

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS050525\
 Data File : PS030038.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 May 2025 13:47
 Operator : AR\AJ
 Sample : PB167796BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PB167796BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/06/2025
 Supervised By : mohammad ahmed 05/07/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 06 01:38:53 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	6.937	7.461	1303.7E6	380.1E6	529.742	539.538
Target Compounds							
1) T	Dalapon	2.449	2.523	2026.9E6	836.0E6	494.933	481.542
2) T	3,5-DICHL...	6.142	6.459	1748.8E6	487.0E6	489.353	498.167
3) T	4-Nitroph...	6.728	6.996	852.1E6	376.7E6	477.797	491.891
5) T	DICAMBA	7.114	7.647	4939.4E6	2039.7E6	498.784	516.364
6) T	MCP	7.292	7.753	295.3E6	80604259	45.824	46.087
7) T	MCPA	7.434	7.983	412.6E6	112.5E6	46.719	47.564
8) T	DICHLORPROP	7.794	8.340	1243.9E6	517.9E6	490.874	515.829
9) T	2,4-D	8.014	8.653	1407.4E6	573.8E6	500.356	509.096
10) T	Pentachlo...	8.292	9.154	18046.0E6	10930.7E6	517.300	537.274
11) T	2,4,5-TP ...	8.856	9.532	7064.9E6	4305.5E6	509.626	526.230
12) T	2,4,5-T	9.138	9.936	7219.0E6	4034.3E6	513.694	519.714
13) T	2,4-DB	9.697	10.495	1180.4E6	404.5E6	516.485	502.607
14) T	DINOSEB	10.859	10.868	5116.9E6	2968.0E6	502.969	509.004
15) T	Picloram	10.678	11.903	9032.0E6	6199.1E6	492.728	504.661m
16) T	DCPA	11.160	11.902	8804.0E6	5502.2E6	517.242	488.145m

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

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Operator : AR\AJ
Sample : PB167796BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

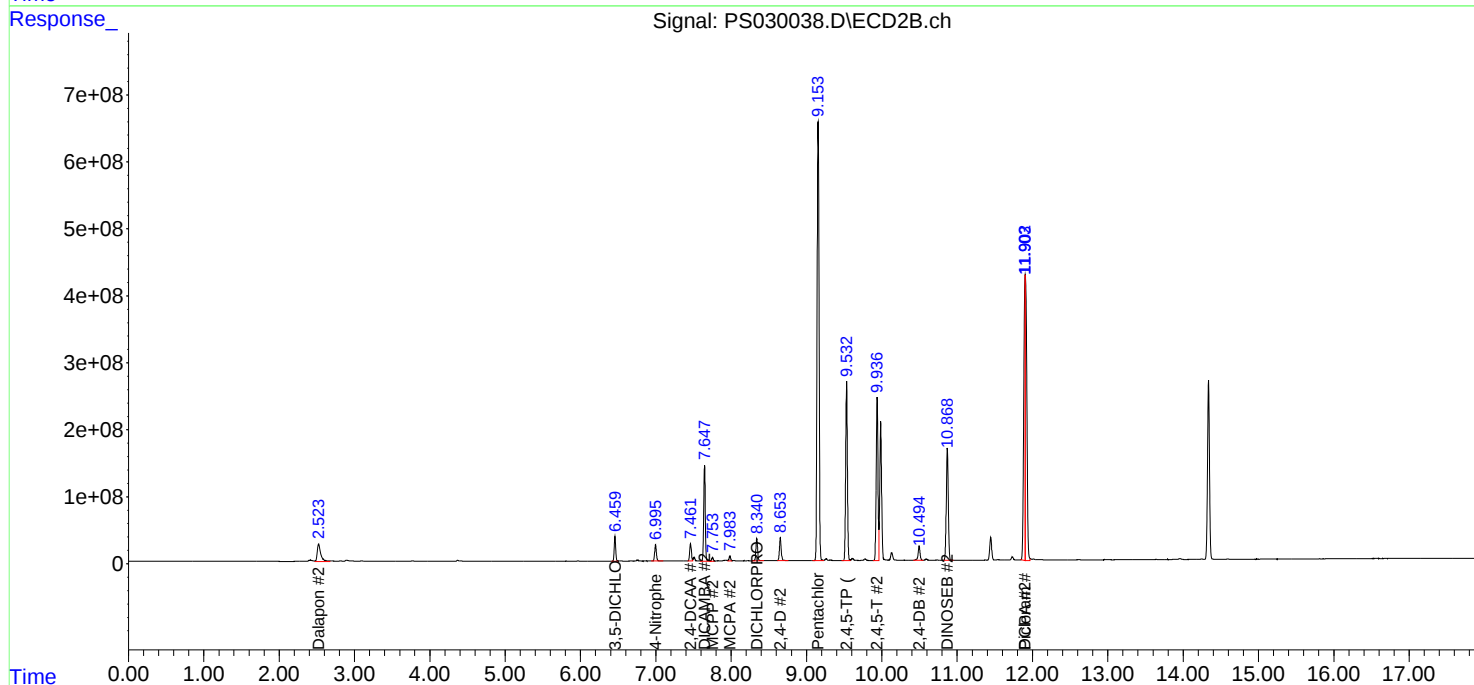
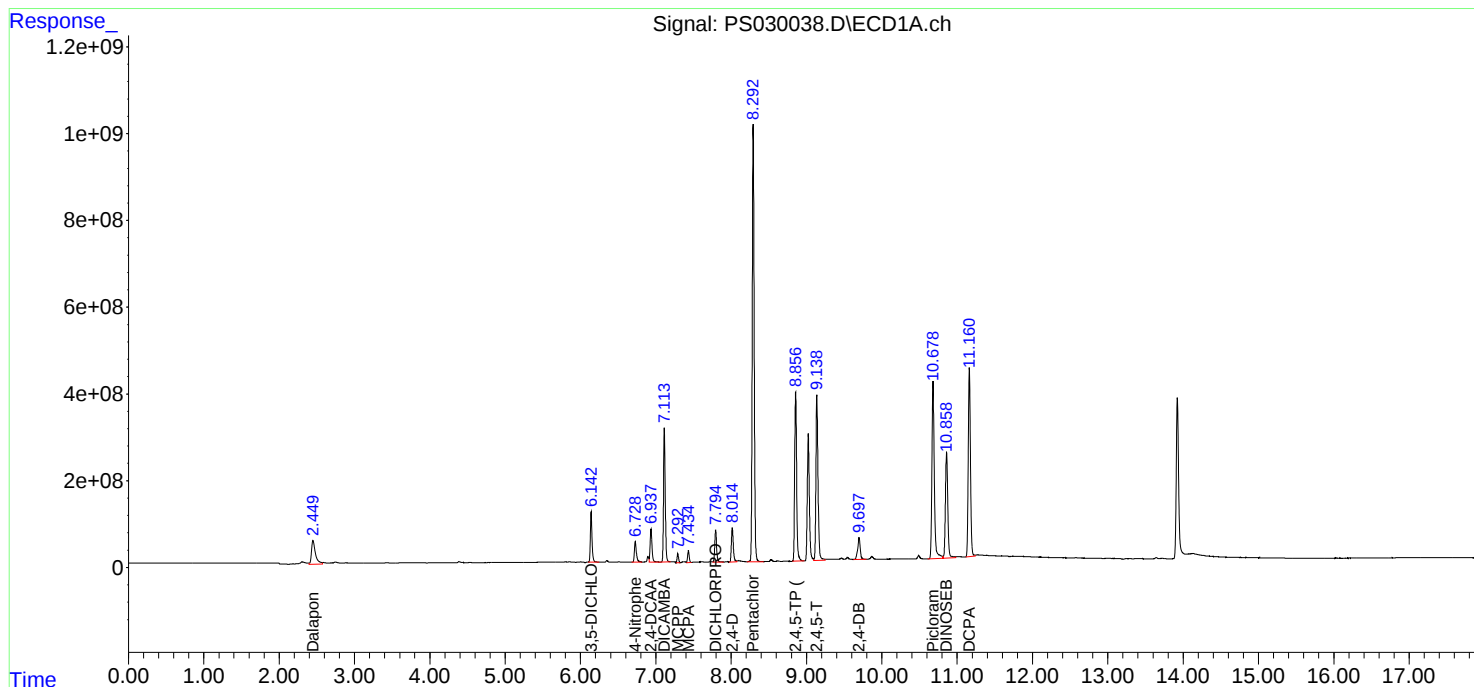
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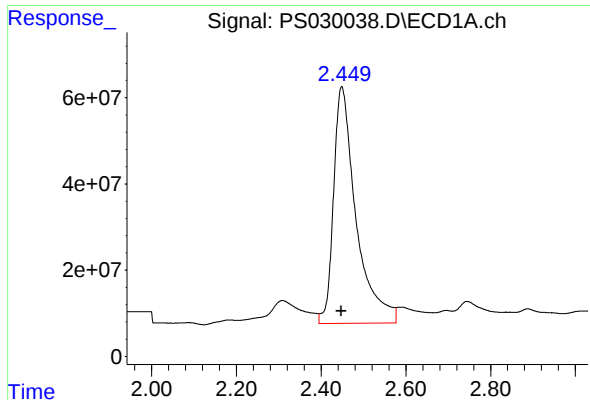
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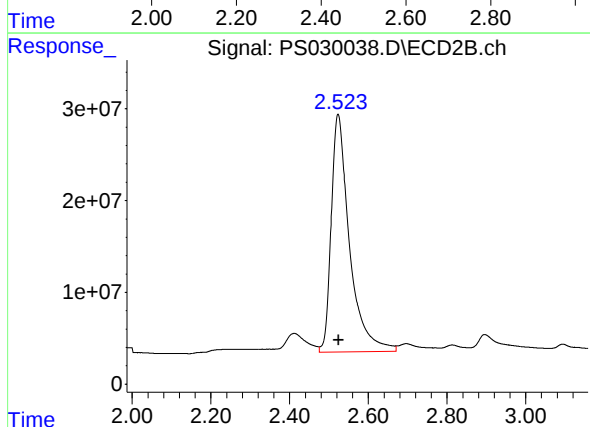
#1 Dalapon

R.T.: 2.449 min
Delta R.T.: 0.000 min
Response: 2026876943
Conc: 494.93 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167796BS

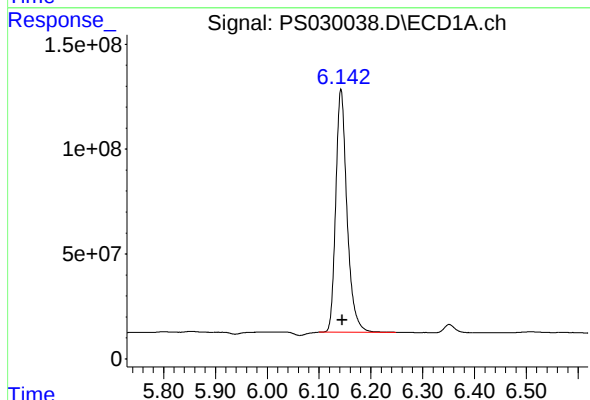
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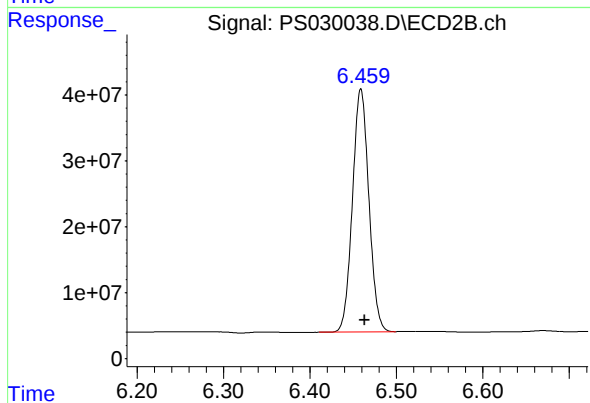
#1 Dalapon

R.T.: 2.523 min
Delta R.T.: -0.001 min
Response: 836026719
Conc: 481.54 ng/ml



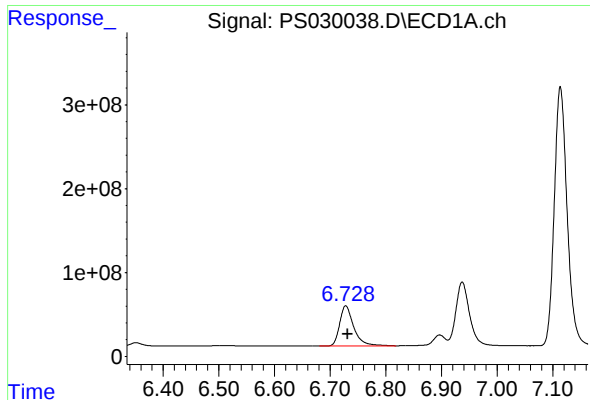
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.142 min
Delta R.T.: -0.003 min
Response: 1748841469
Conc: 489.35 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.459 min
Delta R.T.: -0.004 min
Response: 486997904
Conc: 498.17 ng/ml



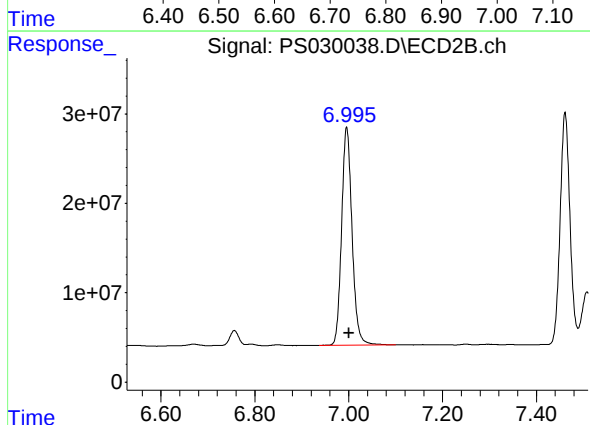
#3 4-Nitrophenol

R.T.: 6.728 min
Delta R.T.: -0.003 min
Response: 852065133
Conc: 477.80 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167796BS

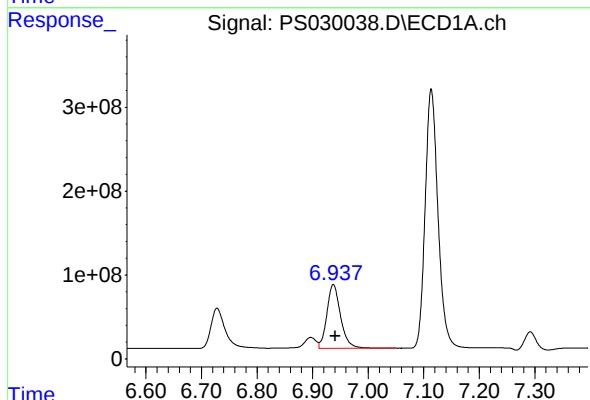
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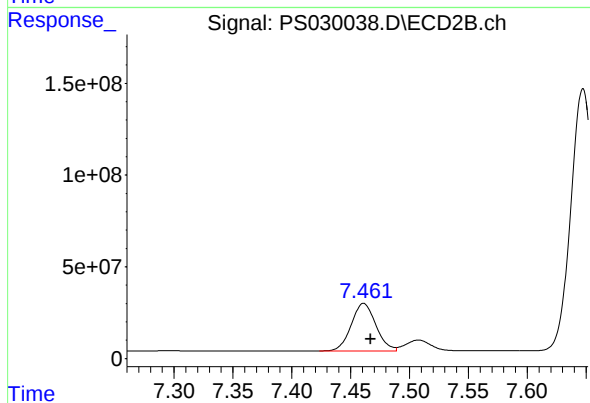
#3 4-Nitrophenol

R.T.: 6.996 min
Delta R.T.: -0.005 min
Response: 376749767
Conc: 491.89 ng/ml



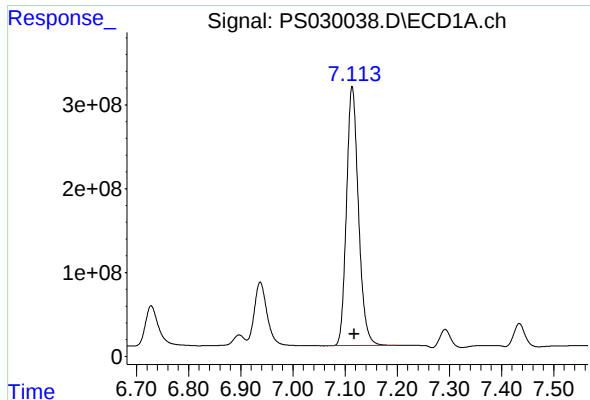
#4 2,4-DCAA

R.T.: 6.937 min
Delta R.T.: -0.004 min
Response: 1303737946
Conc: 529.74 ng/ml



#4 2,4-DCAA

R.T.: 7.461 min
Delta R.T.: -0.006 min
Response: 380113891
Conc: 539.54 ng/ml



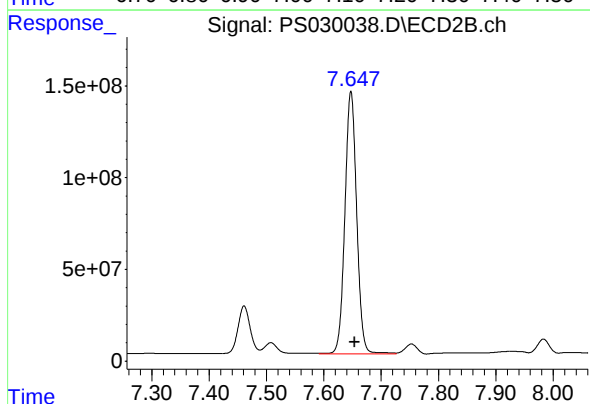
#5 DICAMBA

R.T.: 7.114 min
Delta R.T.: -0.004 min
Response: 4939392609
Conc: 498.78 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167796BS

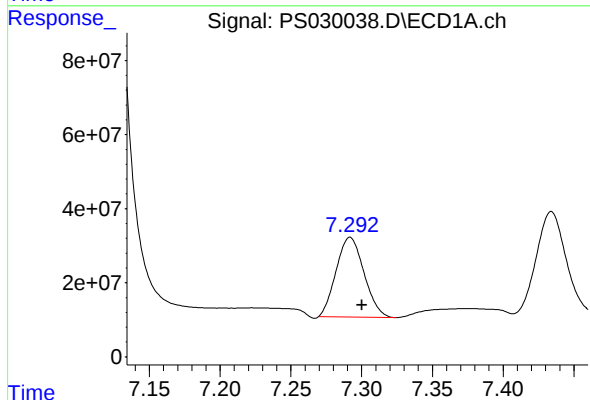
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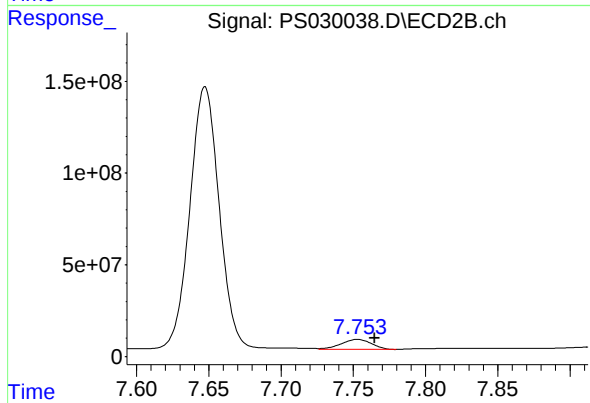
#5 DICAMBA

R.T.: 7.647 min
Delta R.T.: -0.006 min
Response: 2039671767
Conc: 516.36 ng/ml



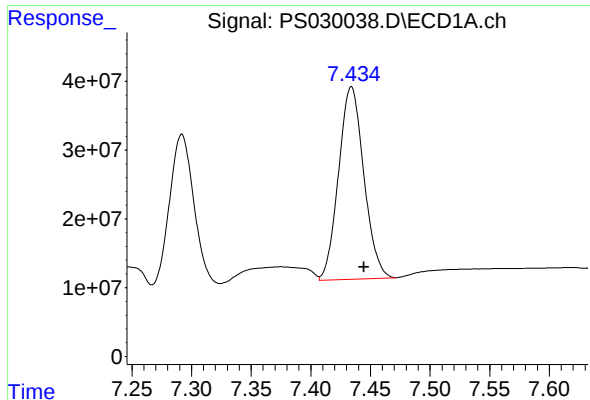
#6 MCPP

R.T.: 7.292 min
Delta R.T.: -0.008 min
Response: 295272711
Conc: 45.82 ug/ml



#6 MCPP

R.T.: 7.753 min
Delta R.T.: -0.012 min
Response: 80604259
Conc: 46.09 ug/ml



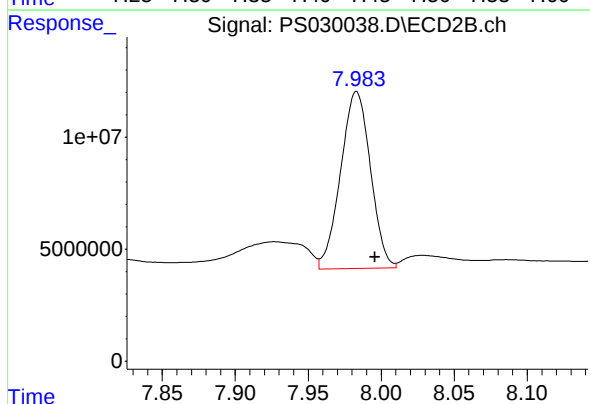
#7 MCPA

R.T.: 7.434 min
Delta R.T.: -0.010 min
Response: 412595382
Conc: 46.72 ug/ml

Instrument :
ECD_S
ClientSampleId :
PB167796BS

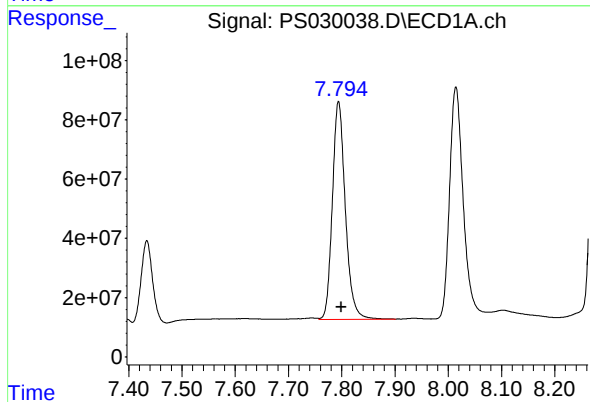
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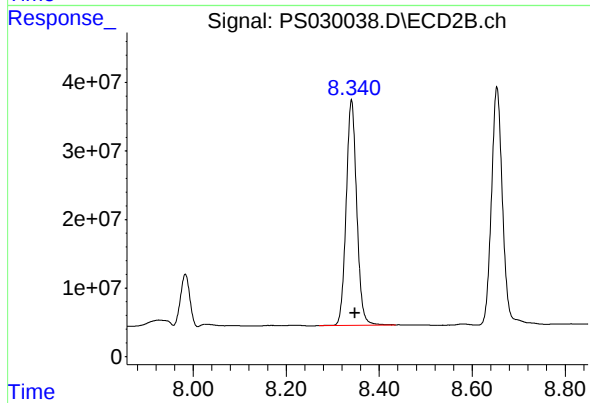
#7 MCPA

R.T.: 7.983 min
Delta R.T.: -0.013 min
Response: 112526574
Conc: 47.56 ug/ml



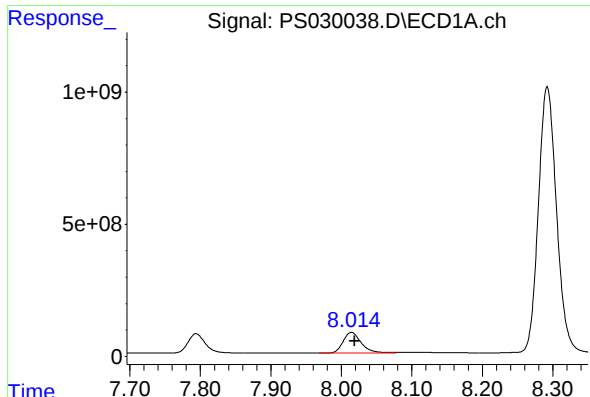
#8 DICHLORPROP

R.T.: 7.794 min
Delta R.T.: -0.005 min
Response: 1243928182
Conc: 490.87 ng/ml



#8 DICHLORPROP

R.T.: 8.340 min
Delta R.T.: -0.007 min
Response: 517874081
Conc: 515.83 ng/ml



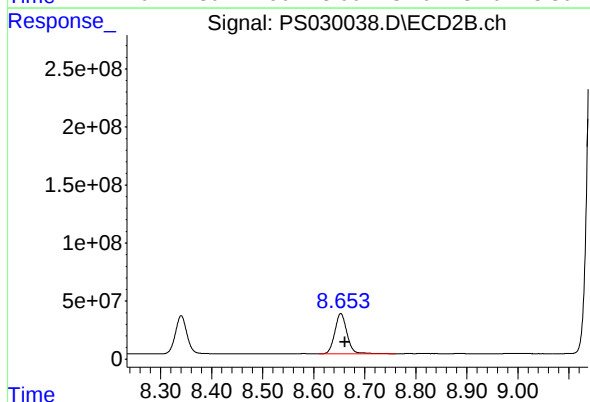
#9 2,4-D

R.T.: 8.014 min
Delta R.T.: -0.004 min
Response: 1407438073
Conc: 500.36 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167796BS

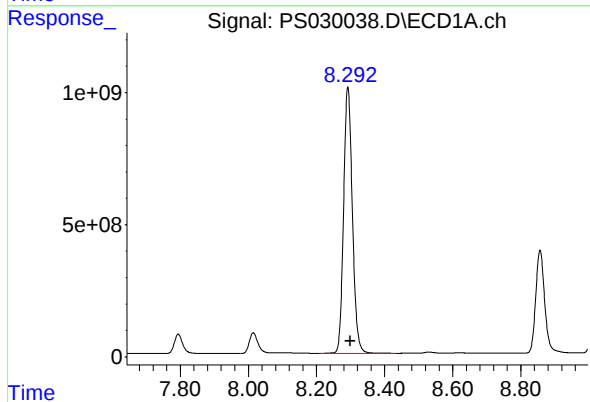
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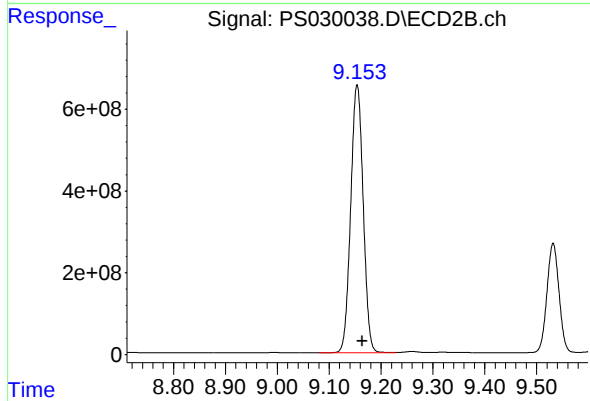
#9 2,4-D

R.T.: 8.653 min
Delta R.T.: -0.008 min
Response: 573806176
Conc: 509.10 ng/ml



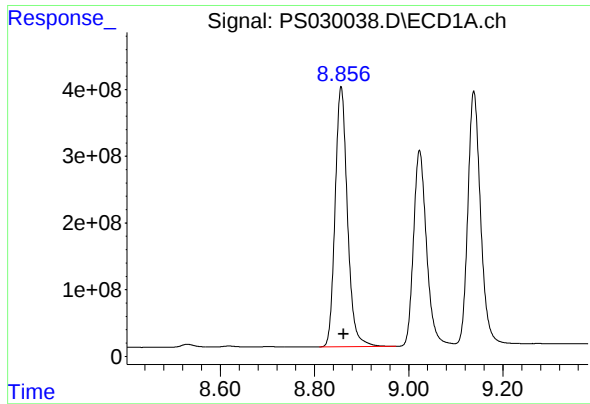
#10 Pentachlorophenol

R.T.: 8.292 min
Delta R.T.: -0.008 min
Response: 18046010957
Conc: 517.30 ng/ml



#10 Pentachlorophenol

R.T.: 9.154 min
Delta R.T.: -0.010 min
Response: 10930731101
Conc: 537.27 ng/ml



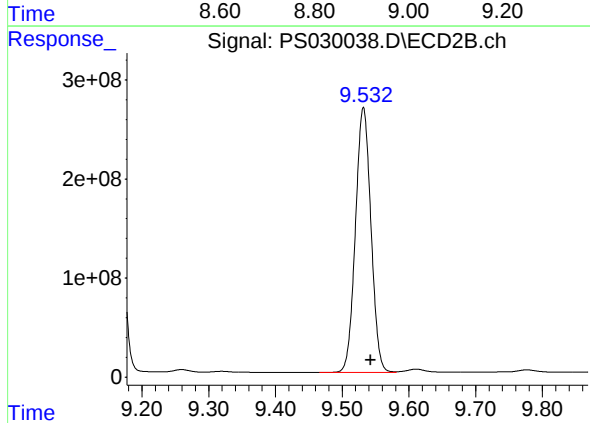
#11 2,4,5-TP (SILVEX)

R.T.: 8.856 min
Delta R.T.: -0.006 min
Response: 7064866109
Conc: 509.63 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167796BS

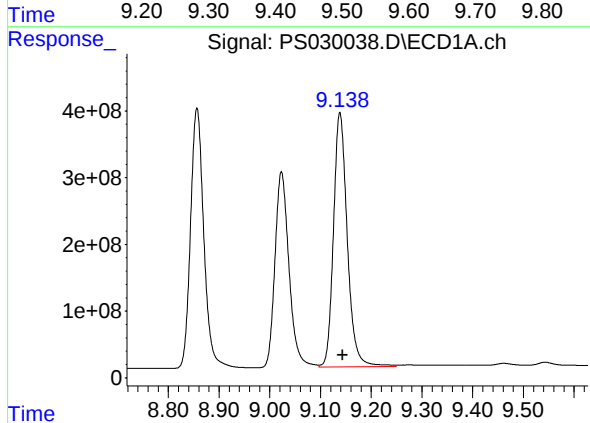
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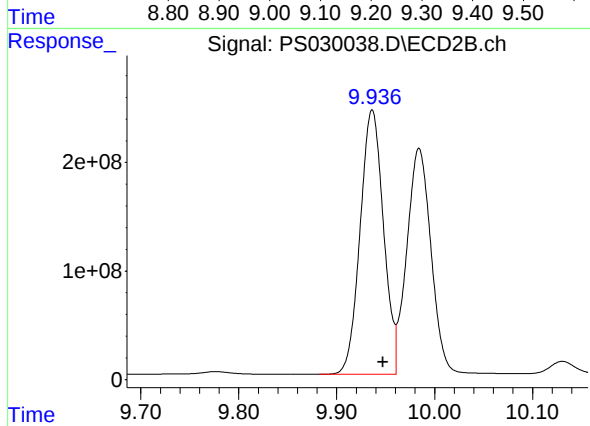
#11 2,4,5-TP (SILVEX)

R.T.: 9.532 min
Delta R.T.: -0.011 min
Response: 4305484681
Conc: 526.23 ng/ml



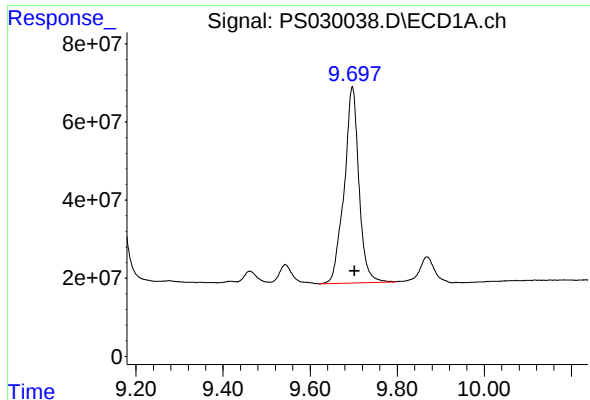
#12 2,4,5-T

R.T.: 9.138 min
Delta R.T.: -0.006 min
Response: 7218996712
Conc: 513.69 ng/ml



#12 2,4,5-T

R.T.: 9.936 min
Delta R.T.: -0.011 min
Response: 4034329145
Conc: 519.71 ng/ml



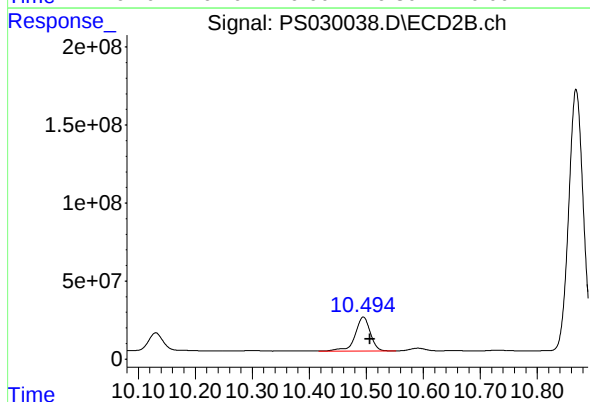
#13 2,4-DB

R.T.: 9.697 min
Delta R.T.: -0.005 min
Response: 1180351095
Conc: 516.48 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167796BS

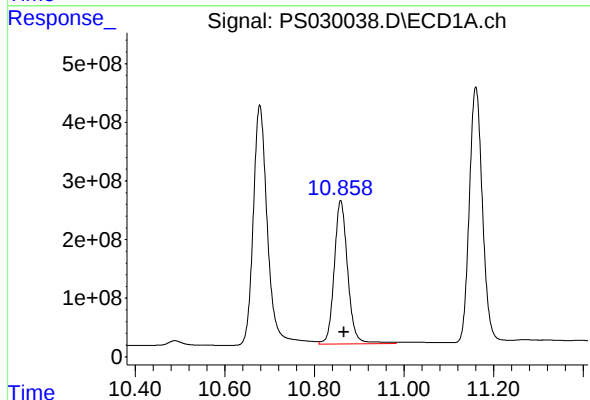
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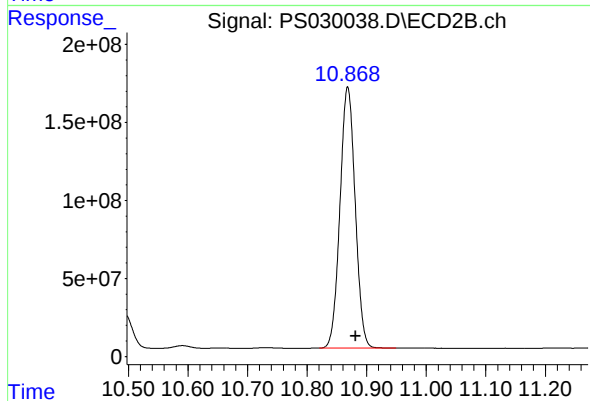
#13 2,4-DB

R.T.: 10.495 min
Delta R.T.: -0.012 min
Response: 404519772
Conc: 502.61 ng/ml



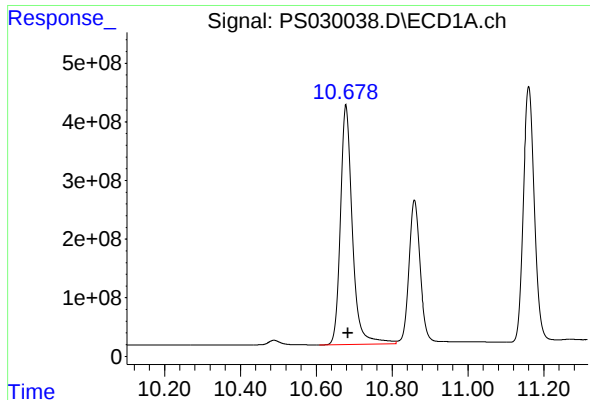
#14 DINOSEB

R.T.: 10.859 min
Delta R.T.: -0.007 min
Response: 5116917707
Conc: 502.97 ng/ml



#14 DINOSEB

R.T.: 10.868 min
Delta R.T.: -0.013 min
Response: 2967993353
Conc: 509.00 ng/ml



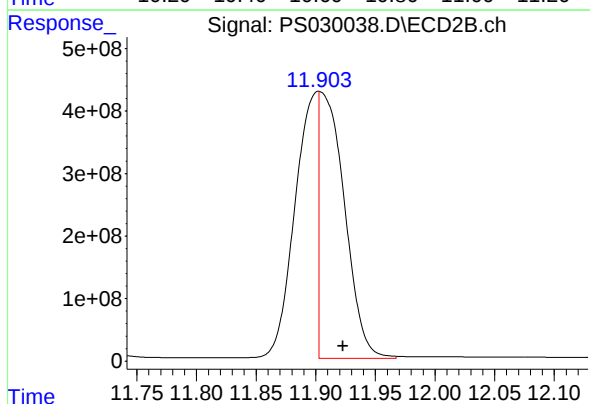
#15 Picloram

R.T.: 10.678 min
Delta R.T.: -0.005 min
Response: 9032014243
Conc: 492.73 ng/ml

Instrument :
ECD_S
ClientSampleId :
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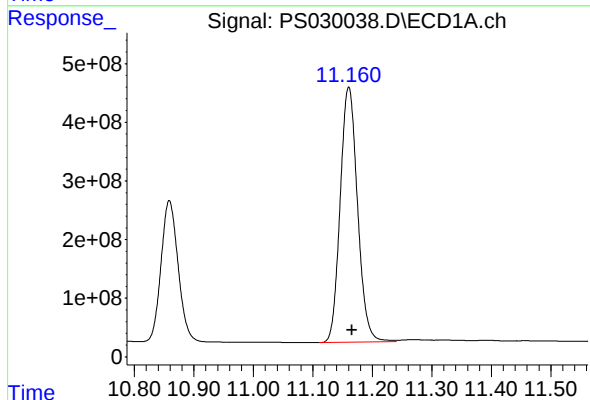
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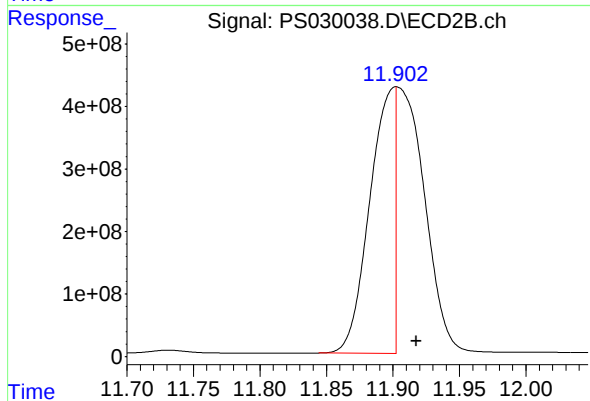
#15 Picloram

R.T.: 11.903 min
Delta R.T.: -0.020 min
Response: 6199068847
Conc: 504.66 ng/ml m



#16 DCPA

R.T.: 11.160 min
Delta R.T.: -0.006 min
Response: 8803982200
Conc: 517.24 ng/ml



#16 DCPA

R.T.: 11.902 min
Delta R.T.: -0.016 min
Response: 5502196952
Conc: 488.14 ng/ml m