

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS070925\
 Data File : PS030964.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Jul 2025 13:36
 Operator : AR\AJ
 Sample : PB168753BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PB168753BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/10/2025
 Supervised By :mohammad ahmed 07/11/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 10 01:41:58 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	7.337	7.769	1979.3E6	541.7E6	538.681	505.330
Target Compounds							
1) T	Dalapon	2.706	2.712	2791.6E6	1267.6E6	467.942	462.347
2) T	3,5-DICHL...	6.497	6.715	2706.6E6	756.4E6	503.315	468.900
3) T	4-Nitroph...	7.136	7.302	775.4E6	794.5E6	491.750	458.297
5) T	DICAMBA	7.525	7.972	7871.1E6	3184.2E6	517.319m	485.899
6) T	MCPD	7.706	8.069	480.0E6	102.3E6	51.125m	48.767
7) T	MCPA	7.856	8.318	575.0E6	147.5E6	49.018	46.887
8) T	DICHLORPROP	8.239	8.691	1831.6E6	749.6E6	488.981	476.699
9) T	2,4-D	8.471	9.028	1752.7E6	779.4E6	508.857	458.655
10) T	Pentachlo...	8.778	9.552	28134.7E6	19538.4E6	531.591m	512.522
11) T	2,4,5-TP ...	9.358	9.934	10601.3E6	7247.9E6	529.259	502.327
12) T	2,4,5-T	9.652	10.360	9139.1E6	6876.5E6	555.460	503.233
13) T	2,4-DB	10.230	10.929	1326.8E6	572.9E6	578.488	484.344
14) T	DINOSEB	11.447	11.314	6999.2E6	4961.2E6	504.516m	460.166
15) T	Picloram	11.258	12.424	8600.8E6	11199.0E6	535.002m	481.854m
16) T	DCPA	11.742	12.357	14068.6E6	11338.4E6	549.205m	514.383m

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

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Sample : PB168753BS
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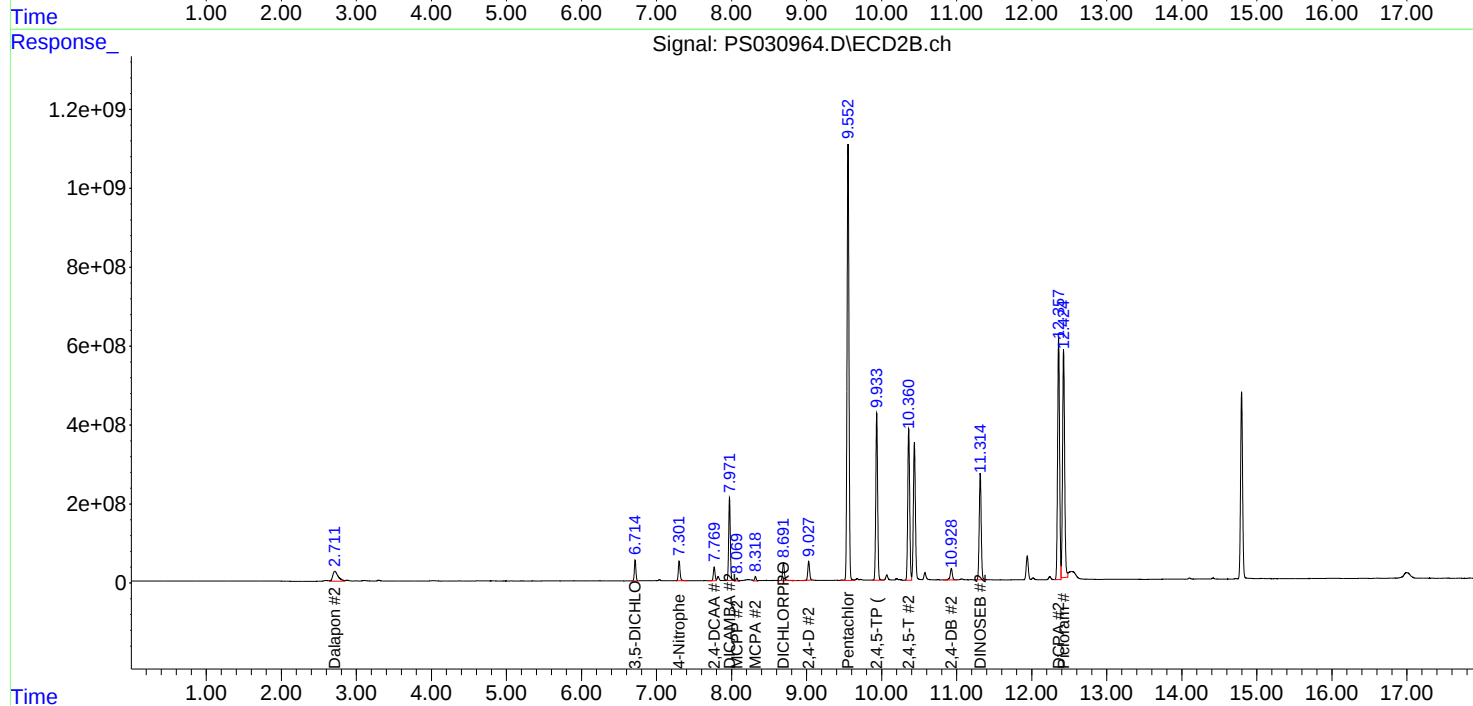
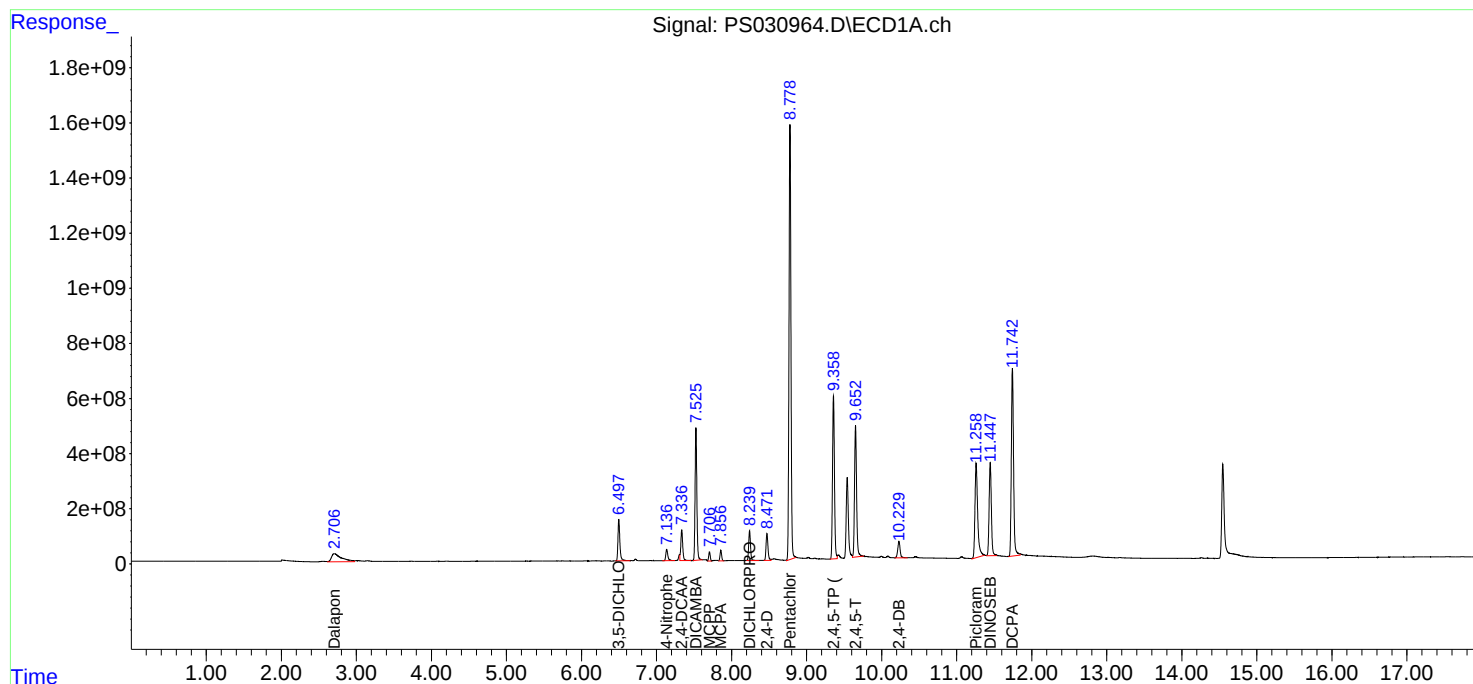
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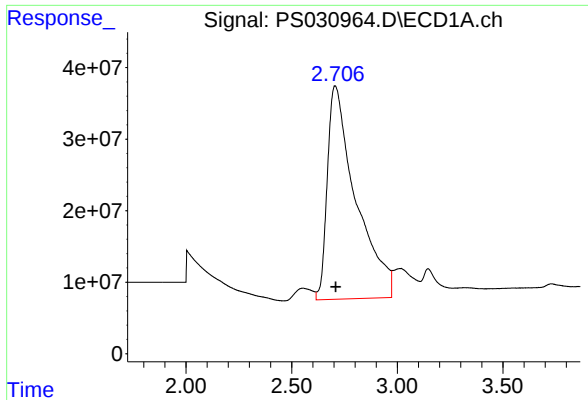
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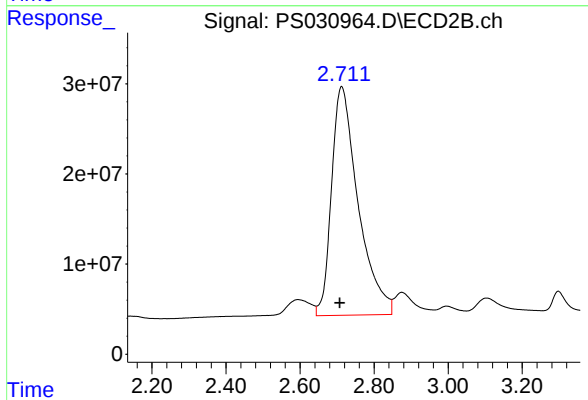
#1 Dalapon

R.T.: 2.706 min
Delta R.T.: -0.002 min
Response: 2791566333
Conc: 467.94 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168753BS

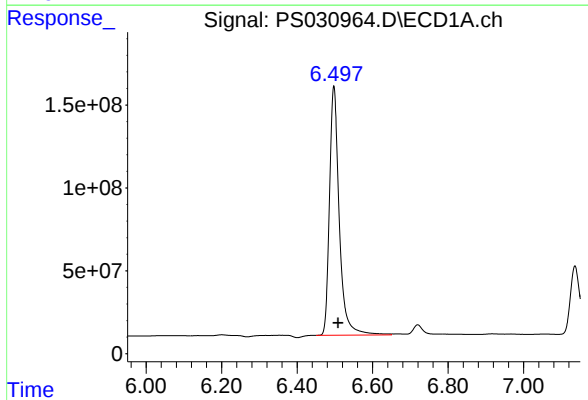
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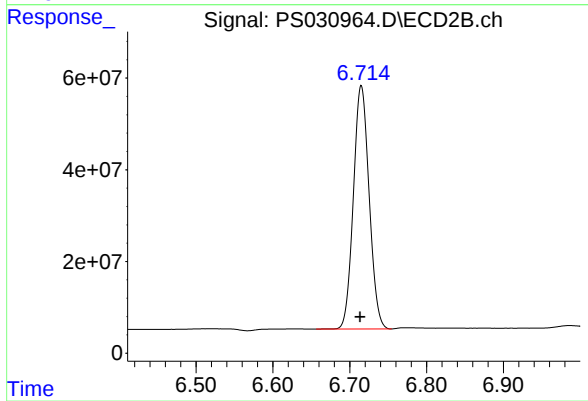
#1 Dalapon

R.T.: 2.712 min
Delta R.T.: 0.005 min
Response: 1267637366
Conc: 462.35 ng/ml



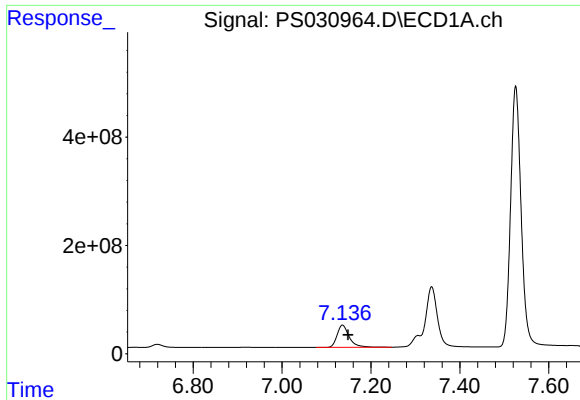
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.497 min
Delta R.T.: -0.011 min
Response: 2706600884
Conc: 503.31 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.715 min
Delta R.T.: 0.002 min
Response: 756406352
Conc: 468.90 ng/ml



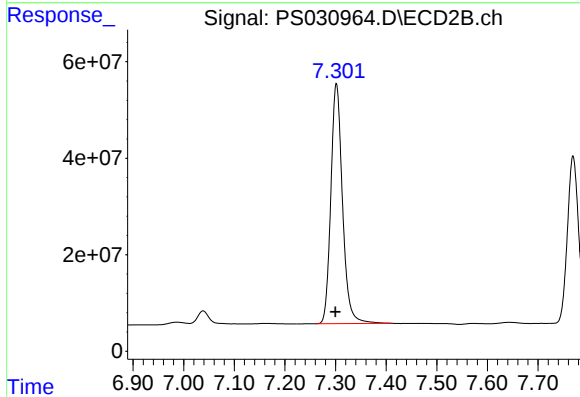
#3 4-Nitrophenol

R.T.: 7.136 min
Delta R.T.: -0.013 min
Response: 775375193
Conc: 491.75 ng/ml

Instrument :
ECD_S
ClientSampleId :
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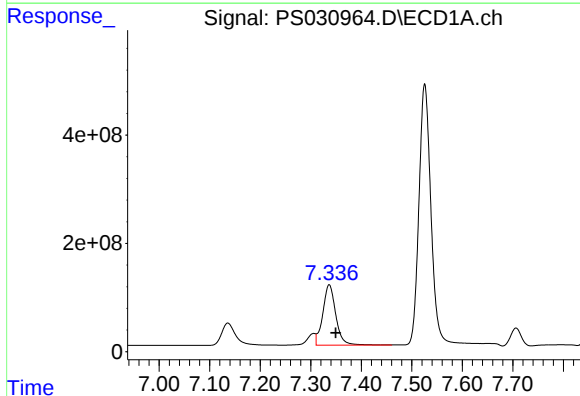
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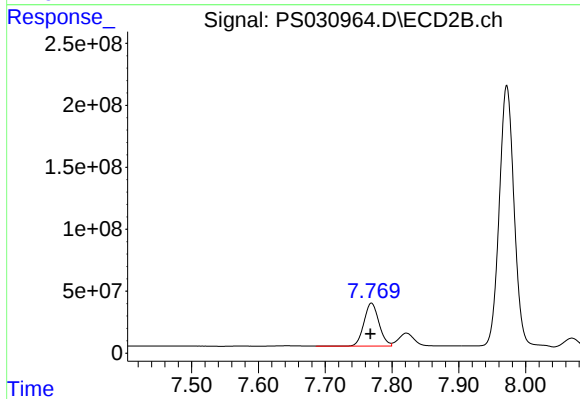
#3 4-Nitrophenol

R.T.: 7.302 min
Delta R.T.: 0.002 min
Response: 794474887
Conc: 458.30 ng/ml



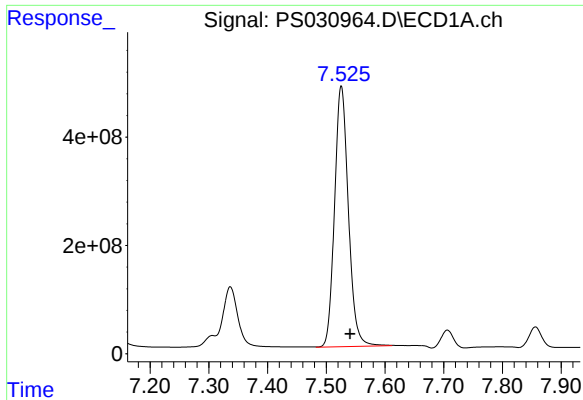
#4 2,4-DCAA

R.T.: 7.337 min
Delta R.T.: -0.013 min
Response: 1979326889
Conc: 538.68 ng/ml



#4 2,4-DCAA

R.T.: 7.769 min
Delta R.T.: 0.001 min
Response: 541695174
Conc: 505.33 ng/ml



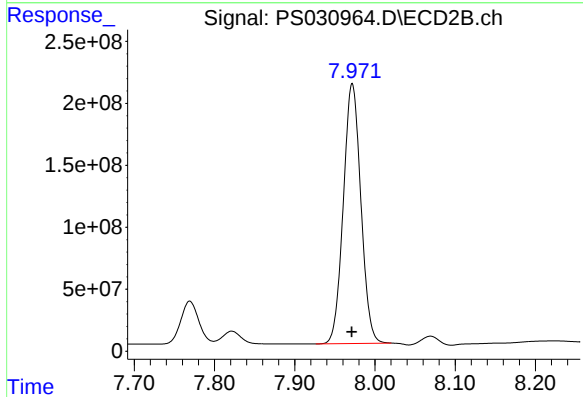
#5 DICAMBA

R.T.: 7.525 min
Delta R.T.: -0.015 min
Response: 7871060972
Conc: 517.32 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168753BS

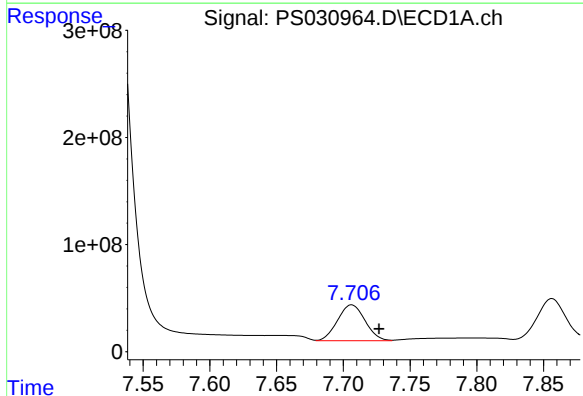
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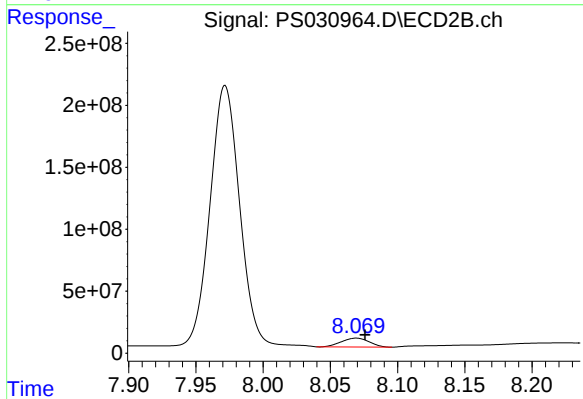
#5 DICAMBA

R.T.: 7.972 min
Delta R.T.: 0.000 min
Response: 3184200394
Conc: 485.90 ng/ml



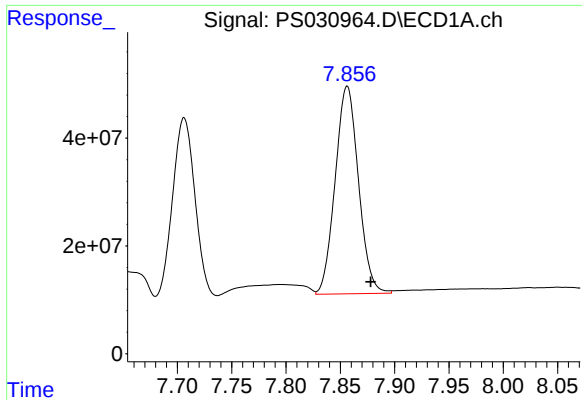
#6 MCP

R.T.: 7.706 min
Delta R.T.: -0.021 min
Response: 479983934
Conc: 51.13 ug/ml m



#6 MCP

R.T.: 8.069 min
Delta R.T.: -0.006 min
Response: 102280694
Conc: 48.77 ug/ml



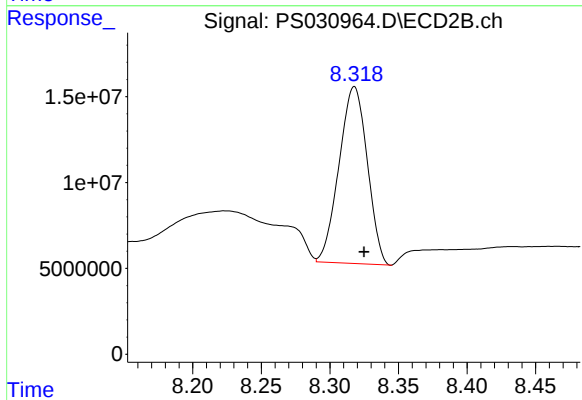
#7 MCPA

R.T.: 7.856 min
Delta R.T.: -0.022 min
Response: 575007765
Conc: 49.02 ug/ml

Instrument :
ECD_S
ClientSampleId :
PB168753BS

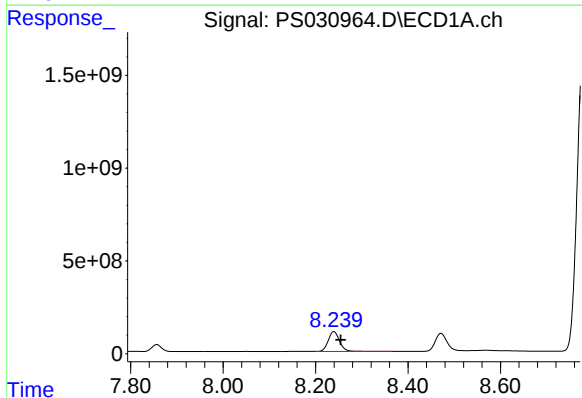
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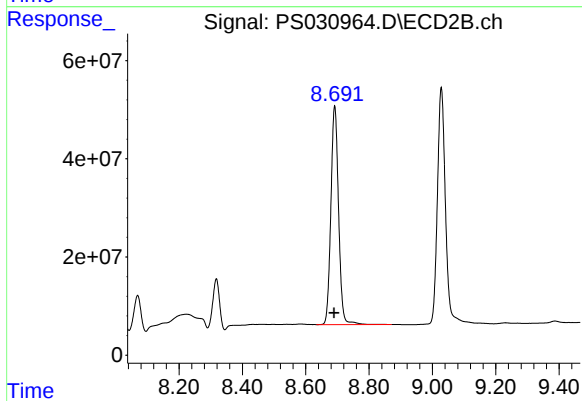
#7 MCPA

R.T.: 8.318 min
Delta R.T.: -0.007 min
Response: 147495879
Conc: 46.89 ug/ml



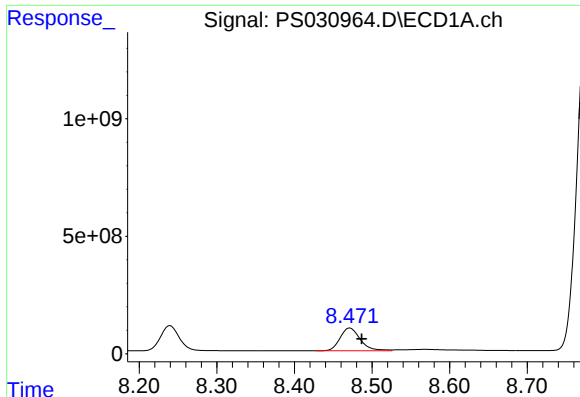
#8 DICHLORPROP

R.T.: 8.239 min
Delta R.T.: -0.015 min
Response: 1831606350
Conc: 488.98 ng/ml



#8 DICHLORPROP

R.T.: 8.691 min
Delta R.T.: 0.001 min
Response: 749606881
Conc: 476.70 ng/ml



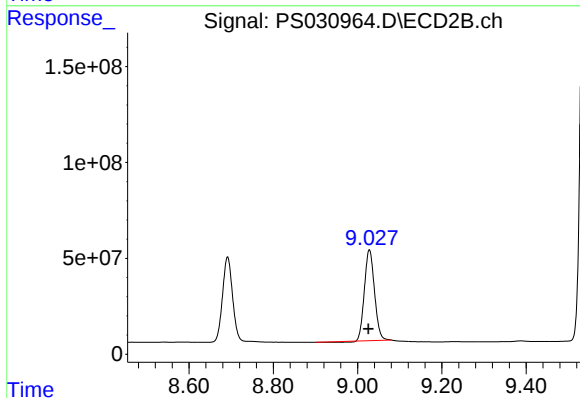
#9 2,4-D

R.T.: 8.471 min
Delta R.T.: -0.016 min
Response: 1752713142
Conc: 508.86 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168753BS

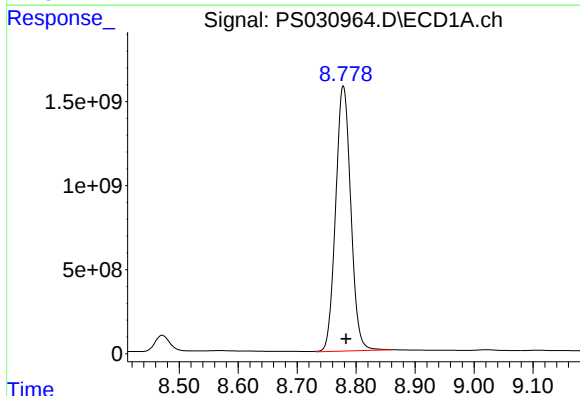
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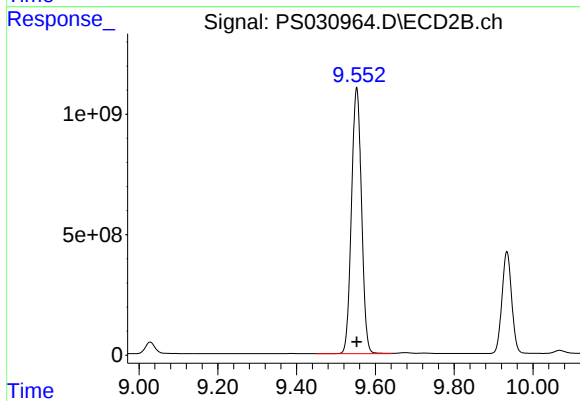
#9 2,4-D

R.T.: 9.028 min
Delta R.T.: 0.002 min
Response: 779440590
Conc: 458.65 ng/ml



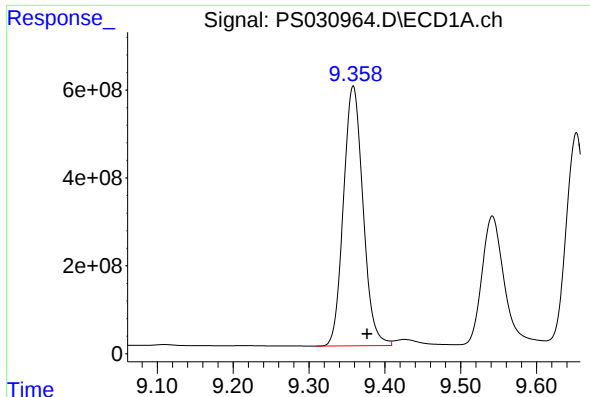
#10 Pentachlorophenol

R.T.: 8.778 min
Delta R.T.: -0.005 min
Response: 28134668218
Conc: 531.59 ng/ml m



#10 Pentachlorophenol

R.T.: 9.552 min
Delta R.T.: 0.000 min
Response: 19538400873
Conc: 512.52 ng/ml



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

R.T.: 9.358 min
Delta R.T.: -0.018 min
Response: 10601279776
Conc: 529.26 ng/ml

Instrument :

ECD_S

ClientSampleId :

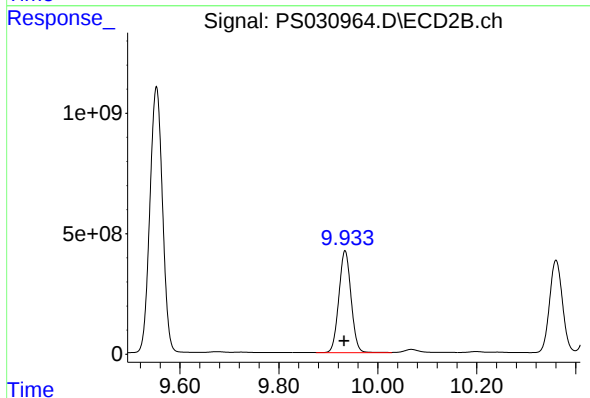
PB168753BS

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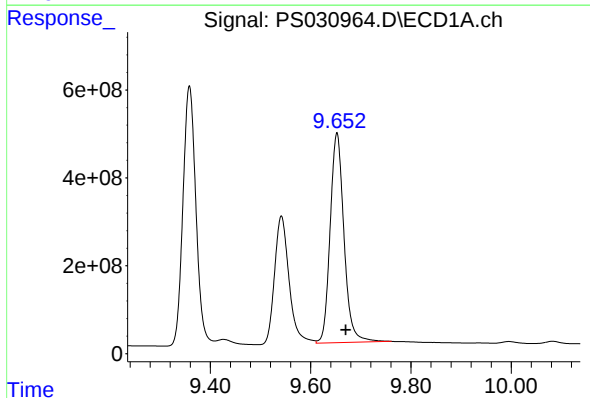
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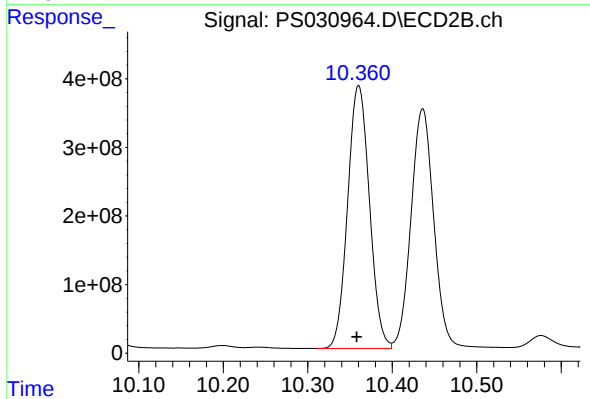
#11 2,4,5-TP (SILVEX)

R.T.: 9.934 min
Delta R.T.: 0.002 min
Response: 7247930802
Conc: 502.33 ng/ml



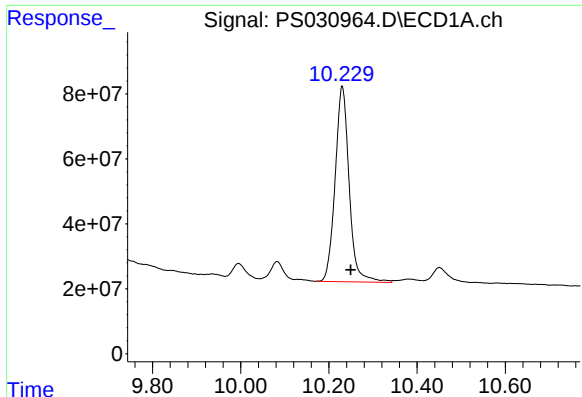
#12 2,4,5-T

R.T.: 9.652 min
Delta R.T.: -0.018 min
Response: 9139068334
Conc: 555.46 ng/ml



#12 2,4,5-T

R.T.: 10.360 min
Delta R.T.: 0.002 min
Response: 6876486778
Conc: 503.23 ng/ml



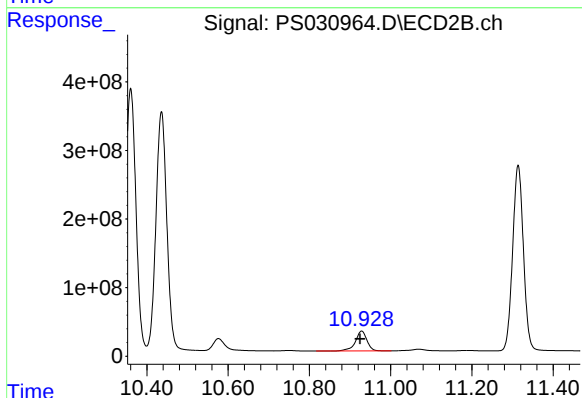
#13 2,4-DB

R.T.: 10.230 min
Delta R.T.: -0.020 min
Response: 1326763721
Conc: 578.49 ng/ml

Instrument :
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ClientSampleId :
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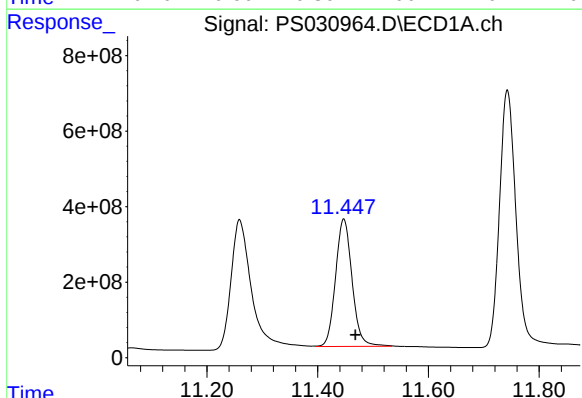
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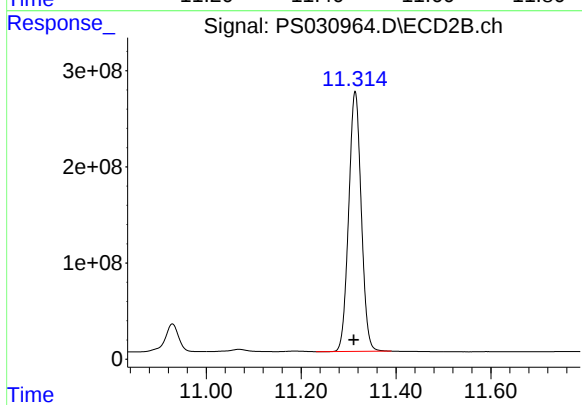
#13 2,4-DB

R.T.: 10.929 min
Delta R.T.: 0.004 min
Response: 572932107
Conc: 484.34 ng/ml



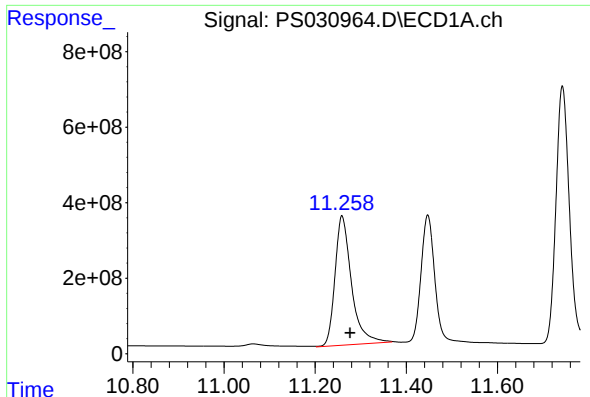
#14 DINOSEB

R.T.: 11.447 min
Delta R.T.: -0.022 min
Response: 6999236559
Conc: 504.52 ng/ml m



#14 DINOSEB

R.T.: 11.314 min
Delta R.T.: 0.003 min
Response: 4961163190
Conc: 460.17 ng/ml



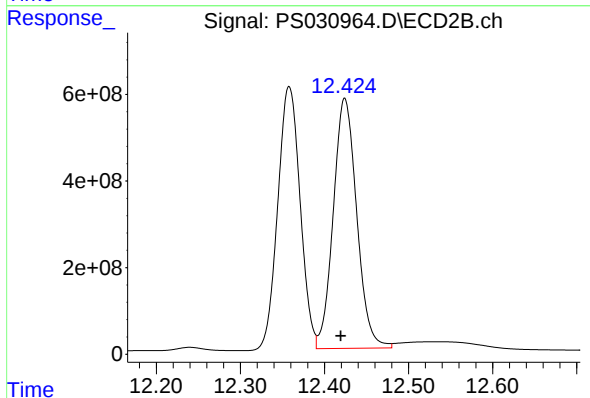
#15 Picloram

R.T.: 11.258 min
Delta R.T.: -0.018 min
Response: 8600753992
Conc: 535.00 ng/ml

Instrument :
ECD_S
ClientSampleId :
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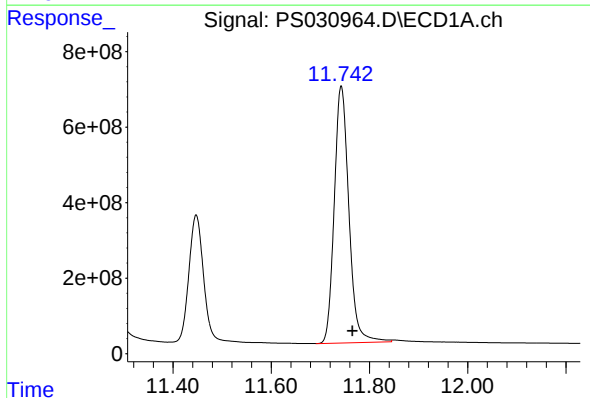
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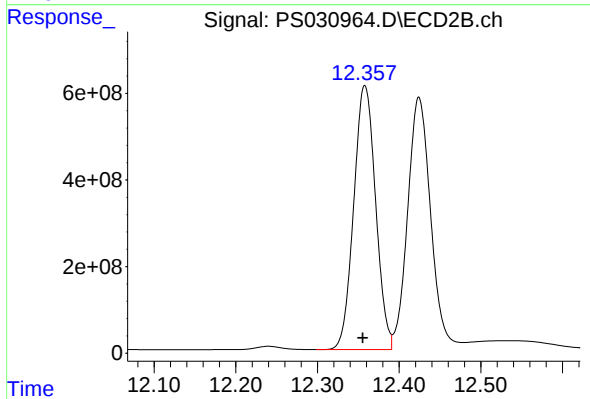
#15 Picloram

R.T.: 12.424 min
Delta R.T.: 0.004 min
Response: 11198966948
Conc: 481.85 ng/ml m



#16 DCPA

R.T.: 11.742 min
Delta R.T.: -0.023 min
Response: 14068588971
Conc: 549.21 ng/ml m



#16 DCPA

R.T.: 12.357 min
Delta R.T.: 0.002 min
Response: 11338433966
Conc: 514.38 ng/ml m