

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS062325\
 Data File : PS030804.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Jun 2025 18:04
 Operator : AR\AJ
 Sample : PB168590BSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PB168590BSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/24/2025
 Supervised By : mohammad ahmed 06/25/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 24 01:54:18 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS061825.M
 Quant Title : 8080.M
 QLast Update : Thu Jun 19 05:11:26 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	7.345	7.769	1981.3E6	569.3E6	539.220	531.084
Target Compounds							
1) T	Dalapon	2.705	2.711	2983.5E6	1301.5E6	500.116	474.685
2) T	3,5-DICHL...	6.504	6.715	2687.0E6	795.8E6	499.672	493.301
3) T	4-Nitroph...	7.144	7.301	786.9E6	828.3E6	499.028	477.806
5) T	DICAMBA	7.534	7.971	7824.5E6	3286.3E6	514.258	501.477
6) T	MCPD	7.715	8.069	435.9E6	111.1E6	46.427	52.949
7) T	MCPA	7.865	8.317	578.8E6	162.2E6	49.338	51.558
8) T	DICHLORPROP	8.248	8.690	1836.5E6	777.4E6	490.295	494.366
9) T	2,4-D	8.480	9.026	1726.9E6	831.0E6	501.364	488.971
10) T	Pentachlo...	8.788	9.551	28141.1E6	19958.7E6	531.712	523.546
11) T	2,4,5-TP ...	9.368	9.931	10536.3E6	7389.9E6	526.014	512.164
12) T	2,4,5-T	9.663	10.358	8844.8E6	7081.8E6	537.573	518.259
13) T	2,4-DB	10.240	10.925	1313.0E6	601.6E6	572.490	508.598
14) T	DINOSEB	11.458	11.310	7386.5E6	5422.5E6	532.430m	502.959
15) T	Picloram	11.268	12.419	8552.1E6	11880.7E6	531.973m	511.186
16) T	DCPA	11.755	12.354	13923.1E6	11496.0E6	543.527	521.533m

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

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Acq On : 23 Jun 2025 18:04
Operator : AR\AJ
Sample : PB168590BSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

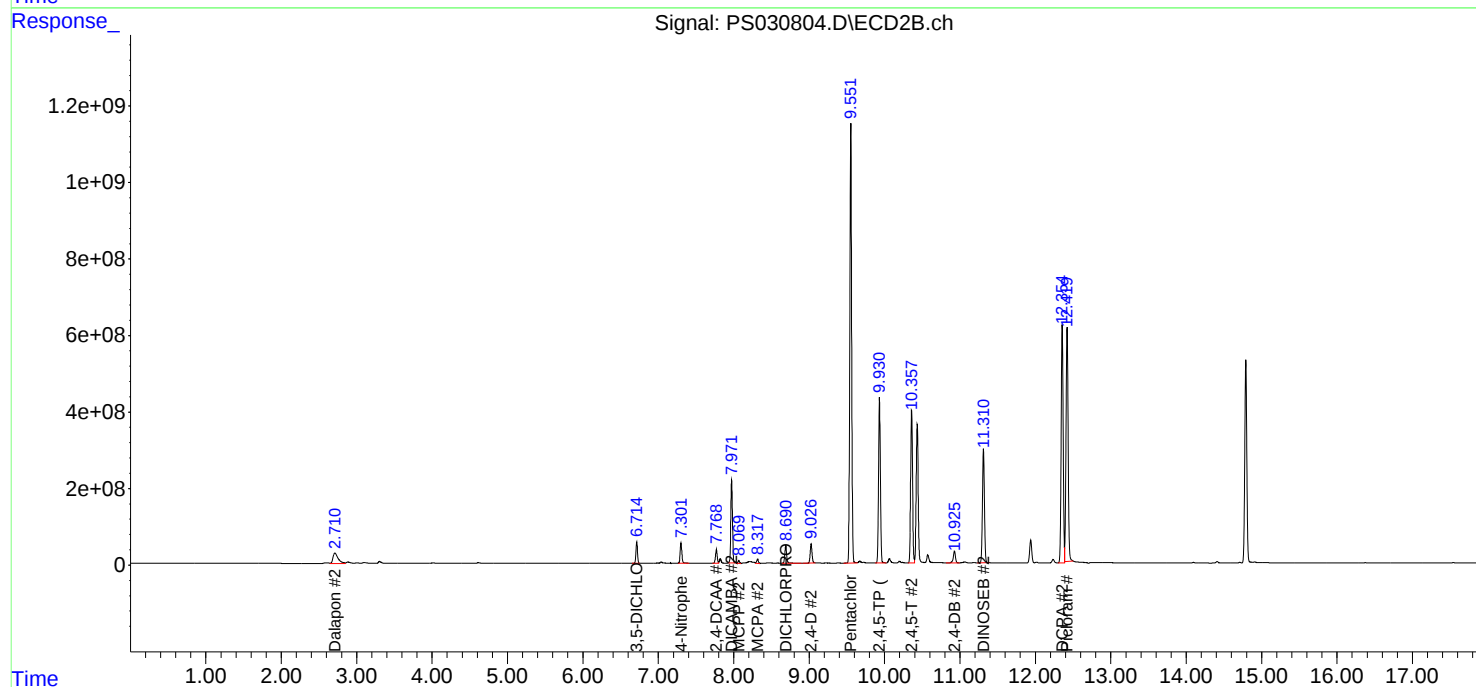
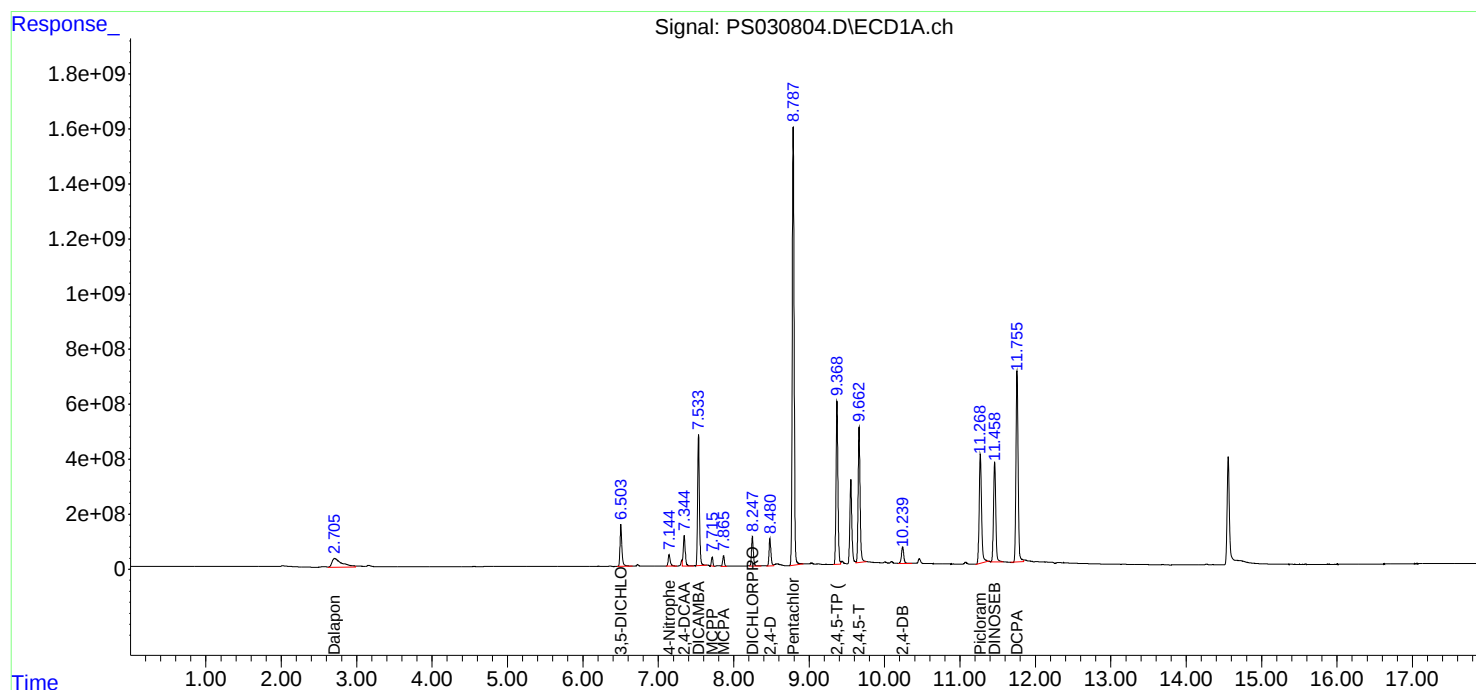
Instrument :
ECD_S
ClientSampleId :
PB168590BSD

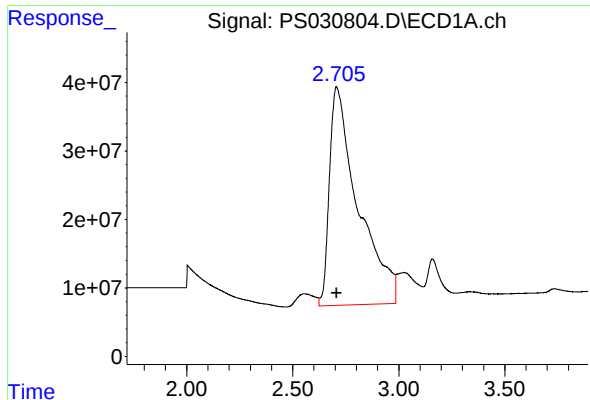
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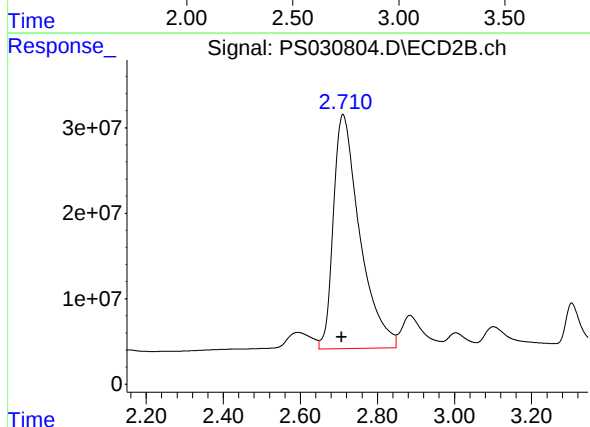
#1 Dalapon

R.T.: 2.705 min
Delta R.T.: -0.003 min
Response: 2983508453
Conc: 500.12 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168590BSD

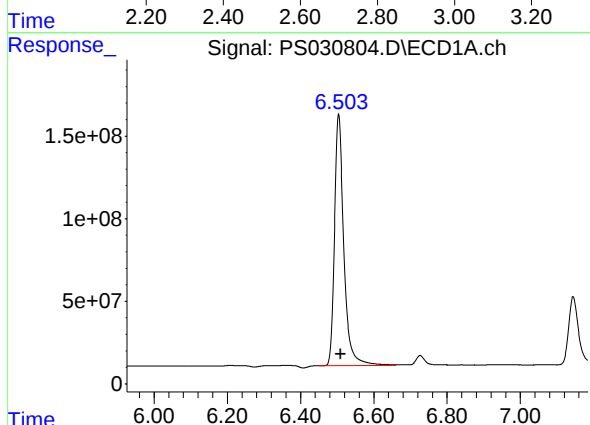
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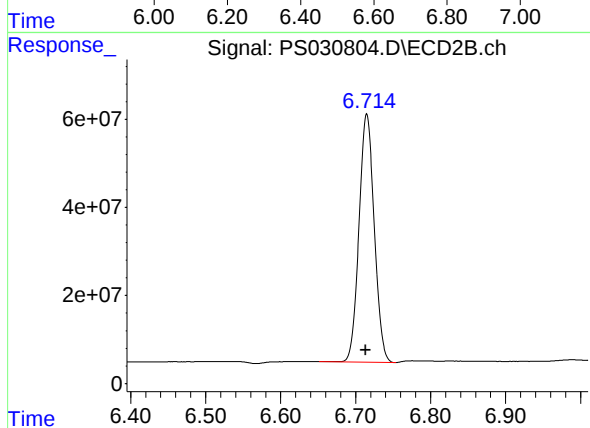
#1 Dalapon

R.T.: 2.711 min
Delta R.T.: 0.003 min
Response: 1301462977
Conc: 474.68 ng/ml



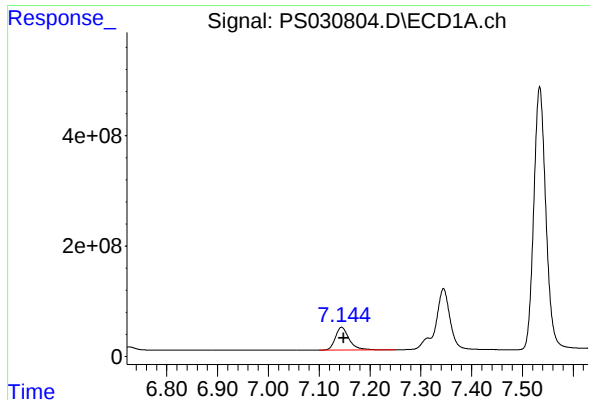
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.504 min
Delta R.T.: -0.005 min
Response: 2687011902
Conc: 499.67 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.715 min
Delta R.T.: 0.001 min
Response: 795768414
Conc: 493.30 ng/ml



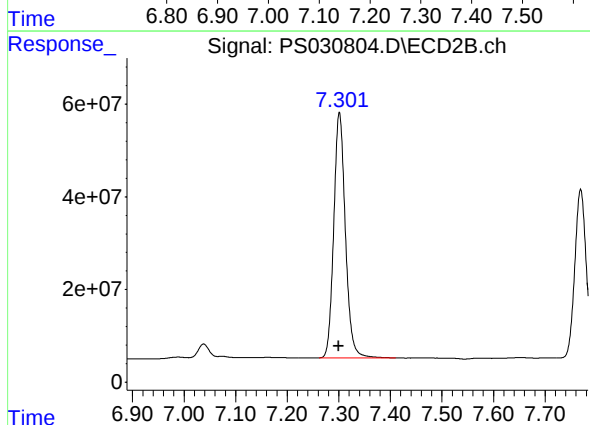
#3 4-Nitrophenol

R.T.: 7.144 min
Delta R.T.: -0.005 min
Response: 786850724
Conc: 499.03 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168590BSD

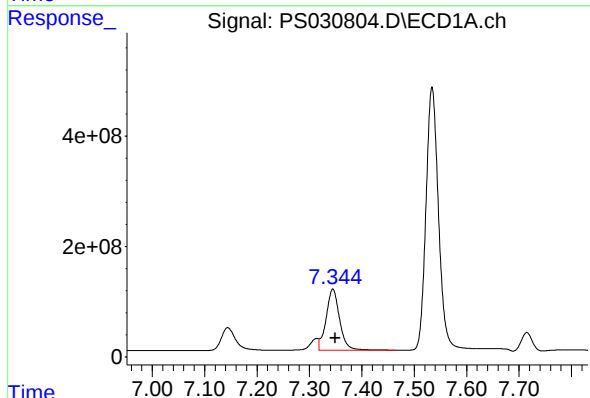
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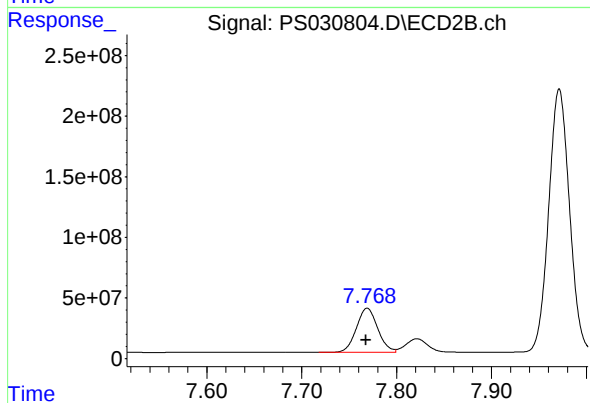
#3 4-Nitrophenol

R.T.: 7.301 min
Delta R.T.: 0.002 min
Response: 828293236
Conc: 477.81 ng/ml



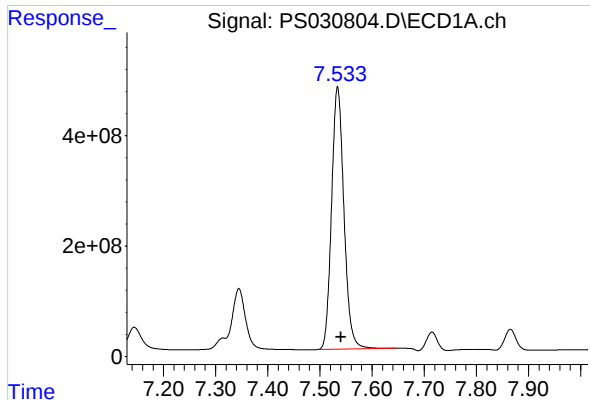
#4 2,4-DCAA

R.T.: 7.345 min
Delta R.T.: -0.005 min
Response: 1981306979
Conc: 539.22 ng/ml



#4 2,4-DCAA

R.T.: 7.769 min
Delta R.T.: 0.001 min
Response: 569302659
Conc: 531.08 ng/ml



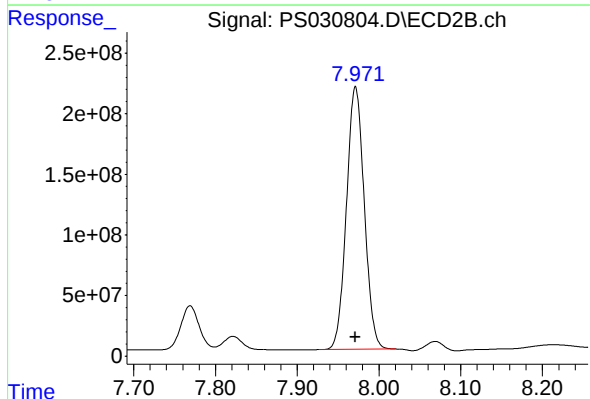
#5 DICAMBA

R.T.: 7.534 min
Delta R.T.: -0.007 min
Response: 7824489052
Conc: 514.26 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168590BSD

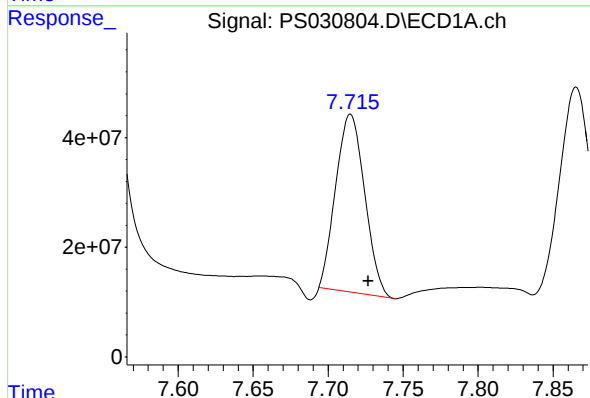
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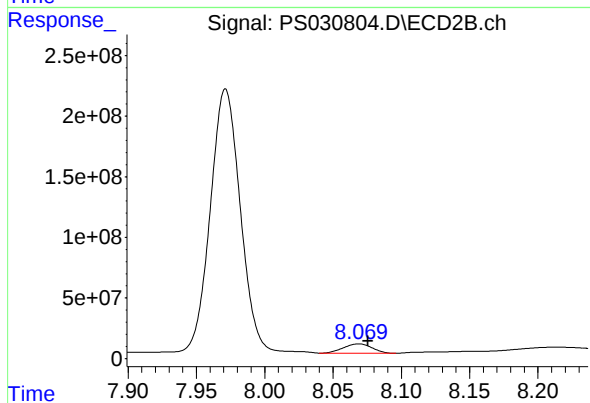
#5 DICAMBA

R.T.: 7.971 min
Delta R.T.: 0.000 min
Response: 3286285251
Conc: 501.48 ng/ml



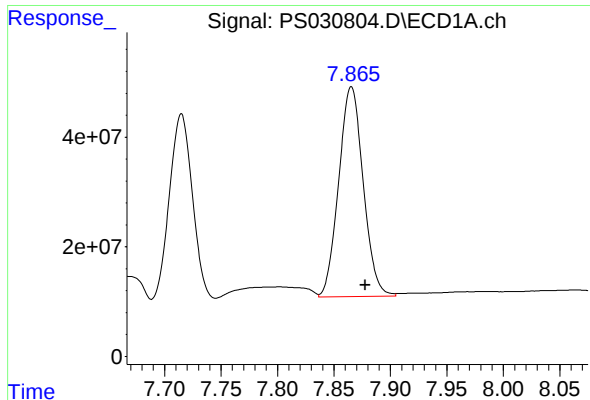
#6 MCP

R.T.: 7.715 min
Delta R.T.: -0.012 min
Response: 435875295
Conc: 46.43 ug/ml



#6 MCP

R.T.: 8.069 min
Delta R.T.: -0.007 min
Response: 111051458
Conc: 52.95 ug/ml



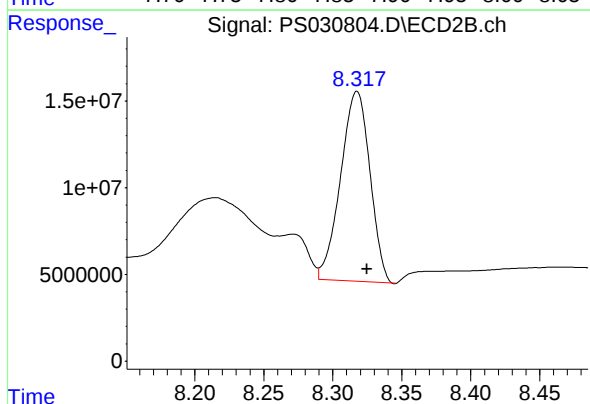
#7 MCPA

R.T.: 7.865 min
Delta R.T.: -0.013 min
Response: 578761689
Conc: 49.34 ug/ml

Instrument :
ECD_S
ClientSampleId :
PB168590BSD

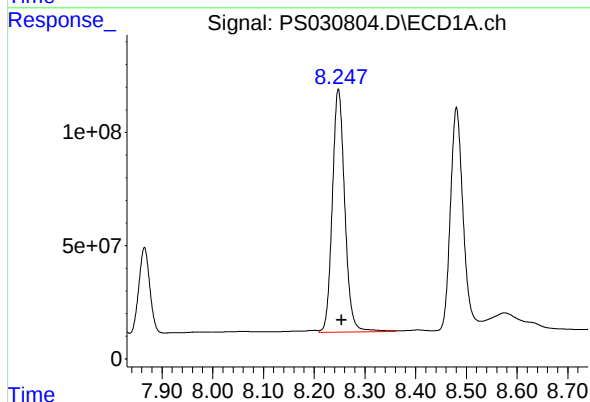
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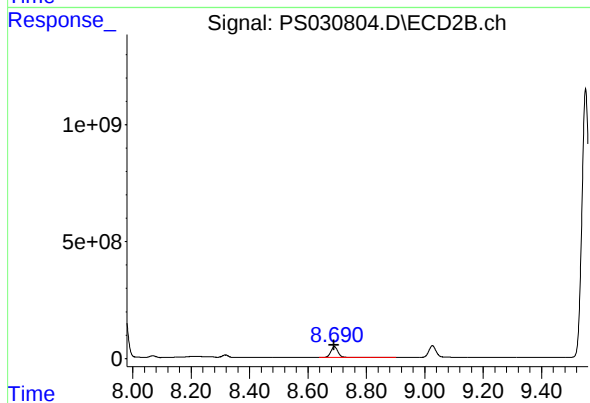
#7 MCPA

R.T.: 8.317 min
Delta R.T.: -0.008 min
Response: 162188094
Conc: 51.56 ug/ml



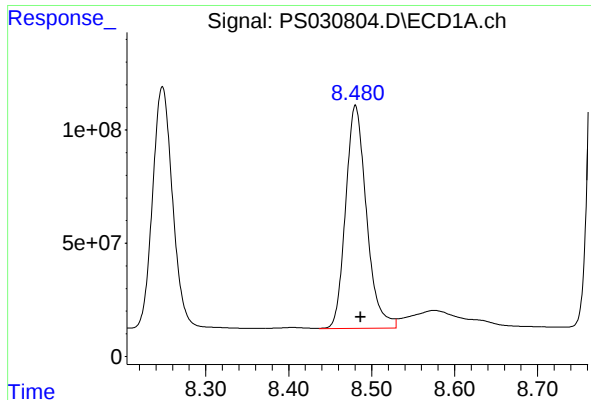
#8 DICHLORPROP

R.T.: 8.248 min
Delta R.T.: -0.007 min
Response: 1836531104
Conc: 490.30 ng/ml



#8 DICHLORPROP

R.T.: 8.690 min
Delta R.T.: 0.000 min
Response: 777388390
Conc: 494.37 ng/ml



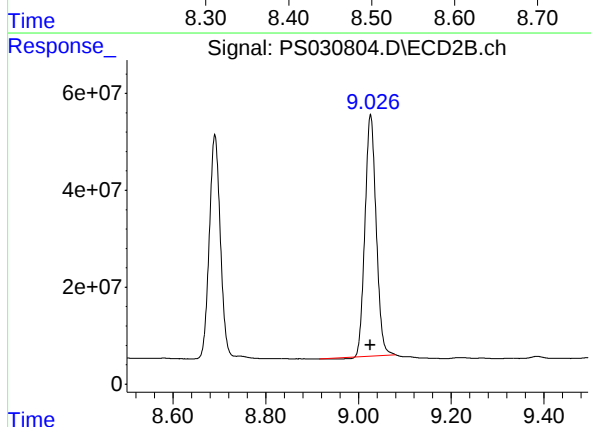
#9 2,4-D

R.T.: 8.480 min
Delta R.T.: -0.006 min
Response: 1726903571
Conc: 501.36 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168590BSD

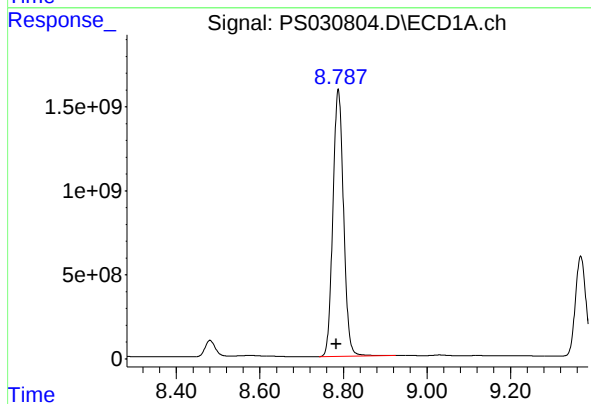
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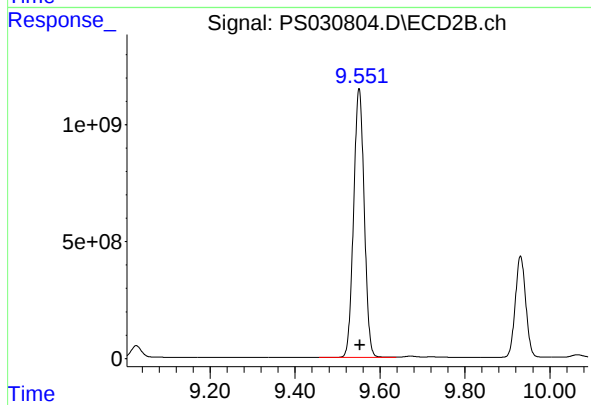
#9 2,4-D

R.T.: 9.026 min
Delta R.T.: 0.000 min
Response: 830959413
Conc: 488.97 ng/ml



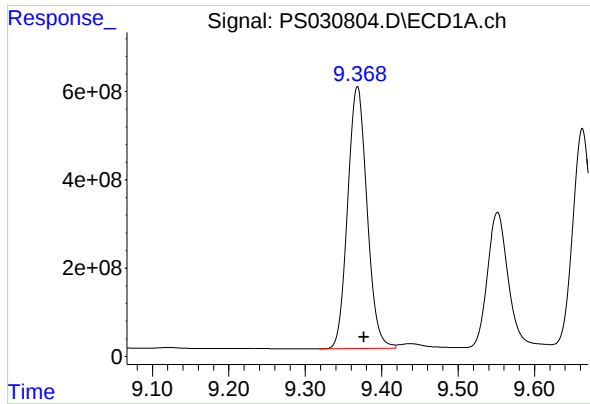
#10 Pentachlorophenol

R.T.: 8.788 min
Delta R.T.: 0.005 min
Response: 28141097839
Conc: 531.71 ng/ml



#10 Pentachlorophenol

R.T.: 9.551 min
Delta R.T.: -0.002 min
Response: 19958686846
Conc: 523.55 ng/ml



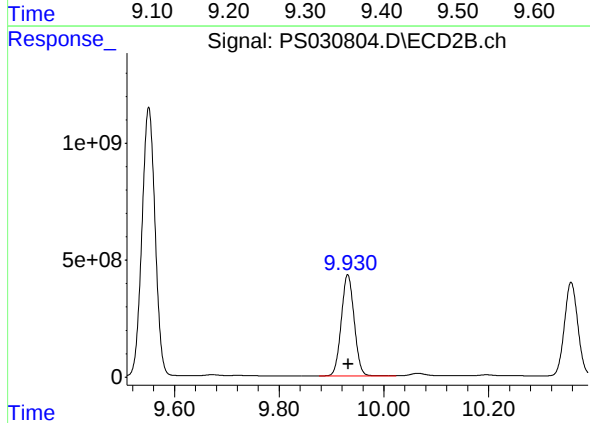
#11 2,4,5-TP (SILVEX)

R.T.: 9.368 min
Delta R.T.: -0.008 min
Response: 10536279659
Conc: 526.01 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168590BSD

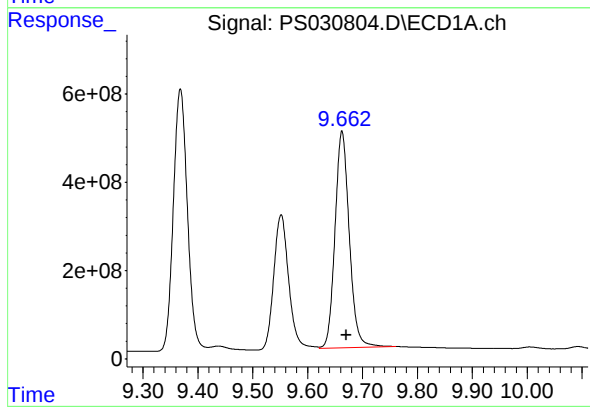
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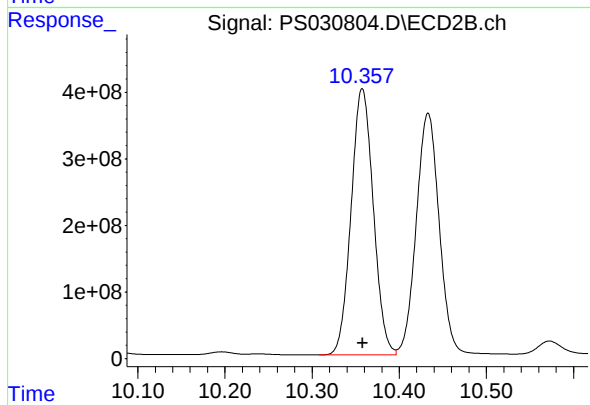
#11 2,4,5-TP (SILVEX)

R.T.: 9.931 min
Delta R.T.: 0.000 min
Response: 7389860035
Conc: 512.16 ng/ml



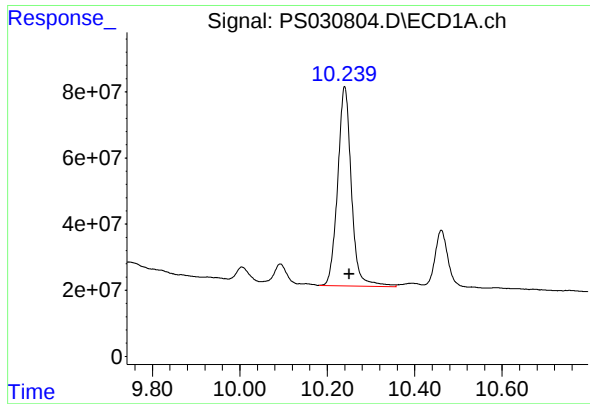
#12 2,4,5-T

R.T.: 9.663 min
Delta R.T.: -0.008 min
Response: 8844776735
Conc: 537.57 ng/ml



#12 2,4,5-T

R.T.: 10.358 min
Delta R.T.: 0.000 min
Response: 7081821883
Conc: 518.26 ng/ml



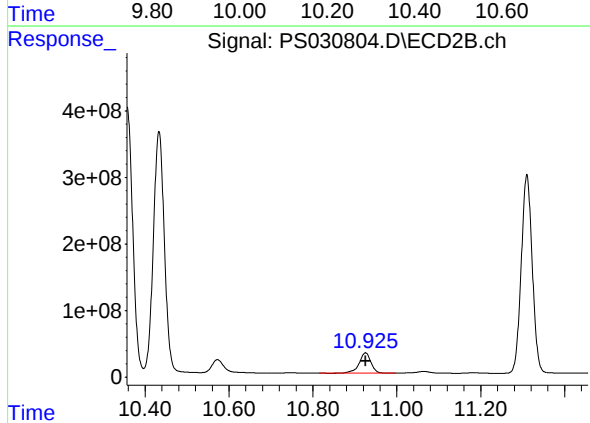
#13 2,4-DB

R.T.: 10.240 min
Delta R.T.: -0.010 min
Response: 1313006387
Conc: 572.49 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168590BSD

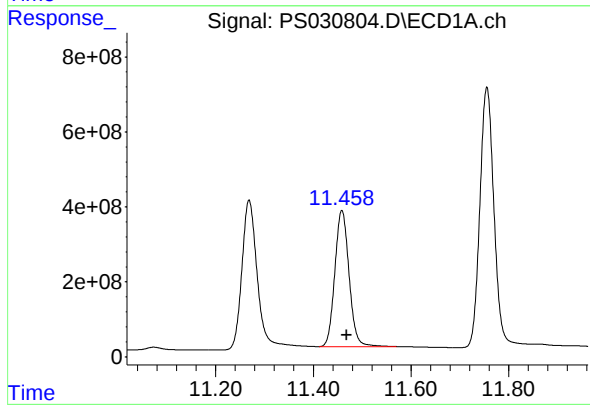
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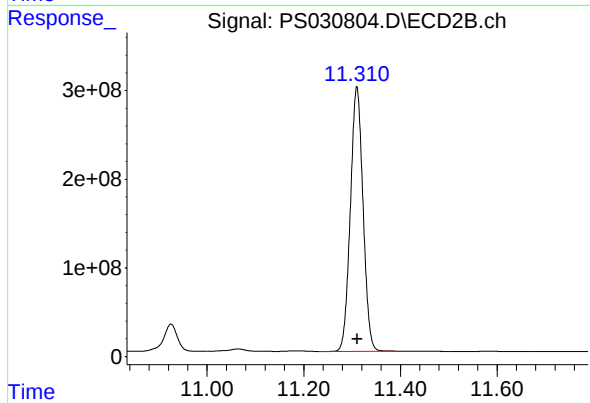
#13 2,4-DB

R.T.: 10.925 min
Delta R.T.: 0.000 min
Response: 601622107
Conc: 508.60 ng/ml



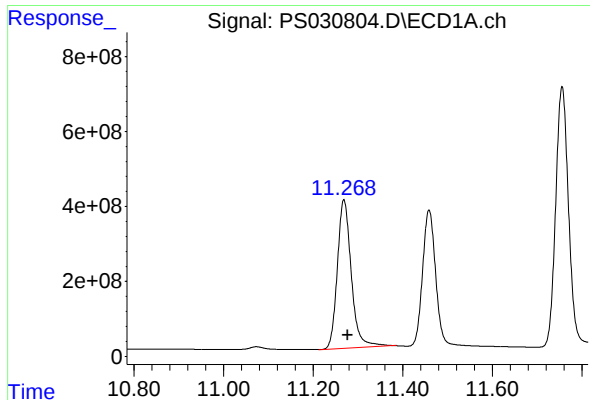
#14 DINOSEB

R.T.: 11.458 min
Delta R.T.: -0.010 min
Response: 7386499282
Conc: 532.43 ng/ml m



#14 DINOSEB

R.T.: 11.310 min
Delta R.T.: -0.001 min
Response: 5422528398
Conc: 502.96 ng/ml



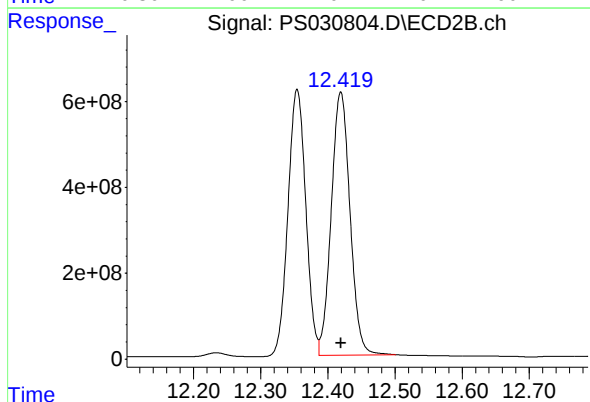
#15 Picloram

R.T.: 11.268 min
Delta R.T.: -0.008 min
Response: 8552050115
Conc: 531.97 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168590BSD

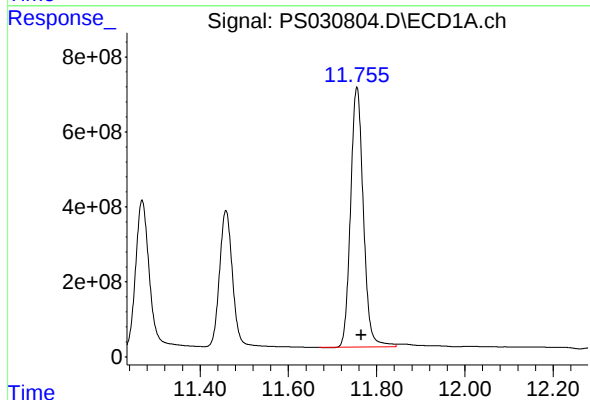
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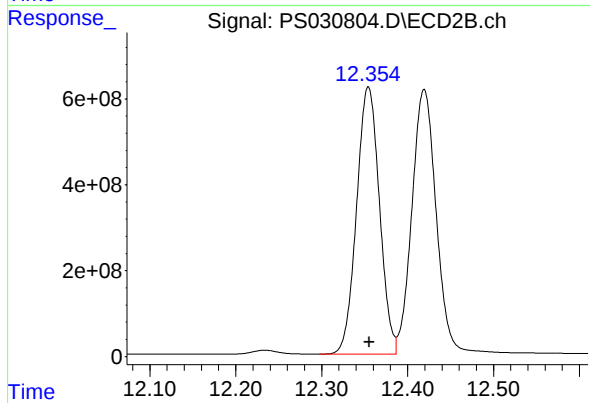
#15 Picloram

R.T.: 12.419 min
Delta R.T.: 0.000 min
Response: 11880699989
Conc: 511.19 ng/ml



#16 DCPA

R.T.: 11.755 min
Delta R.T.: -0.010 min
Response: 13923118516
Conc: 543.53 ng/ml



#16 DCPA

R.T.: 12.354 min
Delta R.T.: -0.002 min
Response: 11496034471
Conc: 521.53 ng/ml m