

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS102325\
 Data File : PS032139.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Oct 2025 12:58
 Operator : AR\AJ
 Sample : PB170221BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PB170221BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/24/2025
 Supervised By :mohammad ahmed 10/28/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 24 04:39:04 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	7.283	7.748	2459.3E6	558.6E6	515.902	507.691
Target Compounds							
1) T	Dalapon	2.659	2.687	3397.5E6	1735.2E6	439.658	461.702
2) T	3,5-DICHL...	6.449	6.701	3407.8E6	963.0E6	484.141	461.675
3) T	4-Nitroph...	7.104	7.316f	588.6E6	650.8E6	440.996	428.884
5) T	DICAMBA	7.463	7.940	10495.5E6	4023.7E6	501.159	464.584
6) T	MCPD	7.640	8.035	531.2E6	106.2E6	43.441	42.792
7) T	MCPA	7.788	8.282	666.7E6	167.2E6	45.306	44.316
8) T	DICHLORPROP	8.172	8.661	2249.6E6	908.4E6	473.187	463.862
9) T	2,4-D	8.414	9.009	2390.7E6	945.3E6	492.328	454.859
10) T	Pentachlo...	8.701	9.508	38235.4E6	26448.6E6	569.662	510.356
11) T	2,4,5-TP ...	9.280	9.895	13652.0E6	9520.2E6	483.392	474.235
12) T	2,4,5-T	9.580	10.326	12443.1E6	8063.8E6	492.906	470.340
13) T	2,4-DB	10.158	10.896	1528.5E6	557.2E6	493.029	431.276
14) T	DINOSEB	11.345	11.265	10262.6E6	6803.6E6	460.188	447.516
15) T	Picloram	11.189	12.397	10341.4E6	13540.1E6	438.605m	406.706
16) T	DCPA	11.643	12.306	17818.8E6	15873.4E6	484.994	477.946

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

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Sample : PB170221BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

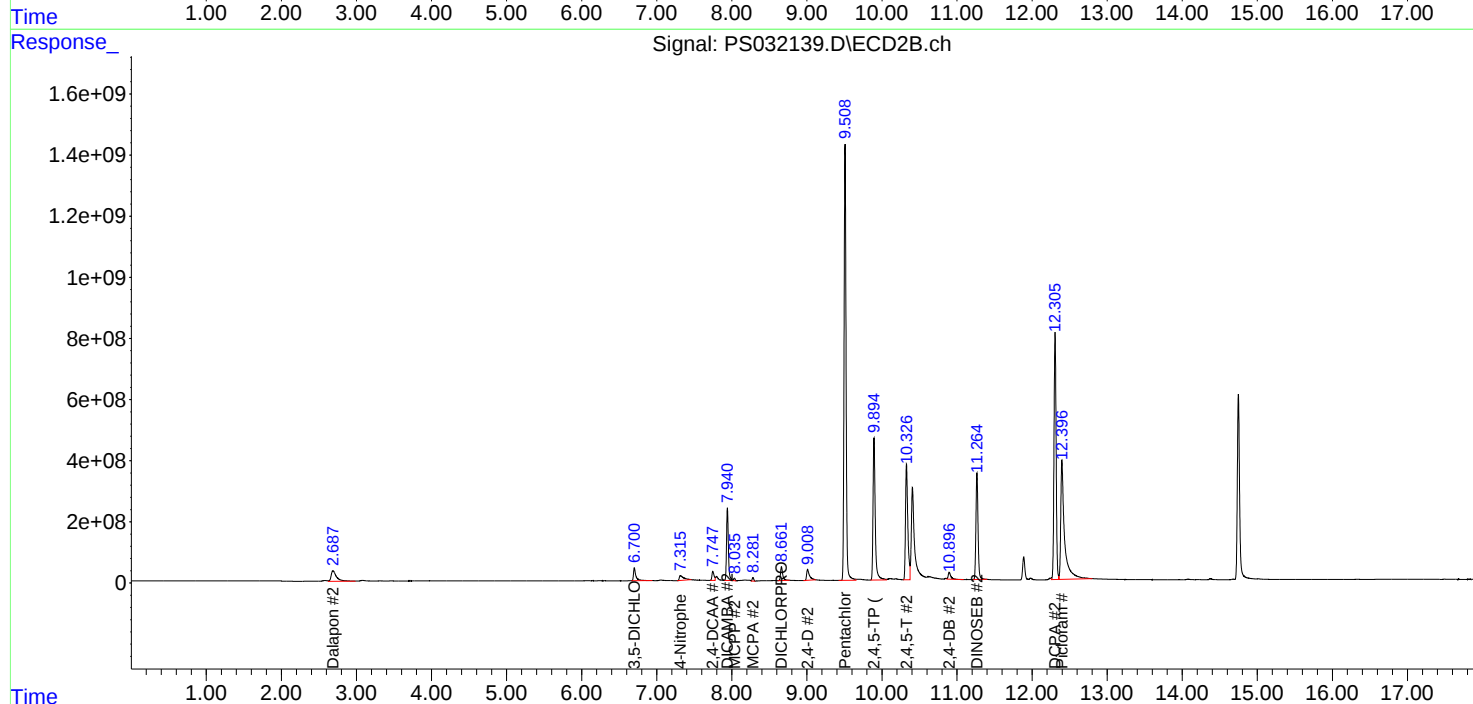
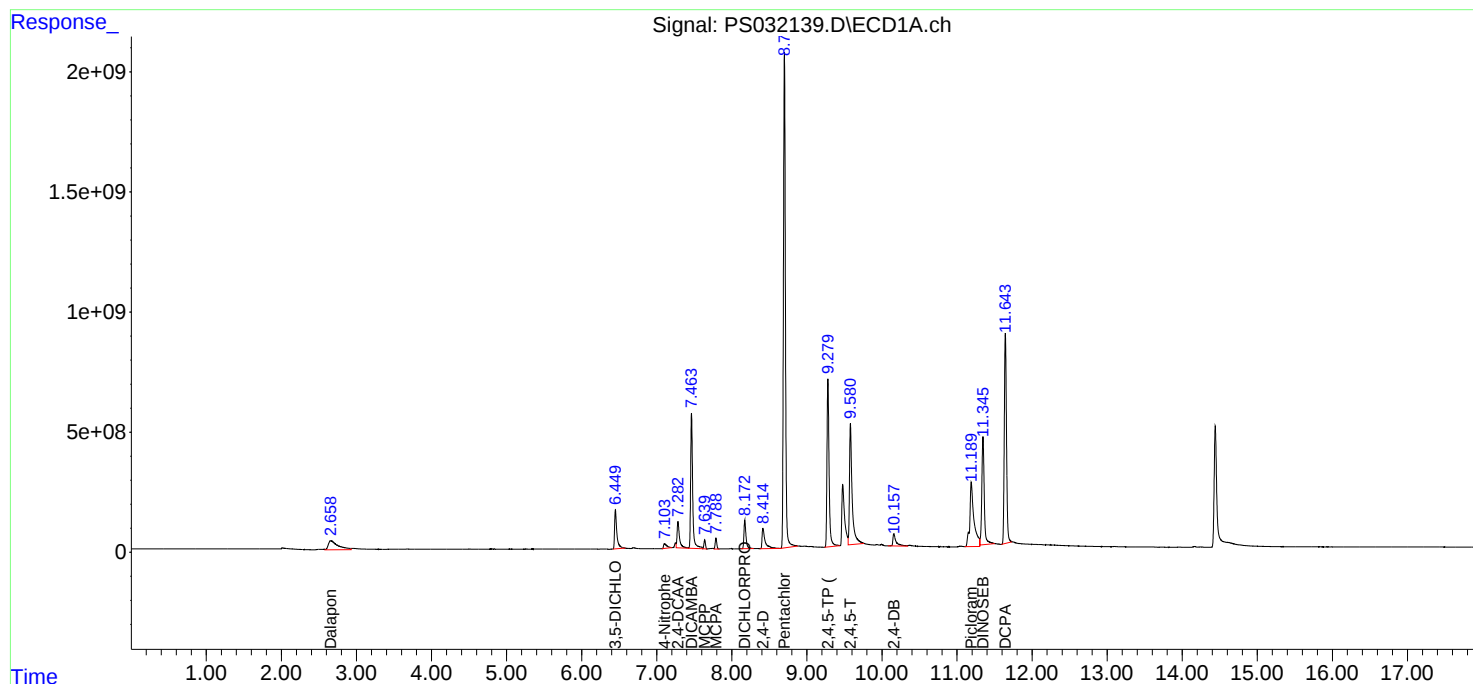
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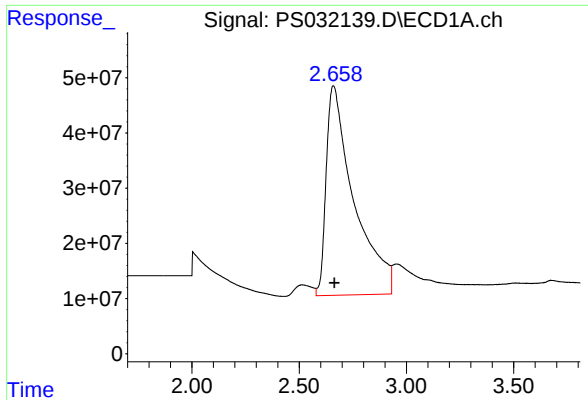
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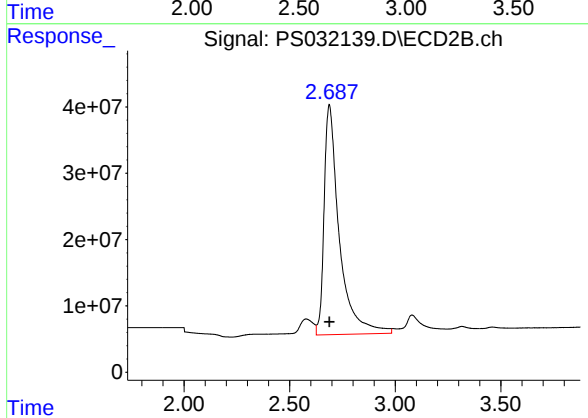
#1 Dalapon

R.T.: 2.659 min
Delta R.T.: -0.006 min
Response: 3397470617
Conc: 439.66 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB170221BS

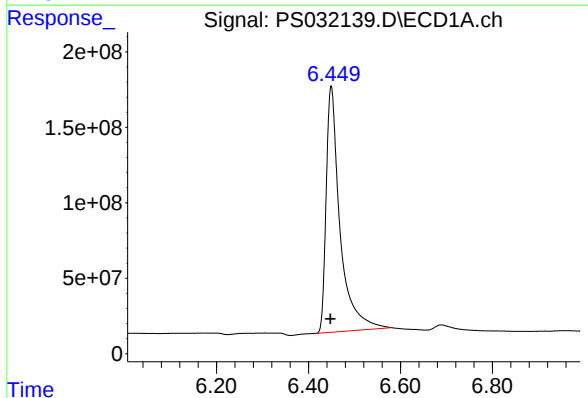
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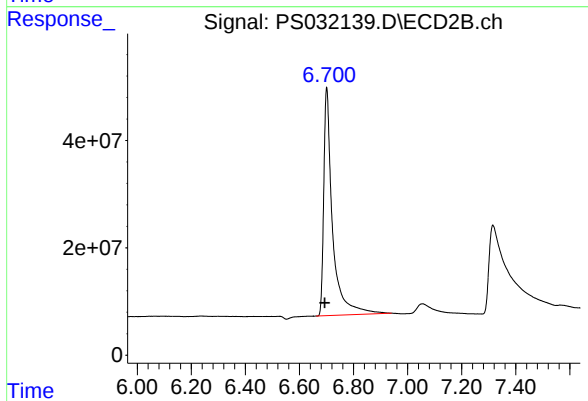
#1 Dalapon

R.T.: 2.687 min
Delta R.T.: -0.002 min
Response: 1735201238
Conc: 461.70 ng/ml



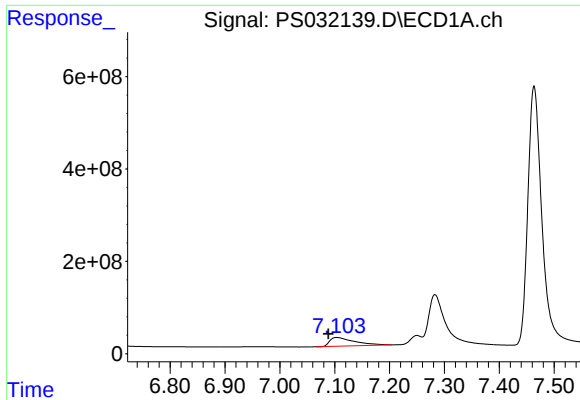
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.449 min
Delta R.T.: 0.002 min
Response: 3407799957
Conc: 484.14 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.701 min
Delta R.T.: 0.007 min
Response: 962999973
Conc: 461.68 ng/ml



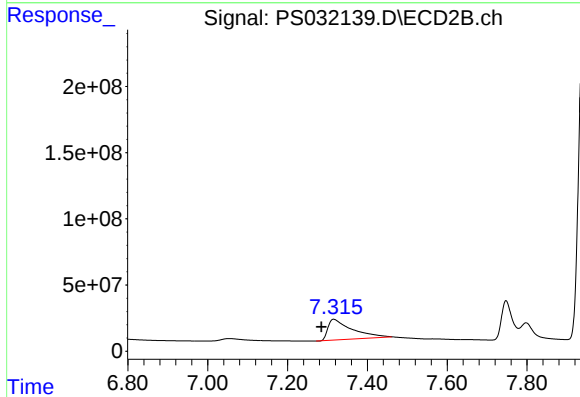
#3 4-Nitrophenol

R.T.: 7.104 min
Delta R.T.: 0.015 min
Response: 588590388
Conc: 441.00 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB170221BS

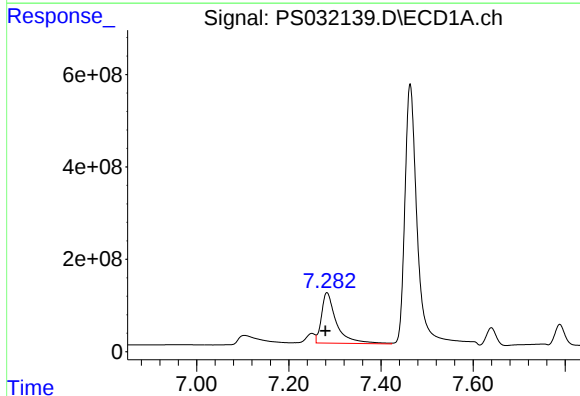
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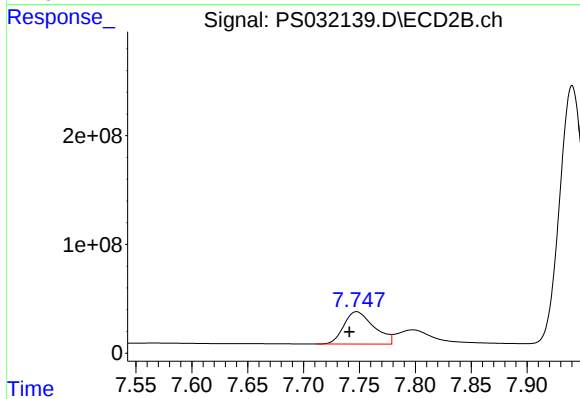
#3 4-Nitrophenol

R.T.: 7.316 min
Delta R.T.: 0.030 min
Response: 650794247
Conc: 428.88 ng/ml



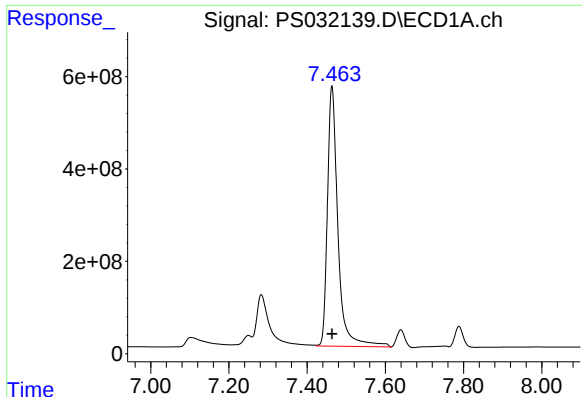
#4 2,4-DCAA

R.T.: 7.283 min
Delta R.T.: 0.003 min
Response: 2459320914
Conc: 515.90 ng/ml



#4 2,4-DCAA

R.T.: 7.748 min
Delta R.T.: 0.007 min
Response: 558633105
Conc: 507.69 ng/ml



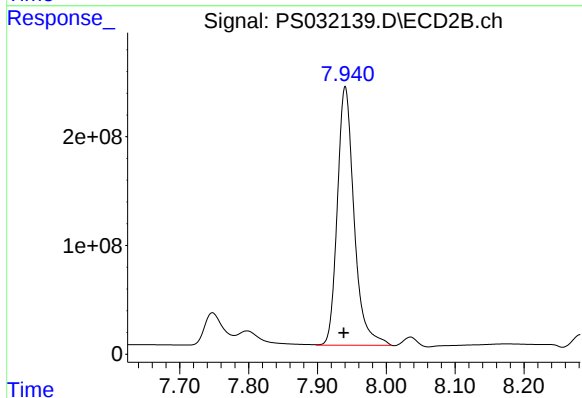
#5 DICAMBA

R.T.: 7.463 min
Delta R.T.: 0.000 min
Response: 10495457460
Conc: 501.16 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB170221BS

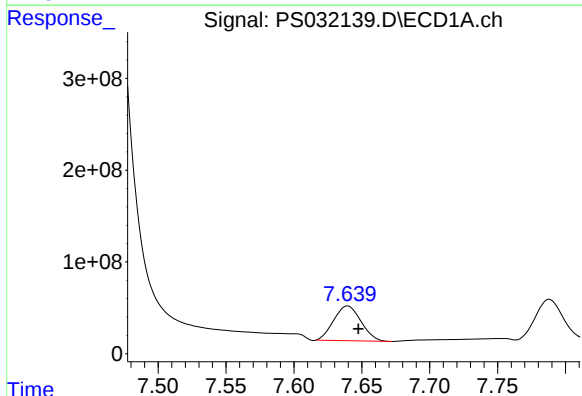
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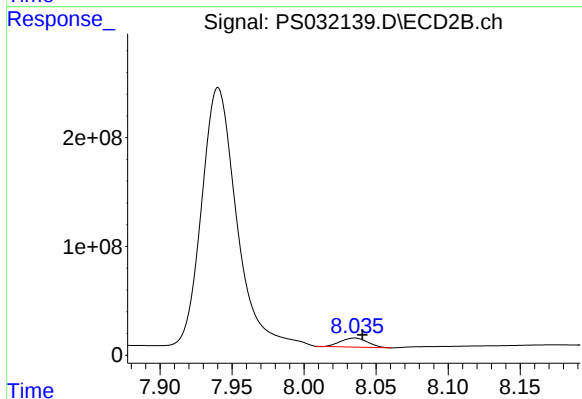
#5 DICAMBA

R.T.: 7.940 min
Delta R.T.: 0.002 min
Response: 4023705925
Conc: 464.58 ng/ml



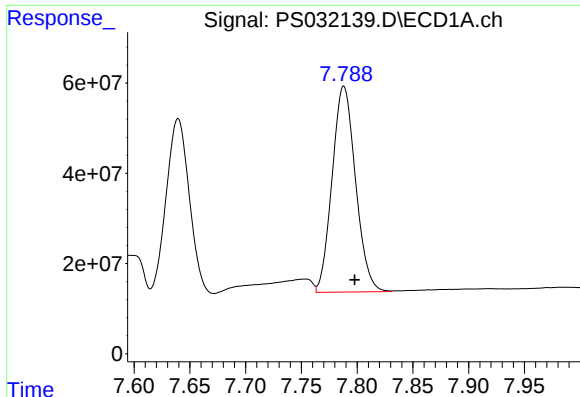
#6 MCPP

R.T.: 7.640 min
Delta R.T.: -0.008 min
Response: 531213568
Conc: 43.44 ug/ml



#6 MCPP

R.T.: 8.035 min
Delta R.T.: -0.006 min
Response: 106222123
Conc: 42.79 ug/ml



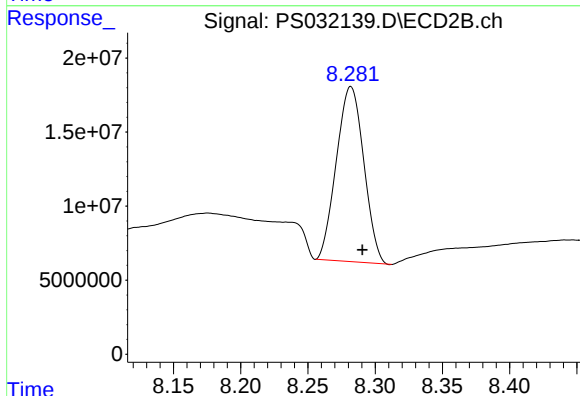
#7 MCPA

R.T.: 7.788 min
Delta R.T.: -0.010 min
Response: 666730436
Conc: 45.31 ug/ml

Instrument :
ECD_S
ClientSampleId :
PB170221BS

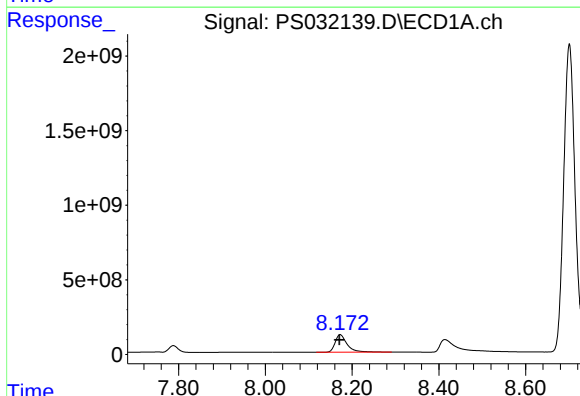
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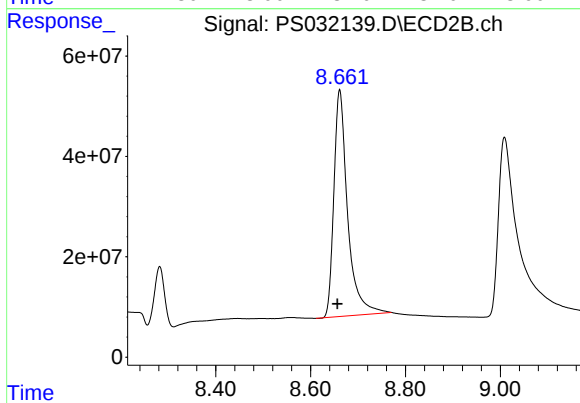
#7 MCPA

R.T.: 8.282 min
Delta R.T.: -0.009 min
Response: 167175286
Conc: 44.32 ug/ml



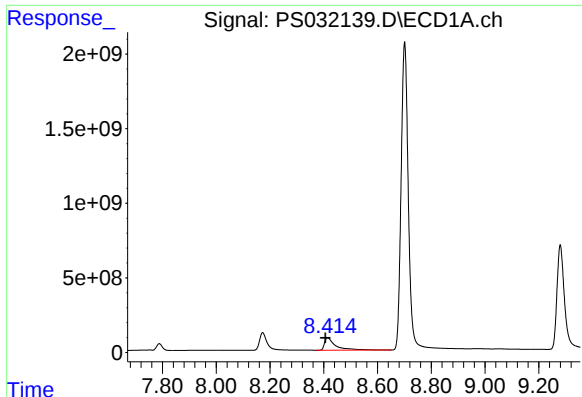
#8 DICHLORPROP

R.T.: 8.172 min
Delta R.T.: 0.002 min
Response: 2249601605
Conc: 473.19 ng/ml



#8 DICHLORPROP

R.T.: 8.661 min
Delta R.T.: 0.005 min
Response: 908363323
Conc: 463.86 ng/ml



#9 2,4-D

R.T.: 8.414 min
Delta R.T.: 0.008 min
Response: 2390685048
Conc: 492.33 ng/ml

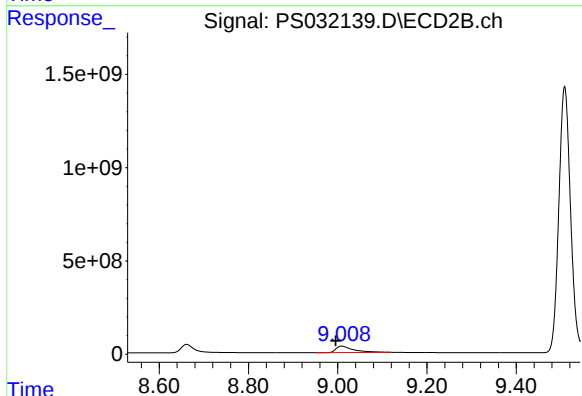
Instrument :

ECD_S

ClientSampleId :
PB170221BS

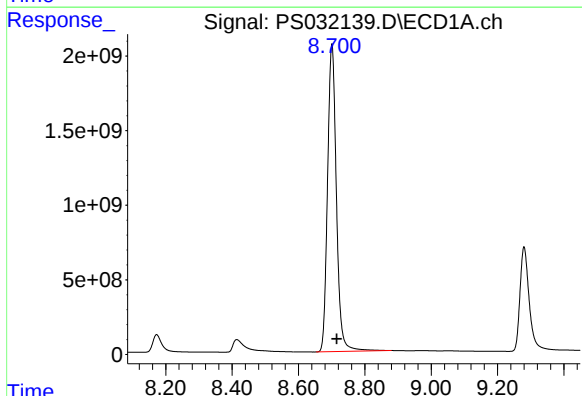
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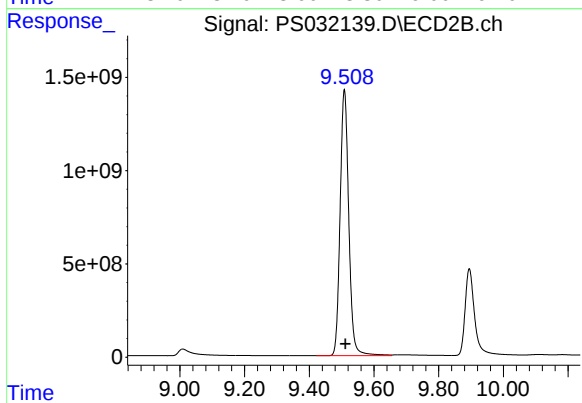
#9 2,4-D

R.T.: 9.009 min
Delta R.T.: 0.013 min
Response: 945332651
Conc: 454.86 ng/ml



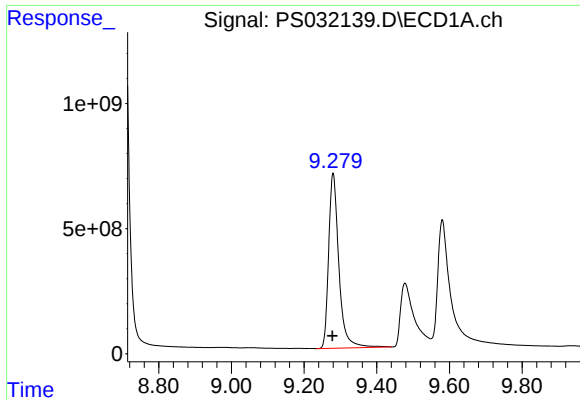
#10 Pentachlorophenol

R.T.: 8.701 min
Delta R.T.: -0.015 min
Response: 38235429842
Conc: 569.66 ng/ml



#10 Pentachlorophenol

R.T.: 9.508 min
Delta R.T.: -0.004 min
Response: 26448645124
Conc: 510.36 ng/ml



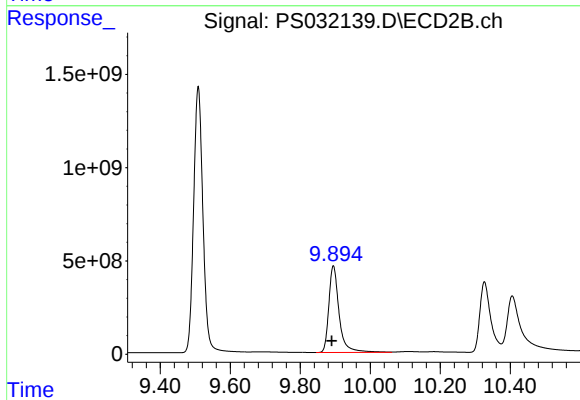
#11 2,4,5-TP (SILVEX)

R.T.: 9.280 min
Delta R.T.: 0.002 min
Response: 13651968798
Conc: 483.39 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB170221BS

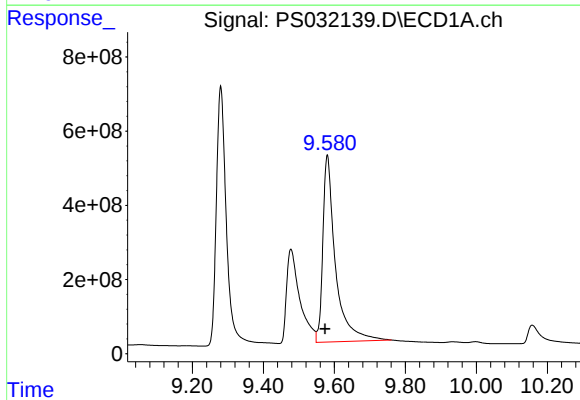
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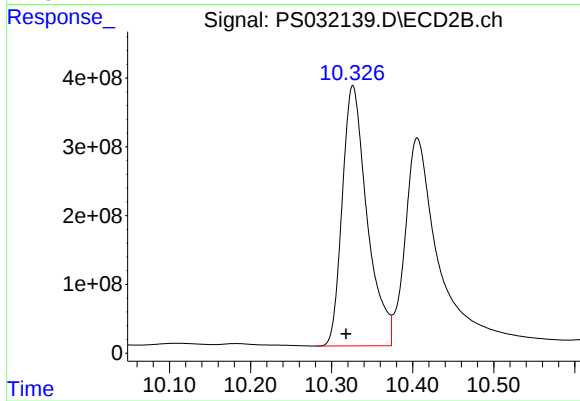
#11 2,4,5-TP (SILVEX)

R.T.: 9.895 min
Delta R.T.: 0.005 min
Response: 9520199280
Conc: 474.23 ng/ml



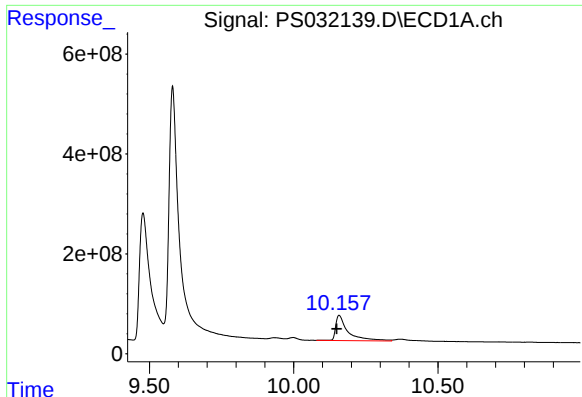
#12 2,4,5-T

R.T.: 9.580 min
Delta R.T.: 0.006 min
Response: 12443052593
Conc: 492.91 ng/ml



#12 2,4,5-T

R.T.: 10.326 min
Delta R.T.: 0.008 min
Response: 8063827867
Conc: 470.34 ng/ml



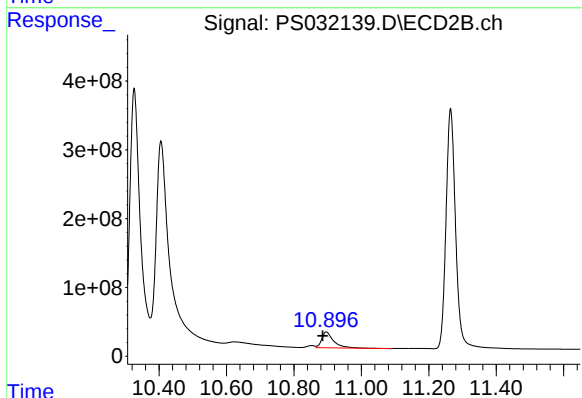
#13 2,4-DB

R.T.: 10.158 min
Delta R.T.: 0.009 min
Response: 1528545797
Conc: 493.03 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB170221BS

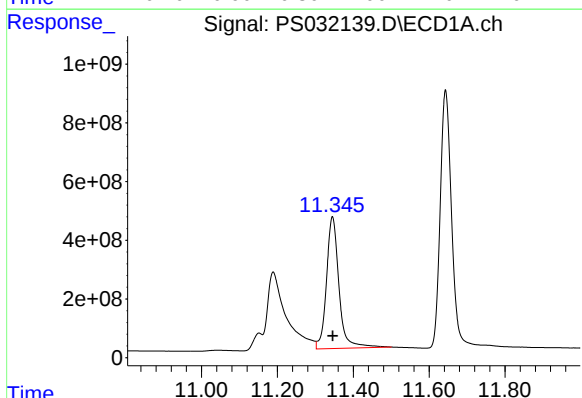
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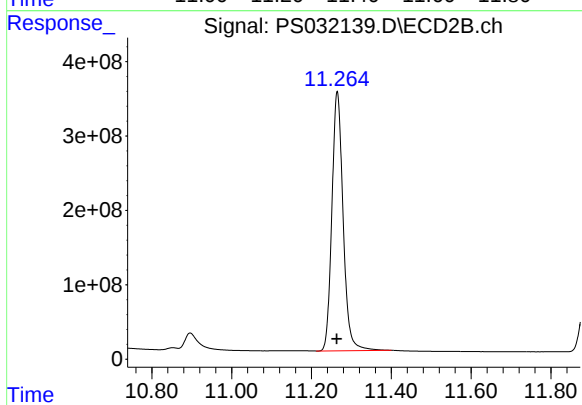
#13 2,4-DB

R.T.: 10.896 min
Delta R.T.: 0.011 min
Response: 557247556
Conc: 431.28 ng/ml



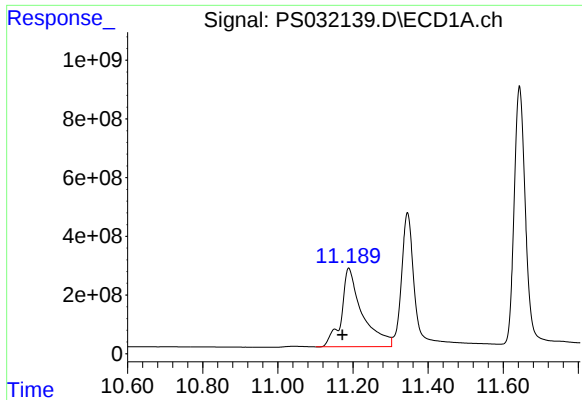
#14 DINOSEB

R.T.: 11.345 min
Delta R.T.: 0.000 min
Response: 10262601224
Conc: 460.19 ng/ml



#14 DINOSEB

R.T.: 11.265 min
Delta R.T.: 0.002 min
Response: 6803615838
Conc: 447.52 ng/ml



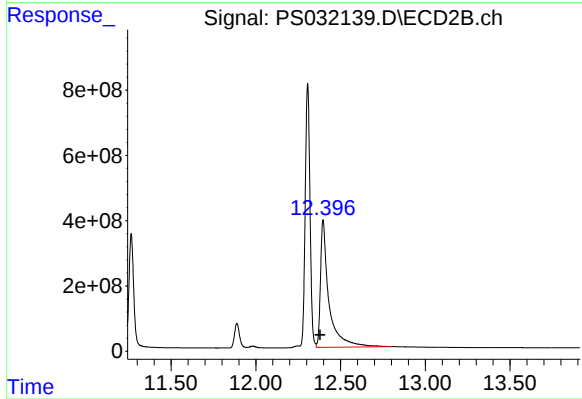
#15 Picloram

R.T.: 11.189 min
Delta R.T.: 0.017 min
Response: 10341370199
Conc: 438.61 ng/ml

Instrument :
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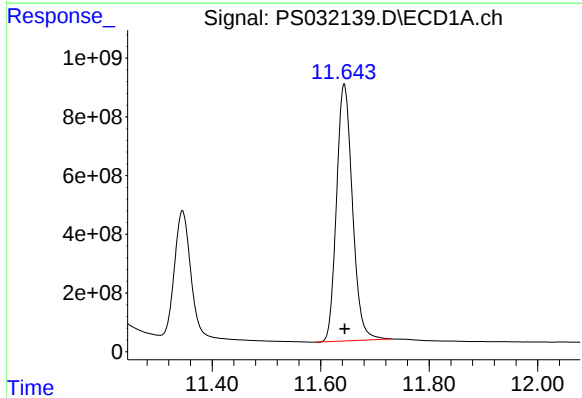
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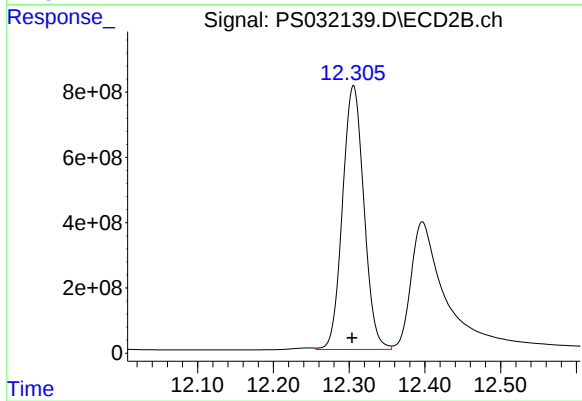
#15 Picloram

R.T.: 12.397 min
Delta R.T.: 0.018 min
Response: 13540057860
Conc: 406.71 ng/ml



#16 DCPA

R.T.: 11.643 min
Delta R.T.: -0.001 min
Response: 17818781317
Conc: 484.99 ng/ml



#16 DCPA

R.T.: 12.306 min
Delta R.T.: 0.002 min
Response: 15873379276
Conc: 477.95 ng/ml