

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS071125\
 Data File : PS031017.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Jul 2025 21:14
 Operator : AR\AJ
 Sample : Q2493-01MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 WC-11MSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 07/14/2025
 Supervised By : mohammad ahmed 07/15/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 14 06:07:48 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	7.330	7.768	1902.5E6	531.5E6	481.028	513.018
Target Compounds							
1) T	Dalapon	2.652f	2.691	3077.7E6	2198.0E6	505.234m	773.150m#
2) T	3,5-DICHL...	6.493	6.713	2205.7E6	629.1E6	421.051	405.788m
5) T	DICAMBA	7.521	7.970	5890.1E6	2539.6E6	375.380	392.123
6) T	MCP	7.700	8.071	386.6E6	102.9E6	42.015	48.140
7) T	MCPA	7.851	8.317	496.6E6	114.9E6	45.530	35.844
8) T	DICHLORPROP	8.233	8.689	1352.4E6	643.9E6	397.161	423.845
9) T	2,4-D	8.451	9.025	5183.7E6	638.3E6	1683.861	375.604m#
10) T	Pentachlo...	8.771	9.549	9043.3E6	6406.4E6	179.925	166.249m
11) T	2,4,5-TP ...	9.351	9.930	7760.4E6	6033.2E6	416.984	411.102m
12) T	2,4,5-T	9.645	10.357	6766.9E6	5660.0E6	444.804m	404.521m
13) T	2,4-DB	10.223	10.924	753.7E6	418.0E6	347.181m	353.313
15) T	Picloram	11.247	12.419	6380.5E6	7961.7E6	437.859m	339.074m
16) T	DCPA	11.732	12.354	8844.1E6	9248.4E6	369.473	410.090

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

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Acq On : 11 Jul 2025 21:14
Operator : AR\AJ
Sample : Q2493-01MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

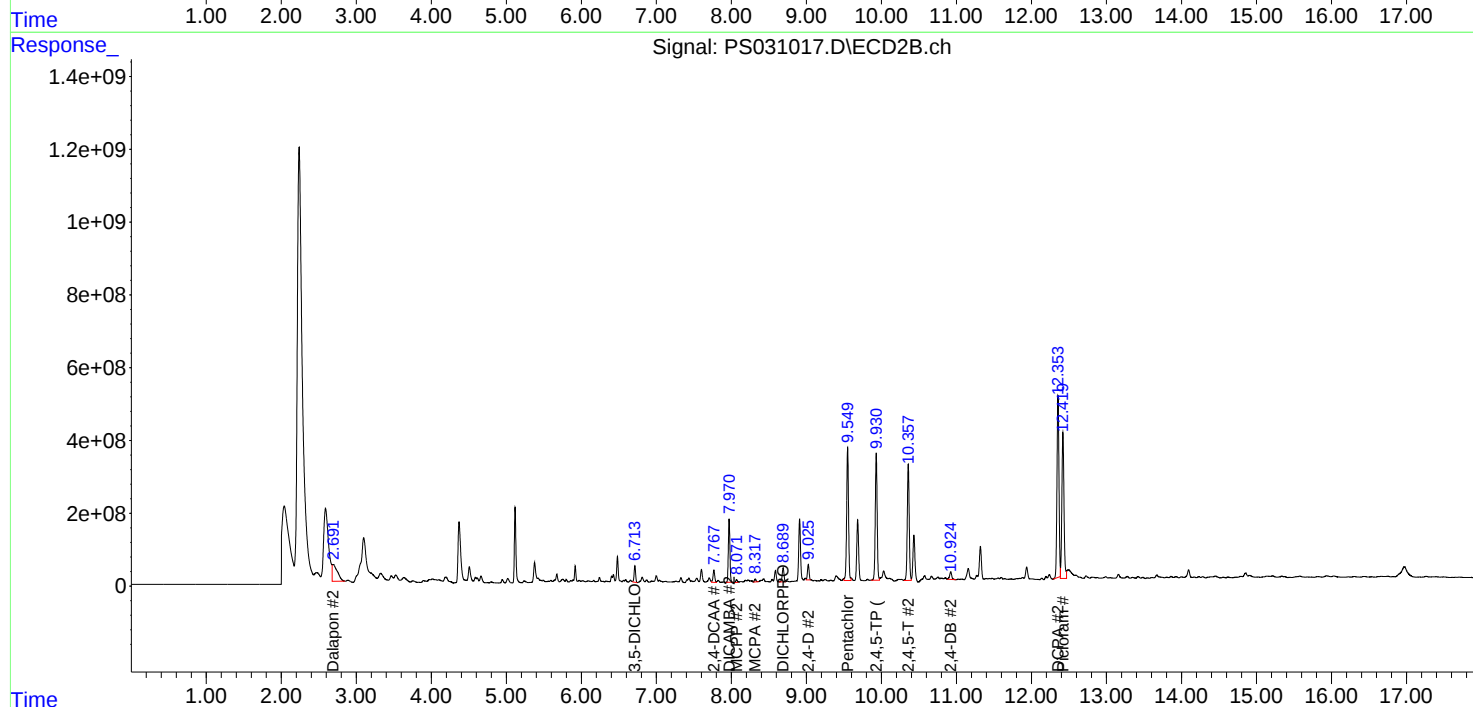
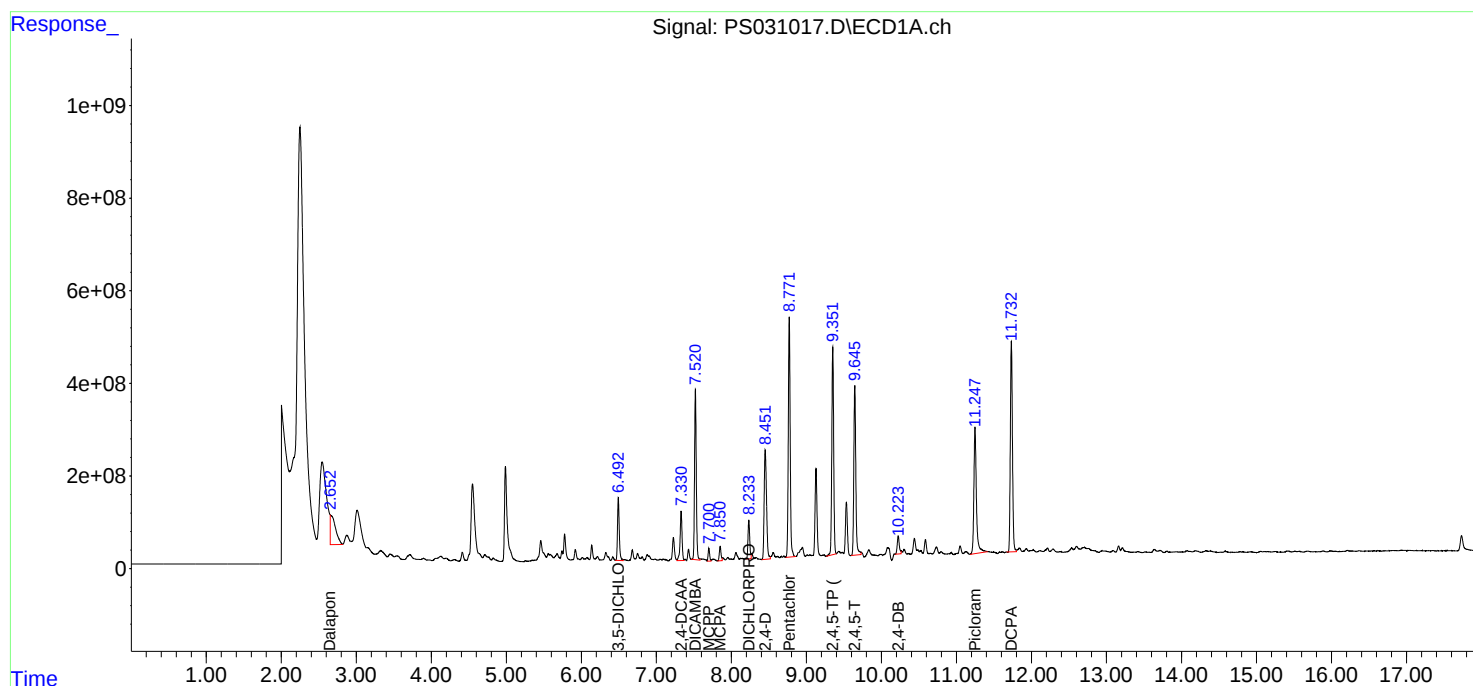
Instrument :
ECD_S
ClientSampleId :
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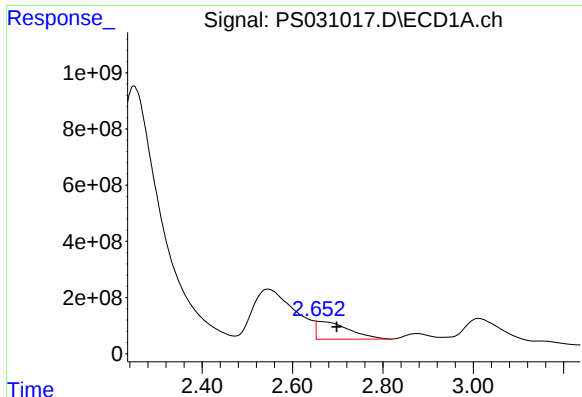
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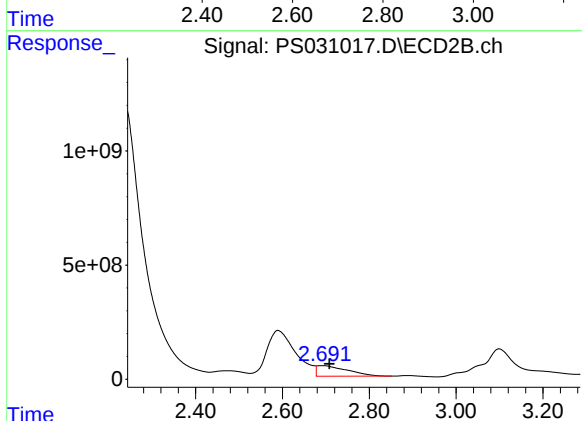
#1 Dalapon

R.T.: 2.652 min
Delta R.T.: -0.046 min
Response: 3077743637
Conc: 505.23 ng/ml

Instrument :
ECD_S
ClientSampleId :
WC-11MSD

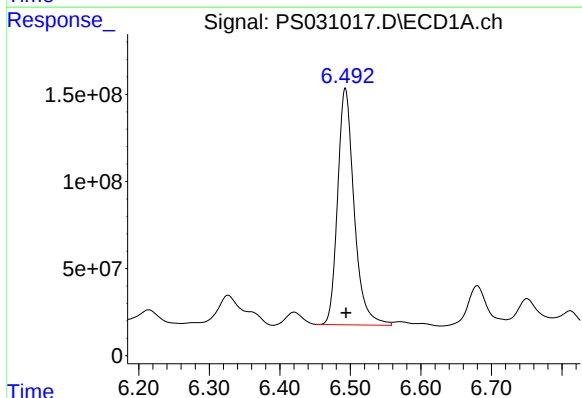
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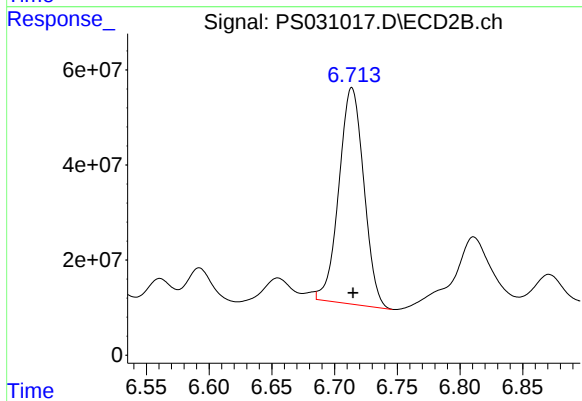
#1 Dalapon

R.T.: 2.691 min
Delta R.T.: -0.017 min
Response: 2197955933
Conc: 773.15 ng/ml m



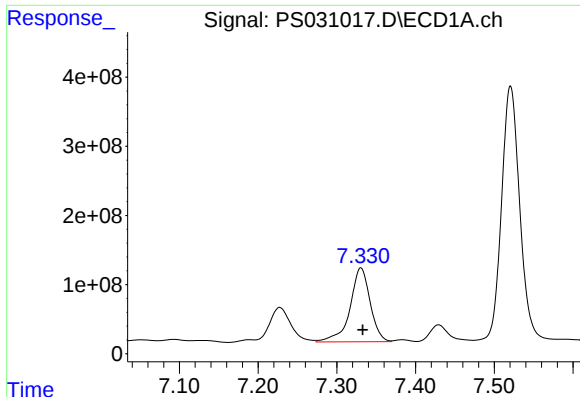
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.493 min
Delta R.T.: -0.001 min
Response: 2205719241
Conc: 421.05 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.713 min
Delta R.T.: -0.002 min
Response: 629108171
Conc: 405.79 ng/ml m



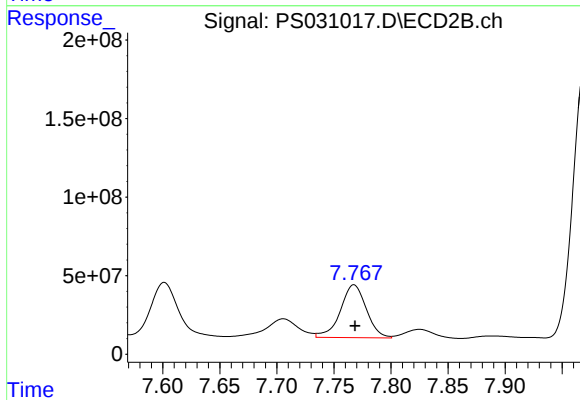
#4 2,4-DCAA

R.T.: 7.330 min
Delta R.T.: -0.002 min
Response: 1902501407
Conc: 481.03 ng/ml

Instrument :
ECD_S
ClientSampleId :
WC-11MSD

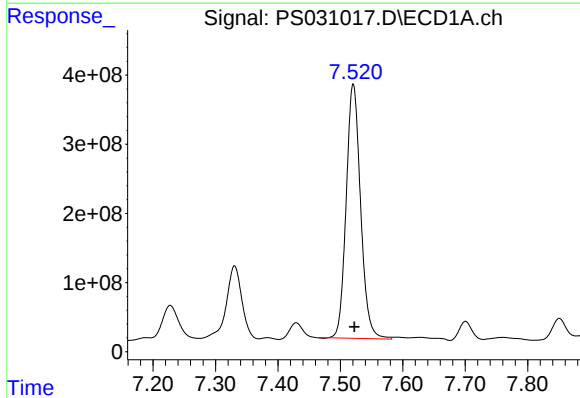
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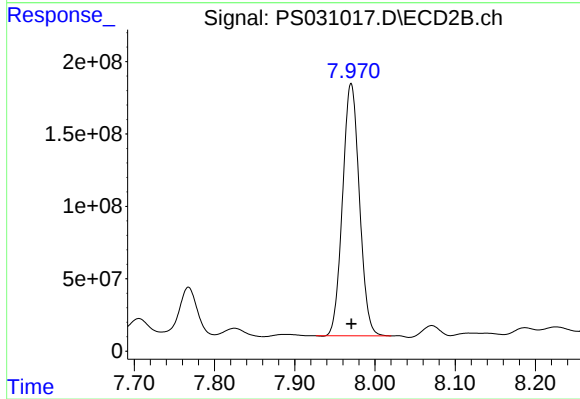
#4 2,4-DCAA

R.T.: 7.768 min
Delta R.T.: -0.001 min
Response: 531503591
Conc: 513.02 ng/ml



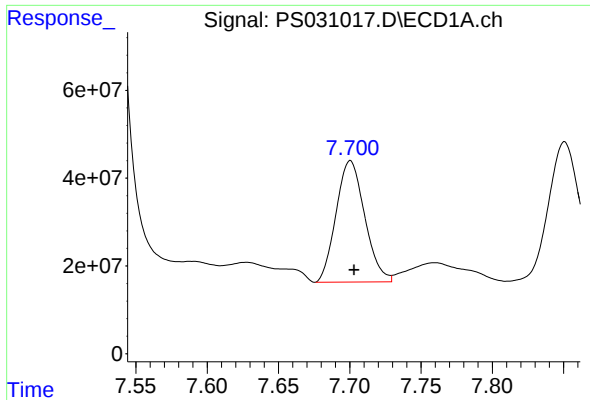
#5 DICAMBA

R.T.: 7.521 min
Delta R.T.: -0.002 min
Response: 5890058061
Conc: 375.38 ng/ml



#5 DICAMBA

R.T.: 7.970 min
Delta R.T.: 0.000 min
Response: 2539552592
Conc: 392.12 ng/ml



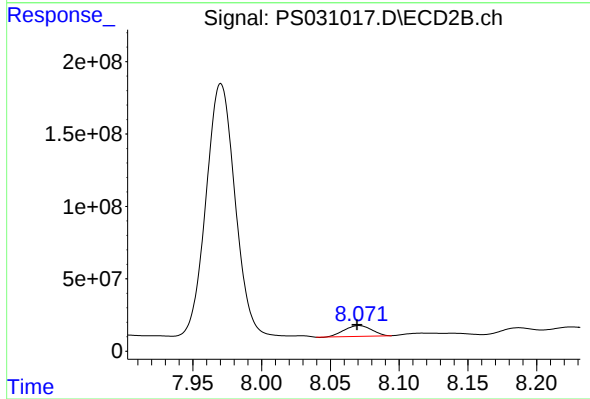
#6 MCPP

R.T.: 7.700 min
Delta R.T.: -0.003 min
Response: 386593474
Conc: 42.02 ug/ml

Instrument :
ECD_S
ClientSampleId :
WC-11MSD

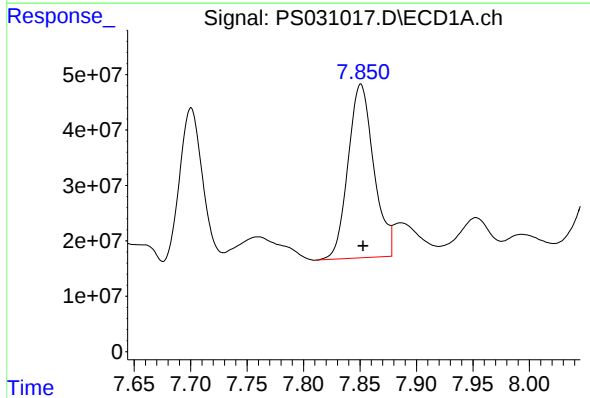
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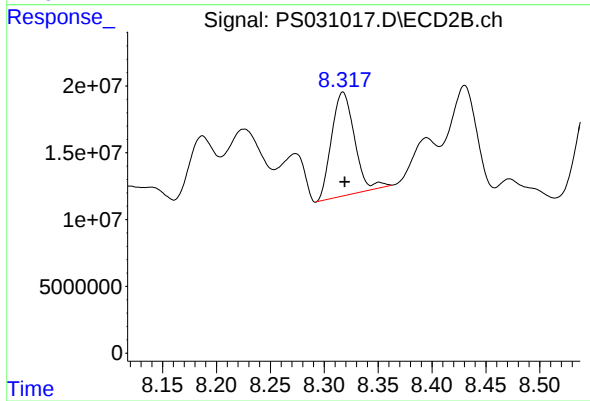
#6 MCPP

R.T.: 8.071 min
Delta R.T.: 0.002 min
Response: 102920954
Conc: 48.14 ug/ml



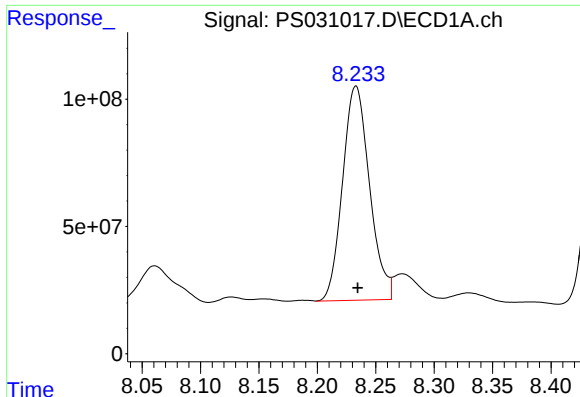
#7 MCPA

R.T.: 7.851 min
Delta R.T.: -0.002 min
Response: 496580707
Conc: 45.53 ug/ml



#7 MCPA

R.T.: 8.317 min
Delta R.T.: -0.001 min
Response: 114903646
Conc: 35.84 ug/ml



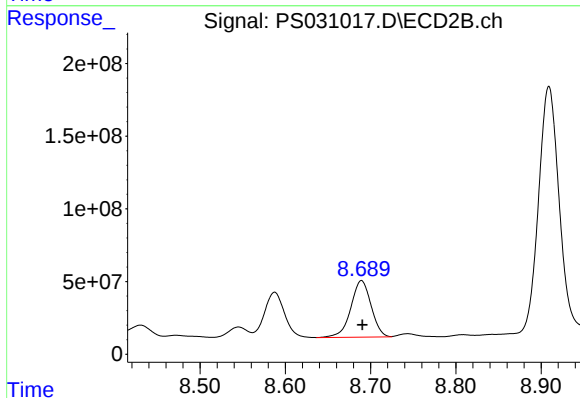
#8 DICHLORPROP

R.T.: 8.233 min
Delta R.T.: -0.002 min
Response: 1352394318
Conc: 397.16 ng/ml

Instrument :
ECD_S
ClientSampleId :
WC-11MSD

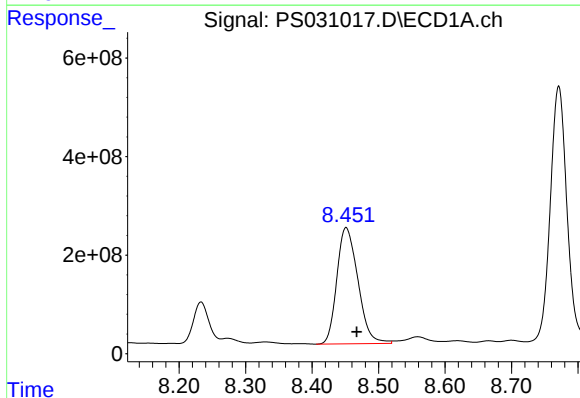
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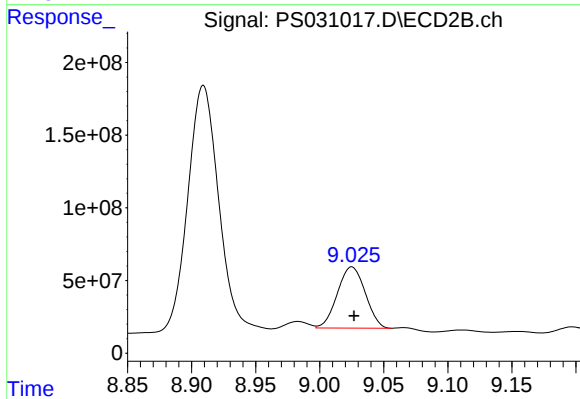
#8 DICHLORPROP

R.T.: 8.689 min
Delta R.T.: -0.001 min
Response: 643930889
Conc: 423.84 ng/ml



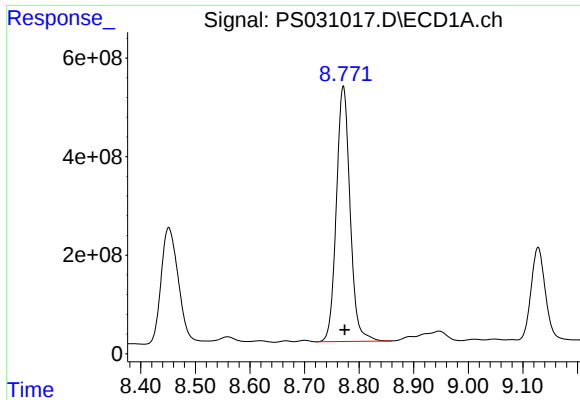
#9 2,4-D

R.T.: 8.451 min
Delta R.T.: -0.016 min
Response: 5183657529
Conc: 1683.86 ng/ml



#9 2,4-D

R.T.: 9.025 min
Delta R.T.: -0.002 min
Response: 638326180
Conc: 375.60 ng/ml m



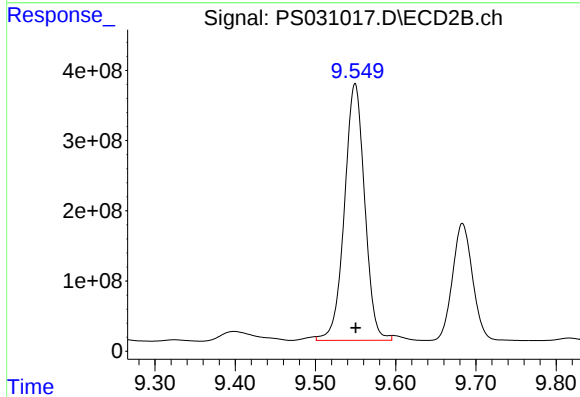
#10 Pentachlorophenol

R.T.: 8.771 min
Delta R.T.: -0.002 min
Response: 9043295219
Conc: 179.92 ng/ml

Instrument :
ECD_S
ClientSampleId :
WC-11MSD

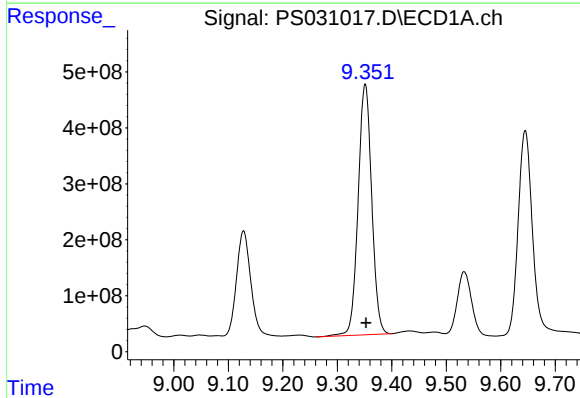
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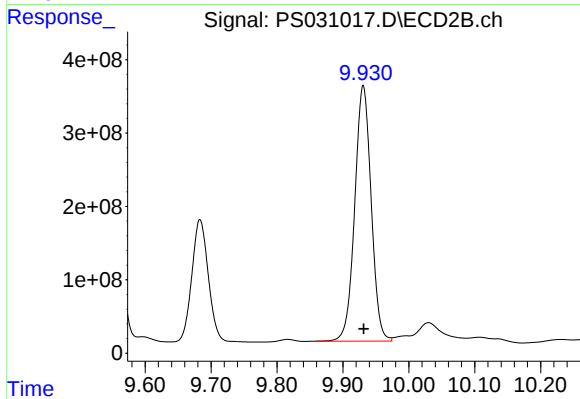
#10 Pentachlorophenol

R.T.: 9.549 min
Delta R.T.: -0.001 min
Response: 6406426587
Conc: 166.25 ng/ml m



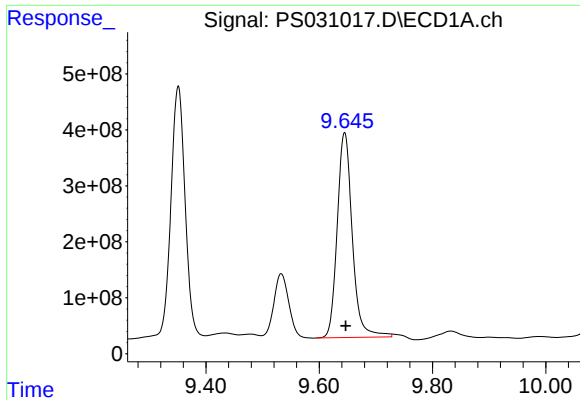
#11 2,4,5-TP (SILVEX)

R.T.: 9.351 min
Delta R.T.: -0.002 min
Response: 7760374983
Conc: 416.98 ng/ml



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

R.T.: 9.930 min
Delta R.T.: -0.001 min
Response: 6033245576
Conc: 411.10 ng/ml m



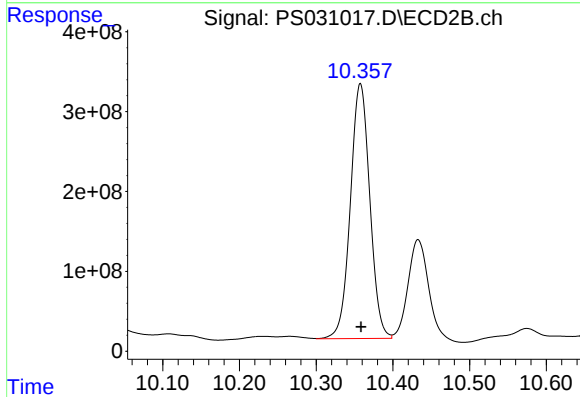
#12 2,4,5-T

R.T.: 9.645 min
Delta R.T.: -0.002 min
Response: 6766942121
Conc: 444.80 ng/ml

Instrument :
ECD_S
ClientSampleId :
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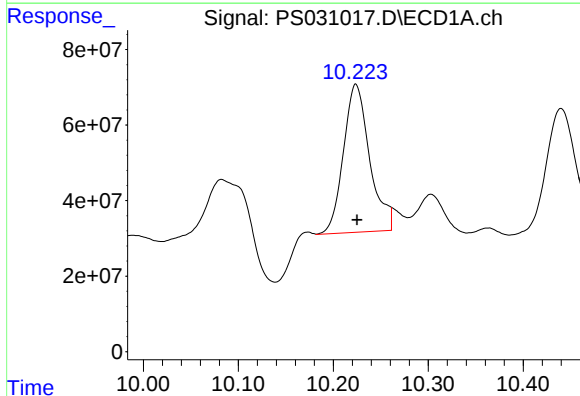
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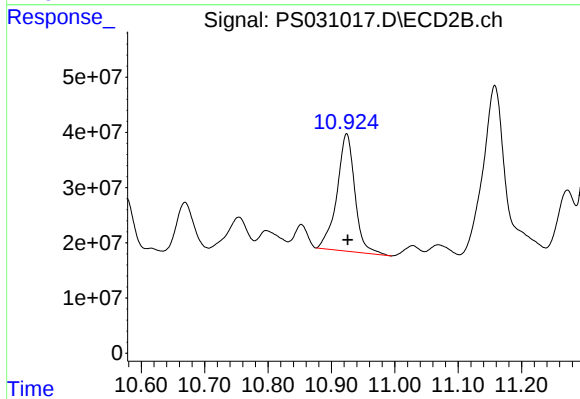
#12 2,4,5-T

R.T.: 10.357 min
Delta R.T.: -0.001 min
Response: 5659990482
Conc: 404.52 ng/ml m



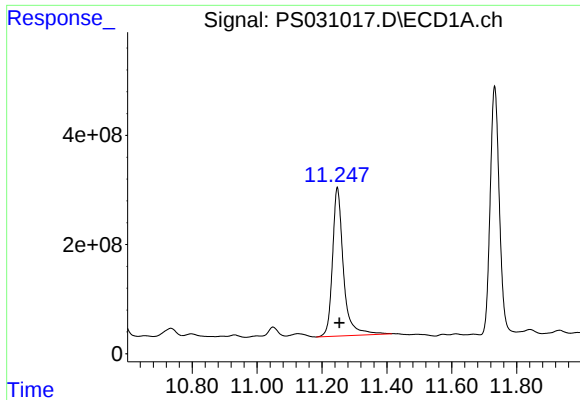
#13 2,4-DB

R.T.: 10.223 min
Delta R.T.: -0.002 min
Response: 753656918
Conc: 347.18 ng/ml m



#13 2,4-DB

R.T.: 10.924 min
Delta R.T.: -0.002 min
Response: 418033320
Conc: 353.31 ng/ml



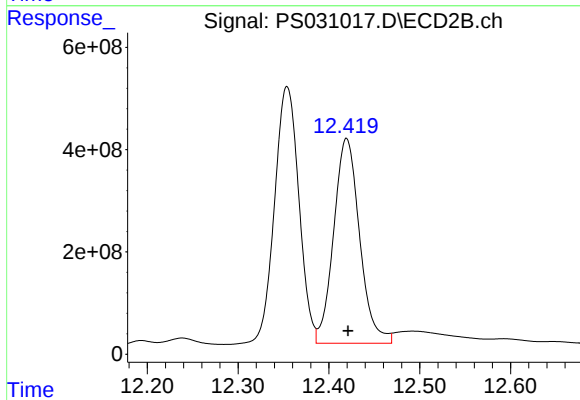
#15 Picloram

R.T.: 11.247 min
Delta R.T.: -0.007 min
Response: 6380461661
Conc: 437.86 ng/ml

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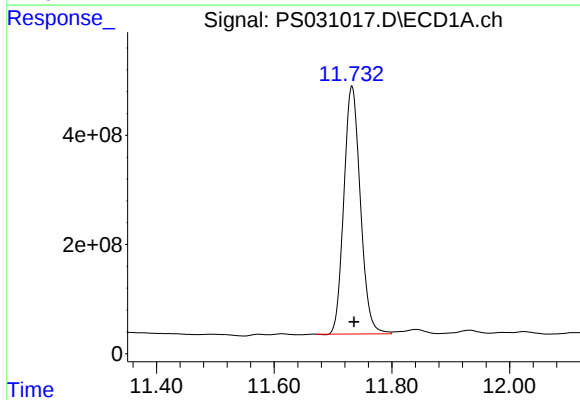
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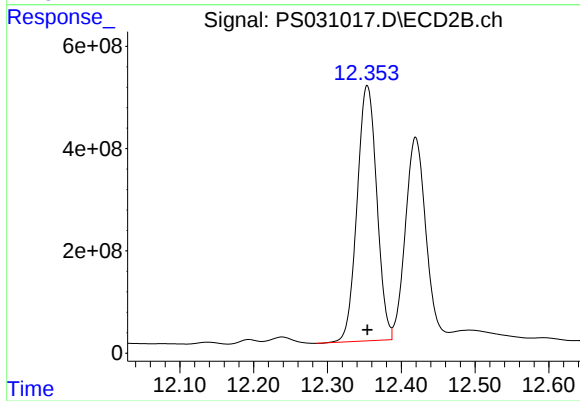
#15 Picloram

R.T.: 12.419 min
Delta R.T.: -0.002 min
Response: 7961687650
Conc: 339.07 ng/ml m



#16 DCPA

R.T.: 11.732 min
Delta R.T.: -0.004 min
Response: 8844146100
Conc: 369.47 ng/ml



#16 DCPA

R.T.: 12.354 min
Delta R.T.: 0.000 min
Response: 9248352102
Conc: 410.09 ng/ml