

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS041725\
 Data File : PS029837.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Apr 2025 12:55
 Operator : AR\AJ
 Sample : PB167608BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PB167608BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/18/2025
 Supervised By :mohammad ahmed 04/21/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 17 23:41:30 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS040225.M
 Quant Title : 8080.M
 QLast Update : Wed Apr 02 23:52:55 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	6.951	7.473	1121.6E6	350.2E6	550.128	513.820
Target Compounds							
1) T	Dalapon	2.454	2.527	1842.8E6	723.0E6	543.210	455.406
2) T	3,5-DICHL...	6.153	6.467	1588.0E6	449.9E6	527.975	465.919
3) T	4-Nitroph...	6.741	7.007	733.8E6	339.1E6	522.385	478.225
5) T	DICAMBA	7.127	7.659	4466.4E6	1802.1E6	536.696	487.926
6) T	MCPD	7.304	7.765	264.4E6	75855996	48.779	44.926
7) T	MCPA	7.447	7.995	353.2E6	103.9E6	48.593m	45.660
8) T	DICHLORPROP	7.808	8.353	1115.1E6	464.3E6	506.985	480.604
9) T	2,4-D	8.029	8.669	1260.0E6	519.3E6	522.916	481.557
10) T	Pentachlo...	8.307	9.170	15826.5E6	9477.7E6	520.522	528.660
11) T	2,4,5-TP ...	8.872	9.549	6255.1E6	3757.7E6	538.521	520.959
12) T	2,4,5-T	9.155	9.955	6250.0E6	3538.0E6	543.265	527.841
13) T	2,4-DB	9.714	10.514	990.1E6	372.2E6	544.989	501.677
14) T	DINOSEB	10.878	10.888	4462.6E6	2605.5E6	528.621	509.594
15) T	Picloram	10.698	11.924	8102.7E6	5825.8E6	522.738	492.690m
16) T	DCPA	11.180	11.924	7712.3E6	4725.8E6	552.214	533.944m

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

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Operator : AR\AJ
Sample : PB167608BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

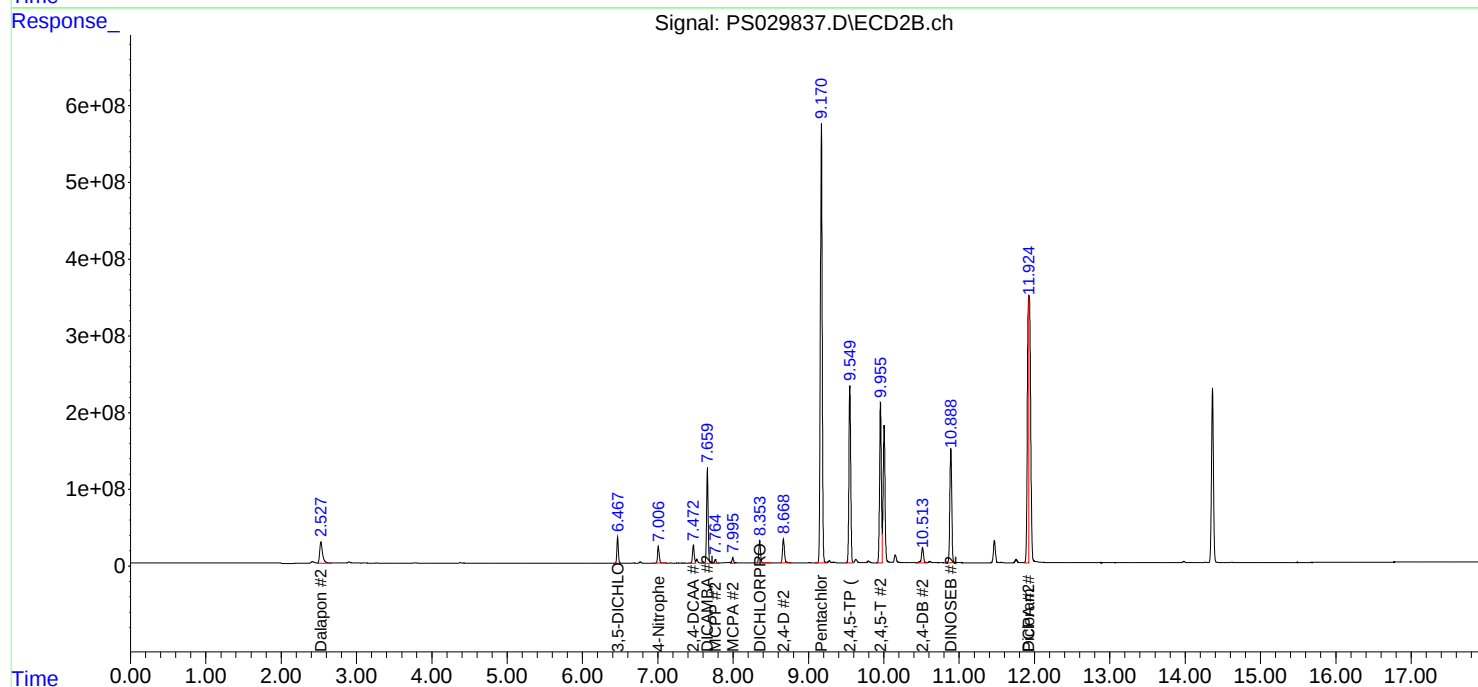
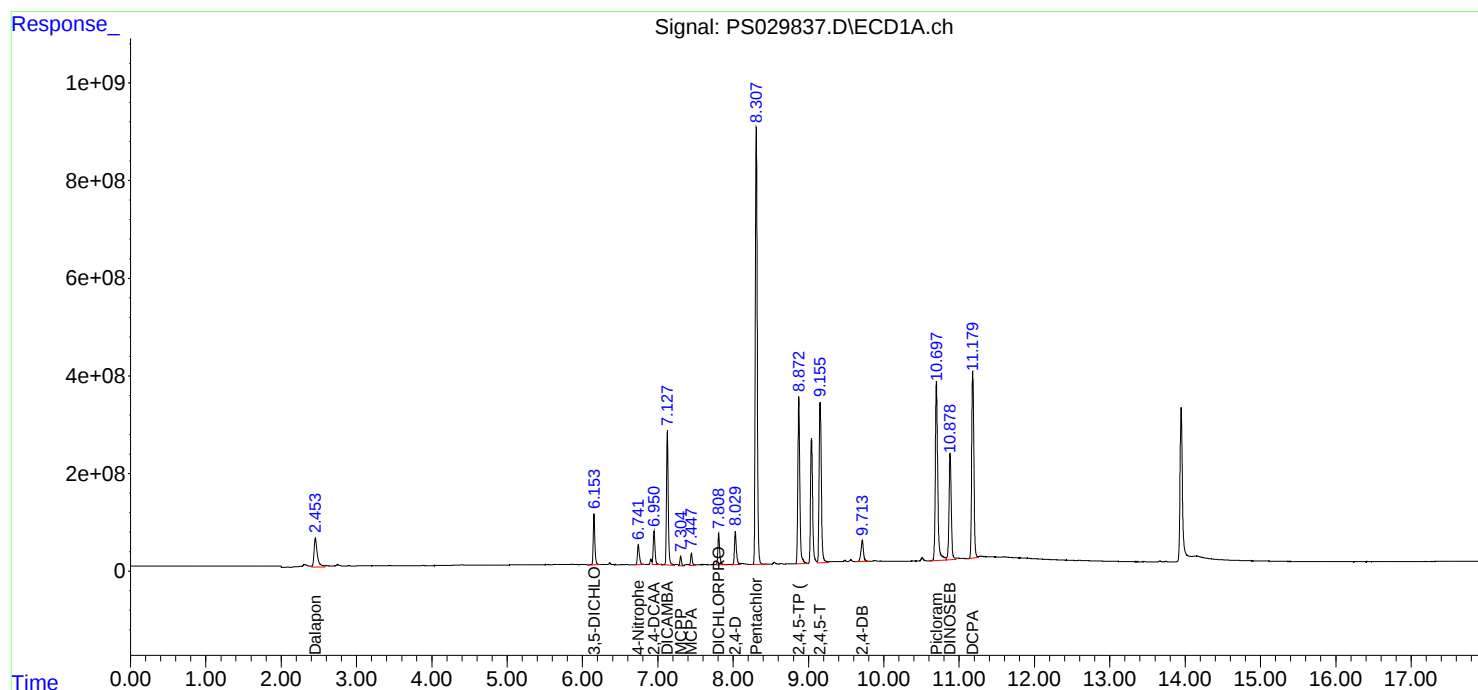
Instrument :
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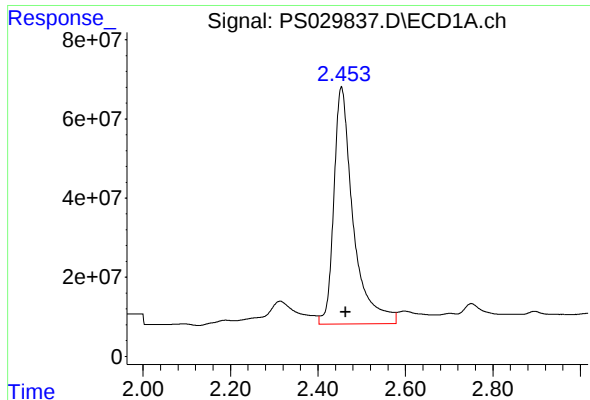
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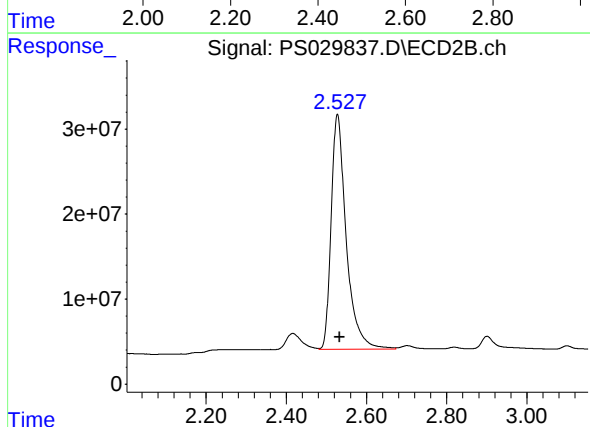
#1 Dalapon

R.T.: 2.454 min
Delta R.T.: -0.009 min
Response: 1842781656
Conc: 543.21 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167608BS

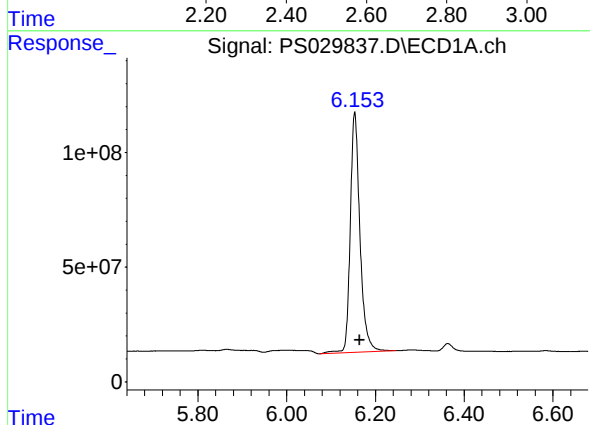
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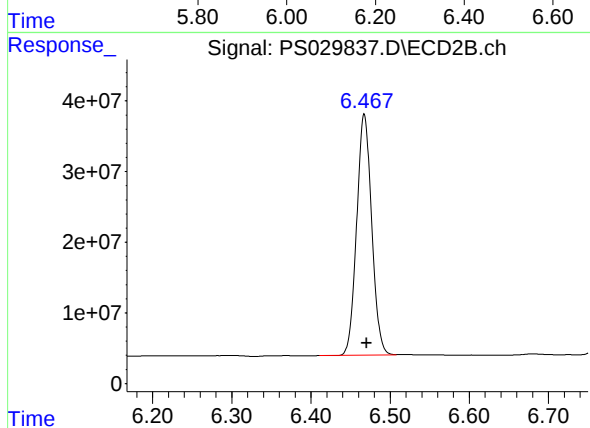
#1 Dalapon

R.T.: 2.527 min
Delta R.T.: -0.006 min
Response: 723000661
Conc: 455.41 ng/ml



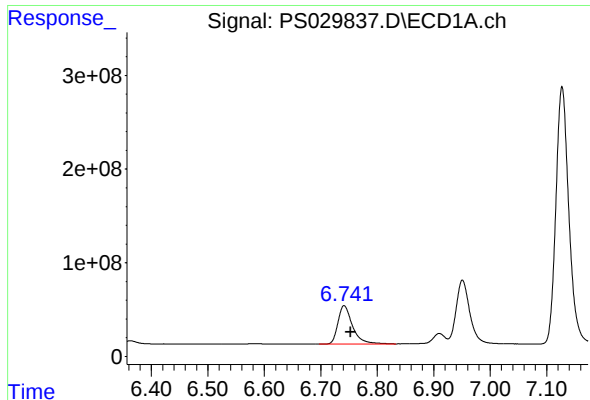
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.153 min
Delta R.T.: -0.011 min
Response: 1588023093
Conc: 527.98 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.467 min
Delta R.T.: -0.003 min
Response: 449871120
Conc: 465.92 ng/ml



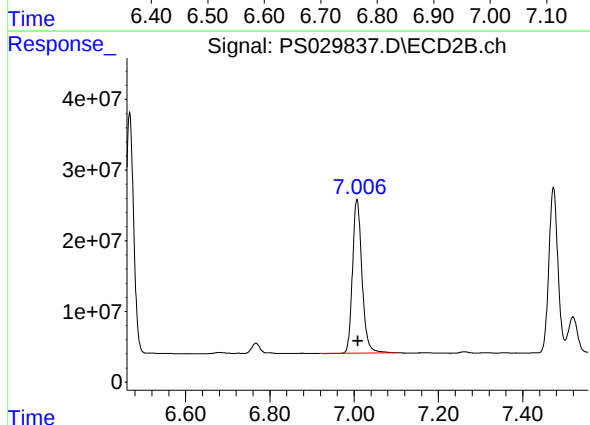
#3 4-Nitrophenol

R.T.: 6.741 min
Delta R.T.: -0.012 min
Response: 733845706
Conc: 522.38 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167608BS

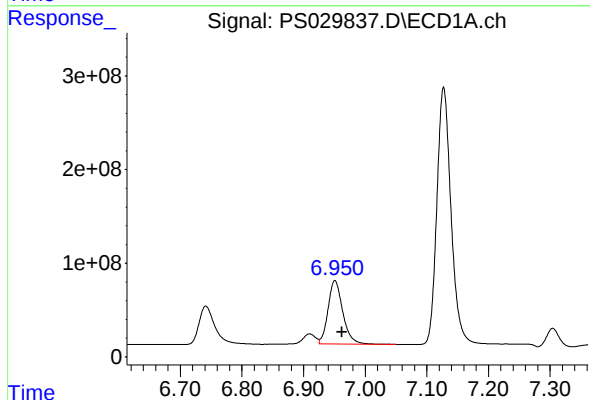
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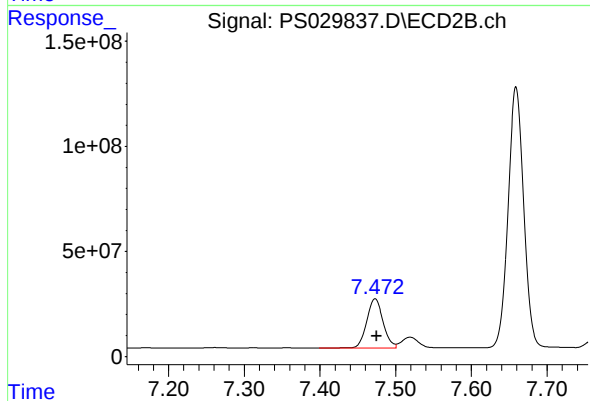
#3 4-Nitrophenol

R.T.: 7.007 min
Delta R.T.: -0.003 min
Response: 339061071
Conc: 478.23 ng/ml



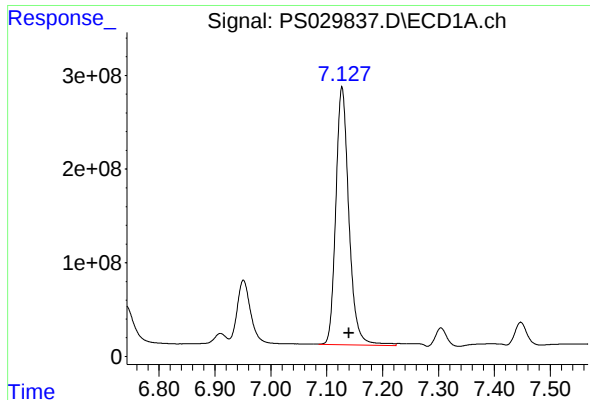
#4 2,4-DCAA

R.T.: 6.951 min
Delta R.T.: -0.012 min
Response: 1121617819
Conc: 550.13 ng/ml



#4 2,4-DCAA

R.T.: 7.473 min
Delta R.T.: -0.002 min
Response: 350175113
Conc: 513.82 ng/ml



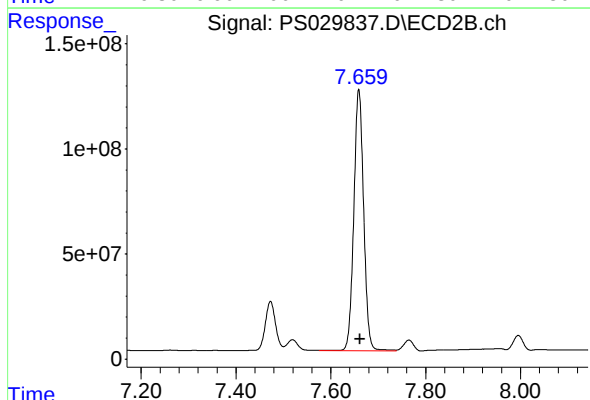
#5 DICAMBA

R.T.: 7.127 min
Delta R.T.: -0.013 min
Response: 4466354141
Conc: 536.70 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167608BS

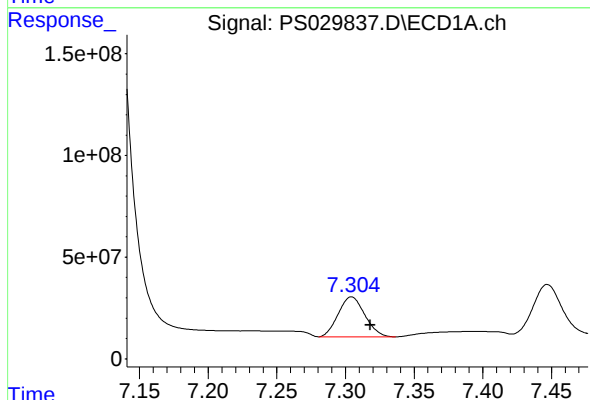
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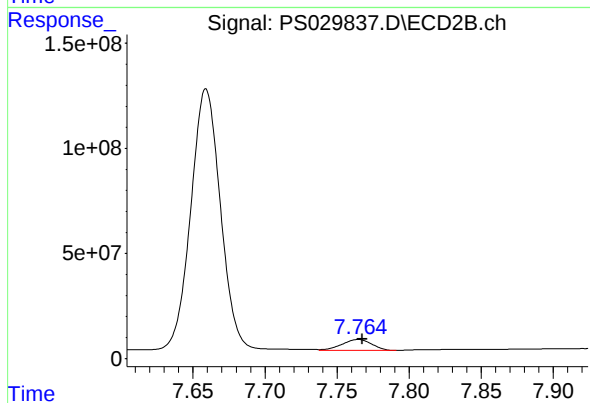
#5 DICAMBA

R.T.: 7.659 min
Delta R.T.: -0.003 min
Response: 1802092437
Conc: 487.93 ng/ml



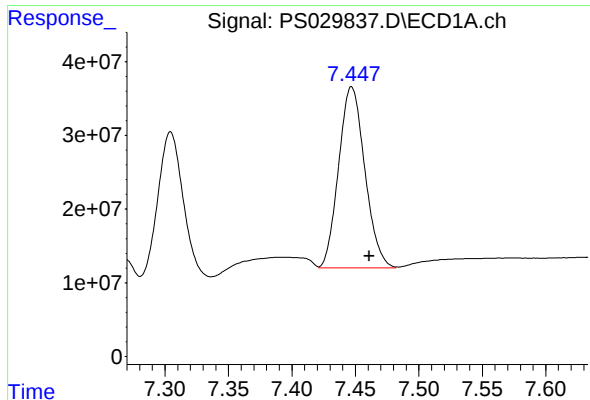
#6 MCPP

R.T.: 7.304 min
Delta R.T.: -0.014 min
Response: 264376580
Conc: 48.78 ug/ml



#6 MCPP

R.T.: 7.765 min
Delta R.T.: -0.003 min
Response: 75855996
Conc: 44.93 ug/ml



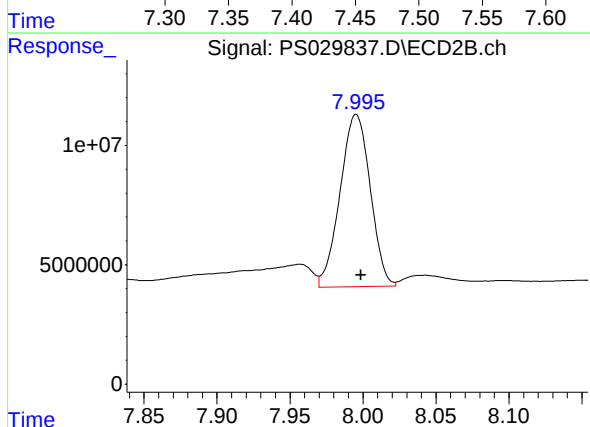
#7 MCPA

R.T.: 7.447 min
Delta R.T.: -0.015 min
Response: 353219558
Conc: 48.59 ug/ml

Instrument :
ECD_S
ClientSampleId :
PB167608BS

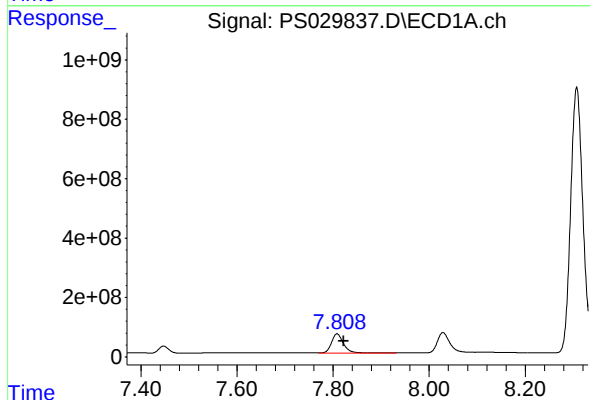
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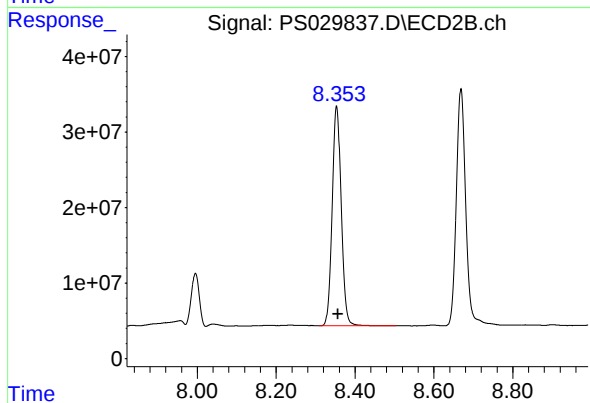
#7 MCPA

R.T.: 7.995 min
Delta R.T.: -0.003 min
Response: 103887950
Conc: 45.66 ug/ml



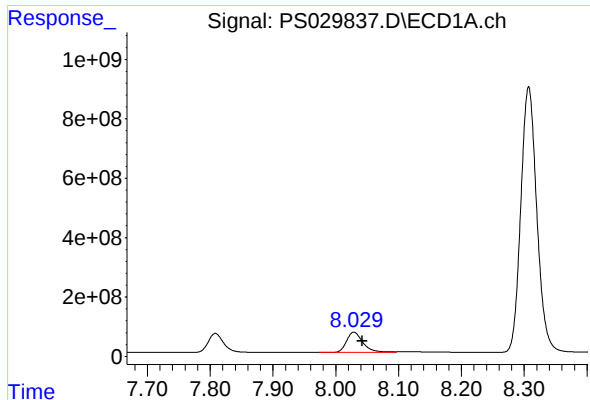
#8 DICHLORPROP

R.T.: 7.808 min
Delta R.T.: -0.014 min
Response: 1115081761
Conc: 506.98 ng/ml



#8 DICHLORPROP

R.T.: 8.353 min
Delta R.T.: -0.003 min
Response: 464336671
Conc: 480.60 ng/ml



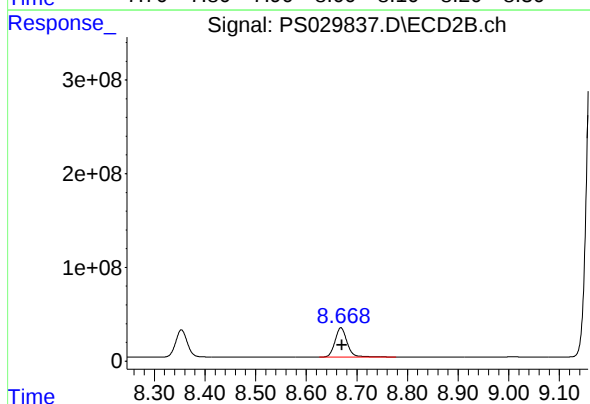
#9 2,4-D

R.T.: 8.029 min
Delta R.T.: -0.013 min
Response: 1260014349
Conc: 522.92 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167608BS

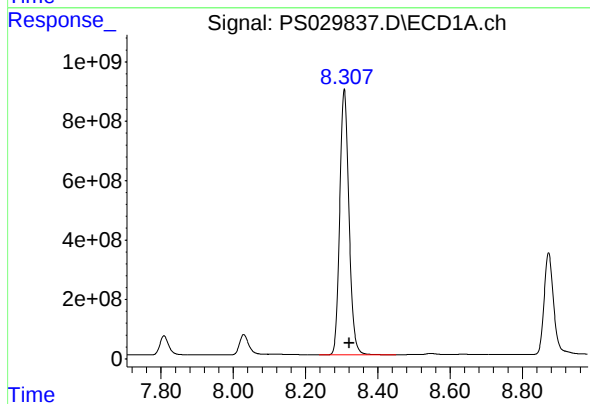
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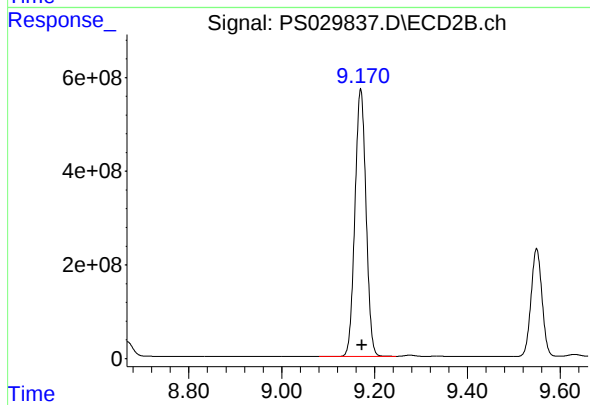
#9 2,4-D

R.T.: 8.669 min
Delta R.T.: -0.002 min
Response: 519342146
Conc: 481.56 ng/ml



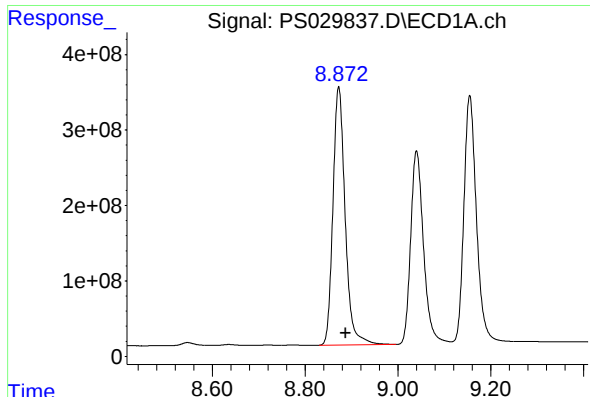
#10 Pentachlorophenol

R.T.: 8.307 min
Delta R.T.: -0.013 min
Response: 15826475532
Conc: 520.52 ng/ml



#10 Pentachlorophenol

R.T.: 9.170 min
Delta R.T.: -0.003 min
Response: 9477663371
Conc: 528.66 ng/ml



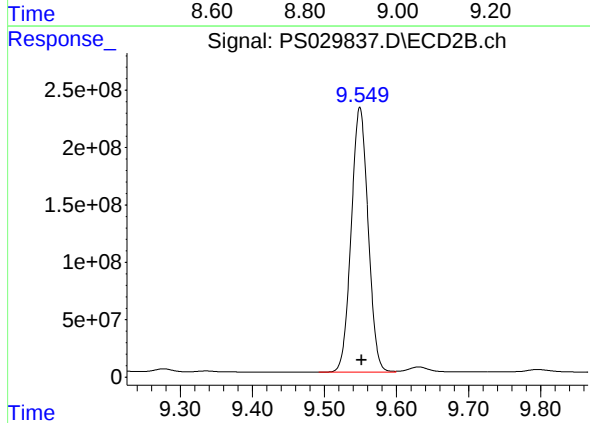
#11 2,4,5-TP (SILVEX)

R.T.: 8.872 min
Delta R.T.: -0.015 min
Response: 6255116377
Conc: 538.52 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167608BS

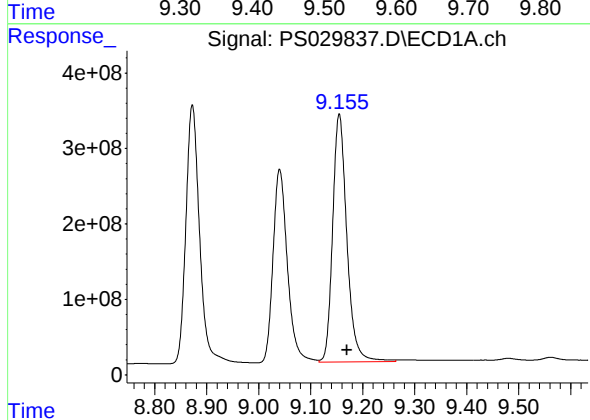
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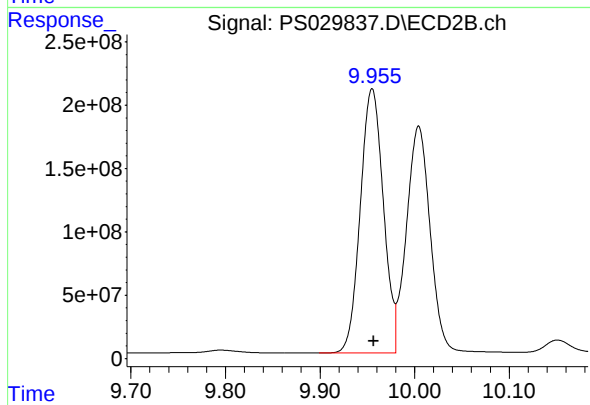
#11 2,4,5-TP (SILVEX)

R.T.: 9.549 min
Delta R.T.: -0.002 min
Response: 3757657239
Conc: 520.96 ng/ml



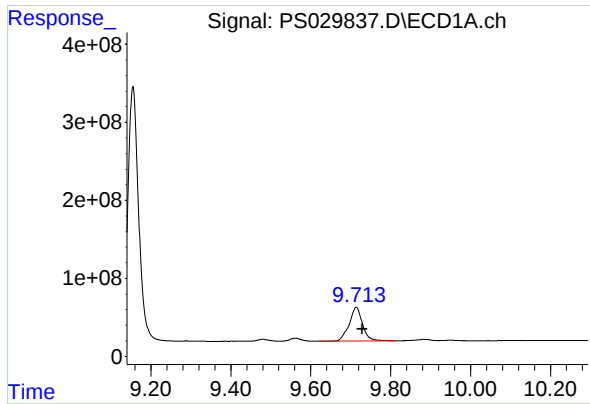
#12 2,4,5-T

R.T.: 9.155 min
Delta R.T.: -0.015 min
Response: 6249952827
Conc: 543.27 ng/ml



#12 2,4,5-T

R.T.: 9.955 min
Delta R.T.: -0.002 min
Response: 3538035731
Conc: 527.84 ng/ml



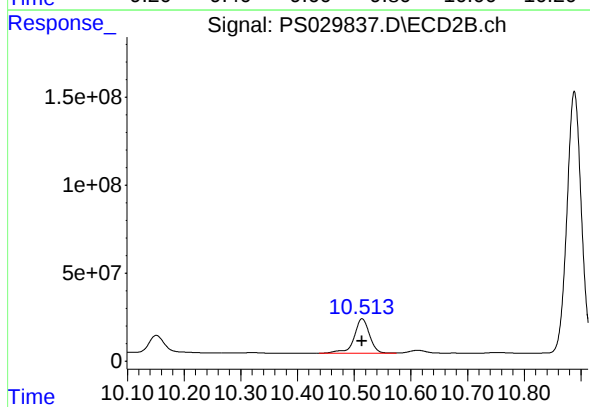
#13 2,4-DB

R.T.: 9.714 min
Delta R.T.: -0.015 min
Response: 990105355
Conc: 544.99 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167608BS

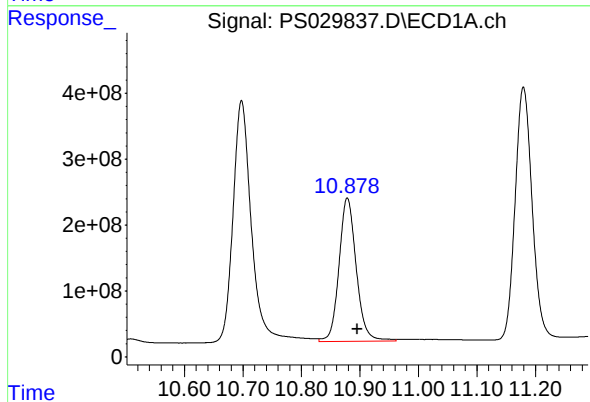
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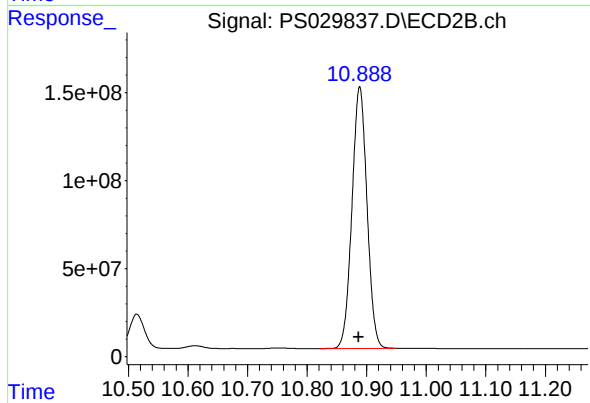
#13 2,4-DB

R.T.: 10.514 min
Delta R.T.: 0.000 min
Response: 372232100
Conc: 501.68 ng/ml



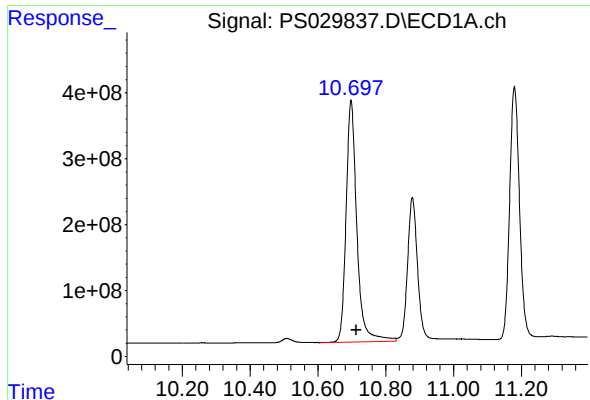
#14 DINOSEB

R.T.: 10.878 min
Delta R.T.: -0.017 min
Response: 4462642687
Conc: 528.62 ng/ml



#14 DINOSEB

R.T.: 10.888 min
Delta R.T.: 0.002 min
Response: 2605452839
Conc: 509.59 ng/ml



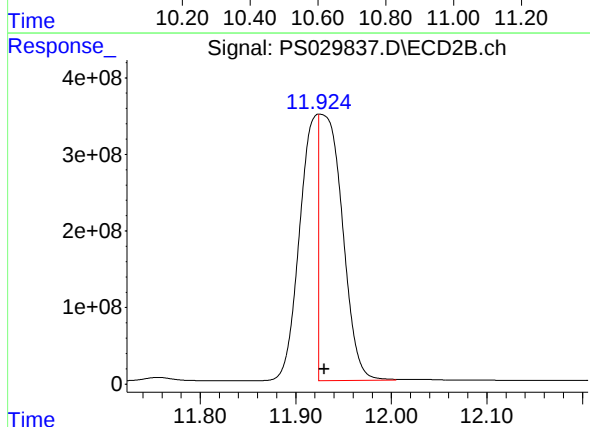
#15 Picloram

R.T.: 10.698 min
Delta R.T.: -0.016 min
Response: 8102654332
Conc: 522.74 ng/ml

Instrument :
ECD_S
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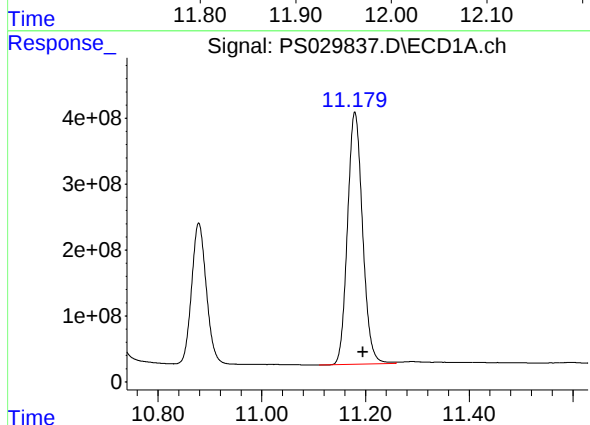
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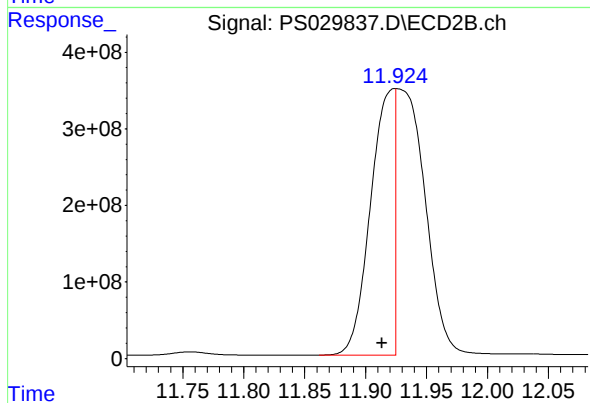
#15 Picloram

R.T.: 11.924 min
Delta R.T.: -0.005 min
Response: 5825774547
Conc: 492.69 ng/ml m



#16 DCPA

R.T.: 11.180 min
Delta R.T.: -0.016 min
Response: 7712278577
Conc: 552.21 ng/ml



#16 DCPA

R.T.: 11.924 min
Delta R.T.: 0.011 min
Response: 4725757785
Conc: 533.94 ng/ml m