

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS071725\
 Data File : PS031112.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Jul 2025 22:02
 Operator : AR\AJ
 Sample : PB168886BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PB168886BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 07/18/2025
 Supervised By : mohammad ahmed 07/19/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 17 23:05:10 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS071125.M
 Quant Title : 8080.M
 QLast Update : Mon Jul 14 05:51:06 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	7.328	7.767	2271.6E6	577.9E6	574.363	557.829
Target Compounds							
1) T	Dalapon	2.689	2.705	1536.9E6	2985.0E6	252.297m	1050.009m#
2) T	3,5-DICHL...	6.490	6.714	2929.2E6	761.2E6	559.160	490.988
3) T	4-Nitroph...	7.127	7.300	847.2E6	770.5E6	627.551	441.839 #
5) T	DICAMBA	7.517	7.970	8106.5E6	3147.7E6	516.634	486.025
6) T	MCPD	7.698	8.068	454.4E6	91240533	49.385	42.677
7) T	MCPA	7.847	8.315	614.1E6	160.2E6	56.303	49.977
8) T	DICHLORPROP	8.228	8.689	2051.7E6	766.9E6	602.535	504.777
9) T	2,4-D	8.460	9.025	2310.8E6	1048.3E6	750.657	616.828
10) T	Pentachlo...	8.767	9.549	32941.5E6	21161.3E6	655.402	549.143
11) T	2,4,5-TP ...	9.346	9.930	12681.4E6	9182.3E6	681.402	625.678
12) T	2,4,5-T	9.640	10.357	10827.2E6	7355.6E6	711.693	525.707 #
13) T	2,4-DB	10.218	10.924	1373.5E6	586.3E6	632.721m	495.523
14) T	DINOSEB	11.432	11.309	6628.8E6	4826.4E6	502.798	425.174
15) T	Picloram	11.243	12.419	9306.2E6	10905.3E6	638.639	464.439m#
16) T	DCPA	11.727	12.353	10982.9E6	11203.3E6	458.823	496.776m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS071725\
Data File : PS031112.D
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Acq On : 17 Jul 2025 22:02
Operator : AR\AJ
Sample : PB168886BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

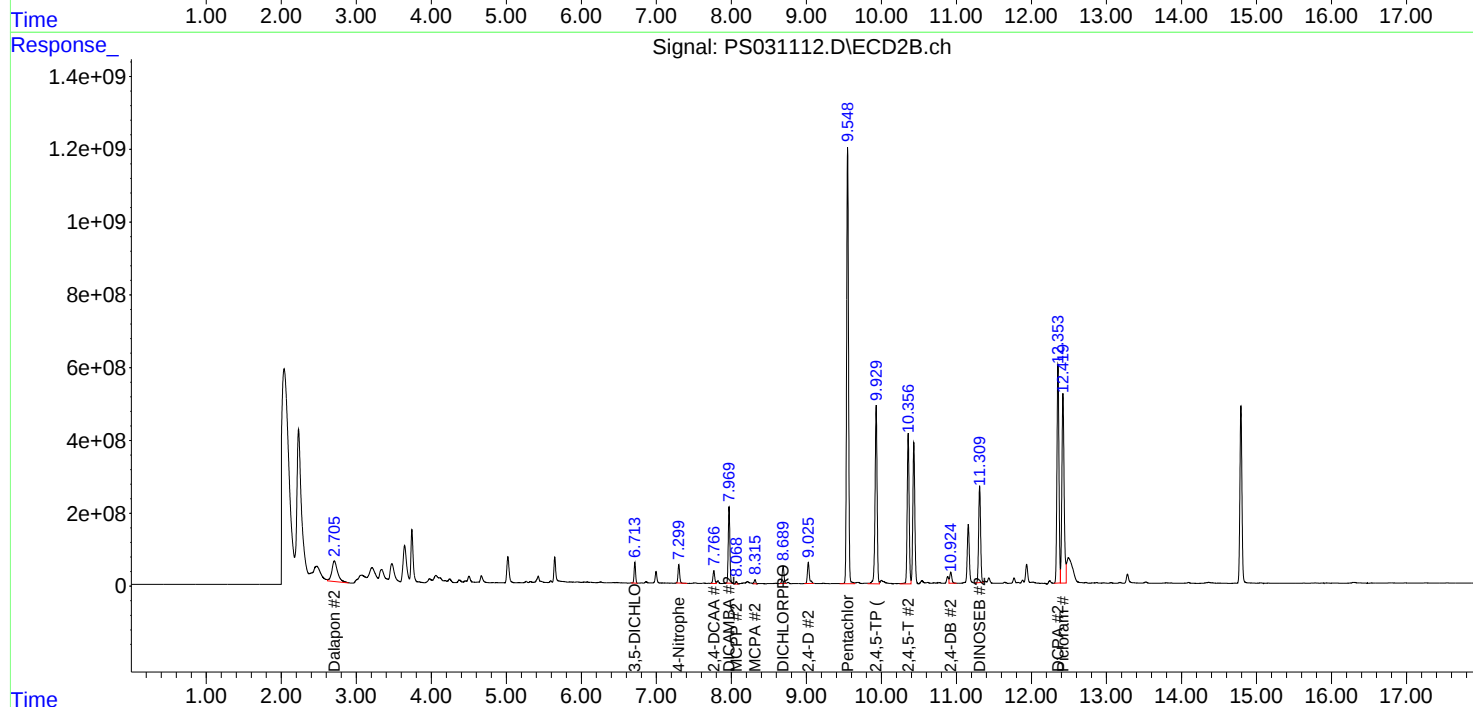
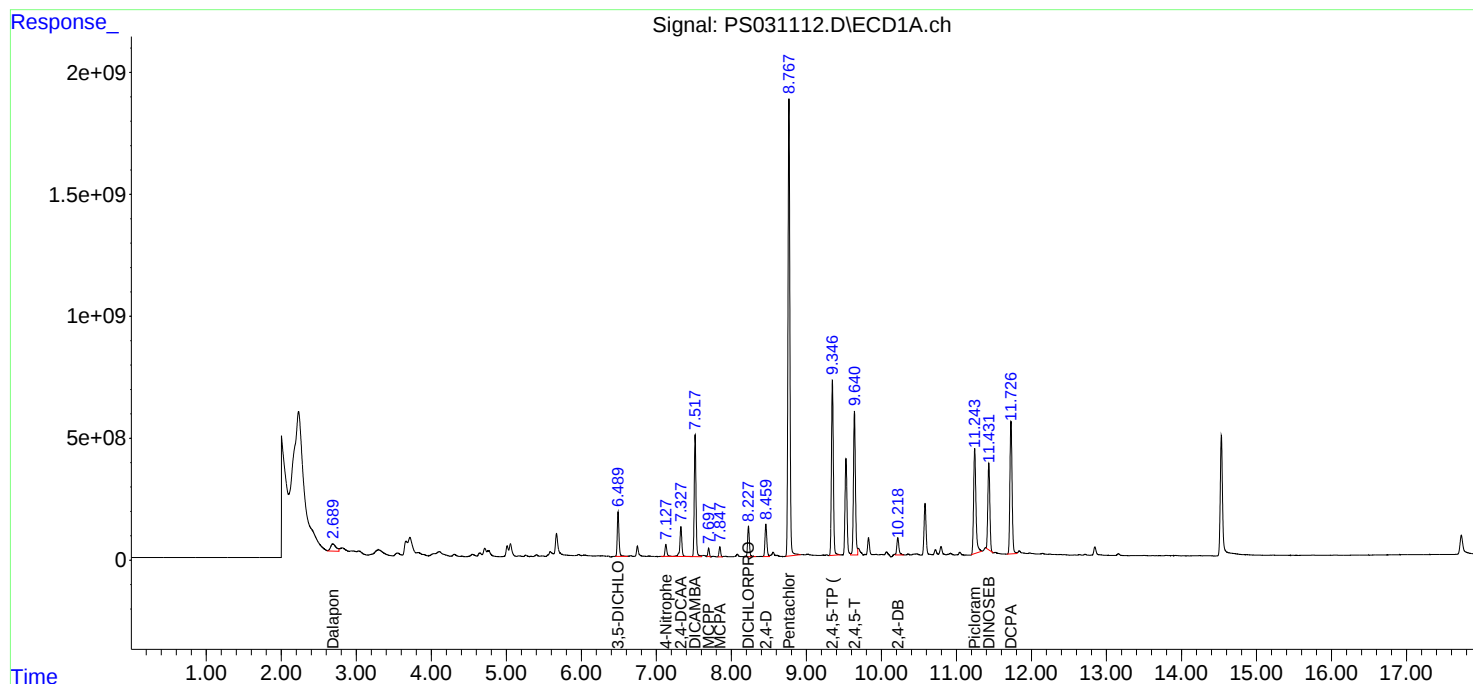
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ECD_S
ClientSampleId :
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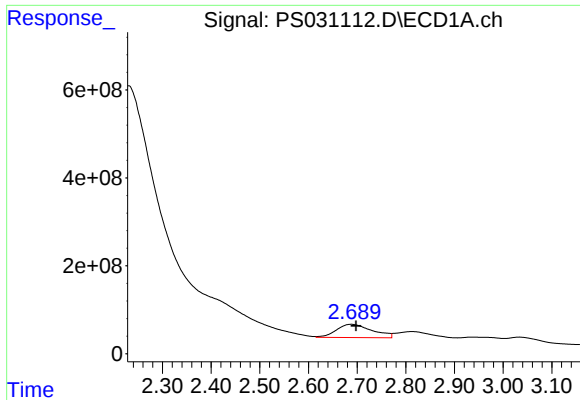
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 17 23:05:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS071125.M
Quant Title : 8080.M
QLast Update : Mon Jul 14 05:51:06 2025
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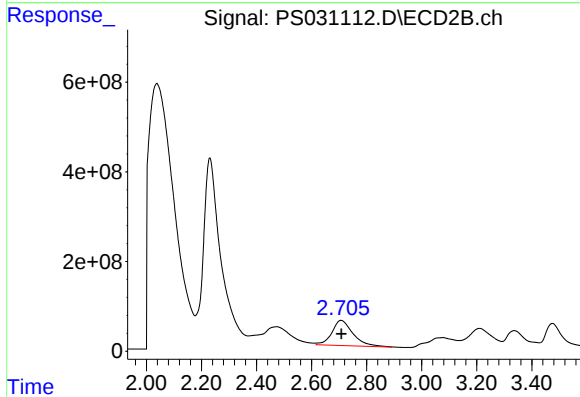
#1 Dalapon

R.T.: 2.689 min
Delta R.T.: -0.009 min
Response: 1536923759
Conc: 252.30 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168886BS

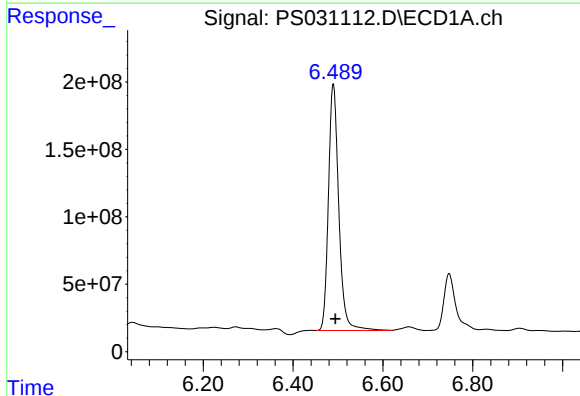
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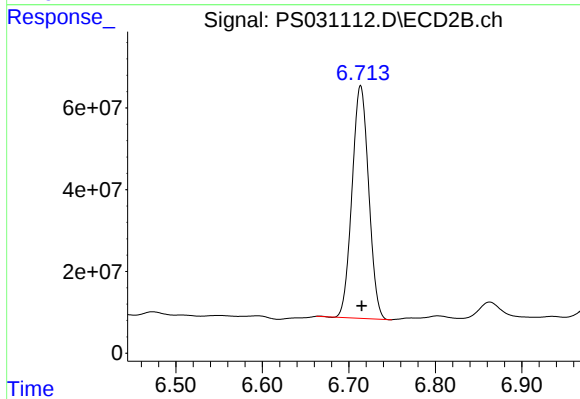
#1 Dalapon

R.T.: 2.705 min
Delta R.T.: -0.003 min
Response: 2985028487
Conc: 1050.01 ng/ml m



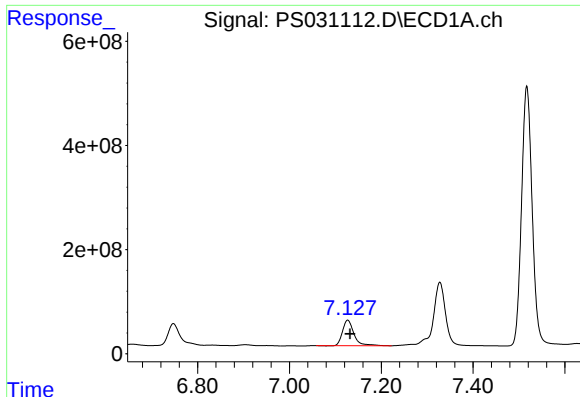
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.490 min
Delta R.T.: -0.004 min
Response: 2929213944
Conc: 559.16 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.714 min
Delta R.T.: -0.001 min
Response: 761196747
Conc: 490.99 ng/ml



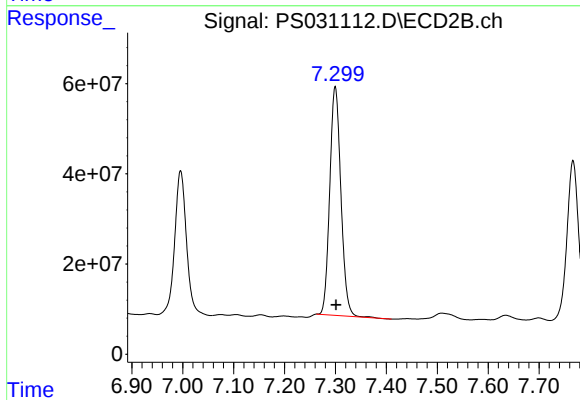
#3 4-Nitrophenol

R.T.: 7.127 min
Delta R.T.: -0.005 min
Response: 847199143
Conc: 627.55 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168886BS

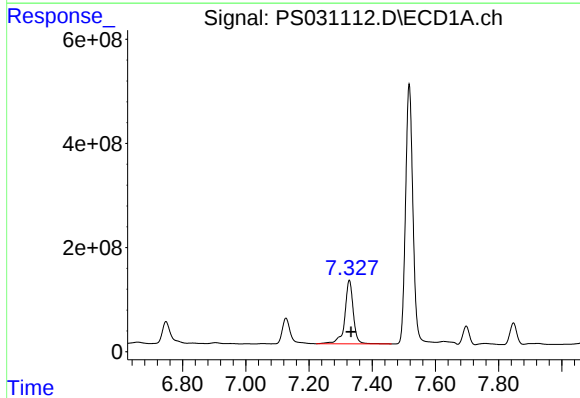
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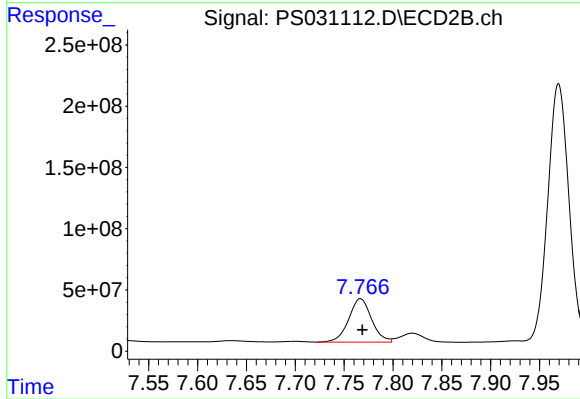
#3 4-Nitrophenol

R.T.: 7.300 min
Delta R.T.: -0.002 min
Response: 770518877
Conc: 441.84 ng/ml



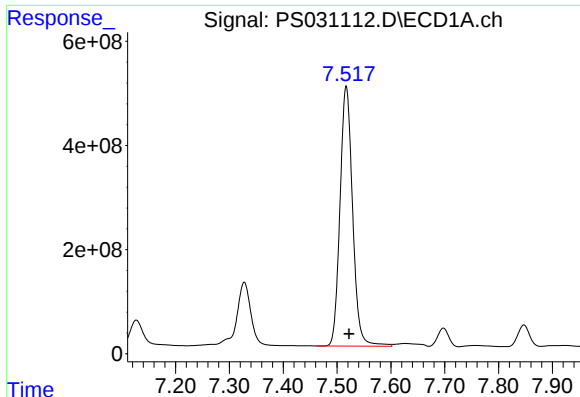
#4 2,4-DCAA

R.T.: 7.328 min
Delta R.T.: -0.005 min
Response: 2271648051
Conc: 574.36 ng/ml



#4 2,4-DCAA

R.T.: 7.767 min
Delta R.T.: -0.002 min
Response: 577928629
Conc: 557.83 ng/ml



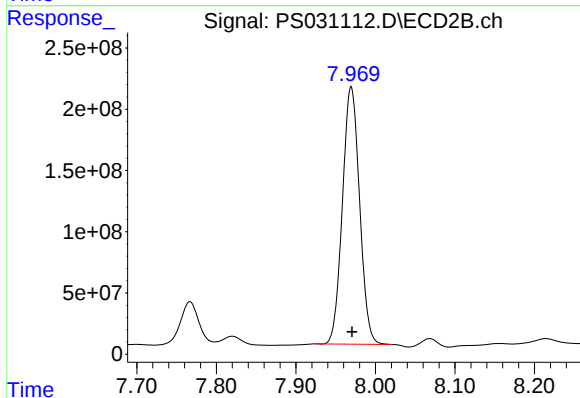
#5 DICAMBA

R.T.: 7.517 min
Delta R.T.: -0.005 min
Response: 8106460356
Conc: 516.63 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168886BS

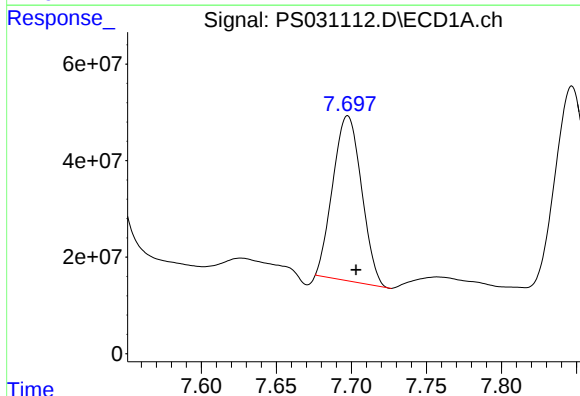
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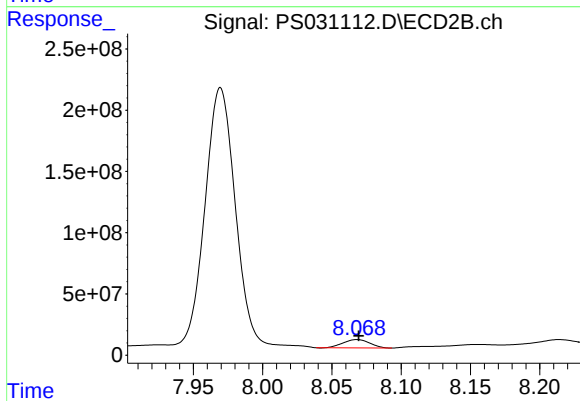
#5 DICAMBA

R.T.: 7.970 min
Delta R.T.: -0.001 min
Response: 3147700392
Conc: 486.02 ng/ml



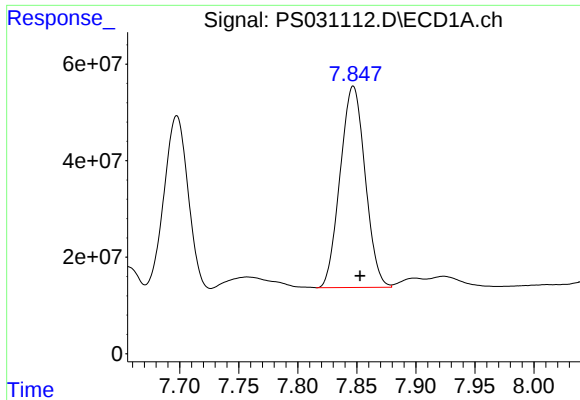
#6 MCPP

R.T.: 7.698 min
Delta R.T.: -0.005 min
Response: 454409886
Conc: 49.39 ug/ml



#6 MCPP

R.T.: 8.068 min
Delta R.T.: -0.001 min
Response: 91240533
Conc: 42.68 ug/ml



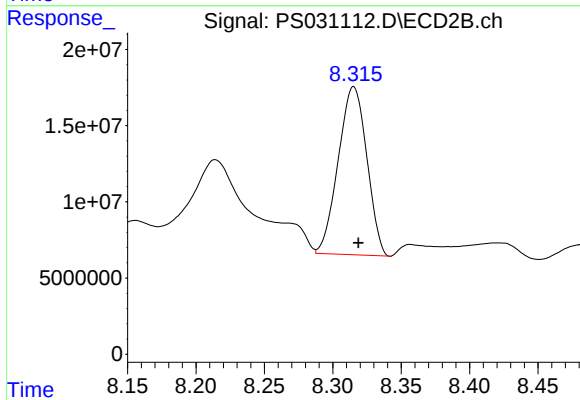
#7 MCPA

R.T.: 7.847 min
Delta R.T.: -0.006 min
Response: 614084448
Conc: 56.30 ug/ml

Instrument :
ECD_S
ClientSampleId :
PB168886BS

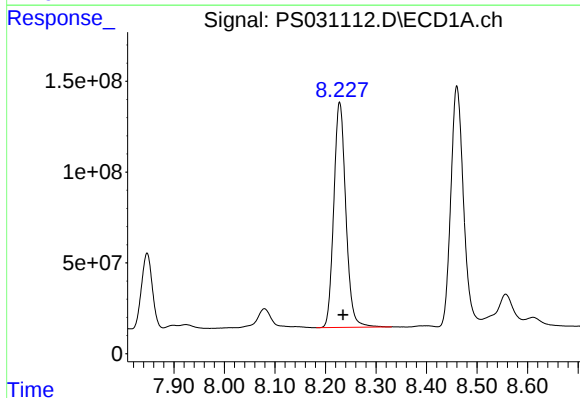
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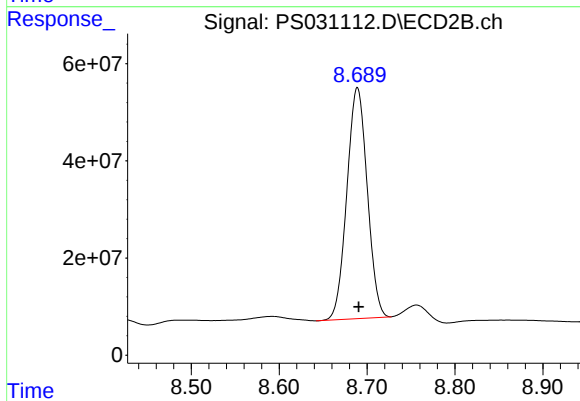
#7 MCPA

R.T.: 8.315 min
Delta R.T.: -0.004 min
Response: 160208079
Conc: 49.98 ug/ml



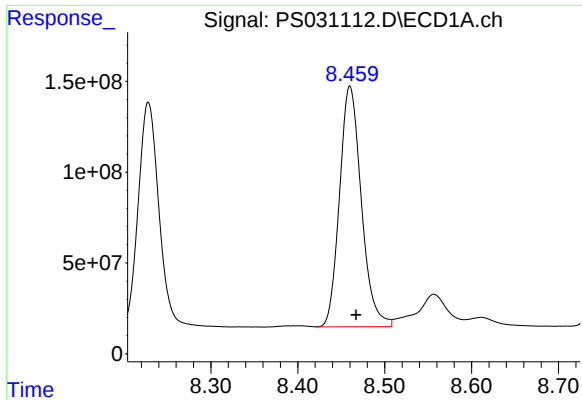
#8 DICHLORPROP

R.T.: 8.228 min
Delta R.T.: -0.007 min
Response: 2051725052
Conc: 602.54 ng/ml



#8 DICHLORPROP

R.T.: 8.689 min
Delta R.T.: -0.002 min
Response: 766887582
Conc: 504.78 ng/ml



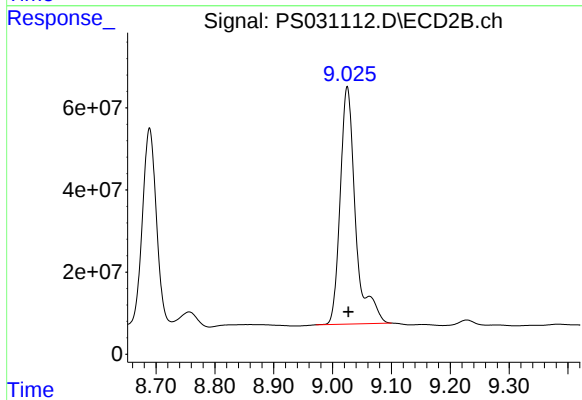
#9 2,4-D

R.T.: 8.460 min
Delta R.T.: -0.007 min
Response: 2310849227
Conc: 750.66 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168886BS

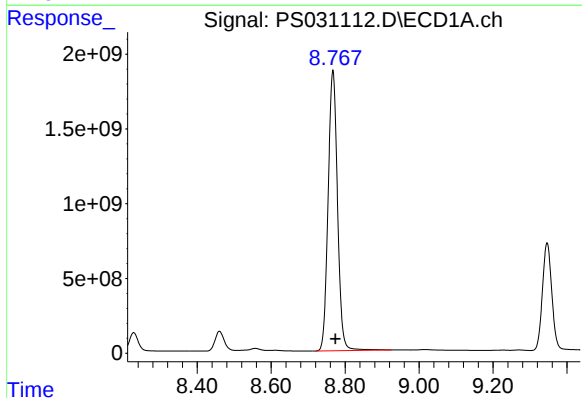
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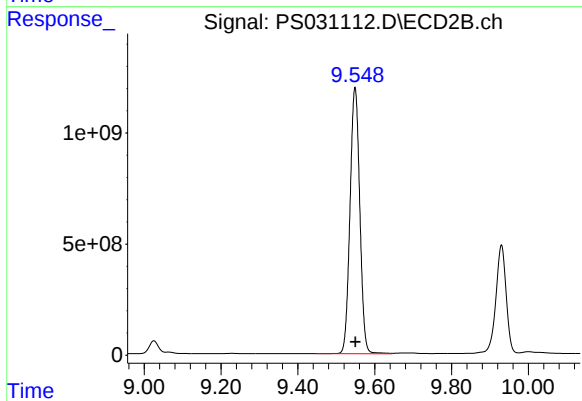
#9 2,4-D

R.T.: 9.025 min
Delta R.T.: -0.002 min
Response: 1048278053
Conc: 616.83 ng/ml



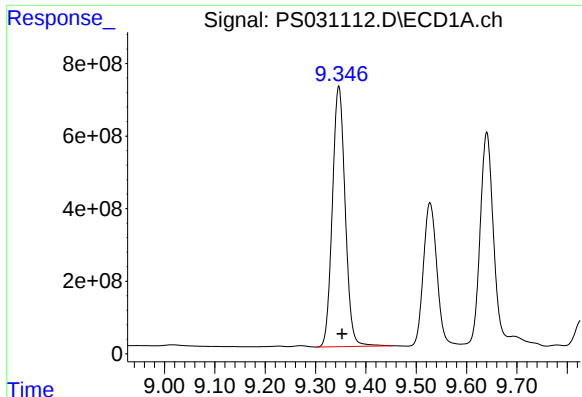
#10 Pentachlorophenol

R.T.: 8.767 min
Delta R.T.: -0.006 min
Response: 32941519232
Conc: 655.40 ng/ml



#10 Pentachlorophenol

R.T.: 9.549 min
Delta R.T.: -0.001 min
Response: 21161262773
Conc: 549.14 ng/ml



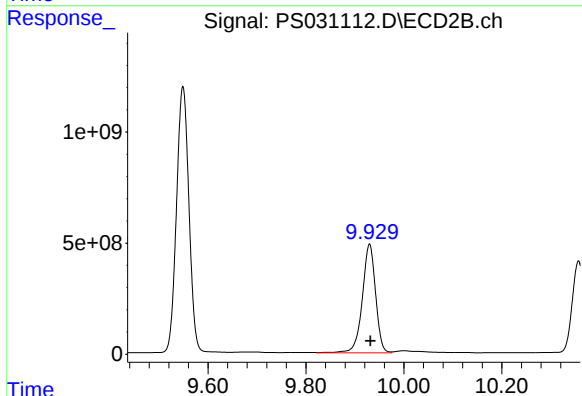
#11 2,4,5-TP (SILVEX)

R.T.: 9.346 min
Delta R.T.: -0.007 min
Response: 12681393763
Conc: 681.40 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168886BS

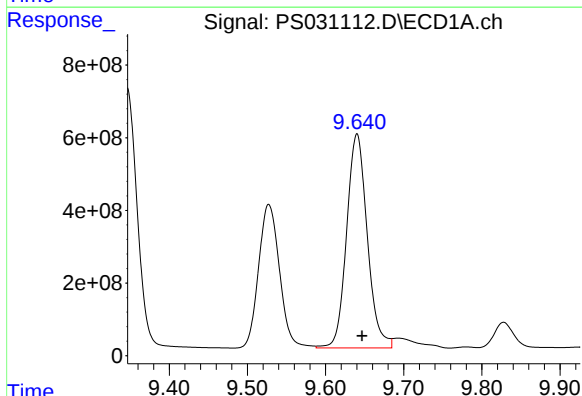
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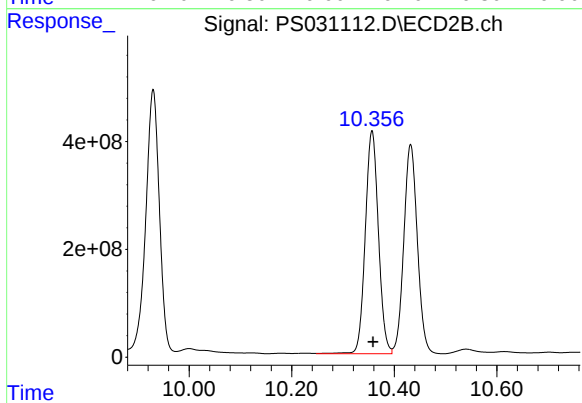
#11 2,4,5-TP (SILVEX)

R.T.: 9.930 min
Delta R.T.: -0.002 min
Response: 9182303120
Conc: 625.68 ng/ml



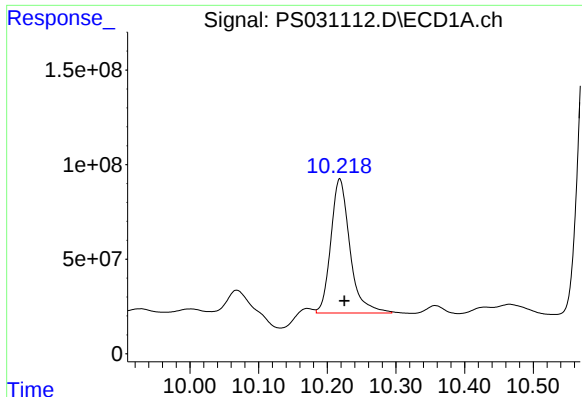
#12 2,4,5-T

R.T.: 9.640 min
Delta R.T.: -0.007 min
Response: 10827219080
Conc: 711.69 ng/ml



#12 2,4,5-T

R.T.: 10.357 min
Delta R.T.: -0.002 min
Response: 7355601278
Conc: 525.71 ng/ml



#13 2,4-DB

R.T.: 10.218 min
Delta R.T.: -0.007 min
Response: 1373503108
Conc: 632.72 ng/ml

Instrument :

ECD_S

ClientSampleId :

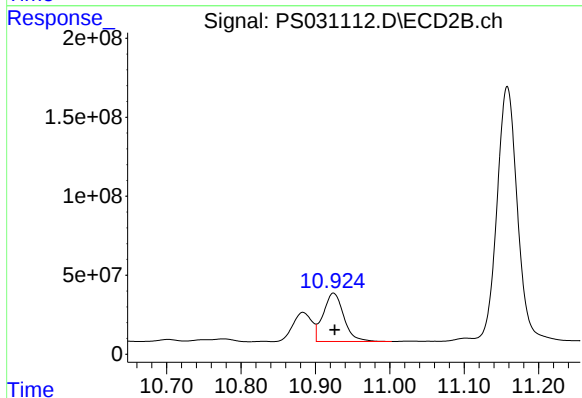
PB168886BS

Manual Integrations

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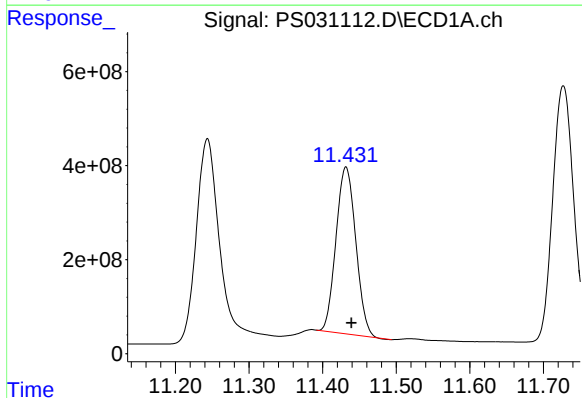
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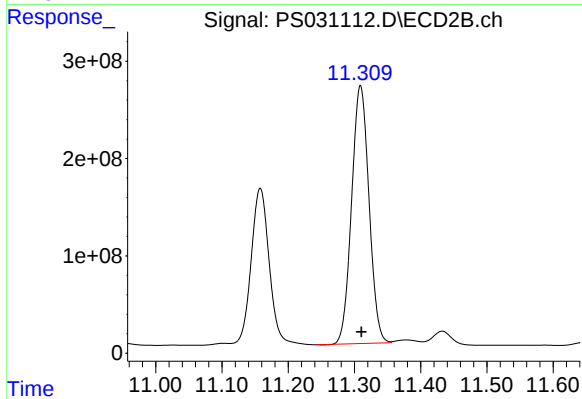
#13 2,4-DB

R.T.: 10.924 min
Delta R.T.: -0.002 min
Response: 586294352
Conc: 495.52 ng/ml



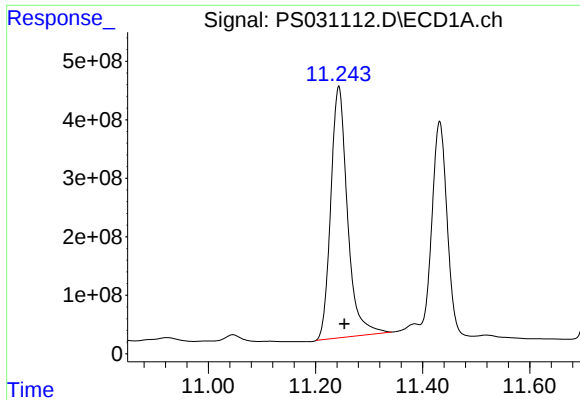
#14 DINOSEB

R.T.: 11.432 min
Delta R.T.: -0.007 min
Response: 6628840786
Conc: 502.80 ng/ml



#14 DINOSEB

R.T.: 11.309 min
Delta R.T.: -0.001 min
Response: 4826366127
Conc: 425.17 ng/ml



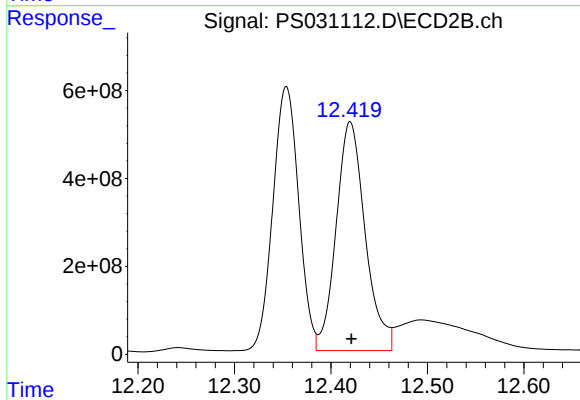
#15 Picloram

R.T.: 11.243 min
Delta R.T.: -0.010 min
Response: 9306214282
Conc: 638.64 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168886BS

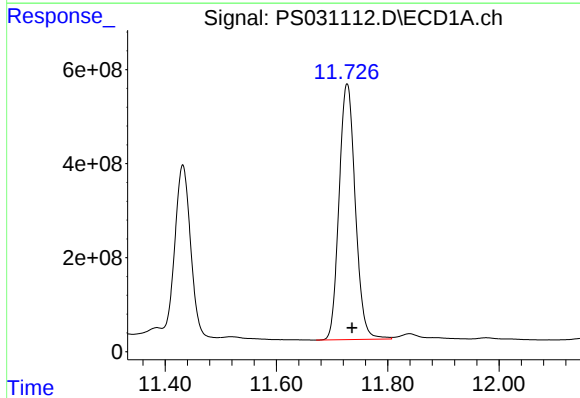
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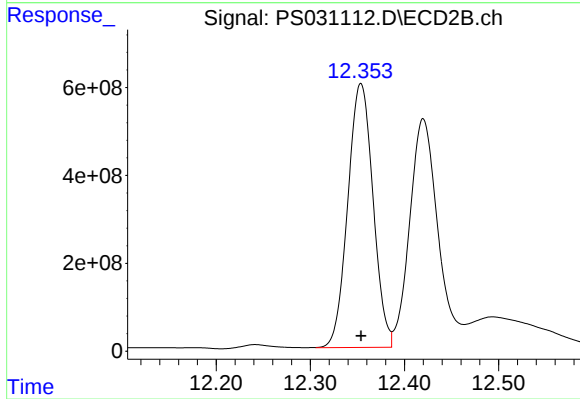
#15 Picloram

R.T.: 12.419 min
Delta R.T.: -0.002 min
Response: 10905342155
Conc: 464.44 ng/ml m



#16 DCPA

R.T.: 11.727 min
Delta R.T.: -0.009 min
Response: 10982922880
Conc: 458.82 ng/ml



#16 DCPA

R.T.: 12.353 min
Delta R.T.: 0.000 min
Response: 11203289434
Conc: 496.78 ng/ml m