

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS061625\
 Data File : PS030691.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Jun 2025 14:23
 Operator : AR\AJ
 Sample : PB168465BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PB168465BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/17/2025
 Supervised By : mohammad ahmed 06/18/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 17 04:13:08 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS061625.M
 Quant Title : 8080.M
 QLast Update : Mon Jun 16 11:52:28 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	7.350	7.768	1840.5E6	534.1E6	489.378m	494.667
Target Compounds							
1) T	Dalapon	2.708	2.711	2647.6E6	1256.1E6	423.301m	446.342
2) T	3,5-DICHL...	6.509	6.714	2529.6E6	748.7E6	465.259	462.799
3) T	4-Nitroph...	7.150	7.300	746.9E6	751.6E6	458.150	440.849
5) T	DICAMBA	7.541	7.971	7331.1E6	3065.2E6	468.572	462.285
6) T	MCP	7.722	8.069	431.2E6	101.4E6	45.340	46.070
7) T	MCPA	7.872	8.317	536.6E6	145.8E6	45.026	45.487
8) T	DICHLORPROP	8.256	8.690	1693.8E6	710.0E6	460.873	463.308
9) T	2,4-D	8.488	9.026	1587.8E6	779.9E6	466.949	465.227
10) T	Pentachlo...	8.796	9.551	26245.1E6	18399.2E6	507.737	485.006
11) T	2,4,5-TP ...	9.378	9.932	9630.9E6	6799.5E6	481.382	473.684
12) T	2,4,5-T	9.671	10.358	7980.7E6	6518.9E6	479.954	472.777
13) T	2,4-DB	10.250	10.926	1173.2E6	545.5E6	474.756	459.741
14) T	DINOSEB	11.470	11.311	6699.2E6	5042.4E6	473.063	460.187
15) T	Picloram	11.279	12.419	7629.0E6	10801.6E6	456.930	450.521
16) T	DCPA	11.766	12.355	12749.9E6	10283.7E6	490.850	478.855m

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

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Manual Integrations

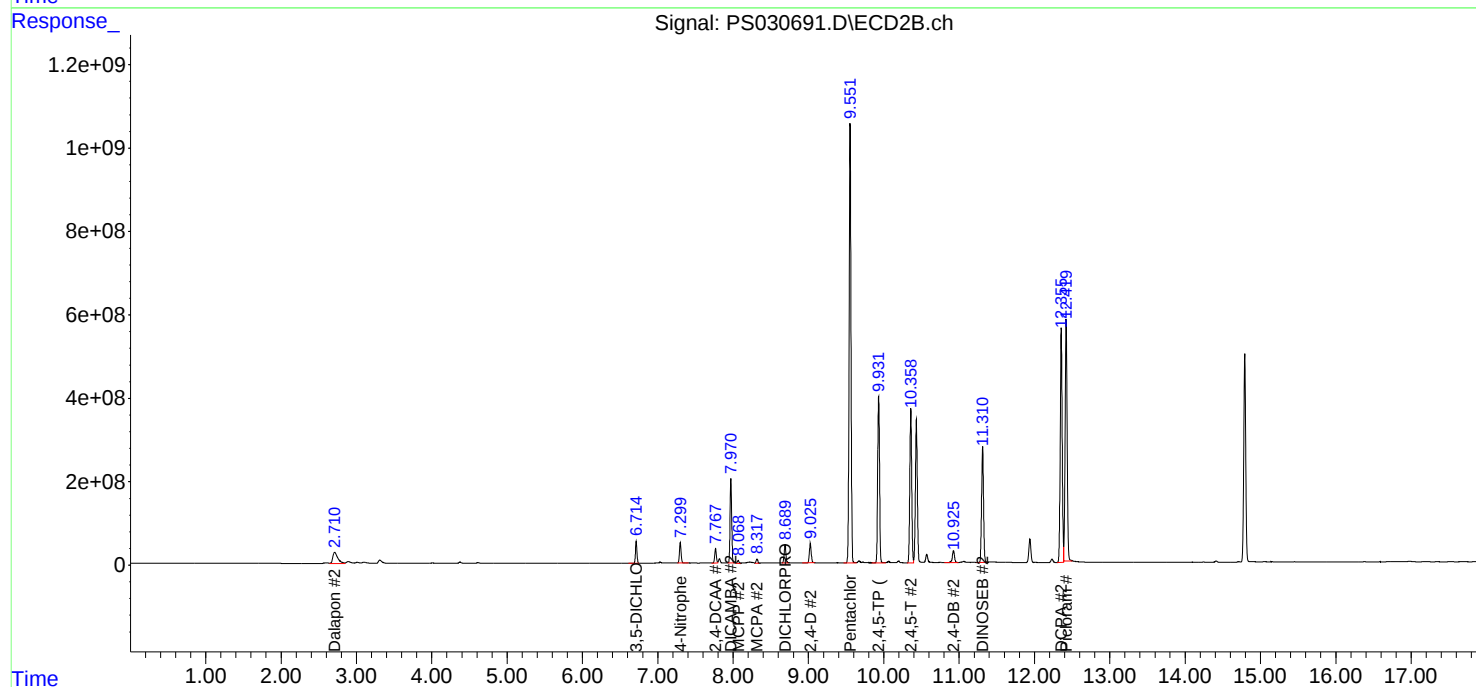
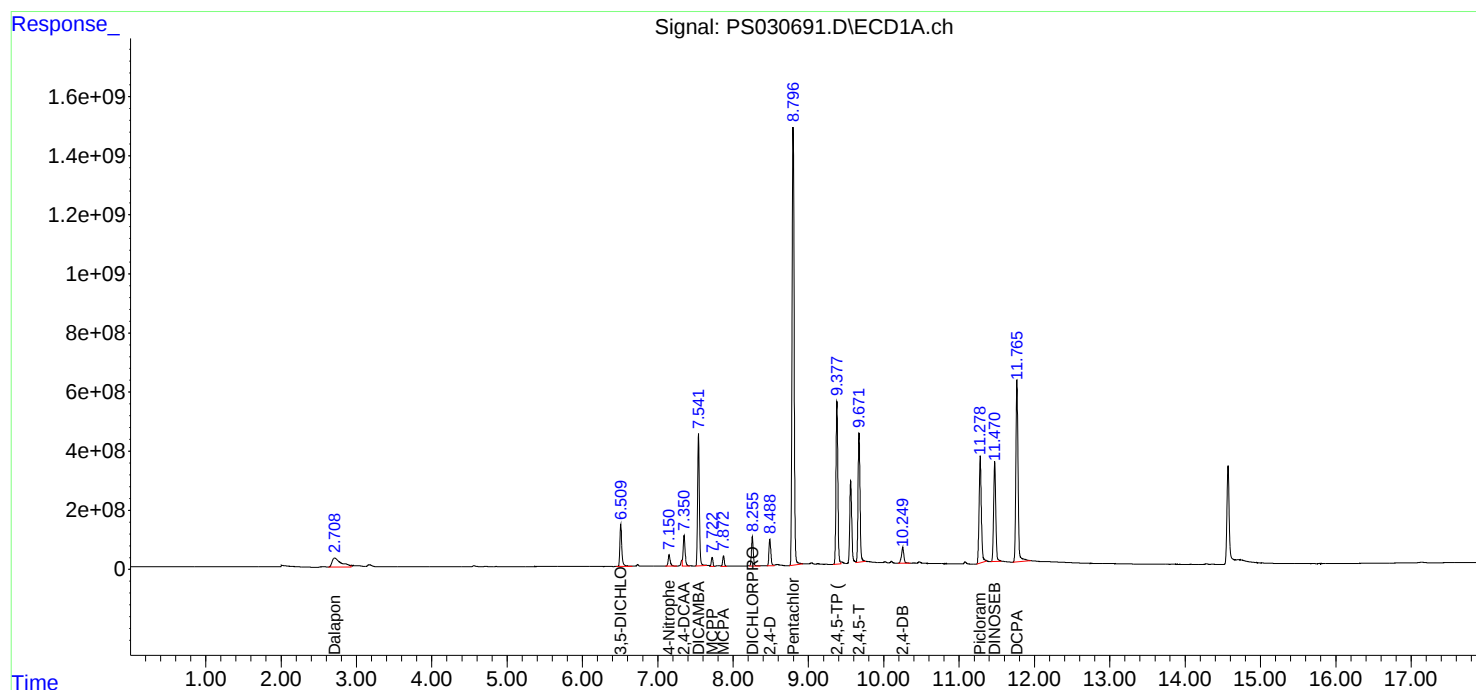
APPROVED

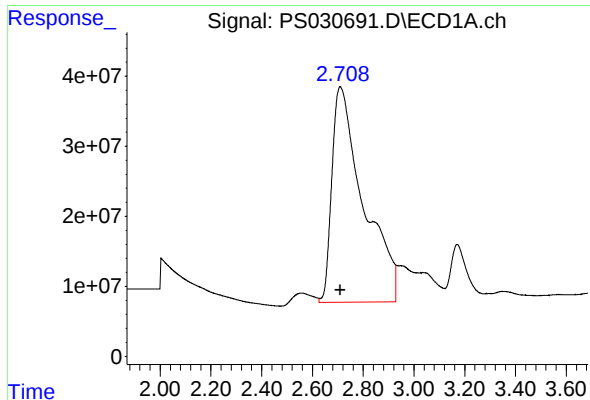
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Supervised By :mohammad ahmed 06/18/2025

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#1 Dalapon

R.T.: 2.708 min
Delta R.T.: -0.001 min
Response: 2647640798
Conc: 423.30 ng/ml

Instrument :

ECD_S

ClientSampleId :

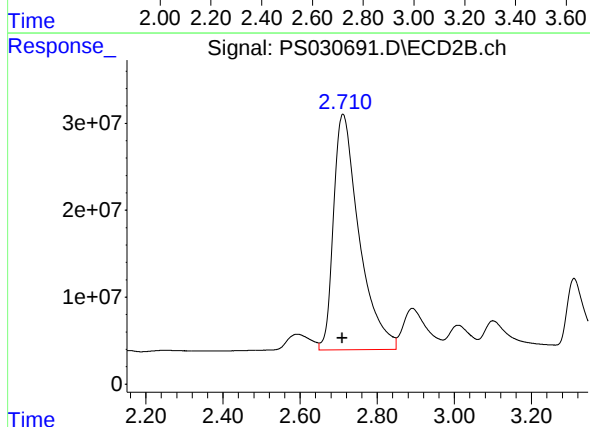
PB168465BS

Manual Integrations

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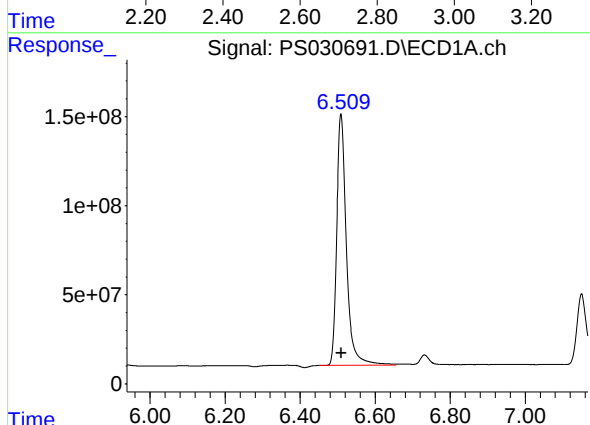
Reviewed By :Abdul Mirza 06/17/2025

Supervised By :mohammad ahmed 06/18/2025



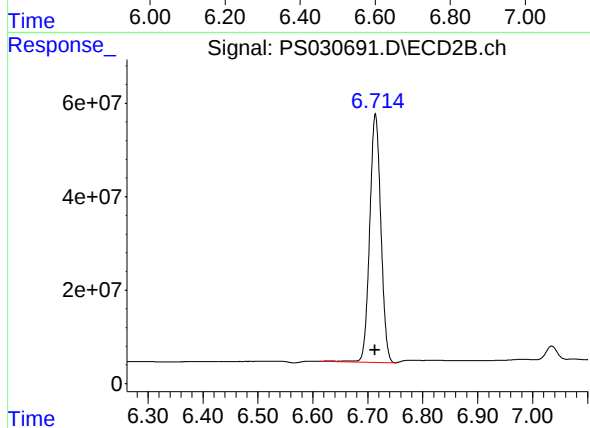
#1 Dalapon

R.T.: 2.711 min
Delta R.T.: 0.000 min
Response: 1256078843
Conc: 446.34 ng/ml



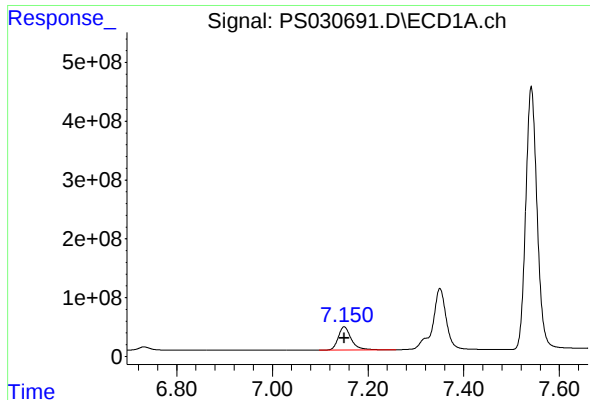
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.509 min
Delta R.T.: 0.000 min
Response: 2529641064
Conc: 465.26 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.714 min
Delta R.T.: 0.000 min
Response: 748660715
Conc: 462.80 ng/ml



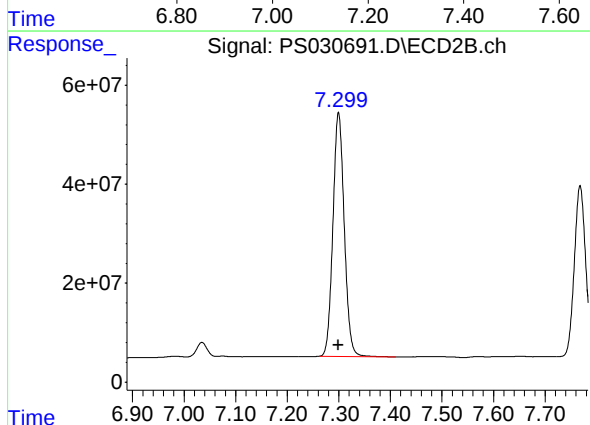
#3 4-Nitrophenol

R.T.: 7.150 min
Delta R.T.: 0.000 min
Response: 746897792
Conc: 458.15 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168465BS

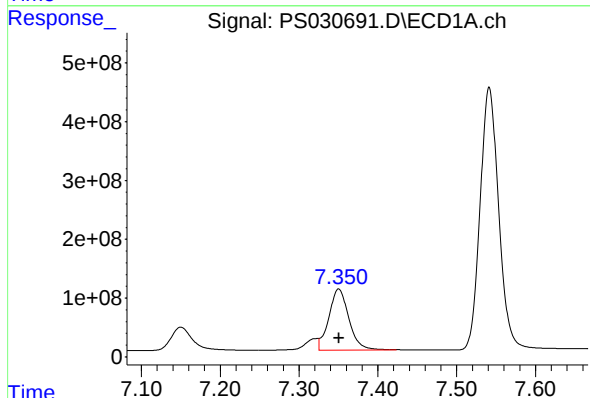
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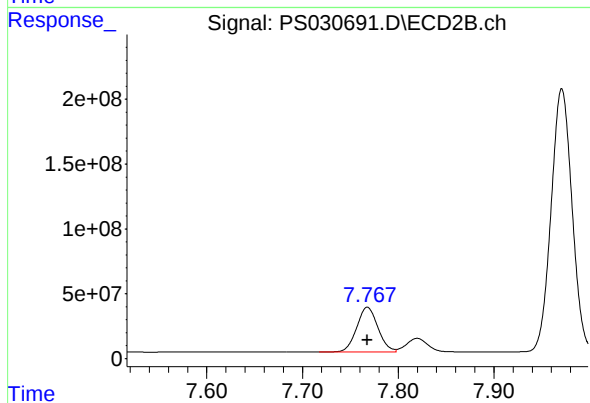
#3 4-Nitrophenol

R.T.: 7.300 min
Delta R.T.: 0.000 min
Response: 751579192
Conc: 440.85 ng/ml



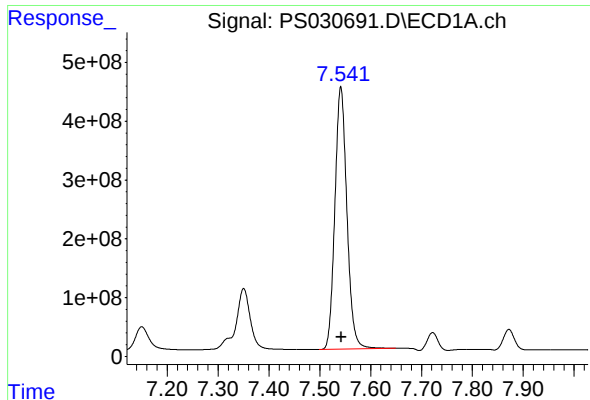
#4 2,4-DCAA

R.T.: 7.350 min
Delta R.T.: 0.000 min
Response: 1840459133
Conc: 489.38 ng/ml m



#4 2,4-DCAA

R.T.: 7.768 min
Delta R.T.: 0.000 min
Response: 534087518
Conc: 494.67 ng/ml



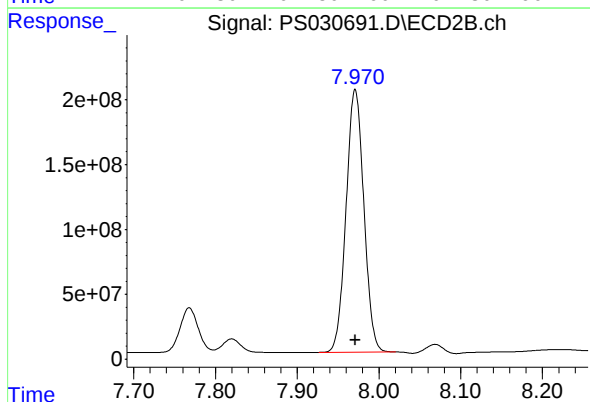
#5 DICAMBA

R.T.: 7.541 min
Delta R.T.: 0.000 min
Response: 7331077561
Conc: 468.57 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168465BS

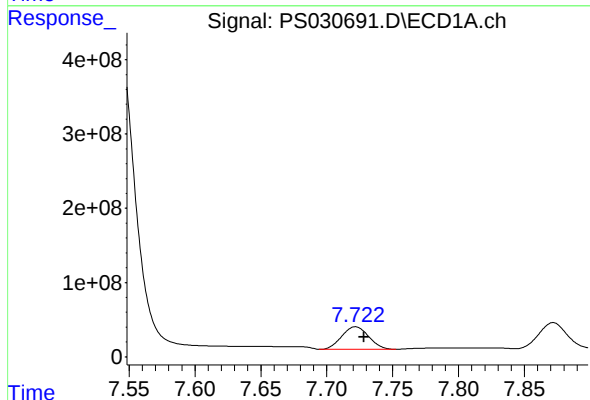
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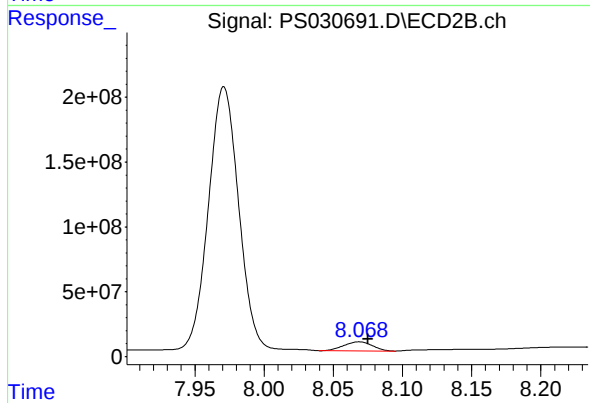
#5 DICAMBA

R.T.: 7.971 min
Delta R.T.: 0.000 min
Response: 3065185237
Conc: 462.28 ng/ml



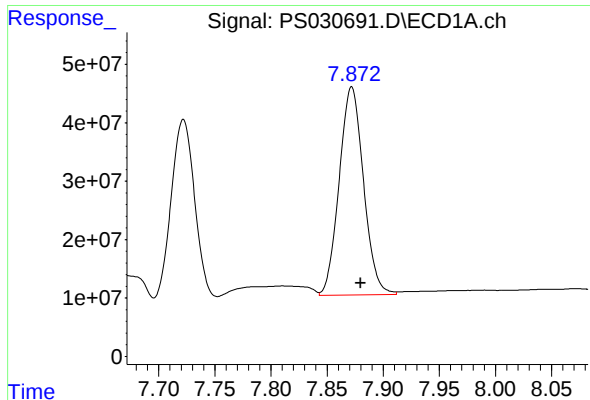
#6 MCPP

R.T.: 7.722 min
Delta R.T.: -0.006 min
Response: 431225923
Conc: 45.34 ug/ml



#6 MCPP

R.T.: 8.069 min
Delta R.T.: -0.006 min
Response: 101418787
Conc: 46.07 ug/ml



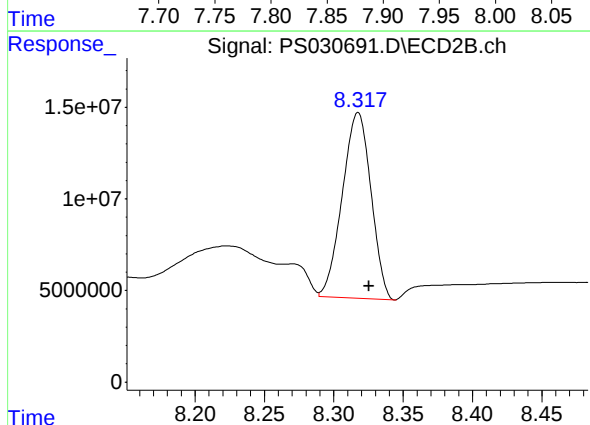
#7 MCPA

R.T.: 7.872 min
Delta R.T.: -0.008 min
Response: 536584776
Conc: 45.03 ug/ml

Instrument :
ECD_S
ClientSampleId :
PB168465BS

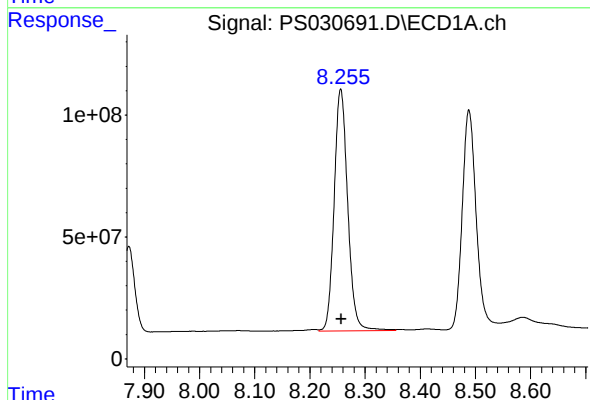
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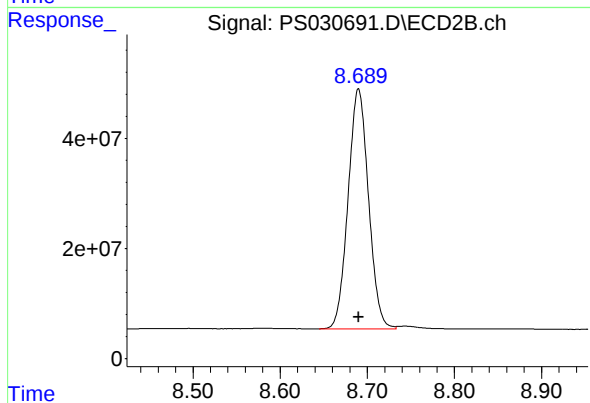
#7 MCPA

R.T.: 8.317 min
Delta R.T.: -0.008 min
Response: 145836403
Conc: 45.49 ug/ml



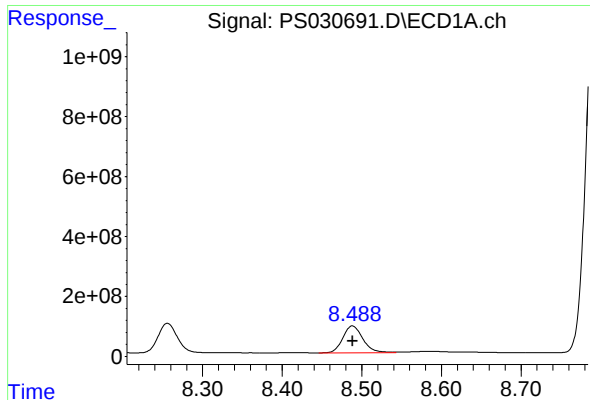
#8 DICHLORPROP

R.T.: 8.256 min
Delta R.T.: 0.000 min
Response: 1693834427
Conc: 460.87 ng/ml



#8 DICHLORPROP

R.T.: 8.690 min
Delta R.T.: 0.000 min
Response: 709957811
Conc: 463.31 ng/ml



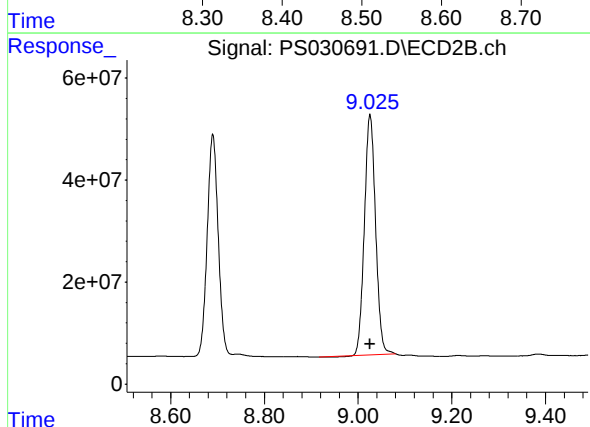
#9 2,4-D

R.T.: 8.488 min
Delta R.T.: 0.000 min
Response: 1587797378
Conc: 466.95 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168465BS

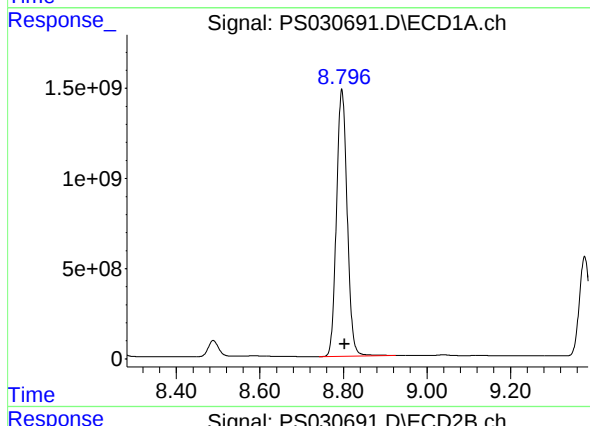
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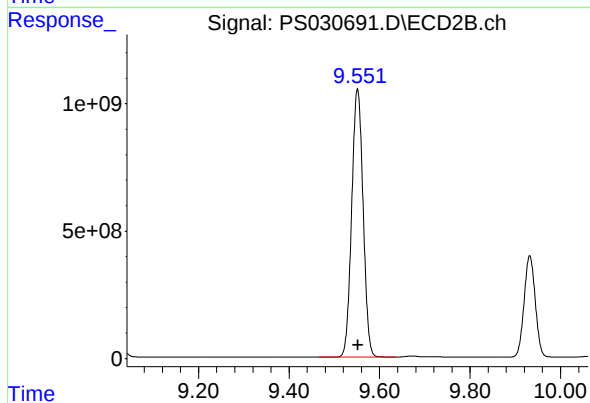
#9 2,4-D

R.T.: 9.026 min
Delta R.T.: 0.000 min
Response: 779926901
Conc: 465.23 ng/ml



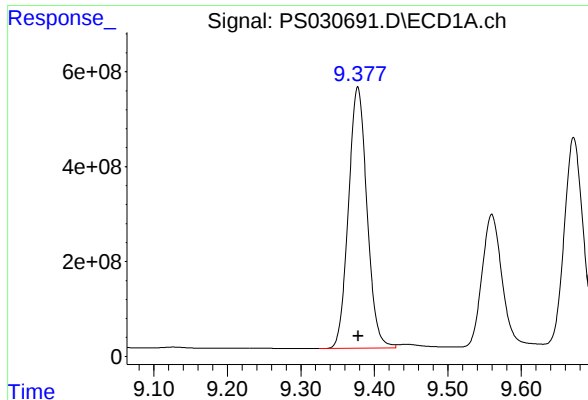
#10 Pentachlorophenol

R.T.: 8.796 min
Delta R.T.: -0.007 min
Response: 26245105765
Conc: 507.74 ng/ml



#10 Pentachlorophenol

R.T.: 9.551 min
Delta R.T.: -0.002 min
Response: 18399165773
Conc: 485.01 ng/ml



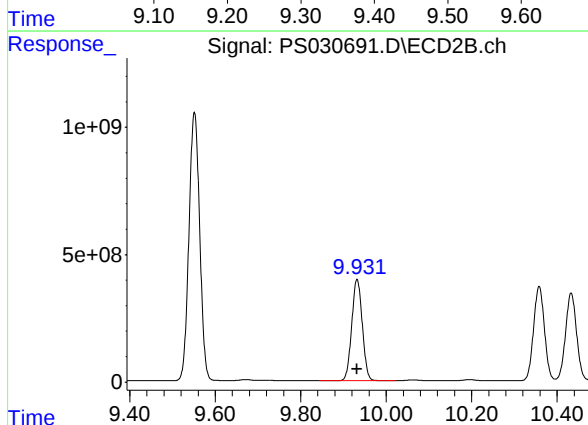
#11 2,4,5-TP (SILVEX)

R.T.: 9.378 min
Delta R.T.: 0.000 min
Response: 9630934144
Conc: 481.38 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168465BS

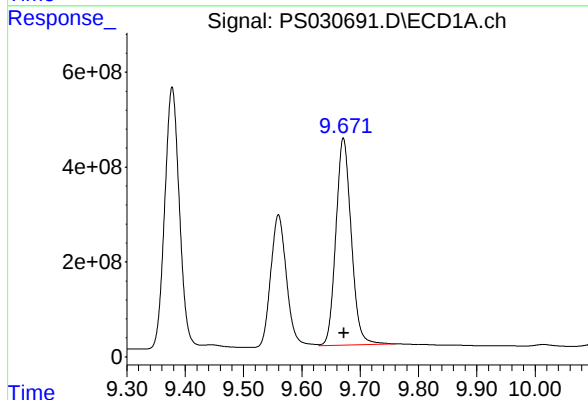
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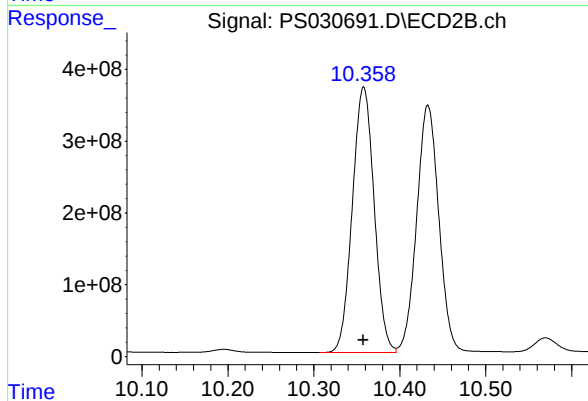
#11 2,4,5-TP (SILVEX)

R.T.: 9.932 min
Delta R.T.: 0.000 min
Response: 6799538500
Conc: 473.68 ng/ml



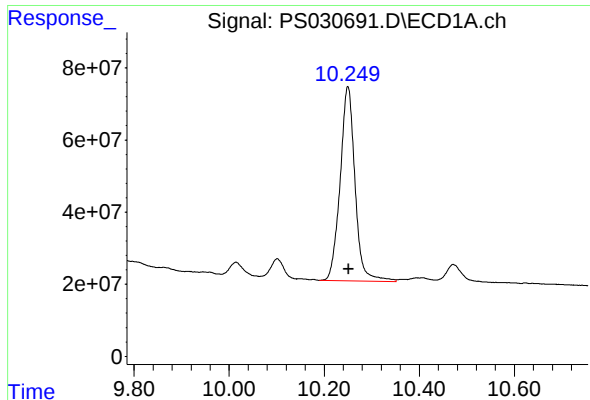
#12 2,4,5-T

R.T.: 9.671 min
Delta R.T.: 0.000 min
Response: 7980695542
Conc: 479.95 ng/ml



#12 2,4,5-T

R.T.: 10.358 min
Delta R.T.: 0.000 min
Response: 6518907507
Conc: 472.78 ng/ml



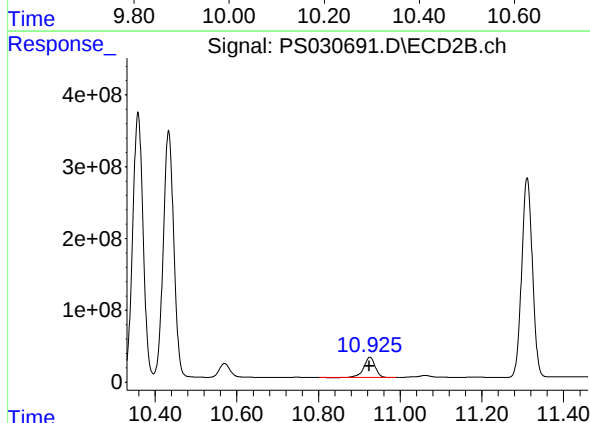
#13 2,4-DB

R.T.: 10.250 min
Delta R.T.: -0.001 min
Response: 1173195165
Conc: 474.76 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168465BS

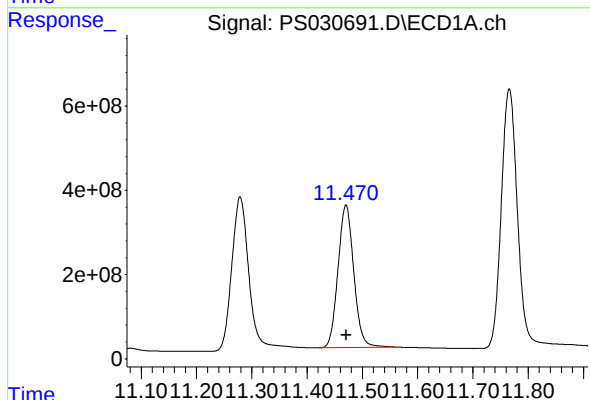
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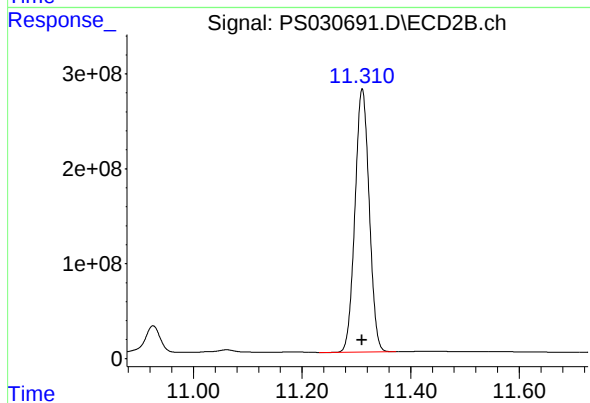
#13 2,4-DB

R.T.: 10.926 min
Delta R.T.: 0.000 min
Response: 545508564
Conc: 459.74 ng/ml



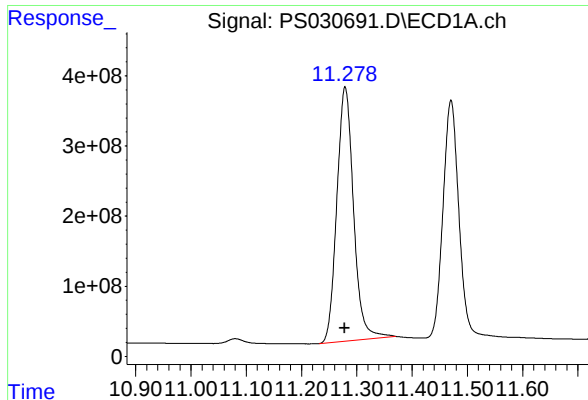
#14 DINOSEB

R.T.: 11.470 min
Delta R.T.: 0.000 min
Response: 6699217864
Conc: 473.06 ng/ml



#14 DINOSEB

R.T.: 11.311 min
Delta R.T.: 0.000 min
Response: 5042447008
Conc: 460.19 ng/ml



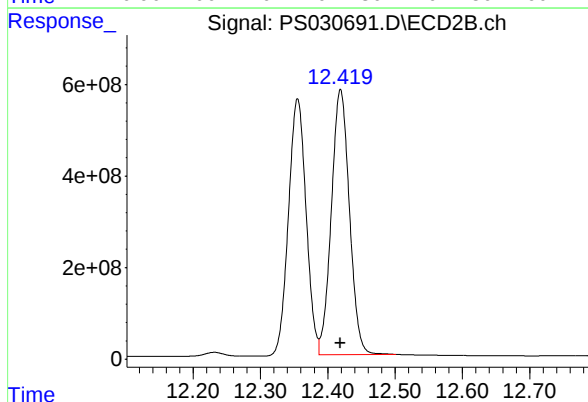
#15 Picloram

R.T.: 11.279 min
Delta R.T.: 0.000 min
Response: 7628993064
Conc: 456.93 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168465BS

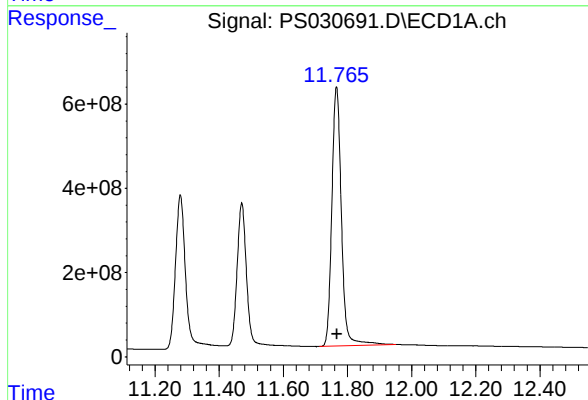
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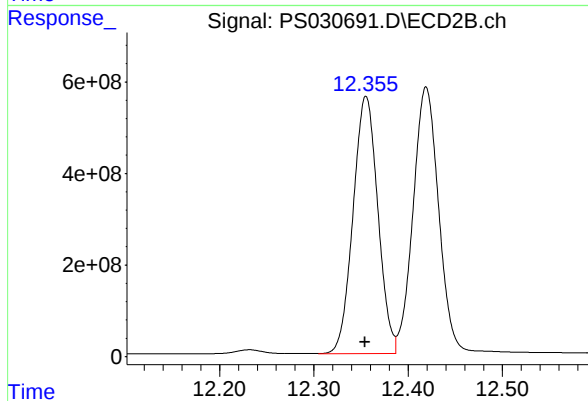
#15 Picloram

R.T.: 12.419 min
Delta R.T.: 0.000 min
Response: 10801613296
Conc: 450.52 ng/ml



#16 DCPA

R.T.: 11.766 min
Delta R.T.: -0.001 min
Response: 12749911015
Conc: 490.85 ng/ml



#16 DCPA

R.T.: 12.355 min
Delta R.T.: 0.000 min
Response: 10283681577
Conc: 478.85 ng/ml m