

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS070125\
 Data File : PS030871.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Jul 2025 18:44
 Operator : AR\AJ
 Sample : PB168675BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PB168675BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/02/2025
 Supervised By :mohammad ahmed 07/04/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 02 01:46:33 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	7.341	7.769	2391.0E6	658.8E6	650.722	614.619
Target Compounds							
1) T	Dalapon	2.704	2.712	3047.7E6	1295.0E6	510.871	472.341
2) T	3,5-DICHL...	6.500	6.715	4221.0E6	913.7E6	784.939	566.402 #
3) T	4-Nitroph...	7.140	7.301	999.2E6	952.2E6	633.696	549.264
5) T	DICAMBA	7.531	7.971	9415.3E6	3863.9E6	618.810	589.625
6) T	MCPD	7.711	8.081	616.1E6	370.2E6	65.622m	176.510 #
7) T	MCPA	7.862	8.318	724.2E6	198.7E6	61.735	63.171
8) T	DICHLORPROP	8.244	8.690	2217.8E6	879.1E6	592.092	559.078
9) T	2,4-D	8.476	9.027	2119.2E6	963.9E6	615.246	567.221
10) T	Pentachlo...	8.783	9.551	34356.4E6	23318.2E6	649.148	611.671
11) T	2,4,5-TP ...	9.363	9.932	13147.2E6	8545.0E6	656.363	592.220
12) T	2,4,5-T	9.656	10.358	11647.6E6	8362.0E6	707.926	611.945
13) T	2,4-DB	10.235	10.925	1797.5E6	716.3E6	783.732	605.575
14) T	DINOSEB	11.451	11.310	9275.0E6	6474.5E6	668.554m	600.534
15) T	Picloram	11.262	12.419	12197.9E6	14357.1E6	758.760m	617.737
16) T	DCPA	11.747	12.355	17663.9E6	12062.1E6	689.557	547.212m

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

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Operator : AR\AJ
Sample : PB168675BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

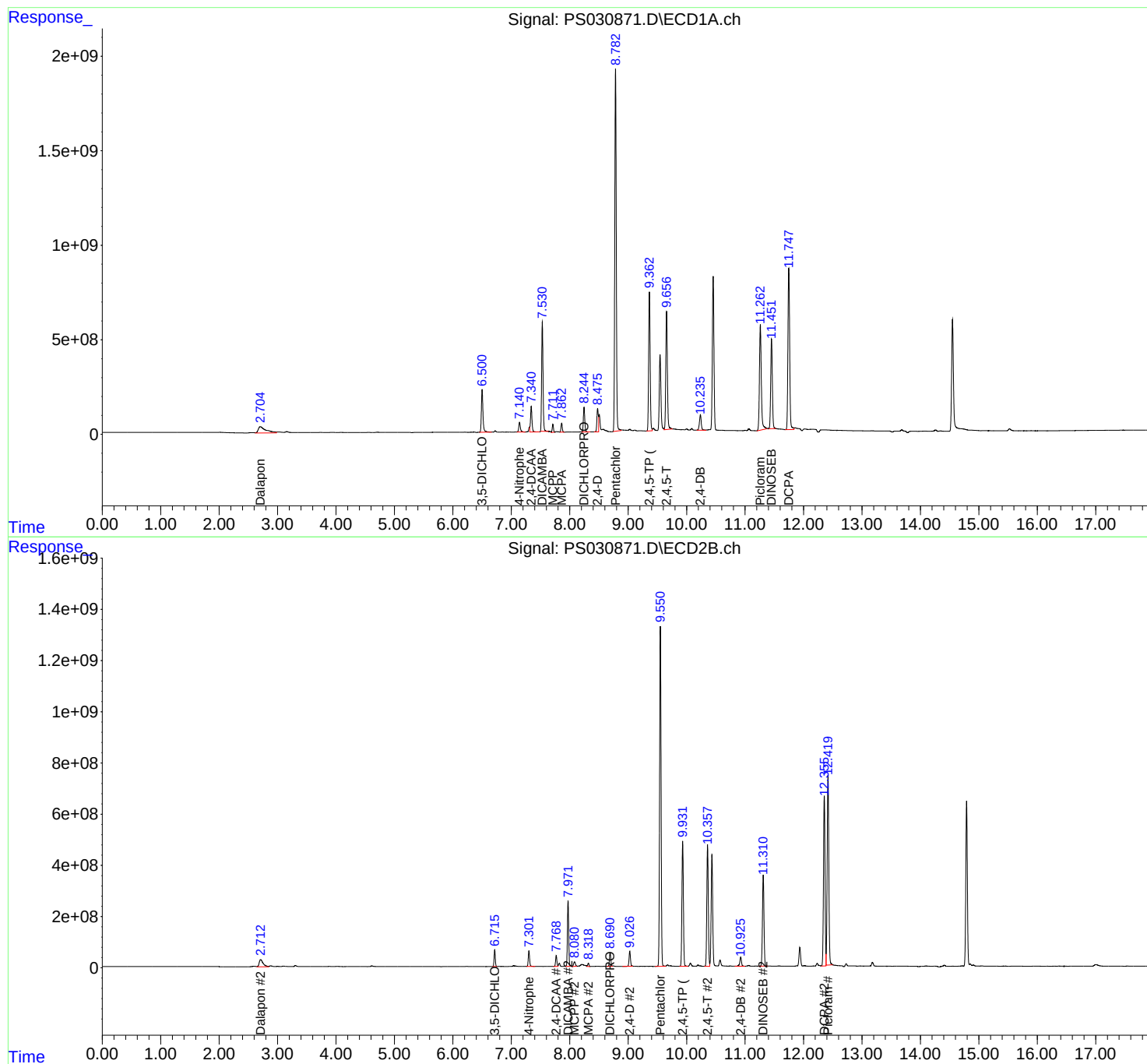
Instrument :
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ClientSampleId :
PB168675BS

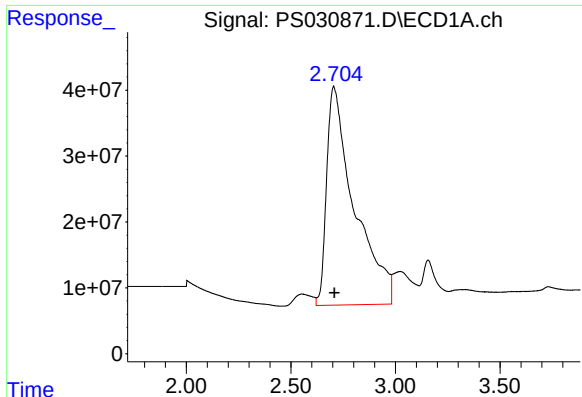
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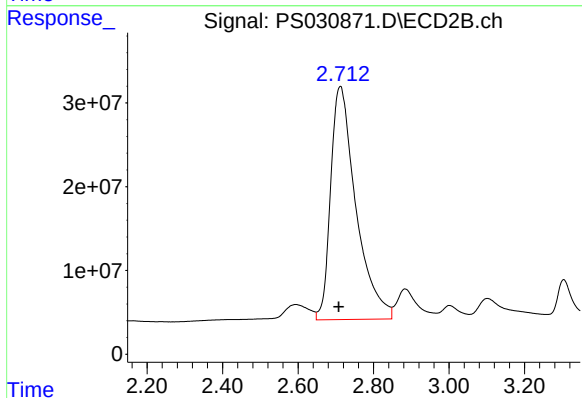
#1 Dalapon

R.T.: 2.704 min
Delta R.T.: -0.004 min
Response: 3047668495
Conc: 510.87 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168675BS

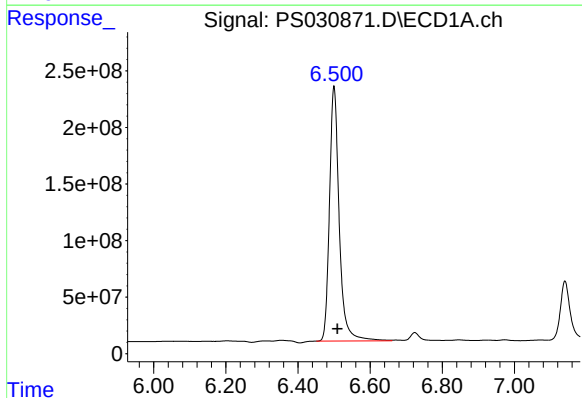
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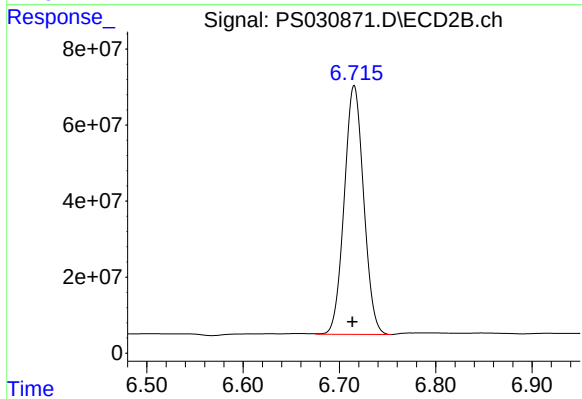
#1 Dalapon

R.T.: 2.712 min
Delta R.T.: 0.005 min
Response: 1295036283
Conc: 472.34 ng/ml



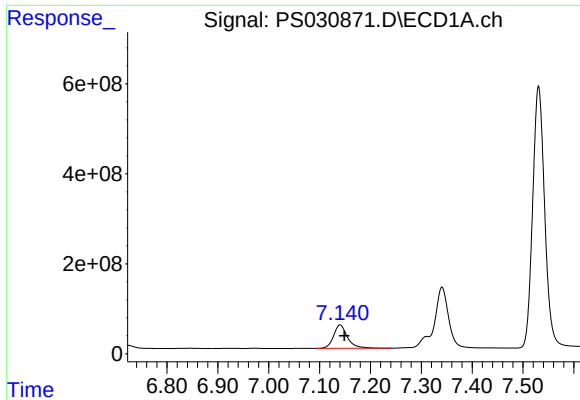
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.500 min
Delta R.T.: -0.009 min
Response: 4221048627
Conc: 784.94 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.715 min
Delta R.T.: 0.002 min
Response: 913691659
Conc: 566.40 ng/ml



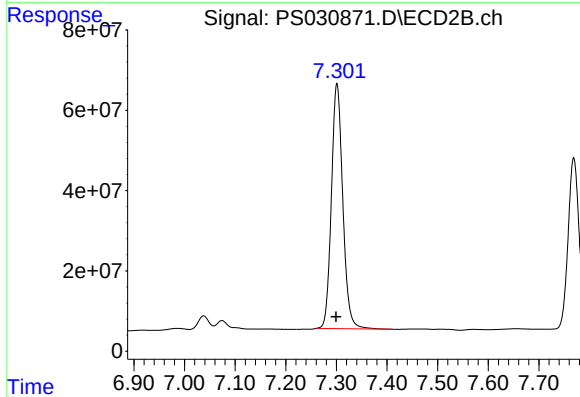
#3 4-Nitrophenol

R.T.: 7.140 min
Delta R.T.: -0.009 min
Response: 999191720
Conc: 633.70 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168675BS

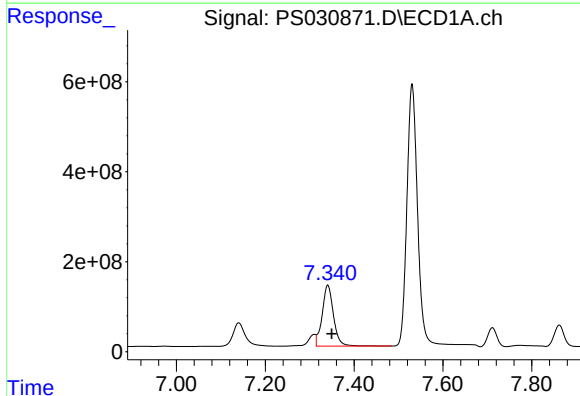
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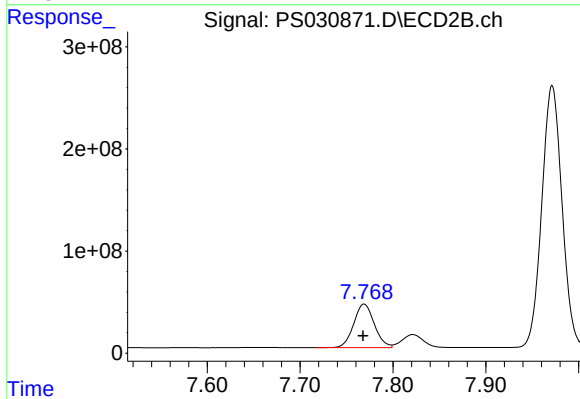
#3 4-Nitrophenol

R.T.: 7.301 min
Delta R.T.: 0.002 min
Response: 952169355
Conc: 549.26 ng/ml



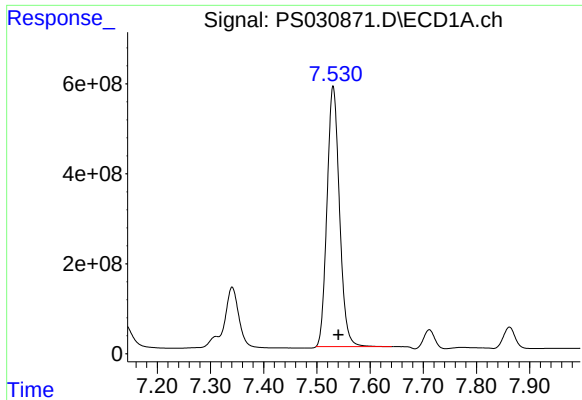
#4 2,4-DCAA

R.T.: 7.341 min
Delta R.T.: -0.009 min
Response: 2391010391
Conc: 650.72 ng/ml



#4 2,4-DCAA

R.T.: 7.769 min
Delta R.T.: 0.000 min
Response: 658848837
Conc: 614.62 ng/ml



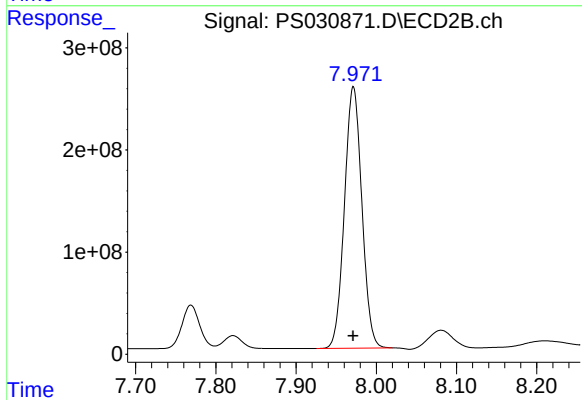
#5 DICAMBA

R.T.: 7.531 min
Delta R.T.: -0.010 min
Response: 9415254337
Conc: 618.81 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168675BS

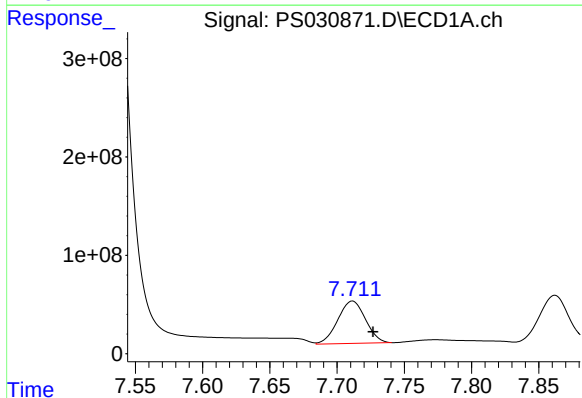
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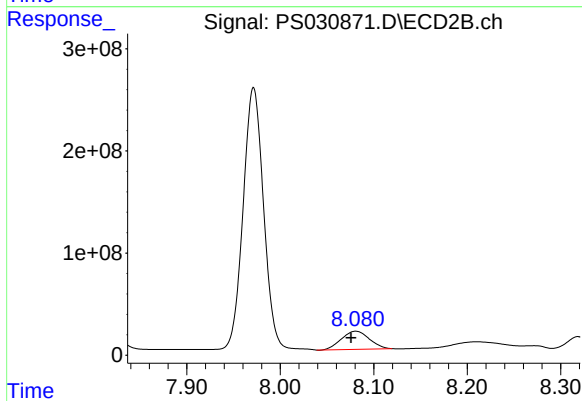
#5 DICAMBA

R.T.: 7.971 min
Delta R.T.: 0.000 min
Response: 3863936009
Conc: 589.62 ng/ml



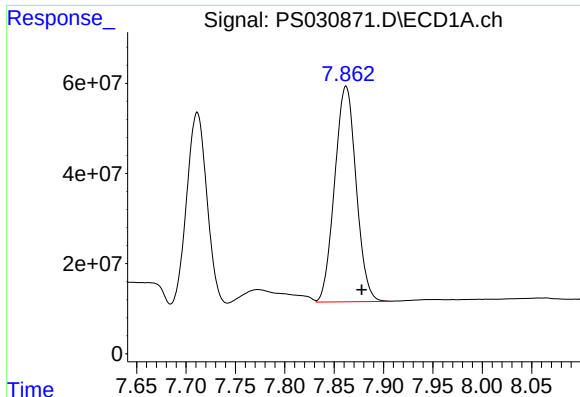
#6 MCP

R.T.: 7.711 min
Delta R.T.: -0.016 min
Response: 616078924
Conc: 65.62 ug/ml m



#6 MCP

R.T.: 8.081 min
Delta R.T.: 0.005 min
Response: 370196720
Conc: 176.51 ug/ml



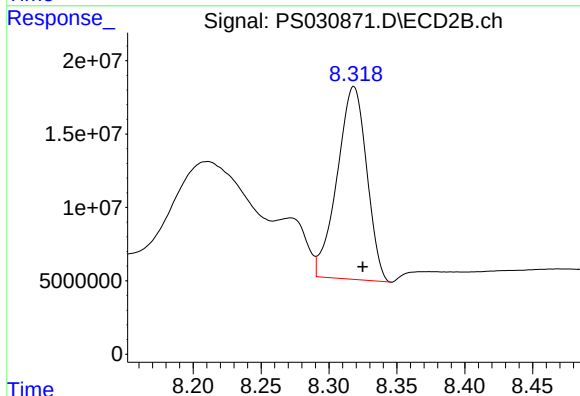
#7 MCPA

R.T.: 7.862 min
Delta R.T.: -0.016 min
Response: 724189163
Conc: 61.74 ug/ml

Instrument :
ECD_S
ClientSampleId :
PB168675BS

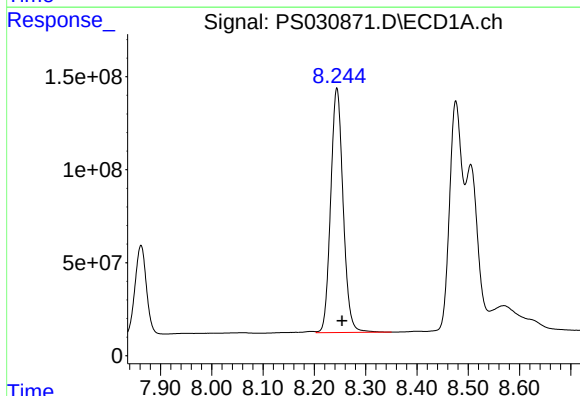
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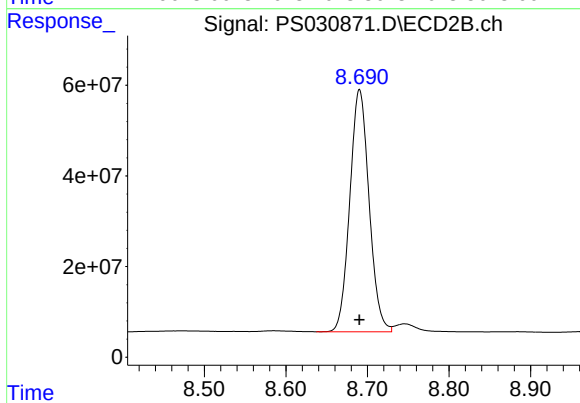
#7 MCPA

R.T.: 8.318 min
Delta R.T.: -0.007 min
Response: 198718176
Conc: 63.17 ug/ml



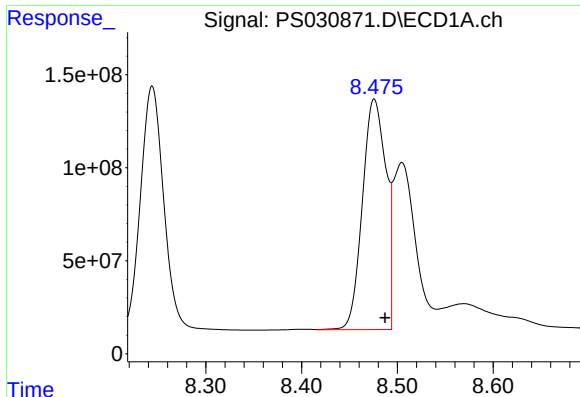
#8 DICHLORPROP

R.T.: 8.244 min
Delta R.T.: -0.010 min
Response: 2217839184
Conc: 592.09 ng/ml



#8 DICHLORPROP

R.T.: 8.690 min
Delta R.T.: 0.000 min
Response: 879147441
Conc: 559.08 ng/ml



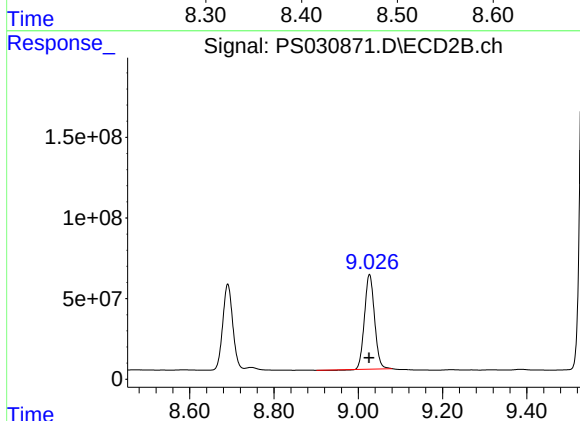
#9 2,4-D

R.T.: 8.476 min
Delta R.T.: -0.011 min
Response: 2119160906
Conc: 615.25 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168675BS

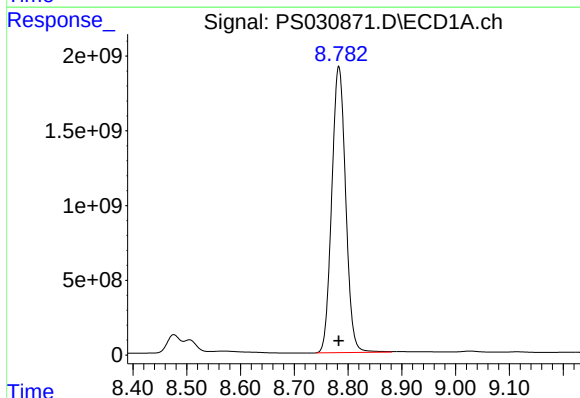
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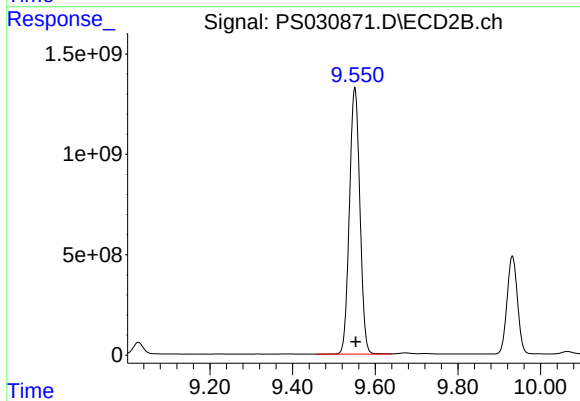
#9 2,4-D

R.T.: 9.027 min
Delta R.T.: 0.001 min
Response: 963938831
Conc: 567.22 ng/ml



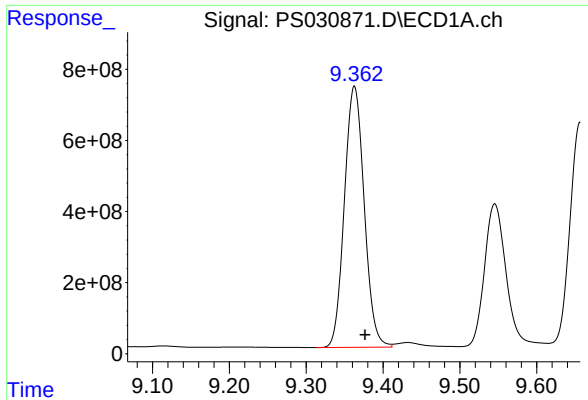
#10 Pentachlorophenol

R.T.: 8.783 min
Delta R.T.: 0.000 min
Response: 34356447634
Conc: 649.15 ng/ml



#10 Pentachlorophenol

R.T.: 9.551 min
Delta R.T.: -0.002 min
Response: 23318171962
Conc: 611.67 ng/ml



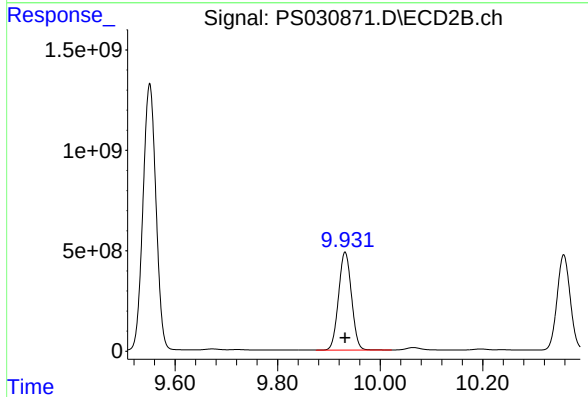
#11 2,4,5-TP (SILVEX)

R.T.: 9.363 min
Delta R.T.: -0.014 min
Response: 13147223189
Conc: 656.36 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168675BS

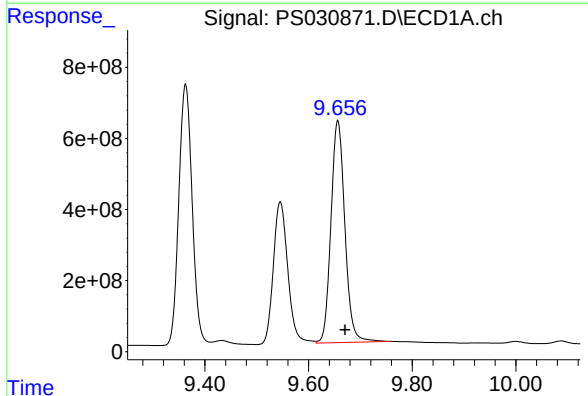
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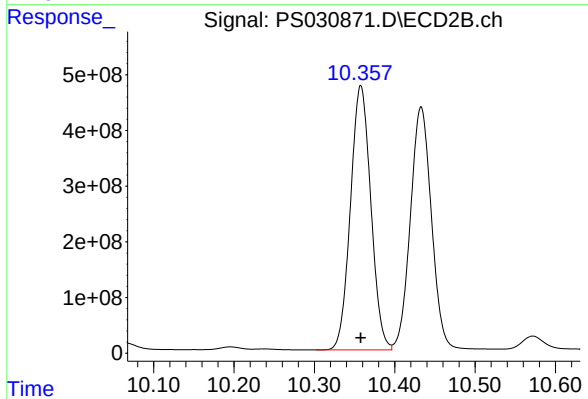
#11 2,4,5-TP (SILVEX)

R.T.: 9.932 min
Delta R.T.: 0.000 min
Response: 8544966450
Conc: 592.22 ng/ml



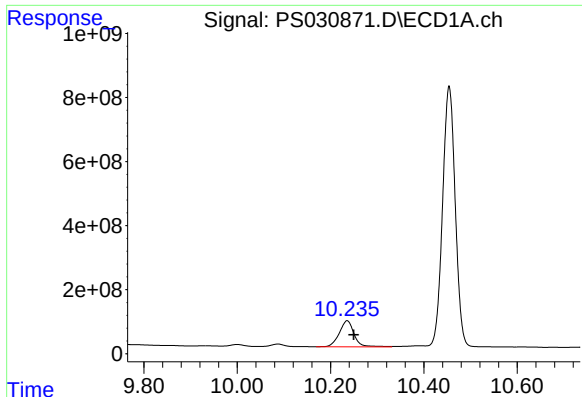
#12 2,4,5-T

R.T.: 9.656 min
Delta R.T.: -0.014 min
Response: 11647608061
Conc: 707.93 ng/ml



#12 2,4,5-T

R.T.: 10.358 min
Delta R.T.: 0.000 min
Response: 8361999905
Conc: 611.94 ng/ml



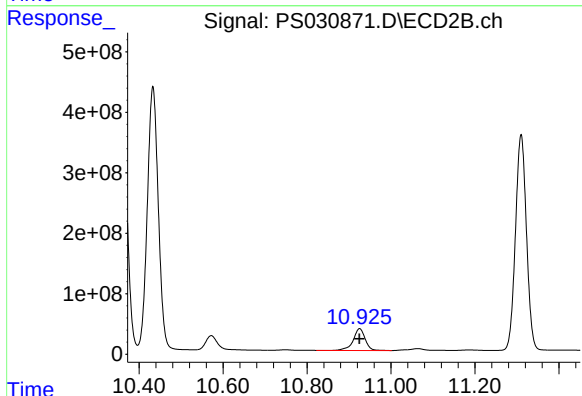
#13 2,4-DB

R.T.: 10.235 min
Delta R.T.: -0.014 min
Response: 1797492220
Conc: 783.73 ng/ml

Instrument :
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ClientSampleId :
PB168675BS

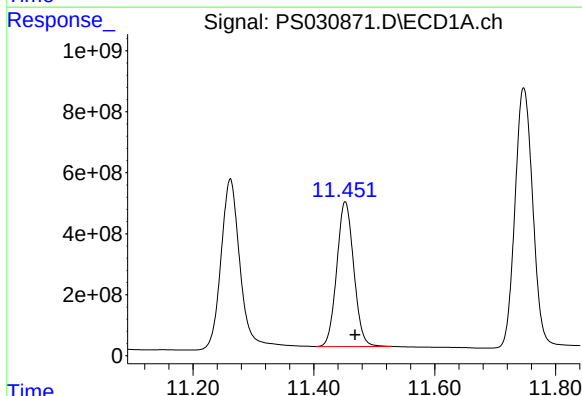
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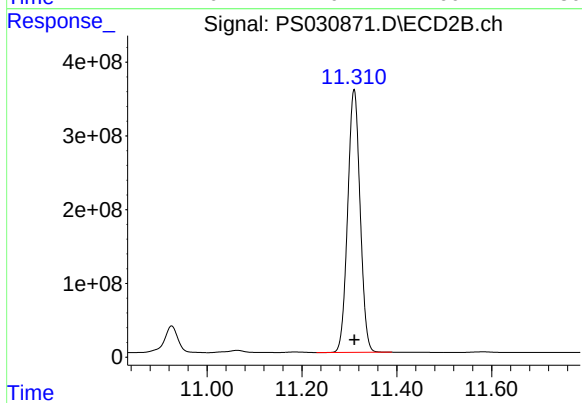
#13 2,4-DB

R.T.: 10.925 min
Delta R.T.: 0.000 min
Response: 716336905
Conc: 605.58 ng/ml



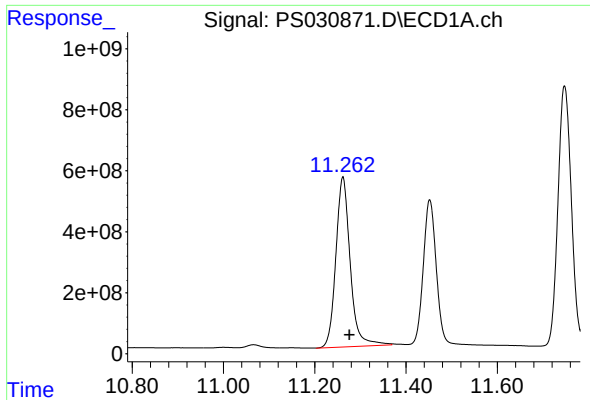
#14 DINOSEB

R.T.: 11.451 min
Delta R.T.: -0.017 min
Response: 9274970650
Conc: 668.55 ng/ml m



#14 DINOSEB

R.T.: 11.310 min
Delta R.T.: 0.000 min
Response: 6474504313
Conc: 600.53 ng/ml



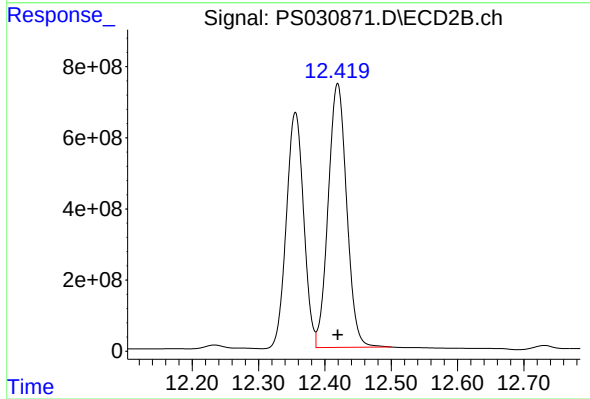
#15 Picloram

R.T.: 11.262 min
Delta R.T.: -0.015 min
Response: 12197902617
Conc: 758.76 ng/ml

Instrument :
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ClientSampleId :
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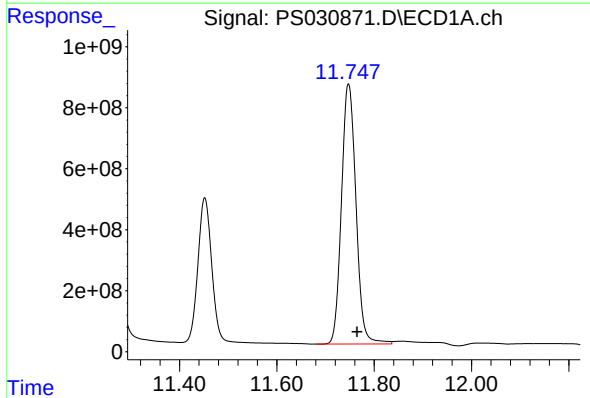
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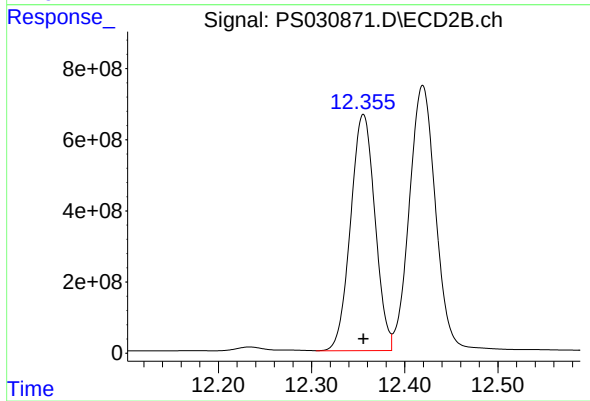
#15 Picloram

R.T.: 12.419 min
Delta R.T.: 0.000 min
Response: 14357079387
Conc: 617.74 ng/ml



#16 DCPA

R.T.: 11.747 min
Delta R.T.: -0.018 min
Response: 17663865171
Conc: 689.56 ng/ml



#16 DCPA

R.T.: 12.355 min
Delta R.T.: 0.000 min
Response: 12062077922
Conc: 547.21 ng/ml m