

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS072325\
 Data File : PS031199.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Jul 2025 18:02
 Operator : AR\AJ
 Sample : PB168973BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PB168973BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/24/2025
 Supervised By :mohammad ahmed 08/01/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 24 01:22:38 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072125.M
 Quant Title : 8080.M
 QLast Update : Tue Jul 22 03:18:42 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	7.321	7.764	2293.5E6	523.0E6	527.457	515.324
Target Compounds							
1) T	Dalapon	2.689	2.705	2797.6E6	1286.5E6	445.977	453.522
2) T	3,5-DICHL...	6.484	6.712	2706.0E6	729.7E6	489.972	473.864
3) T	4-Nitroph...	7.120	7.297	887.7E6	827.6E6	538.383	457.422
5) T	DICAMBA	7.510	7.966	8130.7E6	3131.1E6	492.860	485.187
6) T	MCPD	7.690	8.064	478.7E6	97535426	47.825	46.942
7) T	MCPA	7.839	8.313	605.8E6	145.4E6	48.405	46.082
8) T	DICHLORPROP	8.221	8.686	1897.7E6	722.2E6	496.520	476.757
9) T	2,4-D	8.453	9.022	1955.5E6	818.6E6	523.584	481.981
10) T	Pentachlo...	8.758	9.546	29978.7E6	19845.3E6	548.844	507.796
11) T	2,4,5-TP ...	9.337	9.927	11337.5E6	7355.7E6	516.430	493.866
12) T	2,4,5-T	9.631	10.353	10643.2E6	7017.5E6	545.028	493.513
13) T	2,4-DB	10.207	10.921	1716.7E6	566.7E6	574.179	484.106
14) T	DINOSEB	11.421	11.305	7588.3E6	5242.8E6	487.381m	463.879
15) T	Picloram	11.231	12.415	11182.0E6	11790.2E6	558.916	473.595
16) T	DCPA	11.718	12.349	14814.0E6	11471.0E6	516.283	497.961m

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

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Operator : AR\AJ
Sample : PB168973BS
Misc :
ALS Vial : 20 Sample Multiplier: 1

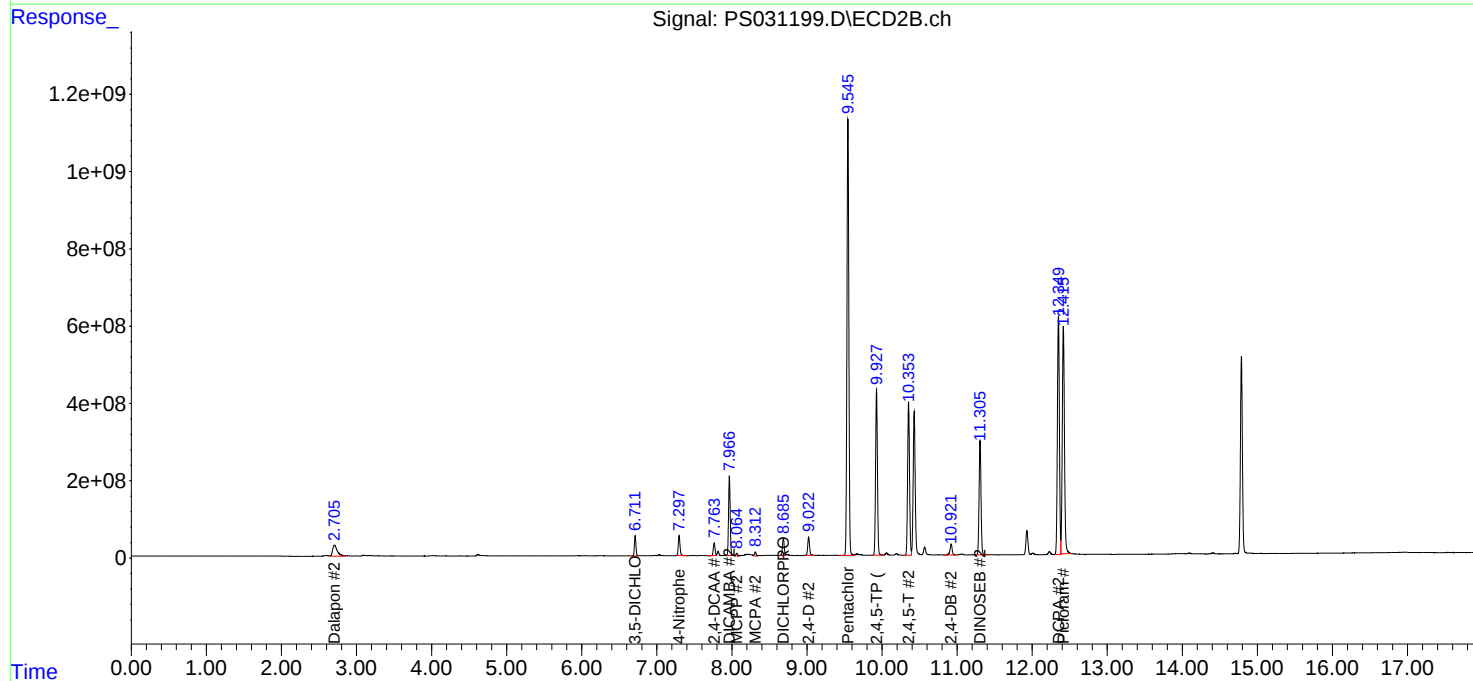
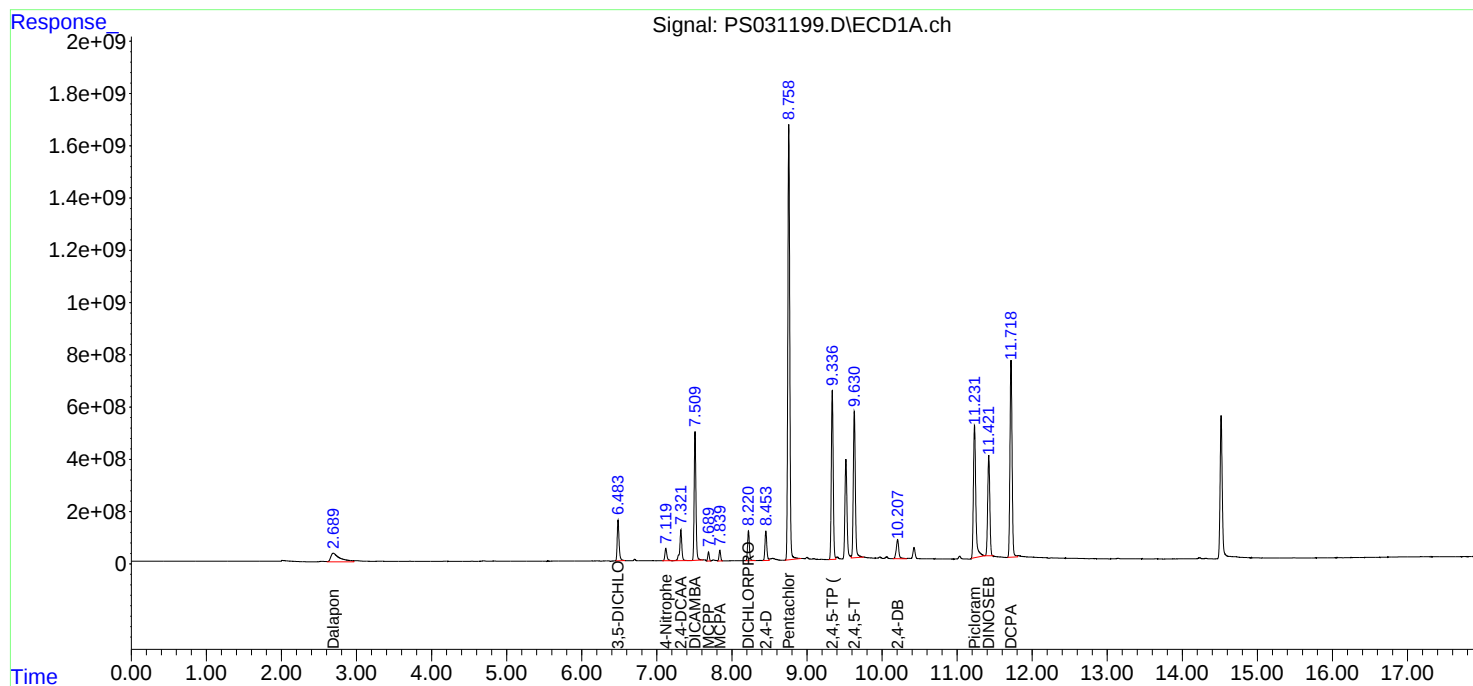
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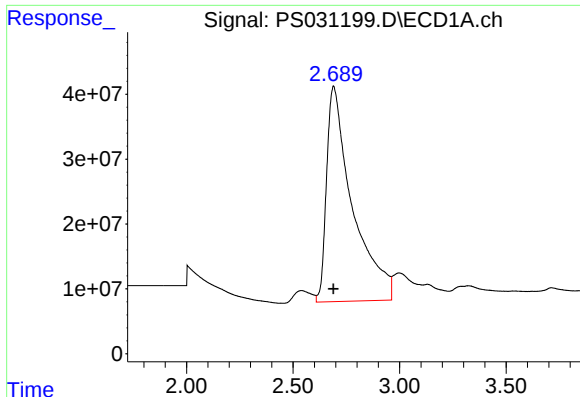
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Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





#1 Dalapon

R.T.: 2.689 min
Delta R.T.: 0.000 min
Response: 2797568871
Conc: 445.98 ng/ml

Instrument :

ECD_S

ClientSampleId :

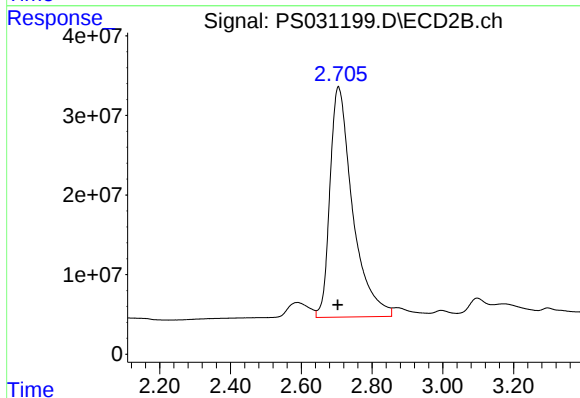
PB168973BS

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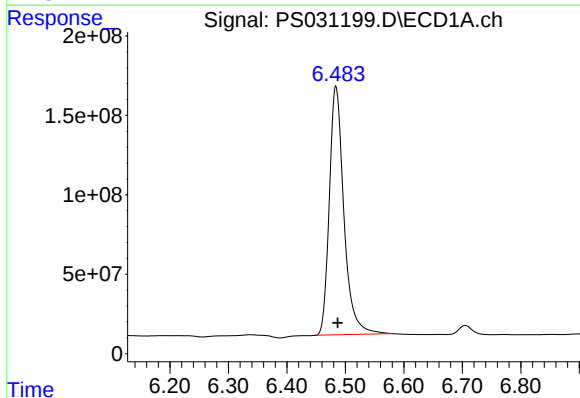
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Supervised By :mohammad ahmed 08/01/2025



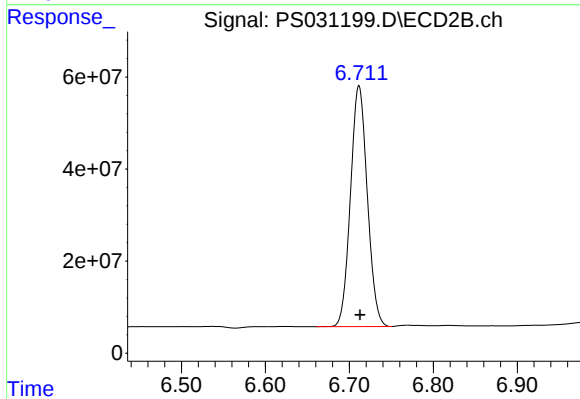
#1 Dalapon

R.T.: 2.705 min
Delta R.T.: 0.001 min
Response: 1286522927
Conc: 453.52 ng/ml



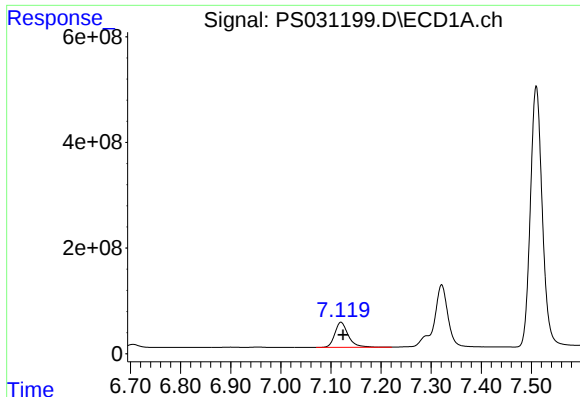
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.484 min
Delta R.T.: -0.003 min
Response: 2705995188
Conc: 489.97 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.712 min
Delta R.T.: -0.001 min
Response: 729700299
Conc: 473.86 ng/ml



#3 4-Nitrophenol

R.T.: 7.120 min
Delta R.T.: -0.004 min
Response: 887678276
Conc: 538.38 ng/ml

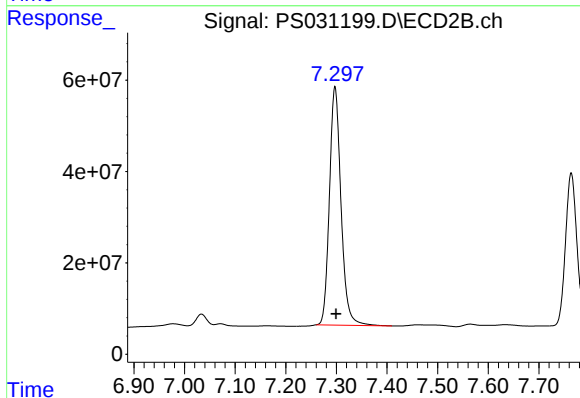
Instrument :

ECD_S

ClientSampleId :
PB168973BS

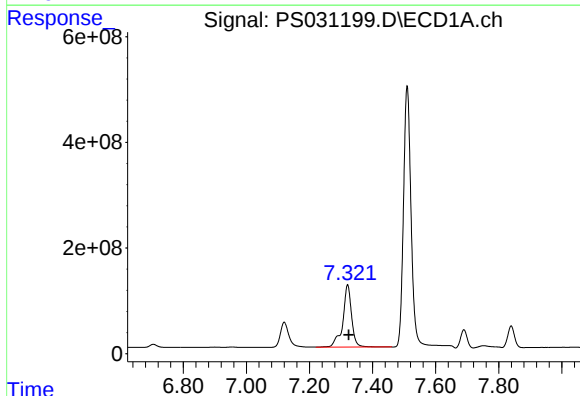
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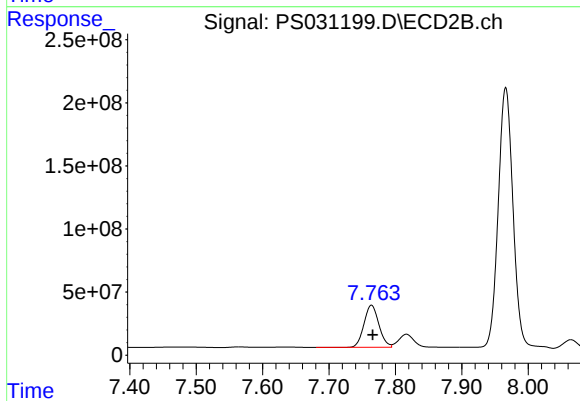
#3 4-Nitrophenol

R.T.: 7.297 min
Delta R.T.: -0.002 min
Response: 827622304
Conc: 457.42 ng/ml



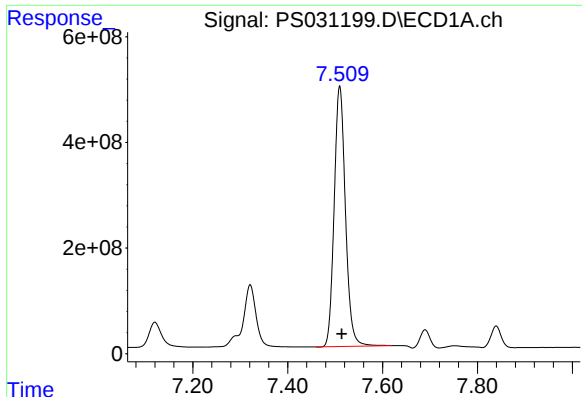
#4 2,4-DCAA

R.T.: 7.321 min
Delta R.T.: -0.004 min
Response: 2293516011
Conc: 527.46 ng/ml



#4 2,4-DCAA

R.T.: 7.764 min
Delta R.T.: -0.002 min
Response: 523037464
Conc: 515.32 ng/ml



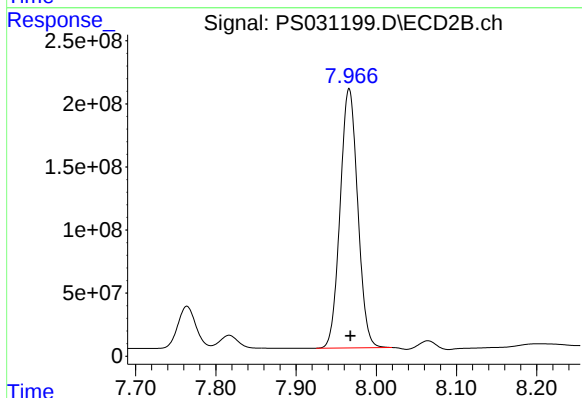
#5 DICAMBA

R.T.: 7.510 min
Delta R.T.: -0.004 min
Response: 8130690542
Conc: 492.86 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168973BS

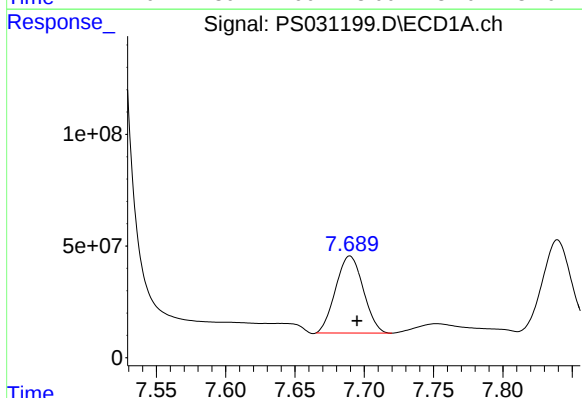
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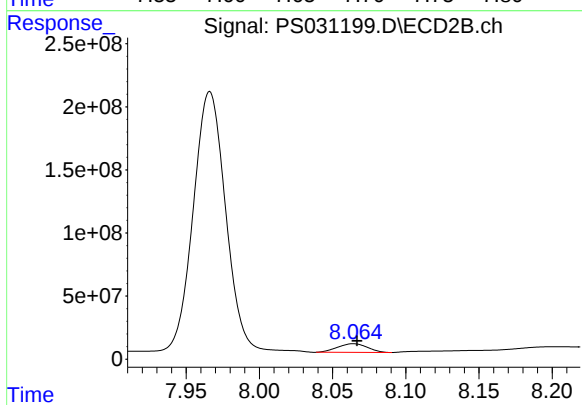
#5 DICAMBA

R.T.: 7.966 min
Delta R.T.: -0.002 min
Response: 3131089710
Conc: 485.19 ng/ml



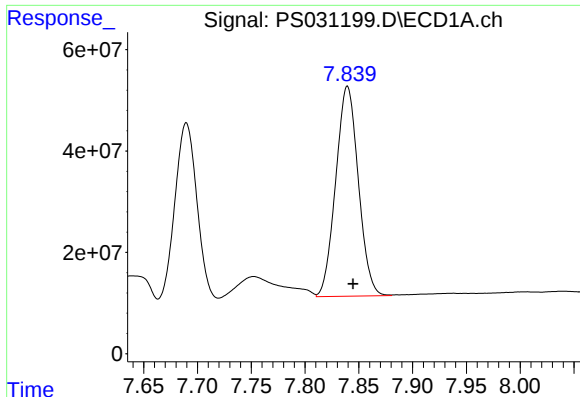
#6 MCP

R.T.: 7.690 min
Delta R.T.: -0.005 min
Response: 478728790
Conc: 47.82 ug/ml



#6 MCP

R.T.: 8.064 min
Delta R.T.: -0.002 min
Response: 97535426
Conc: 46.94 ug/ml



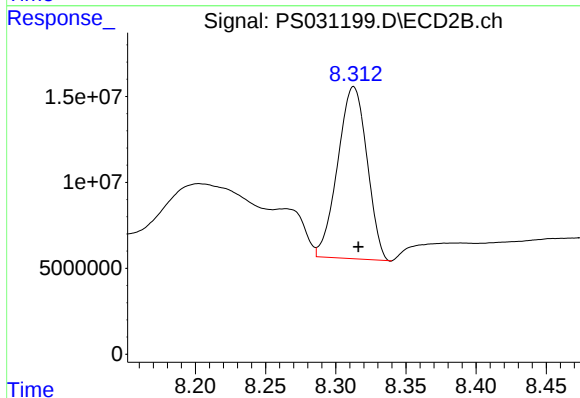
#7 MCPA

R.T.: 7.839 min
Delta R.T.: -0.005 min
Response: 605753547
Conc: 48.41 ug/ml

Instrument :
ECD_S
ClientSampleId :
PB168973BS

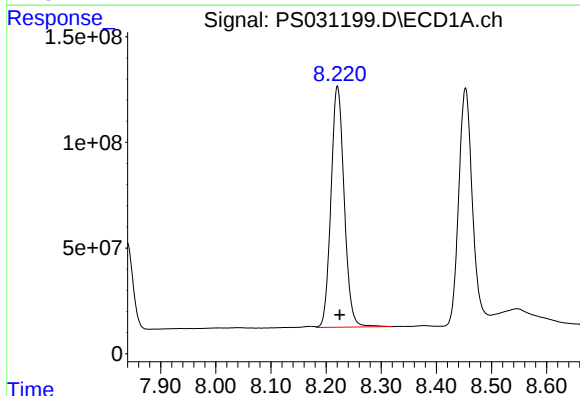
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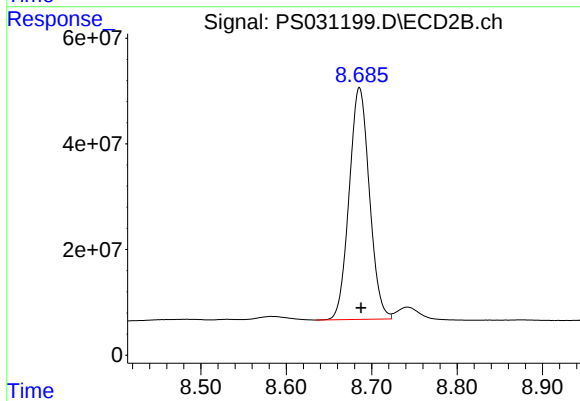
#7 MCPA

R.T.: 8.313 min
Delta R.T.: -0.004 min
Response: 145399768
Conc: 46.08 ug/ml



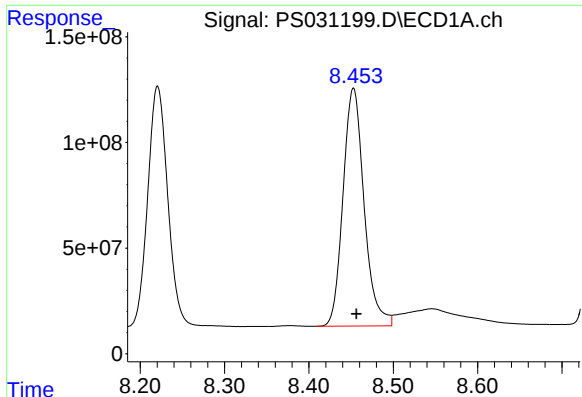
#8 DICHLORPROP

R.T.: 8.221 min
Delta R.T.: -0.004 min
Response: 1897678933
Conc: 496.52 ng/ml



#8 DICHLORPROP

R.T.: 8.686 min
Delta R.T.: -0.002 min
Response: 722220245
Conc: 476.76 ng/ml



#9 2,4-D

R.T.: 8.453 min
Delta R.T.: -0.003 min
Response: 1955544266
Conc: 523.58 ng/ml

Instrument :

ECD_S

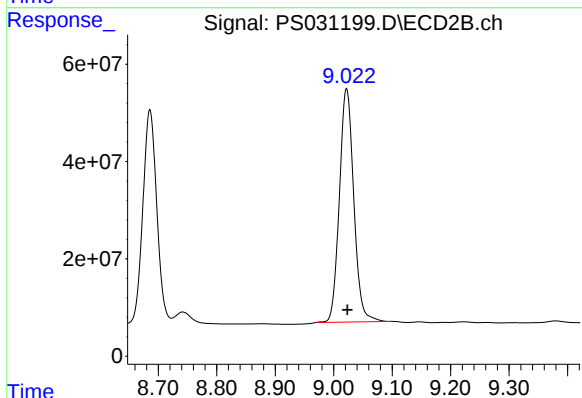
ClientSampleId :

PB168973BS

Manual Integrations

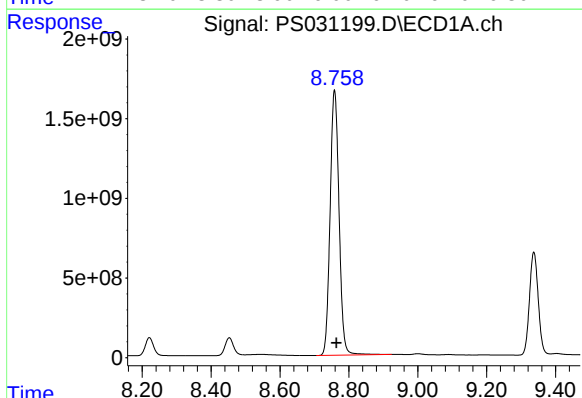
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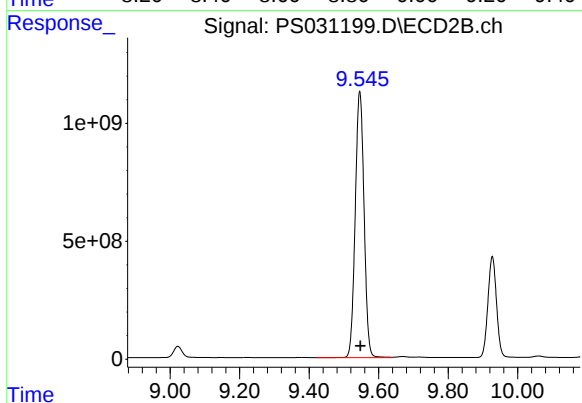
#9 2,4-D

R.T.: 9.022 min
Delta R.T.: -0.002 min
Response: 818557052
Conc: 481.98 ng/ml



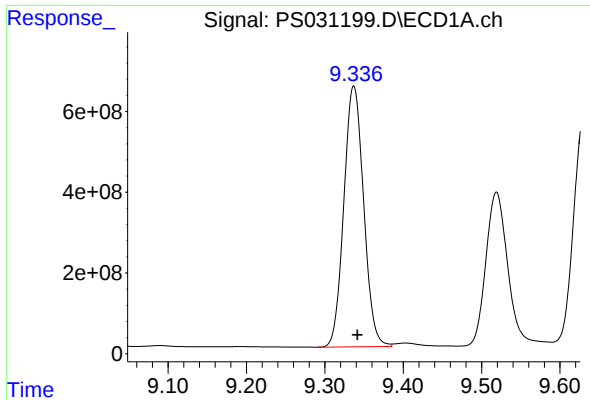
#10 Pentachlorophenol

R.T.: 8.758 min
Delta R.T.: -0.005 min
Response: 29978726744
Conc: 548.84 ng/ml



#10 Pentachlorophenol

R.T.: 9.546 min
Delta R.T.: -0.002 min
Response: 19845259927
Conc: 507.80 ng/ml



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

R.T.: 9.337 min
Delta R.T.: -0.005 min
Response: 11337486495
Conc: 516.43 ng/ml

Instrument :

ECD_S

ClientSampleId :

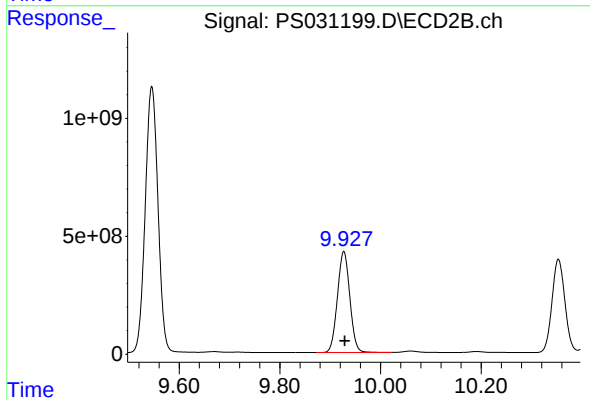
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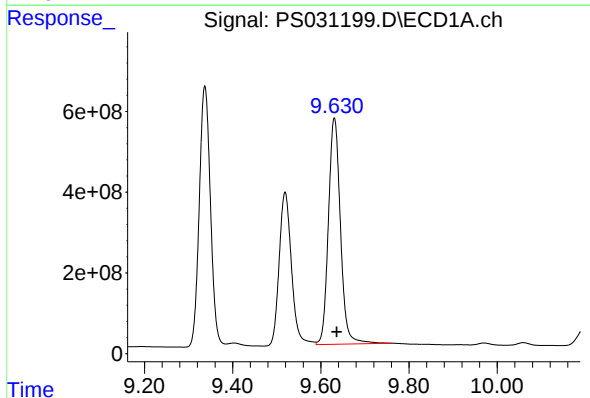
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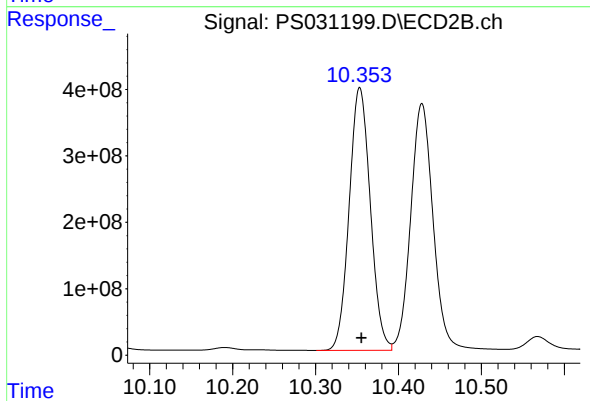
#11 2,4,5-TP (SILVEX)

R.T.: 9.927 min
Delta R.T.: -0.002 min
Response: 7355730600
Conc: 493.87 ng/ml



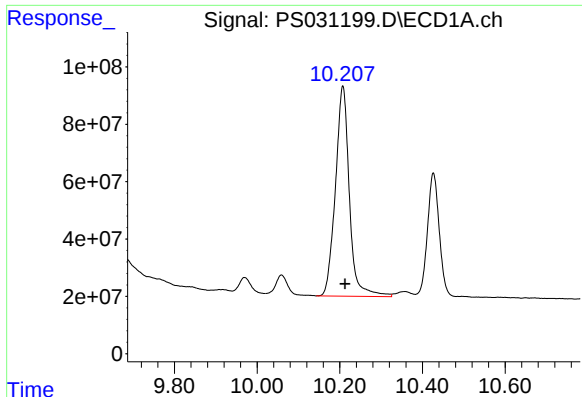
#12 2,4,5-T

R.T.: 9.631 min
Delta R.T.: -0.005 min
Response: 10643198435
Conc: 545.03 ng/ml



#12 2,4,5-T

R.T.: 10.353 min
Delta R.T.: -0.002 min
Response: 7017488102
Conc: 493.51 ng/ml



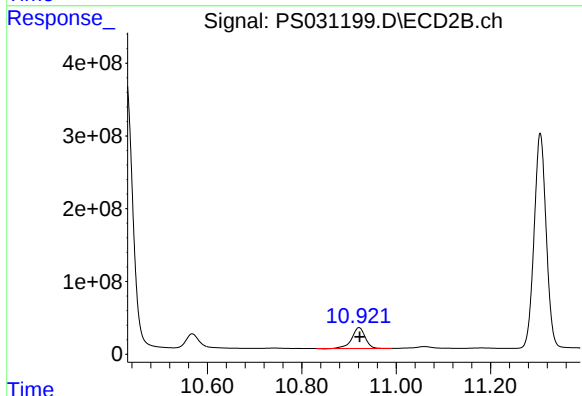
#13 2,4-DB

R.T.: 10.207 min
Delta R.T.: -0.005 min
Response: 1716727834
Conc: 574.18 ng/ml

Instrument :
ECD_S
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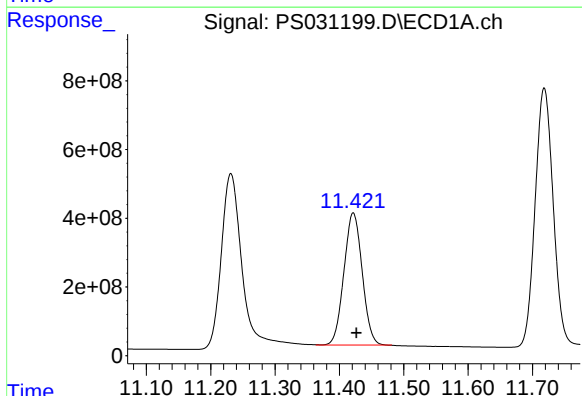
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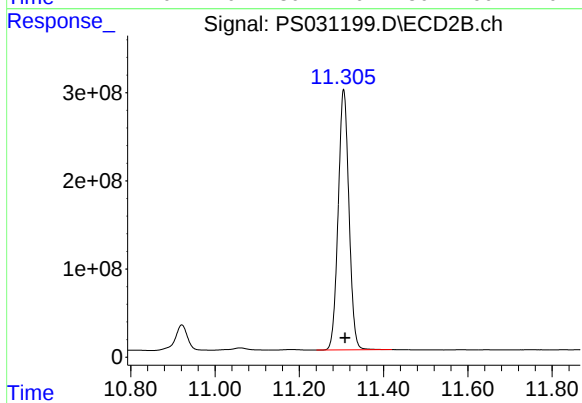
#13 2,4-DB

R.T.: 10.921 min
Delta R.T.: -0.002 min
Response: 566651055
Conc: 484.11 ng/ml



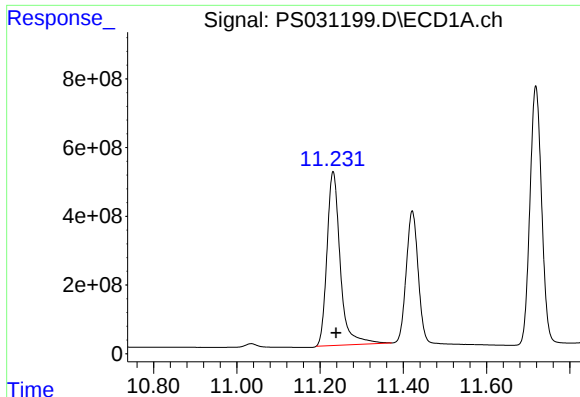
#14 DINOSEB

R.T.: 11.421 min
Delta R.T.: -0.005 min
Response: 7588277842
Conc: 487.38 ng/ml m



#14 DINOSEB

R.T.: 11.305 min
Delta R.T.: -0.003 min
Response: 5242797499
Conc: 463.88 ng/ml



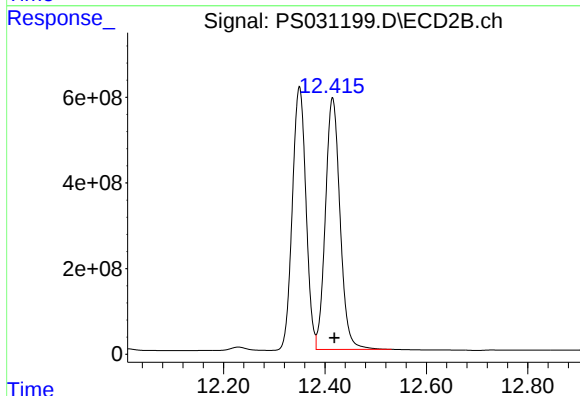
#15 Picloram

R.T.: 11.231 min
Delta R.T.: -0.007 min
Response: 11181992596
Conc: 558.92 ng/ml

Instrument :
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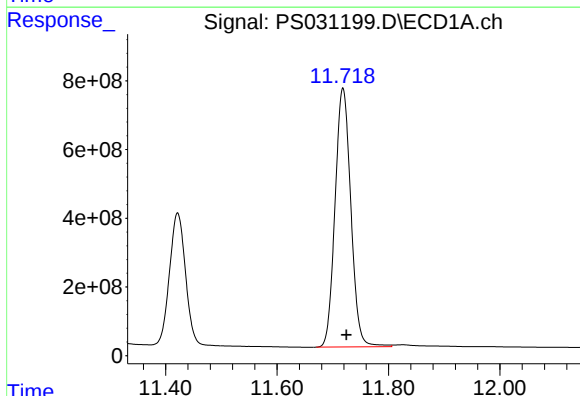
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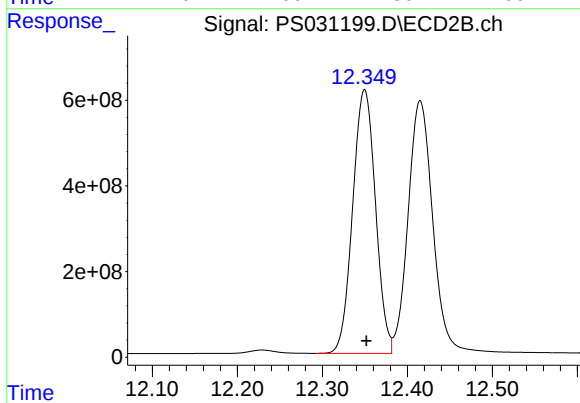
#15 Picloram

R.T.: 12.415 min
Delta R.T.: -0.004 min
Response: 11790165606
Conc: 473.60 ng/ml



#16 DCPA

R.T.: 11.718 min
Delta R.T.: -0.006 min
Response: 14813955584
Conc: 516.28 ng/ml



#16 DCPA

R.T.: 12.349 min
Delta R.T.: -0.002 min
Response: 11471046589
Conc: 497.96 ng/ml m