

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS050825\
 Data File : PS030075.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 May 2025 10:20
 Operator : AR\AJ
 Sample : PB167891BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PB167891BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/09/2025
 Supervised By : mohammad ahmed 05/12/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 08 12:06:36 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	7.460	1391.6E6	391.0E6	565.443	554.949
Target Compounds							
1) T	Dalapon	2.448	2.523	2229.0E6	861.2E6	544.298	496.024
2) T	3,5-DICHL...	6.142	6.458	1885.9E6	504.9E6	527.707	516.504
3) T	4-Nitroph...	6.728	6.995	898.7E6	386.4E6	503.961	504.461
5) T	DICAMBA	7.114	7.646	5280.1E6	2117.5E6	533.192	536.063
6) T	MCPD	7.291	7.752	313.5E6	85646828	48.656	48.970
7) T	MCPA	7.433	7.982	446.9E6	121.4E6	50.601	51.318
8) T	DICHLORPROP	7.793	8.339	1330.5E6	544.3E6	525.032	542.145
9) T	2,4-D	8.014	8.651	1481.2E6	594.6E6	526.563	527.516
10) T	Pentachlo...	8.292	9.152	19200.7E6	11439.3E6	550.401	562.269
11) T	2,4,5-TP ...	8.855	9.531	7579.1E6	4507.0E6	546.720	550.855
12) T	2,4,5-T	9.138	9.935	7662.4E6	4166.7E6	545.243	536.768
13) T	2,4-DB	9.696	10.493	1186.5E6	418.3E6	519.194	519.668
14) T	DINOSEB	10.857	10.867	5478.6E6	3040.3E6	538.521	521.403
15) T	Picloram	10.677	11.907	9049.9E6	4787.2E6	493.703	389.725m
16) T	DCPA	11.159	11.902	9505.8E6	6716.9E6	558.475	595.909m

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

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Acq On : 08 May 2025 10:20
Operator : AR\AJ
Sample : PB167891BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

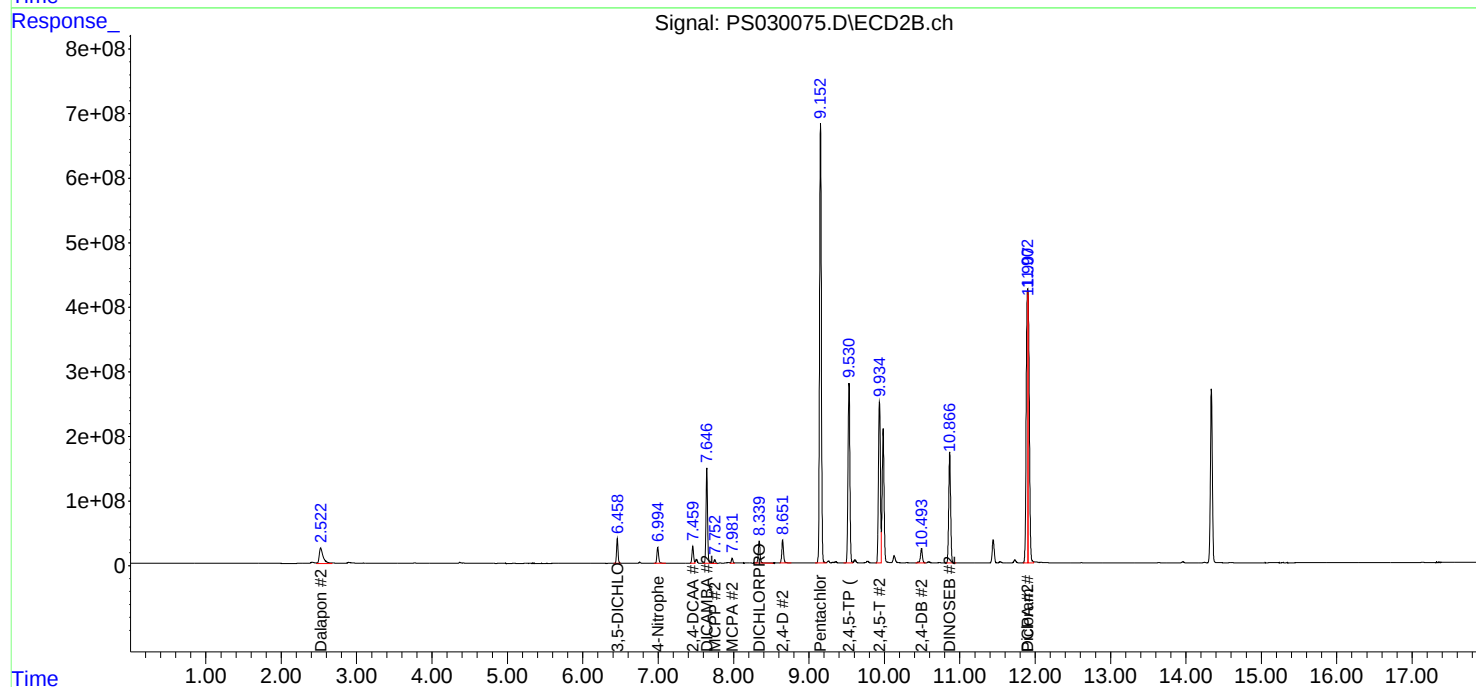
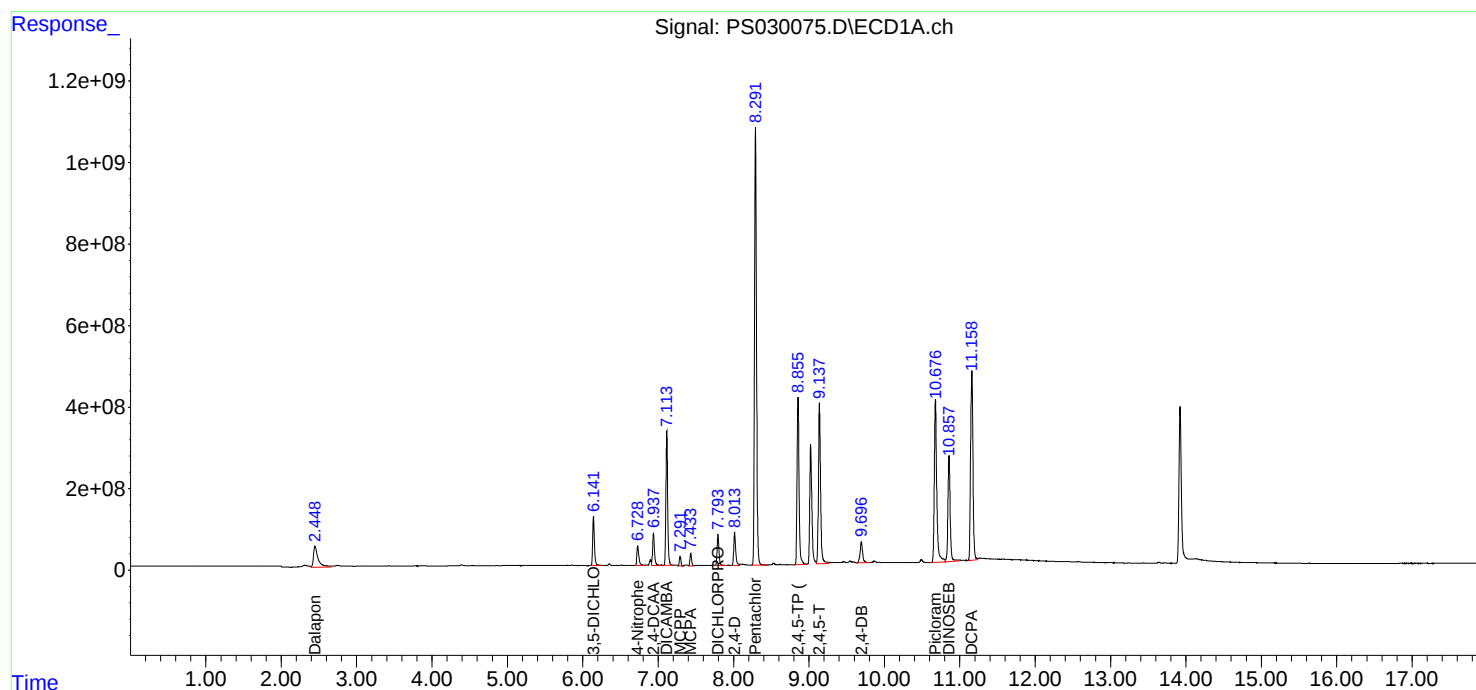
Instrument :
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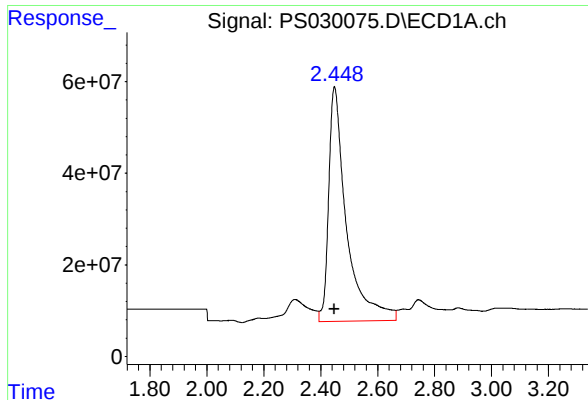
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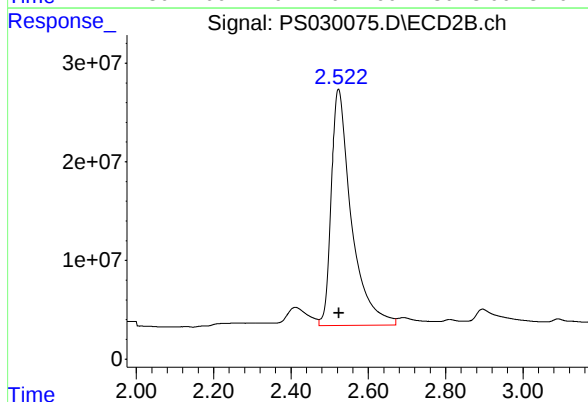
#1 Dalapon

R.T.: 2.448 min
Delta R.T.: 0.000 min
Response: 2229043293
Conc: 544.30 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167891BS

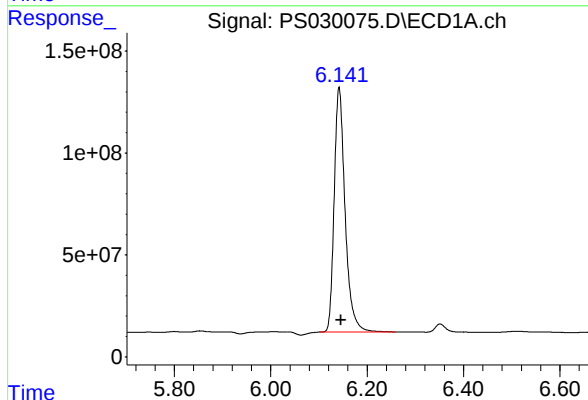
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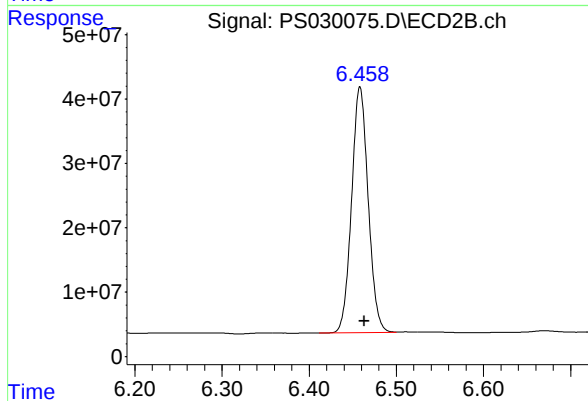
#1 Dalapon

R.T.: 2.523 min
Delta R.T.: -0.002 min
Response: 861168760
Conc: 496.02 ng/ml



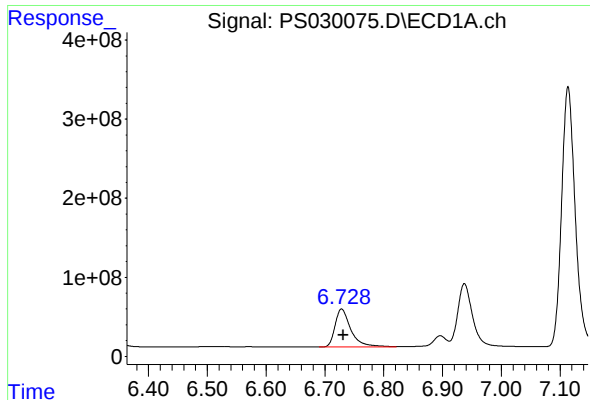
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.142 min
Delta R.T.: -0.003 min
Response: 1885913343
Conc: 527.71 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.458 min
Delta R.T.: -0.005 min
Response: 504923641
Conc: 516.50 ng/ml



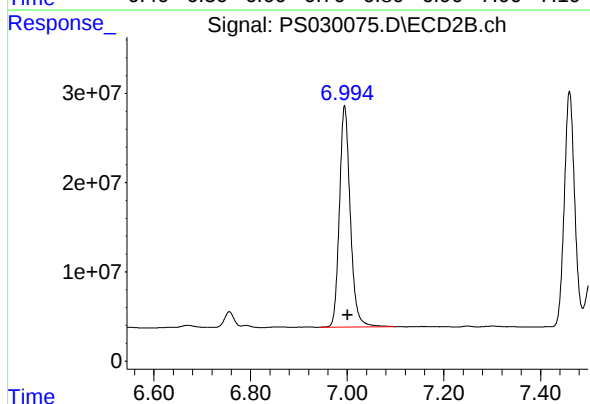
#3 4-Nitrophenol

R.T.: 6.728 min
Delta R.T.: -0.003 min
Response: 898723426
Conc: 503.96 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167891BS

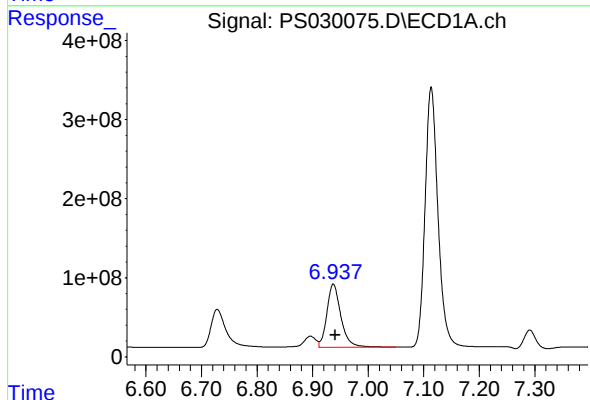
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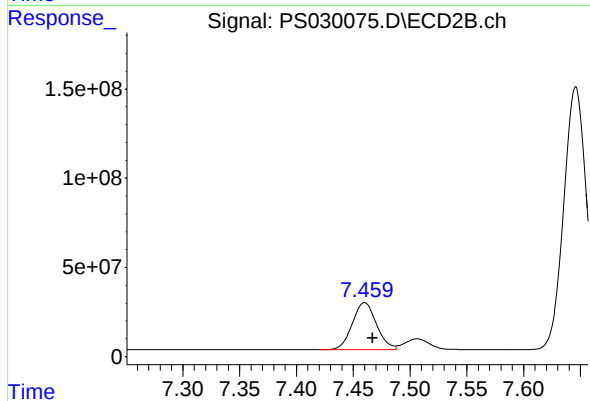
#3 4-Nitrophenol

R.T.: 6.995 min
Delta R.T.: -0.006 min
Response: 386377242
Conc: 504.46 ng/ml



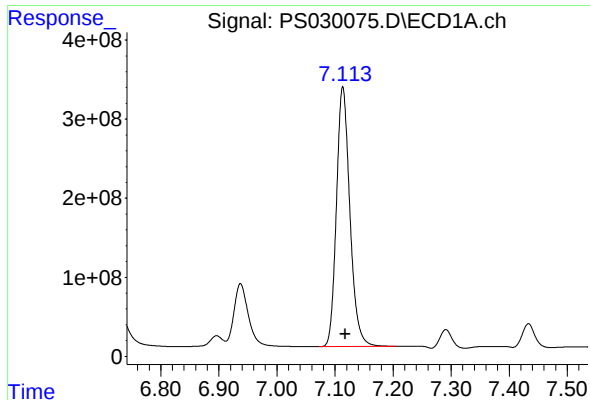
#4 2,4-DCAA

R.T.: 6.937 min
Delta R.T.: -0.004 min
Response: 1391601058
Conc: 565.44 ng/ml



#4 2,4-DCAA

R.T.: 7.460 min
Delta R.T.: -0.007 min
Response: 390970668
Conc: 554.95 ng/ml



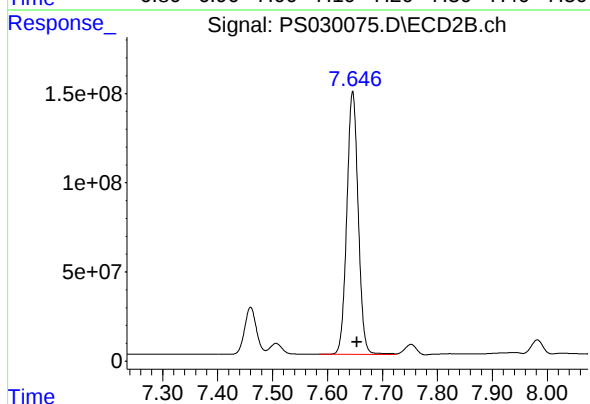
#5 DICAMBA

R.T.: 7.114 min
Delta R.T.: -0.004 min
Response: 5280128476
Conc: 533.19 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167891BS

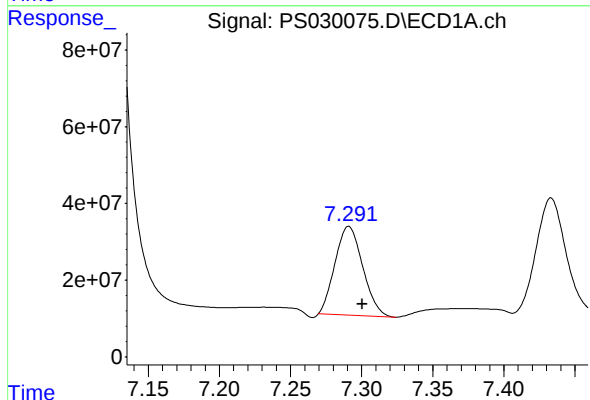
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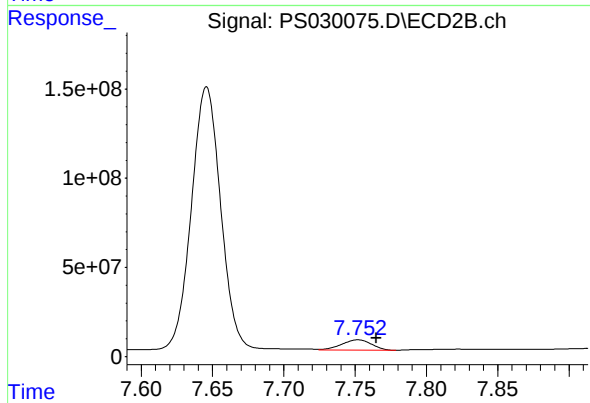
#5 DICAMBA

R.T.: 7.646 min
Delta R.T.: -0.008 min
Response: 2117483411
Conc: 536.06 ng/ml



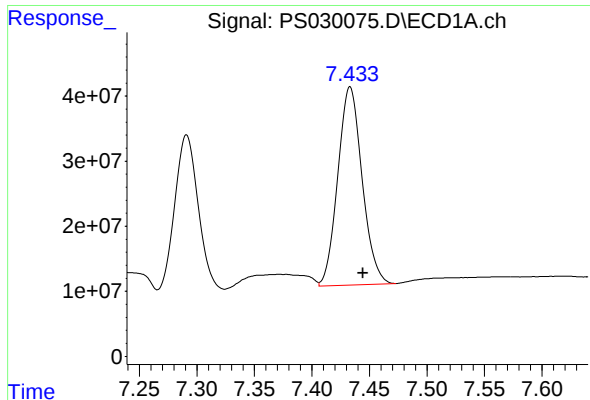
#6 MCPP

R.T.: 7.291 min
Delta R.T.: -0.009 min
Response: 313522099
Conc: 48.66 ug/ml



#6 MCPP

R.T.: 7.752 min
Delta R.T.: -0.013 min
Response: 85646828
Conc: 48.97 ug/ml



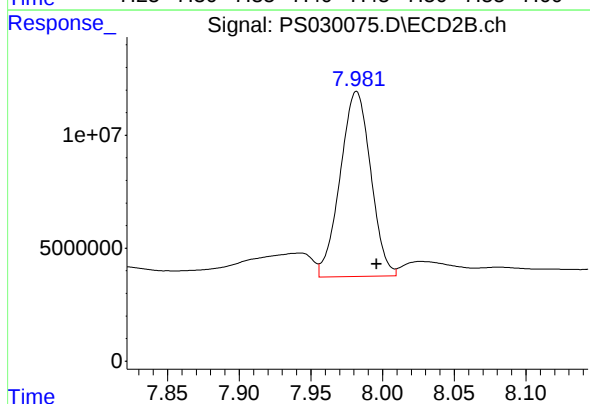
#7 MCPA

R.T.: 7.433 min
Delta R.T.: -0.011 min
Response: 446872704
Conc: 50.60 ug/ml

Instrument :
ECD_S
ClientSampleId :
PB167891BS

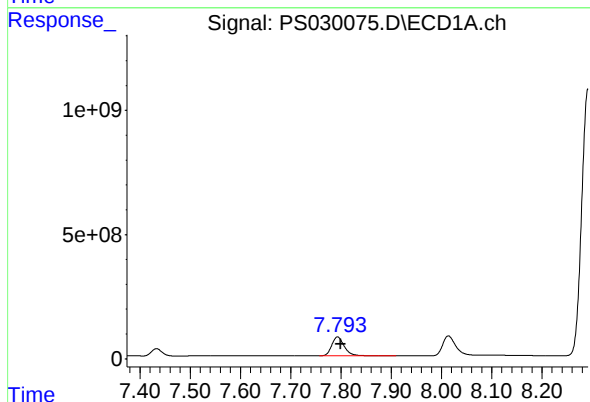
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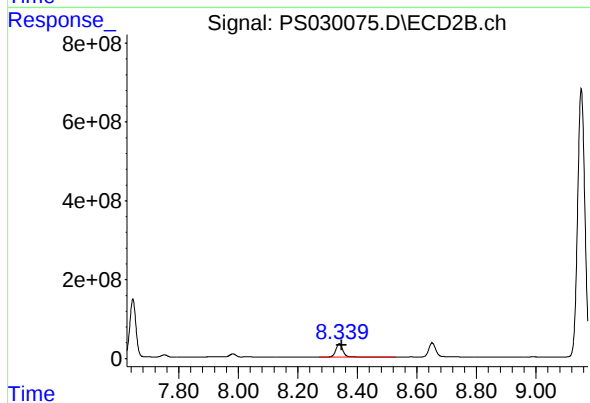
#7 MCPA

R.T.: 7.982 min
Delta R.T.: -0.014 min
Response: 121409350
Conc: 51.32 ug/ml



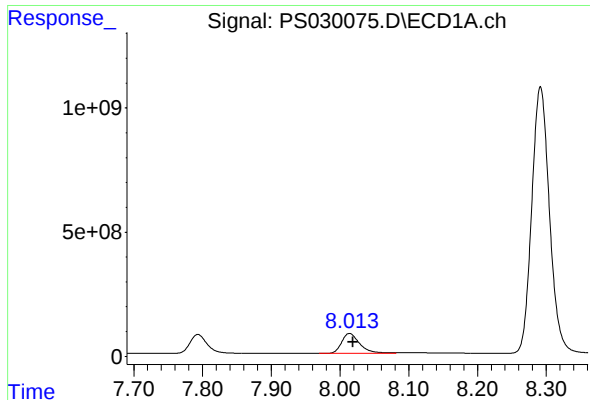
#8 DICHLORPROP

R.T.: 7.793 min
Delta R.T.: -0.006 min
Response: 1330488575
Conc: 525.03 ng/ml



#8 DICHLORPROP

R.T.: 8.339 min
Delta R.T.: -0.009 min
Response: 544294223
Conc: 542.15 ng/ml



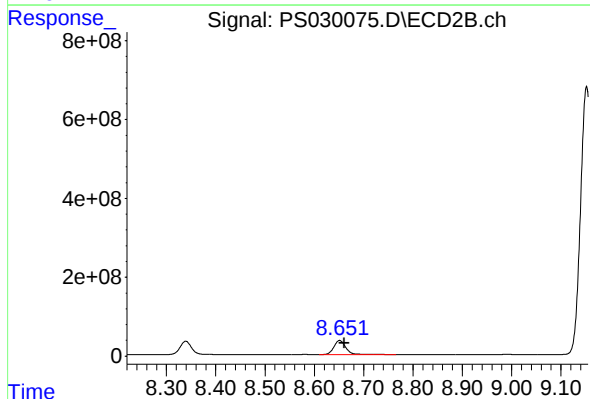
#9 2,4-D

R.T.: 8.014 min
Delta R.T.: -0.005 min
Response: 1481153075
Conc: 526.56 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167891BS

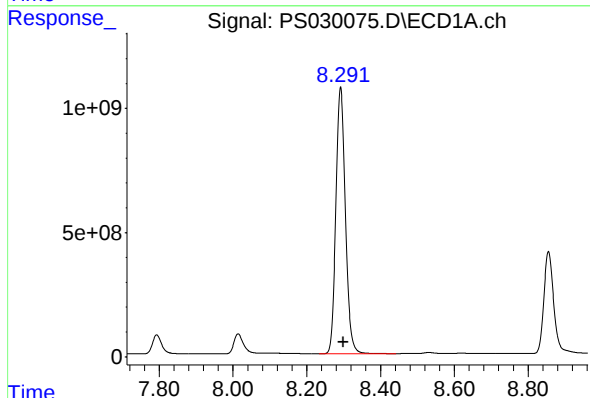
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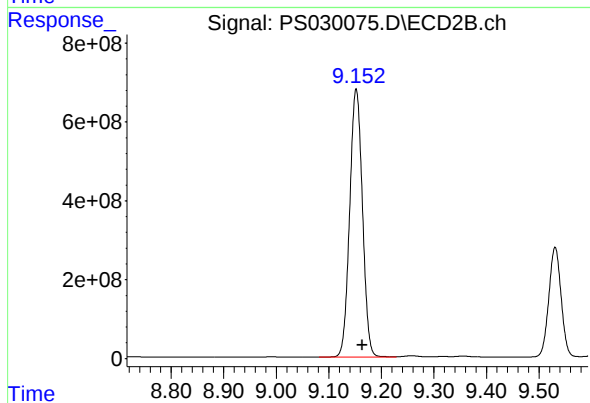
#9 2,4-D

R.T.: 8.651 min
Delta R.T.: -0.010 min
Response: 594566711
Conc: 527.52 ng/ml



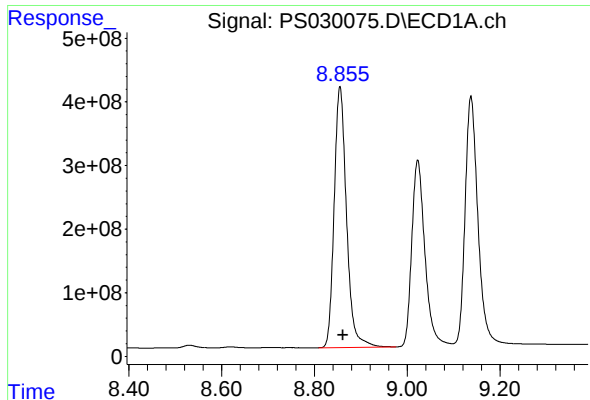
#10 Pentachlorophenol

R.T.: 8.292 min
Delta R.T.: -0.008 min
Response: 19200737450
Conc: 550.40 ng/ml



#10 Pentachlorophenol

R.T.: 9.152 min
Delta R.T.: -0.011 min
Response: 11439264885
Conc: 562.27 ng/ml



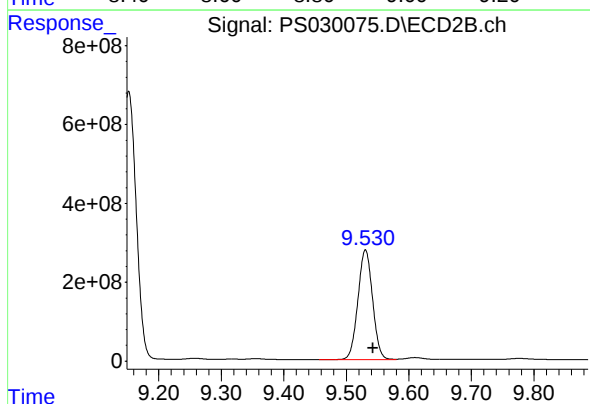
#11 2,4,5-TP (SILVEX)

R.T.: 8.855 min
Delta R.T.: -0.007 min
Response: 7579091887
Conc: 546.72 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167891BS

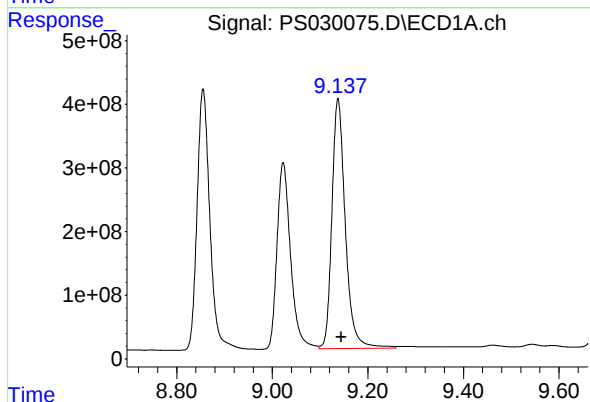
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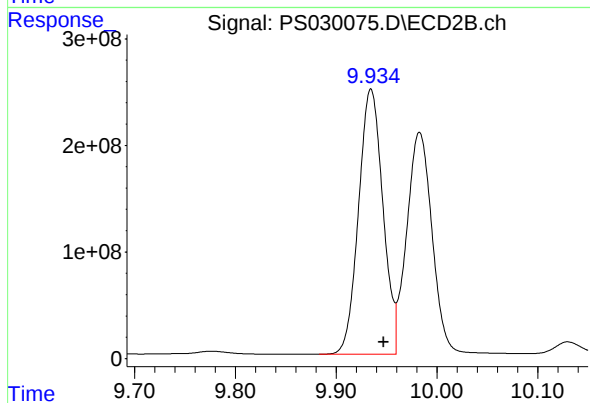
#11 2,4,5-TP (SILVEX)

R.T.: 9.531 min
Delta R.T.: -0.012 min
Response: 4506954925
Conc: 550.85 ng/ml



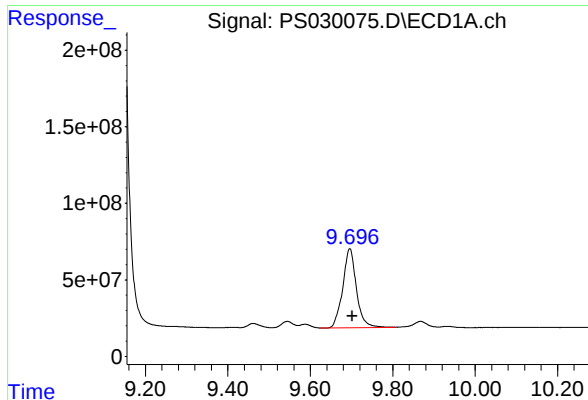
#12 2,4,5-T

R.T.: 9.138 min
Delta R.T.: -0.006 min
Response: 7662359060
Conc: 545.24 ng/ml



#12 2,4,5-T

R.T.: 9.935 min
Delta R.T.: -0.013 min
Response: 4166717213
Conc: 536.77 ng/ml



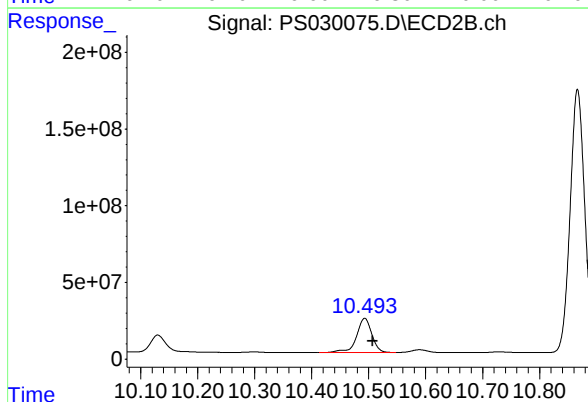
#13 2,4-DB

R.T.: 9.696 min
Delta R.T.: -0.006 min
Response: 1186542006
Conc: 519.19 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167891BS

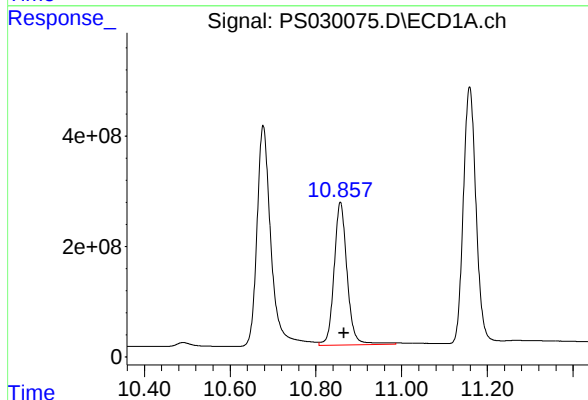
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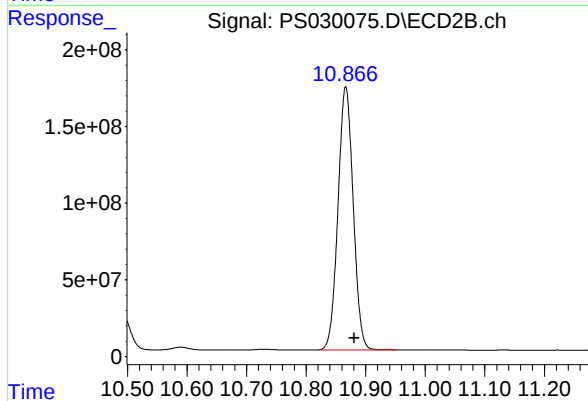
#13 2,4-DB

R.T.: 10.493 min
Delta R.T.: -0.013 min
Response: 418250696
Conc: 519.67 ng/ml



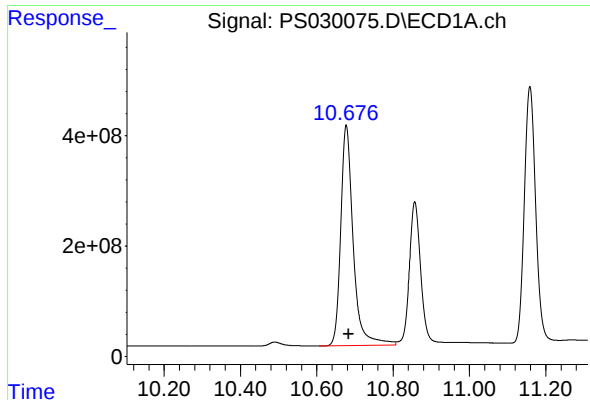
#14 DINOSEB

R.T.: 10.857 min
Delta R.T.: -0.009 min
Response: 5478606572
Conc: 538.52 ng/ml



#14 DINOSEB

R.T.: 10.867 min
Delta R.T.: -0.015 min
Response: 3040290243
Conc: 521.40 ng/ml



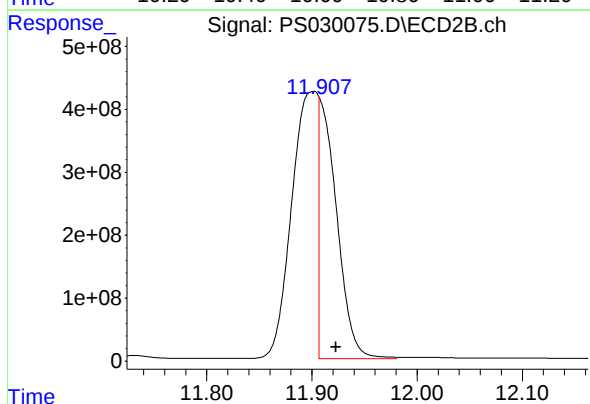
#15 Picloram

R.T.: 10.677 min
Delta R.T.: -0.007 min
Response: 9049877403
Conc: 493.70 ng/ml

Instrument :
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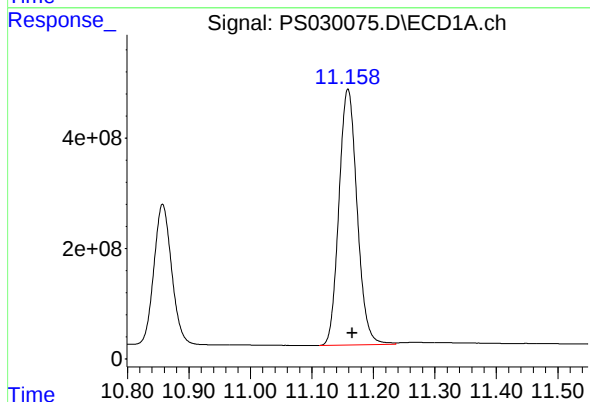
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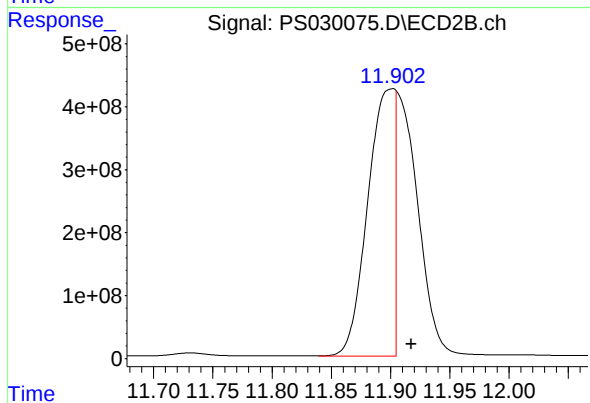
#15 Picloram

R.T.: 11.907 min
Delta R.T.: -0.016 min
Response: 4787241642
Conc: 389.72 ng/ml m



#16 DCPA

R.T.: 11.159 min
Delta R.T.: -0.007 min
Response: 9505807597
Conc: 558.48 ng/ml



#16 DCPA

R.T.: 11.902 min
Delta R.T.: -0.015 min
Response: 6716879076
Conc: 595.91 ng/ml m