

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS062725\
 Data File : PS030840.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Jun 2025 17:52
 Operator : AR\AJ
 Sample : PB168634BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PB168634BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 06/30/2025
 Supervised By :mohammad ahmed 07/01/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 27 23:23:22 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	7.340	7.766	1893.2E6	543.2E6	515.228m	506.693
Target Compounds							
1) T	Dalapon	2.708	2.712	2877.2E6	1257.3E6	482.291m	458.577
2) T	3,5-DICHL...	6.500	6.713	2583.4E6	759.6E6	480.410	470.884
3) T	4-Nitroph...	7.140	7.299	755.5E6	787.3E6	479.154	454.182
5) T	DICAMBA	7.530	7.969	7426.0E6	3144.2E6	488.071	479.797
6) T	MCPD	7.710	8.066	457.3E6	105.4E6	48.713m	50.266
7) T	MCPA	7.861	8.315	555.4E6	150.5E6	47.350	47.846
8) T	DICHLORPROP	8.244	8.688	1755.8E6	732.7E6	468.753	465.937
9) T	2,4-D	8.476	9.024	1657.7E6	796.3E6	481.258	468.600
10) T	Pentachlo...	8.783	9.548	27123.1E6	19139.8E6	512.478	502.066
11) T	2,4,5-TP ...	9.363	9.929	10092.4E6	7061.2E6	503.855	489.386
12) T	2,4,5-T	9.657	10.355	8584.4E6	6759.0E6	521.746	494.635
13) T	2,4-DB	10.235	10.922	1256.7E6	570.2E6	547.925	482.032
14) T	DINOSEB	11.452	11.307	6938.0E6	5098.2E6	500.100m	472.880
15) T	Picloram	11.263	12.417	8483.7E6	11193.4E6	527.719m	481.613
16) T	DCPA	11.749	12.352	13359.3E6	11105.8E6	521.516	503.827m

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

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Operator : AR\AJ
Sample : PB168634BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

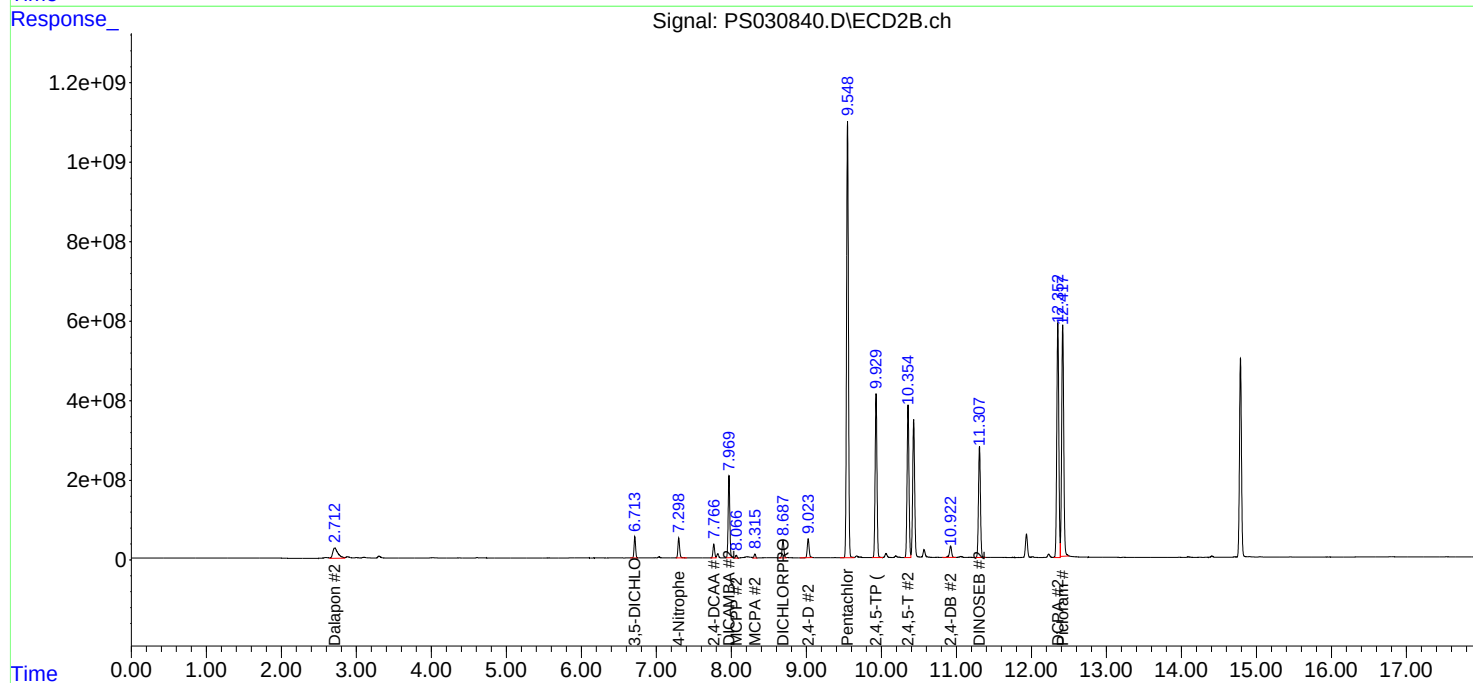
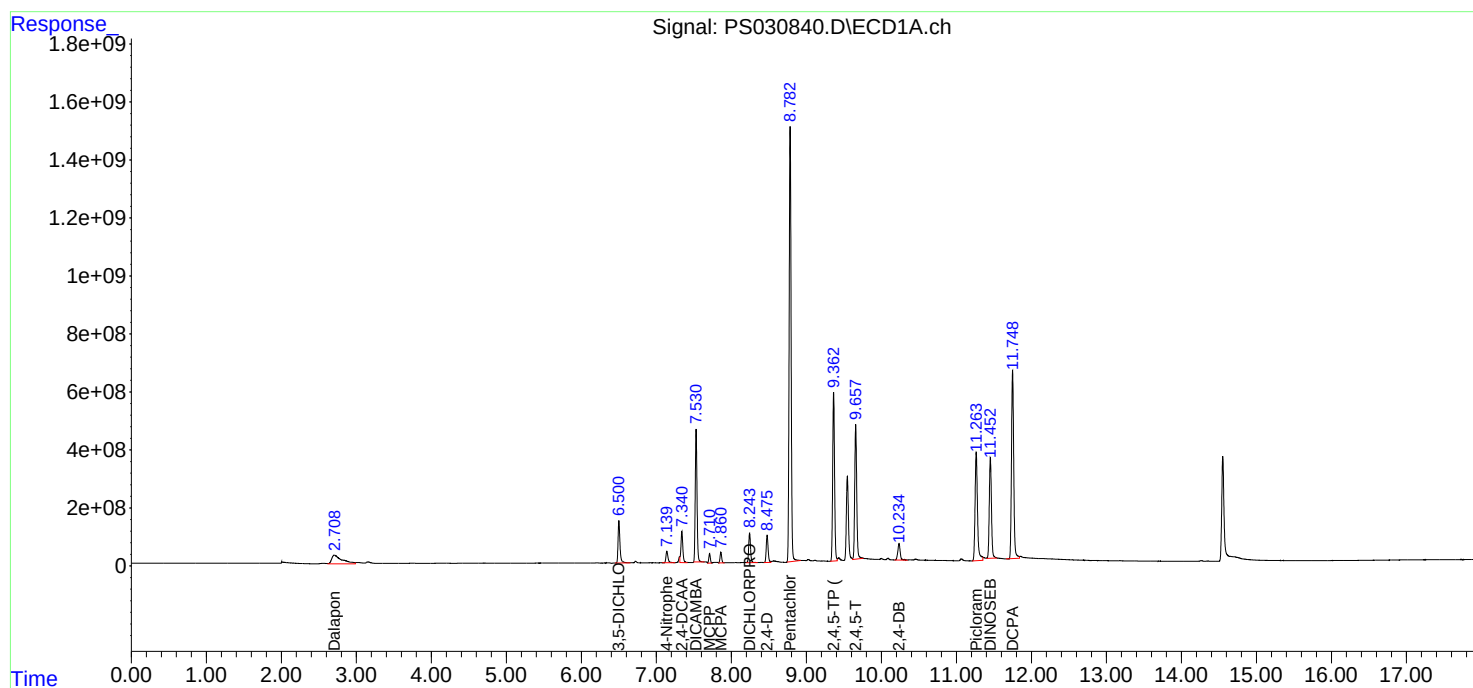
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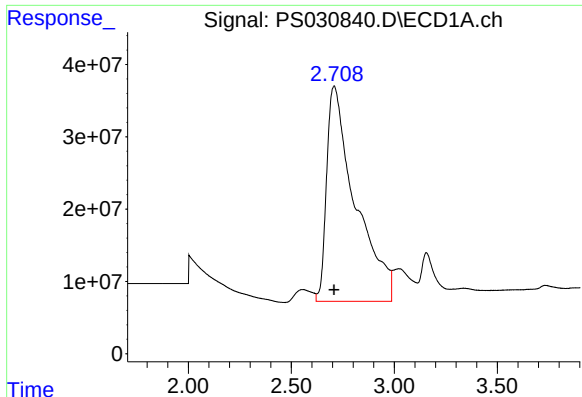
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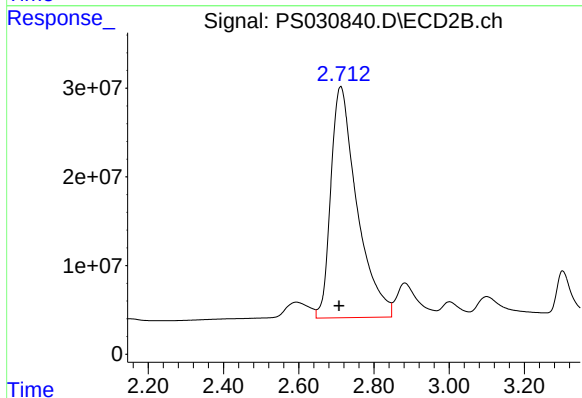
#1 Dalapon

R.T.: 2.708 min
Delta R.T.: 0.000 min
Response: 2877170110
Conc: 482.29 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168634BS

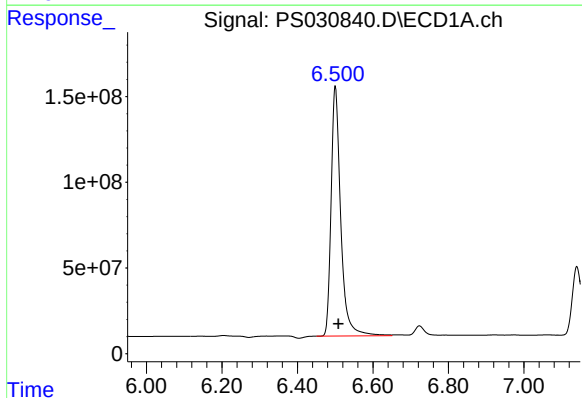
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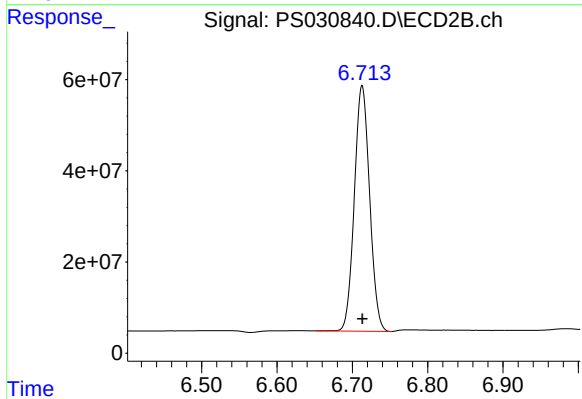
#1 Dalapon

R.T.: 2.712 min
Delta R.T.: 0.004 min
Response: 1257300976
Conc: 458.58 ng/ml



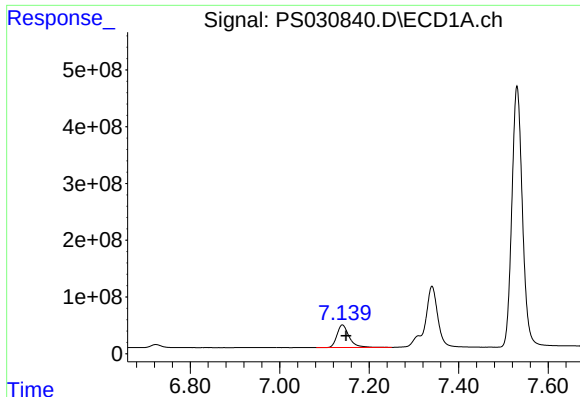
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.500 min
Delta R.T.: -0.009 min
Response: 2583430984
Conc: 480.41 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.713 min
Delta R.T.: 0.000 min
Response: 759606684
Conc: 470.88 ng/ml



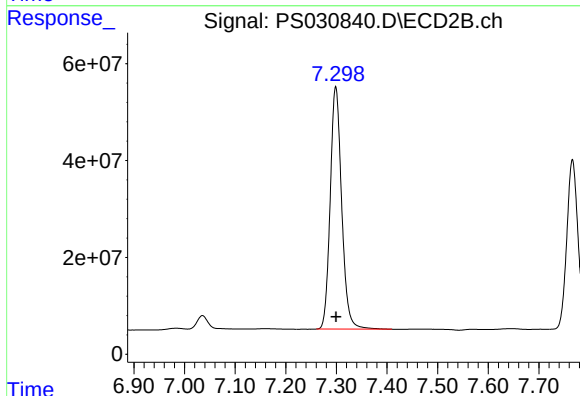
#3 4-Nitrophenol

R.T.: 7.140 min
Delta R.T.: -0.009 min
Response: 755514172
Conc: 479.15 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168634BS

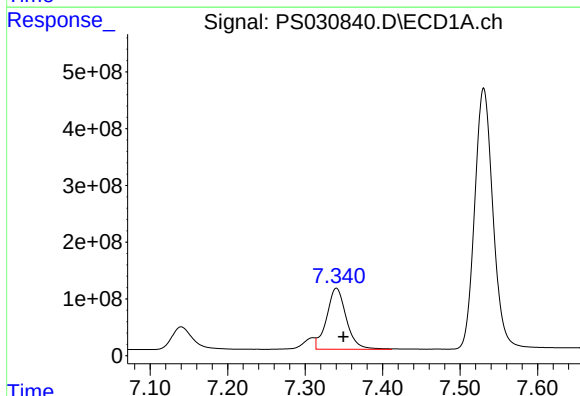
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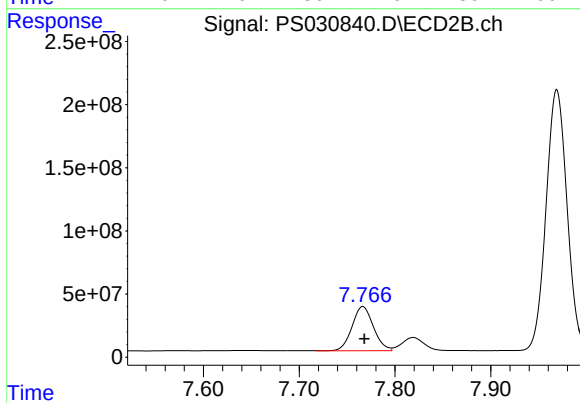
#3 4-Nitrophenol

R.T.: 7.299 min
Delta R.T.: 0.000 min
Response: 787341286
Conc: 454.18 ng/ml



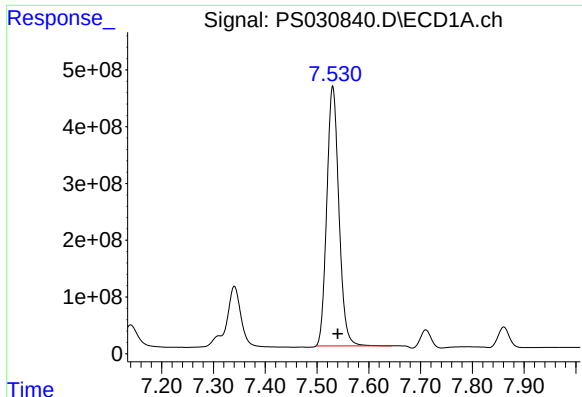
#4 2,4-DCAA

R.T.: 7.340 min
Delta R.T.: -0.010 min
Response: 1893152209
Conc: 515.23 ng/ml m



#4 2,4-DCAA

R.T.: 7.766 min
Delta R.T.: -0.002 min
Response: 543156740
Conc: 506.69 ng/ml



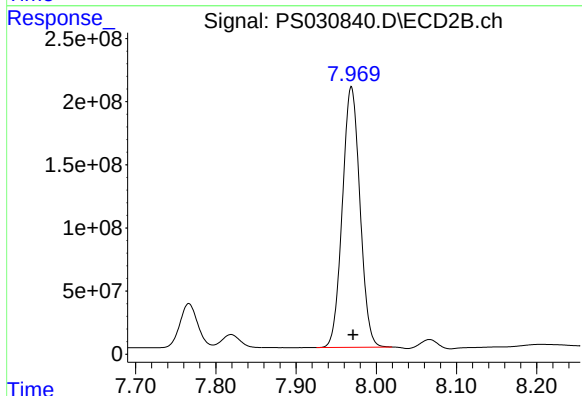
#5 DICAMBA

R.T.: 7.530 min
Delta R.T.: -0.010 min
Response: 7426049396
Conc: 488.07 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168634BS

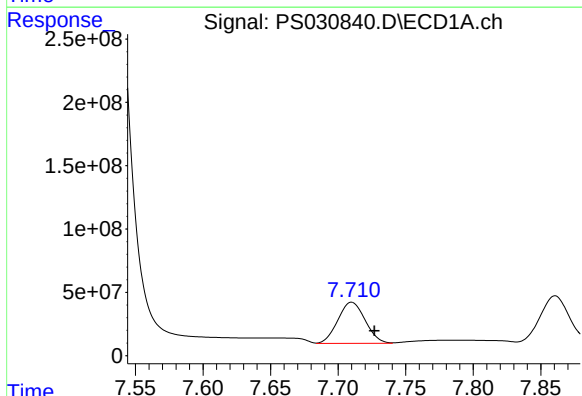
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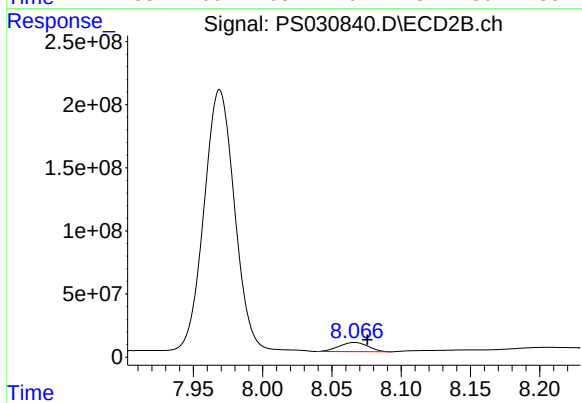
#5 DICAMBA

R.T.: 7.969 min
Delta R.T.: -0.002 min
Response: 3144212187
Conc: 479.80 ng/ml



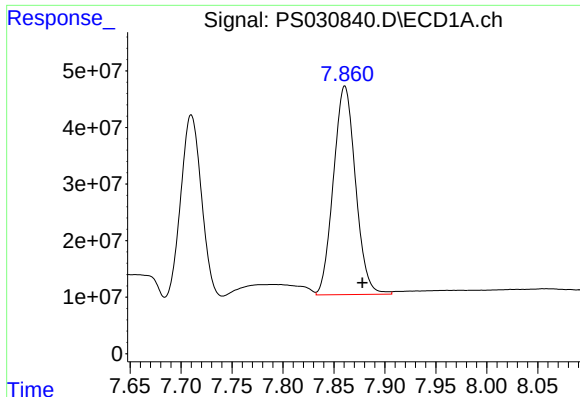
#6 MCP

R.T.: 7.710 min
Delta R.T.: -0.017 min
Response: 457338793
Conc: 48.71 ug/ml m



#6 MCP

R.T.: 8.066 min
Delta R.T.: -0.009 min
Response: 105424136
Conc: 50.27 ug/ml



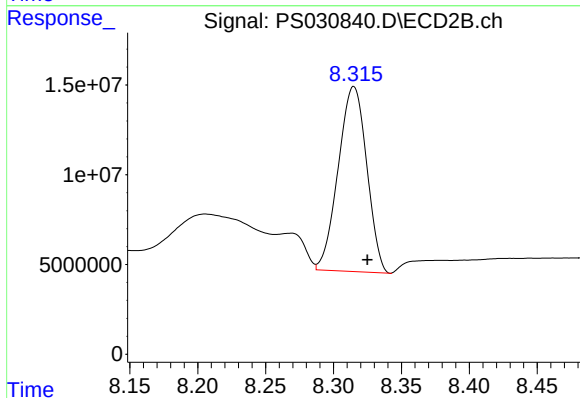
#7 MCPA

R.T.: 7.861 min
Delta R.T.: -0.017 min
Response: 555441049
Conc: 47.35 ug/ml

Instrument :
ECD_S
ClientSampleId :
PB168634BS

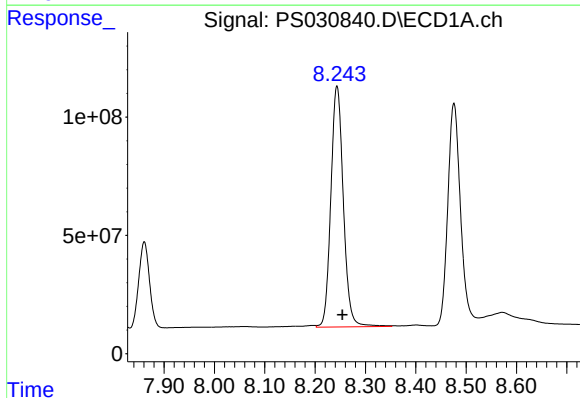
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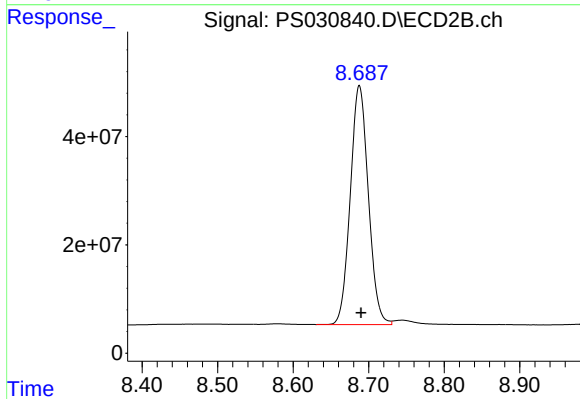
#7 MCPA

R.T.: 8.315 min
Delta R.T.: -0.010 min
Response: 150511848
Conc: 47.85 ug/ml



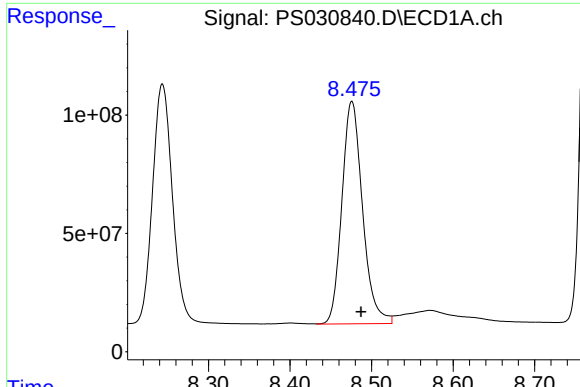
#8 DICHLORPROP

R.T.: 8.244 min
Delta R.T.: -0.011 min
Response: 1755838070
Conc: 468.75 ng/ml



#8 DICHLORPROP

R.T.: 8.688 min
Delta R.T.: -0.002 min
Response: 732683298
Conc: 465.94 ng/ml



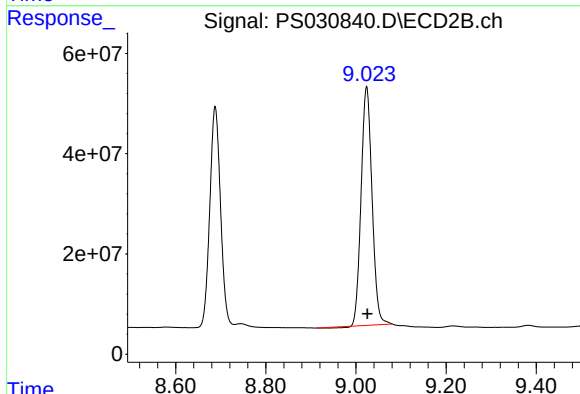
#9 2,4-D

R.T.: 8.476 min
Delta R.T.: -0.011 min
Response: 1657651236
Conc: 481.26 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168634BS

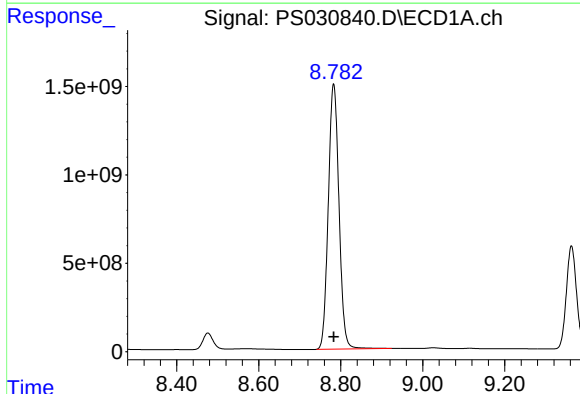
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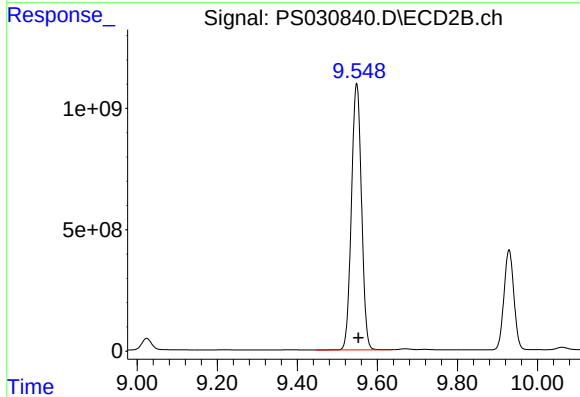
#9 2,4-D

R.T.: 9.024 min
Delta R.T.: -0.002 min
Response: 796341586
Conc: 468.60 ng/ml



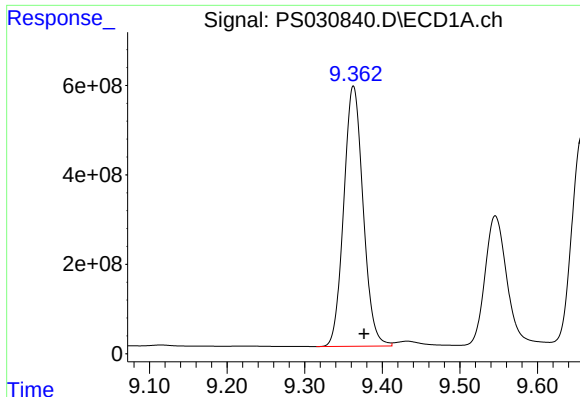
#10 Pentachlorophenol

R.T.: 8.783 min
Delta R.T.: 0.000 min
Response: 27123106027
Conc: 512.48 ng/ml



#10 Pentachlorophenol

R.T.: 9.548 min
Delta R.T.: -0.005 min
Response: 19139817162
Conc: 502.07 ng/ml



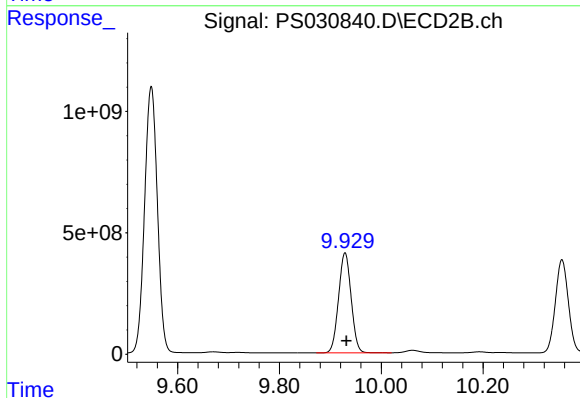
#11 2,4,5-TP (SILVEX)

R.T.: 9.363 min
Delta R.T.: -0.014 min
Response: 10092417778
Conc: 503.85 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168634BS

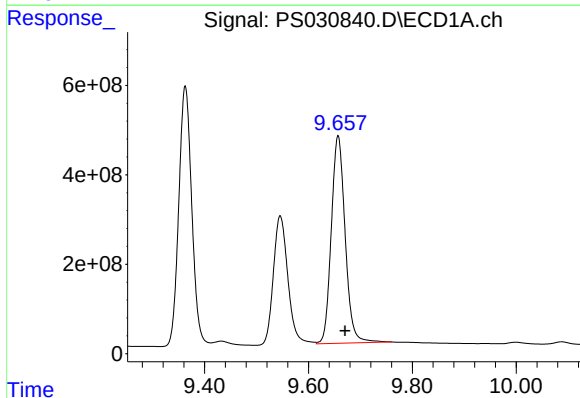
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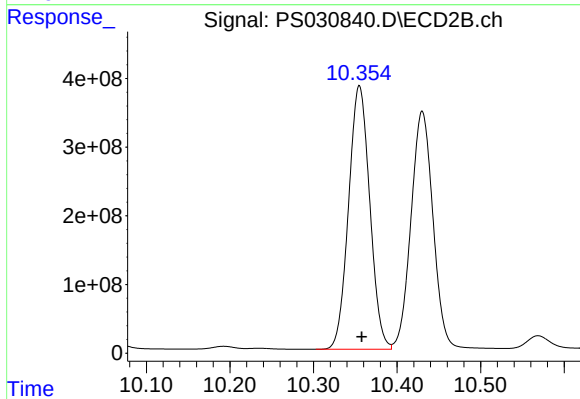
#11 2,4,5-TP (SILVEX)

R.T.: 9.929 min
Delta R.T.: -0.003 min
Response: 7061208591
Conc: 489.39 ng/ml



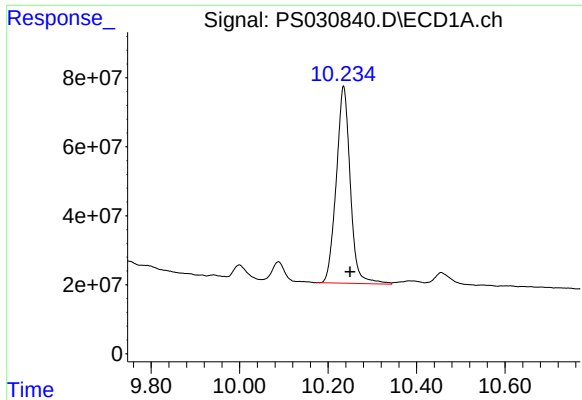
#12 2,4,5-T

R.T.: 9.657 min
Delta R.T.: -0.013 min
Response: 8584365834
Conc: 521.75 ng/ml



#12 2,4,5-T

R.T.: 10.355 min
Delta R.T.: -0.003 min
Response: 6759008067
Conc: 494.64 ng/ml



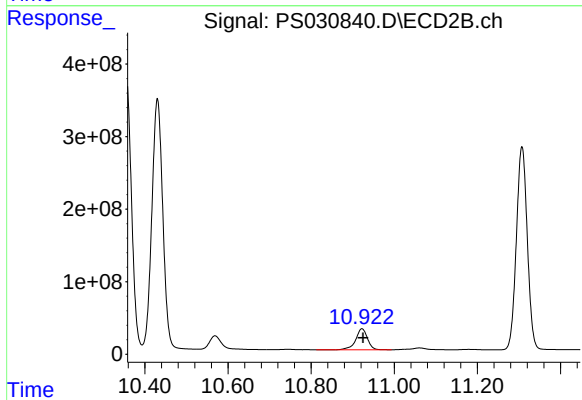
#13 2,4-DB

R.T.: 10.235 min
Delta R.T.: -0.015 min
Response: 1256668314
Conc: 547.93 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168634BS

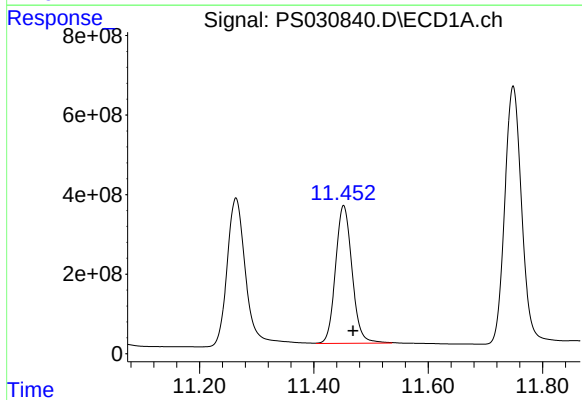
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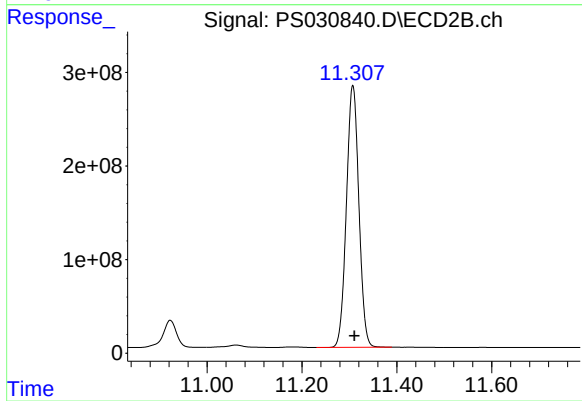
#13 2,4-DB

R.T.: 10.922 min
Delta R.T.: -0.003 min
Response: 570197124
Conc: 482.03 ng/ml



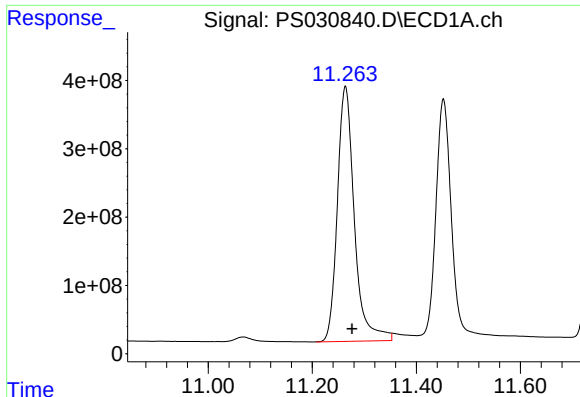
#14 DINOSEB

R.T.: 11.452 min
Delta R.T.: -0.017 min
Response: 6937976742
Conc: 500.10 ng/ml m



#14 DINOSEB

R.T.: 11.307 min
Delta R.T.: -0.004 min
Response: 5098234327
Conc: 472.88 ng/ml



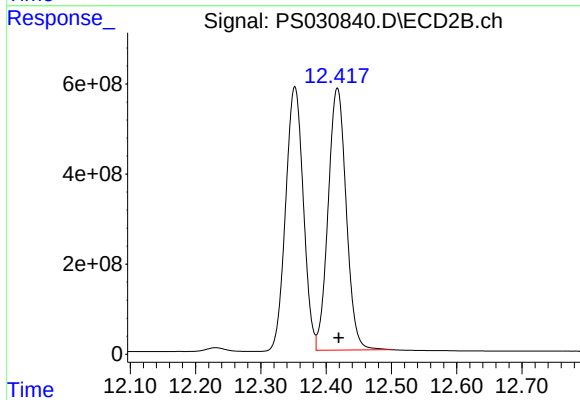
#15 Picloram

R.T.: 11.263 min
Delta R.T.: -0.013 min
Response: 8483672699
Conc: 527.72 ng/ml

Instrument :
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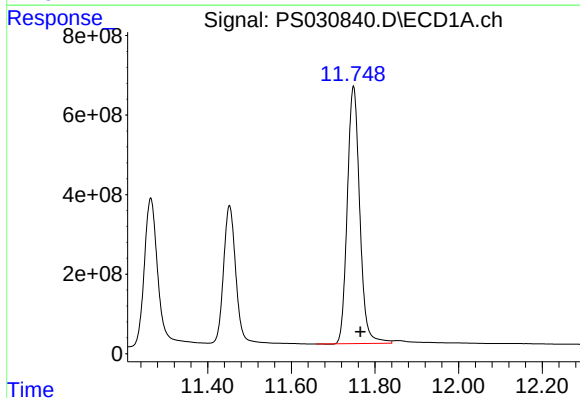
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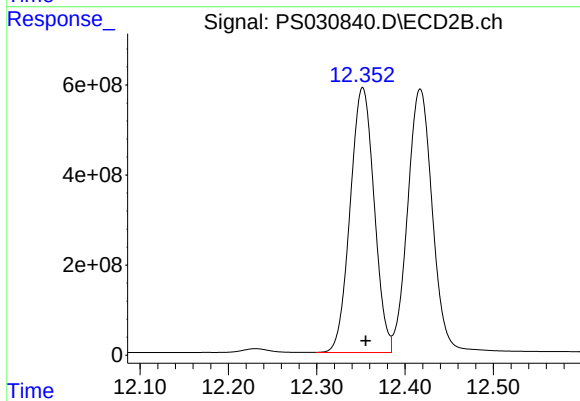
#15 Picloram

R.T.: 12.417 min
Delta R.T.: -0.002 min
Response: 11193367184
Conc: 481.61 ng/ml



#16 DCPA

R.T.: 11.749 min
Delta R.T.: -0.016 min
Response: 13359291050
Conc: 521.52 ng/ml



#16 DCPA

R.T.: 12.352 min
Delta R.T.: -0.004 min
Response: 11105753552
Conc: 503.83 ng/ml m