

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS071025\
 Data File : PS030981.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Jul 2025 10:36
 Operator : AR\AJ
 Sample : Q2493-01MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 WC-11MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/11/2025
 Supervised By :mohammad ahmed 07/11/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 10 22:55:34 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 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	7.335	7.769	1848.2E6	468.9E6	502.983	437.375
Target Compounds							
1) T	Dalapon	2.655f	2.676f	2974.4E6	1809.3E6	498.583m	659.917m#
2) T	3,5-DICHL...	6.496	6.714	2096.2E6	629.7E6	389.799	390.354
5) T	DICAMBA	7.524	7.972	5700.4E6	2372.5E6	374.652m	362.032
6) T	MCP	7.705	8.071	360.3E6	91929782	38.382m	43.832m
7) T	MCPA	7.855	8.316	497.1E6	93640689	42.379m	29.767 #
8) T	DICHLORPROP	8.237	8.692	1374.0E6	604.7E6	366.804m	384.577
9) T	2,4-D	8.457f	9.027	5183.0E6	586.5E6	1504.758	345.101m#
10) T	Pentachlo...	8.776	9.551	8916.1E6	6112.0E6	168.466m	160.327
11) T	2,4,5-TP ...	9.357	9.933	7874.4E6	5618.8E6	393.121	389.416m
12) T	2,4,5-T	9.651	10.359	7138.0E6	5207.3E6	433.837	381.076m
13) T	2,4-DB	10.229	10.927	757.4E6	381.0E6	330.258m	322.048
15) T	Picloram	11.256	12.423	6371.6E6	6500.0E6	396.342m	279.672m#
16) T	DCPA	11.739f	12.357	8688.7E6	8791.8E6	339.186	398.851m

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

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Data File : PS030981.D
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Acq On : 10 Jul 2025 10:36
Operator : AR\AJ
Sample : Q2493-01MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

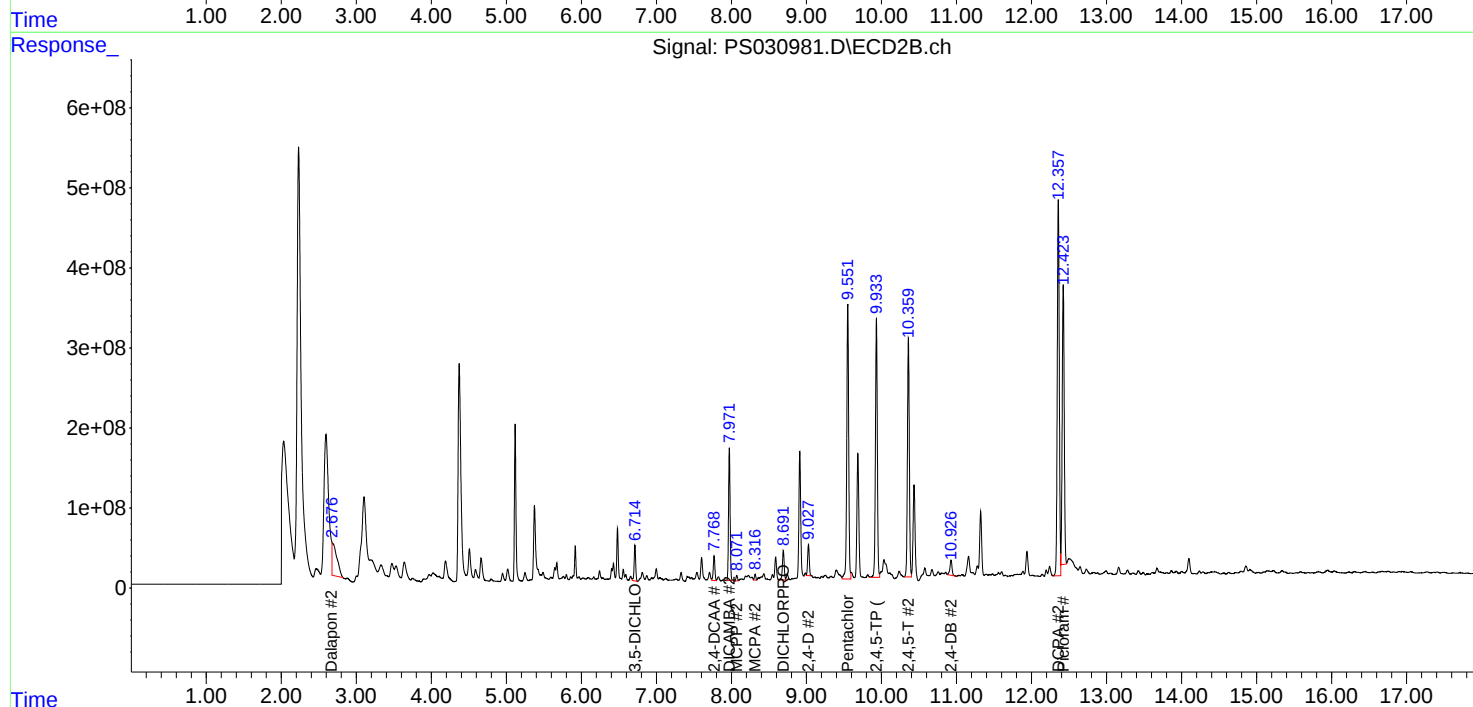
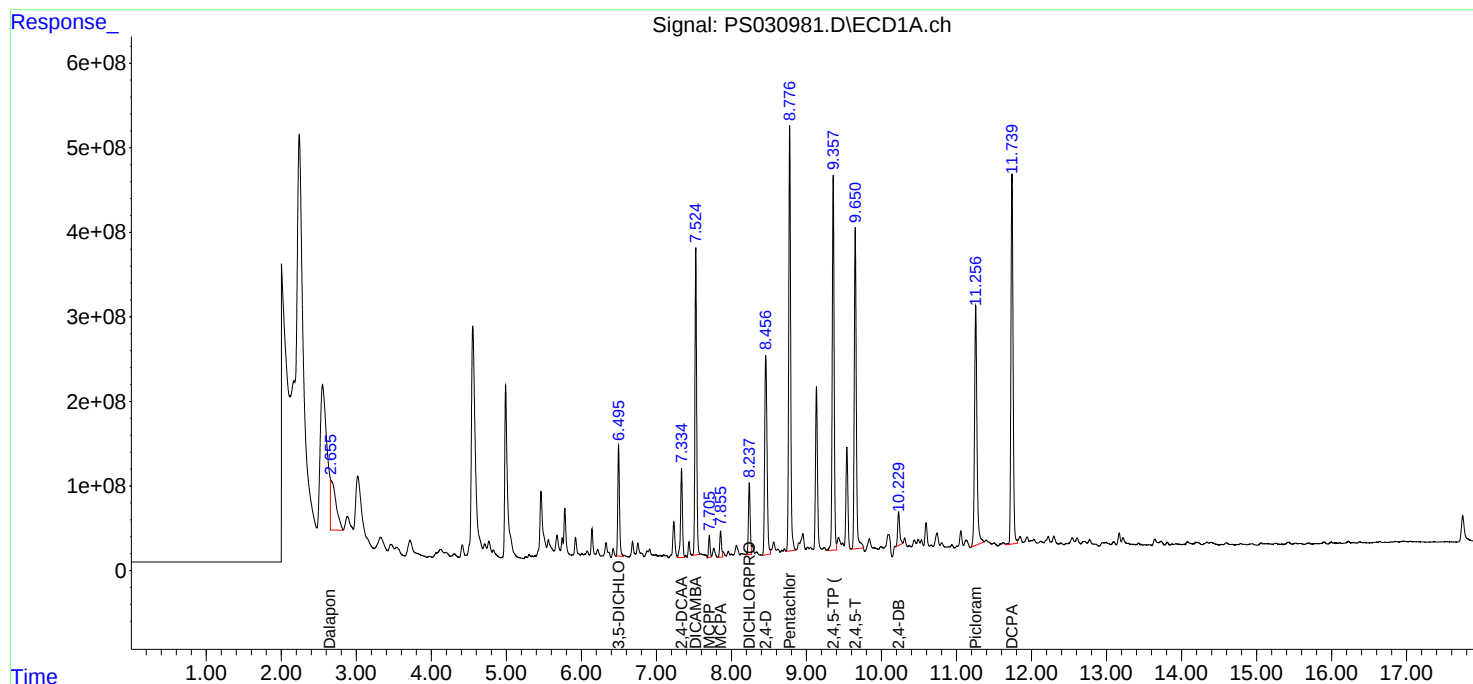
Instrument :
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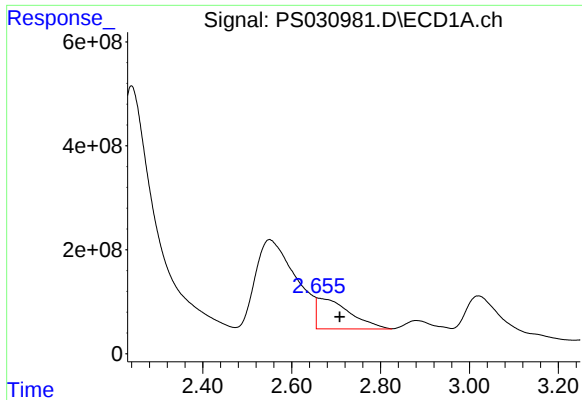
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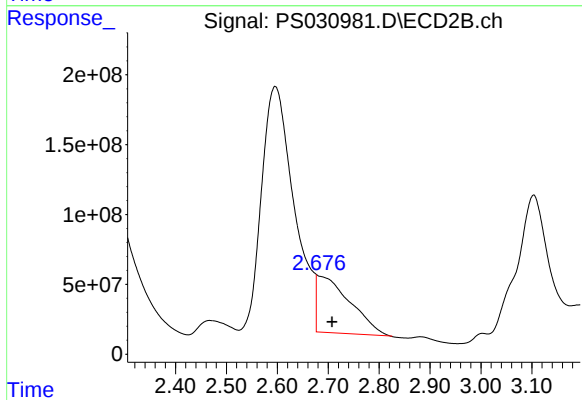
#1 Dalapon

R.T.: 2.655 min
Delta R.T.: -0.053 min
Response: 2974364122
Conc: 498.58 ng/ml

Instrument :
ECD_S
ClientSampleId :
WC-11MS

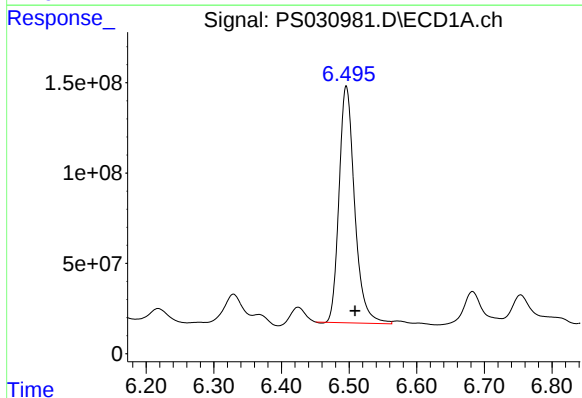
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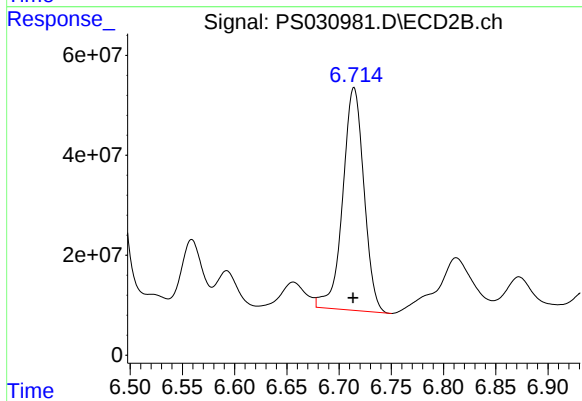
#1 Dalapon

R.T.: 2.676 min
Delta R.T.: -0.031 min
Response: 1809323518
Conc: 659.92 ng/ml m



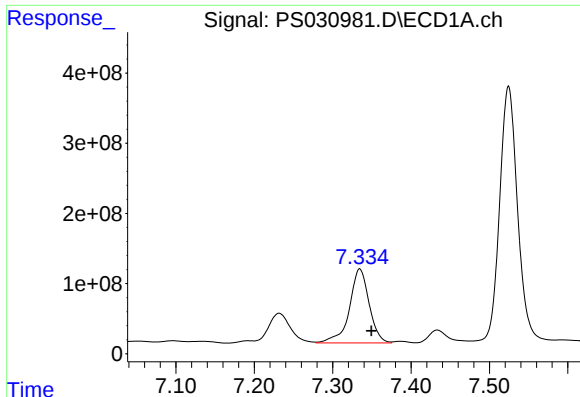
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.496 min
Delta R.T.: -0.013 min
Response: 2096164862
Conc: 389.80 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.714 min
Delta R.T.: 0.000 min
Response: 629698902
Conc: 390.35 ng/ml



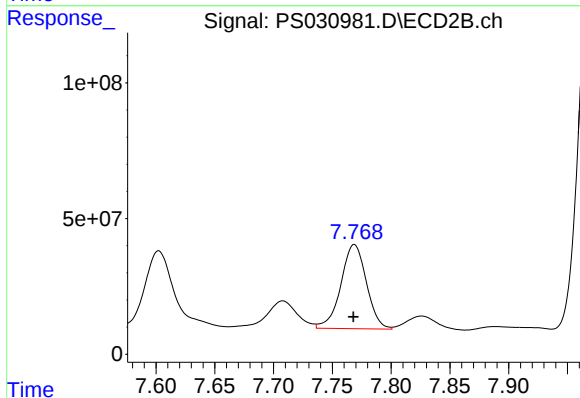
#4 2,4-DCAA

R.T.: 7.335 min
Delta R.T.: -0.015 min
Response: 1848157239
Conc: 502.98 ng/ml

Instrument :
ECD_S
ClientSampleId :
WC-11MS

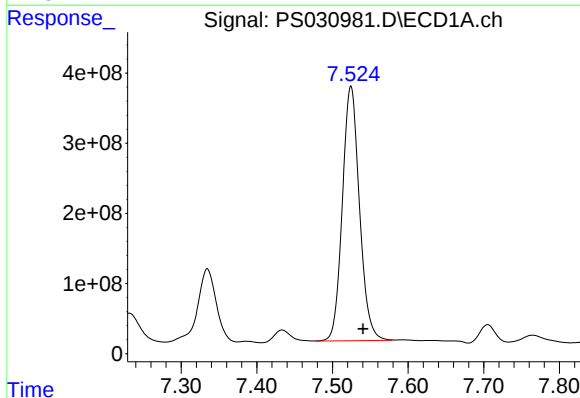
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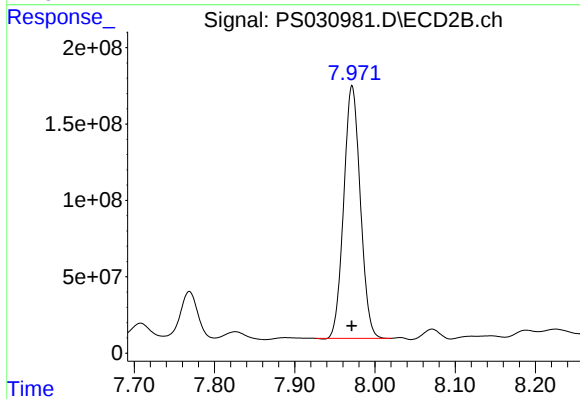
#4 2,4-DCAA

R.T.: 7.769 min
Delta R.T.: 0.000 min
Response: 468850524
Conc: 437.38 ng/ml



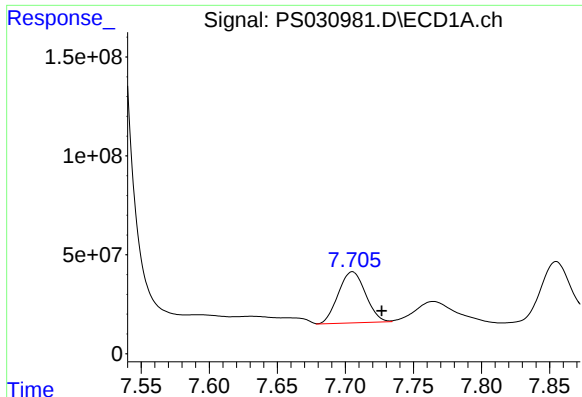
#5 DICAMBA

R.T.: 7.524 min
Delta R.T.: -0.016 min
Response: 5700362135
Conc: 374.65 ng/ml m



#5 DICAMBA

R.T.: 7.972 min
Delta R.T.: 0.000 min
Response: 2372476004
Conc: 362.03 ng/ml



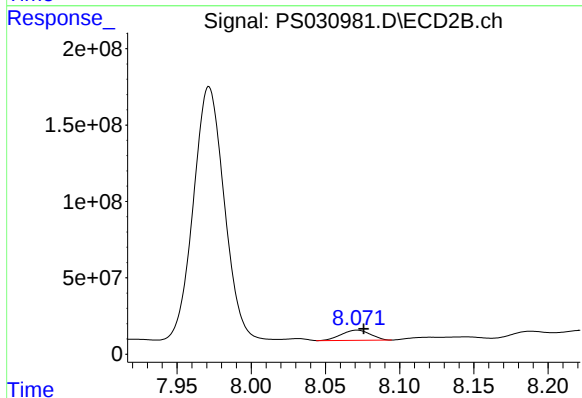
#6 MCPP

R.T.: 7.705 min
Delta R.T.: -0.022 min
Response: 360340601
Conc: 38.38 ug/ml

Instrument :
ECD_S
ClientSampleId :
WC-11MS

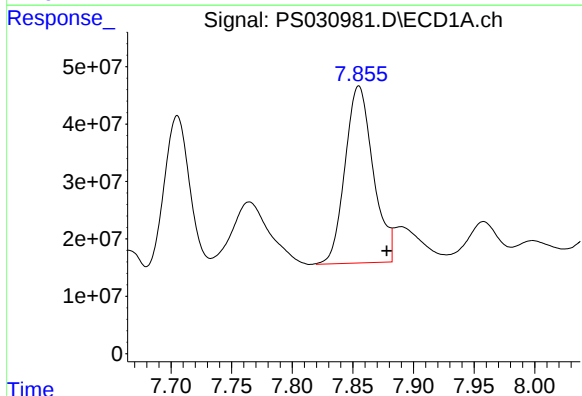
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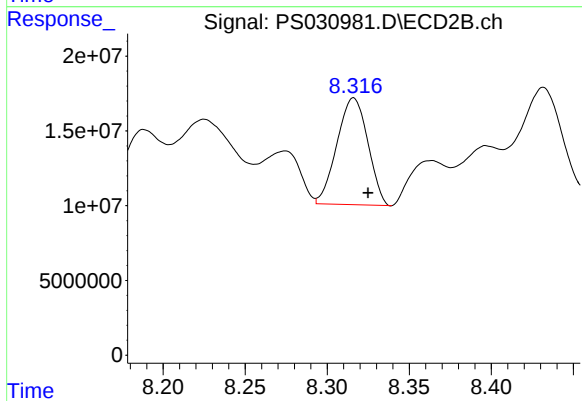
#6 MCPP

R.T.: 8.071 min
Delta R.T.: -0.005 min
Response: 91929782
Conc: 43.83 ug/ml m



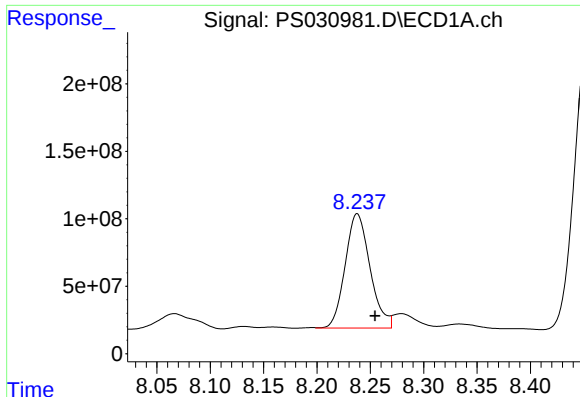
#7 MCPA

R.T.: 7.855 min
Delta R.T.: -0.023 min
Response: 497125574
Conc: 42.38 ug/ml m



#7 MCPA

R.T.: 8.316 min
Delta R.T.: -0.009 min
Response: 93640689
Conc: 29.77 ug/ml



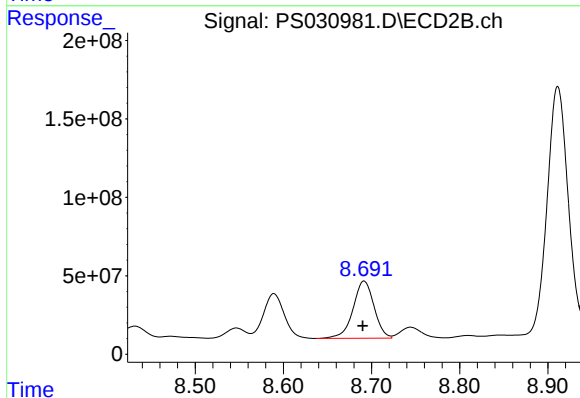
#8 DICHLORPROP

R.T.: 8.237 min
Delta R.T.: -0.017 min
Response: 1373963124
Conc: 366.80 ng/ml

Instrument :
ECD_S
ClientSampleId :
WC-11MS

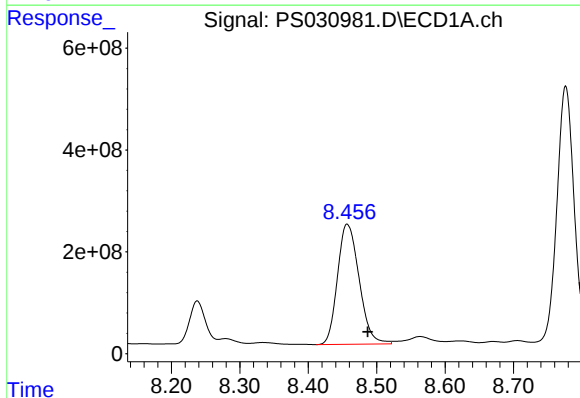
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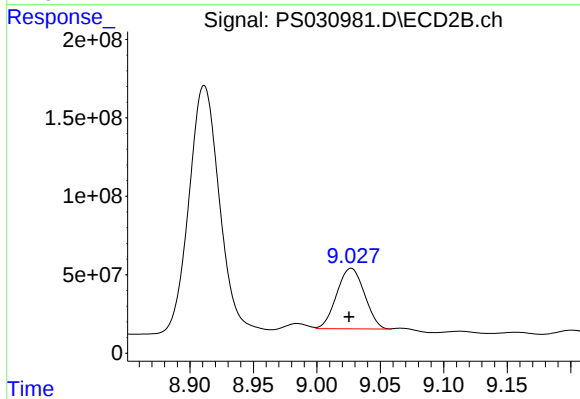
#8 DICHLORPROP

R.T.: 8.692 min
Delta R.T.: 0.002 min
Response: 604745989
Conc: 384.58 ng/ml



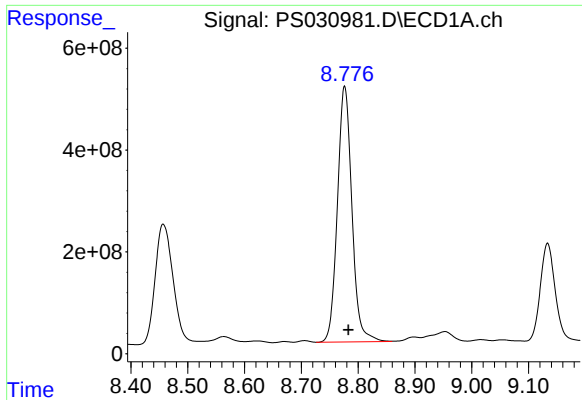
#9 2,4-D

R.T.: 8.457 min
Delta R.T.: -0.030 min
Response: 5183005061
Conc: 1504.76 ng/ml



#9 2,4-D

R.T.: 9.027 min
Delta R.T.: 0.001 min
Response: 586466713
Conc: 345.10 ng/ml m



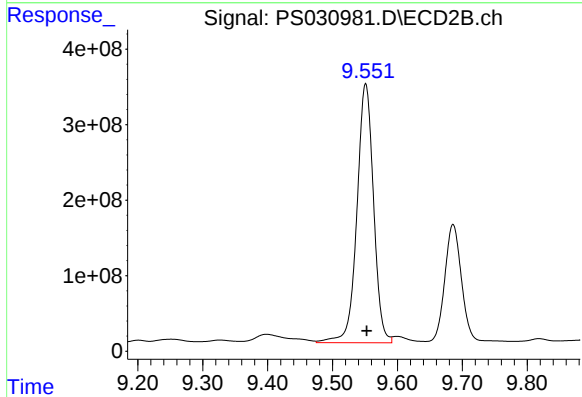
#10 Pentachlorophenol

R.T.: 8.776 min
Delta R.T.: -0.007 min
Response: 8916126437
Conc: 168.47 ng/ml

Instrument :
ECD_S
ClientSampleId :
WC-11MS

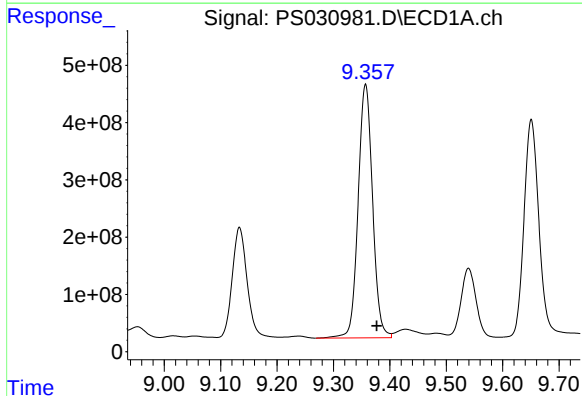
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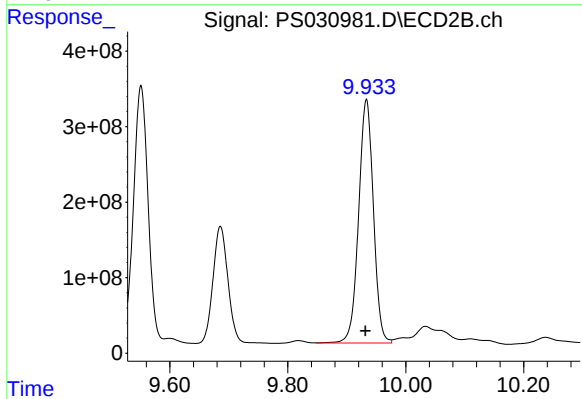
#10 Pentachlorophenol

R.T.: 9.551 min
Delta R.T.: -0.002 min
Response: 6112017664
Conc: 160.33 ng/ml



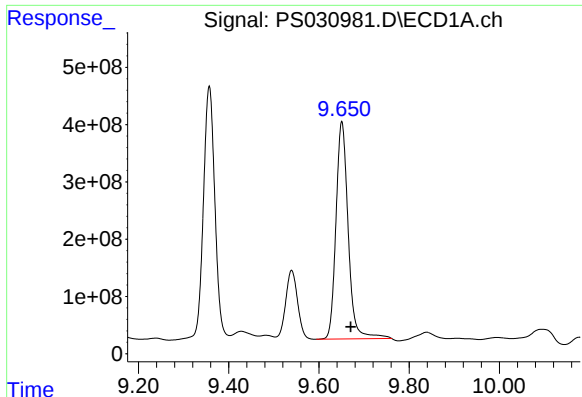
#11 2,4,5-TP (SILVEX)

R.T.: 9.357 min
Delta R.T.: -0.020 min
Response: 7874373537
Conc: 393.12 ng/ml



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

R.T.: 9.933 min
Delta R.T.: 0.001 min
Response: 5618772788
Conc: 389.42 ng/ml m



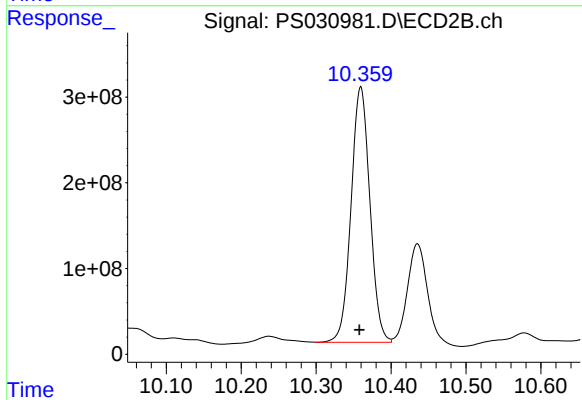
#12 2,4,5-T

R.T.: 9.651 min
Delta R.T.: -0.019 min
Response: 7137993240
Conc: 433.84 ng/ml

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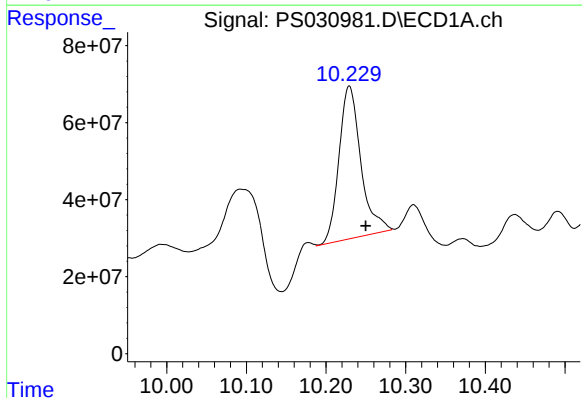
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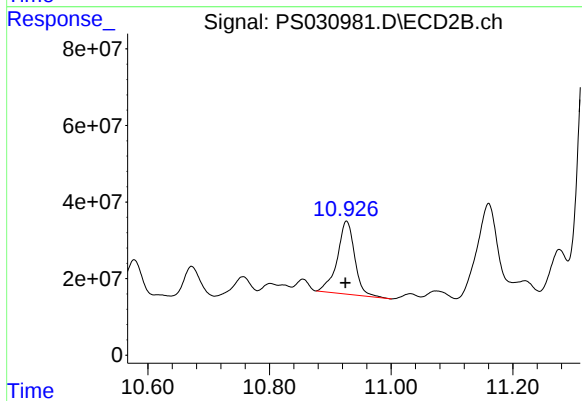
#12 2,4,5-T

R.T.: 10.359 min
Delta R.T.: 0.002 min
Response: 5207257006
Conc: 381.08 ng/ml m



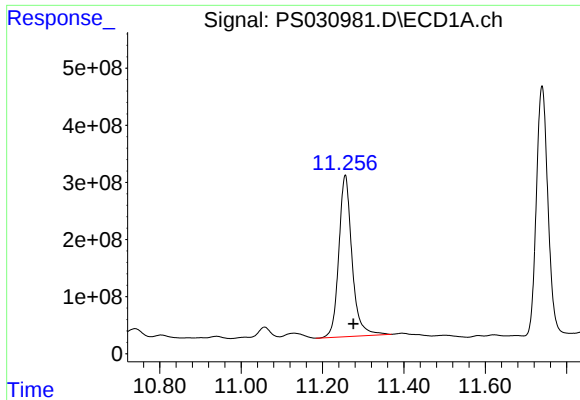
#13 2,4-DB

R.T.: 10.229 min
Delta R.T.: -0.021 min
Response: 757446588
Conc: 330.26 ng/ml m



#13 2,4-DB

R.T.: 10.927 min
Delta R.T.: 0.002 min
Response: 380951623
Conc: 322.05 ng/ml



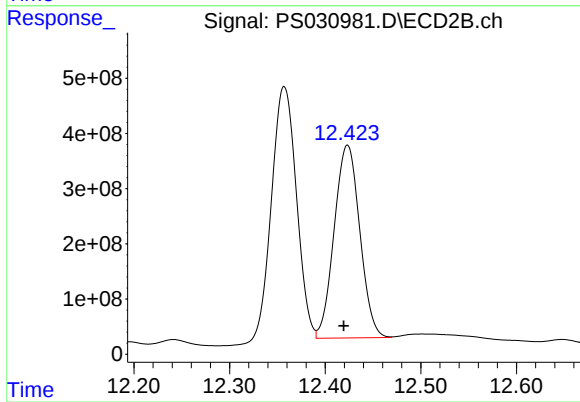
#15 Picloram

R.T.: 11.256 min
Delta R.T.: -0.021 min
Response: 6371637520
Conc: 396.34 ng/ml

Instrument :
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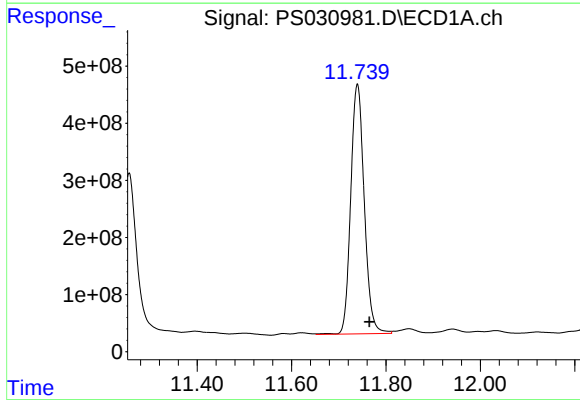
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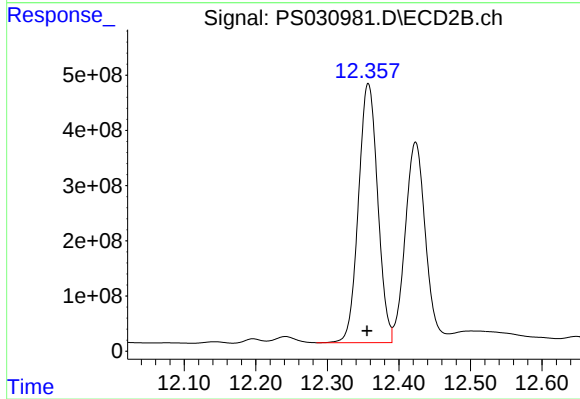
#15 Picloram

R.T.: 12.423 min
Delta R.T.: 0.003 min
Response: 6499968897
Conc: 279.67 ng/ml m



#16 DCPA

R.T.: 11.739 min
Delta R.T.: -0.026 min
Response: 8688687586
Conc: 339.19 ng/ml



#16 DCPA

R.T.: 12.357 min
Delta R.T.: 0.001 min
Response: 8791798788
Conc: 398.85 ng/ml m