

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS120425\
 Data File : PS032612.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Dec 2025 17:02
 Operator : AR\AJ
 Sample : PB170818BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PB170818BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 12/05/2025
 Supervised By :mohammad ahmed 12/08/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 05 00:41:09 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS120325.M
 Quant Title : 8080.M
 QLast Update : Wed Dec 03 13:46:29 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	7.013	7.378	2506.4E6	2341.6E6	453.749	436.769
Target Compounds							
1) T	Dalapon	2.477	2.454	3710.0E6	3224.4E6	438.136	441.760
2) T	3,5-DICHL...	6.206	6.370	3212.0E6	2654.4E6	433.045	434.529
3) T	4-Nitroph...	6.843f	6.948	599.1E6	1007.8E6	477.551	421.847m
5) T	DICAMBA	7.187	7.570	10274.8E6	8701.6E6	462.445	438.590m
6) T	MCPD	7.360	7.670	512.2E6	514.5E6	40.619	38.381m
7) T	MCPA	7.508	7.915	676.7E6	563.8E6	41.848	33.951
8) T	DICHLORPROP	7.881	8.275	2424.4E6	2062.0E6	449.811	415.080
9) T	2,4-D	8.118	8.611	2831.5E6	2188.5E6	463.758	389.657
10) T	Pentachlo...	8.383	9.079	39354.6E6	28153.4E6	536.732	460.791
11) T	2,4,5-TP ...	8.960	9.479	15401.5E6	12226.9E6	460.922	426.194
12) T	2,4,5-T	9.256	9.906	17384.2E6	11722.3E6	413.495	419.762
13) T	2,4-DB	9.821	10.464	1807.3E6	2317.5E6	579.436m	568.921
14) T	DINOSEB	10.997	10.850	10773.3E6	7330.2E6	390.674	405.327m
15) T	Picloram	10.840	11.970	19692.7E6	14779.0E6	500.519	410.569
16) T	DCPA	11.287	11.857	18910.8E6	13916.5E6	471.983	409.039

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

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Operator : AR\AJ
Sample : PB170818BS
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ALS Vial : 7 Sample Multiplier: 1

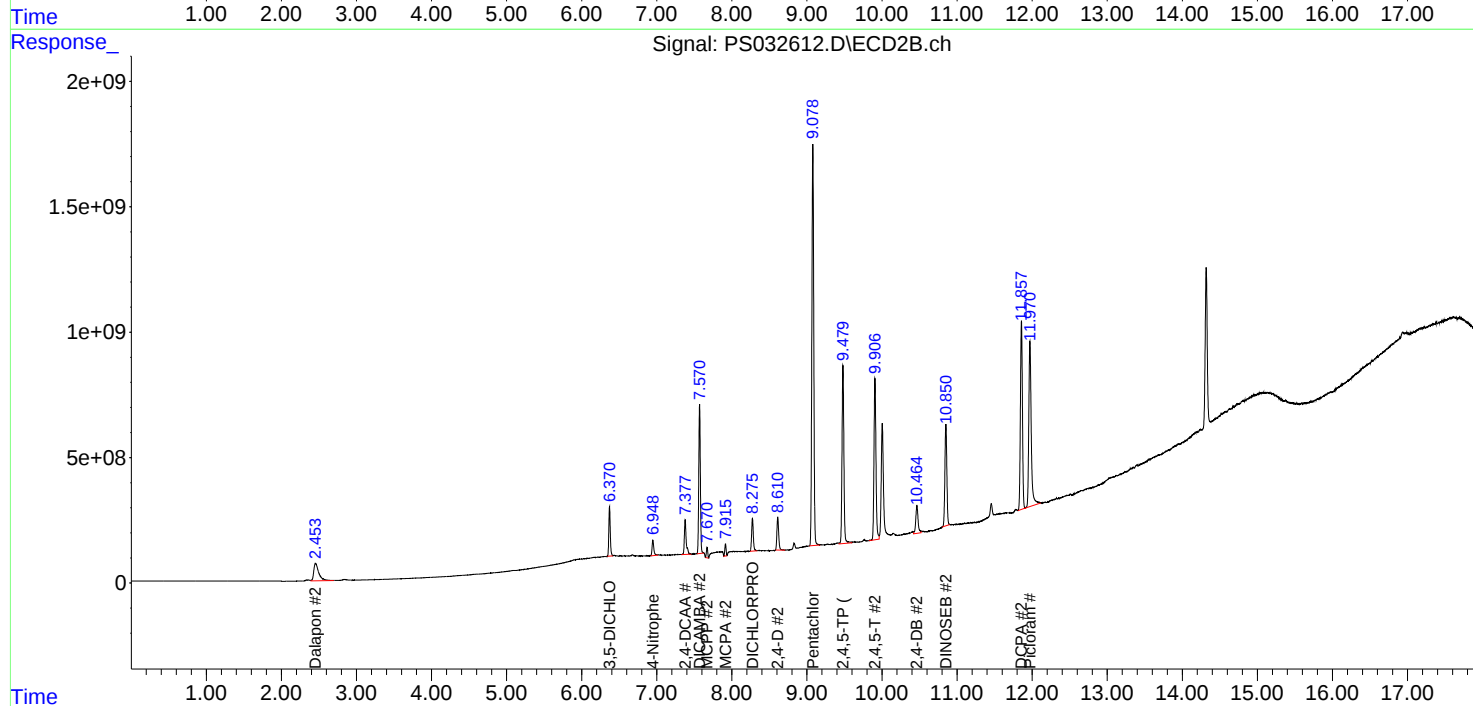
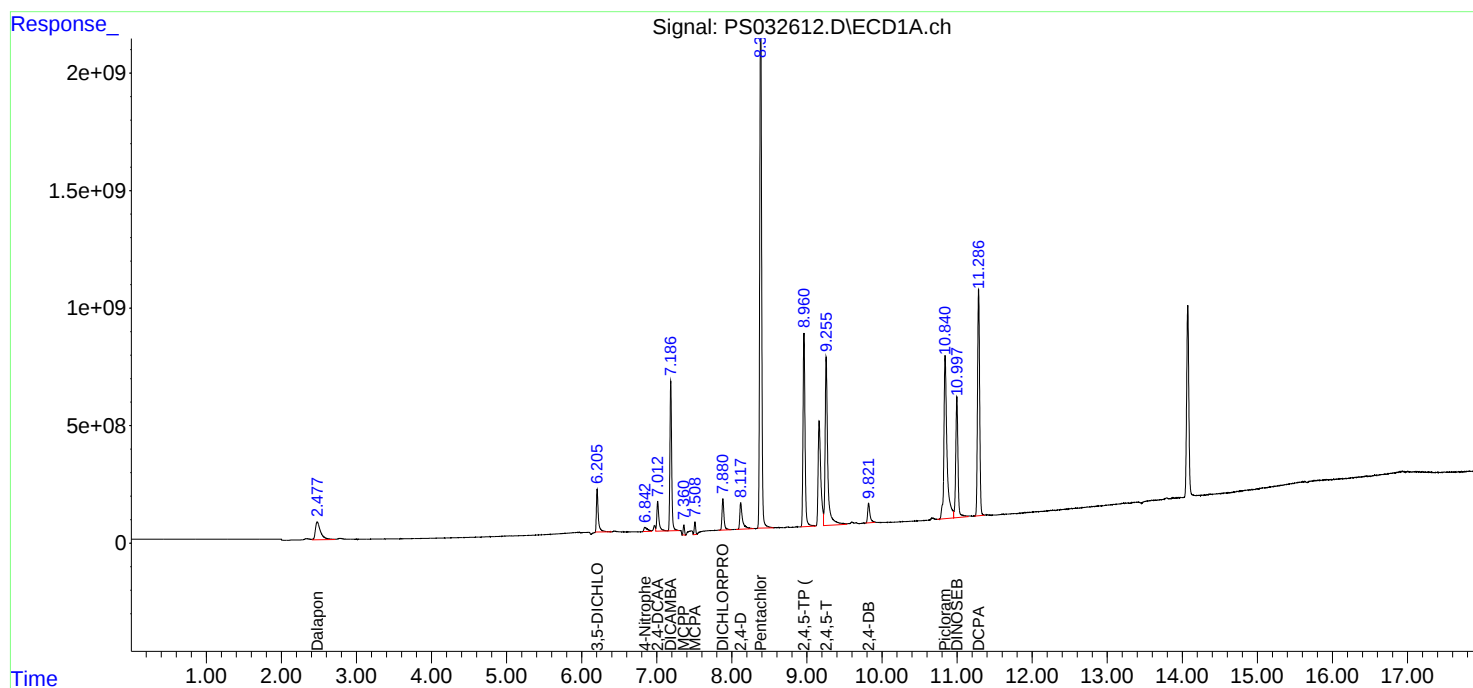
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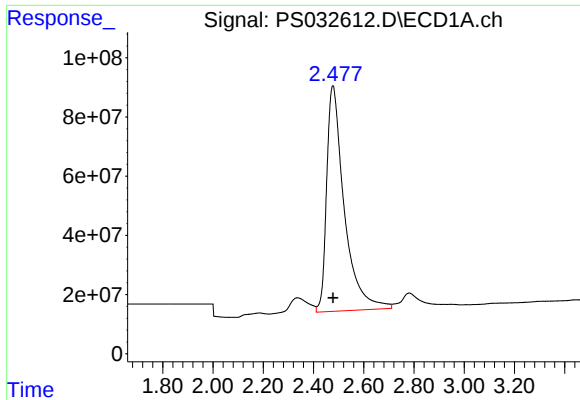
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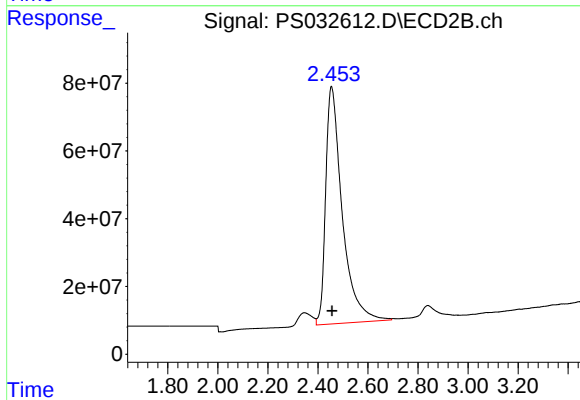
#1 Dalapon

R.T.: 2.477 min
Delta R.T.: 0.000 min
Response: 3709982237
Conc: 438.14 ng/ml

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ECD_S
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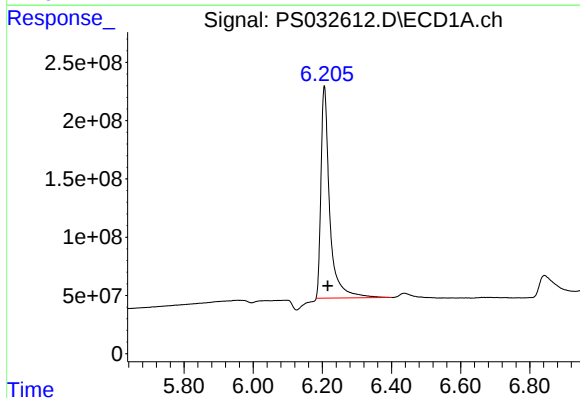
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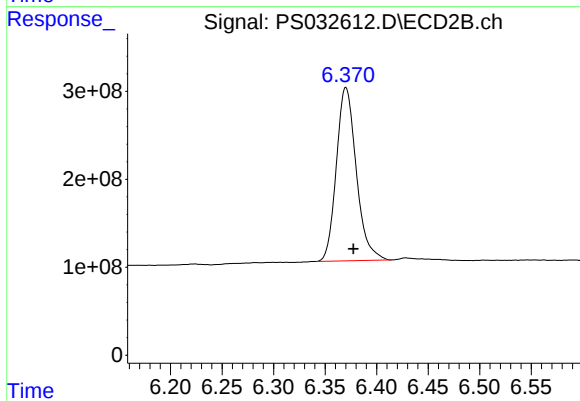
#1 Dalapon

R.T.: 2.454 min
Delta R.T.: -0.003 min
Response: 3224378346
Conc: 441.76 ng/ml



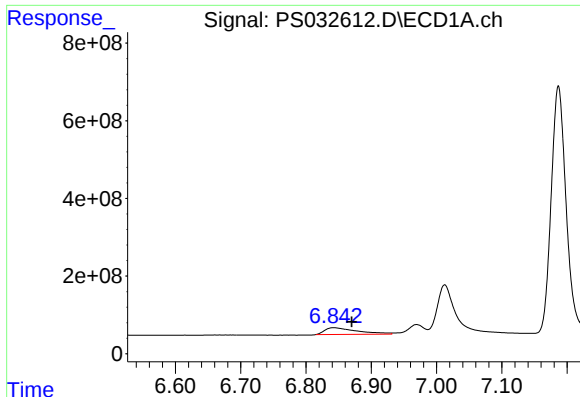
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.206 min
Delta R.T.: -0.010 min
Response: 3211973953
Conc: 433.05 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.370 min
Delta R.T.: -0.007 min
Response: 2654386194
Conc: 434.53 ng/ml



#3 4-Nitrophenol

R.T.: 6.843 min
Delta R.T.: -0.027 min
Response: 599136779
Conc: 477.55 ng/ml

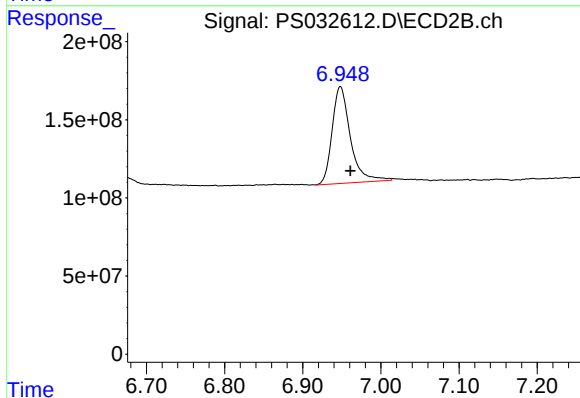
Instrument :

ECD_S

ClientSampleId :
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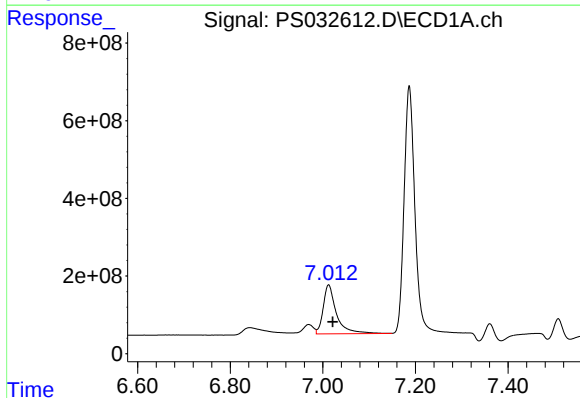
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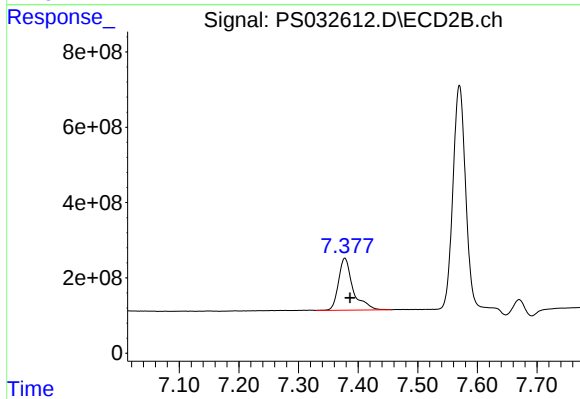
#3 4-Nitrophenol

R.T.: 6.948 min
Delta R.T.: -0.013 min
Response: 1007756566
Conc: 421.85 ng/ml m



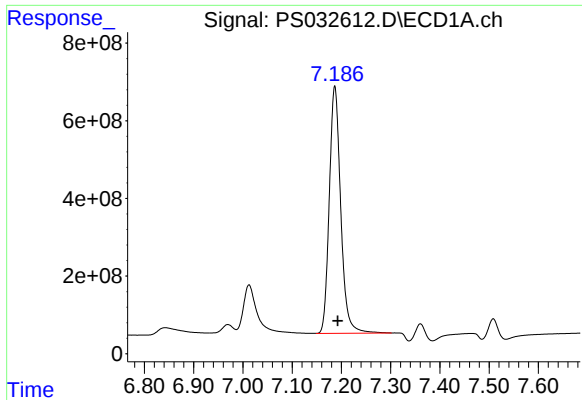
#4 2,4-DCAA

R.T.: 7.013 min
Delta R.T.: -0.009 min
Response: 2506350520
Conc: 453.75 ng/ml



#4 2,4-DCAA

R.T.: 7.378 min
Delta R.T.: -0.009 min
Response: 2341611714
Conc: 436.77 ng/ml



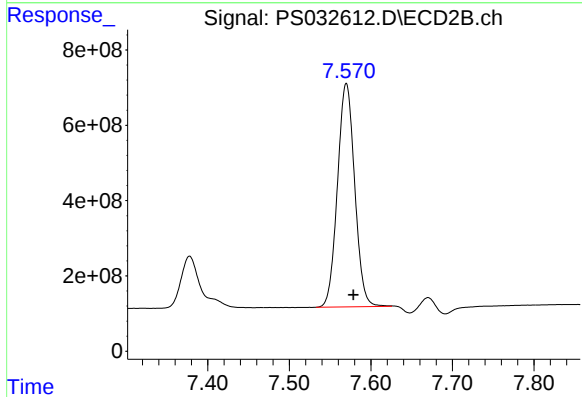
#5 DICAMBA

R.T.: 7.187 min
Delta R.T.: -0.006 min
Response: 10274773943
Conc: 462.45 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB170818BS

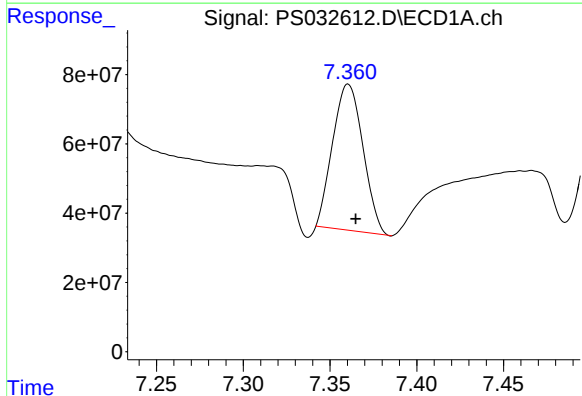
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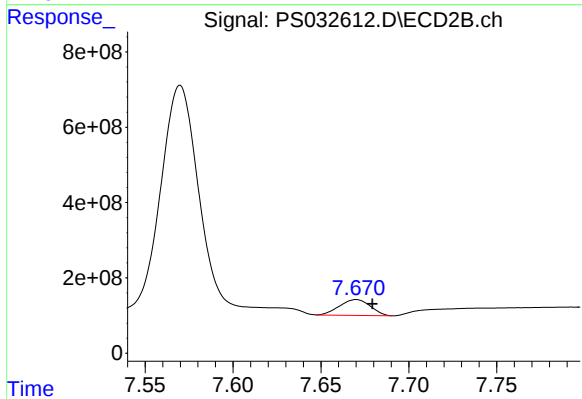
#5 DICAMBA

R.T.: 7.570 min
Delta R.T.: -0.009 min
Response: 8701565060
Conc: 438.59 ng/ml m



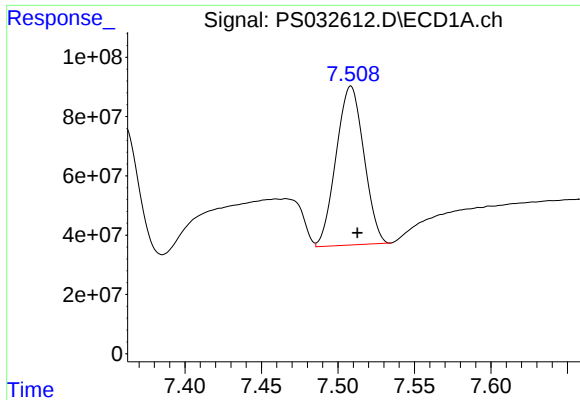
#6 MCP

R.T.: 7.360 min
Delta R.T.: -0.004 min
Response: 512177888
Conc: 40.62 ug/ml



#6 MCP

R.T.: 7.670 min
Delta R.T.: -0.010 min
Response: 514467659
Conc: 38.38 ug/ml m



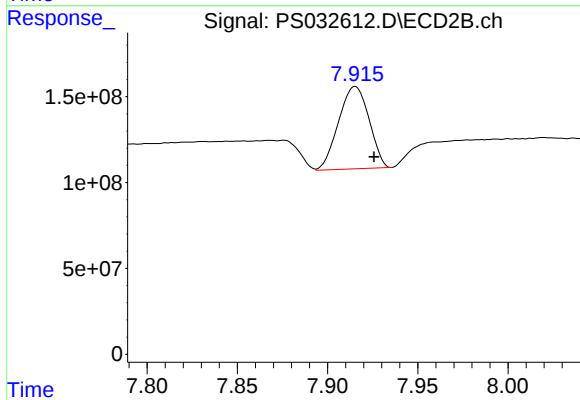
#7 MCPA

R.T.: 7.508 min
Delta R.T.: -0.004 min
Response: 676665052
Conc: 41.85 ug/ml

Instrument :
ECD_S
ClientSampleId :
PB170818BS

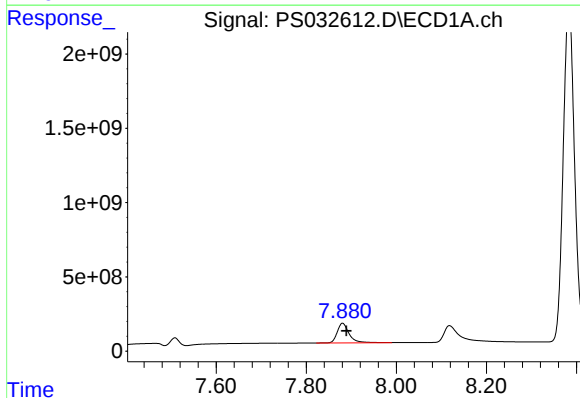
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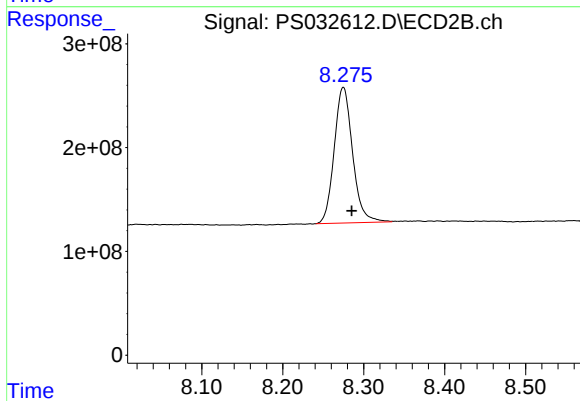
#7 MCPA

R.T.: 7.915 min
Delta R.T.: -0.011 min
Response: 563770922
Conc: 33.95 ug/ml



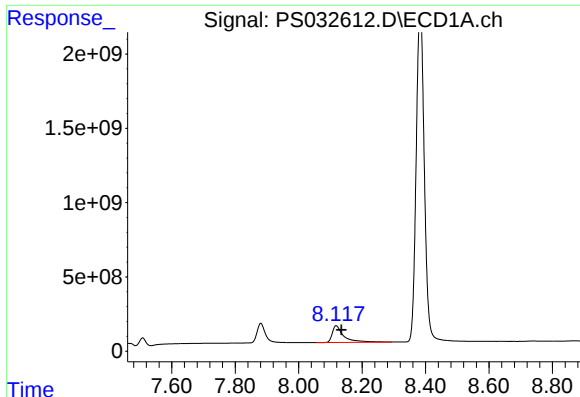
#8 DICHLORPROP

R.T.: 7.881 min
Delta R.T.: -0.009 min
Response: 2424362612
Conc: 449.81 ng/ml



#8 DICHLORPROP

R.T.: 8.275 min
Delta R.T.: -0.011 min
Response: 2062042891
Conc: 415.08 ng/ml



#9 2,4-D

R.T.: 8.118 min
Delta R.T.: -0.016 min
Response: 2831548472
Conc: 463.76 ng/ml

Instrument :

ECD_S

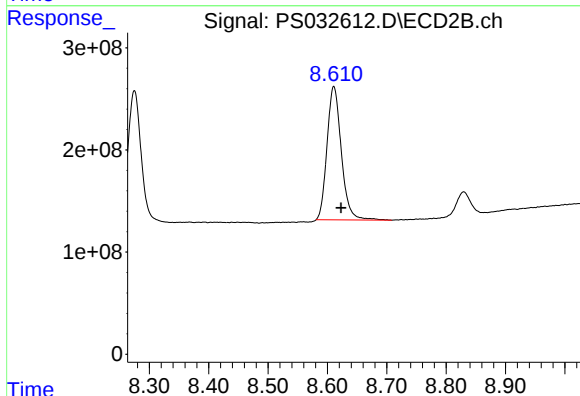
ClientSampleId :

PB170818BS

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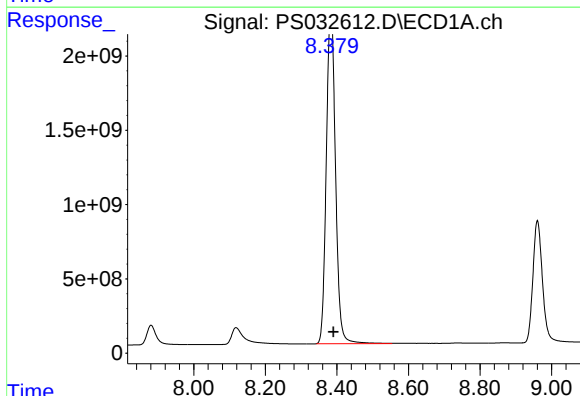
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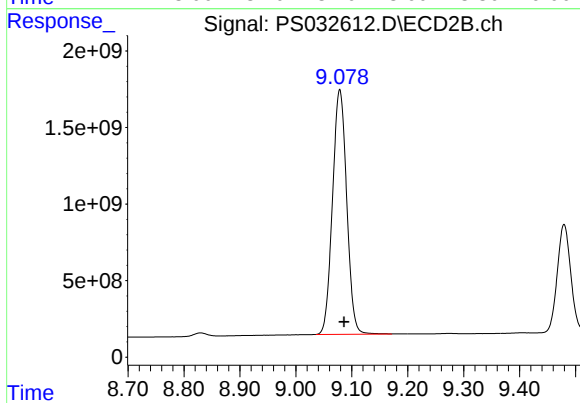
#9 2,4-D

R.T.: 8.611 min
Delta R.T.: -0.012 min
Response: 2188477743
Conc: 389.66 ng/ml



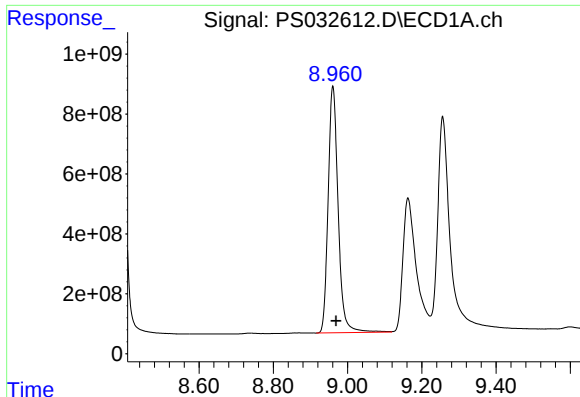
#10 Pentachlorophenol

R.T.: 8.383 min
Delta R.T.: -0.007 min
Response: 39354632261
Conc: 536.73 ng/ml



#10 Pentachlorophenol

R.T.: 9.079 min
Delta R.T.: -0.008 min
Response: 28153364784
Conc: 460.79 ng/ml



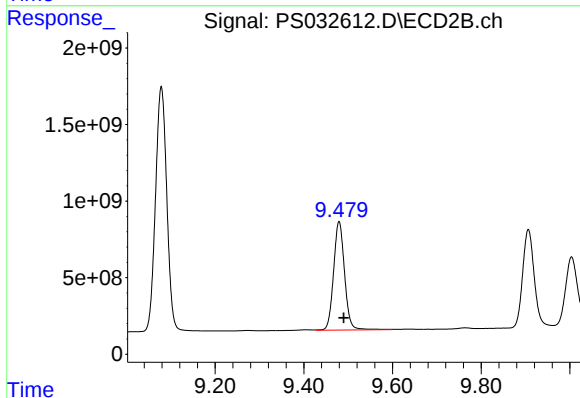
#11 2,4,5-TP (SILVEX)

R.T.: 8.960 min
Delta R.T.: -0.008 min
Response: 15401452927
Conc: 460.92 ng/ml

Instrument :
ECD_S
ClientSampleId :
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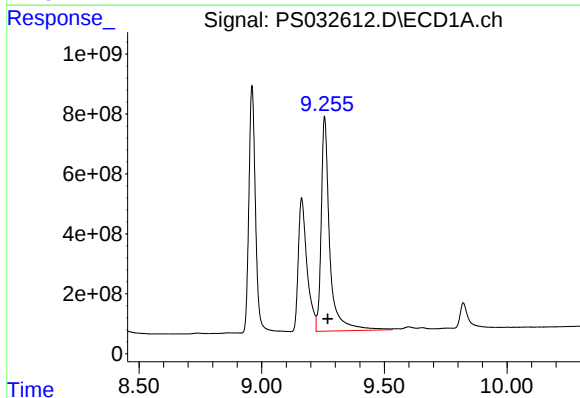
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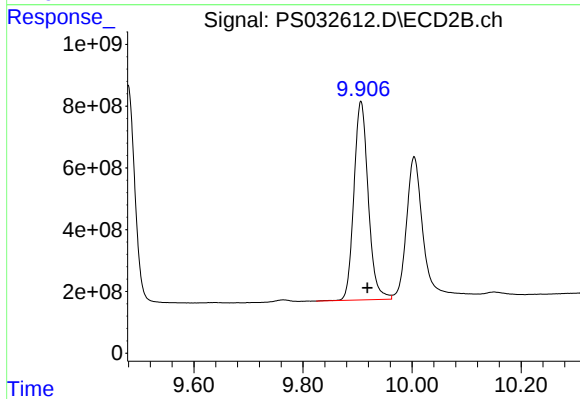
#11 2,4,5-TP (SILVEX)

R.T.: 9.479 min
Delta R.T.: -0.011 min
Response: 12226870864
Conc: 426.19 ng/ml



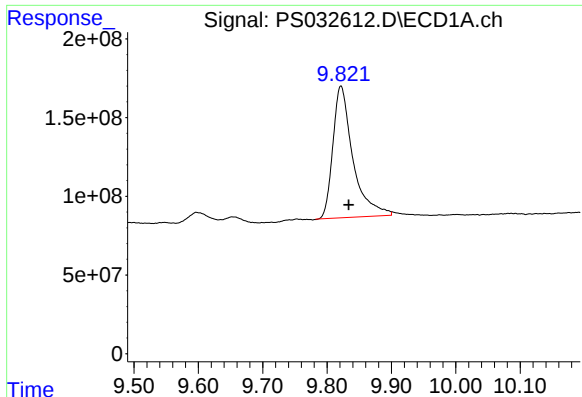
#12 2,4,5-T

R.T.: 9.256 min
Delta R.T.: -0.013 min
Response: 17384238089
Conc: 413.50 ng/ml



#12 2,4,5-T

R.T.: 9.906 min
Delta R.T.: -0.012 min
Response: 11722336620
Conc: 419.76 ng/ml



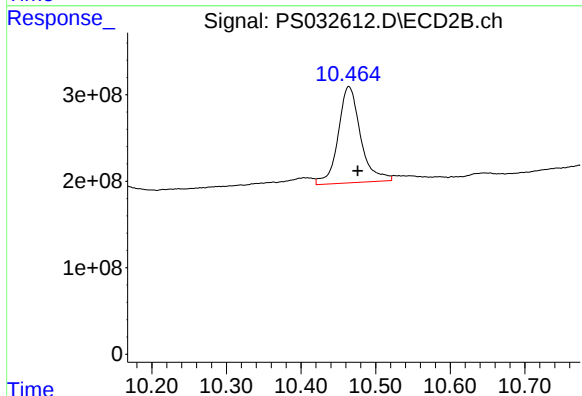
#13 2,4-DB

R.T.: 9.821 min
Delta R.T.: -0.012 min
Response: 1807325825
Conc: 579.44 ng/ml

Instrument :
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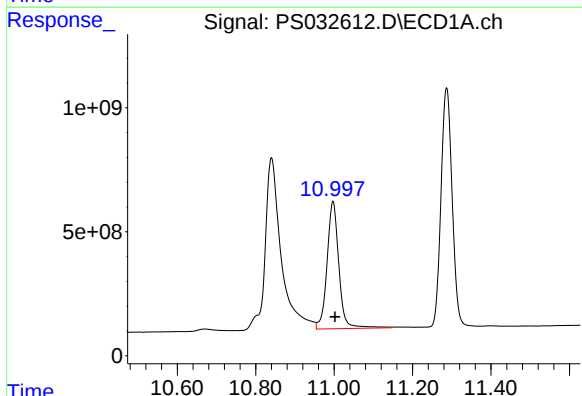
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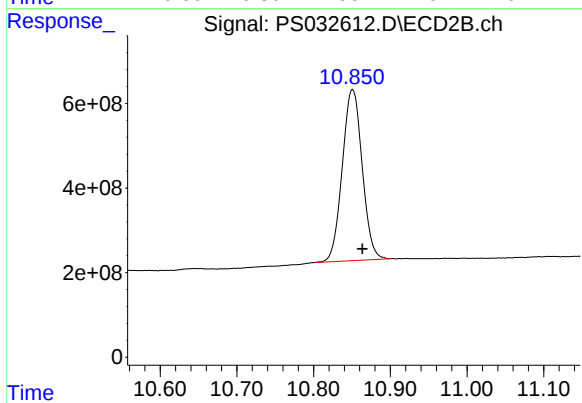
#13 2,4-DB

R.T.: 10.464 min
Delta R.T.: -0.012 min
Response: 2317532352
Conc: 568.92 ng/ml



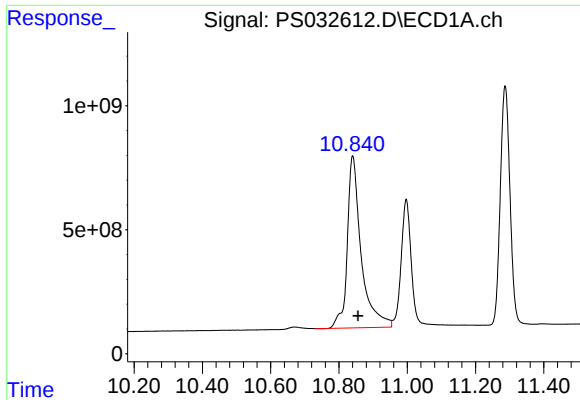
#14 DINOSEB

R.T.: 10.997 min
Delta R.T.: -0.006 min
Response: 10773266625
Conc: 390.67 ng/ml



#14 DINOSEB

R.T.: 10.850 min
Delta R.T.: -0.013 min
Response: 7330156072
Conc: 405.33 ng/ml m



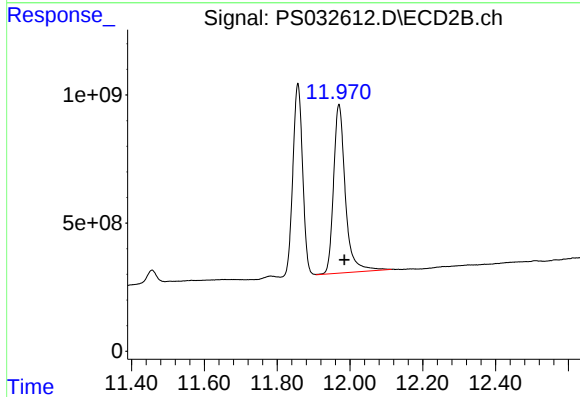
#15 Picloram

R.T.: 10.840 min
Delta R.T.: -0.016 min
Response: 19692726217
Conc: 500.52 ng/ml

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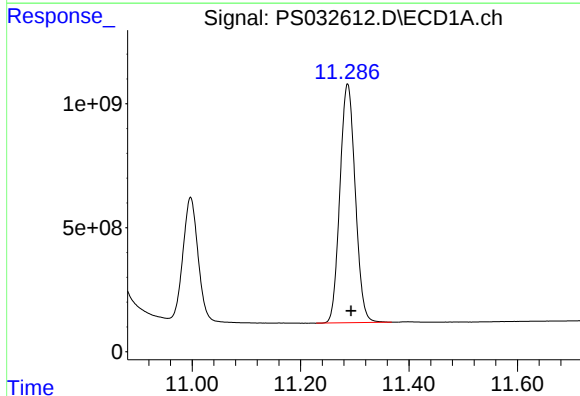
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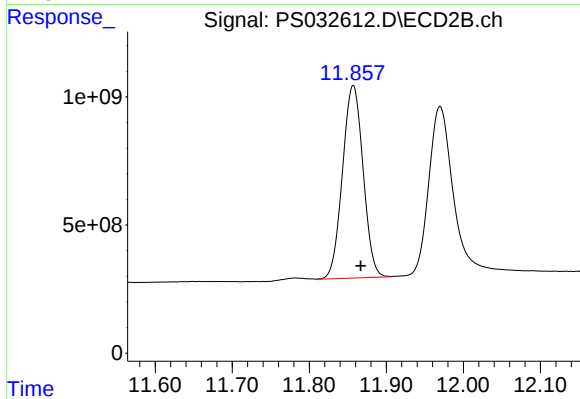
#15 Picloram

R.T.: 11.970 min
Delta R.T.: -0.015 min
Response: 14779028624
Conc: 410.57 ng/ml



#16 DCPA

R.T.: 11.287 min
Delta R.T.: -0.006 min
Response: 18910833486
Conc: 471.98 ng/ml



#16 DCPA

R.T.: 11.857 min
Delta R.T.: -0.010 min
Response: 13916473719
Conc: 409.04 ng/ml