

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS051525\
 Data File : PS030226.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 May 2025 11:06
 Operator : AR\AJ
 Sample : PB167988BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PB167988BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/16/2025
 Supervised By : mohammad ahmed 05/20/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 16 04:20:45 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
 Quant Title : 8080.M
 QLast Update : Mon May 12 14:29:24 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	6.933	7.452	1645.9E6	463.5E6	577.970	579.286
Target Compounds							
1) T	Dalapon	2.446	2.520	2536.7E6	1038.9E6	516.083	511.532
2) T	3,5-DICHL...	6.138	6.452	2238.3E6	601.0E6	536.703	515.526
3) T	4-Nitroph...	6.724	6.987	1077.5E6	499.9E6	521.621	478.845
5) T	DICAMBA	7.109	7.638	6328.7E6	2575.0E6	547.587	544.626
6) T	MCPD	7.287	7.744	408.7E6	100.5E6	56.122	54.604
7) T	MCPA	7.429	7.974	547.5E6	142.7E6	52.739	54.117
8) T	DICHLORPROP	7.789	8.330	1591.7E6	639.0E6	544.841	540.829
9) T	2,4-D	8.010	8.642	1795.1E6	712.1E6	547.473	551.798
10) T	Pentachlo...	8.286	9.142	22961.6E6	13909.9E6	566.942	563.496
11) T	2,4,5-TP ...	8.850	9.520	9055.3E6	5485.4E6	559.108	556.869
12) T	2,4,5-T	9.132	9.924	9240.8E6	5082.1E6	559.533	552.181
13) T	2,4-DB	9.690	10.483	1501.6E6	489.8E6	575.382	493.568
14) T	DINOSEB	10.850	10.855	6265.0E6	3698.8E6	547.818	541.393
15) T	Picloram	10.670	11.891	11617.5E6	7504.6E6	543.203	533.259m
16) T	DCPA	11.151	11.887	11278.0E6	6983.4E6	566.408	516.883m

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

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Acq On : 15 May 2025 11:06
Operator : AR\AJ
Sample : PB167988BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

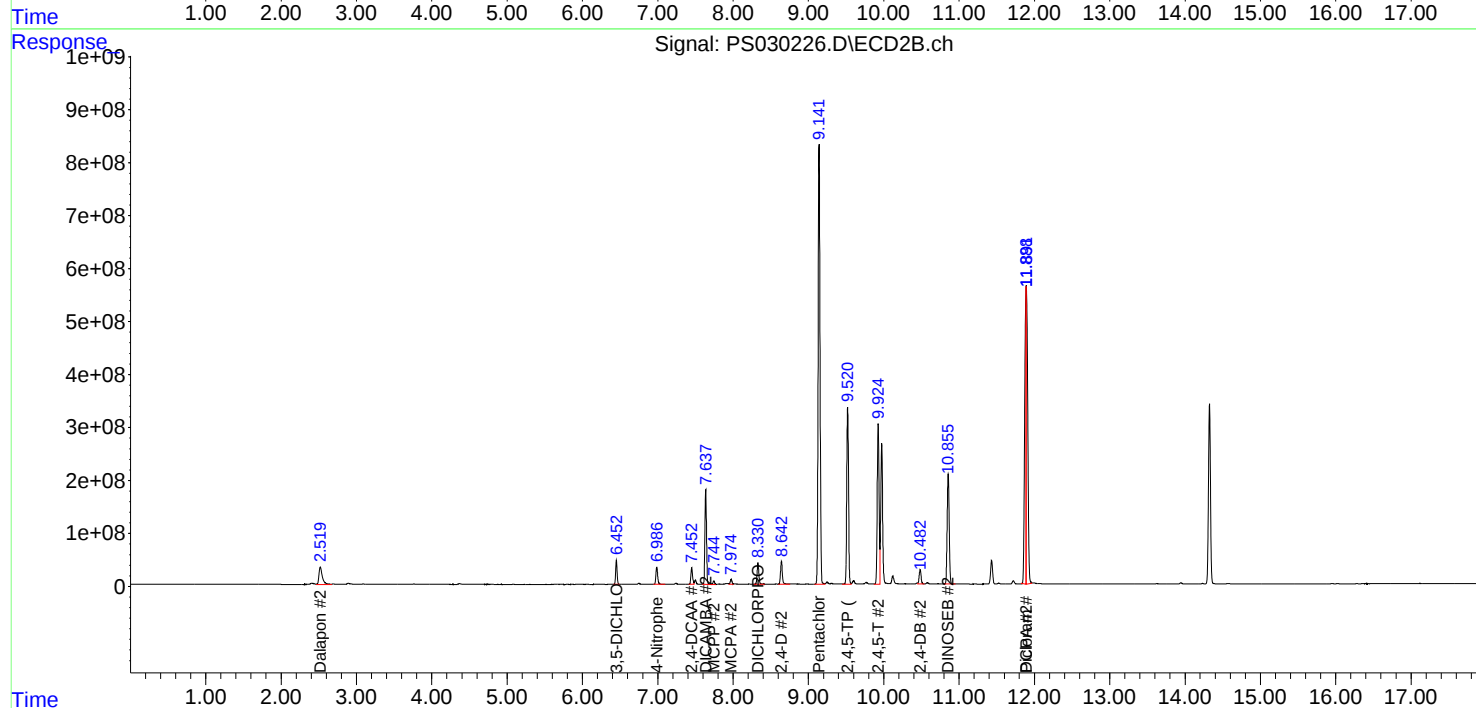
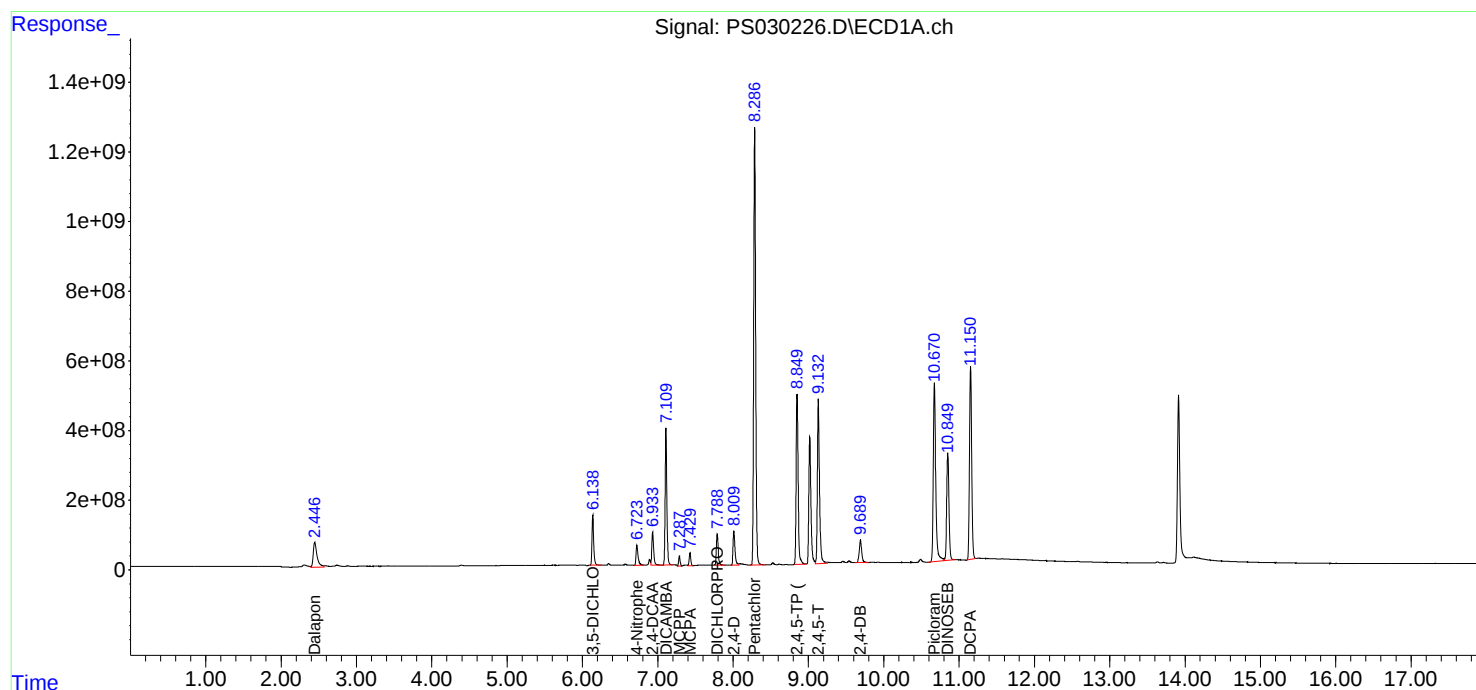
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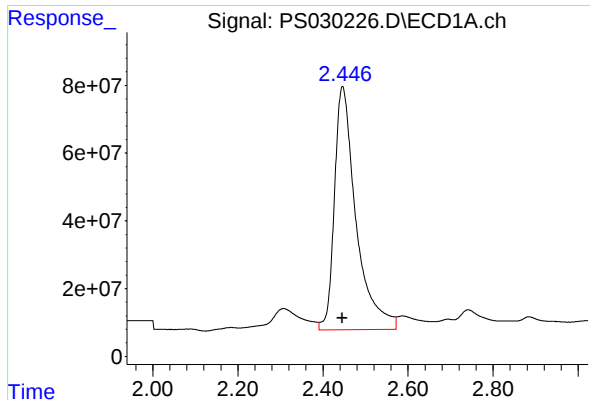
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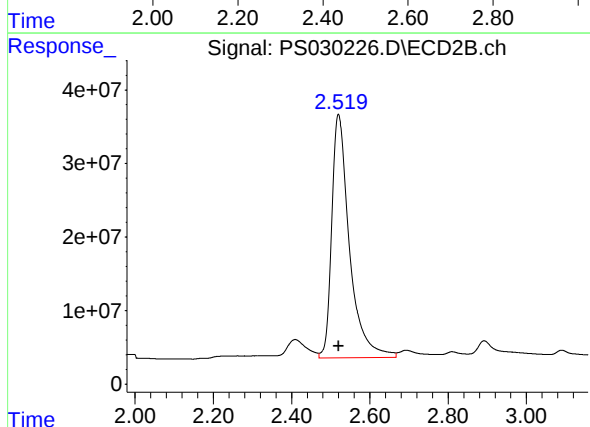
#1 Dalapon

R.T.: 2.446 min
Delta R.T.: 0.000 min
Response: 2536735829
Conc: 516.08 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167988BS

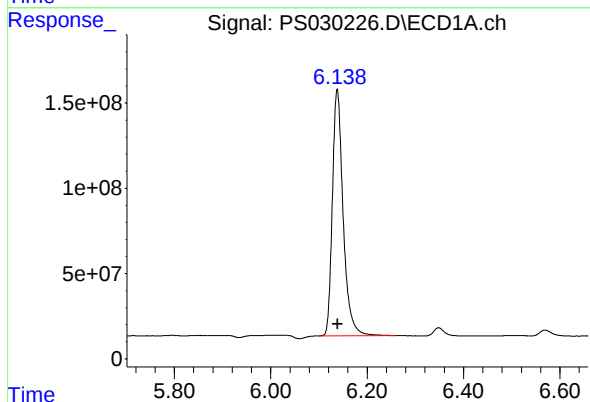
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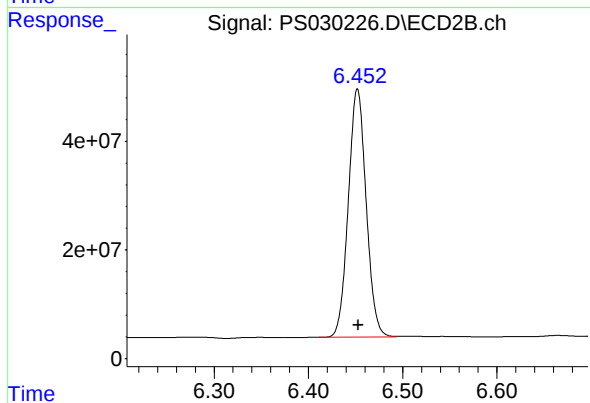
#1 Dalapon

R.T.: 2.520 min
Delta R.T.: 0.000 min
Response: 1038946846
Conc: 511.53 ng/ml



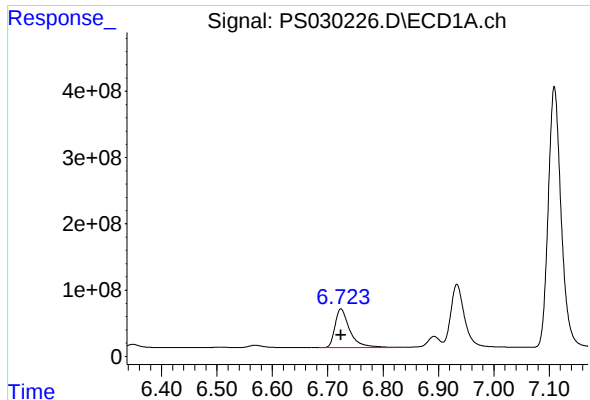
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.138 min
Delta R.T.: 0.000 min
Response: 2238347294
Conc: 536.70 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.452 min
Delta R.T.: -0.001 min
Response: 601015678
Conc: 515.53 ng/ml



#3 4-Nitrophenol

R.T.: 6.724 min
Delta R.T.: 0.000 min
Response: 1077467106
Conc: 521.62 ng/ml

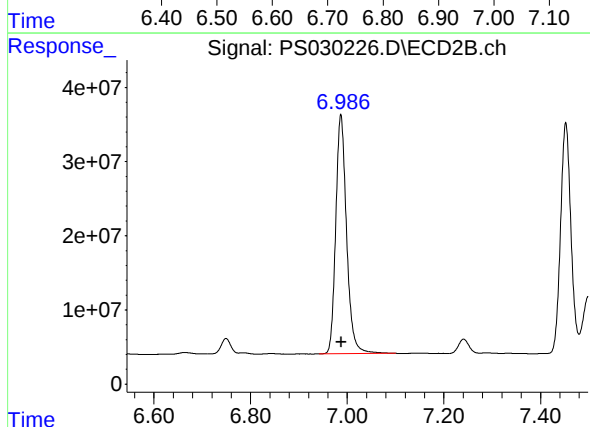
Instrument :

ECD_S

ClientSampleId :
PB167988BS

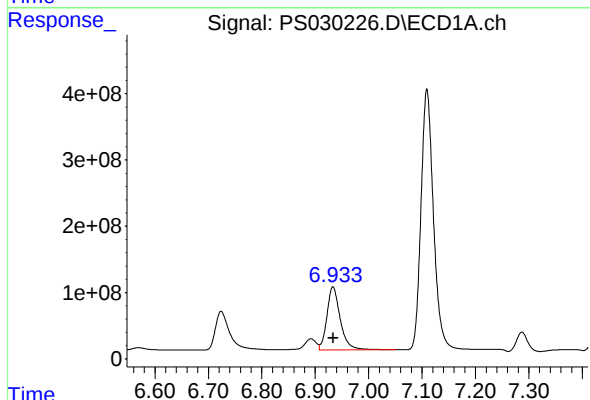
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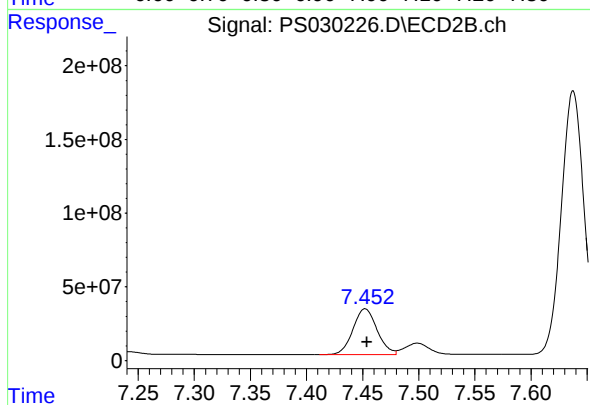
#3 4-Nitrophenol

R.T.: 6.987 min
Delta R.T.: -0.002 min
Response: 499929455
Conc: 478.85 ng/ml



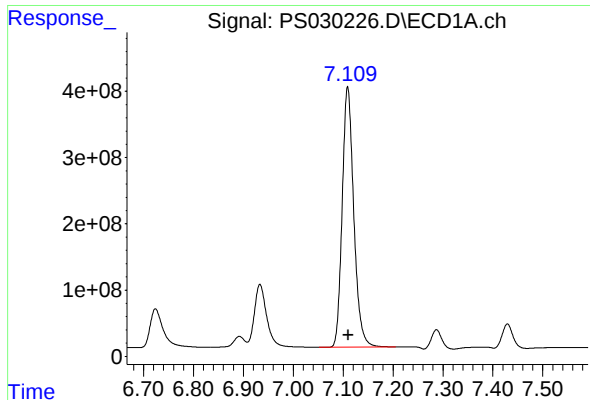
#4 2,4-DCAA

R.T.: 6.933 min
Delta R.T.: 0.000 min
Response: 1645948974
Conc: 577.97 ng/ml



#4 2,4-DCAA

R.T.: 7.452 min
Delta R.T.: -0.002 min
Response: 463546423
Conc: 579.29 ng/ml



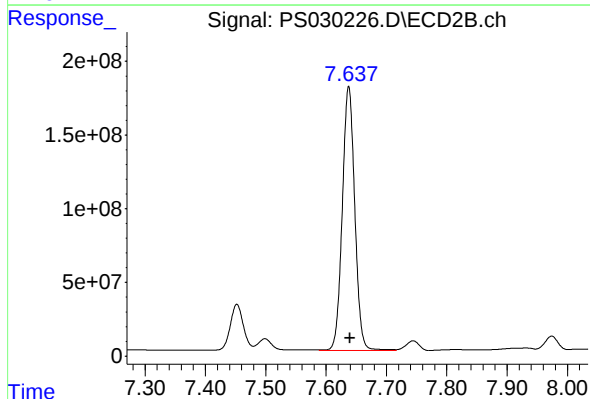
#5 DICAMBA

R.T.: 7.109 min
Delta R.T.: 0.000 min
Response: 6328662787
Conc: 547.59 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167988BS

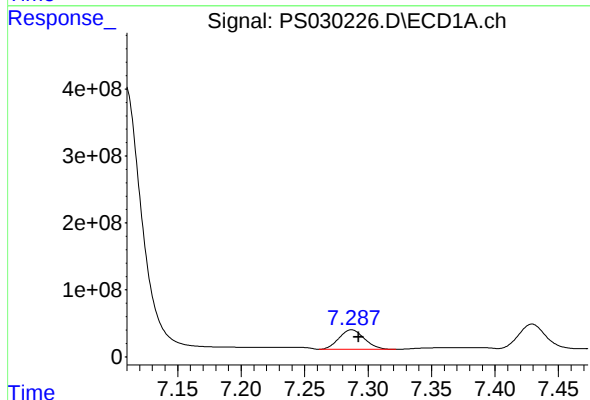
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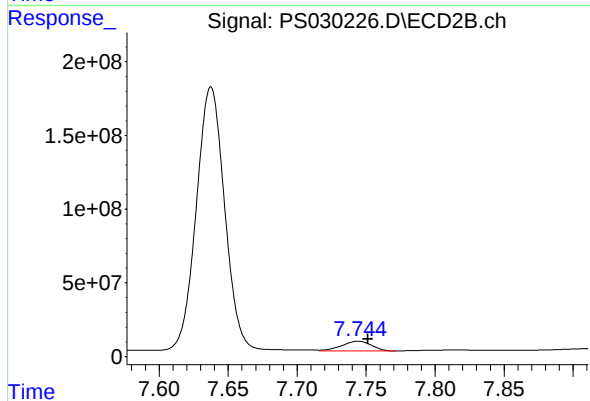
#5 DICAMBA

R.T.: 7.638 min
Delta R.T.: -0.002 min
Response: 2574977925
Conc: 544.63 ng/ml



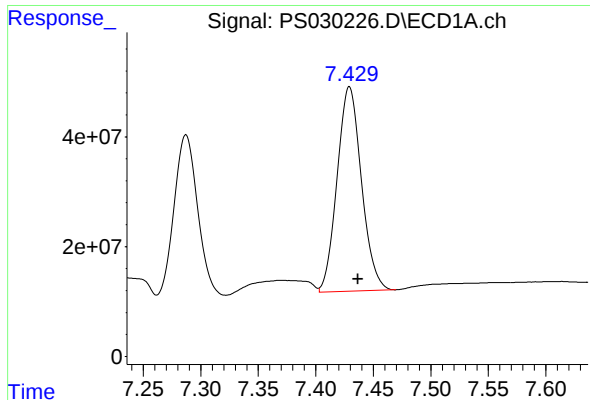
#6 MCPP

R.T.: 7.287 min
Delta R.T.: -0.006 min
Response: 408721683
Conc: 56.12 ug/ml



#6 MCPP

R.T.: 7.744 min
Delta R.T.: -0.007 min
Response: 100458350
Conc: 54.60 ug/ml



#7 MCPA

R.T.: 7.429 min
Delta R.T.: -0.008 min
Response: 547477015
Conc: 52.74 ug/ml

Instrument :

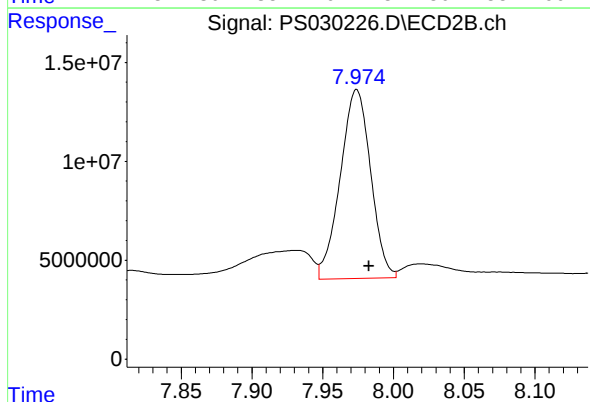
ECD_S

ClientSampleId :

PB167988BS

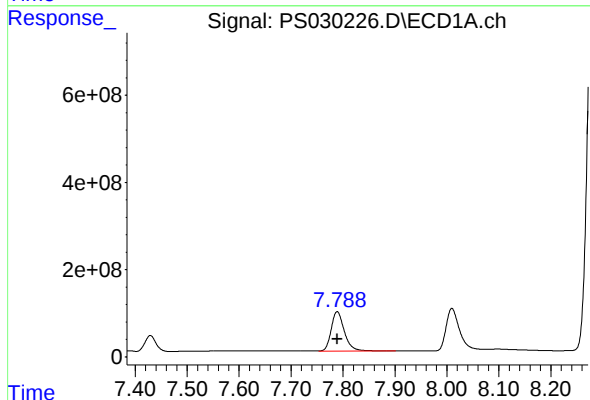
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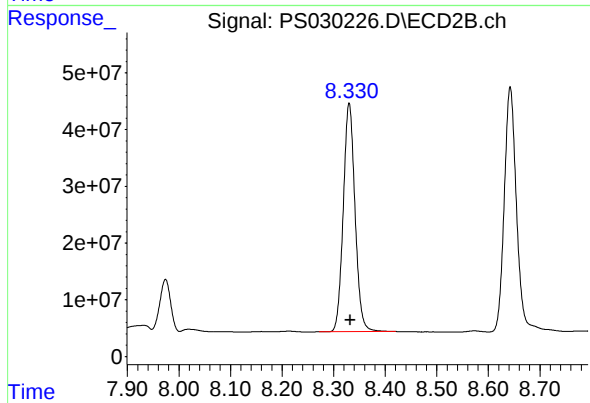
#7 MCPA

R.T.: 7.974 min
Delta R.T.: -0.009 min
Response: 142744806
Conc: 54.12 ug/ml



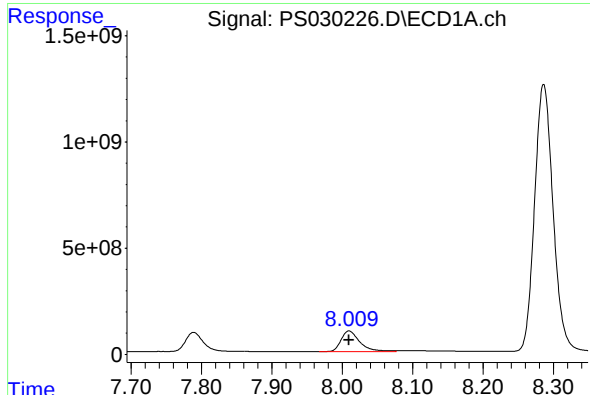
#8 DICHLORPROP

R.T.: 7.789 min
Delta R.T.: 0.000 min
Response: 1591666836
Conc: 544.84 ng/ml



#8 DICHLORPROP

R.T.: 8.330 min
Delta R.T.: -0.003 min
Response: 638953096
Conc: 540.83 ng/ml



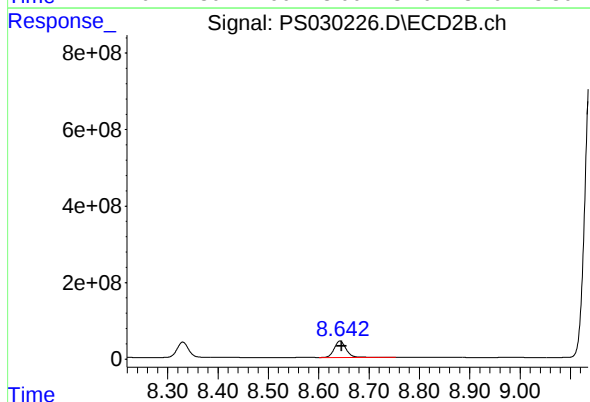
#9 2,4-D

R.T.: 8.010 min
Delta R.T.: 0.000 min
Response: 1795128324
Conc: 547.47 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167988BS

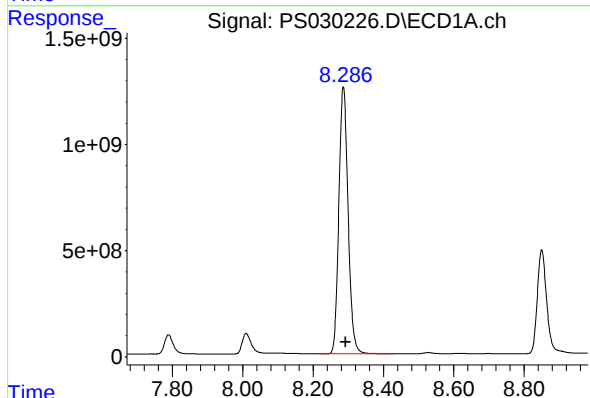
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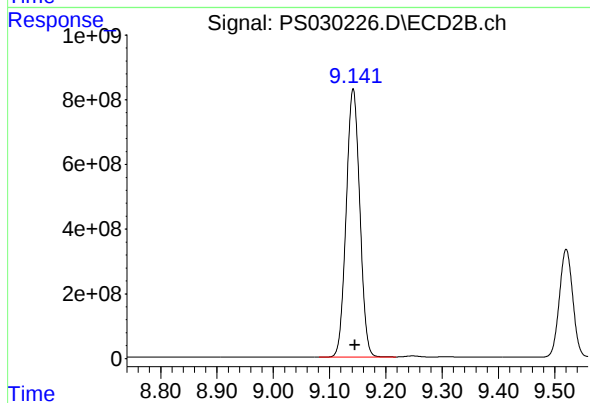
#9 2,4-D

R.T.: 8.642 min
Delta R.T.: -0.003 min
Response: 712095232
Conc: 551.80 ng/ml



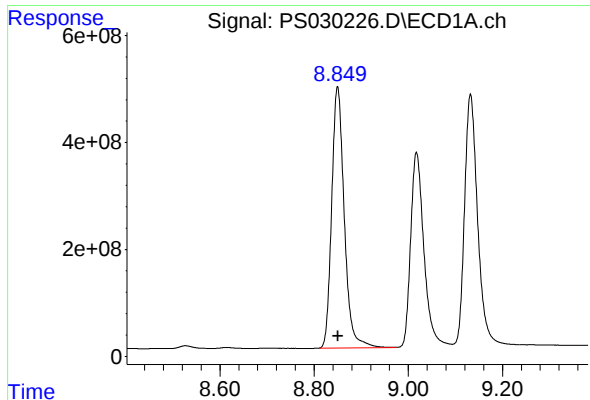
#10 Pentachlorophenol

R.T.: 8.286 min
Delta R.T.: -0.007 min
Response: 22961589243
Conc: 566.94 ng/ml



#10 Pentachlorophenol

R.T.: 9.142 min
Delta R.T.: -0.003 min
Response: 13909883219
Conc: 563.50 ng/ml



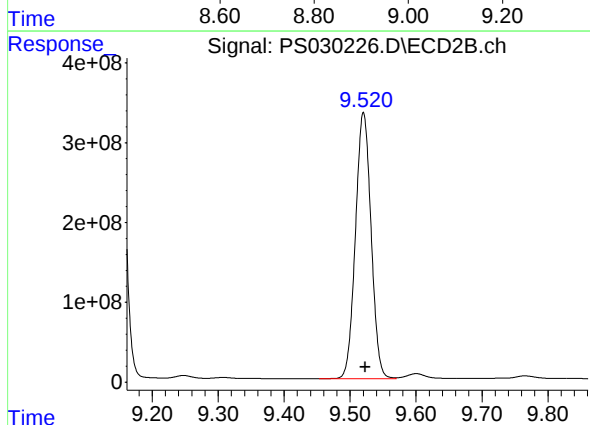
#11 2,4,5-TP (SILVEX)

R.T.: 8.850 min
Delta R.T.: 0.000 min
Response: 9055311572
Conc: 559.11 ng/ml

Instrument :
ECD_S
ClientSampleId :
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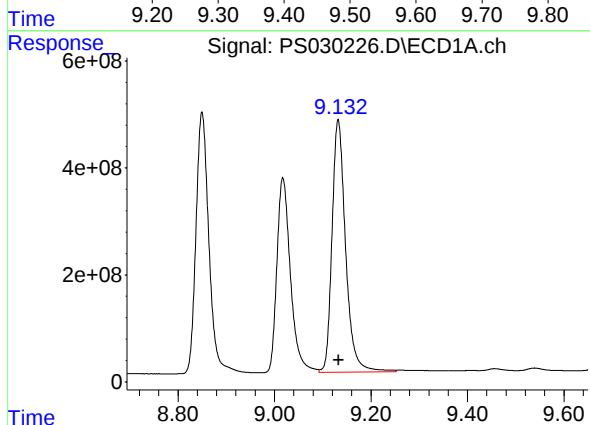
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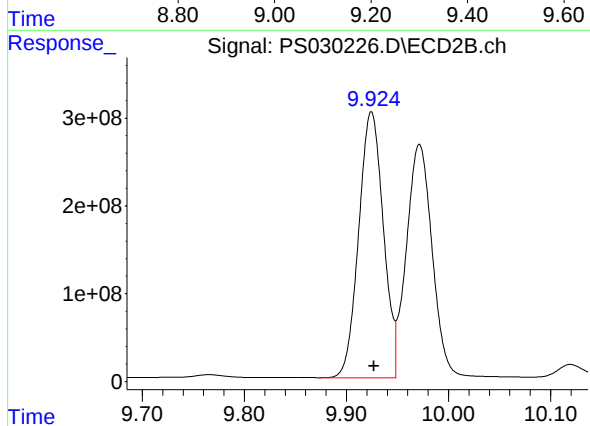
#11 2,4,5-TP (SILVEX)

R.T.: 9.520 min
Delta R.T.: -0.003 min
Response: 5485394152
Conc: 556.87 ng/ml



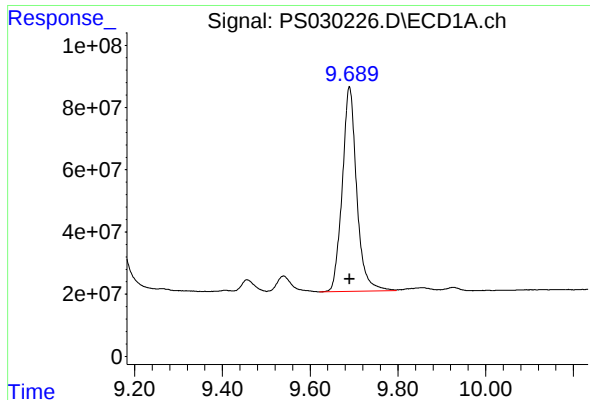
#12 2,4,5-T

R.T.: 9.132 min
Delta R.T.: 0.000 min
Response: 9240802728
Conc: 559.53 ng/ml



#12 2,4,5-T

R.T.: 9.924 min
Delta R.T.: -0.003 min
Response: 5082055217
Conc: 552.18 ng/ml



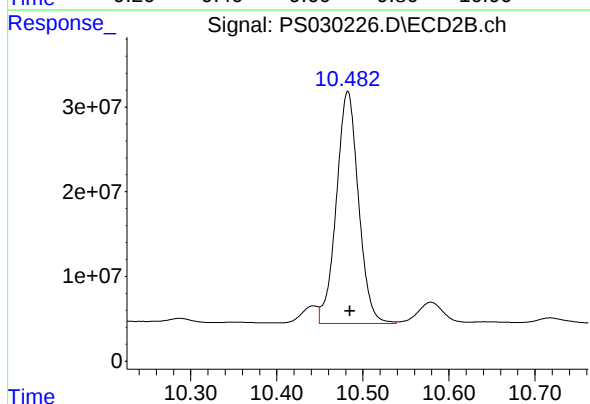
#13 2,4-DB

R.T.: 9.690 min
Delta R.T.: 0.000 min
Response: 1501615599
Conc: 575.38 ng/ml

Instrument :
ECD_S
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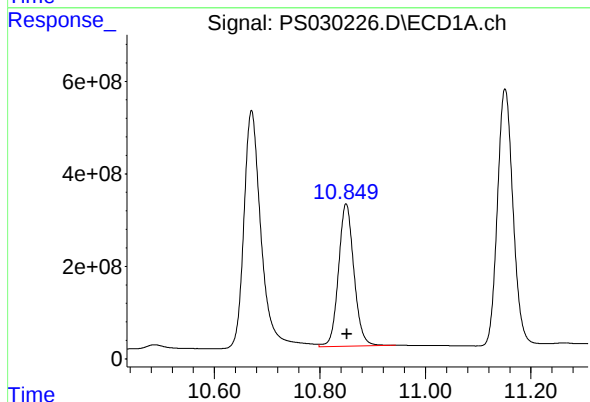
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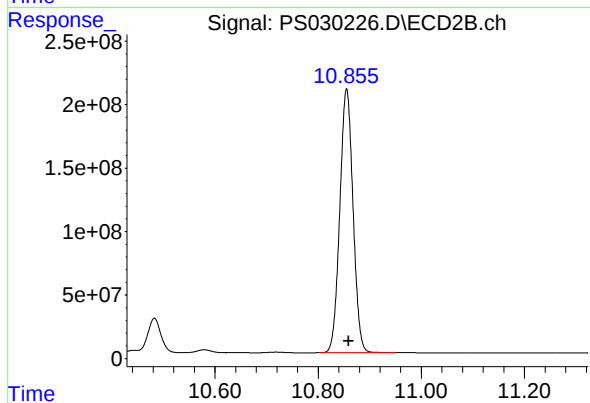
#13 2,4-DB

R.T.: 10.483 min
Delta R.T.: -0.002 min
Response: 489802631
Conc: 493.57 ng/ml



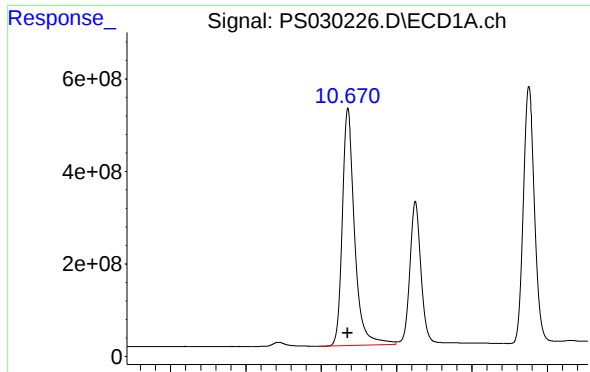
#14 DINOSEB

R.T.: 10.850 min
Delta R.T.: -0.002 min
Response: 6265047535
Conc: 547.82 ng/ml



#14 DINOSEB

R.T.: 10.855 min
Delta R.T.: -0.004 min
Response: 3698784421
Conc: 541.39 ng/ml



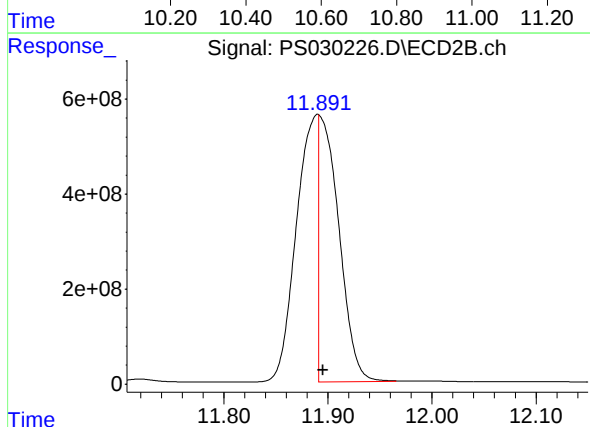
#15 Picloram

R.T.: 10.670 min
Delta R.T.: 0.000 min
Response: 11617477316
Conc: 543.20 ng/ml

Instrument :
ECD_S
ClientSampleId :
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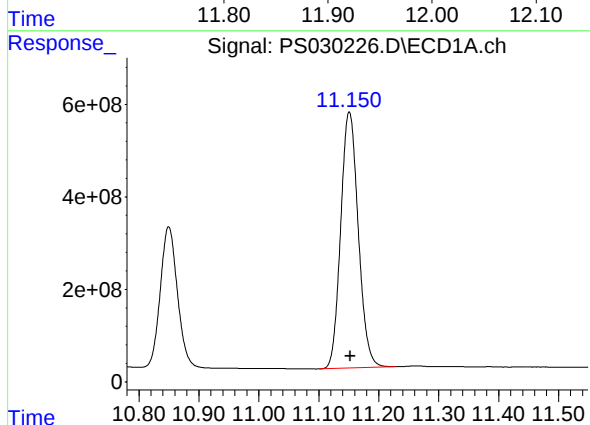
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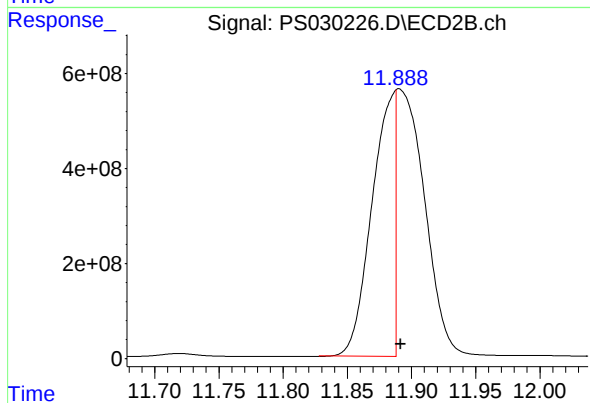
#15 Picloram

R.T.: 11.891 min
Delta R.T.: -0.004 min
Response: 7504615277
Conc: 533.26 ng/ml m



#16 DCPA

R.T.: 11.151 min
Delta R.T.: -0.002 min
Response: 11278020880
Conc: 566.41 ng/ml



#16 DCPA

R.T.: 11.887 min
Delta R.T.: -0.004 min
Response: 6983356702
Conc: 516.88 ng/ml m