

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS061225\
 Data File : PS030658.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Jun 2025 23:14
 Operator : AR\AJ
 Sample : PB168439BS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PB168439BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/13/2025
 Supervised By : mohammad ahmed 06/16/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 13 06:14:10 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060425.M
 Quant Title : 8080.M
 QLast Update : Wed Jun 04 13:21:22 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	7.354	7.768	1864.8E6	579.3E6	493.962m	538.566
Target Compounds							
1) T	Dalapon	2.716	2.710	2731.4E6	1238.6E6	483.688	452.056
2) T	3,5-DICHL...	6.513	6.713	2143.1E6	662.9E6	394.952m	423.812m
3) T	4-Nitroph...	7.154	7.299	801.7E6	754.7E6	437.199	481.536
5) T	DICAMBA	7.546	7.971	7460.3E6	3218.9E6	483.728	499.708
6) T	MCPD	7.726	8.069	467.5E6	102.3E6	47.196m	44.262
7) T	MCPA	7.877	8.317	662.4E6	144.0E6	52.197	46.663m
8) T	DICHLORPROP	8.261	8.690	1797.6E6	714.8E6	494.105	481.606
9) T	2,4-D	8.493	9.026	1686.1E6	784.8E6	462.742	499.144
10) T	Pentachlo...	8.801	9.552	26967.6E6	18682.4E6	531.003m	516.974
11) T	2,4,5-TP ...	9.383	9.932	10280.5E6	6791.3E6	497.481	495.107
12) T	2,4,5-T	9.677	10.358	8933.7E6	6430.1E6	484.710	492.460
13) T	2,4-DB	10.257	10.926	1442.6E6	542.6E6	475.113	472.044
14) T	DINOSEB	11.476	11.312	7120.7E6	4773.6E6	495.354m	474.979
15) T	Picloram	11.282	12.419	9270.3E6	10716.3E6	463.402m	485.252
16) T	DCPA	11.772	12.355	13507.7E6	10675.3E6	510.880	521.691m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS061225\
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Acq On : 12 Jun 2025 23:14
Operator : AR\AJ
Sample : PB168439BS
Misc :
ALS Vial : 21 Sample Multiplier: 1

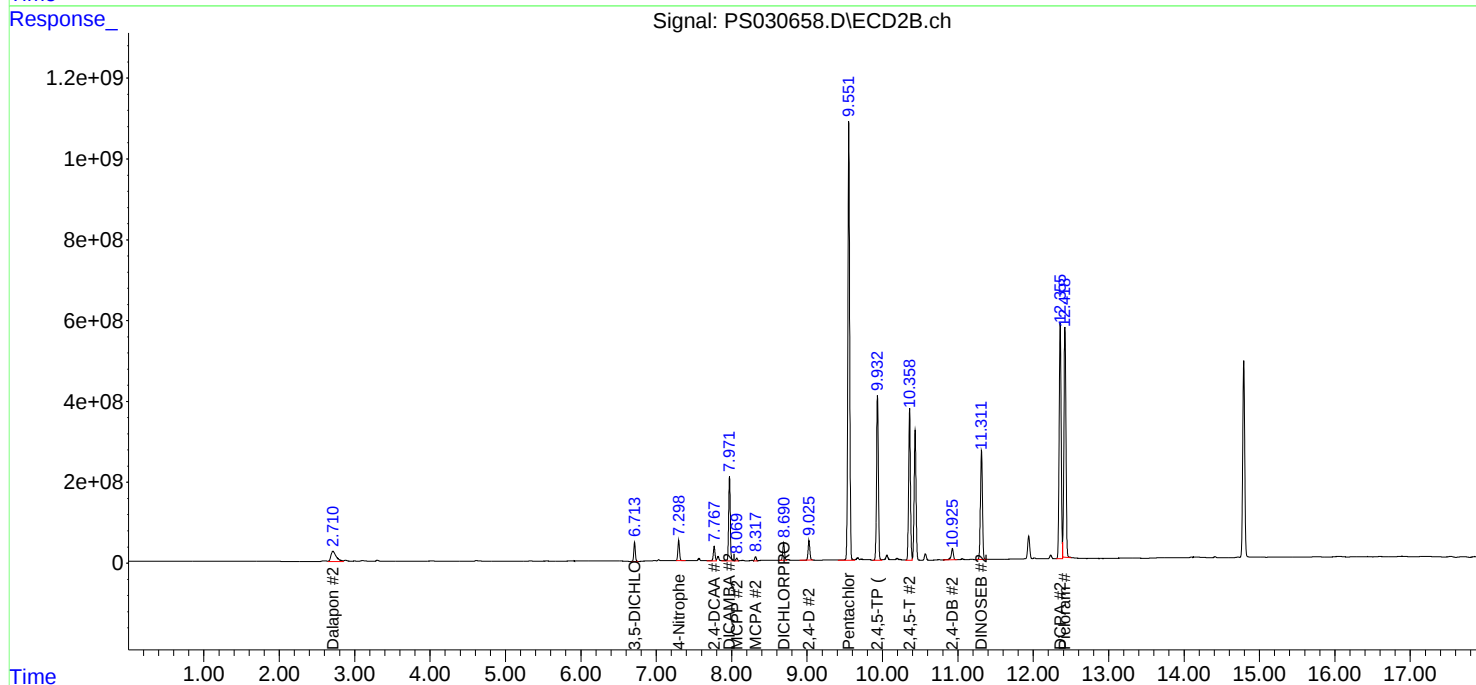
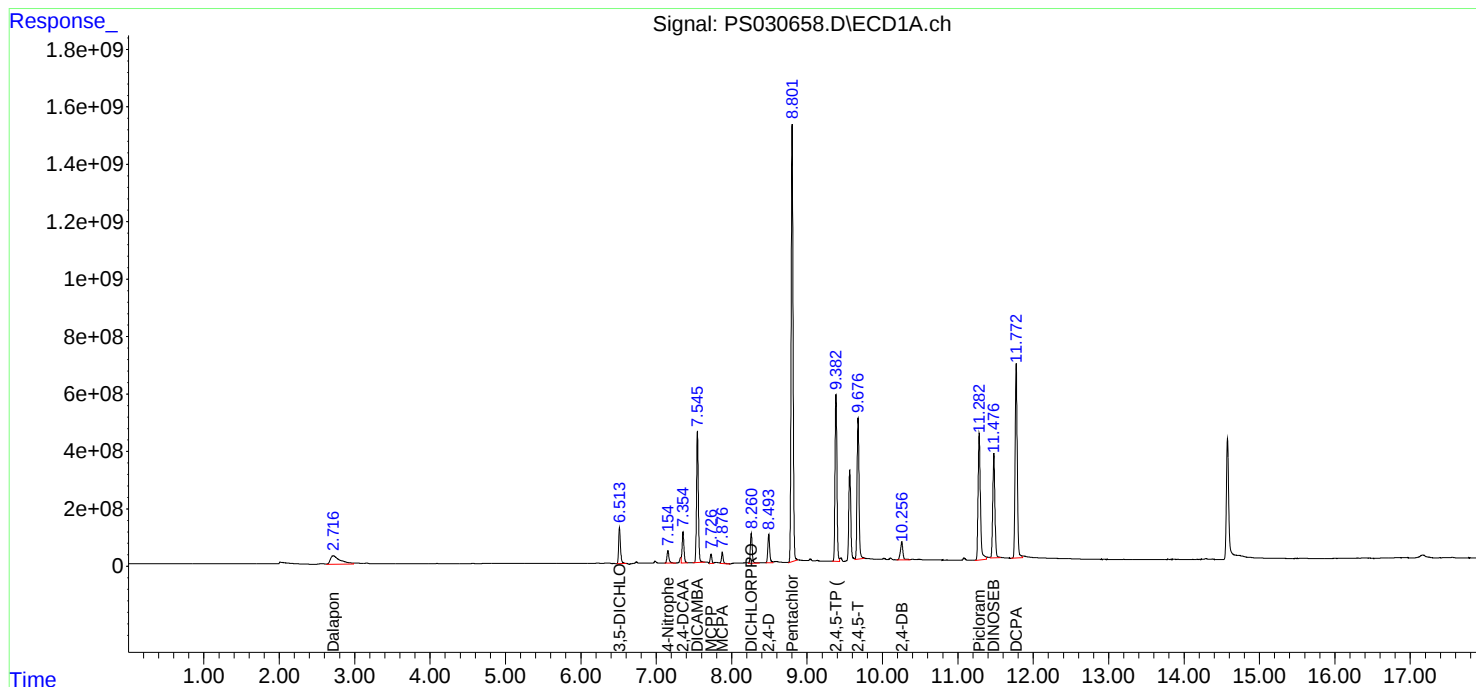
Instrument :
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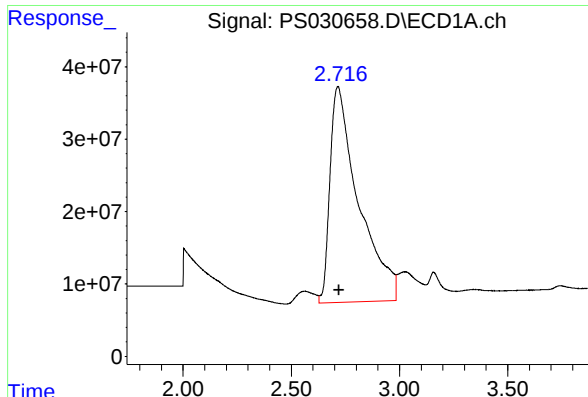
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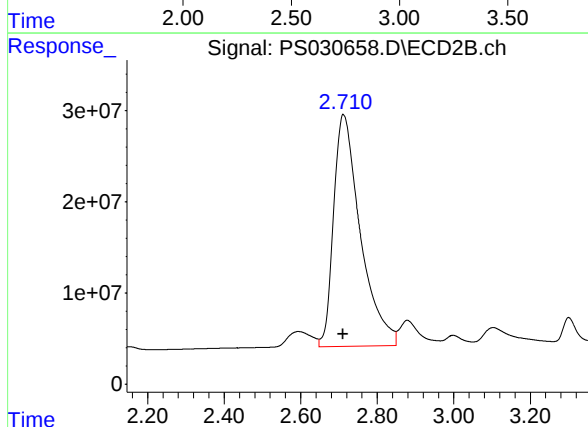
#1 Dalapon

R.T.: 2.716 min
Delta R.T.: -0.004 min
Response: 2731371134
Conc: 483.69 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168439BS

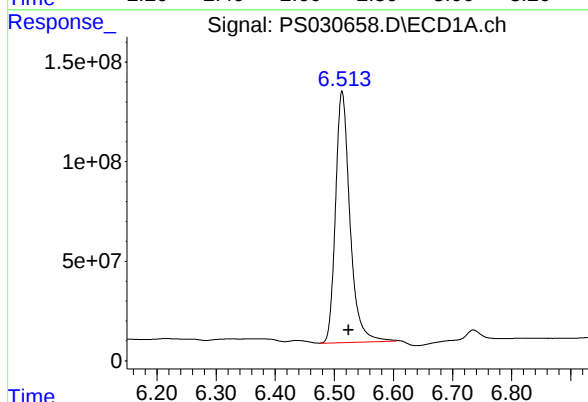
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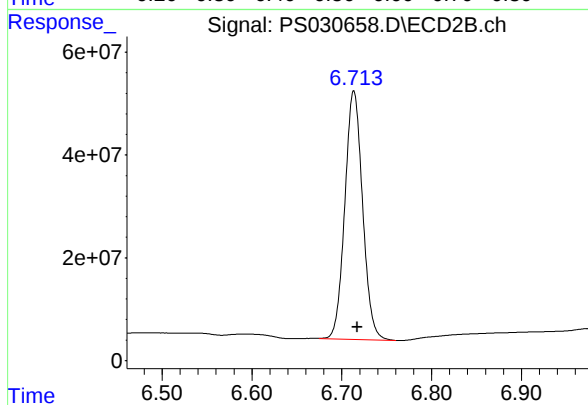
#1 Dalapon

R.T.: 2.710 min
Delta R.T.: 0.000 min
Response: 1238639562
Conc: 452.06 ng/ml



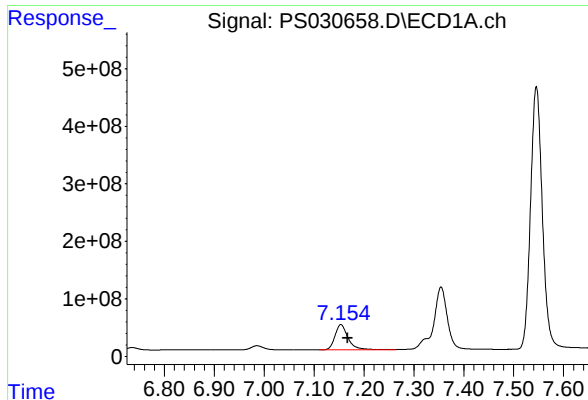
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.513 min
Delta R.T.: -0.011 min
Response: 2143148632
Conc: 394.95 ng/ml m



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.713 min
Delta R.T.: -0.004 min
Response: 662947247
Conc: 423.81 ng/ml m



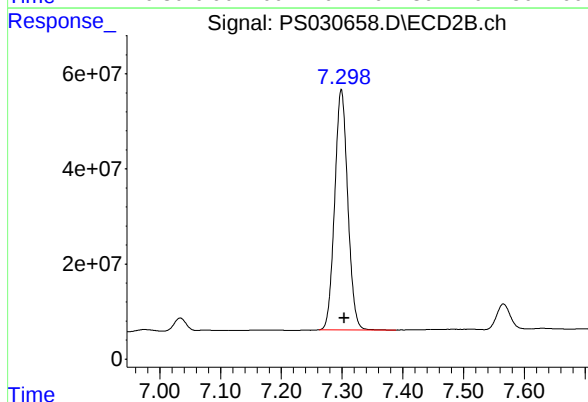
#3 4-Nitrophenol

R.T.: 7.154 min
Delta R.T.: -0.013 min
Response: 801716455
Conc: 437.20 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168439BS

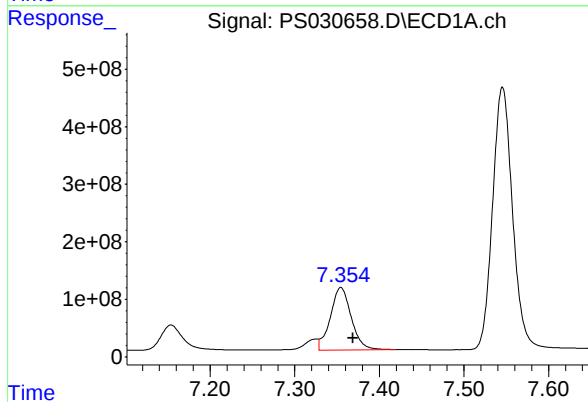
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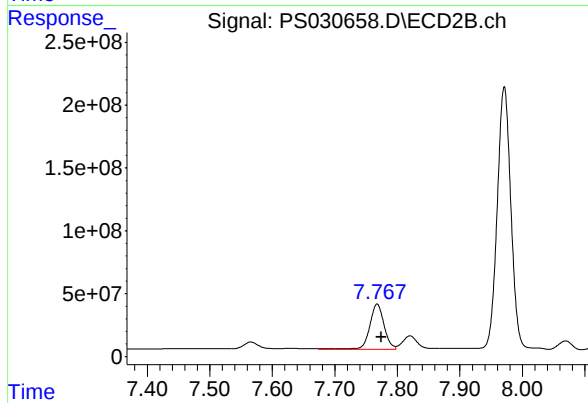
#3 4-Nitrophenol

R.T.: 7.299 min
Delta R.T.: -0.005 min
Response: 754683908
Conc: 481.54 ng/ml



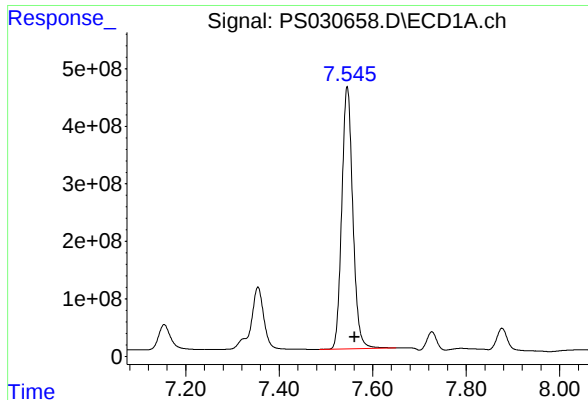
#4 2,4-DCAA

R.T.: 7.354 min
Delta R.T.: -0.015 min
Response: 1864779784
Conc: 493.96 ng/ml m



#4 2,4-DCAA

R.T.: 7.768 min
Delta R.T.: -0.007 min
Response: 579287476
Conc: 538.57 ng/ml



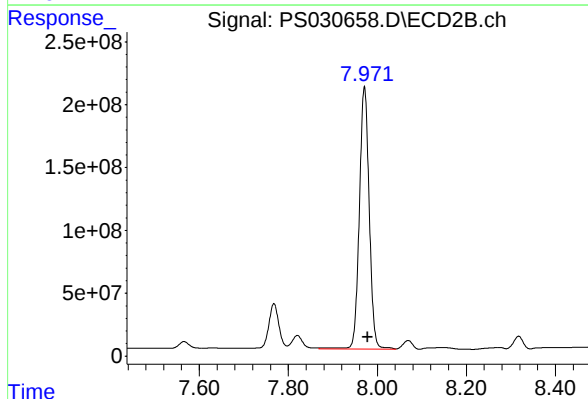
#5 DICAMBA

R.T.: 7.546 min
Delta R.T.: -0.016 min
Response: 7460315590
Conc: 483.73 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168439BS

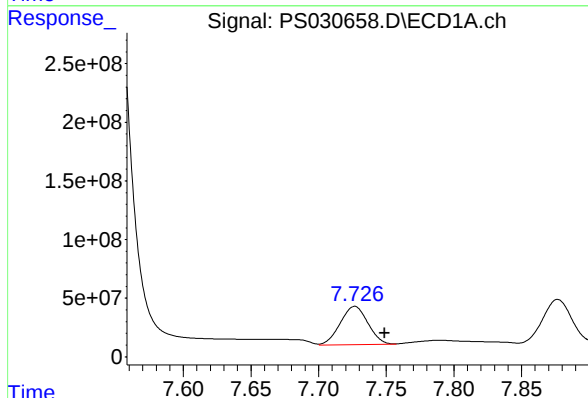
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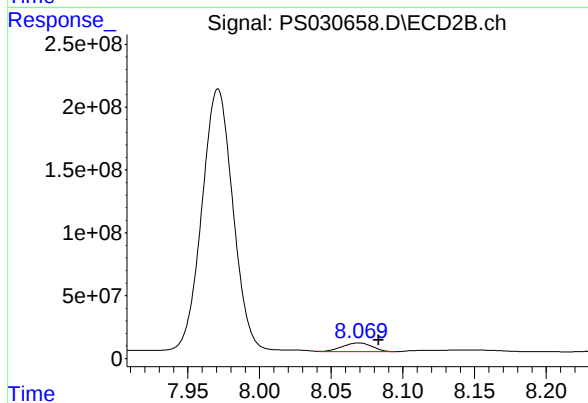
#5 DICAMBA

R.T.: 7.971 min
Delta R.T.: -0.007 min
Response: 3218940072
Conc: 499.71 ng/ml



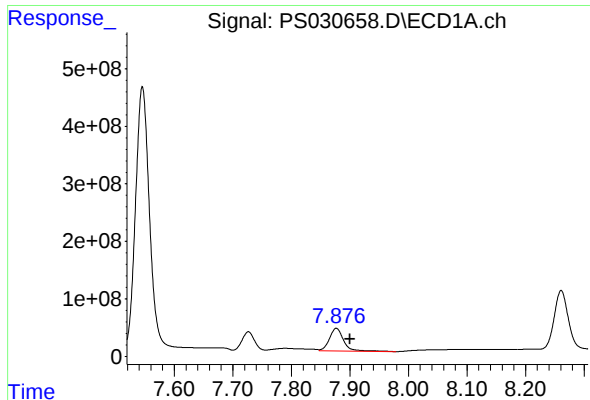
#6 MCPP

R.T.: 7.726 min
Delta R.T.: -0.022 min
Response: 467473336
Conc: 47.20 ug/ml m



#6 MCPP

R.T.: 8.069 min
Delta R.T.: -0.014 min
Response: 102316336
Conc: 44.26 ug/ml



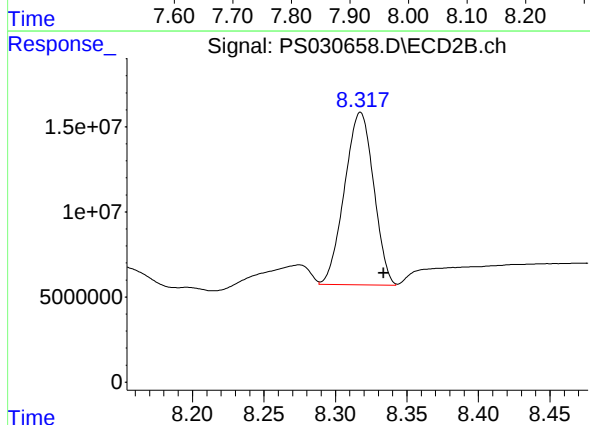
#7 MCPA

R.T.: 7.877 min
Delta R.T.: -0.024 min
Response: 662353015
Conc: 52.20 ug/ml

Instrument :
ECD_S
ClientSampleId :
PB168439BS

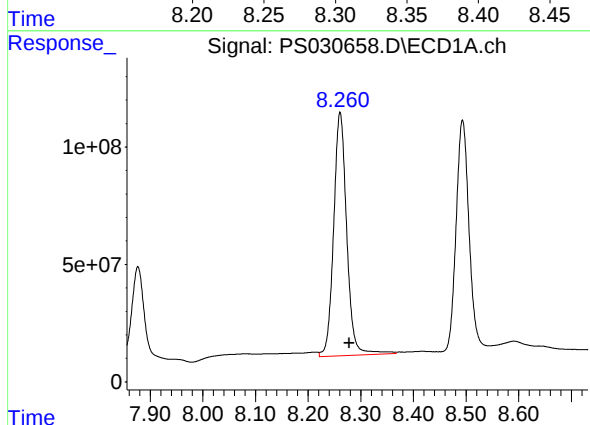
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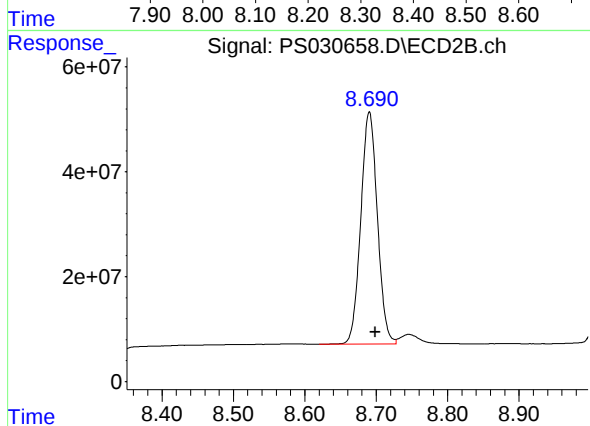
#7 MCPA

R.T.: 8.317 min
Delta R.T.: -0.017 min
Response: 143998338
Conc: 46.66 ug/ml



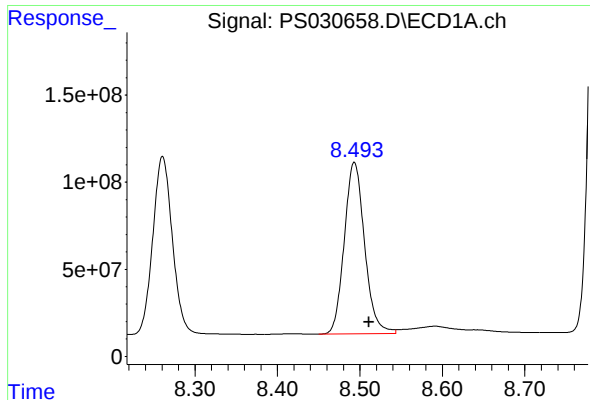
#8 DICHLORPROP

R.T.: 8.261 min
Delta R.T.: -0.018 min
Response: 1797625554
Conc: 494.10 ng/ml



#8 DICHLORPROP

R.T.: 8.690 min
Delta R.T.: -0.009 min
Response: 714800823
Conc: 481.61 ng/ml



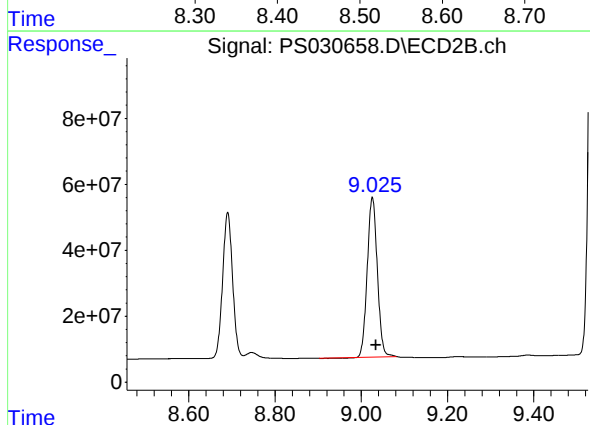
#9 2,4-D

R.T.: 8.493 min
Delta R.T.: -0.018 min
Response: 1686050680
Conc: 462.74 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168439BS

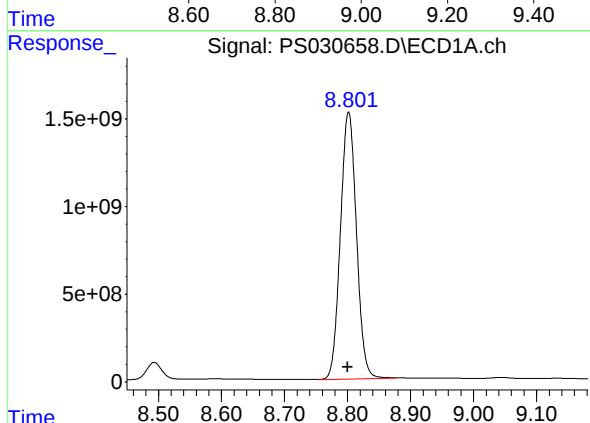
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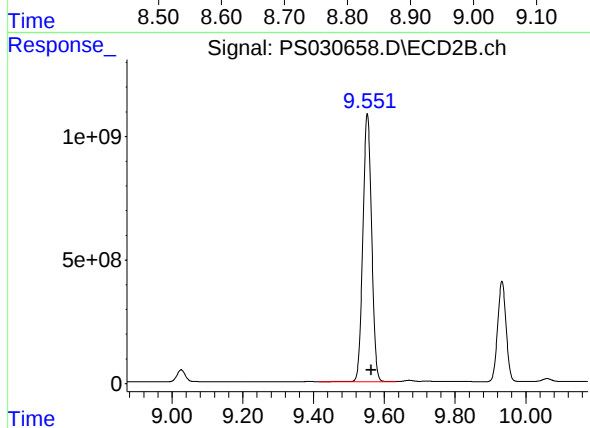
#9 2,4-D

R.T.: 9.026 min
Delta R.T.: -0.009 min
Response: 784814248
Conc: 499.14 ng/ml



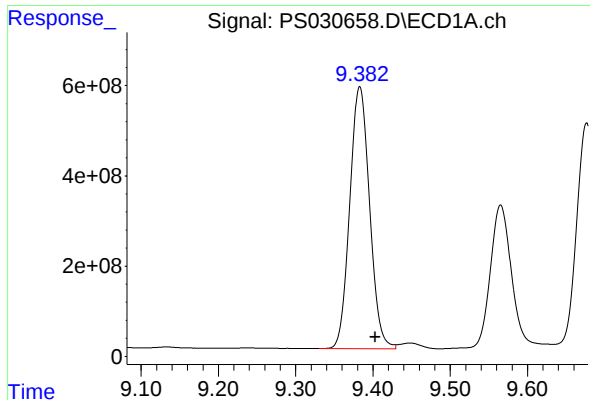
#10 Pentachlorophenol

R.T.: 8.801 min
Delta R.T.: 0.001 min
Response: 26967626801
Conc: 531.00 ng/ml m



#10 Pentachlorophenol

R.T.: 9.552 min
Delta R.T.: -0.011 min
Response: 18682414579
Conc: 516.97 ng/ml



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

R.T.: 9.383 min
Delta R.T.: -0.020 min
Response: 10280477000
Conc: 497.48 ng/ml

Instrument :

ECD_S

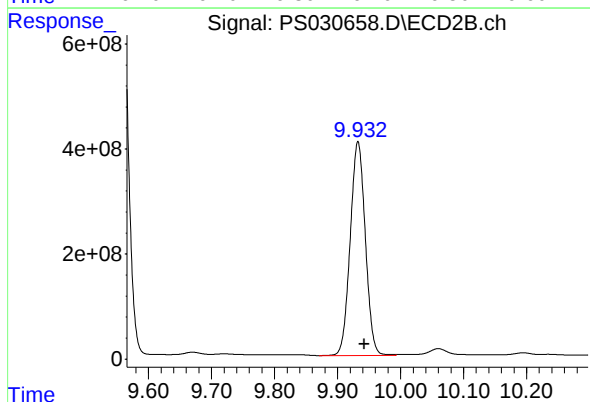
ClientSampleId :

PB168439BS

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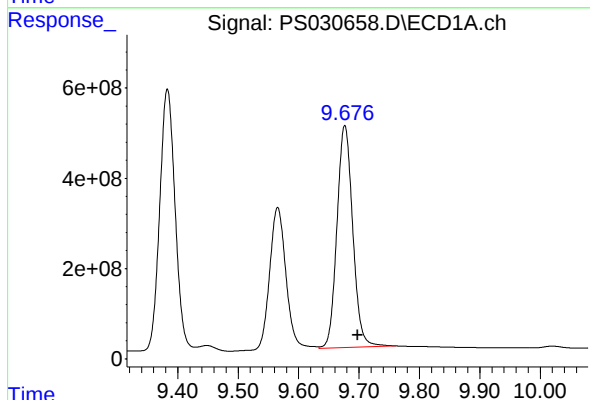
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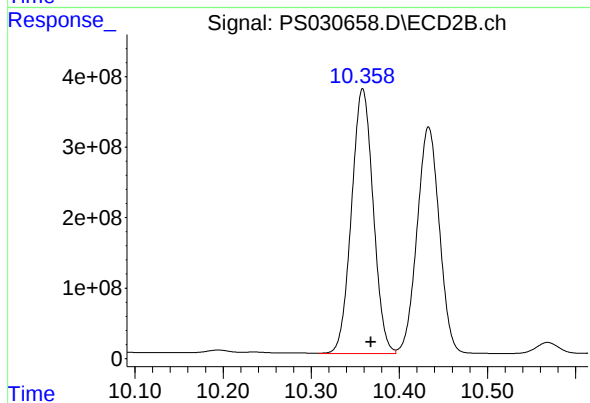
#11 2,4,5-TP (SILVEX)

R.T.: 9.932 min
Delta R.T.: -0.010 min
Response: 6791255272
Conc: 495.11 ng/ml



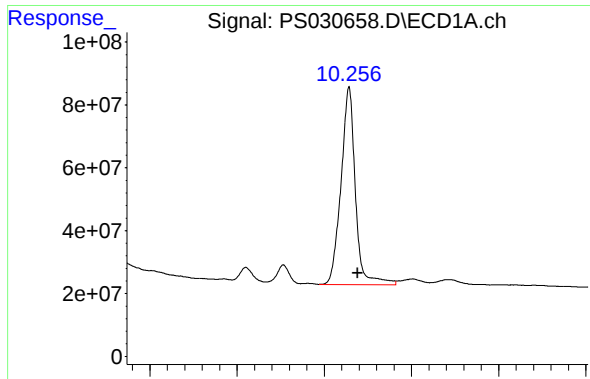
#12 2,4,5-T

R.T.: 9.677 min
Delta R.T.: -0.021 min
Response: 8933711680
Conc: 484.71 ng/ml



#12 2,4,5-T

R.T.: 10.358 min
Delta R.T.: -0.009 min
Response: 6430117488
Conc: 492.46 ng/ml



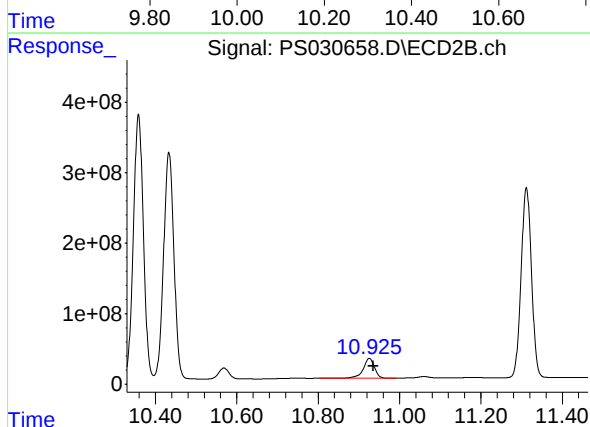
#13 2,4-DB

R.T.: 10.257 min
Delta R.T.: -0.021 min
Response: 1442616184
Conc: 475.11 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168439BS

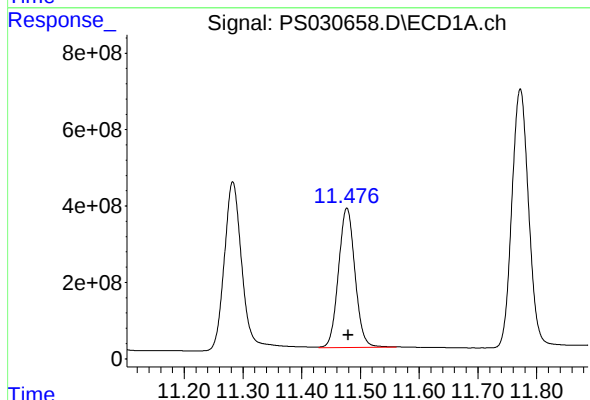
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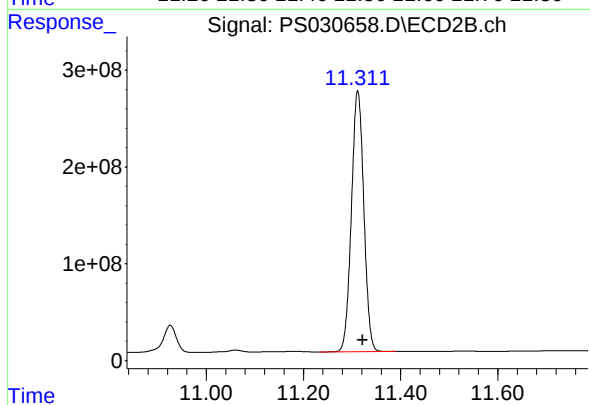
#13 2,4-DB

R.T.: 10.926 min
Delta R.T.: -0.009 min
Response: 542639296
Conc: 472.04 ng/ml



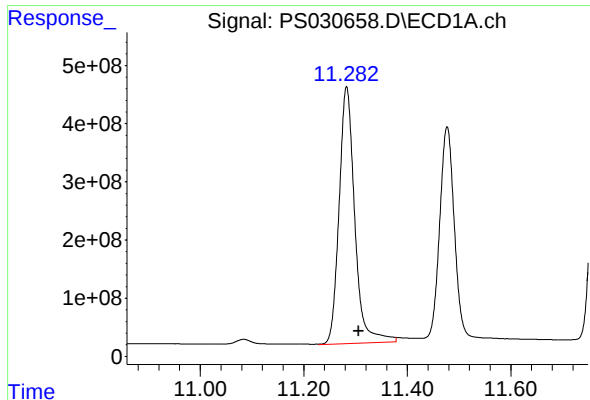
#14 DINOSEB

R.T.: 11.476 min
Delta R.T.: -0.003 min
Response: 7120678166
Conc: 495.35 ng/ml m



#14 DINOSEB

R.T.: 11.312 min
Delta R.T.: -0.010 min
Response: 4773594792
Conc: 474.98 ng/ml



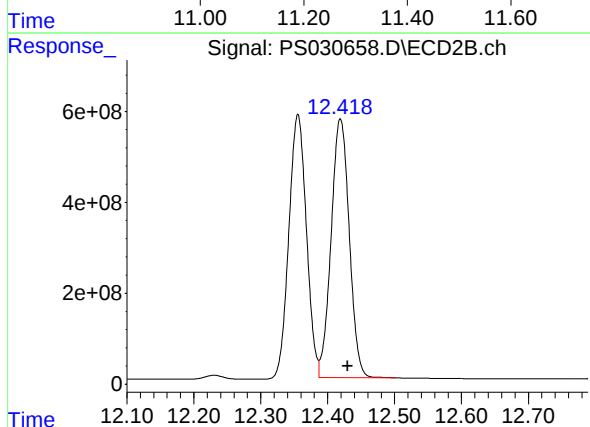
#15 Picloram

R.T.: 11.282 min
Delta R.T.: -0.024 min
Response: 9270260524
Conc: 463.40 ng/ml

Instrument :
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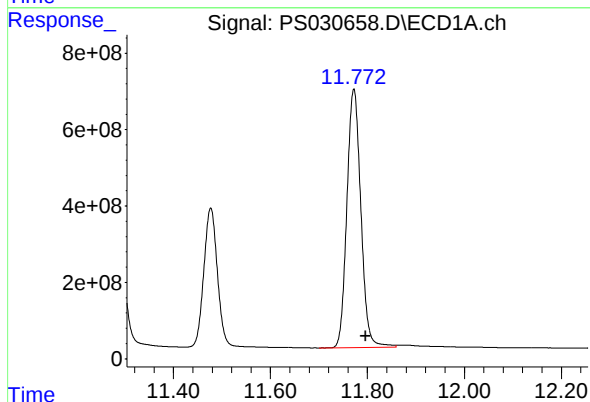
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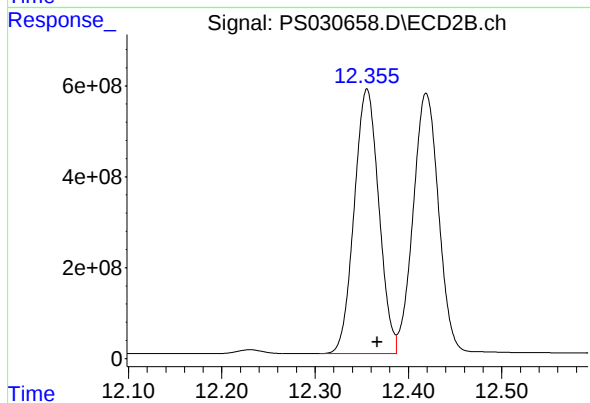
#15 Picloram

R.T.: 12.419 min
Delta R.T.: -0.011 min
Response: 10716256166
Conc: 485.25 ng/ml



#16 DCPA

R.T.: 11.772 min
Delta R.T.: -0.025 min
Response: 13507725835
Conc: 510.88 ng/ml



#16 DCPA

R.T.: 12.355 min
Delta R.T.: -0.011 min
Response: 10675334539
Conc: 521.69 ng/ml m