

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS020725\
 Data File : PS029096.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Feb 2025 17:05
 Operator : AR\AJ
 Sample : PB166606BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PB166606BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 02/10/2025
 Supervised By : Ankita Jodhani 02/10/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 10 08:48:24 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS011425.M
 Quant Title : 8080.M
 QLast Update : Tue Feb 04 17:44:08 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 x 0.5 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	7.189	7.664	1559.4E6	549.1E6	575.427	496.194
Target Compounds							
1) T	Dalapon	2.611	2.661	1464.0E6	892.2E6	490.166	438.987
2) T	3,5-DICHL...	6.367	6.632	2113.4E6	758.9E6	541.357	463.155
3) T	4-Nitroph...	6.987	7.195	903.2E6	429.7E6	516.597	487.417
5) T	DICAMBA	7.373	7.859	6389.7E6	2738.1E6	548.106	490.767
6) T	MCPD	7.553	7.963	366.2E6	132.1E6	52.546m	43.608
7) T	MCPA	7.701	8.204	506.7E6	183.3E6	51.216	43.125
8) T	DICHLORPROP	8.075	8.571	1679.6E6	696.1E6	543.716	498.823
9) T	2,4-D	8.306	8.897	1766.9E6	715.1E6	535.888	481.396
10) T	Pentachlo...	8.600	9.417	26872.9E6	12316.7E6	591.793	540.109
11) T	2,4,5-TP ...	9.175	9.795	10335.5E6	4908.5E6	554.256	525.607
12) T	2,4,5-T	9.467	10.211	10302.2E6	4601.7E6	550.317	515.265
13) T	2,4-DB	10.036	10.775	1787.8E6	465.4E6	511.982	467.897
14) T	DINOSEB	11.237	11.151	8574.8E6	3151.3E6	532.029	496.296
15) T	Picloram	11.049	12.232	15591.5E6	6235.2E6	503.127	463.255
16) T	DCPA	11.532	12.188	15703.6E6	6201.7E6	563.032	550.343

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

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Operator : AR\AJ
Sample : PB166606BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

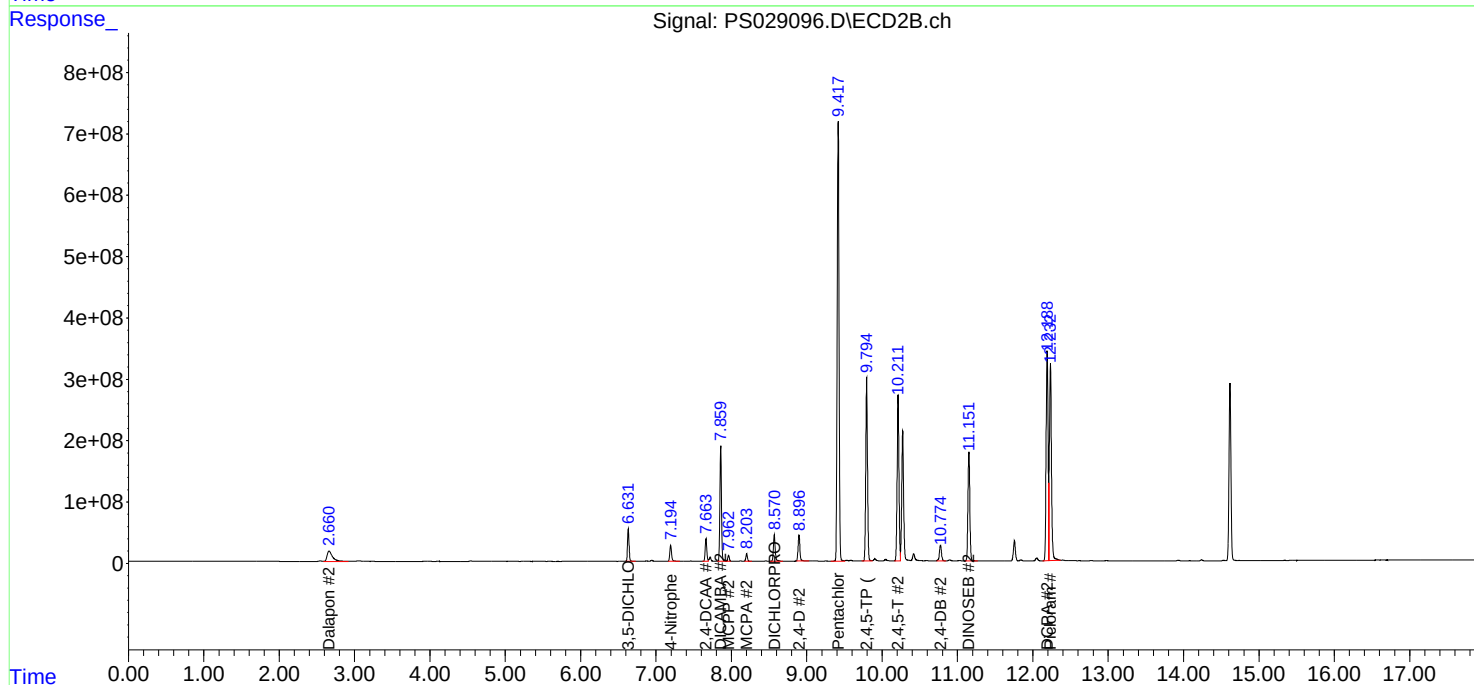
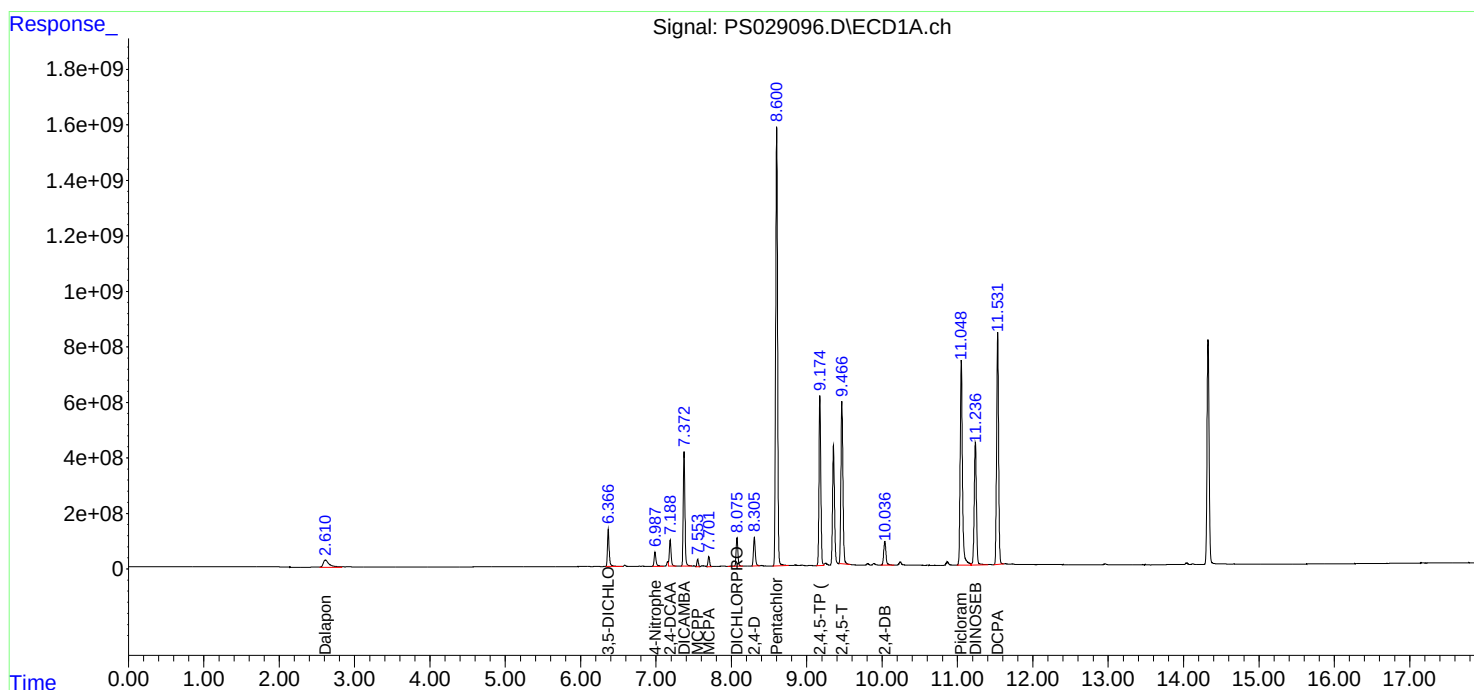
Instrument :
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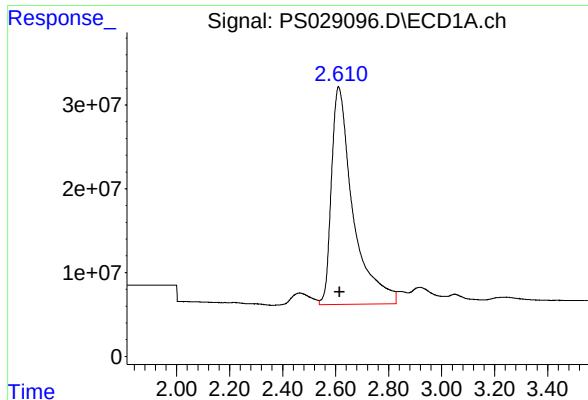
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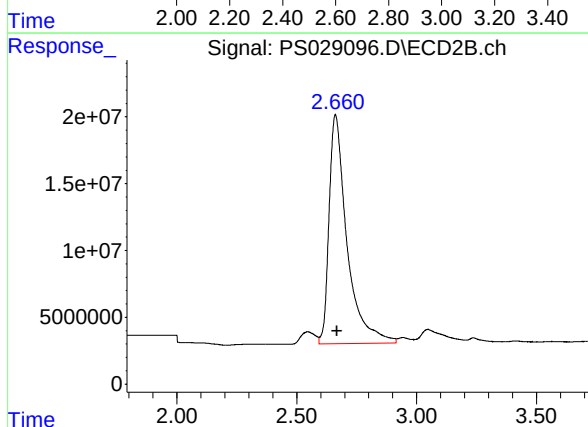
#1 Dalapon

R.T.: 2.611 min
Delta R.T.: -0.004 min
Response: 1464030213
Conc: 490.17 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB166606BS

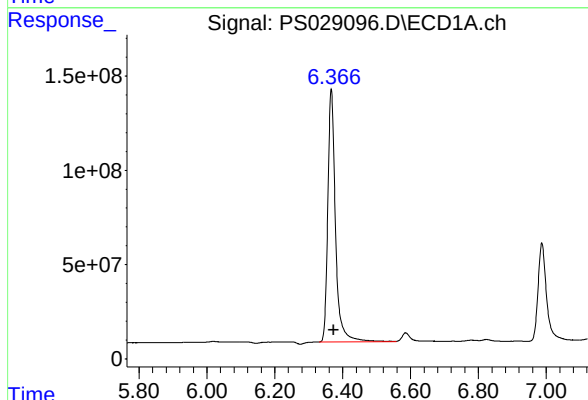
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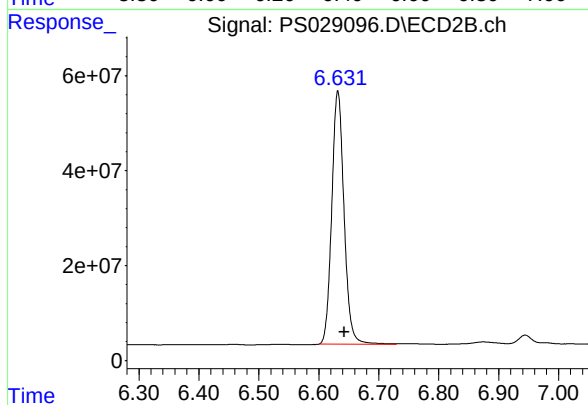
#1 Dalapon

R.T.: 2.661 min
Delta R.T.: -0.007 min
Response: 892224266
Conc: 438.99 ng/ml



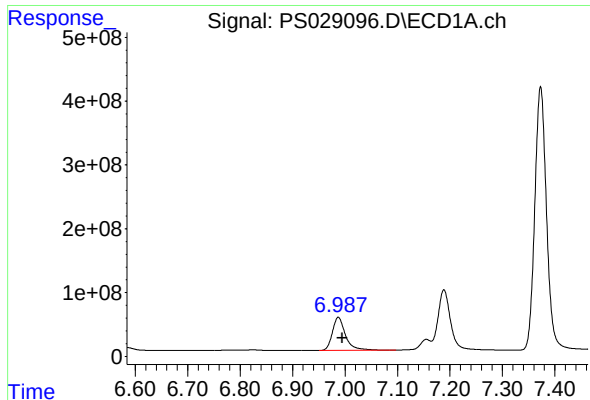
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.367 min
Delta R.T.: -0.008 min
Response: 2113414172
Conc: 541.36 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.632 min
Delta R.T.: -0.011 min
Response: 758940823
Conc: 463.16 ng/ml



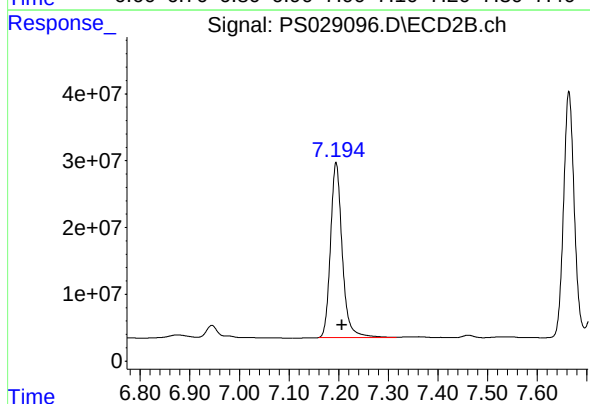
#3 4-Nitrophenol

R.T.: 6.987 min
Delta R.T.: -0.008 min
Response: 903234430
Conc: 516.60 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB166606BS

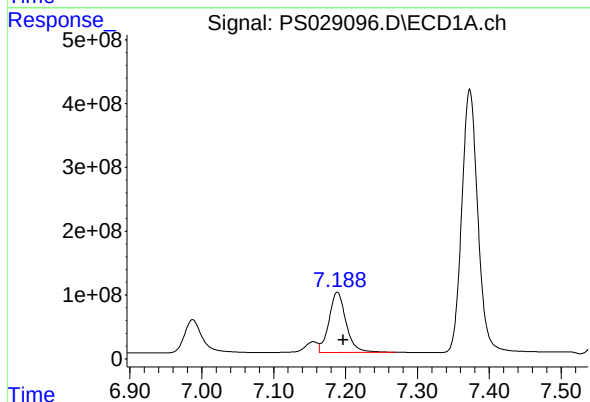
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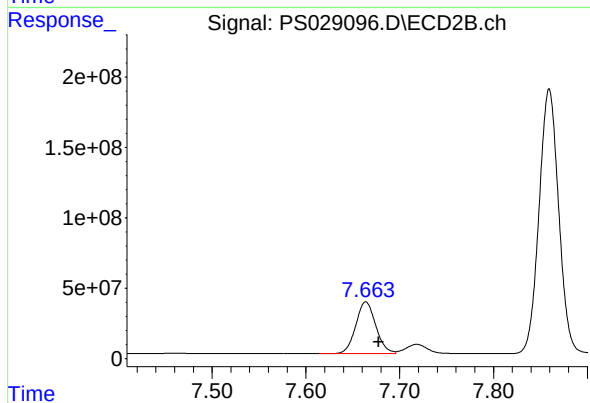
#3 4-Nitrophenol

R.T.: 7.195 min
Delta R.T.: -0.012 min
Response: 429720672
Conc: 487.42 ng/ml



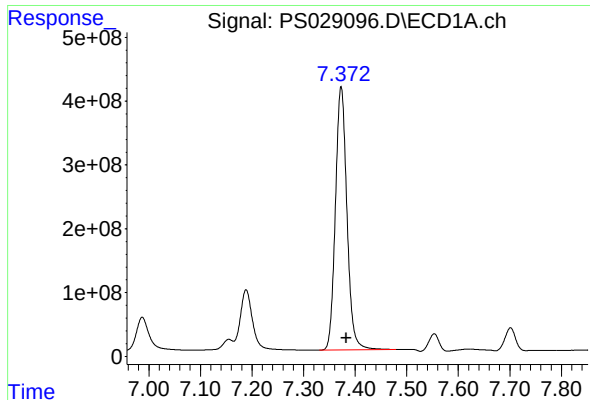
#4 2,4-DCAA

R.T.: 7.189 min
Delta R.T.: -0.008 min
Response: 1559386034
Conc: 575.43 ng/ml



#4 2,4-DCAA

R.T.: 7.664 min
Delta R.T.: -0.014 min
Response: 549121843
Conc: 496.19 ng/ml



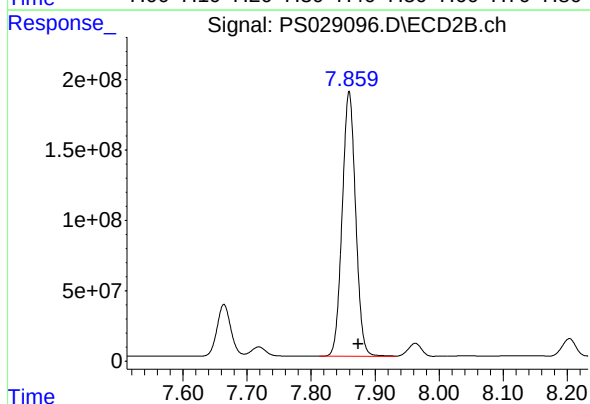
#5 DICAMBA

R.T.: 7.373 min
Delta R.T.: -0.010 min
Response: 6389669937
Conc: 548.11 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB166606BS

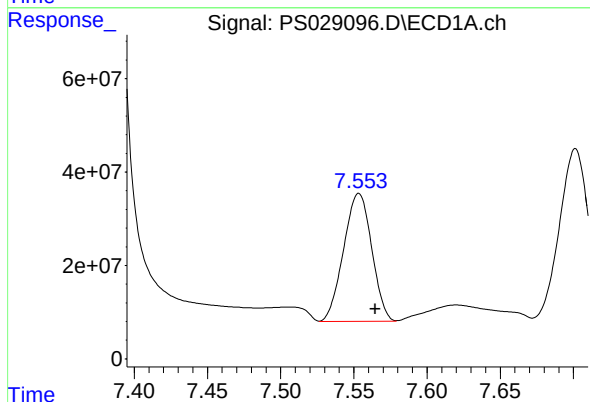
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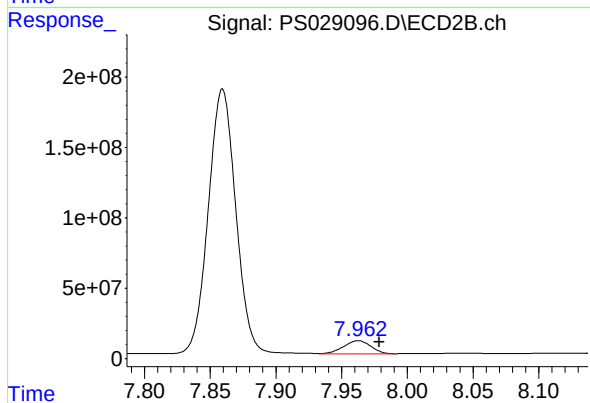
#5 DICAMBA

R.T.: 7.859 min
Delta R.T.: -0.015 min
Response: 2738067661
Conc: 490.77 ng/ml



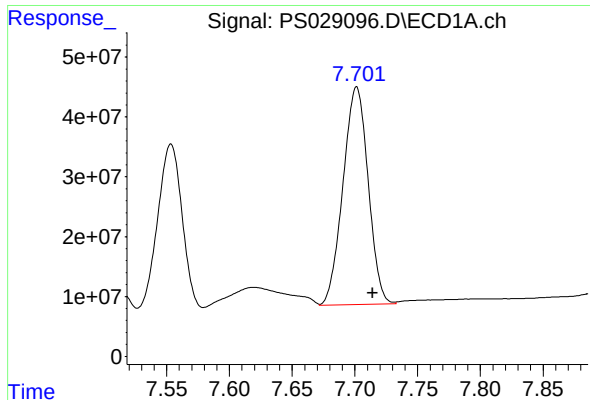
#6 MCPP

R.T.: 7.553 min
Delta R.T.: -0.012 min
Response: 366153071
Conc: 52.55 ug/ml m



#6 MCPP

R.T.: 7.963 min
Delta R.T.: -0.016 min
Response: 132100726
Conc: 43.61 ug/ml



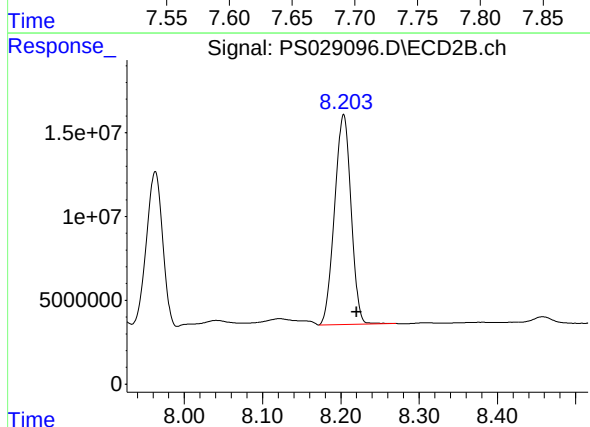
#7 MCPA

R.T.: 7.701 min
Delta R.T.: -0.013 min
Response: 506666533
Conc: 51.22 ug/ml

Instrument :
ECD_S
ClientSampleId :
PB166606BS

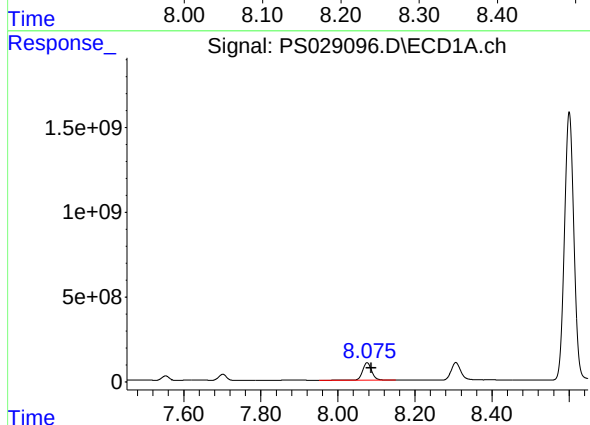
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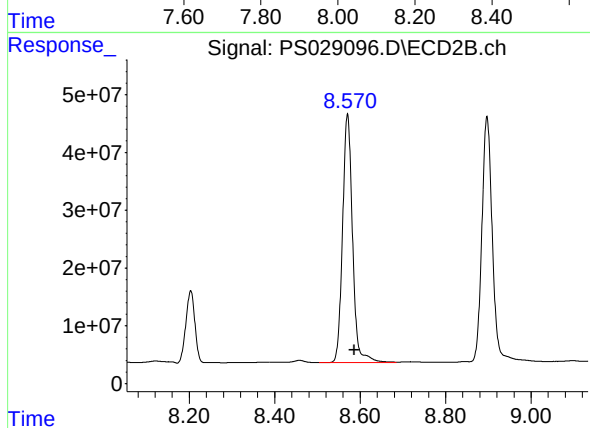
#7 MCPA

R.T.: 8.204 min
Delta R.T.: -0.017 min
Response: 183299801
Conc: 43.12 ug/ml



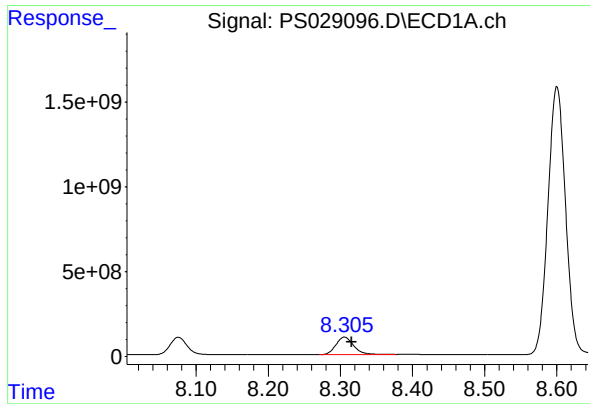
#8 DICHLORPROP

R.T.: 8.075 min
Delta R.T.: -0.011 min
Response: 1679597549
Conc: 543.72 ng/ml



#8 DICHLORPROP

R.T.: 8.571 min
Delta R.T.: -0.015 min
Response: 696139660
Conc: 498.82 ng/ml



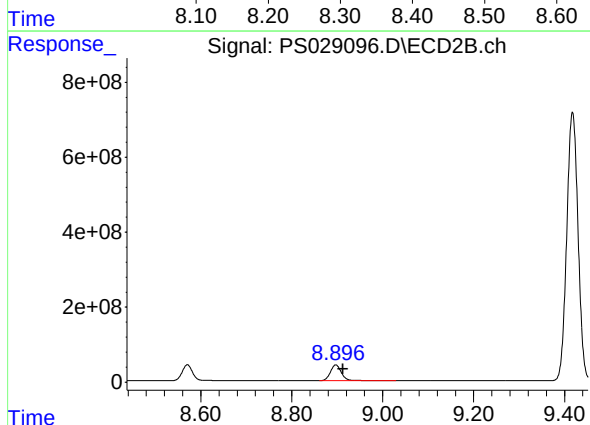
#9 2,4-D

R.T.: 8.306 min
Delta R.T.: -0.010 min
Response: 1766855615
Conc: 535.89 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB166606BS

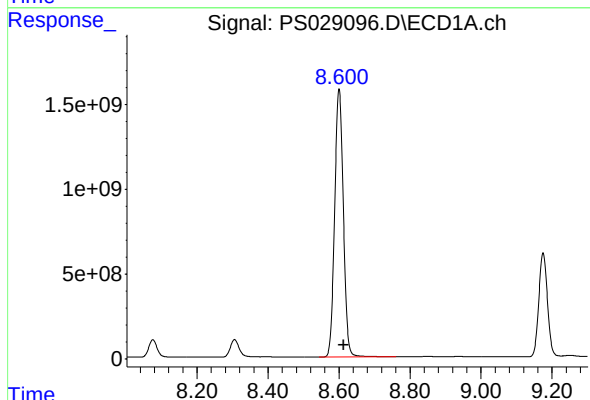
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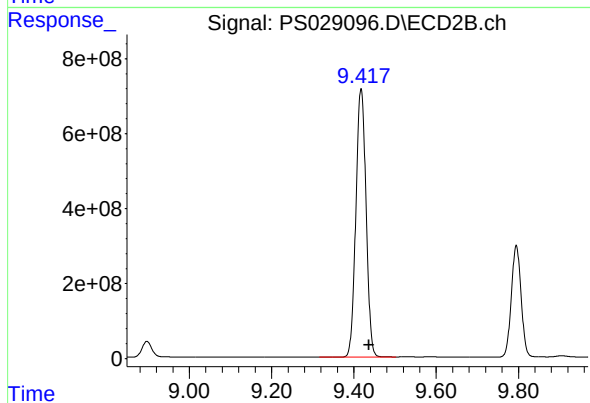
#9 2,4-D

R.T.: 8.897 min
Delta R.T.: -0.016 min
Response: 715096983
Conc: 481.40 ng/ml



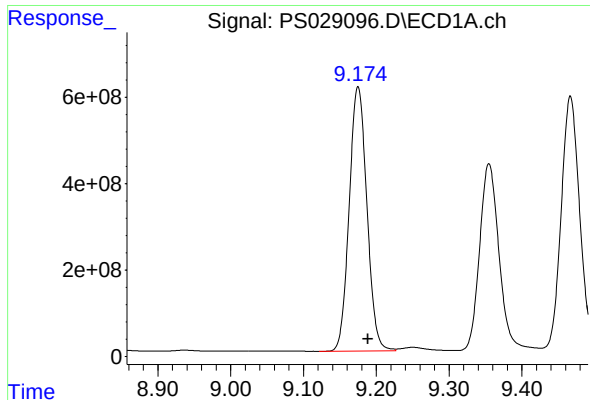
#10 Pentachlorophenol

R.T.: 8.600 min
Delta R.T.: -0.013 min
Response: 26872931789
Conc: 591.79 ng/ml



#10 Pentachlorophenol

R.T.: 9.417 min
Delta R.T.: -0.019 min
Response: 12316683134
Conc: 540.11 ng/ml



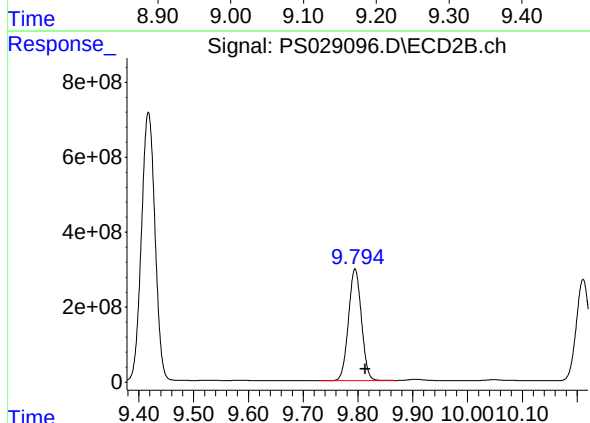
#11 2,4,5-TP (SILVEX)

R.T.: 9.175 min
Delta R.T.: -0.014 min
Response: 10335544871
Conc: 554.26 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB166606BS

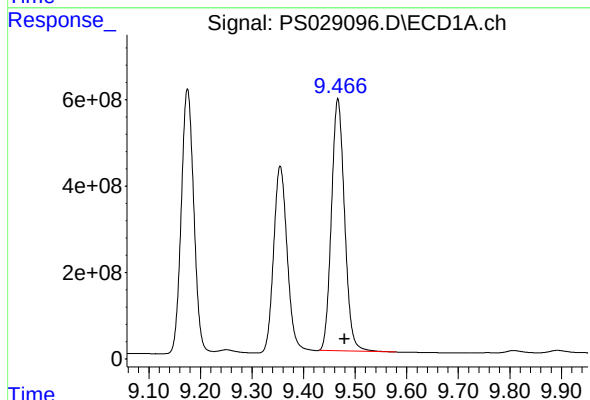
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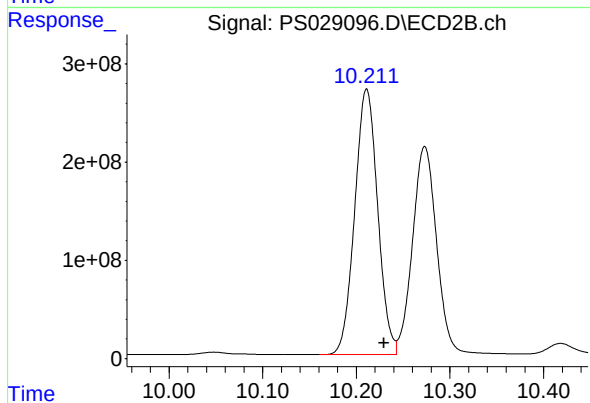
#11 2,4,5-TP (SILVEX)

R.T.: 9.795 min
Delta R.T.: -0.018 min
Response: 4908467531
Conc: 525.61 ng/ml



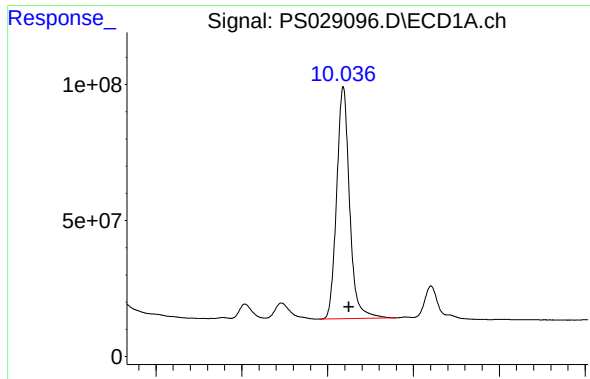
#12 2,4,5-T

R.T.: 9.467 min
Delta R.T.: -0.013 min
Response: 10302221419
Conc: 550.32 ng/ml



#12 2,4,5-T

R.T.: 10.211 min
Delta R.T.: -0.019 min
Response: 4601694839
Conc: 515.27 ng/ml



#13 2,4-DB

R.T.: 10.036 min
Delta R.T.: -0.014 min
Response: 1787787910
Conc: 511.98 ng/ml

Instrument :

ECD_S

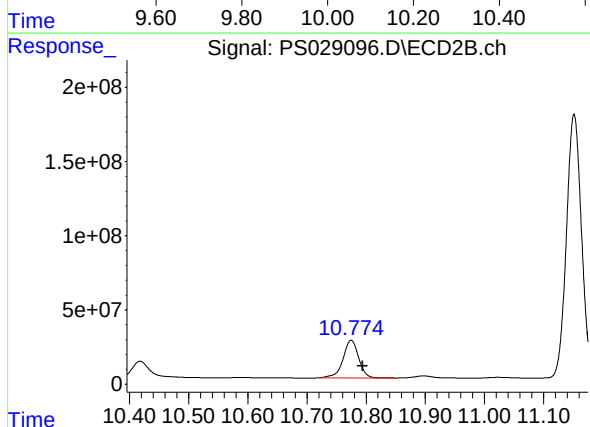
ClientSampleId :

PB166606BS

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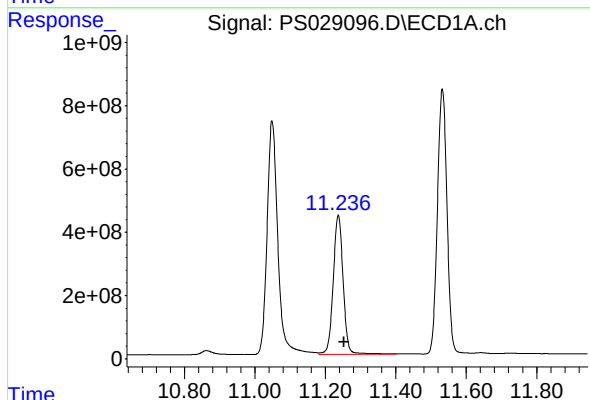
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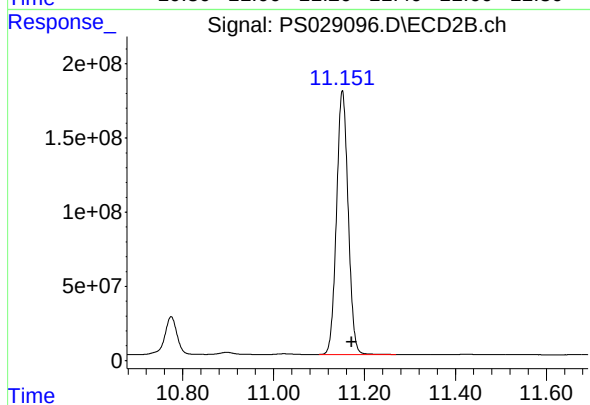
#13 2,4-DB

R.T.: 10.775 min
Delta R.T.: -0.019 min
Response: 465352754
Conc: 467.90 ng/ml



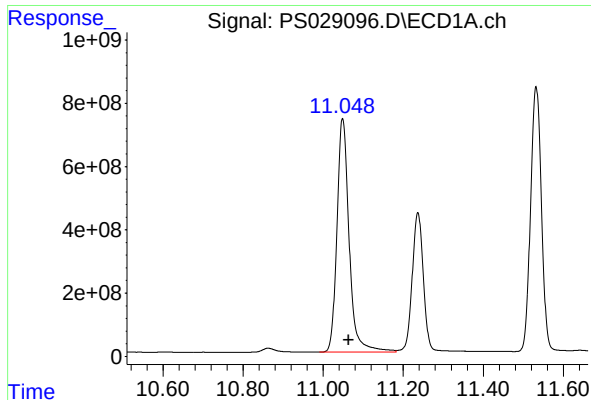
#14 DINOSEB

R.T.: 11.237 min
Delta R.T.: -0.017 min
Response: 8574848193
Conc: 532.03 ng/ml



#14 DINOSEB

R.T.: 11.151 min
Delta R.T.: -0.021 min
Response: 3151307436
Conc: 496.30 ng/ml



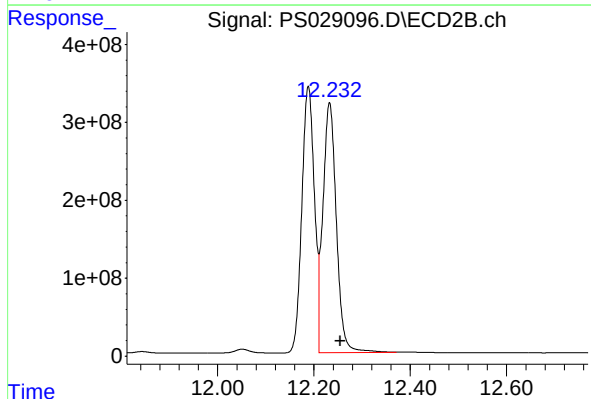
#15 Picloram

R.T.: 11.049 min
Delta R.T.: -0.015 min
Response: 15591542884
Conc: 503.13 ng/ml

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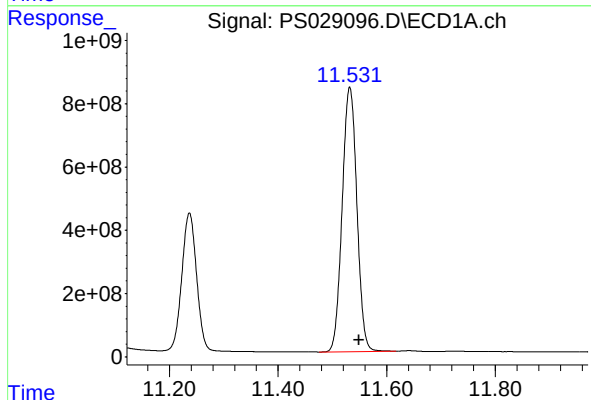
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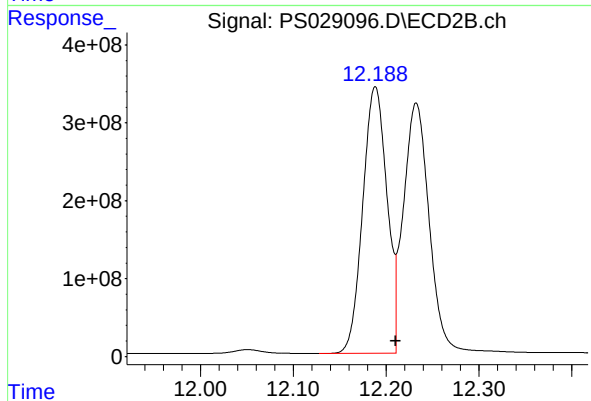
#15 Picloram

R.T.: 12.232 min
Delta R.T.: -0.022 min
Response: 6235199008
Conc: 463.25 ng/ml



#16 DCPA

R.T.: 11.532 min
Delta R.T.: -0.017 min
Response: 15703558477
Conc: 563.03 ng/ml



#16 DCPA

R.T.: 12.188 min
Delta R.T.: -0.022 min
Response: 6201719228
Conc: 550.34 ng/ml