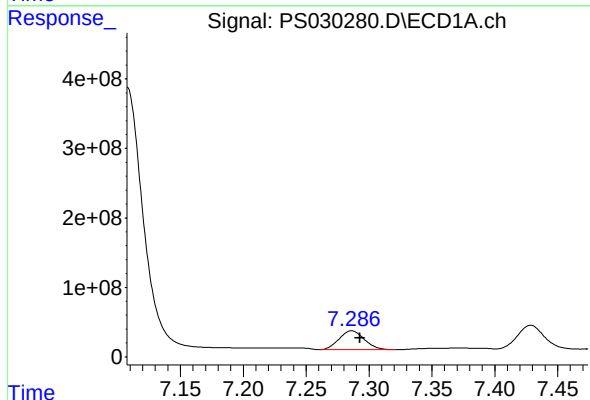
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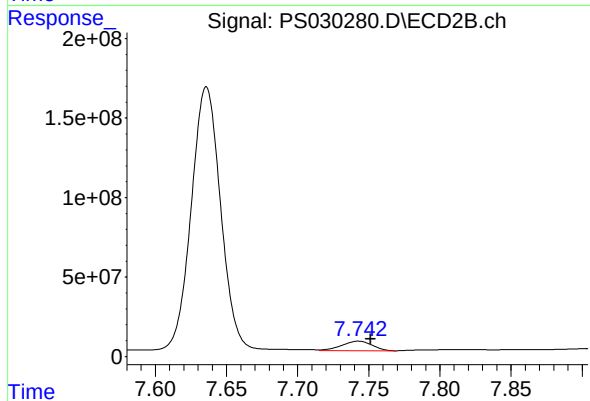
#5 DICAMBA

R.T.: 7.636 min
Delta R.T.: -0.004 min
Response: 2404097316
Conc: 508.48 ng/ml



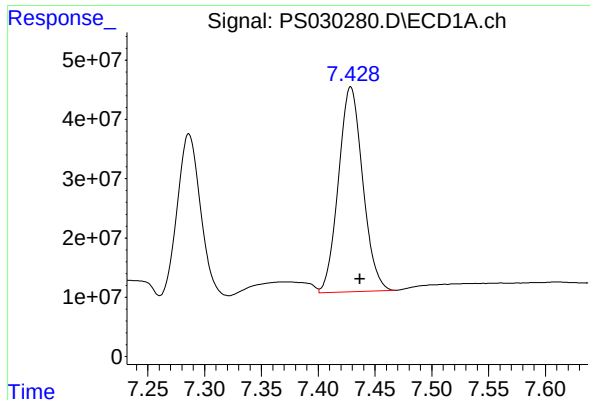
#6 MCPP

R.T.: 7.286 min
Delta R.T.: -0.007 min
Response: 382343106
Conc: 52.50 ug/ml



#6 MCPP

R.T.: 7.743 min
Delta R.T.: -0.009 min
Response: 90072432
Conc: 48.96 ug/ml



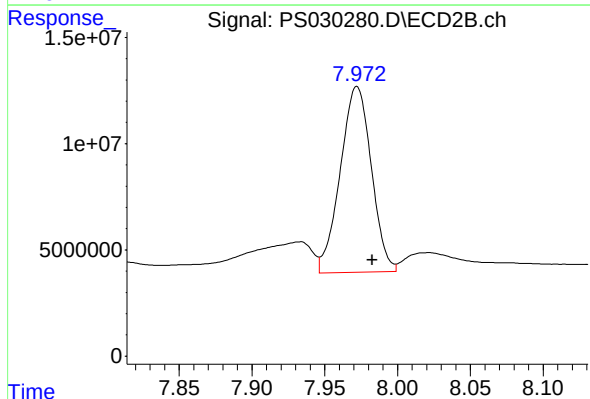
#7 MCPA

R.T.: 7.429 min
Delta R.T.: -0.008 min
Response: 514459729
Conc: 49.56 ug/ml

Instrument :
ECD_S
ClientSampleId :
PB167996BS

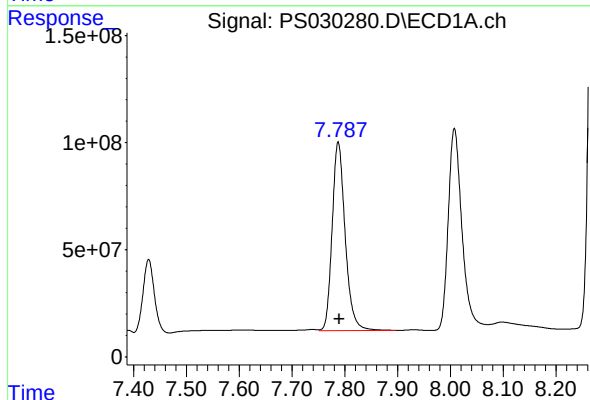
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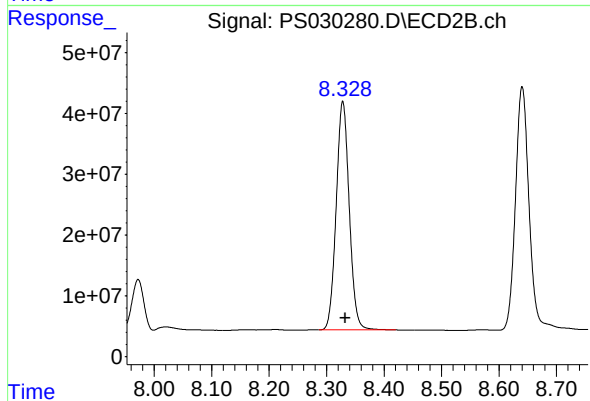
#7 MCPA

R.T.: 7.972 min
Delta R.T.: -0.011 min
Response: 130166566
Conc: 49.35 ug/ml



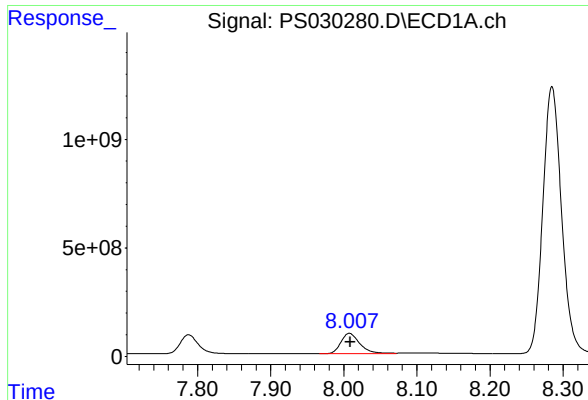
#8 DICHLORPROP

R.T.: 7.788 min
Delta R.T.: -0.002 min
Response: 1509532114
Conc: 516.73 ng/ml



#8 DICHLORPROP

R.T.: 8.328 min
Delta R.T.: -0.005 min
Response: 592809732
Conc: 501.77 ng/ml



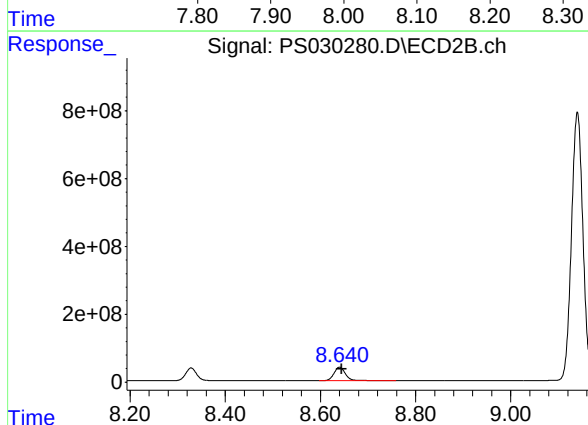
#9 2,4-D

R.T.: 8.008 min
Delta R.T.: -0.002 min
Response: 1713919790
Conc: 522.71 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167996BS

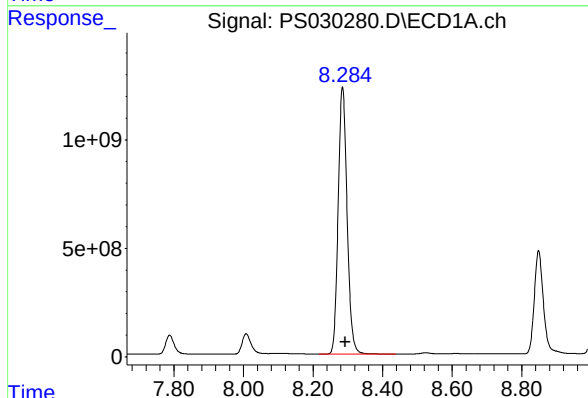
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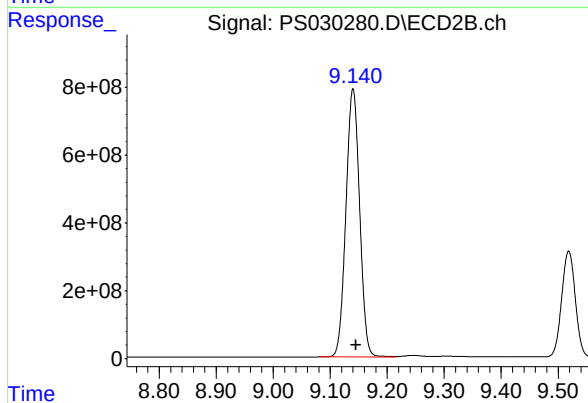
#9 2,4-D

R.T.: 8.640 min
Delta R.T.: -0.005 min
Response: 665814512
Conc: 515.94 ng/ml



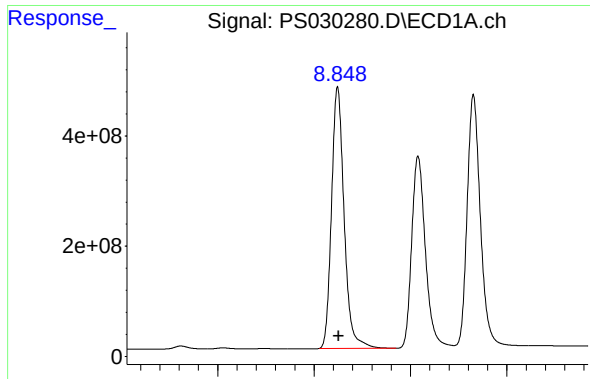
#10 Pentachlorophenol

R.T.: 8.285 min
Delta R.T.: -0.008 min
Response: 21866443953
Conc: 539.90 ng/ml



#10 Pentachlorophenol

R.T.: 9.140 min
Delta R.T.: -0.005 min
Response: 13204843379
Conc: 534.93 ng/ml



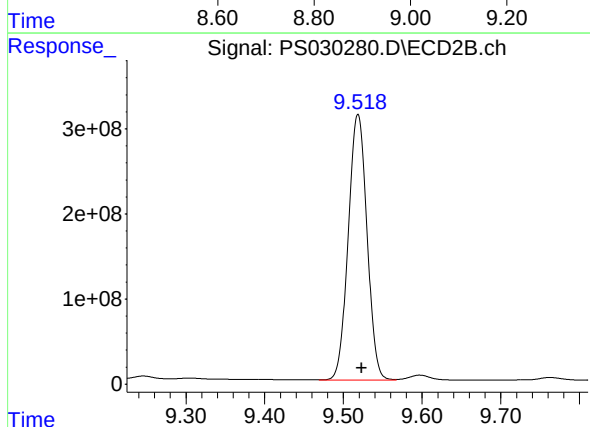
#11 2,4,5-TP (SILVEX)

R.T.: 8.849 min
Delta R.T.: -0.002 min
Response: 8605877090
Conc: 531.36 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167996BS

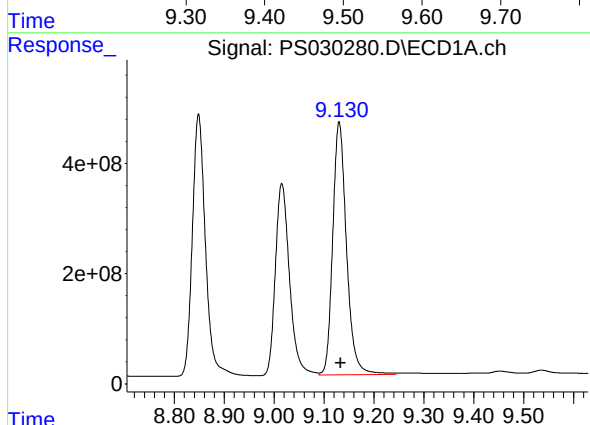
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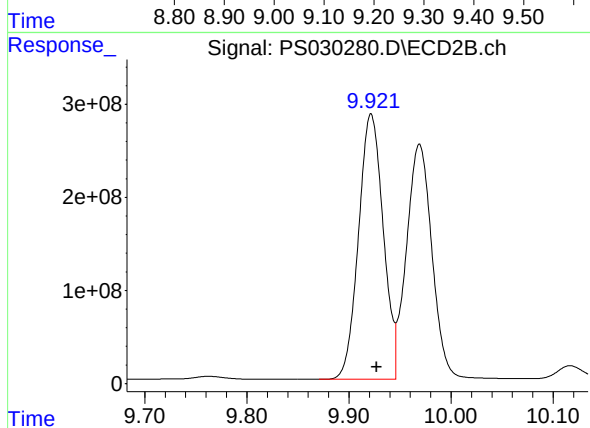
#11 2,4,5-TP (SILVEX)

R.T.: 9.519 min
Delta R.T.: -0.005 min
Response: 5170374418
Conc: 524.89 ng/ml



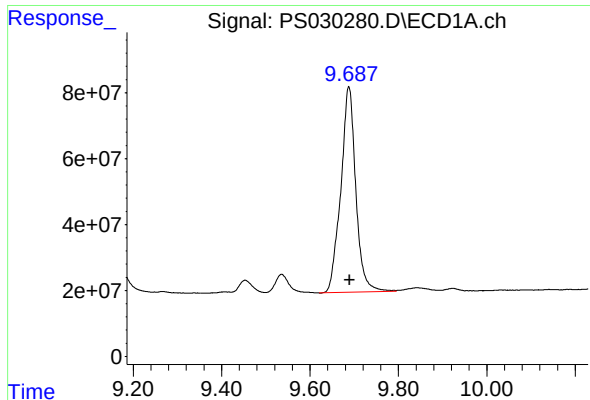
#12 2,4,5-T

R.T.: 9.130 min
Delta R.T.: -0.003 min
Response: 8831447065
Conc: 534.75 ng/ml



#12 2,4,5-T

R.T.: 9.922 min
Delta R.T.: -0.005 min
Response: 4796160061
Conc: 521.12 ng/ml



#13 2,4-DB

R.T.: 9.688 min
Delta R.T.: -0.002 min
Response: 1472452294
Conc: 564.21 ng/ml

Instrument :

ECD_S

ClientSampleId :

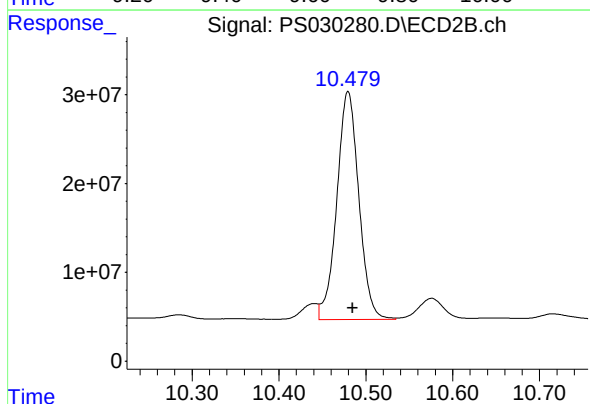
PB167996BS

Manual Integrations

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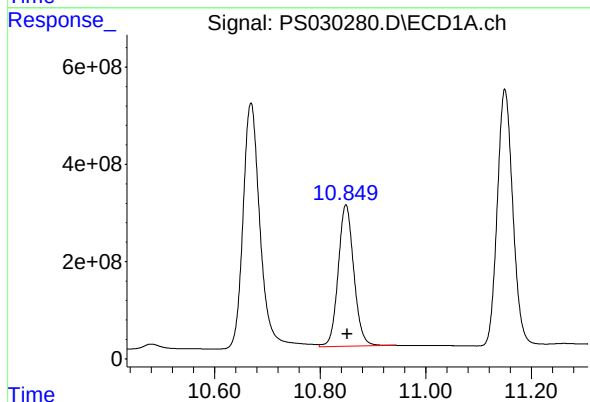
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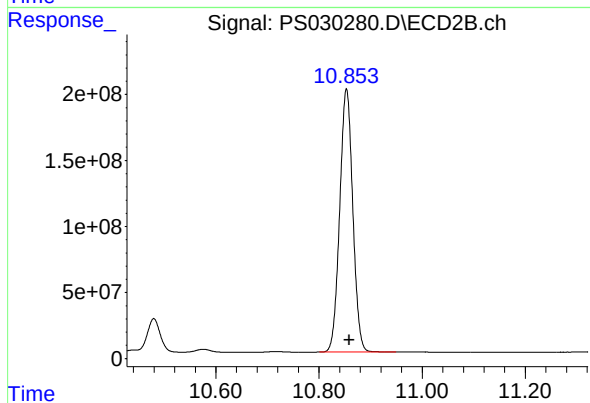
#13 2,4-DB

R.T.: 10.480 min
Delta R.T.: -0.005 min
Response: 452053960
Conc: 455.53 ng/ml



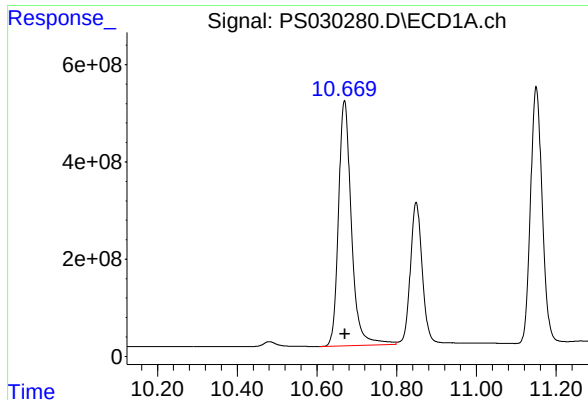
#14 DINOSEB

R.T.: 10.849 min
Delta R.T.: -0.003 min
Response: 5993482828
Conc: 524.07 ng/ml



#14 DINOSEB

R.T.: 10.853 min
Delta R.T.: -0.006 min
Response: 3504760576
Conc: 512.99 ng/ml



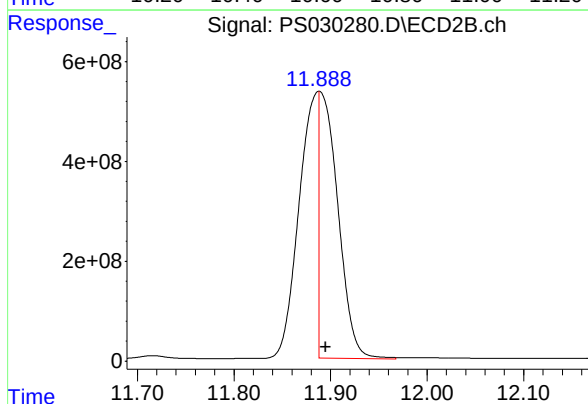
#15 Picloram

R.T.: 10.669 min
Delta R.T.: 0.000 min
Response: 11372744898
Conc: 531.76 ng/ml

Instrument :
ECD_S
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PB167996BS

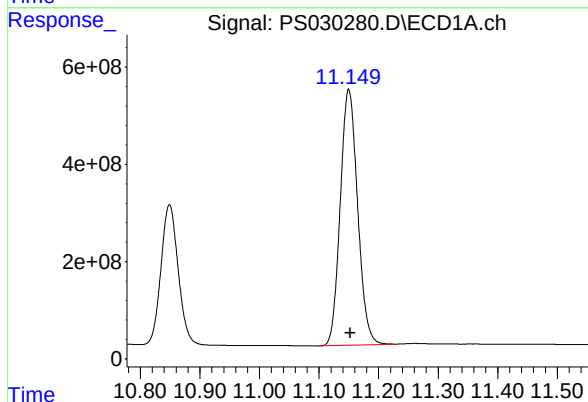
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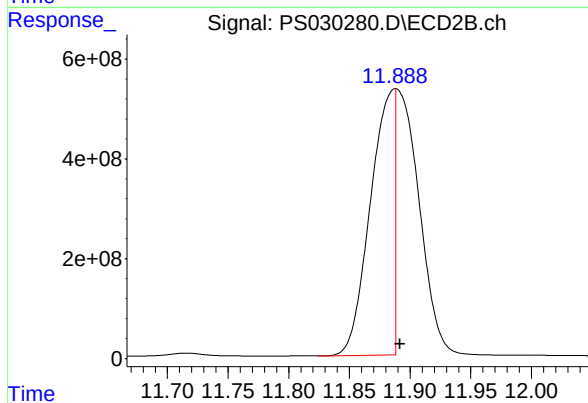
#15 Picloram

R.T.: 11.888 min
Delta R.T.: -0.007 min
Response: 7204407117
Conc: 511.93 ng/ml m



#16 DCPA

R.T.: 11.150 min
Delta R.T.: -0.003 min
Response: 10672972191
Conc: 536.02 ng/ml



#16 DCPA

R.T.: 11.888 min
Delta R.T.: -0.004 min
Response: 7246901592
Conc: 536.39 ng/ml m