

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS070825\
 Data File : PS030953.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Jul 2025 14:52
 Operator : AR\AJ
 Sample : PB168717BSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PB168717BSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/09/2025
 Supervised By :mohammad ahmed 07/10/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 09 01:37:50 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	7.339	7.768	1980.8E6	547.1E6	539.091	510.413
Target Compounds							
1) T	Dalapon	2.703	2.707	2943.1E6	1287.4E6	493.348	469.555
2) T	3,5-DICHL...	6.499	6.713	2696.6E6	762.9E6	501.449	472.945
3) T	4-Nitroph...	7.138	7.301	774.4E6	802.8E6	491.115	463.089
5) T	DICAMBA	7.529	7.971	7536.7E6	3187.5E6	495.345	486.395
6) T	MCPD	7.709	8.068	472.7E6	99316886	50.351m	47.354
7) T	MCPA	7.859	8.317	572.0E6	144.5E6	48.761	45.941
8) T	DICHLORPROP	8.242	8.691	1837.9E6	741.0E6	490.672	471.206
9) T	2,4-D	8.474	9.027	2045.6E6	833.6E6	593.877	490.544m
10) T	Pentachlo...	8.781	9.552	28210.1E6	19540.9E6	533.015	512.588
11) T	2,4,5-TP ...	9.361	9.933	10656.4E6	7252.0E6	532.011	502.609
12) T	2,4,5-T	9.656	10.360	9256.3E6	6927.3E6	562.587	506.953
13) T	2,4-DB	10.235	10.928	1379.3E6	577.1E6	601.404	487.852
14) T	DINOSEB	11.451	11.313	7141.5E6	5096.3E6	514.773m	472.704
15) T	Picloram	11.264	12.423	9232.0E6	11690.0E6	574.267m	502.983
16) T	DCPA	11.748	12.357	14200.1E6	11330.3E6	554.338	514.013m

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

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Acq On : 08 Jul 2025 14:52
Operator : AR\AJ
Sample : PB168717BSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

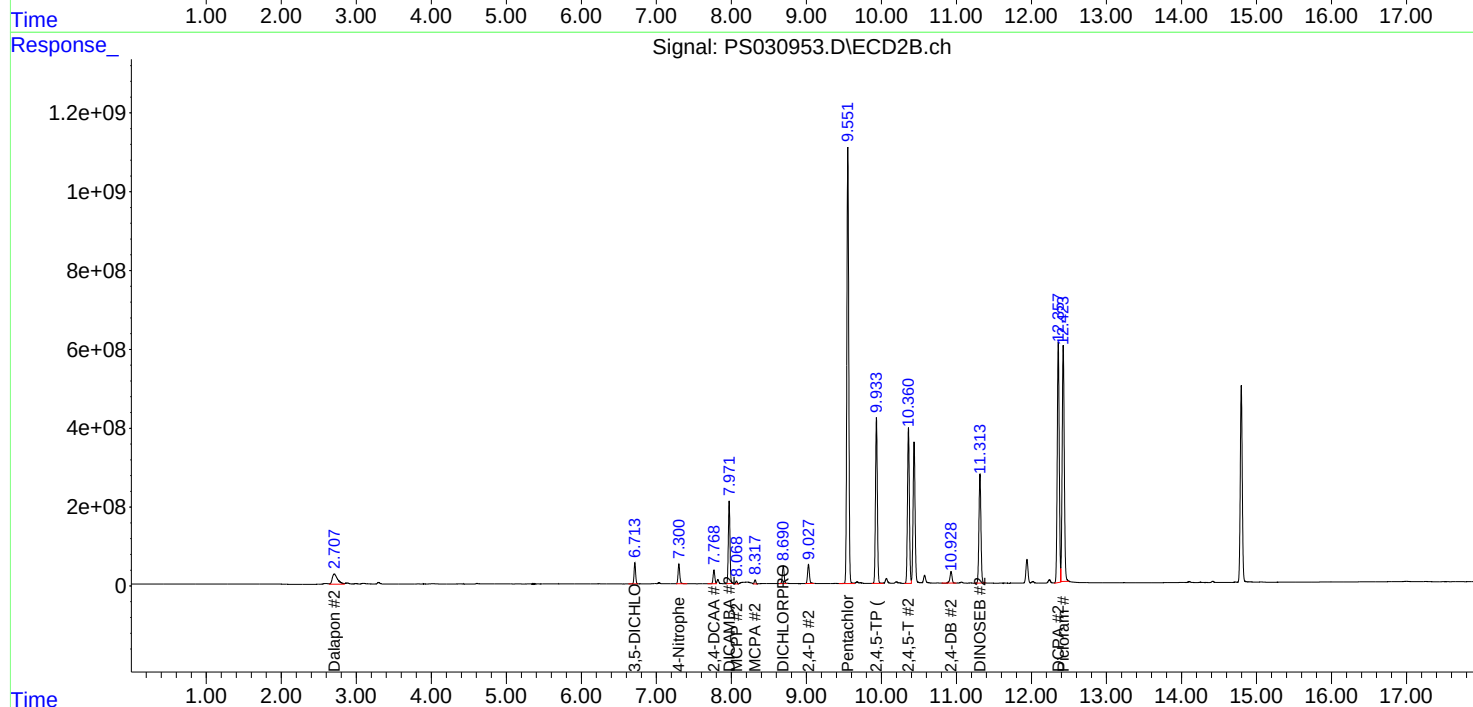
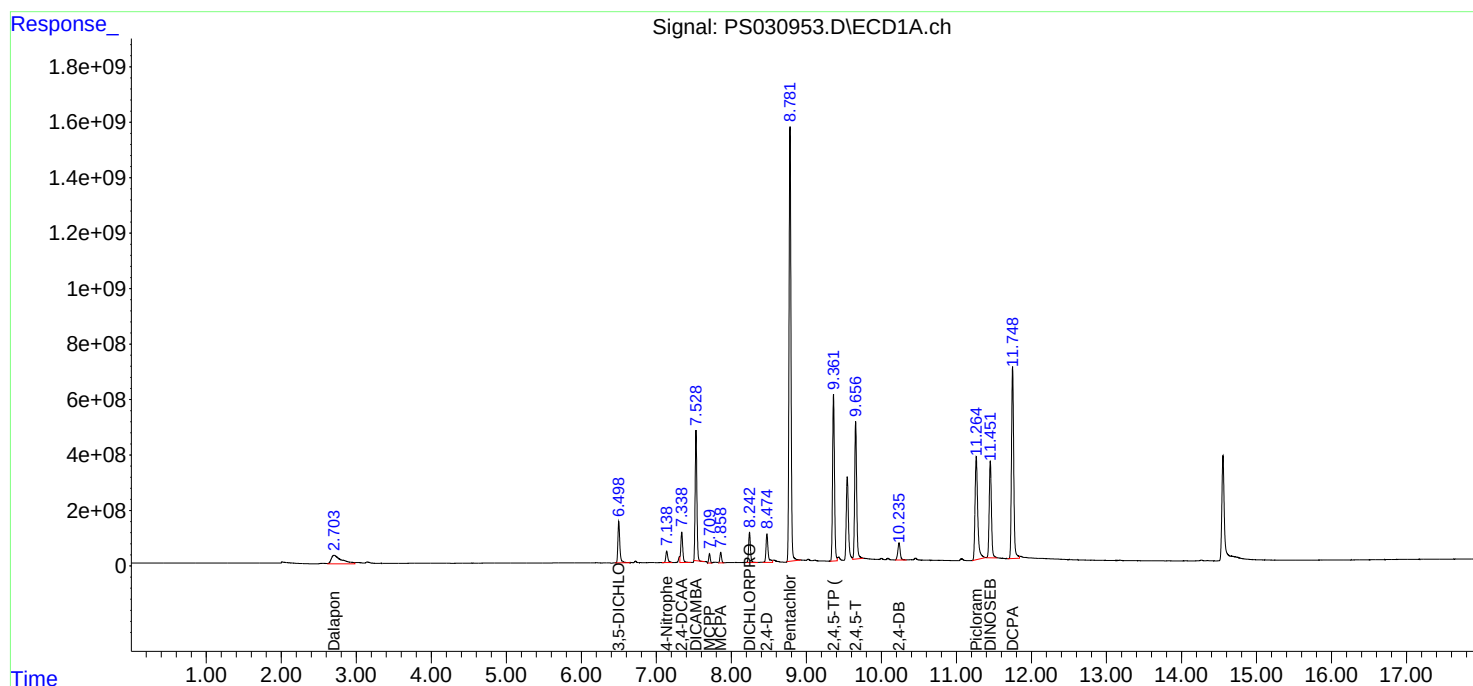
Instrument :
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ClientSampleId :
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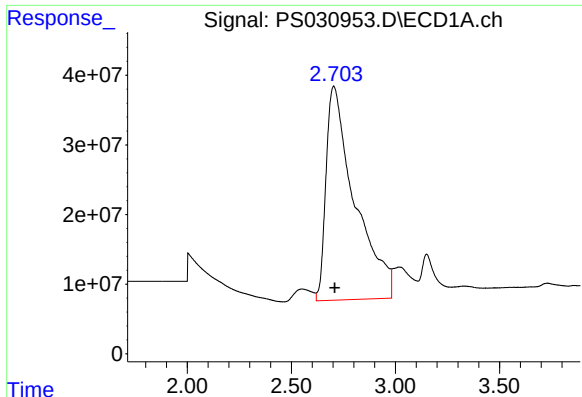
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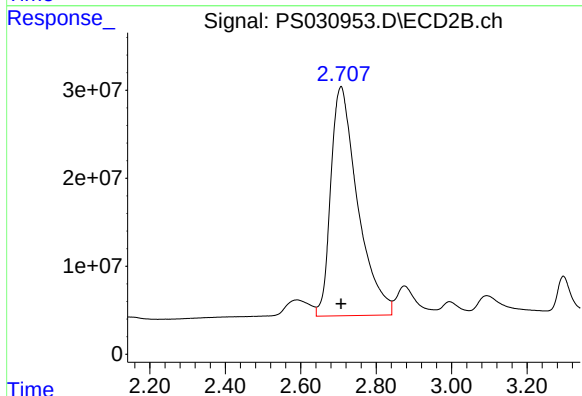
#1 Dalapon

R.T.: 2.703 min
Delta R.T.: -0.005 min
Response: 2943129690
Conc: 493.35 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168717BSD

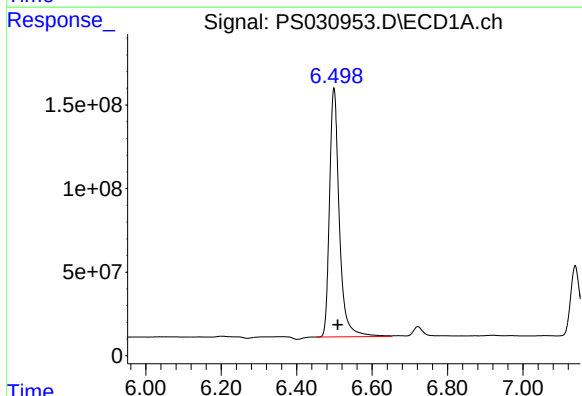
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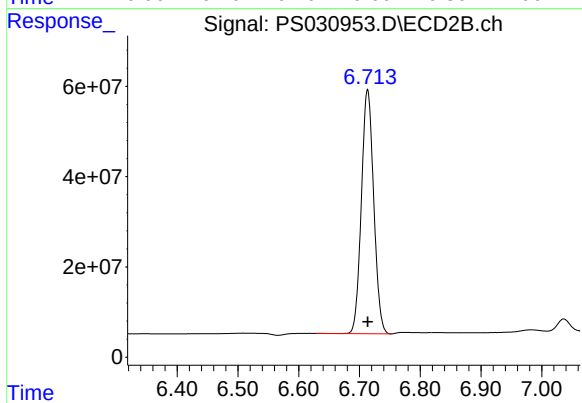
#1 Dalapon

R.T.: 2.707 min
Delta R.T.: 0.000 min
Response: 1287399803
Conc: 469.56 ng/ml



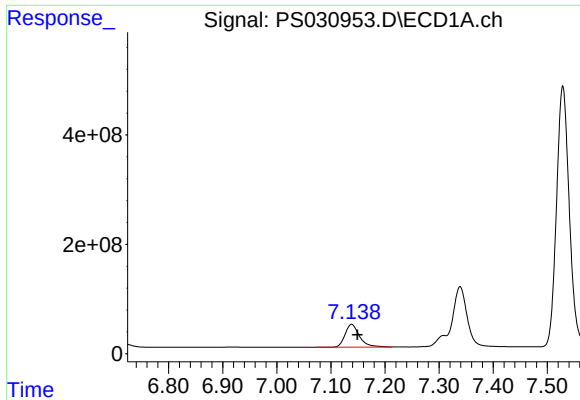
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.499 min
Delta R.T.: -0.010 min
Response: 2696566358
Conc: 501.45 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.713 min
Delta R.T.: 0.000 min
Response: 762931911
Conc: 472.95 ng/ml



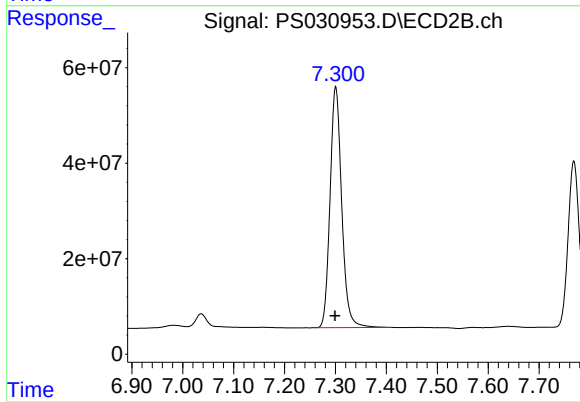
#3 4-Nitrophenol

R.T.: 7.138 min
Delta R.T.: -0.010 min
Response: 774374782
Conc: 491.12 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168717BSD

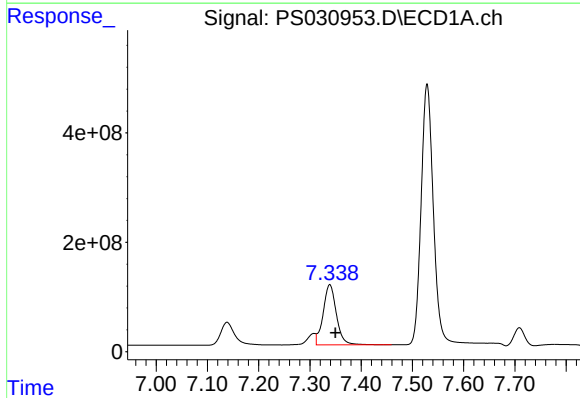
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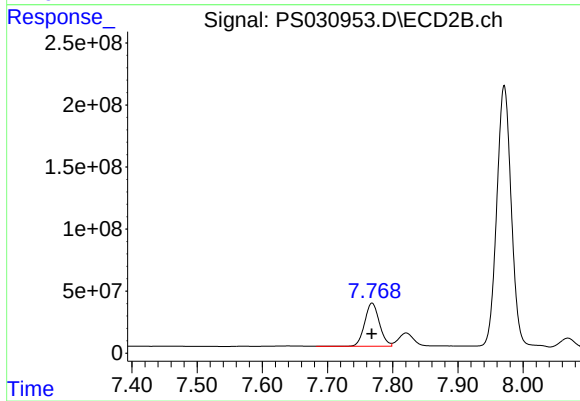
#3 4-Nitrophenol

R.T.: 7.301 min
Delta R.T.: 0.001 min
Response: 802780715
Conc: 463.09 ng/ml



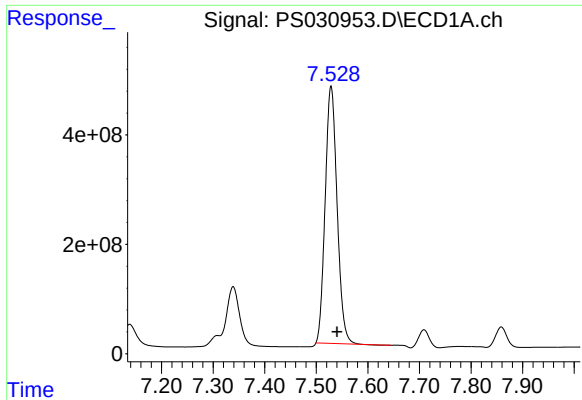
#4 2,4-DCAA

R.T.: 7.339 min
Delta R.T.: -0.011 min
Response: 1980832276
Conc: 539.09 ng/ml



#4 2,4-DCAA

R.T.: 7.768 min
Delta R.T.: 0.000 min
Response: 547144290
Conc: 510.41 ng/ml



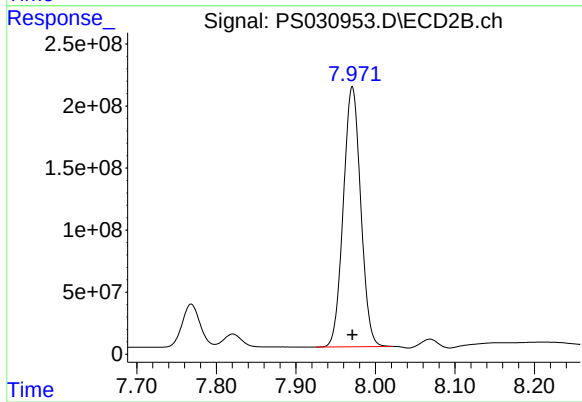
#5 DICAMBA

R.T.: 7.529 min
Delta R.T.: -0.012 min
Response: 7536727224
Conc: 495.35 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168717BSD

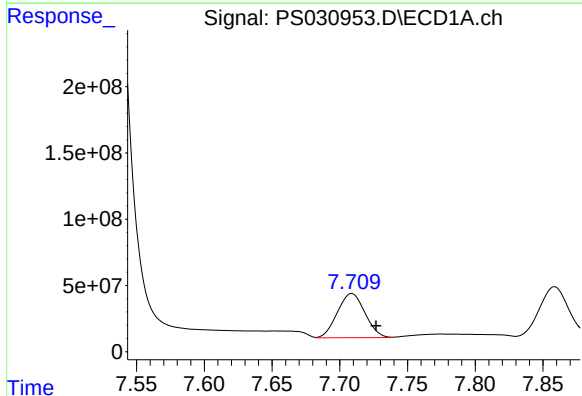
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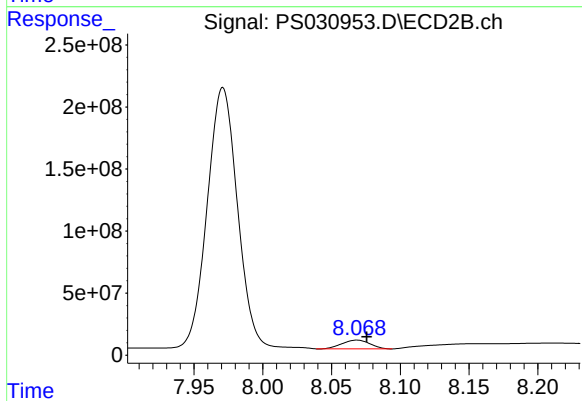
#5 DICAMBA

R.T.: 7.971 min
Delta R.T.: 0.000 min
Response: 3187453166
Conc: 486.40 ng/ml



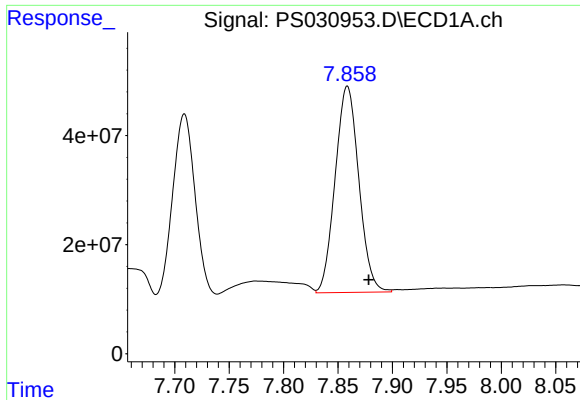
#6 MCP

R.T.: 7.709 min
Delta R.T.: -0.018 min
Response: 472709671
Conc: 50.35 ug/ml m



#6 MCP

R.T.: 8.068 min
Delta R.T.: -0.007 min
Response: 99316886
Conc: 47.35 ug/ml



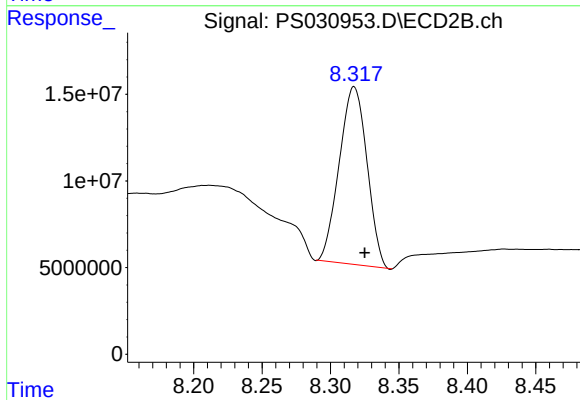
#7 MCPA

R.T.: 7.859 min
Delta R.T.: -0.019 min
Response: 571991498
Conc: 48.76 ug/ml

Instrument :
ECD_S
ClientSampleId :
PB168717BSD

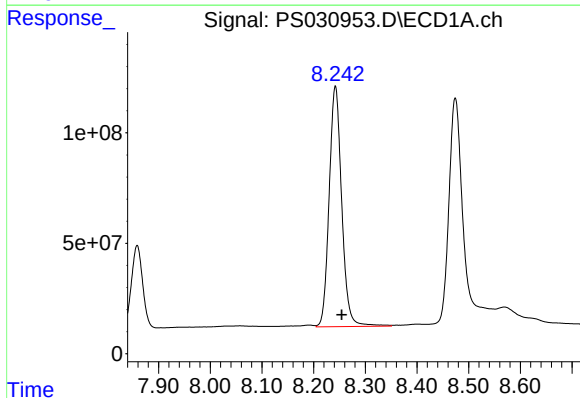
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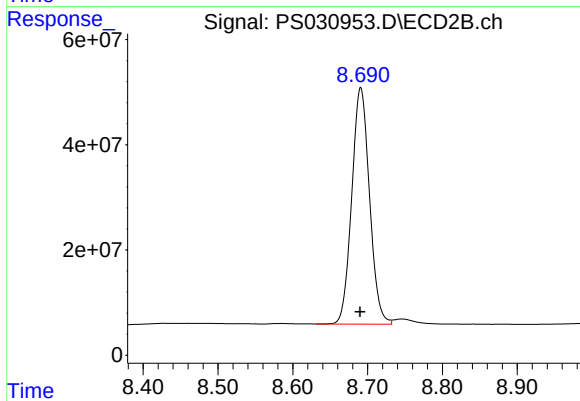
#7 MCPA

R.T.: 8.317 min
Delta R.T.: -0.008 min
Response: 144519174
Conc: 45.94 ug/ml



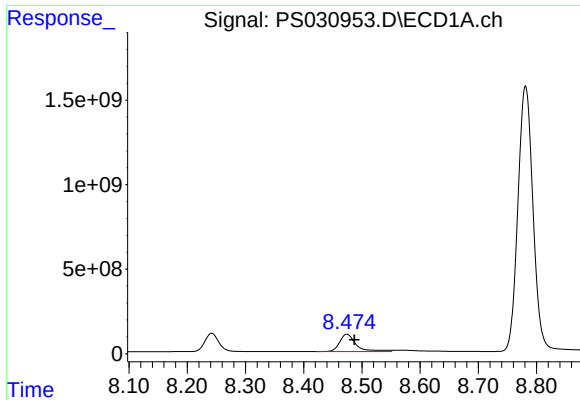
#8 DICHLORPROP

R.T.: 8.242 min
Delta R.T.: -0.012 min
Response: 1837940099
Conc: 490.67 ng/ml



#8 DICHLORPROP

R.T.: 8.691 min
Delta R.T.: 0.000 min
Response: 740969696
Conc: 471.21 ng/ml



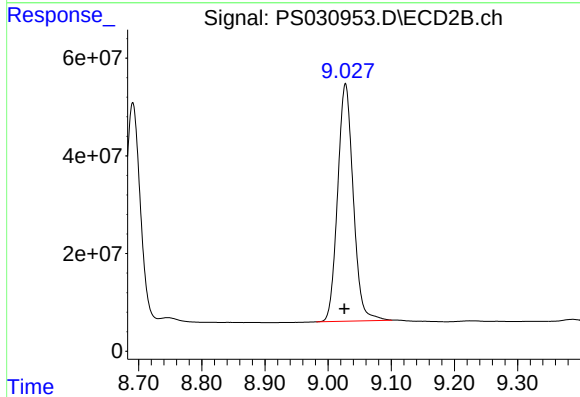
#9 2,4-D

R.T.: 8.474 min
Delta R.T.: -0.013 min
Response: 2045556550
Conc: 593.88 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168717BSD

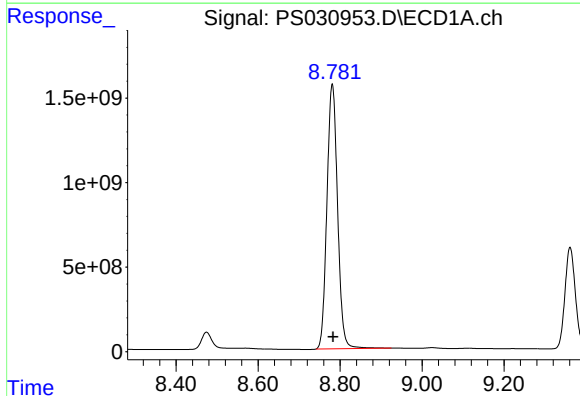
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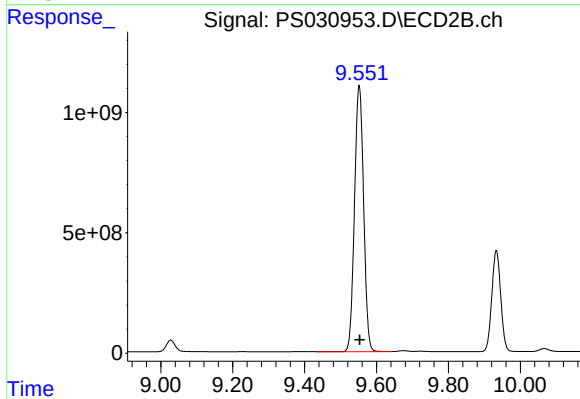
#9 2,4-D

R.T.: 9.027 min
Delta R.T.: 0.002 min
Response: 833633208
Conc: 490.54 ng/ml m



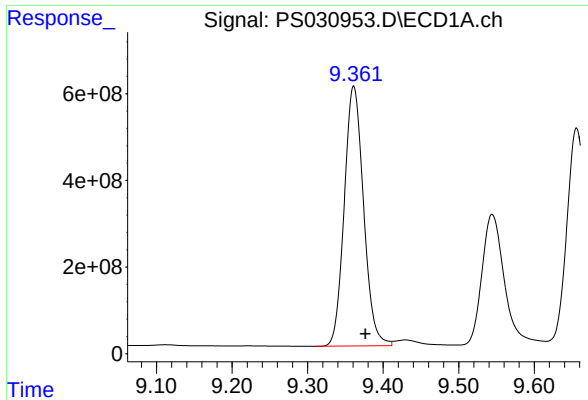
#10 Pentachlorophenol

R.T.: 8.781 min
Delta R.T.: -0.002 min
Response: 28210057238
Conc: 533.02 ng/ml



#10 Pentachlorophenol

R.T.: 9.552 min
Delta R.T.: -0.001 min
Response: 19540916649
Conc: 512.59 ng/ml



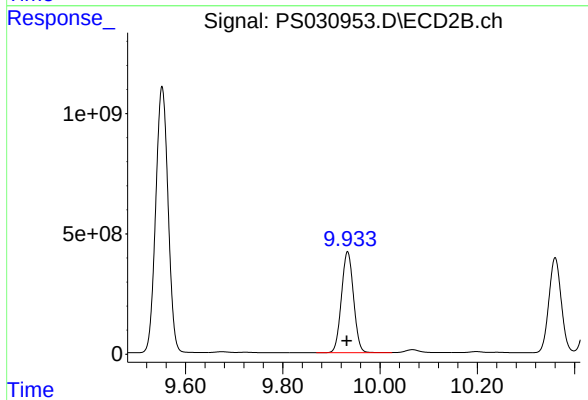
#11 2,4,5-TP (SILVEX)

R.T.: 9.361 min
Delta R.T.: -0.016 min
Response: 10656400180
Conc: 532.01 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168717BSD

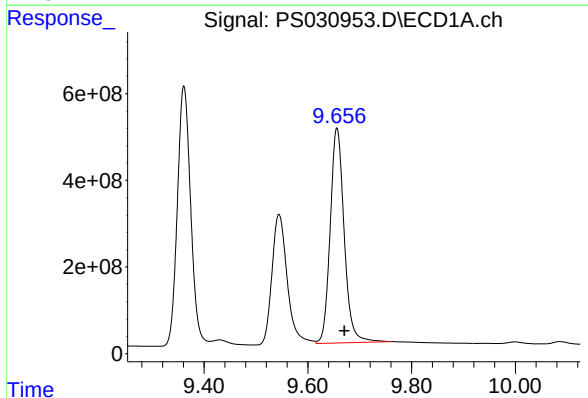
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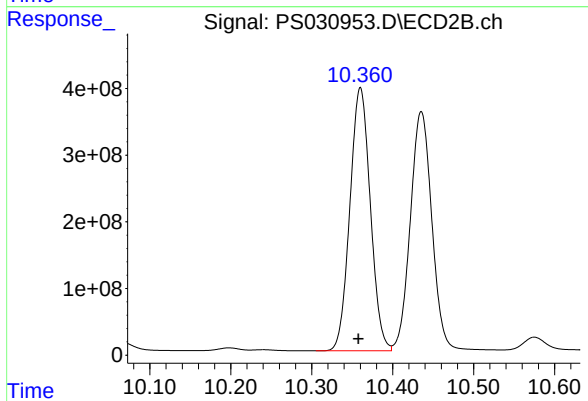
#11 2,4,5-TP (SILVEX)

R.T.: 9.933 min
Delta R.T.: 0.002 min
Response: 7252002471
Conc: 502.61 ng/ml



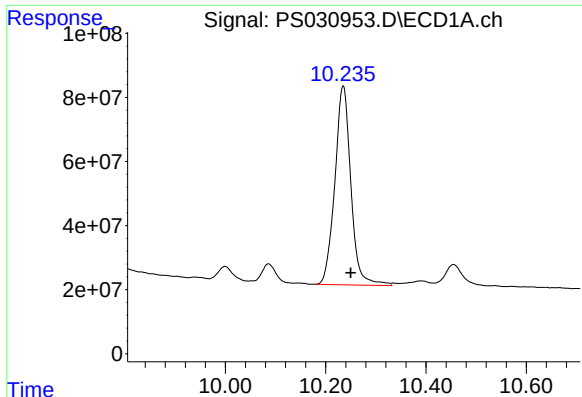
#12 2,4,5-T

R.T.: 9.656 min
Delta R.T.: -0.014 min
Response: 9256328534
Conc: 562.59 ng/ml



#12 2,4,5-T

R.T.: 10.360 min
Delta R.T.: 0.002 min
Response: 6927327840
Conc: 506.95 ng/ml



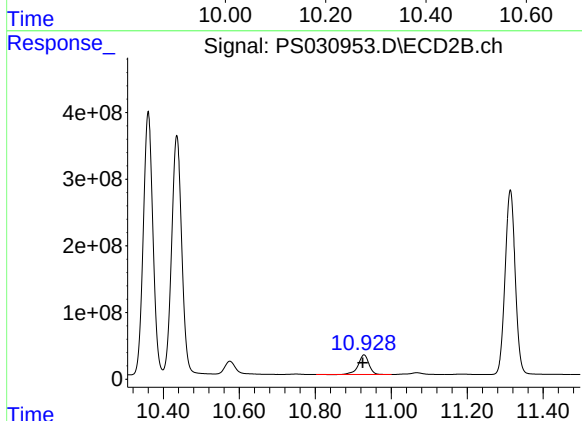
#13 2,4-DB

R.T.: 10.235 min
Delta R.T.: -0.015 min
Response: 1379320924
Conc: 601.40 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168717BSD

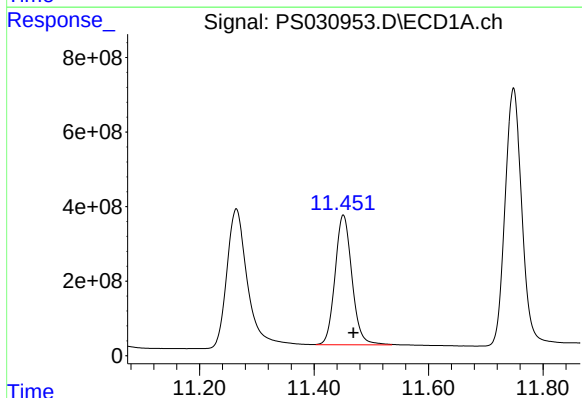
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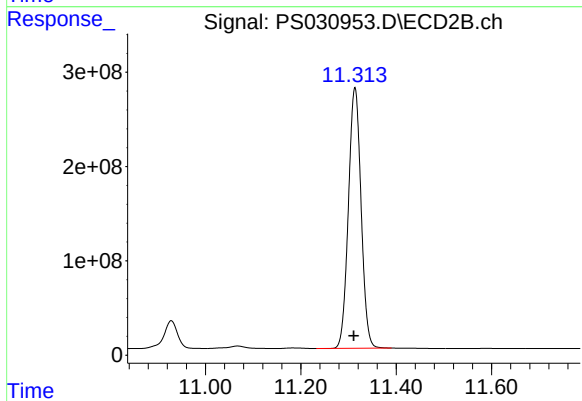
#13 2,4-DB

R.T.: 10.928 min
Delta R.T.: 0.003 min
Response: 577081884
Conc: 487.85 ng/ml



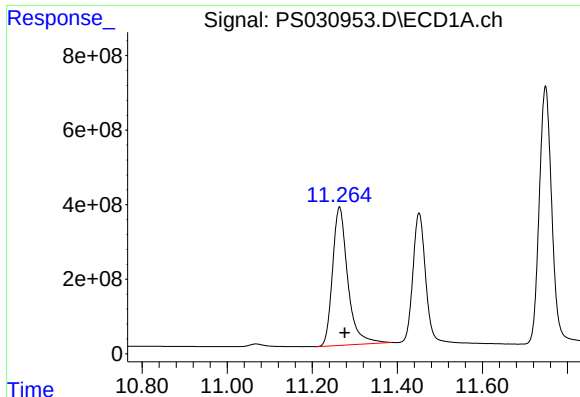
#14 DINOSEB

R.T.: 11.451 min
Delta R.T.: -0.018 min
Response: 7141539249
Conc: 514.77 ng/ml m



#14 DINOSEB

R.T.: 11.313 min
Delta R.T.: 0.002 min
Response: 5096343709
Conc: 472.70 ng/ml



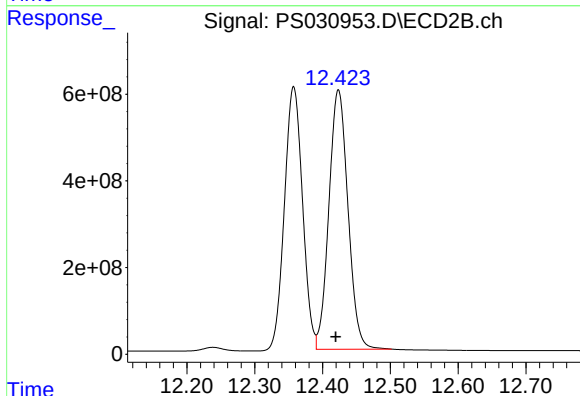
#15 Picloram

R.T.: 11.264 min
Delta R.T.: -0.013 min
Response: 9231975699
Conc: 574.27 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168717BSD

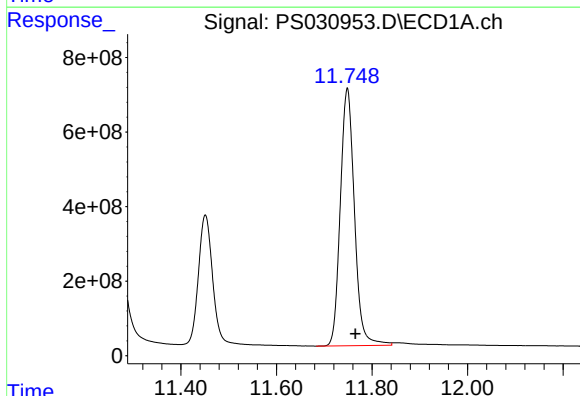
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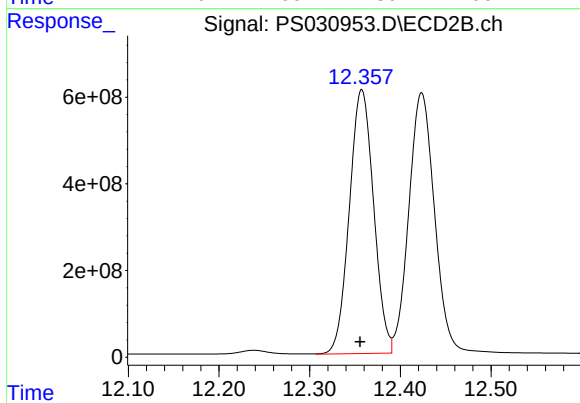
#15 Picloram

R.T.: 12.423 min
Delta R.T.: 0.004 min
Response: 11690039893
Conc: 502.98 ng/ml



#16 DCPA

R.T.: 11.748 min
Delta R.T.: -0.017 min
Response: 14200071403
Conc: 554.34 ng/ml



#16 DCPA

R.T.: 12.357 min
Delta R.T.: 0.001 min
Response: 11330285713
Conc: 514.01 ng/ml m