

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS101425\
 Data File : PS032005.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Oct 2025 17:55
 Operator : AR\AJ
 Sample : PB170083BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PB170083BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/15/2025
 Supervised By :mohammad ahmed 10/24/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 15 03:22:21 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS101325.M
 Quant Title : 8080.M
 QLast Update : Mon Oct 13 12:51:14 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	7.282	7.746	2619.1E6	606.4E6	549.429	551.139
Target Compounds							
1) T	Dalapon	2.658	2.686	3510.8E6	1793.5E6	454.325	477.217
2) T	3,5-DICHL...	6.449	6.698	3573.1E6	1060.7E6	507.622	508.536
3) T	4-Nitroph...	7.100	7.308	751.9E6	859.3E6	563.361	566.293m
5) T	DICAMBA	7.463	7.939	10593.9E6	4400.6E6	505.861	508.105
6) T	MCPD	7.641	8.034	600.8E6	123.7E6	49.130	49.832
7) T	MCPA	7.789	8.282	728.8E6	189.3E6	49.523	50.168
8) T	DICHLORPROP	8.173	8.659	2402.0E6	999.5E6	505.235	510.420
9) T	2,4-D	8.413	9.005	2586.5E6	1043.2E6	532.659	501.959
10) T	Pentachlo...	8.702	9.507	39753.9E6	28637.7E6	592.286	552.597
11) T	2,4,5-TP ...	9.280	9.893	14626.1E6	10463.0E6	517.884	521.198
12) T	2,4,5-T	9.578	10.323	13415.9E6	8939.4E6	531.443	521.407
13) T	2,4-DB	10.155	10.892	1685.2E6	631.3E6	543.542	488.556
14) T	DINOSEB	11.345	11.264	11288.5E6	7708.6E6	506.193	507.042
15) T	Picloram	11.182	12.391	12470.1E6	15112.5E6	528.888	453.937
16) T	DCPA	11.645	12.304	19335.0E6	17552.3E6	526.263	528.499

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

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Acq On : 14 Oct 2025 17:55
Operator : AR\AJ
Sample : PB170083BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

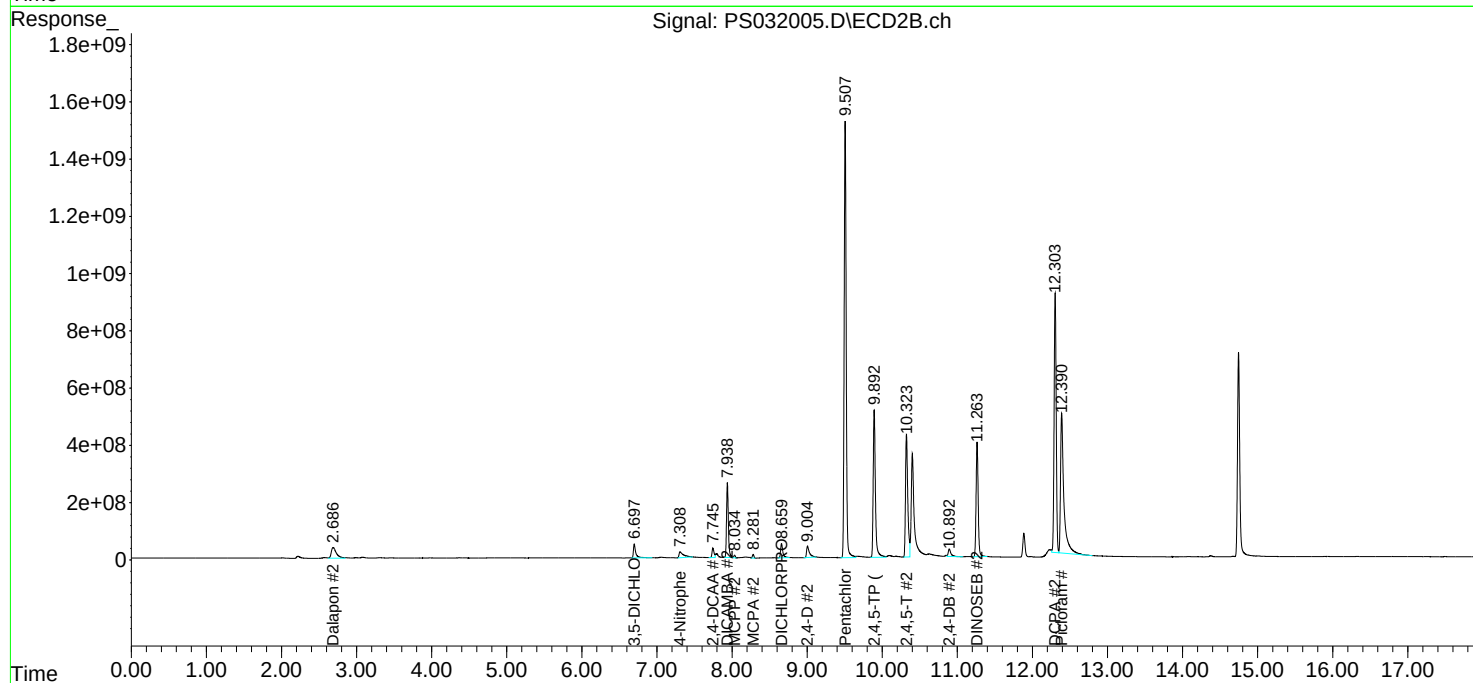
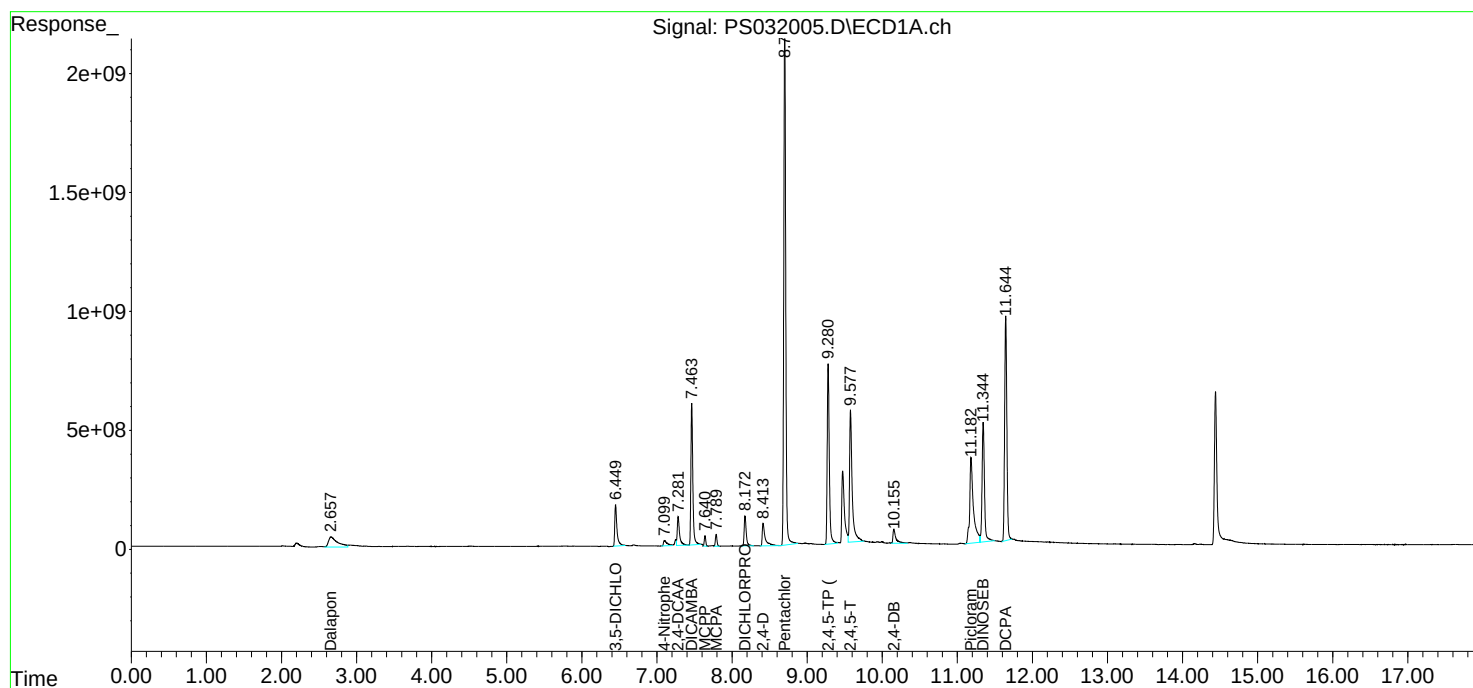
Instrument :
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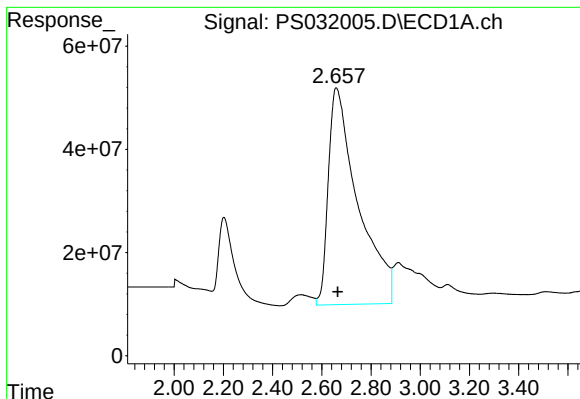
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Quant Title : 8080.M
QLast Update : Mon Oct 13 12:51:14 2025
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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





#1 Dalapon

R.T.: 2.658 min
Delta R.T.: -0.007 min
Response: 3510806009
Conc: 454.32 ng/ml

Instrument :

ECD_S

ClientSampleId :

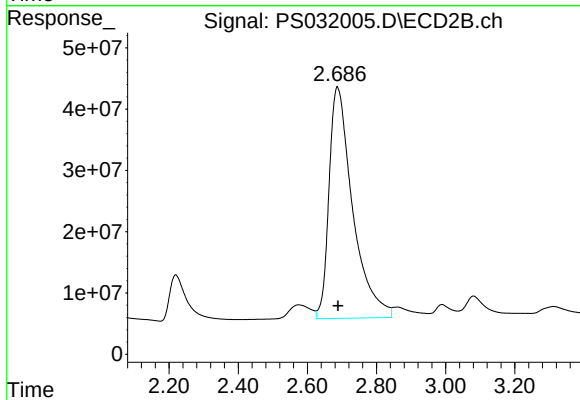
PB170083BS

Manual Integrations

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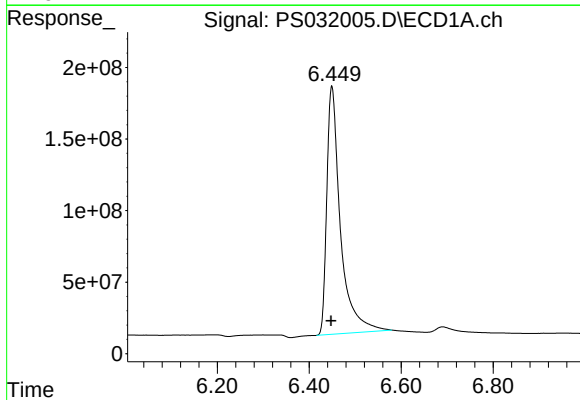
Reviewed By :Abdul Mirza 10/15/2025

Supervised By :mohammad ahmed 10/24/2025



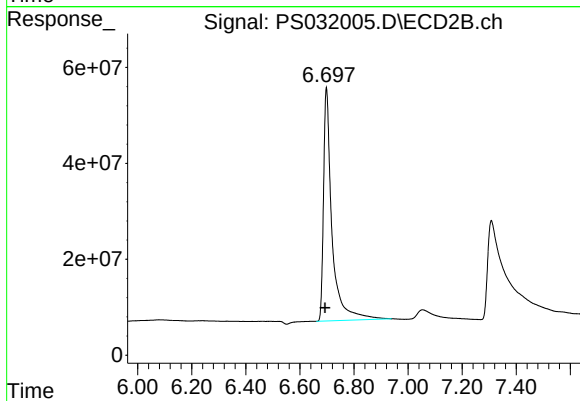
#1 Dalapon

R.T.: 2.686 min
Delta R.T.: -0.003 min
Response: 1793511620
Conc: 477.22 ng/ml



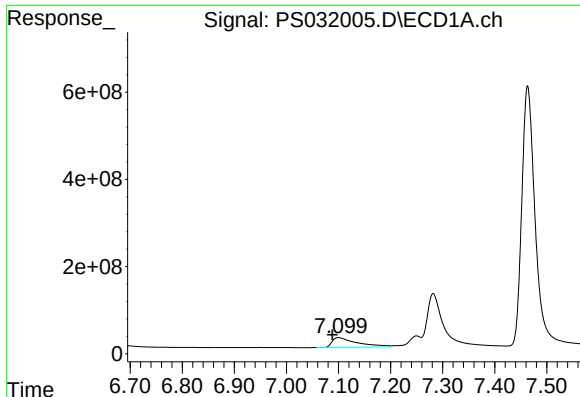
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.449 min
Delta R.T.: 0.002 min
Response: 3573081233
Conc: 507.62 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.698 min
Delta R.T.: 0.004 min
Response: 1060746323
Conc: 508.54 ng/ml



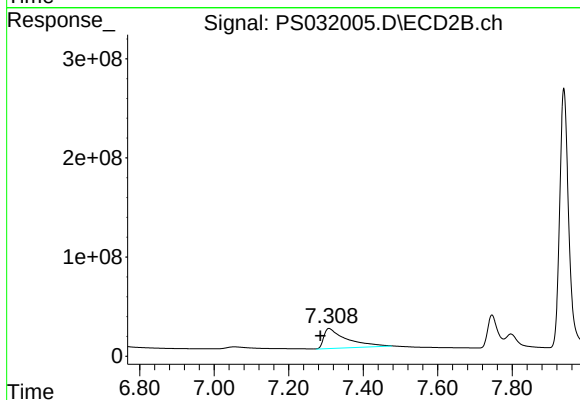
#3 4-Nitrophenol

R.T.: 7.100 min
Delta R.T.: 0.012 min
Response: 751909163
Conc: 563.36 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB170083BS

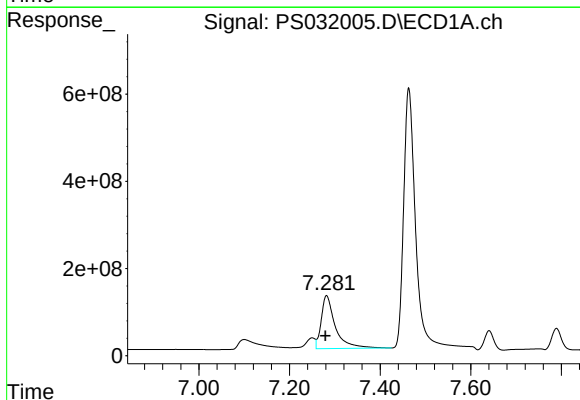
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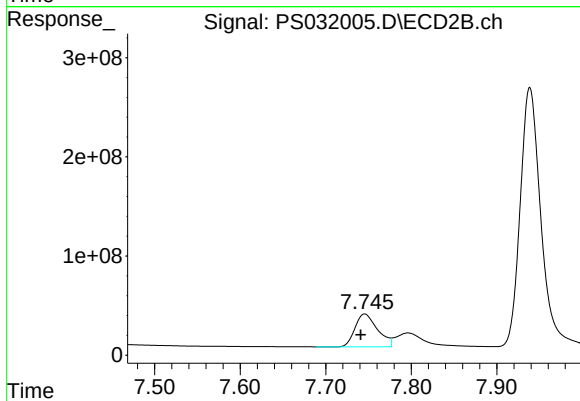
#3 4-Nitrophenol

R.T.: 7.308 min
Delta R.T.: 0.022 min
Response: 859299727
Conc: 566.29 ng/ml m



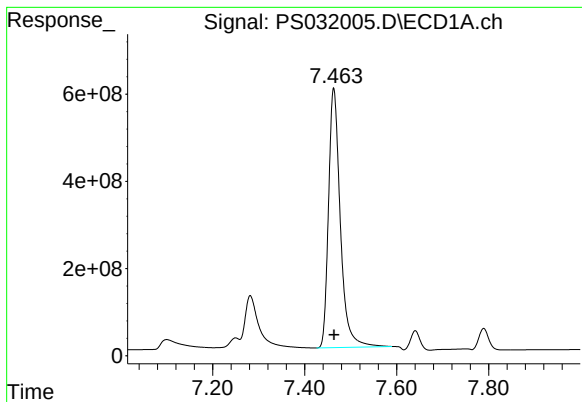
#4 2,4-DCAA

R.T.: 7.282 min
Delta R.T.: 0.002 min
Response: 2619145741
Conc: 549.43 ng/ml



#4 2,4-DCAA

R.T.: 7.746 min
Delta R.T.: 0.005 min
Response: 606440312
Conc: 551.14 ng/ml



#5 DICAMBA

R.T.: 7.463 min
Delta R.T.: 0.000 min
Response: 10593934866
Conc: 505.86 ng/ml

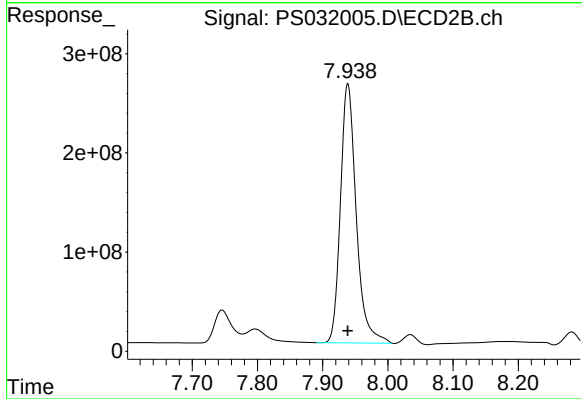
Instrument :

ECD_S

ClientSampleId :
PB170083BS

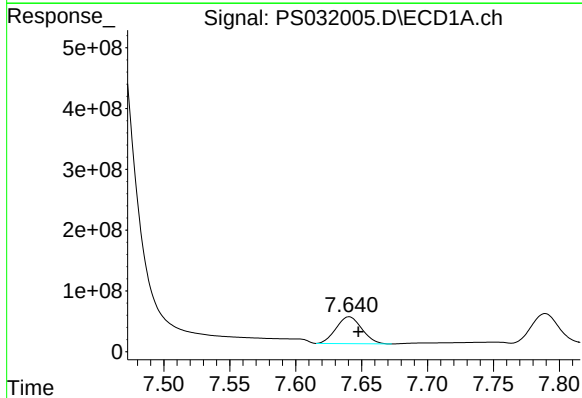
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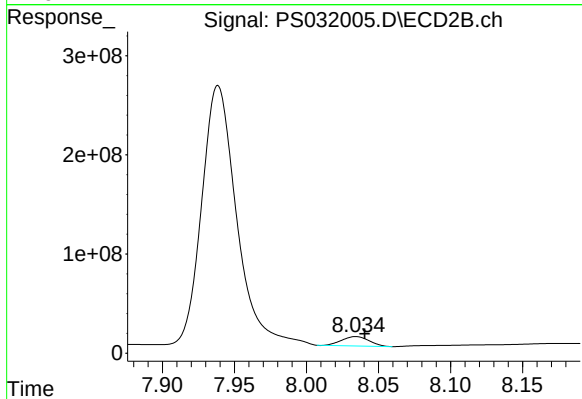
#5 DICAMBA

R.T.: 7.939 min
Delta R.T.: 0.000 min
Response: 4400635752
Conc: 508.10 ng/ml



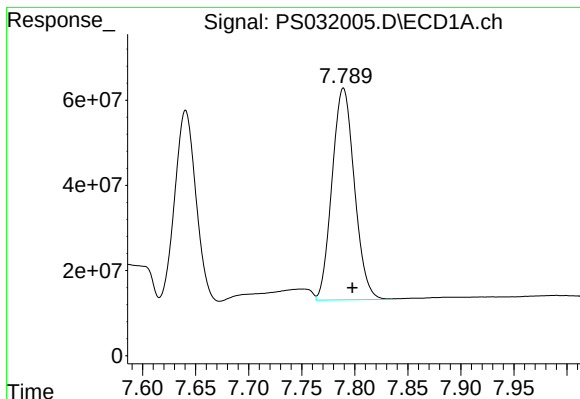
#6 MCP

R.T.: 7.641 min
Delta R.T.: -0.007 min
Response: 600790433
Conc: 49.13 ug/ml



#6 MCP

R.T.: 8.034 min
Delta R.T.: -0.006 min
Response: 123695538
Conc: 49.83 ug/ml



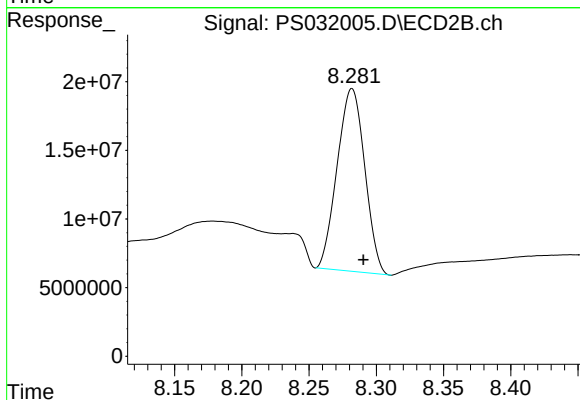
#7 MCPA

R.T.: 7.789 min
Delta R.T.: -0.008 min
Response: 728785462
Conc: 49.52 ug/ml

Instrument :
ECD_S
ClientSampleId :
PB170083BS

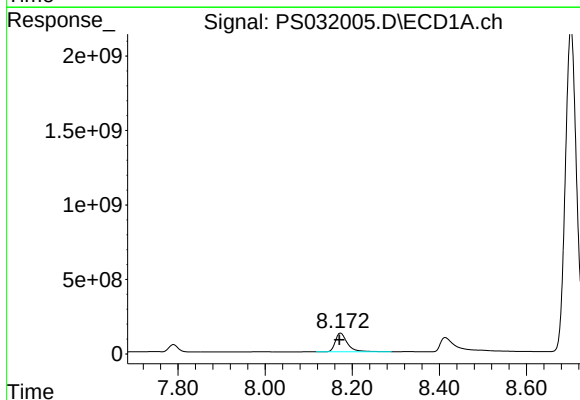
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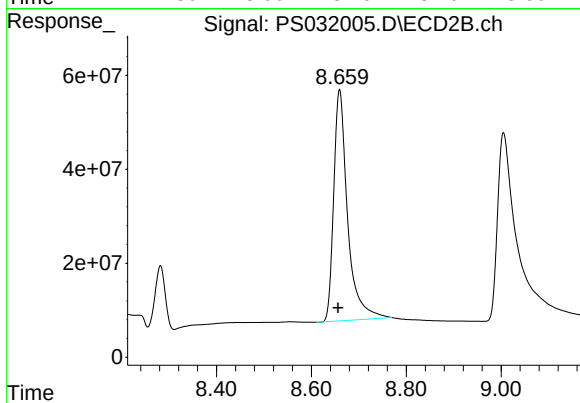
#7 MCPA

R.T.: 8.282 min
Delta R.T.: -0.009 min
Response: 189250954
Conc: 50.17 ug/ml



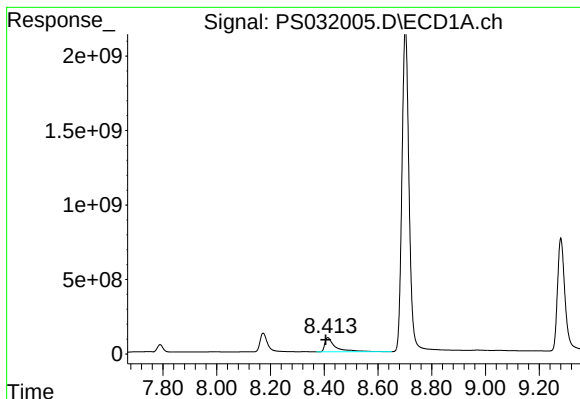
#8 DICHLORPROP

R.T.: 8.173 min
Delta R.T.: 0.002 min
Response: 2401961579
Conc: 505.24 ng/ml



#8 DICHLORPROP

R.T.: 8.659 min
Delta R.T.: 0.003 min
Response: 999535678
Conc: 510.42 ng/ml



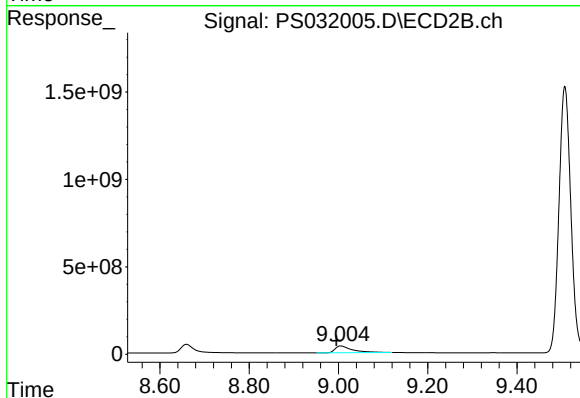
#9 2,4-D

R.T.: 8.413 min
Delta R.T.: 0.007 min
Response: 2586526382
Conc: 532.66 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB170083BS

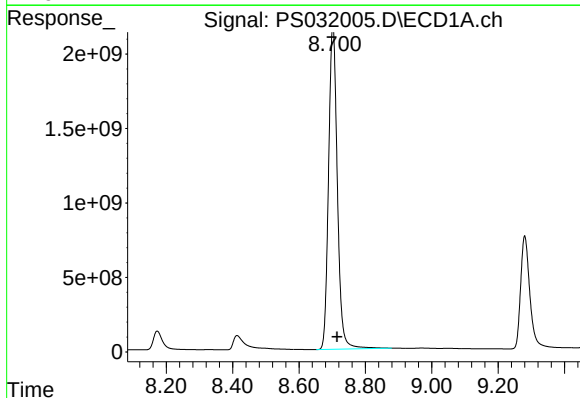
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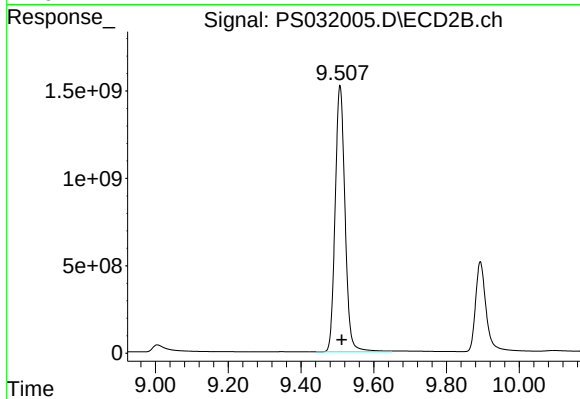
#9 2,4-D

R.T.: 9.005 min
Delta R.T.: 0.009 min
Response: 1043220992
Conc: 501.96 ng/ml



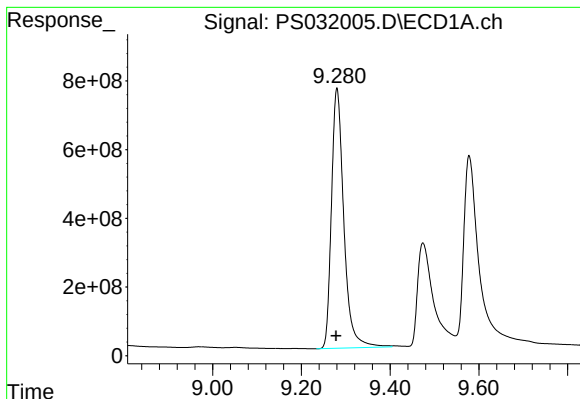
#10 Pentachlorophenol

R.T.: 8.702 min
Delta R.T.: -0.013 min
Response: 39753905031
Conc: 592.29 ng/ml



#10 Pentachlorophenol

R.T.: 9.507 min
Delta R.T.: -0.005 min
Response: 28637709047
Conc: 552.60 ng/ml



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

R.T.: 9.280 min
Delta R.T.: 0.002 min
Response: 14626087246
Conc: 517.88 ng/ml

Instrument :

ECD_S

ClientSampleId :

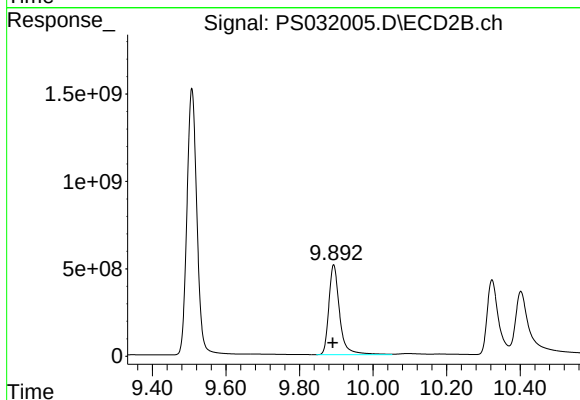
PB170083BS

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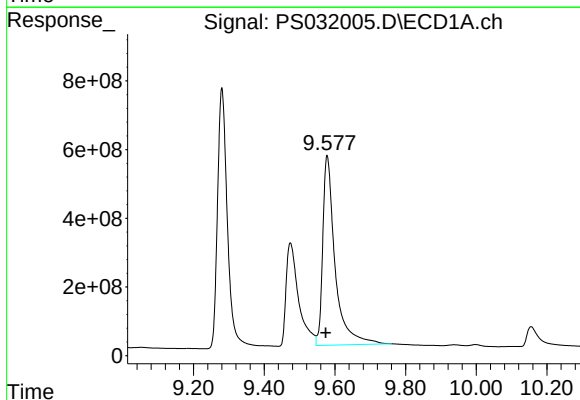
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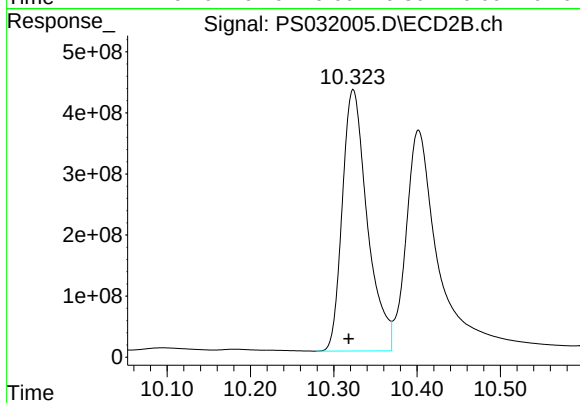
#11 2,4,5-TP (SILVEX)

R.T.: 9.893 min
Delta R.T.: 0.003 min
Response: 10462971242
Conc: 521.20 ng/ml



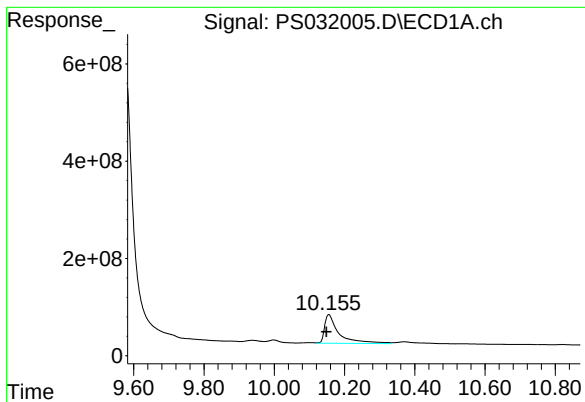
#12 2,4,5-T

R.T.: 9.578 min
Delta R.T.: 0.003 min
Response: 13415898504
Conc: 531.44 ng/ml



#12 2,4,5-T

R.T.: 10.323 min
Delta R.T.: 0.005 min
Response: 8939352406
Conc: 521.41 ng/ml



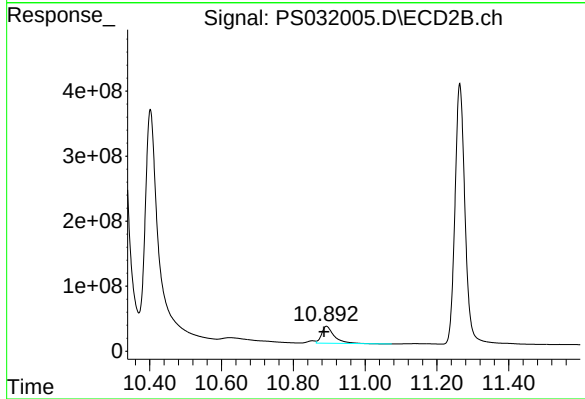
#13 2,4-DB

R.T.: 10.155 min
Delta R.T.: 0.006 min
Response: 1685152106
Conc: 543.54 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB170083BS

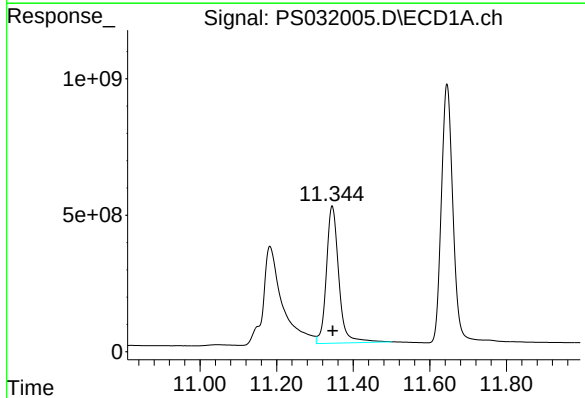
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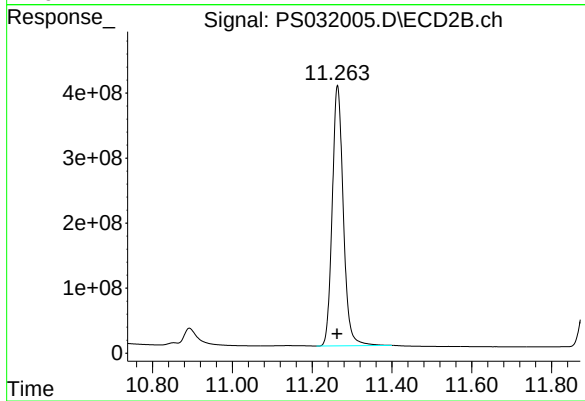
#13 2,4-DB

R.T.: 10.892 min
Delta R.T.: 0.007 min
Response: 631259400
Conc: 488.56 ng/ml



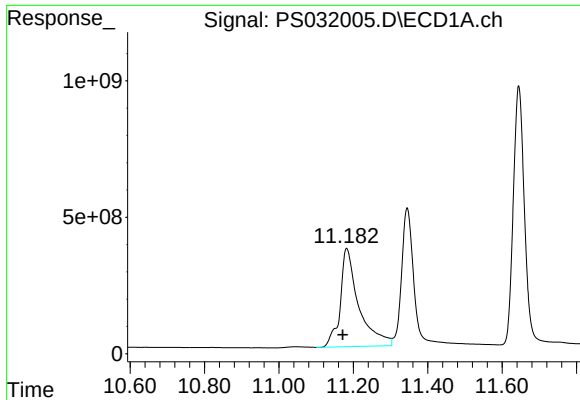
#14 DINOSEB

R.T.: 11.345 min
Delta R.T.: -0.001 min
Response: 11288542487
Conc: 506.19 ng/ml



#14 DINOSEB

R.T.: 11.264 min
Delta R.T.: 0.000 min
Response: 7708591274
Conc: 507.04 ng/ml



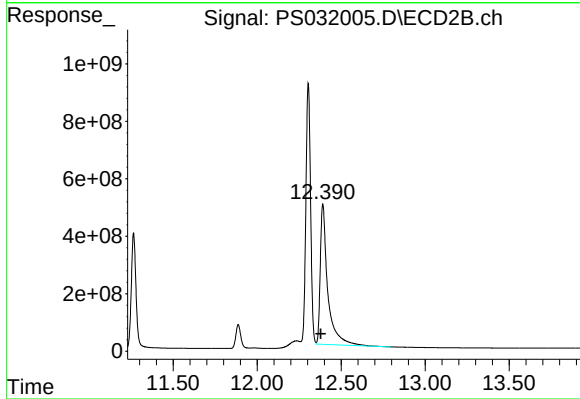
#15 Picloram

R.T.: 11.182 min
Delta R.T.: 0.010 min
Response: 12470055449
Conc: 528.89 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB170083BS

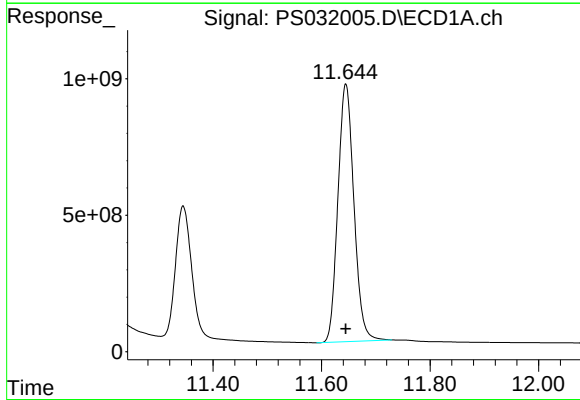
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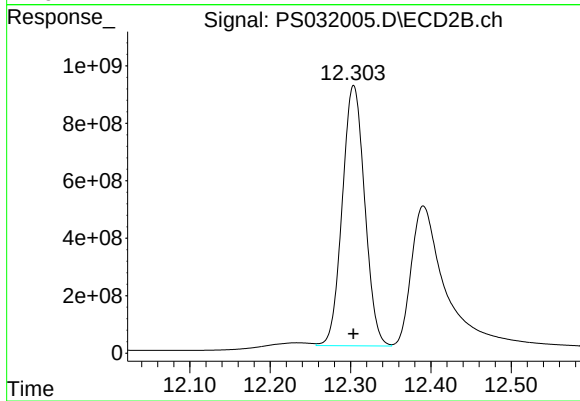
#15 Picloram

R.T.: 12.391 min
Delta R.T.: 0.012 min
Response: 15112472353
Conc: 453.94 ng/ml



#16 DCPA

R.T.: 11.645 min
Delta R.T.: 0.000 min
Response: 19335008437
Conc: 526.26 ng/ml



#16 DCPA

R.T.: 12.304 min
Delta R.T.: 0.000 min
Response: 17552321379
Conc: 528.50 ng/ml