

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS101725\
 Data File : PS032078.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Oct 2025 17:22
 Operator : AR\AJ
 Sample : PB170140BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PB170140BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/19/2025
 Supervised By :mohammad ahmed 10/24/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 18 01:43:49 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	2825.6E6	641.5E6	592.731	583.044
Target Compounds							
1) T	Dalapon	2.659	2.688	3735.4E6	1949.9E6	483.387	518.839
2) T	3,5-DICHL...	6.449	6.699	3909.2E6	1148.2E6	555.368	550.480
3) T	4-Nitroph...	7.103	7.311f	751.3E6	947.1E6	562.889	624.144m
5) T	DICAMBA	7.463	7.939	11723.6E6	4778.8E6	559.804	551.767
6) T	MCPD	7.640	8.034	664.2E6	135.0E6	54.319	54.398
7) T	MCPA	7.789	8.281	811.1E6	204.7E6	55.118	54.262
8) T	DICHLORPROP	8.172	8.660	2614.0E6	1065.3E6	549.831	543.979
9) T	2,4-D	8.414	9.007	2470.7E6	1105.6E6	508.806m	531.954
10) T	Pentachlo...	8.703	9.507	42918.5E6	30992.8E6	639.434	598.042
11) T	2,4,5-TP ...	9.279	9.893	16066.8E6	11335.5E6	568.897	564.662
12) T	2,4,5-T	9.581	10.325	14490.8E6	9509.2E6	574.023	554.647
13) T	2,4-DB	10.156	10.894	1428.6E6	699.2E6	460.800m	541.163
14) T	DINOSEB	11.345	11.264	12531.8E6	8584.3E6	561.944	564.640
15) T	Picloram	11.188	12.395	10313.1E6	15102.1E6	437.405	453.624
16) T	DCPA	11.644	12.305	21188.0E6	19168.1E6	576.698	577.150

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

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Acq On : 17 Oct 2025 17:22
Operator : AR\AJ
Sample : PB170140BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

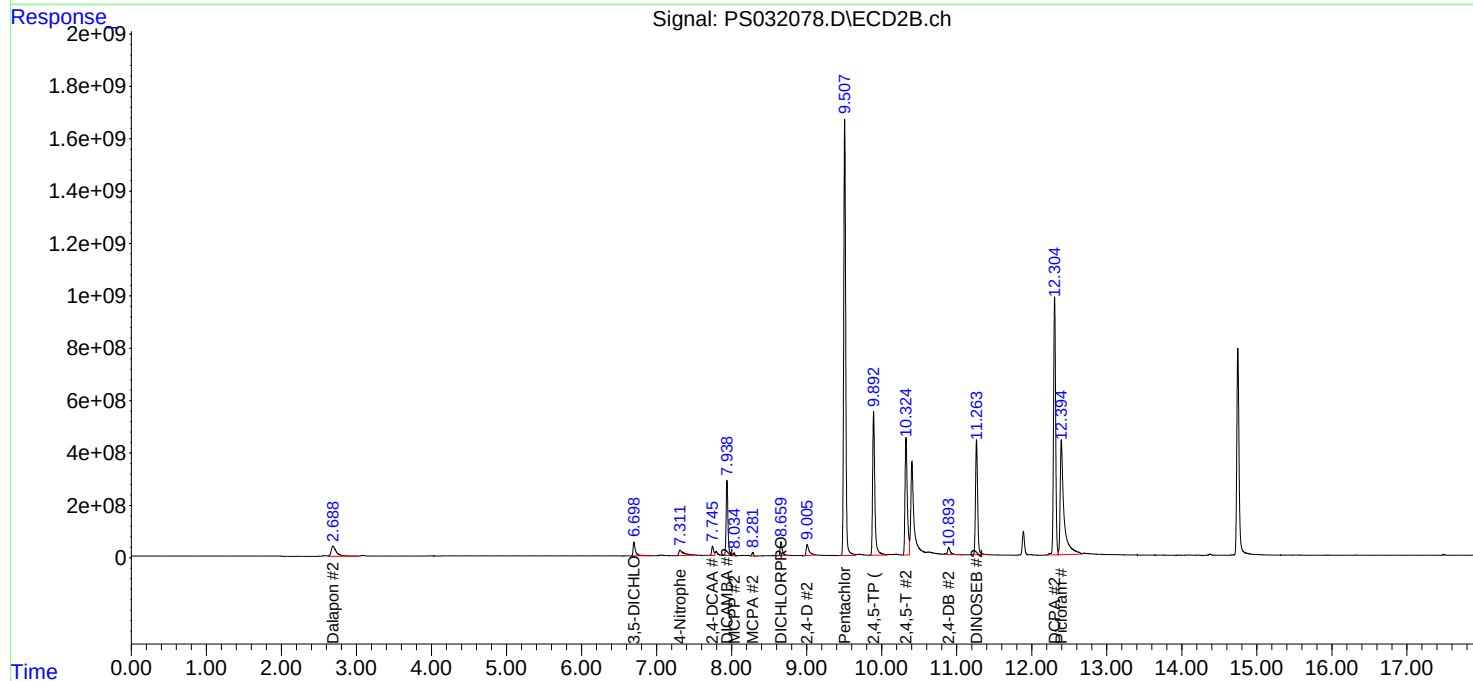
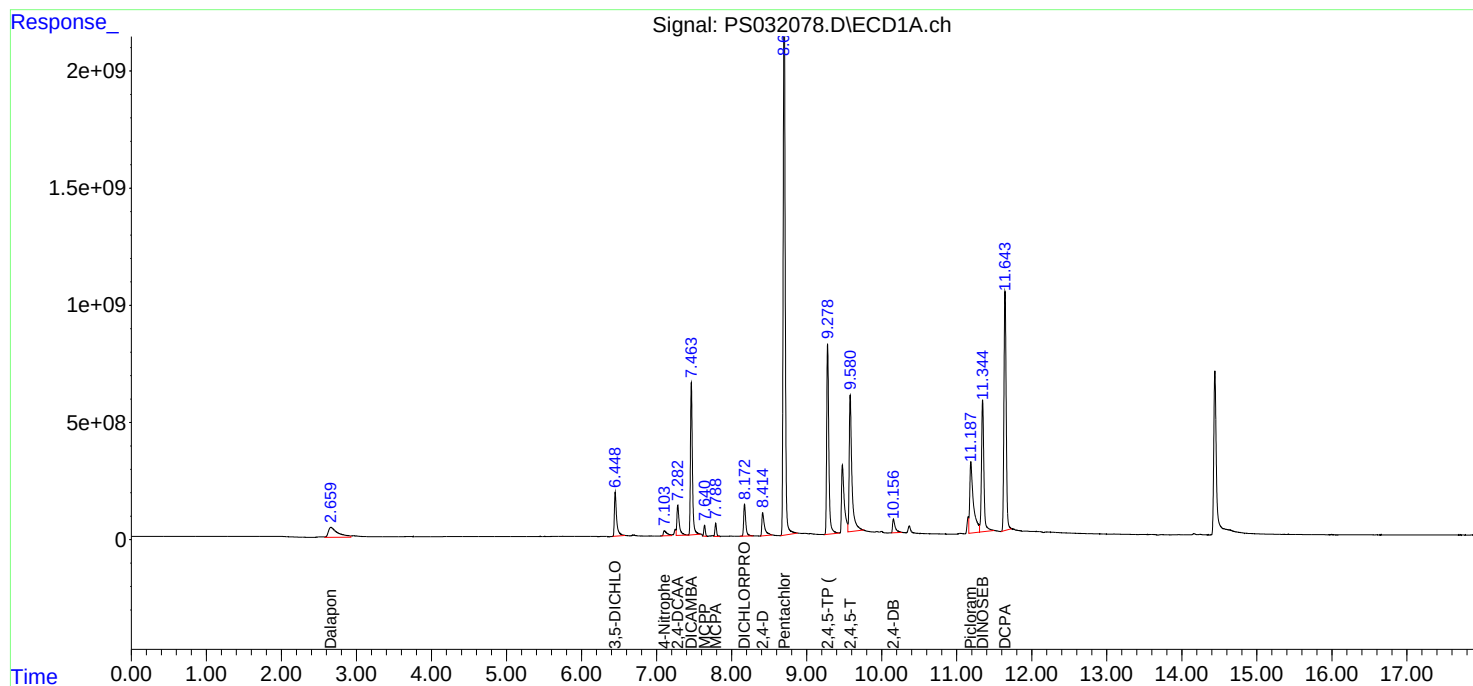
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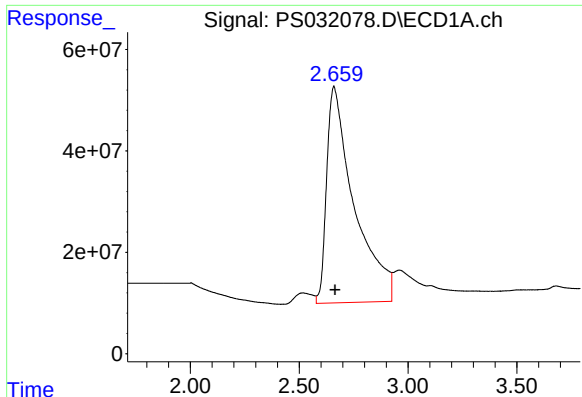
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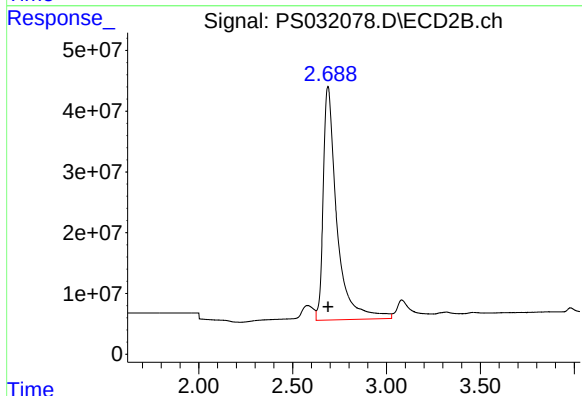
#1 Dalapon

R.T.: 2.659 min
Delta R.T.: -0.006 min
Response: 3735387491
Conc: 483.39 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB170140BS

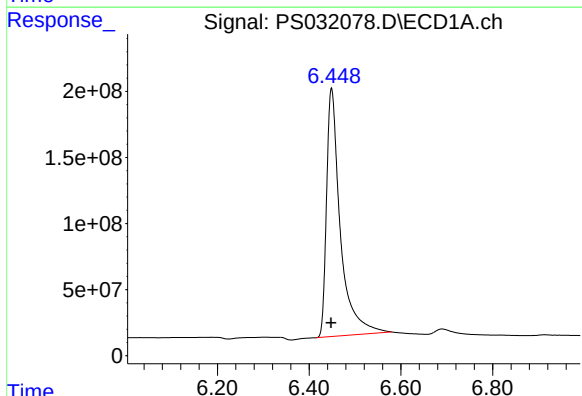
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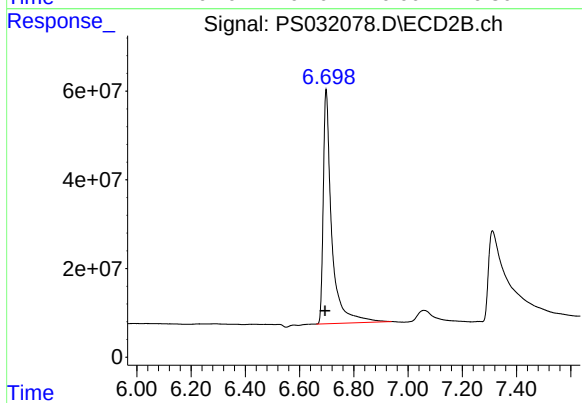
#1 Dalapon

R.T.: 2.688 min
Delta R.T.: 0.000 min
Response: 1949937345
Conc: 518.84 ng/ml



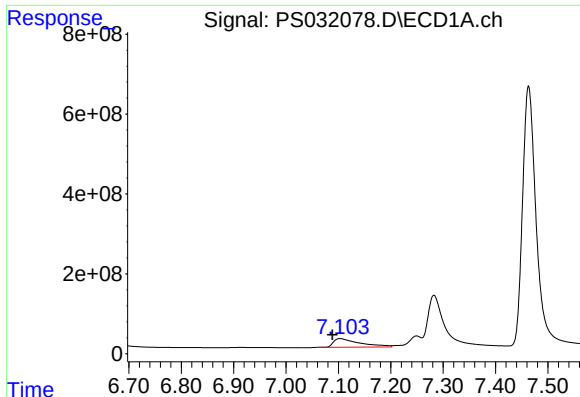
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.449 min
Delta R.T.: 0.001 min
Response: 3909159950
Conc: 555.37 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.699 min
Delta R.T.: 0.005 min
Response: 1148235831
Conc: 550.48 ng/ml



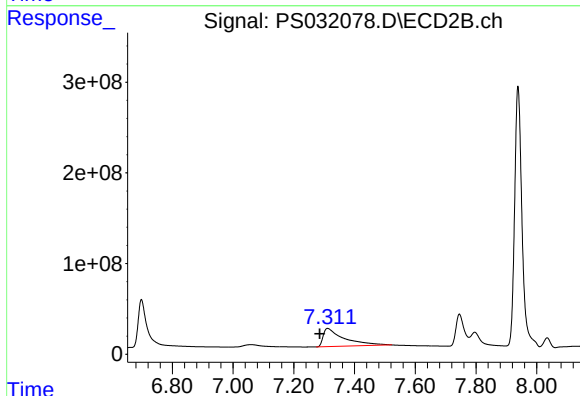
#3 4-Nitrophenol

R.T.: 7.103 min
Delta R.T.: 0.015 min
Response: 751278765
Conc: 562.89 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB170140BS

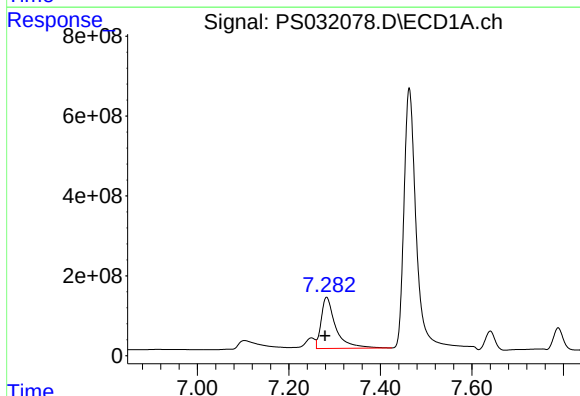
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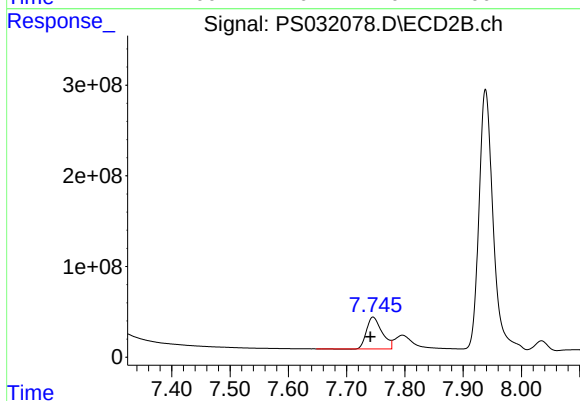
#3 4-Nitrophenol

R.T.: 7.311 min
Delta R.T.: 0.025 min
Response: 947082826
Conc: 624.14 ng/ml m



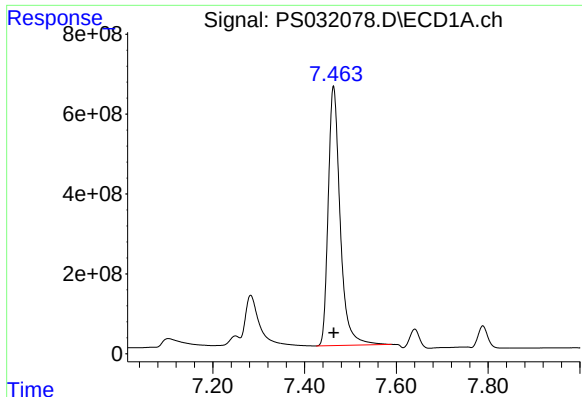
#4 2,4-DCAA

R.T.: 7.282 min
Delta R.T.: 0.003 min
Response: 2825568849
Conc: 592.73 ng/ml



#4 2,4-DCAA

R.T.: 7.746 min
Delta R.T.: 0.005 min
Response: 641547002
Conc: 583.04 ng/ml



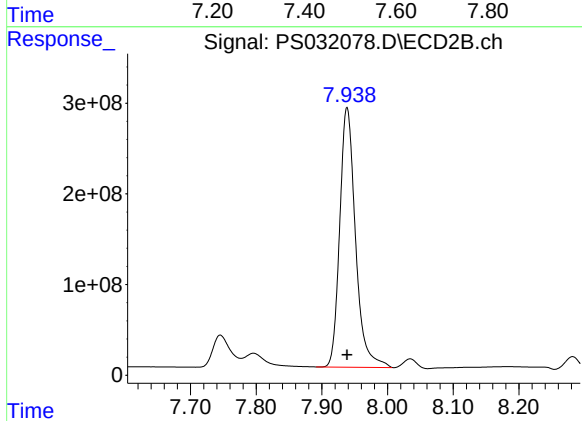
#5 DICAMBA

R.T.: 7.463 min
Delta R.T.: 0.000 min
Response: 11723621276
Conc: 559.80 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB170140BS

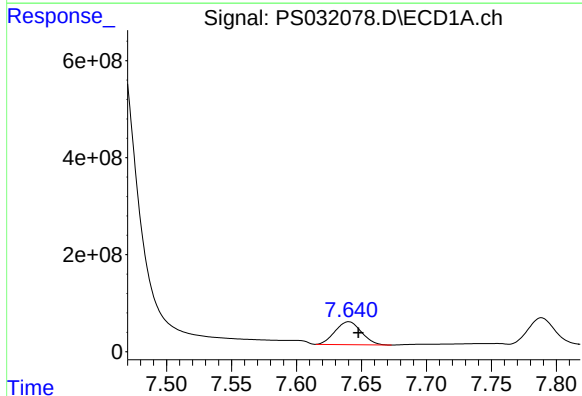
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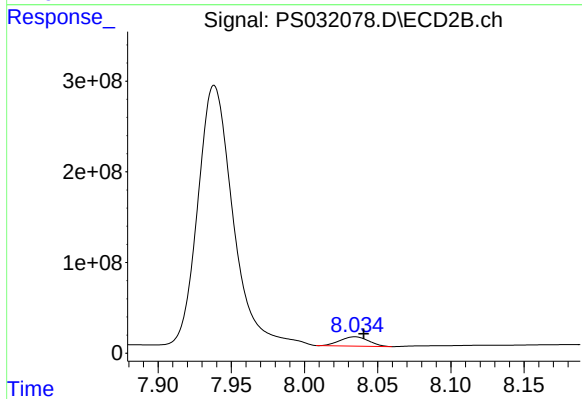
#5 DICAMBA

R.T.: 7.939 min
Delta R.T.: 0.000 min
Response: 4778788868
Conc: 551.77 ng/ml



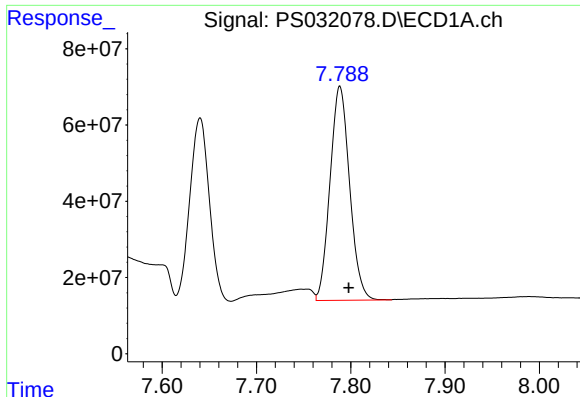
#6 MCPP

R.T.: 7.640 min
Delta R.T.: -0.007 min
Response: 664242443
Conc: 54.32 ug/ml



#6 MCPP

R.T.: 8.034 min
Delta R.T.: -0.006 min
Response: 135030511
Conc: 54.40 ug/ml



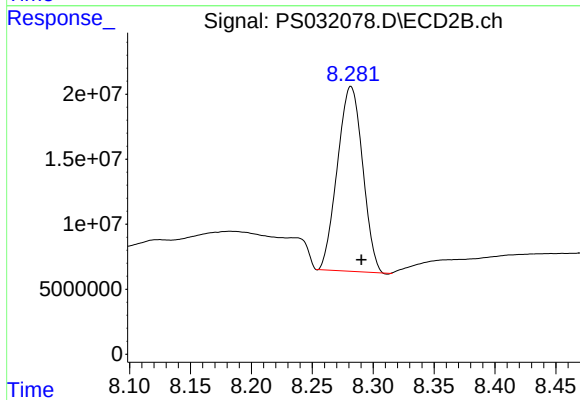
#7 MCPA

R.T.: 7.789 min
Delta R.T.: -0.009 min
Response: 811126068
Conc: 55.12 ug/ml

Instrument :
ECD_S
ClientSampleId :
PB170140BS

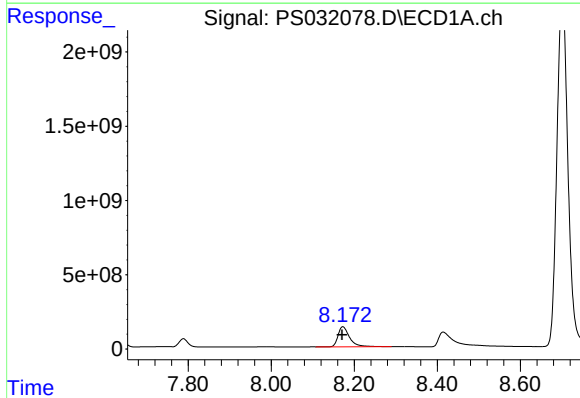
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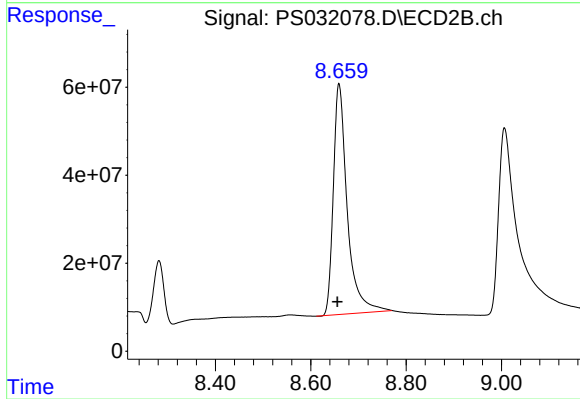
#7 MCPA

R.T.: 8.281 min
Delta R.T.: -0.009 min
Response: 204695299
Conc: 54.26 ug/ml



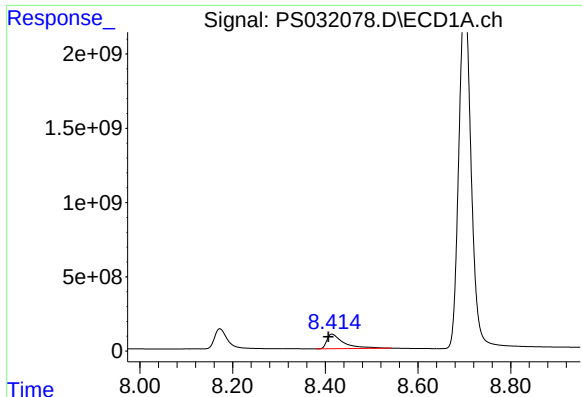
#8 DICHLORPROP

R.T.: 8.172 min
Delta R.T.: 0.002 min
Response: 2613977325
Conc: 549.83 ng/ml



#8 DICHLORPROP

R.T.: 8.660 min
Delta R.T.: 0.004 min
Response: 1065251857
Conc: 543.98 ng/ml



#9 2,4-D

R.T.: 8.414 min
Delta R.T.: 0.007 min
Response: 2470696102
Conc: 508.81 ng/ml

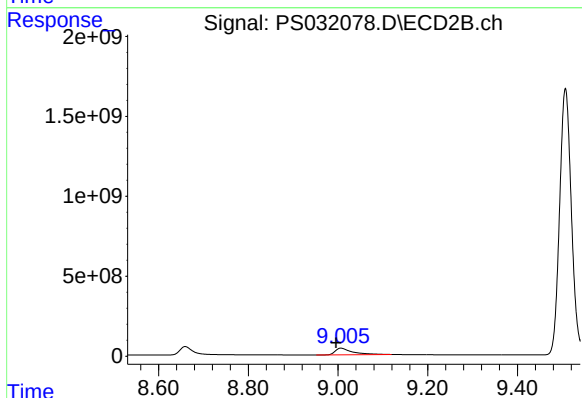
Instrument :

ECD_S

ClientSampleId :
PB170140BS

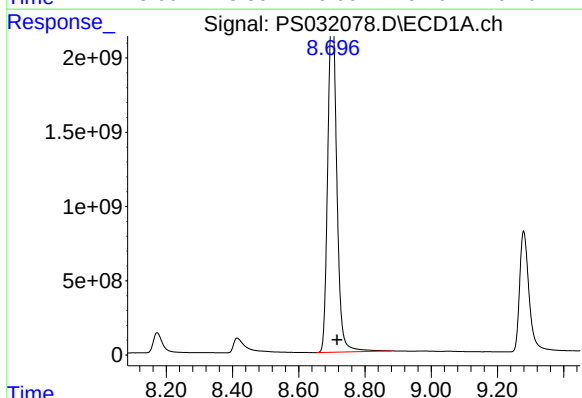
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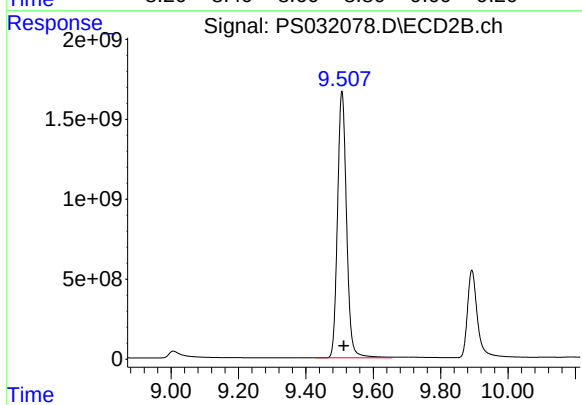
#9 2,4-D

R.T.: 9.007 min
Delta R.T.: 0.012 min
Response: 1105558935
Conc: 531.95 ng/ml



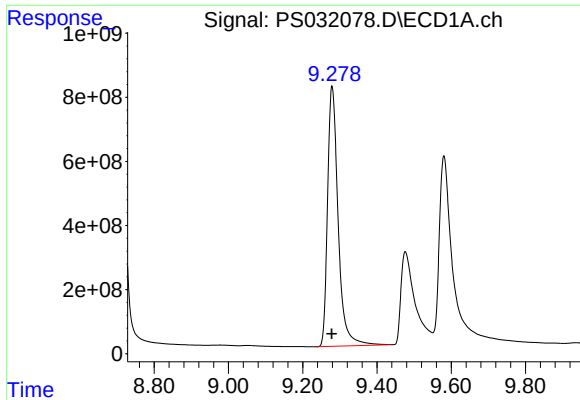
#10 Pentachlorophenol

R.T.: 8.703 min
Delta R.T.: -0.012 min
Response: 42918492354
Conc: 639.43 ng/ml



#10 Pentachlorophenol

R.T.: 9.507 min
Delta R.T.: -0.005 min
Response: 30992830040
Conc: 598.04 ng/ml



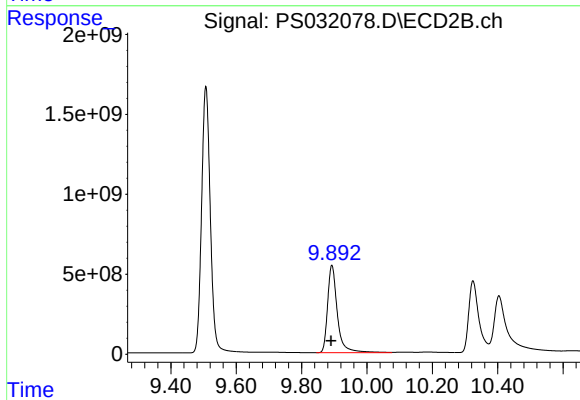
#11 2,4,5-TP (SILVEX)

R.T.: 9.279 min
Delta R.T.: 0.000 min
Response: 16066804466
Conc: 568.90 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB170140BS

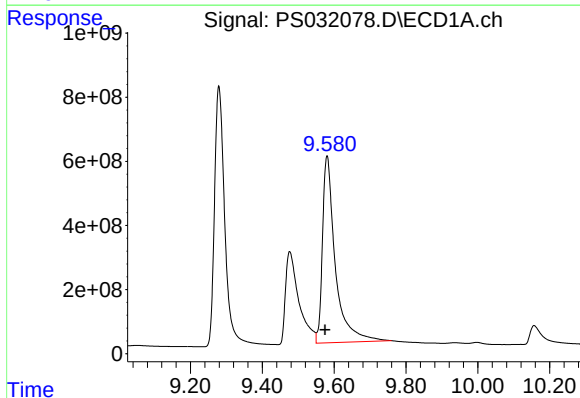
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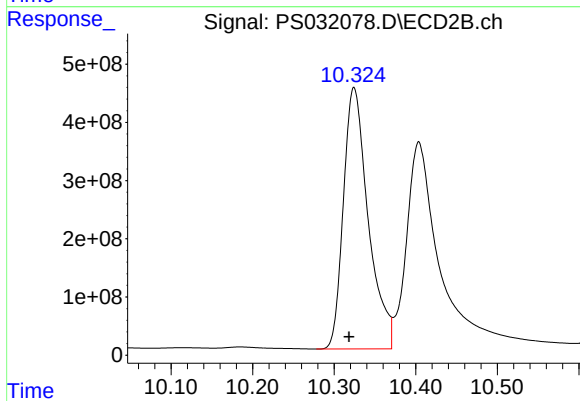
#11 2,4,5-TP (SILVEX)

R.T.: 9.893 min
Delta R.T.: 0.003 min
Response: 11335505302
Conc: 564.66 ng/ml



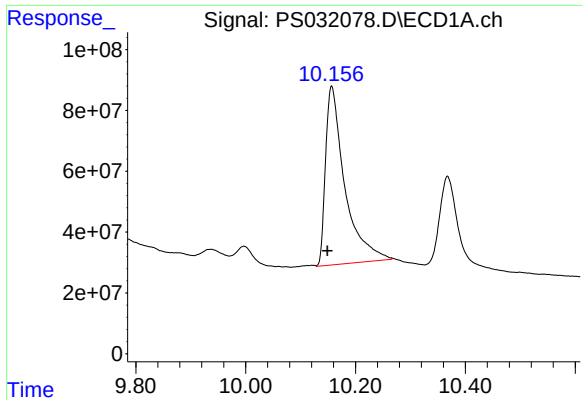
#12 2,4,5-T

R.T.: 9.581 min
Delta R.T.: 0.006 min
Response: 14490796554
Conc: 574.02 ng/ml



#12 2,4,5-T

R.T.: 10.325 min
Delta R.T.: 0.007 min
Response: 9509246761
Conc: 554.65 ng/ml



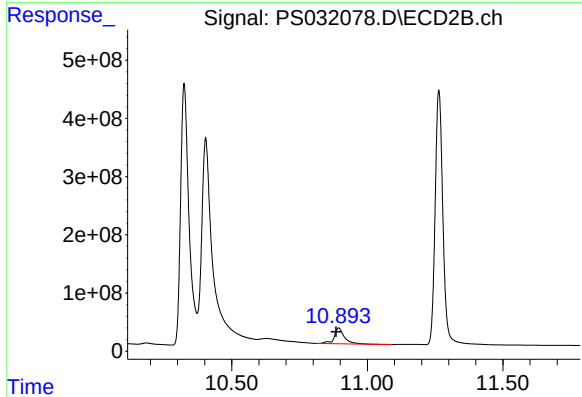
#13 2,4-DB

R.T.: 10.156 min
Delta R.T.: 0.007 min
Response: 1428625233
Conc: 460.80 ng/ml

Instrument :
ECD_S
ClientSampleId :
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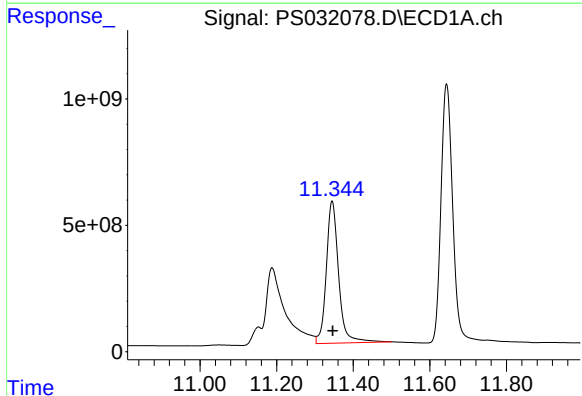
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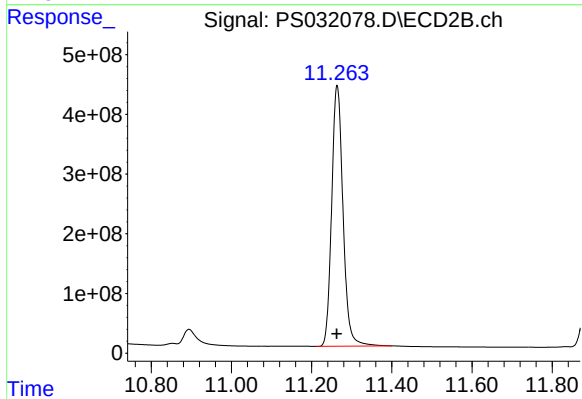
#13 2,4-DB

R.T.: 10.894 min
Delta R.T.: 0.009 min
Response: 699231394
Conc: 541.16 ng/ml



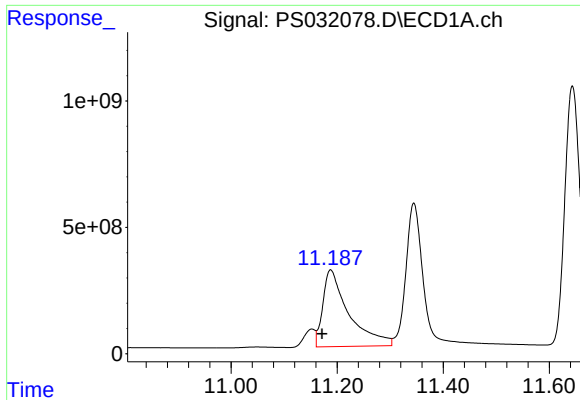
#14 DINOSEB

R.T.: 11.345 min
Delta R.T.: -0.001 min
Response: 12531831506
Conc: 561.94 ng/ml



#14 DINOSEB

R.T.: 11.264 min
Delta R.T.: 0.000 min
Response: 8584264583
Conc: 564.64 ng/ml



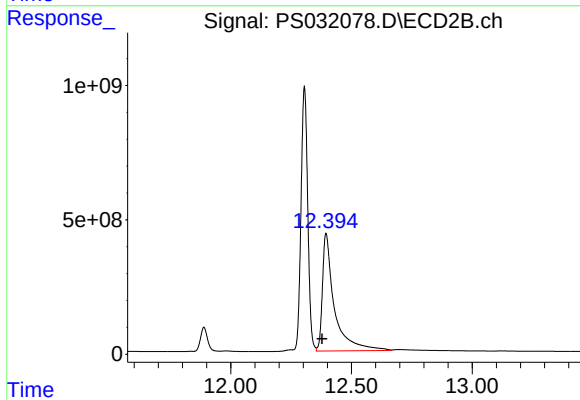
#15 Picloram

R.T.: 11.188 min
Delta R.T.: 0.016 min
Response: 10313072101
Conc: 437.40 ng/ml

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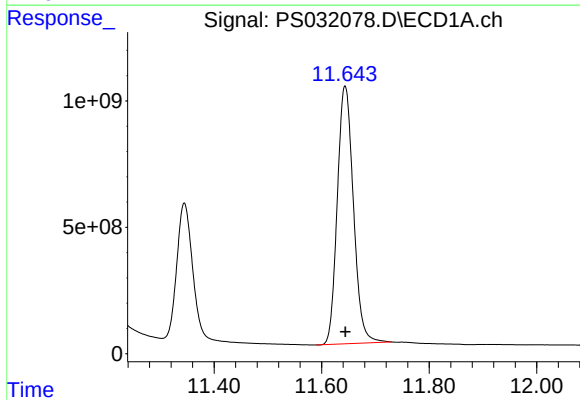
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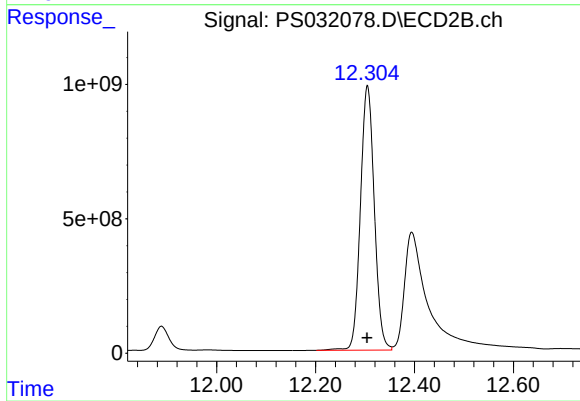
#15 Picloram

R.T.: 12.395 min
Delta R.T.: 0.016 min
Response: 15102056408
Conc: 453.62 ng/ml



#16 DCPA

R.T.: 11.644 min
Delta R.T.: 0.000 min
Response: 21188022731
Conc: 576.70 ng/ml



#16 DCPA

R.T.: 12.305 min
Delta R.T.: 0.001 min
Response: 19168109803
Conc: 577.15 ng/ml