

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS071625\
 Data File : PS031081.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Jul 2025 22:18
 Operator : AR\AJ
 Sample : PB168871BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PB168871BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/17/2025
 Supervised By :mohammad ahmed 07/18/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 17 02:17:39 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS071125.M
 Quant Title : 8080.M
 QLast Update : Mon Jul 14 05:51:06 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	7.329	7.769	2126.8E6	546.9E6	537.735	527.891
Target Compounds							
1) T	Dalapon	2.691	2.706	3048.1E6	1430.9E6	500.361	503.326
2) T	3,5-DICHL...	6.490	6.715	2907.7E6	756.6E6	555.060	488.019
3) T	4-Nitroph...	7.129	7.302	901.2E6	840.9E6	667.563	482.225 #
5) T	DICAMBA	7.518	7.971	8610.4E6	3245.3E6	548.749	501.094
6) T	MCPD	7.698	8.068	483.6E6	104.3E6	52.556	48.767
7) T	MCPA	7.848	8.317	621.6E6	157.2E6	56.994	49.048
8) T	DICHLORPROP	8.230	8.690	1930.6E6	754.1E6	566.960	496.337
9) T	2,4-D	8.463	9.027	1965.2E6	854.3E6	638.388	502.712
10) T	Pentachlo...	8.768	9.551	30507.8E6	20518.2E6	606.980	532.455
11) T	2,4,5-TP ...	9.349	9.932	11389.7E6	7603.9E6	611.996	518.123
12) T	2,4,5-T	9.642	10.359	10519.4E6	7228.7E6	691.459	516.634 #
13) T	2,4-DB	10.220	10.927	1626.2E6	601.4E6	749.137	508.328 #
14) T	DINOSEB	11.434	11.312	7792.3E6	5494.0E6	591.048	483.987
15) T	Picloram	11.247	12.422	10421.2E6	10844.7E6	715.156	461.858m#
16) T	DCPA	11.730	12.355	15120.1E6	11811.3E6	631.659	523.739m

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

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Operator : AR\AJ
Sample : PB168871BS
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ALS Vial : 9 Sample Multiplier: 1

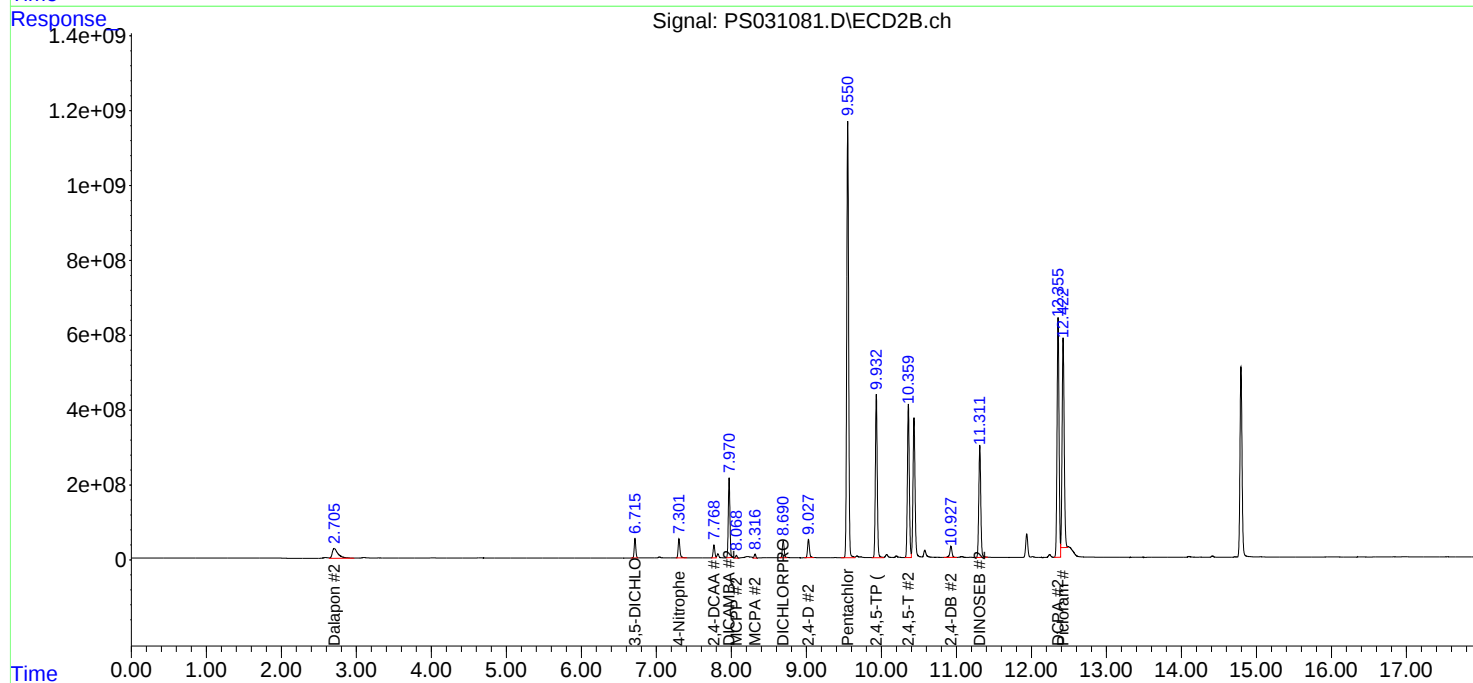
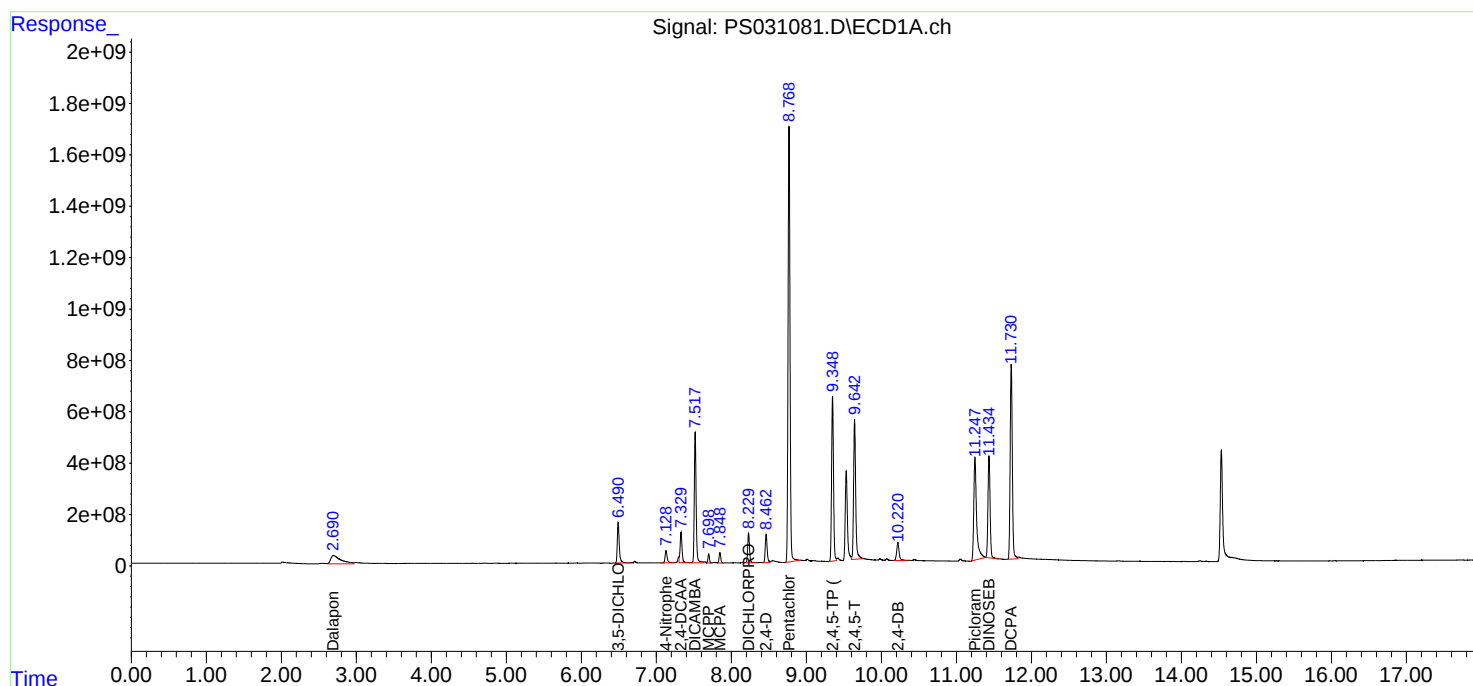
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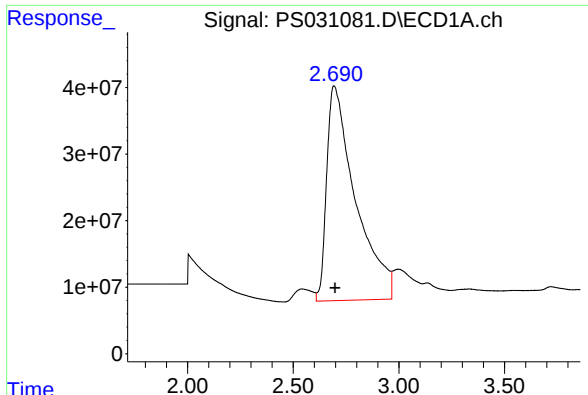
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Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS071125.M
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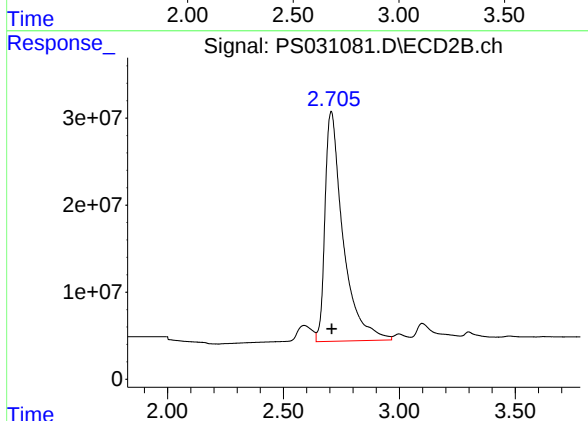
#1 Dalapon

R.T.: 2.691 min
Delta R.T.: -0.007 min
Response: 3048064013
Conc: 500.36 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168871BS

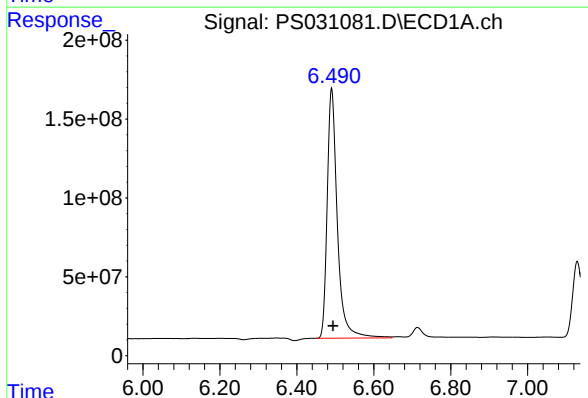
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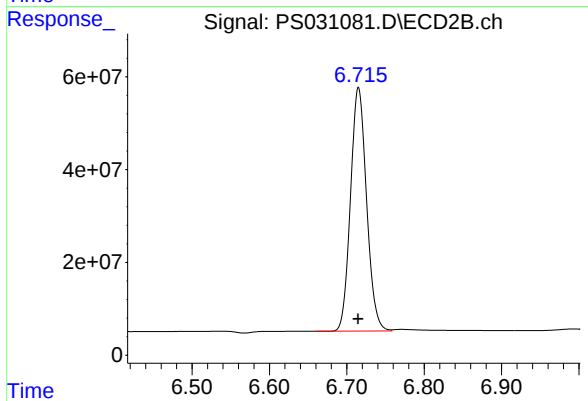
#1 Dalapon

R.T.: 2.706 min
Delta R.T.: -0.003 min
Response: 1430884109
Conc: 503.33 ng/ml



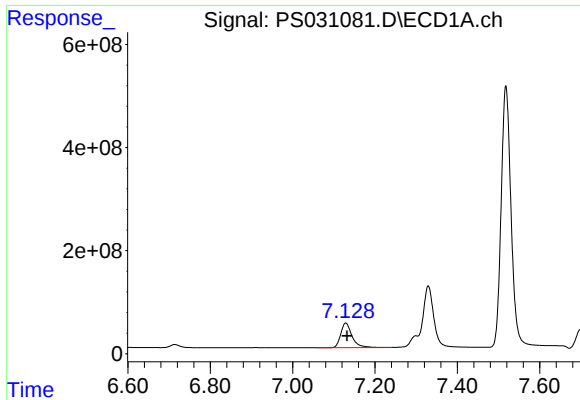
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.490 min
Delta R.T.: -0.003 min
Response: 2907736049
Conc: 555.06 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.715 min
Delta R.T.: 0.000 min
Response: 756594794
Conc: 488.02 ng/ml



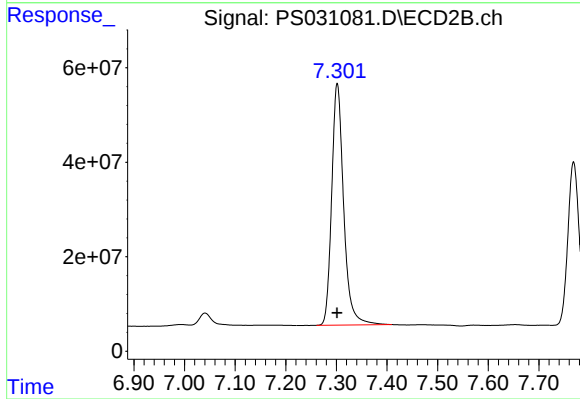
#3 4-Nitrophenol

R.T.: 7.129 min
Delta R.T.: -0.003 min
Response: 901215516
Conc: 667.56 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168871BS

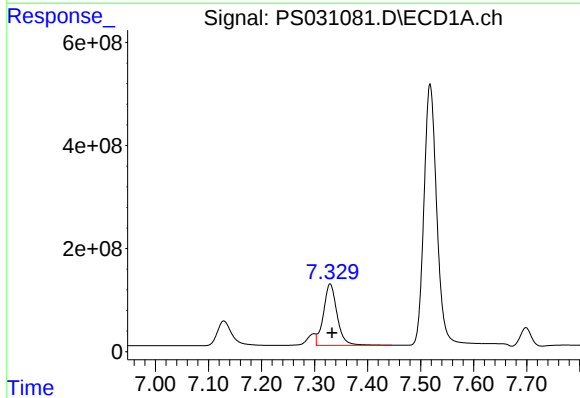
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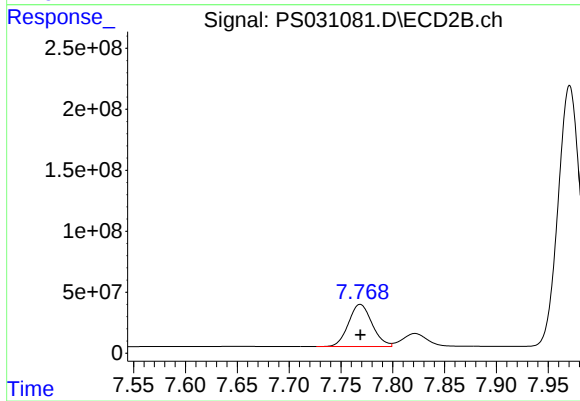
#3 4-Nitrophenol

R.T.: 7.302 min
Delta R.T.: 0.000 min
Response: 840946079
Conc: 482.22 ng/ml



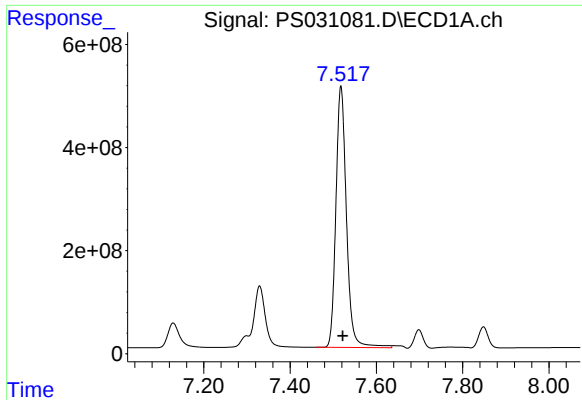
#4 2,4-DCAA

R.T.: 7.329 min
Delta R.T.: -0.004 min
Response: 2126782253
Conc: 537.74 ng/ml



#4 2,4-DCAA

R.T.: 7.769 min
Delta R.T.: 0.000 min
Response: 546912597
Conc: 527.89 ng/ml



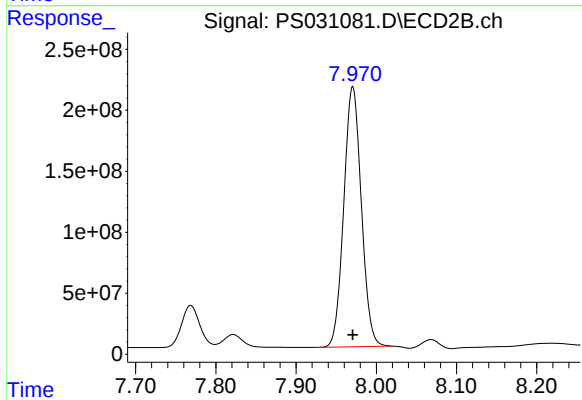
#5 DICAMBA

R.T.: 7.518 min
Delta R.T.: -0.005 min
Response: 8610370176
Conc: 548.75 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168871BS

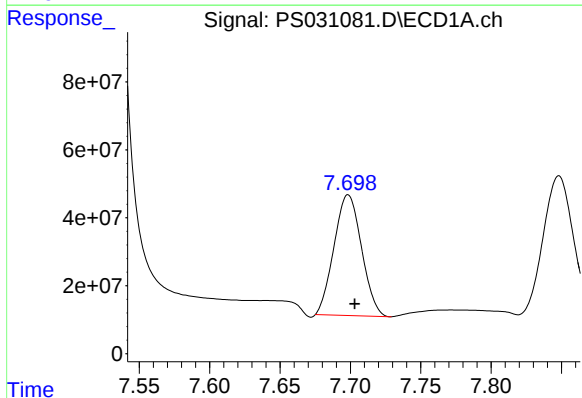
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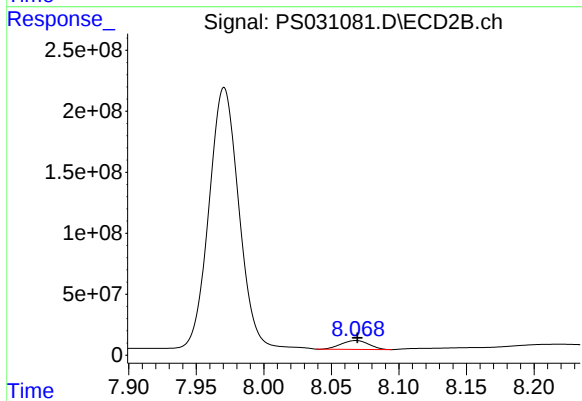
#5 DICAMBA

R.T.: 7.971 min
Delta R.T.: 0.000 min
Response: 3245296468
Conc: 501.09 ng/ml



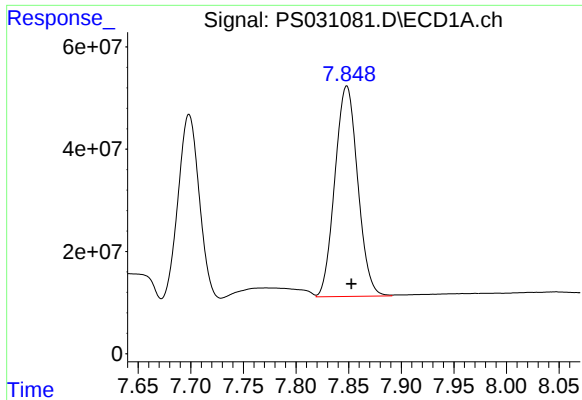
#6 MCP

R.T.: 7.698 min
Delta R.T.: -0.005 min
Response: 483579420
Conc: 52.56 ug/ml



#6 MCP

R.T.: 8.068 min
Delta R.T.: -0.001 min
Response: 104261924
Conc: 48.77 ug/ml



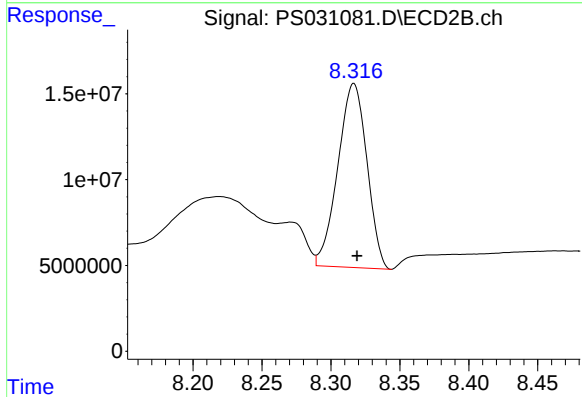
#7 MCPA

R.T.: 7.848 min
Delta R.T.: -0.005 min
Response: 621618486
Conc: 56.99 ug/ml

Instrument :
ECD_S
ClientSampleId :
PB168871BS

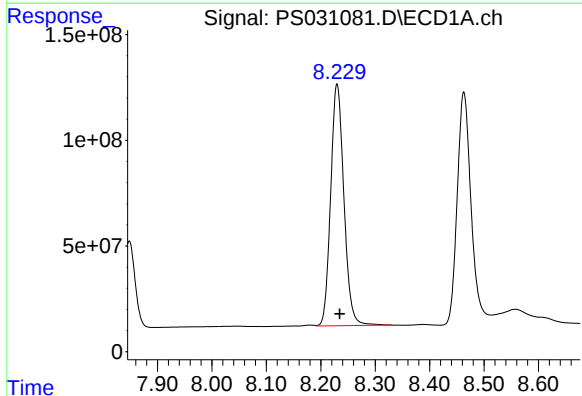
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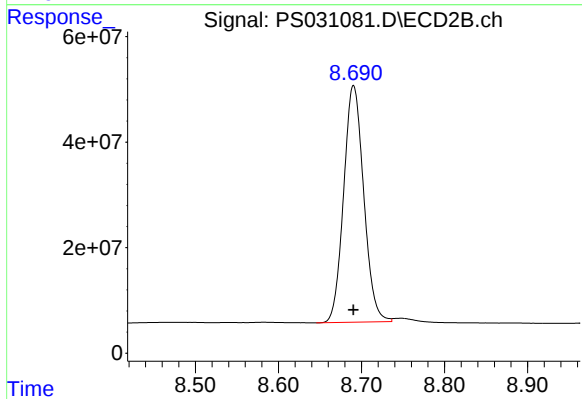
#7 MCPA

R.T.: 8.317 min
Delta R.T.: -0.002 min
Response: 157230984
Conc: 49.05 ug/ml



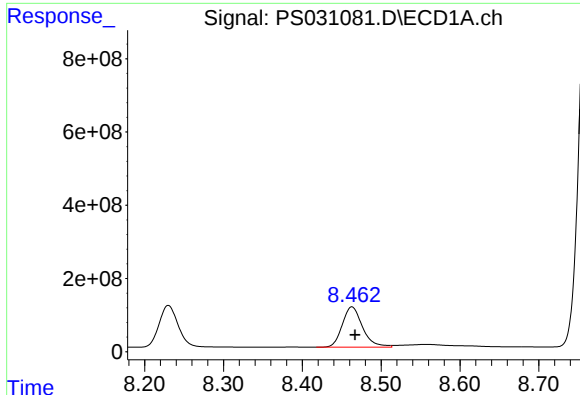
#8 DICHLORPROP

R.T.: 8.230 min
Delta R.T.: -0.005 min
Response: 1930585694
Conc: 566.96 ng/ml



#8 DICHLORPROP

R.T.: 8.690 min
Delta R.T.: 0.000 min
Response: 754065449
Conc: 496.34 ng/ml



#9 2,4-D

R.T.: 8.463 min
Delta R.T.: -0.004 min
Response: 1965235818
Conc: 638.39 ng/ml

Instrument :

ECD_S

ClientSampleId :

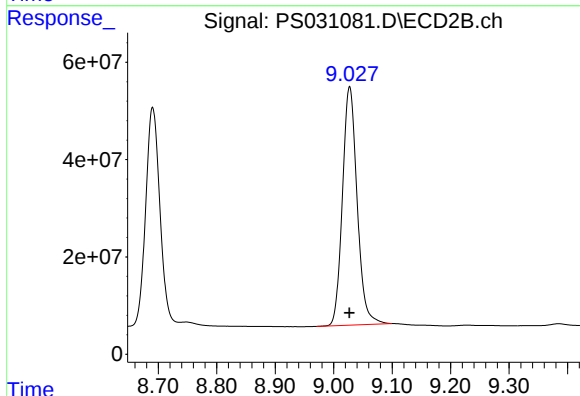
PB168871BS

Manual Integrations

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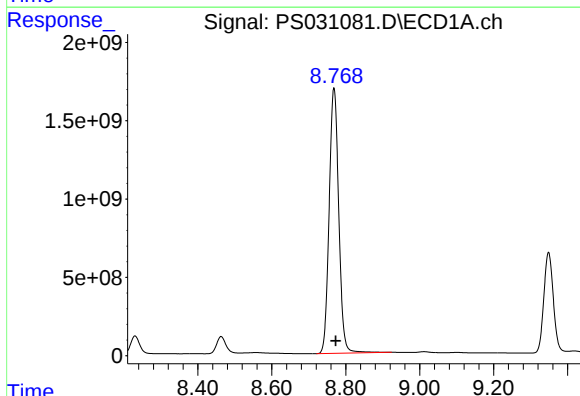
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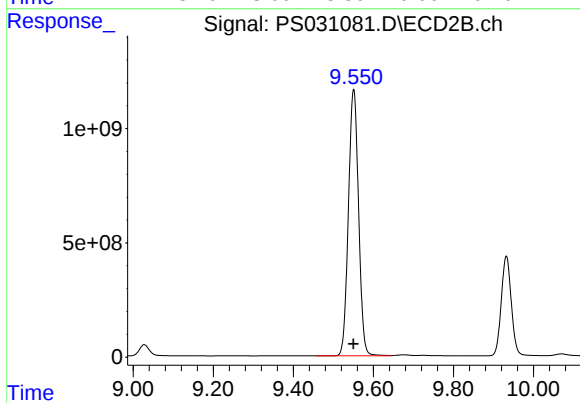
#9 2,4-D

R.T.: 9.027 min
Delta R.T.: 0.000 min
Response: 854342048
Conc: 502.71 ng/ml



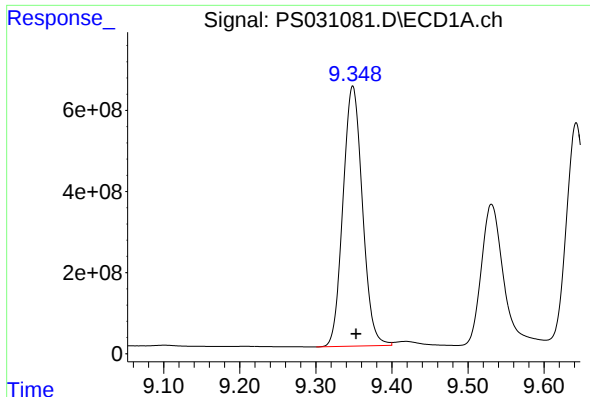
#10 Pentachlorophenol

R.T.: 8.768 min
Delta R.T.: -0.005 min
Response: 30507770454
Conc: 606.98 ng/ml



#10 Pentachlorophenol

R.T.: 9.551 min
Delta R.T.: 0.000 min
Response: 20518196617
Conc: 532.46 ng/ml



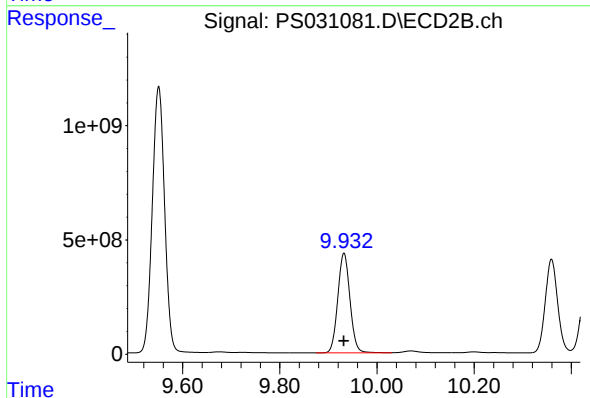
#11 2,4,5-TP (SILVEX)

R.T.: 9.349 min
Delta R.T.: -0.004 min
Response: 11389685269
Conc: 612.00 ng/ml

Instrument :
ECD_S
ClientSampleId :
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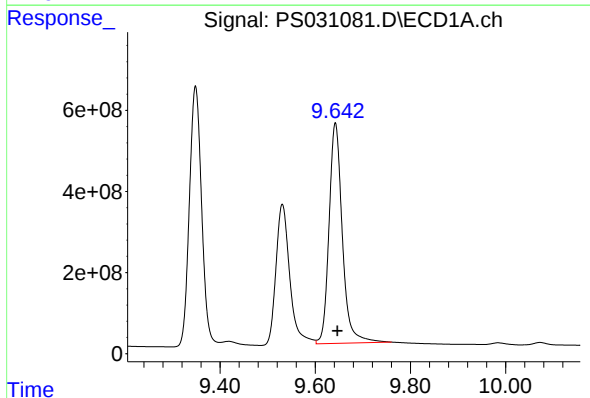
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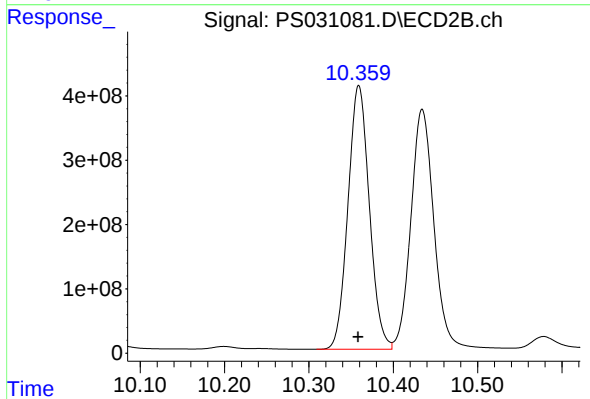
#11 2,4,5-TP (SILVEX)

R.T.: 9.932 min
Delta R.T.: 0.000 min
Response: 7603858601
Conc: 518.12 ng/ml



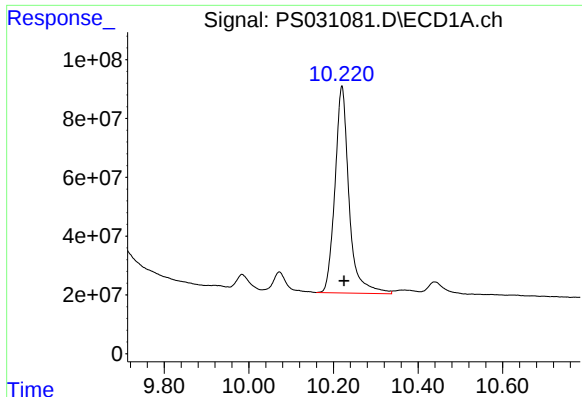
#12 2,4,5-T

R.T.: 9.642 min
Delta R.T.: -0.005 min
Response: 10519384431
Conc: 691.46 ng/ml



#12 2,4,5-T

R.T.: 10.359 min
Delta R.T.: 0.000 min
Response: 7228653181
Conc: 516.63 ng/ml



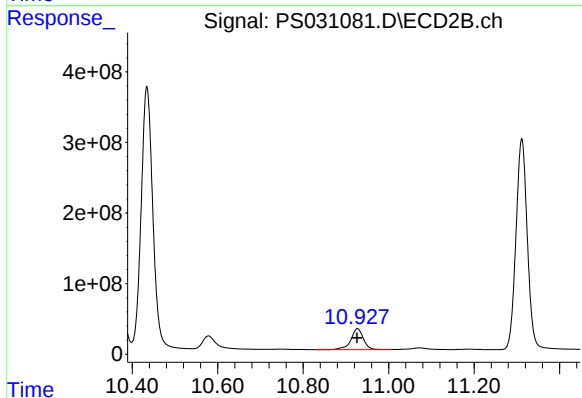
#13 2,4-DB

R.T.: 10.220 min
Delta R.T.: -0.005 min
Response: 1626218056
Conc: 749.14 ng/ml

Instrument :
ECD_S
ClientSampleId :
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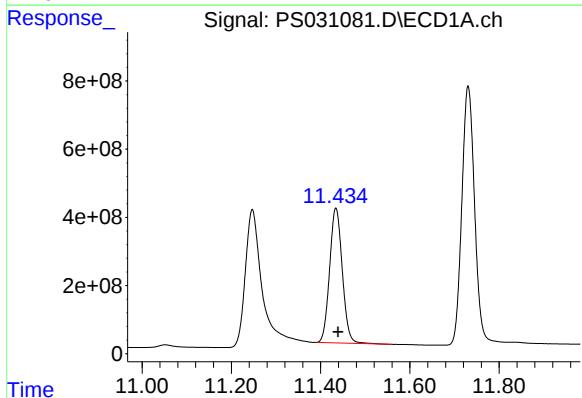
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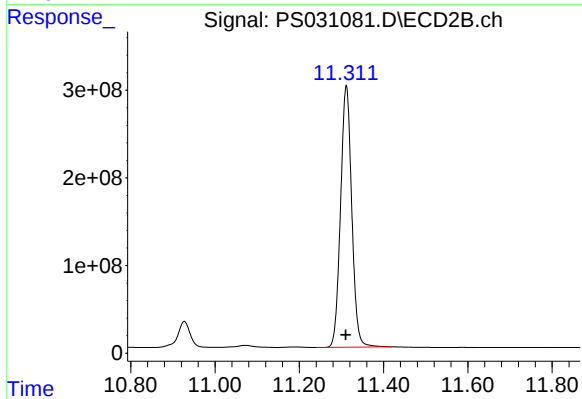
#13 2,4-DB

R.T.: 10.927 min
Delta R.T.: 0.001 min
Response: 601444168
Conc: 508.33 ng/ml



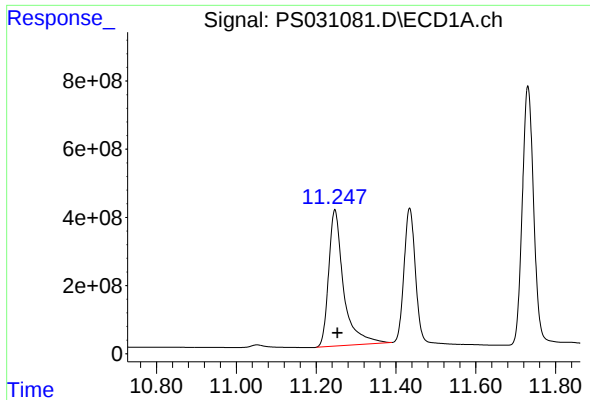
#14 DINOSEB

R.T.: 11.434 min
Delta R.T.: -0.005 min
Response: 7792324719
Conc: 591.05 ng/ml



#14 DINOSEB

R.T.: 11.312 min
Delta R.T.: 0.001 min
Response: 5493989973
Conc: 483.99 ng/ml



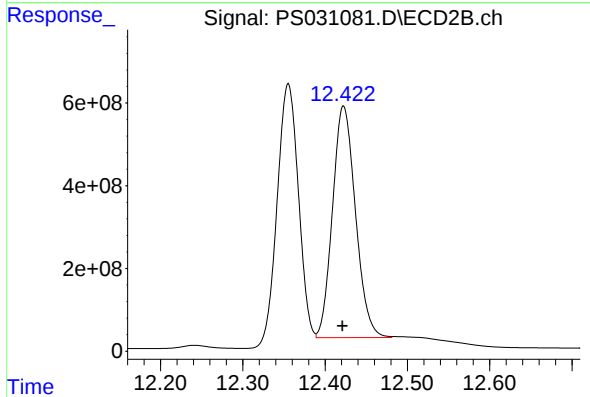
#15 Picloram

R.T.: 11.247 min
Delta R.T.: -0.007 min
Response: 10421217488
Conc: 715.16 ng/ml

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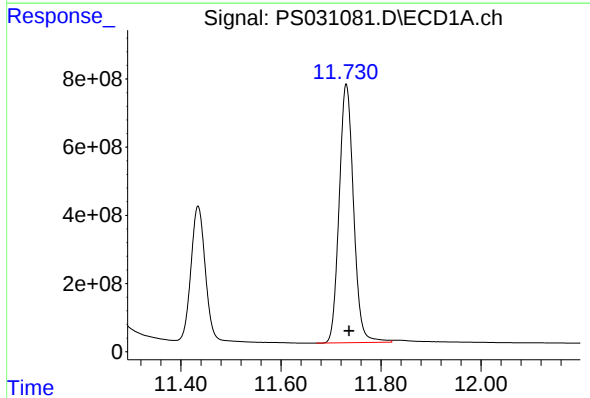
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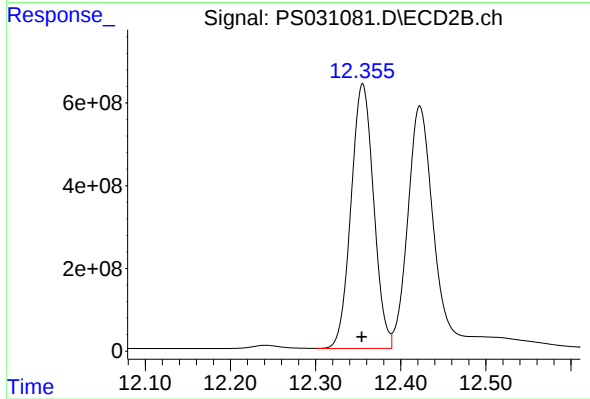
#15 Picloram

R.T.: 12.422 min
Delta R.T.: 0.000 min
Response: 10844734658
Conc: 461.86 ng/ml m



#16 DCPA

R.T.: 11.730 min
Delta R.T.: -0.005 min
Response: 15120125452
Conc: 631.66 ng/ml



#16 DCPA

R.T.: 12.355 min
Delta R.T.: 0.000 min
Response: 11811349059
Conc: 523.74 ng/ml m