

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS032825\
 Data File : PS029601.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Mar 2025 04:51
 Operator : AR\AJ
 Sample : PB167312BS
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PB167312BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/31/2025
 Supervised By : mohammad ahmed 04/01/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 28 07:22:42 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS032825.M
 Quant Title : 8080.M
 QLast Update : Thu Mar 27 12:24:58 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	7.117	7.535	2093.0E6	458.0E6	545.027	530.497
Target Compounds							
1) T	Dalapon	2.594	2.605	2904.8E6	984.7E6	489.973	474.711
2) T	3,5-DICHL...	6.306	6.524	2948.3E6	605.5E6	515.742	491.392
3) T	4-Nitroph...	6.926	7.072	583.3E6	391.8E6	548.190	484.965
5) T	DICAMBA	7.296	7.724	8530.5E6	2371.6E6	538.100	496.072
6) T	MCP	7.473	7.828	555.1E6	126.0E6	48.763	60.864
7) T	MCPA	7.619	8.064	695.6E6	140.4E6	48.369	48.835
8) T	DICHLORPROP	7.992	8.426	2058.2E6	564.4E6	468.618	453.106
9) T	2,4-D	8.224	8.746	2142.3E6	625.8E6	531.103	458.161
10) T	Pentachlo...	8.509	9.254	32305.6E6	11415.7E6	543.681	514.342
11) T	2,4,5-TP ...	9.083	9.631	11772.7E6	4369.7E6	505.372	495.167
12) T	2,4,5-T	9.375	10.041	11300.2E6	4052.9E6	548.597	508.477
13) T	2,4-DB	9.945	10.599	1164.7E6	408.6E6	609.979	444.606m#
14) T	DINOSEB	11.127	10.971	8881.4E6	2870.4E6	500.920	484.227m
15) T	Picloram	10.956	12.032	8138.6E6	5712.3E6	565.433	457.853
16) T	DCPA	11.424	11.997	15279.8E6	5795.0E6	529.978	516.869

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

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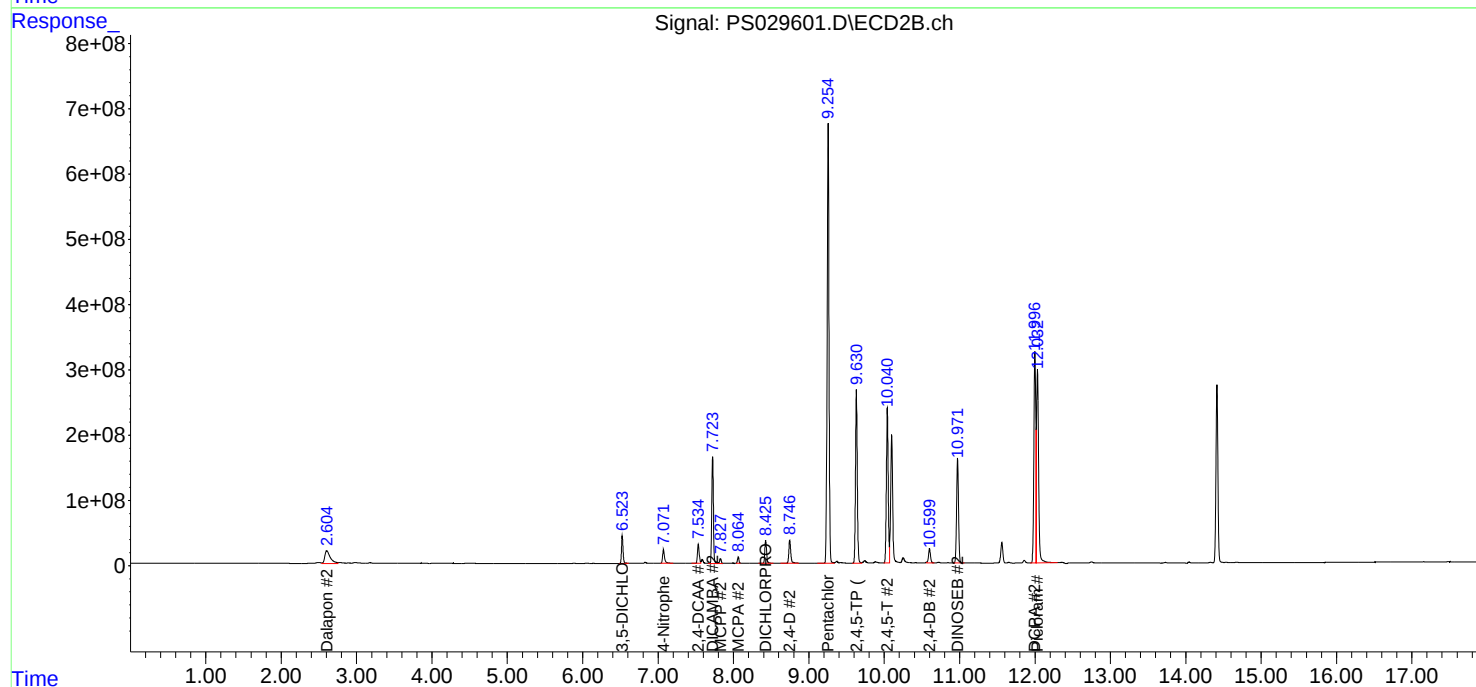
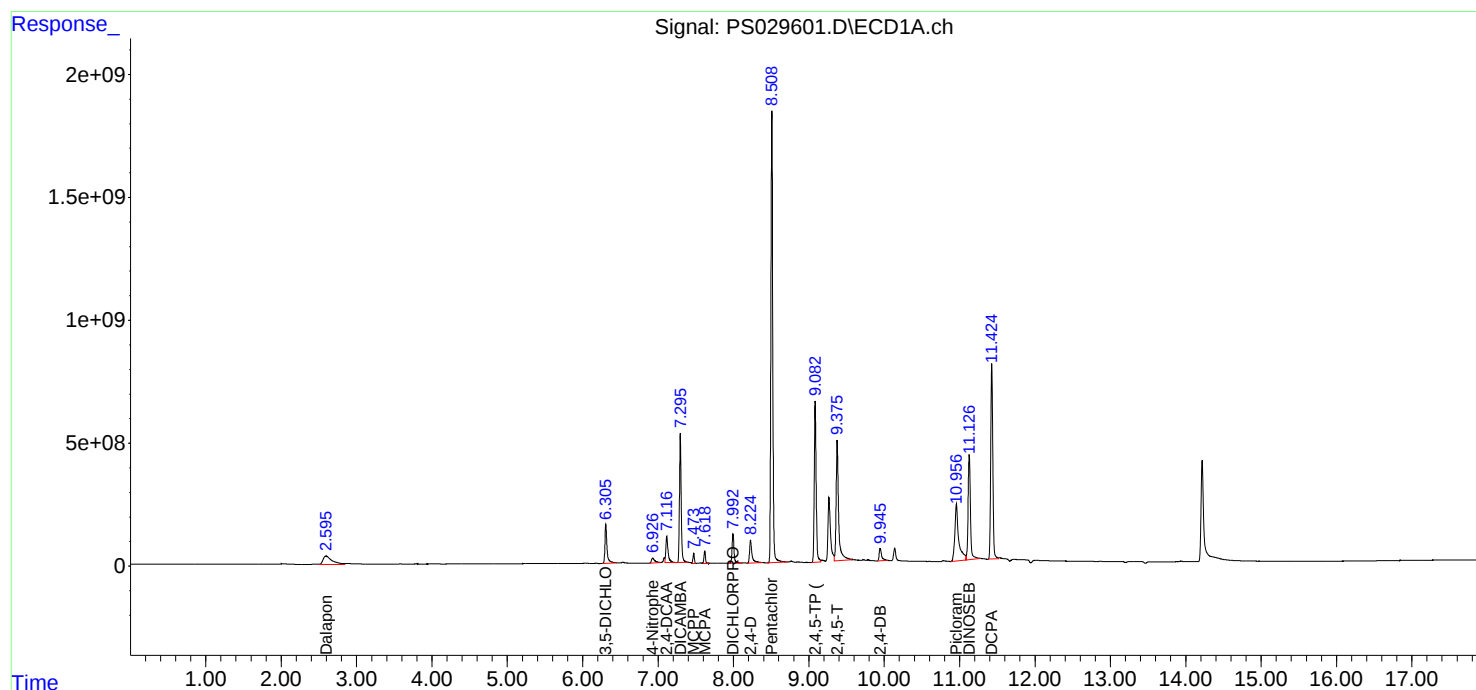
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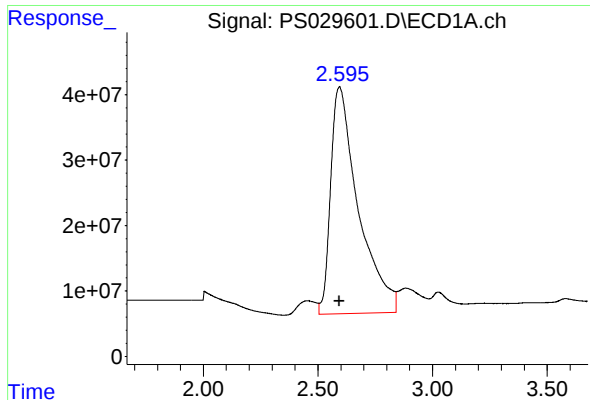
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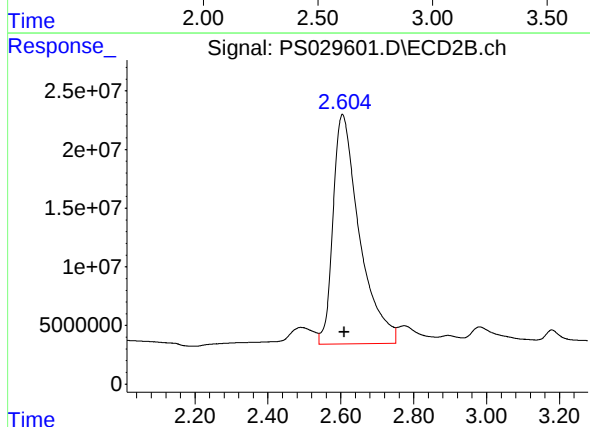
#1 Dalapon

R.T.: 2.594 min
Delta R.T.: 0.001 min
Response: 2904800768
Conc: 489.97 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167312BS

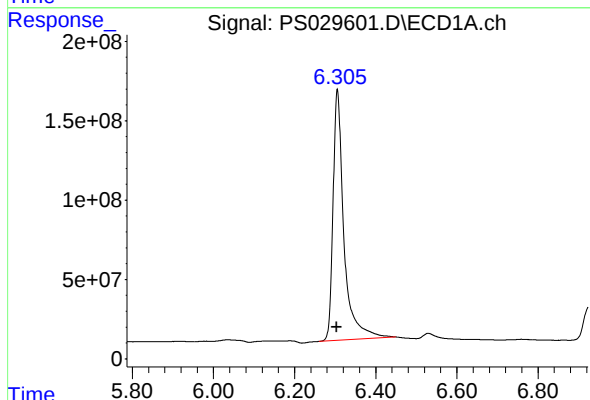
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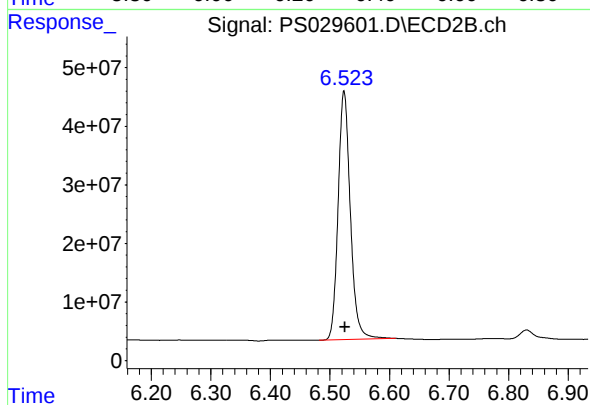
#1 Dalapon

R.T.: 2.605 min
Delta R.T.: -0.005 min
Response: 984690890
Conc: 474.71 ng/ml



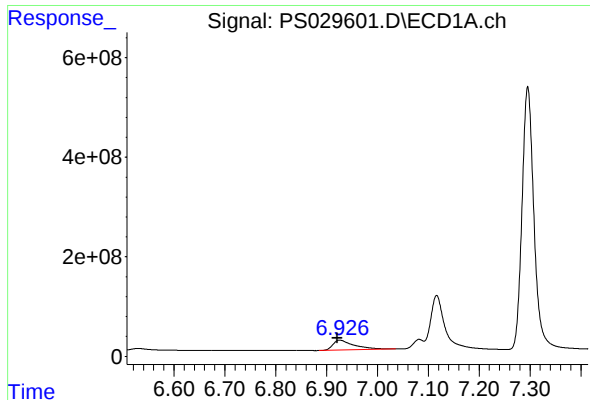
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.306 min
Delta R.T.: 0.002 min
Response: 2948266743
Conc: 515.74 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.524 min
Delta R.T.: -0.002 min
Response: 605470714
Conc: 491.39 ng/ml



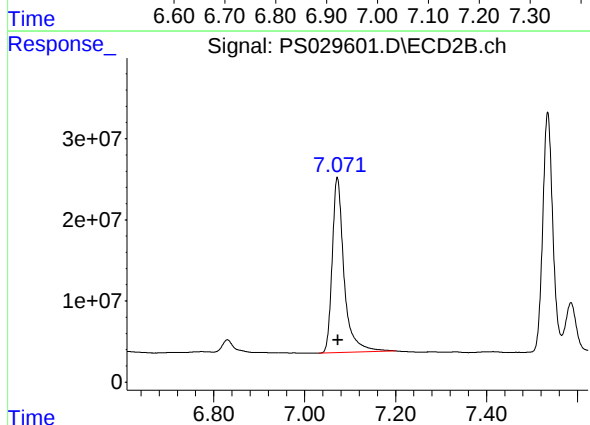
#3 4-Nitrophenol

R.T.: 6.926 min
Delta R.T.: 0.005 min
Response: 583269387
Conc: 548.19 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167312BS

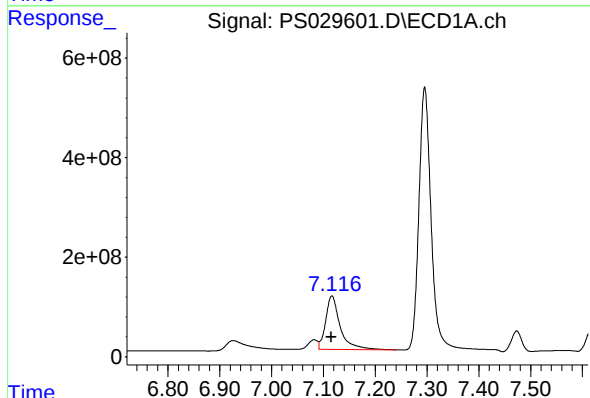
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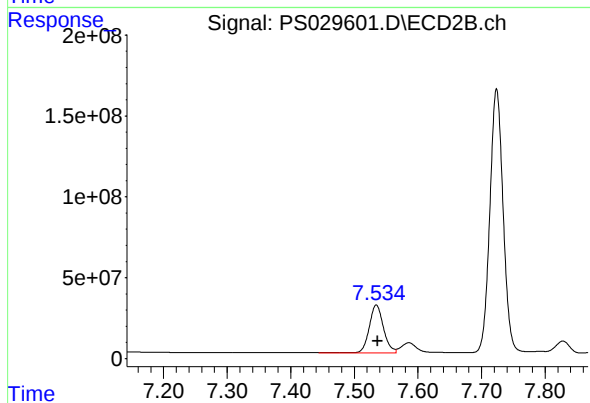
#3 4-Nitrophenol

R.T.: 7.072 min
Delta R.T.: -0.001 min
Response: 391771075
Conc: 484.97 ng/ml



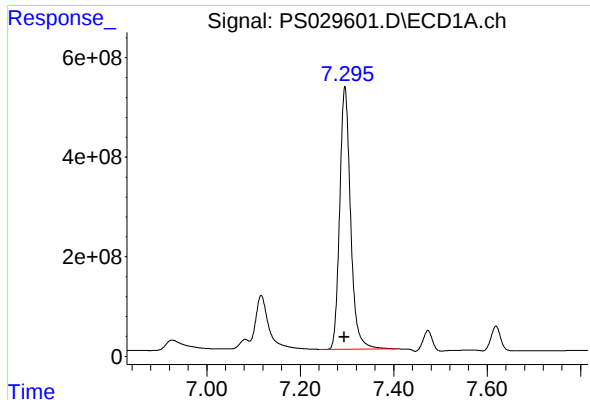
#4 2,4-DCAA

R.T.: 7.117 min
Delta R.T.: 0.002 min
Response: 2092957696
Conc: 545.03 ng/ml



#4 2,4-DCAA

R.T.: 7.535 min
Delta R.T.: -0.002 min
Response: 457976457
Conc: 530.50 ng/ml



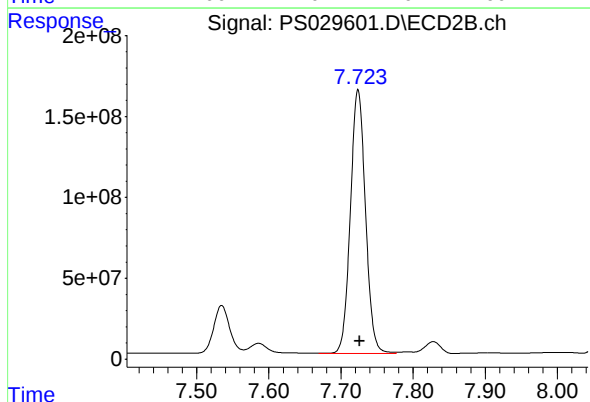
#5 DICAMBA

R.T.: 7.296 min
Delta R.T.: 0.001 min
Response: 8530455547
Conc: 538.10 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167312BS

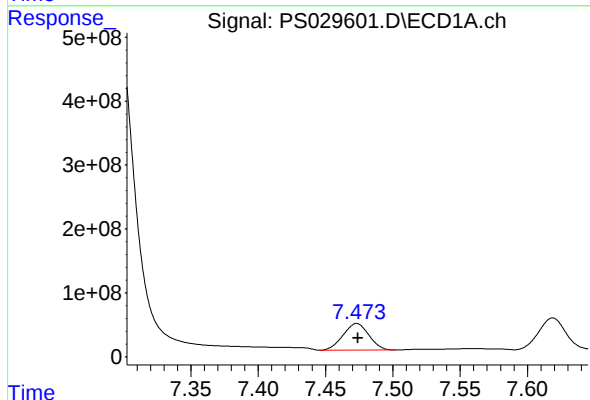
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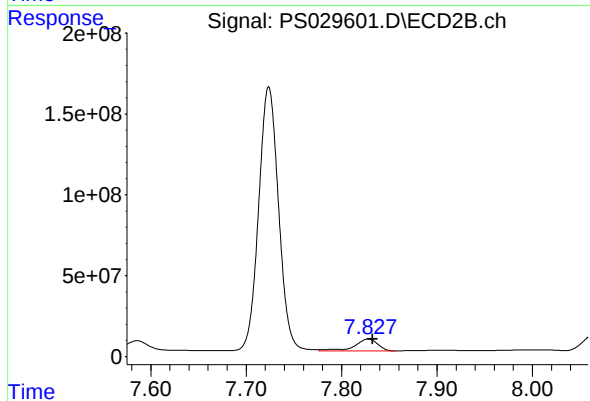
#5 DICAMBA

R.T.: 7.724 min
Delta R.T.: -0.002 min
Response: 2371602116
Conc: 496.07 ng/ml



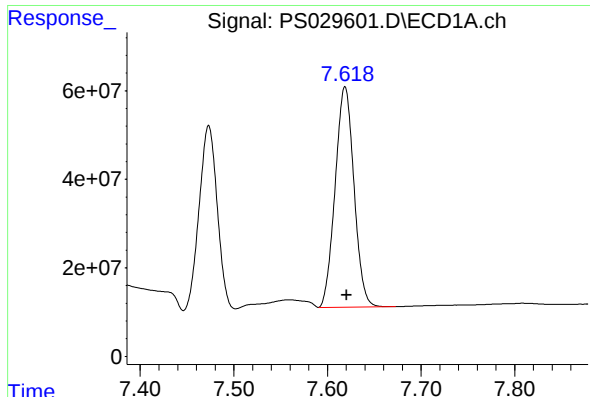
#6 MCPP

R.T.: 7.473 min
Delta R.T.: 0.000 min
Response: 555067167
Conc: 48.76 ug/ml



#6 MCPP

R.T.: 7.828 min
Delta R.T.: -0.004 min
Response: 126014740
Conc: 60.86 ug/ml



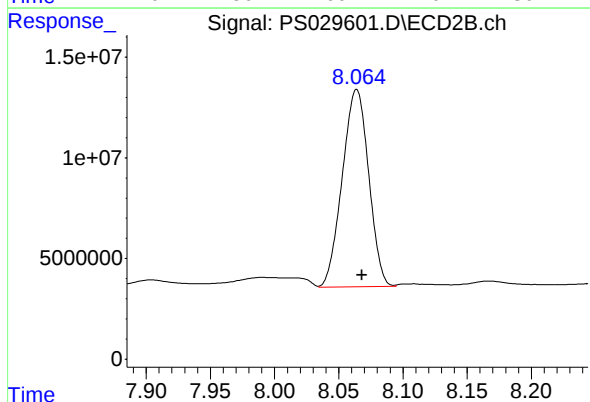
#7 MCPA

R.T.: 7.619 min
Delta R.T.: -0.002 min
Response: 695630706
Conc: 48.37 ug/ml

Instrument :
ECD_S
ClientSampleId :
PB167312BS

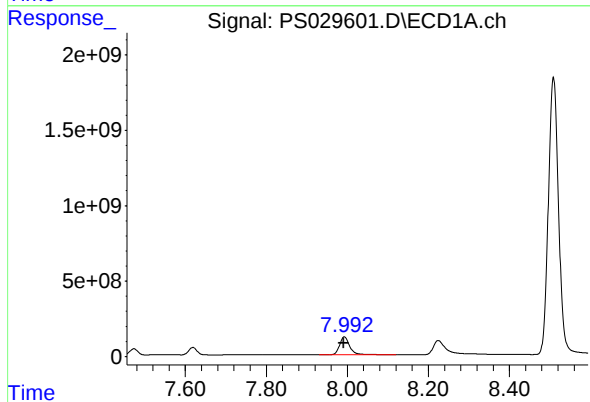
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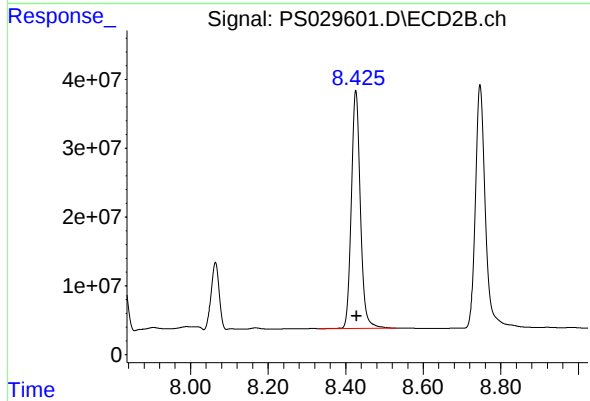
#7 MCPA

R.T.: 8.064 min
Delta R.T.: -0.004 min
Response: 140358365
Conc: 48.84 ug/ml



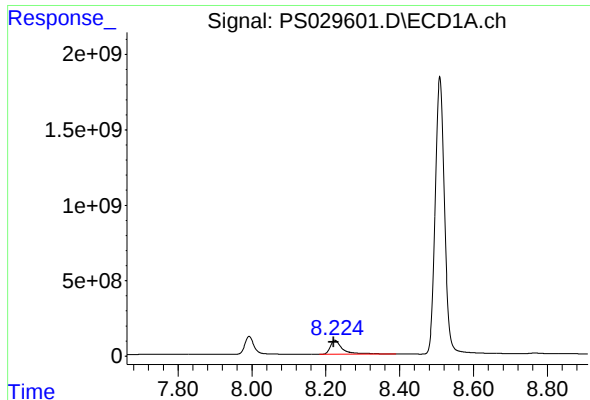
#8 DICHLORPROP

R.T.: 7.992 min
Delta R.T.: 0.001 min
Response: 2058158409
Conc: 468.62 ng/ml



#8 DICHLORPROP

R.T.: 8.426 min
Delta R.T.: -0.002 min
Response: 564388385
Conc: 453.11 ng/ml



#9 2,4-D

R.T.: 8.224 min
Delta R.T.: 0.003 min
Response: 2142347633
Conc: 531.10 ng/ml

Instrument :

ECD_S

ClientSampleId :

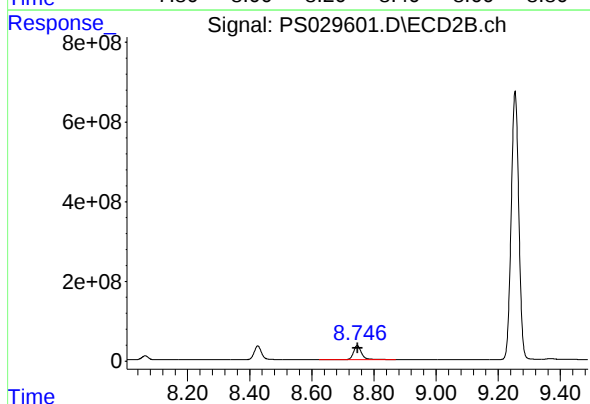
PB167312BS

Manual Integrations

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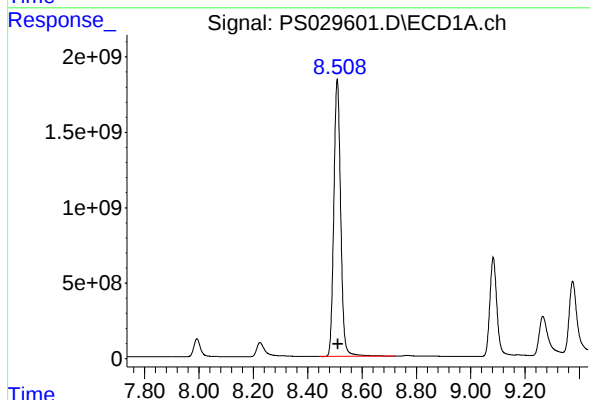
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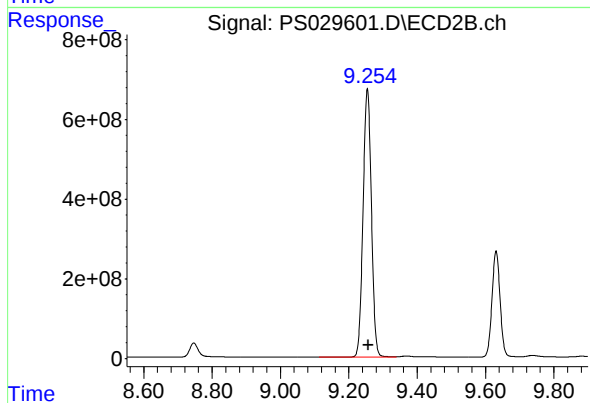
#9 2,4-D

R.T.: 8.746 min
Delta R.T.: -0.002 min
Response: 625840278
Conc: 458.16 ng/ml



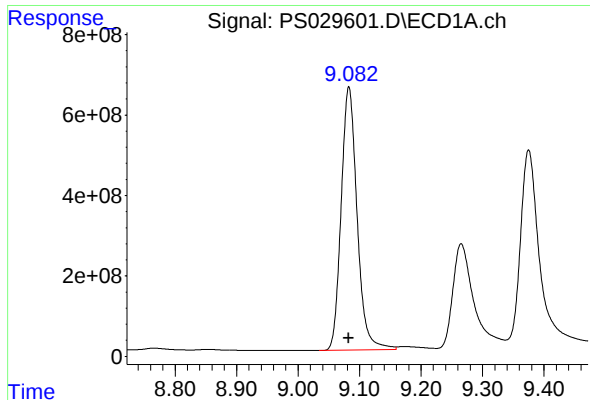
#10 Pentachlorophenol

R.T.: 8.509 min
Delta R.T.: -0.002 min
Response: 32305552478
Conc: 543.68 ng/ml



#10 Pentachlorophenol

R.T.: 9.254 min
Delta R.T.: -0.003 min
Response: 11415675406
Conc: 514.34 ng/ml



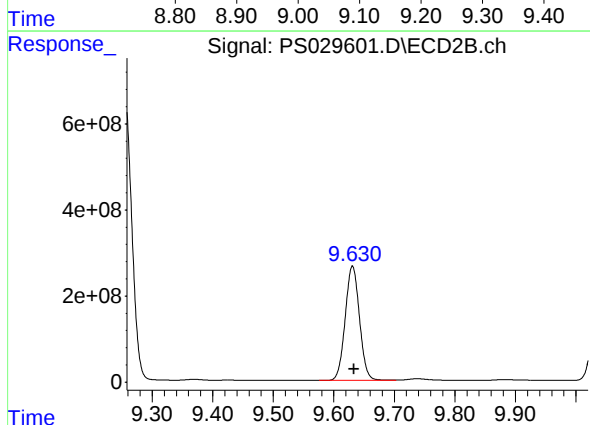
#11 2,4,5-TP (SILVEX)

R.T.: 9.083 min
Delta R.T.: 0.000 min
Response: 11772667875
Conc: 505.37 ng/ml

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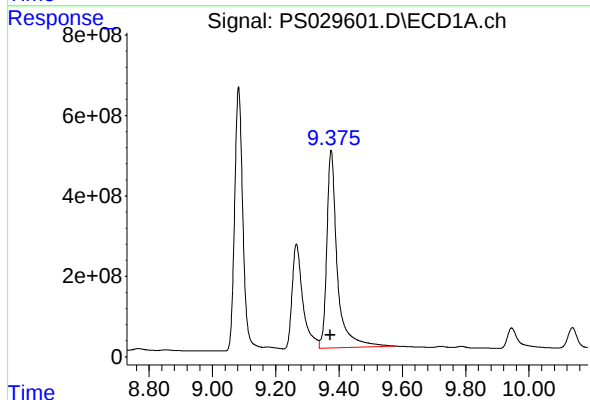
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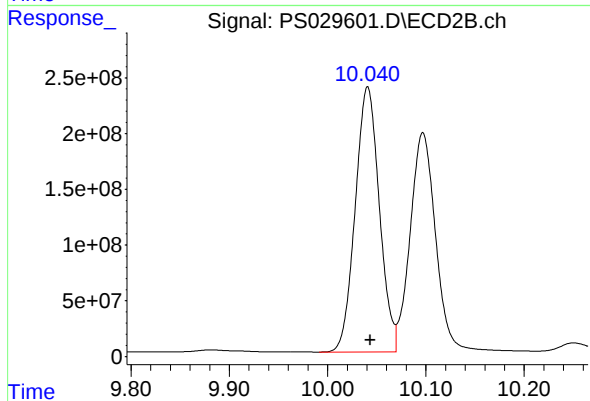
#11 2,4,5-TP (SILVEX)

R.T.: 9.631 min
Delta R.T.: -0.003 min
Response: 4369720818
Conc: 495.17 ng/ml



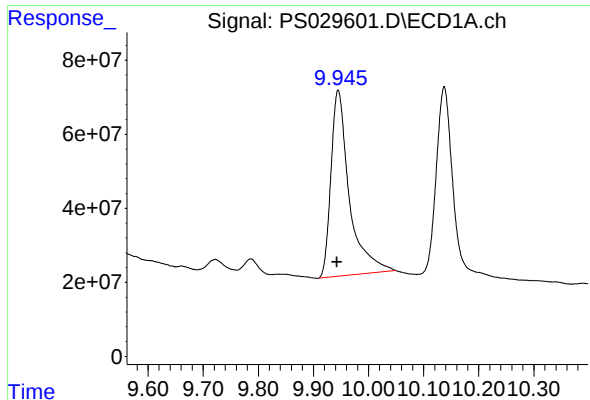
#12 2,4,5-T

R.T.: 9.375 min
Delta R.T.: 0.002 min
Response: 11300175760
Conc: 548.60 ng/ml



#12 2,4,5-T

R.T.: 10.041 min
Delta R.T.: -0.003 min
Response: 4052900825
Conc: 508.48 ng/ml



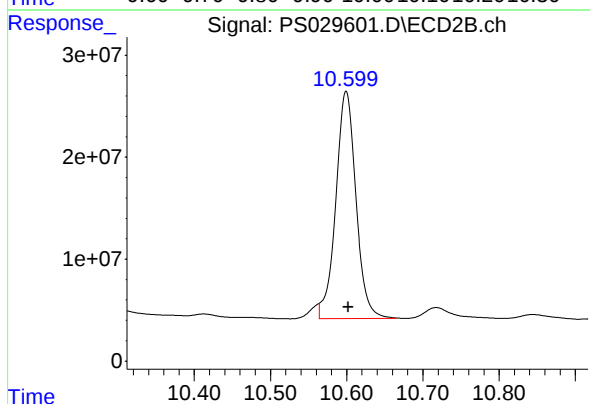
#13 2,4-DB

R.T.: 9.945 min
Delta R.T.: 0.002 min
Response: 1164661467
Conc: 609.98 ng/ml

Instrument :
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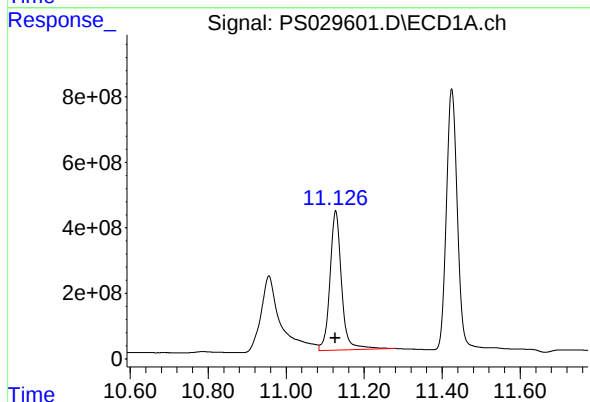
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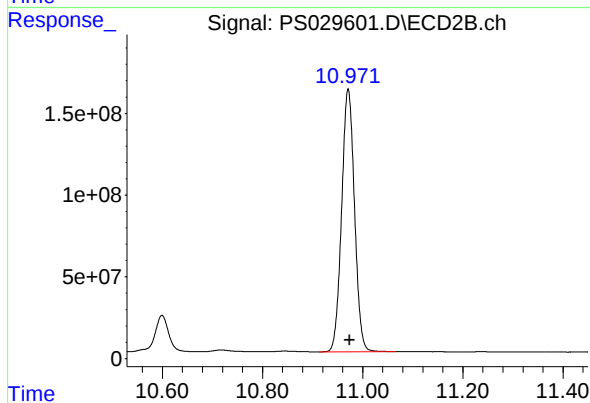
#13 2,4-DB

R.T.: 10.599 min
Delta R.T.: -0.003 min
Response: 408572557
Conc: 444.61 ng/ml m



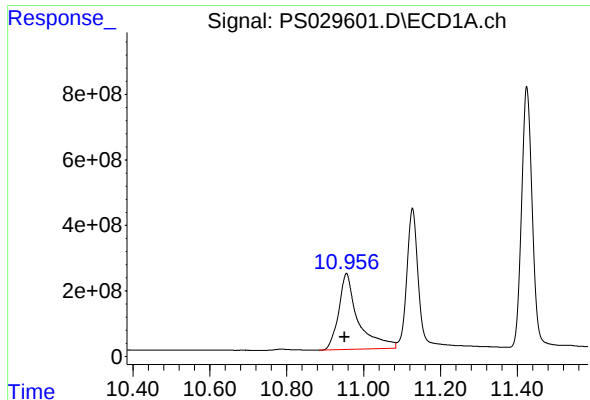
#14 DINOSEB

R.T.: 11.127 min
Delta R.T.: 0.000 min
Response: 8881374771
Conc: 500.92 ng/ml



#14 DINOSEB

R.T.: 10.971 min
Delta R.T.: -0.004 min
Response: 2870448838
Conc: 484.23 ng/ml m



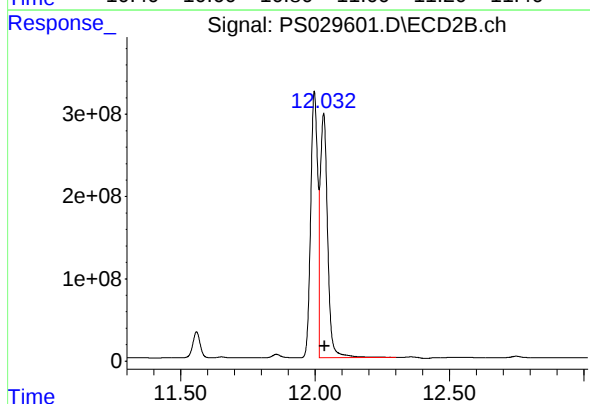
#15 Picloram

R.T.: 10.956 min
Delta R.T.: 0.005 min
Response: 8138557726
Conc: 565.43 ng/ml

Instrument :
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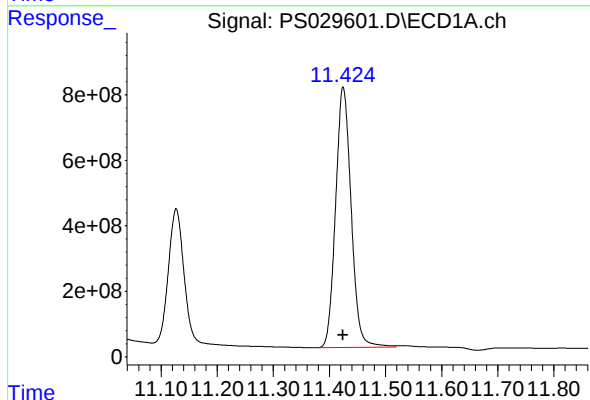
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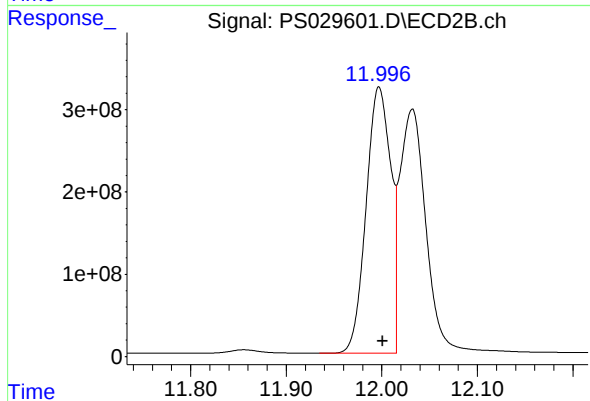
#15 Picloram

R.T.: 12.032 min
Delta R.T.: -0.003 min
Response: 5712258275
Conc: 457.85 ng/ml



#16 DCPA

R.T.: 11.424 min
Delta R.T.: 0.000 min
Response: 15279759891
Conc: 529.98 ng/ml



#16 DCPA

R.T.: 11.997 min
Delta R.T.: -0.004 min
Response: 5795031280
Conc: 516.87 ng/ml