

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS071425\
 Data File : PS031022.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Jul 2025 16:34
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 07/16/2025
 Supervised By : mohammad ahmed 07/17/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 15 01:30:41 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	7.332	7.766	2751.4E6	650.2E6	695.675	627.629
Target Compounds							
1) T	Dalapon	2.695	2.703	3735.3E6	1651.5E6	613.182	580.913
2) T	3,5-DICHL...	6.493	6.712	3350.4E6	901.4E6	639.553	581.421
3) T	4-Nitroph...	7.132	7.299	966.6E6	1034.6E6	716.015	593.246
5) T	DICAMBA	7.521	7.968	10213.4E6	3905.4E6	650.911	603.011
6) T	MCPD	7.702	8.066	605.0E6	132.1E6	65.747	61.782
7) T	MCPA	7.852	8.315	734.9E6	192.9E6	67.384	60.178
8) T	DICHLORPROP	8.234	8.688	2233.1E6	907.4E6	655.794	597.242
9) T	2,4-D	8.466	9.024	2295.6E6	1019.4E6	745.712	599.861
10) T	Pentachlo...	8.773	9.548	35362.2E6	24395.8E6	703.564	633.082
11) T	2,4,5-TP ...	9.351	9.929	13316.6E6	9073.9E6	715.531	618.288
12) T	2,4,5-T	9.646	10.356	11912.2E6	8679.9E6	783.012	620.357
13) T	2,4-DB	10.223	10.924	1803.4E6	721.9E6	830.761	610.176 #
14) T	DINOSEB	11.440	11.308	9554.3E6	6902.2E6	724.696	608.041
15) T	Picloram	11.251	12.419	12460.1E6	15508.2E6	855.075m	660.468
16) T	DCPA	11.737	12.352	17794.4E6	14170.0E6	743.379	628.326

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

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Acq On : 14 Jul 2025 16:34
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

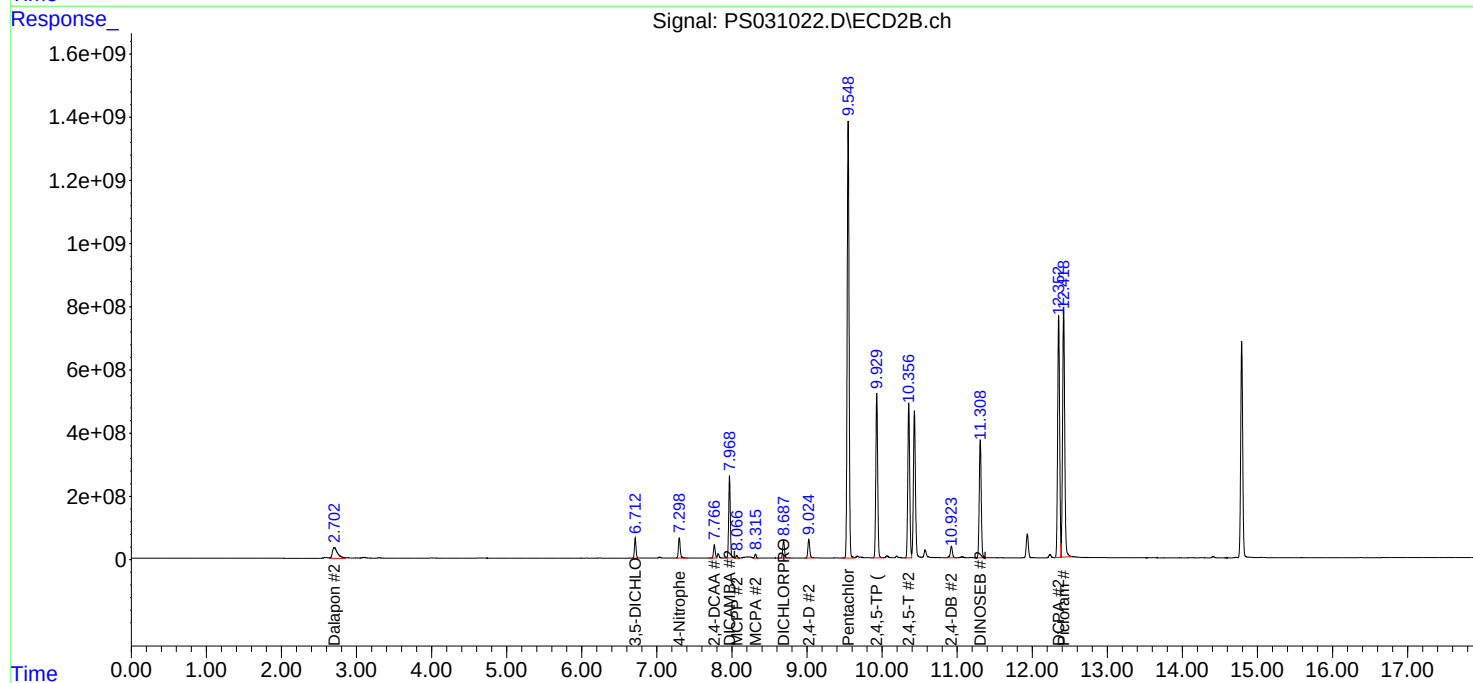
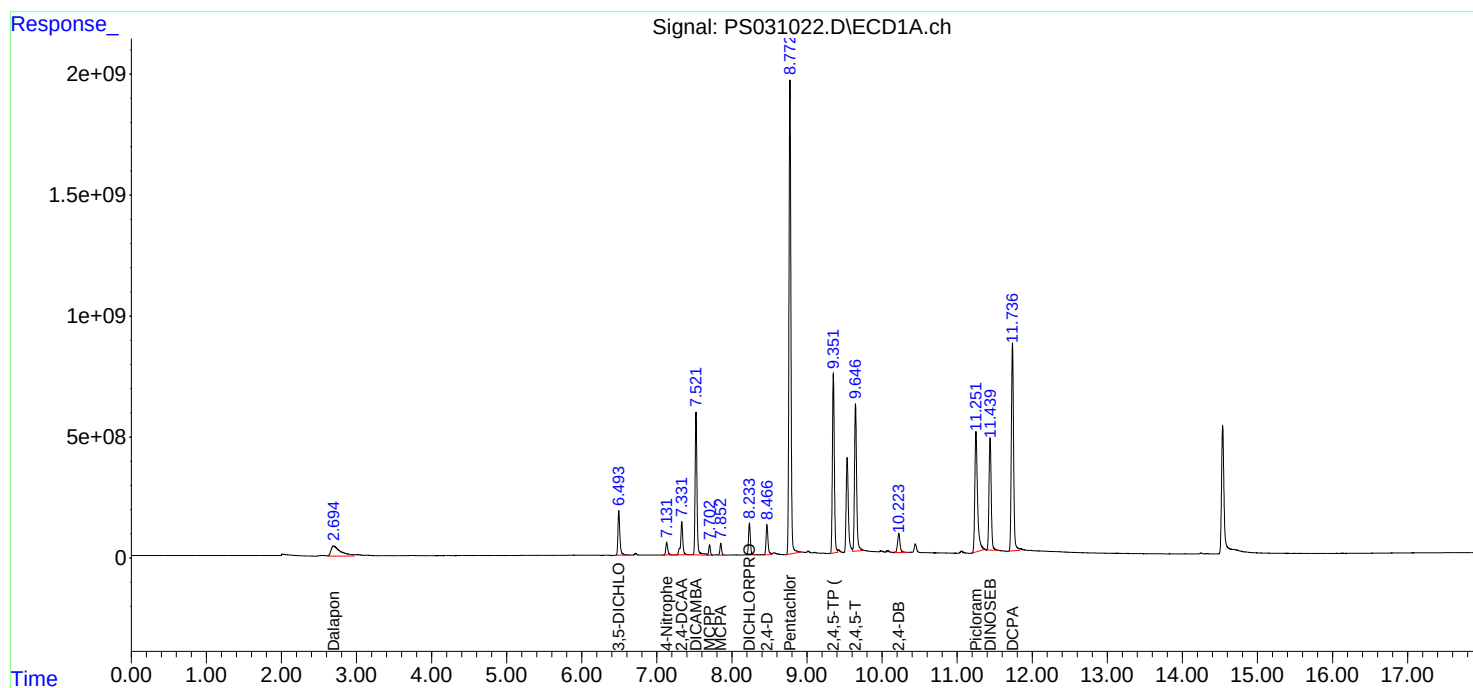
Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

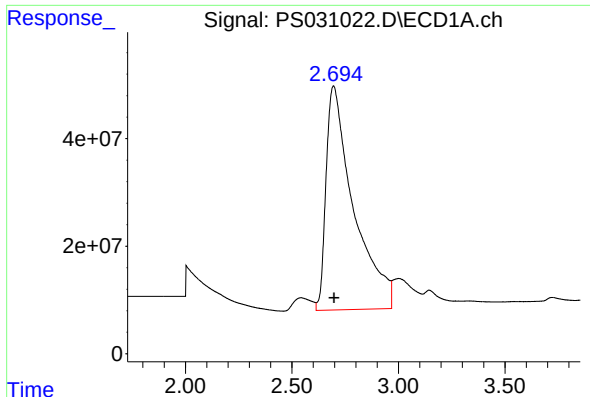
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 15 01:30:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS071125.M
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QLast Update : Mon Jul 14 05:51:06 2025
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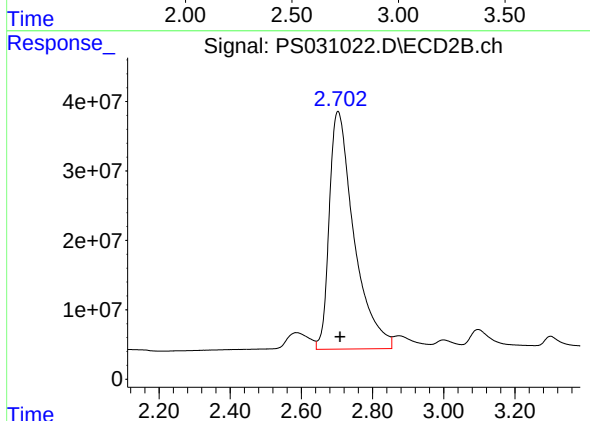
#1 Dalapon

R.T.: 2.695 min
Delta R.T.: -0.003 min
Response: 3735332953
Conc: 613.18 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

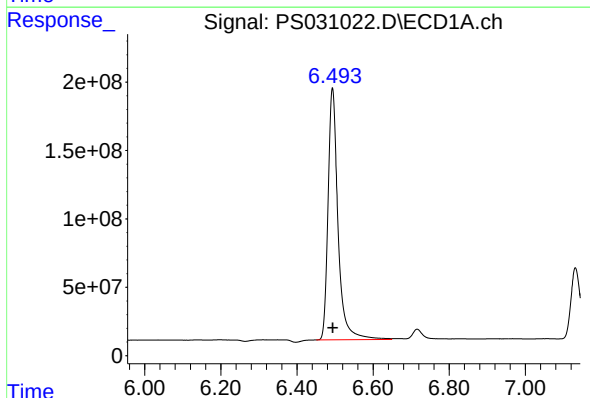
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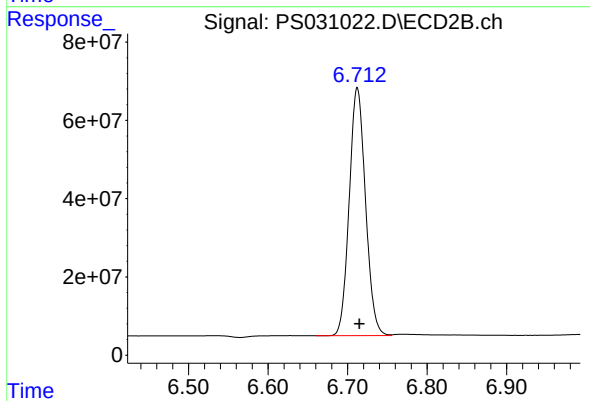
#1 Dalapon

R.T.: 2.703 min
Delta R.T.: -0.006 min
Response: 1651454255
Conc: 580.91 ng/ml



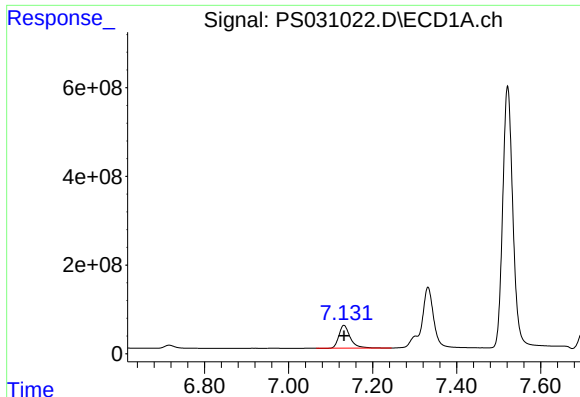
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.493 min
Delta R.T.: 0.000 min
Response: 3350360627
Conc: 639.55 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.712 min
Delta R.T.: -0.003 min
Response: 901398193
Conc: 581.42 ng/ml



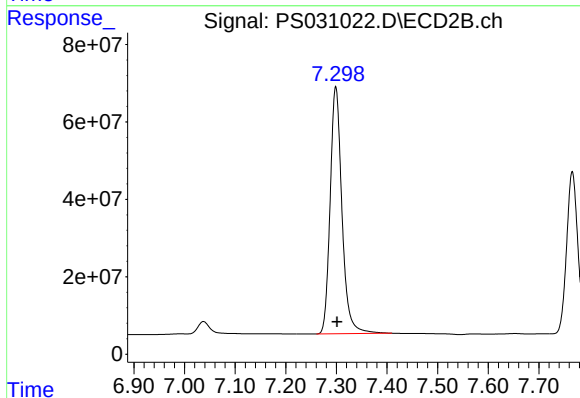
#3 4-Nitrophenol

R.T.: 7.132 min
Delta R.T.: 0.000 min
Response: 966626237
Conc: 716.02 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

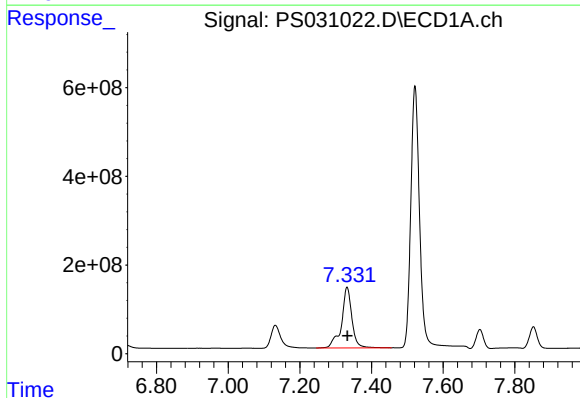
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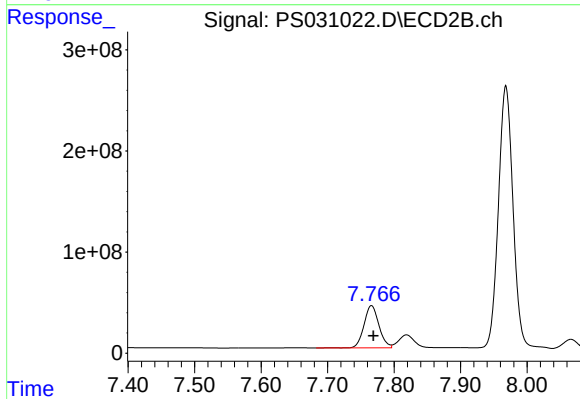
#3 4-Nitrophenol

R.T.: 7.299 min
Delta R.T.: -0.002 min
Response: 1034555125
Conc: 593.25 ng/ml



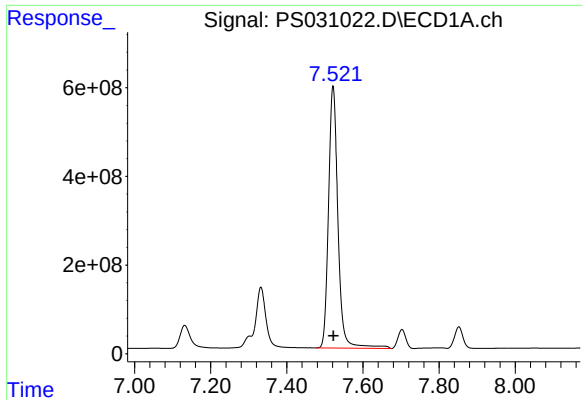
#4 2,4-DCAA

R.T.: 7.332 min
Delta R.T.: -0.001 min
Response: 2751445074
Conc: 695.67 ng/ml



#4 2,4-DCAA

R.T.: 7.766 min
Delta R.T.: -0.003 min
Response: 650244468
Conc: 627.63 ng/ml



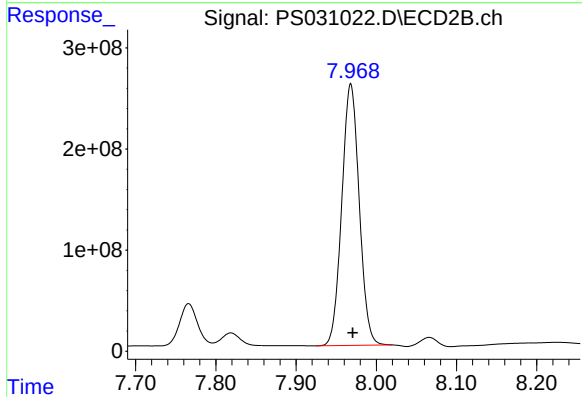
#5 DICAMBA

R.T.: 7.521 min
Delta R.T.: -0.001 min
Response: 10213394698
Conc: 650.91 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

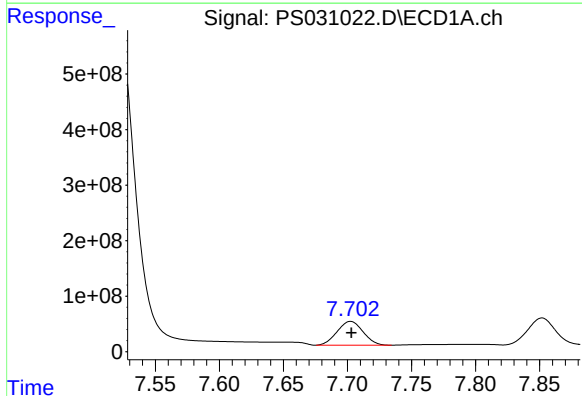
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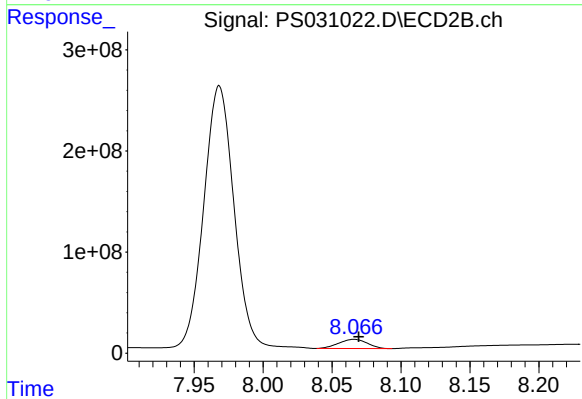
#5 DICAMBA

R.T.: 7.968 min
Delta R.T.: -0.002 min
Response: 3905350393
Conc: 603.01 ng/ml



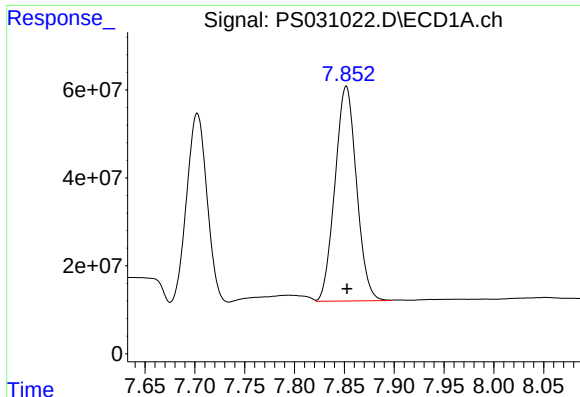
#6 MCP

R.T.: 7.702 min
Delta R.T.: 0.000 min
Response: 604955103
Conc: 65.75 ug/ml



#6 MCP

R.T.: 8.066 min
Delta R.T.: -0.003 min
Response: 132086284
Conc: 61.78 ug/ml



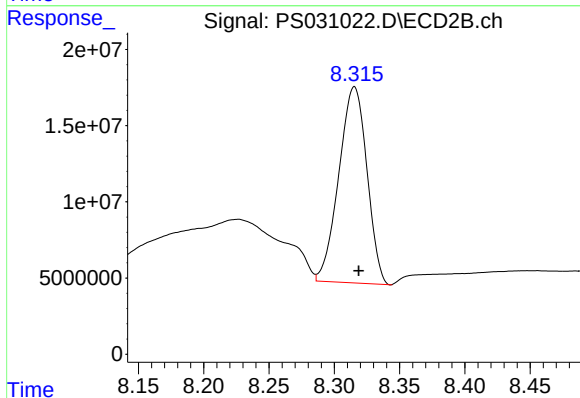
#7 MCPA

R.T.: 7.852 min
Delta R.T.: 0.000 min
Response: 734940064
Conc: 67.38 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

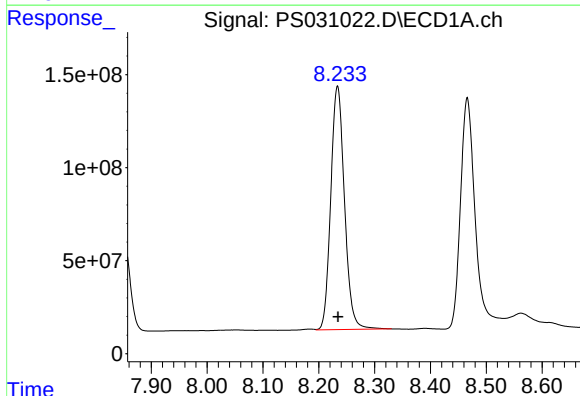
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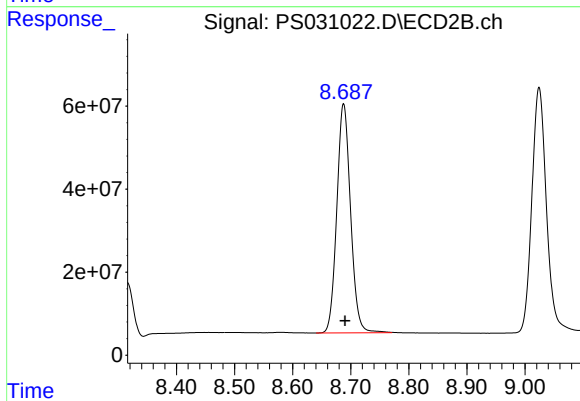
#7 MCPA

R.T.: 8.315 min
Delta R.T.: -0.004 min
Response: 192911816
Conc: 60.18 ug/ml



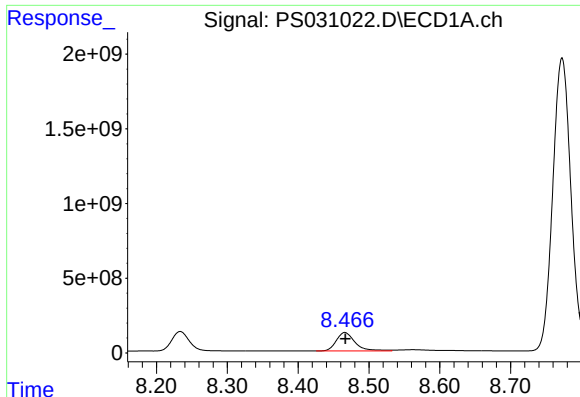
#8 DICHLORPROP

R.T.: 8.234 min
Delta R.T.: -0.001 min
Response: 2233080248
Conc: 655.79 ng/ml



#8 DICHLORPROP

R.T.: 8.688 min
Delta R.T.: -0.003 min
Response: 907366001
Conc: 597.24 ng/ml



#9 2,4-D

R.T.: 8.466 min
Delta R.T.: 0.000 min
Response: 2295625289
Conc: 745.71 ng/ml

Instrument :

ECD_S

ClientSampleId :

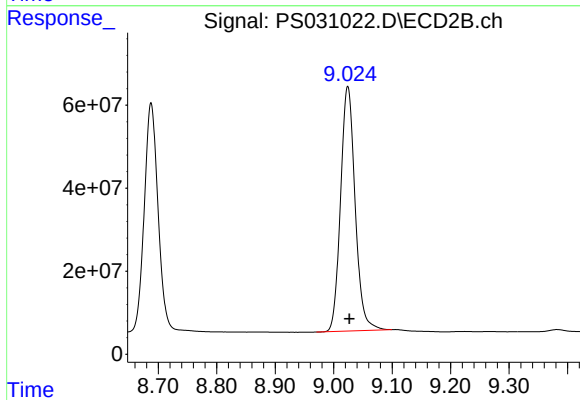
HSTDCCC750

Manual Integrations

APPROVED

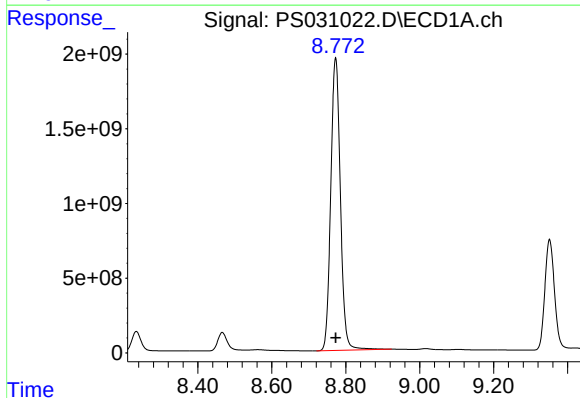
Reviewed By :Abdul Mirza 07/16/2025

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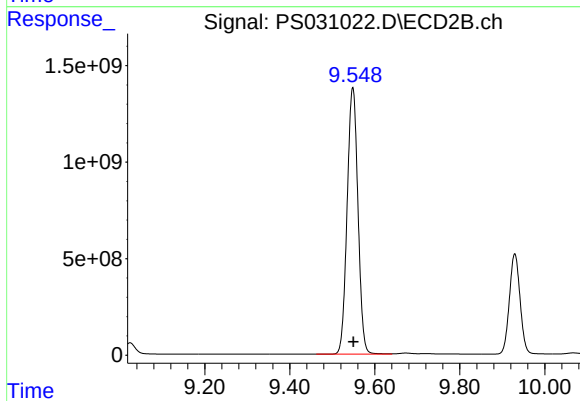
#9 2,4-D

R.T.: 9.024 min
Delta R.T.: -0.003 min
Response: 1019442496
Conc: 599.86 ng/ml



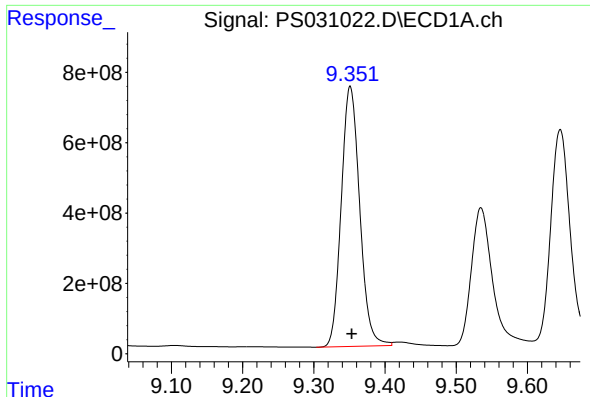
#10 Pentachlorophenol

R.T.: 8.773 min
Delta R.T.: 0.000 min
Response: 35362207777
Conc: 703.56 ng/ml



#10 Pentachlorophenol

R.T.: 9.548 min
Delta R.T.: -0.002 min
Response: 24395846713
Conc: 633.08 ng/ml



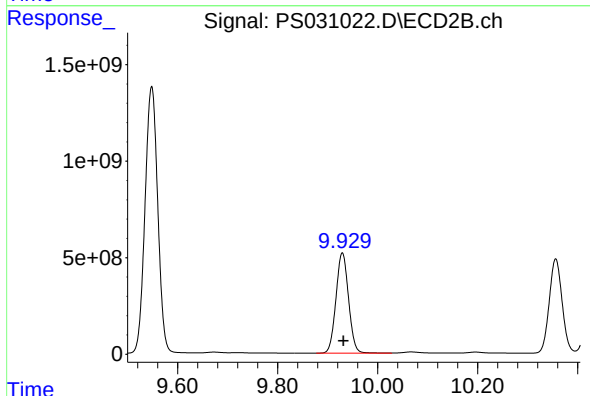
#11 2,4,5-TP (SILVEX)

R.T.: 9.351 min
Delta R.T.: -0.002 min
Response: 13316563217
Conc: 715.53 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

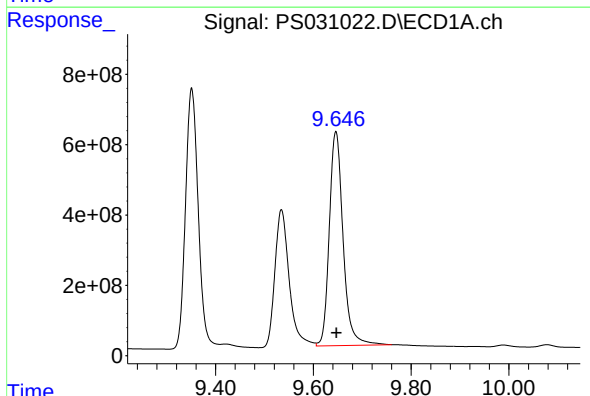
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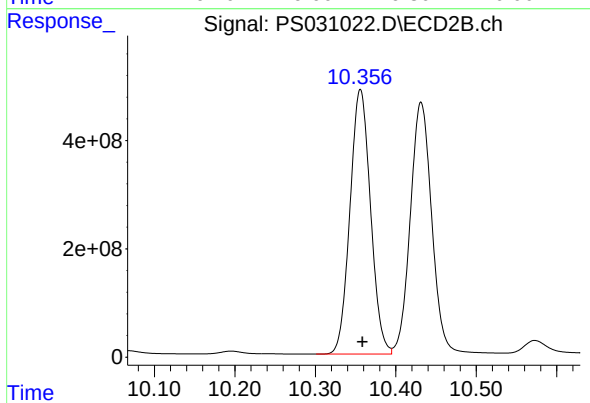
#11 2,4,5-TP (SILVEX)

R.T.: 9.929 min
Delta R.T.: -0.002 min
Response: 9073860524
Conc: 618.29 ng/ml



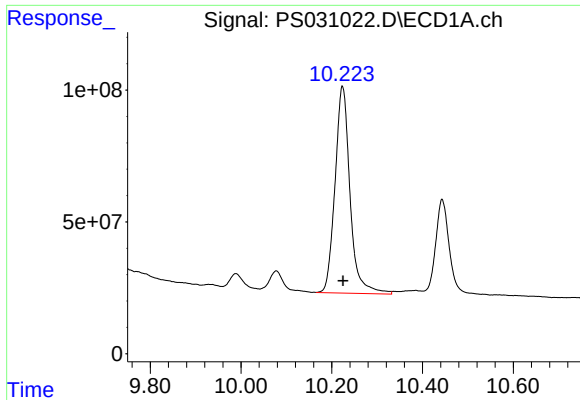
#12 2,4,5-T

R.T.: 9.646 min
Delta R.T.: 0.000 min
Response: 11912209396
Conc: 783.01 ng/ml



#12 2,4,5-T

R.T.: 10.356 min
Delta R.T.: -0.002 min
Response: 8679916173
Conc: 620.36 ng/ml



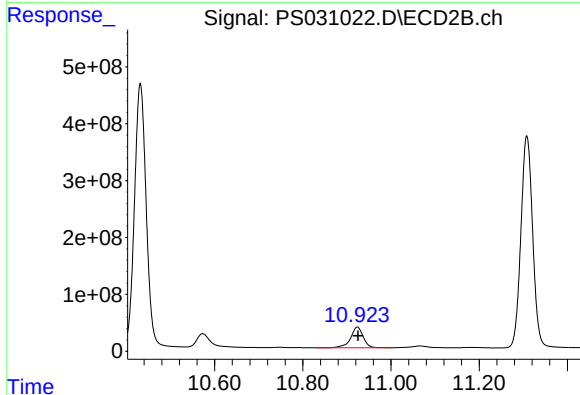
#13 2,4-DB

R.T.: 10.223 min
Delta R.T.: -0.001 min
Response: 1803408257
Conc: 830.76 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

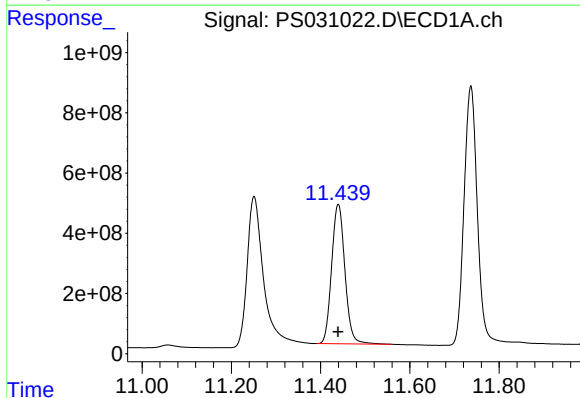
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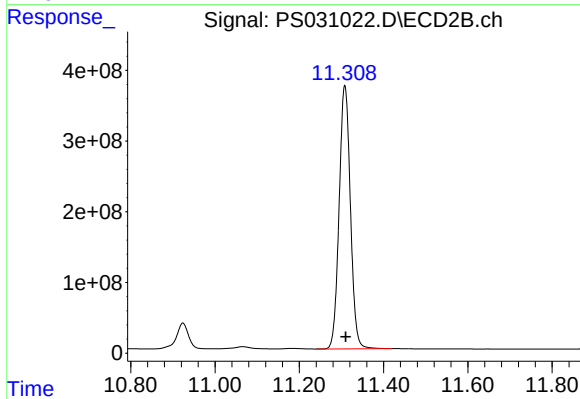
#13 2,4-DB

R.T.: 10.924 min
Delta R.T.: -0.002 min
Response: 721949724
Conc: 610.18 ng/ml



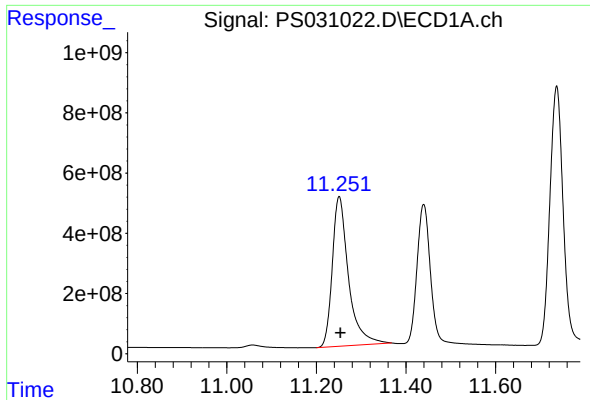
#14 DINOSEB

R.T.: 11.440 min
Delta R.T.: 0.000 min
Response: 9554328242
Conc: 724.70 ng/ml



#14 DINOSEB

R.T.: 11.308 min
Delta R.T.: -0.002 min
Response: 6902186225
Conc: 608.04 ng/ml



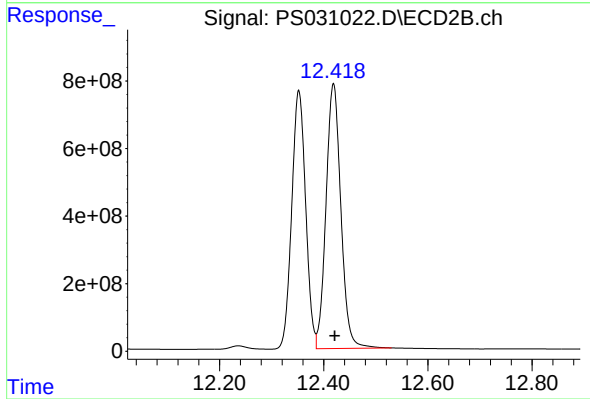
#15 Picloram

R.T.: 11.251 min
Delta R.T.: -0.003 min
Response: 12460115825
Conc: 855.08 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

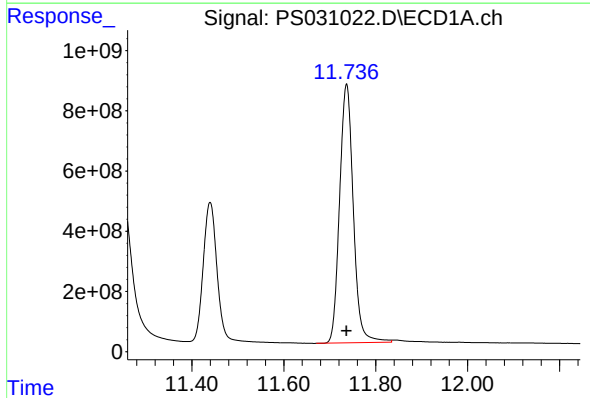
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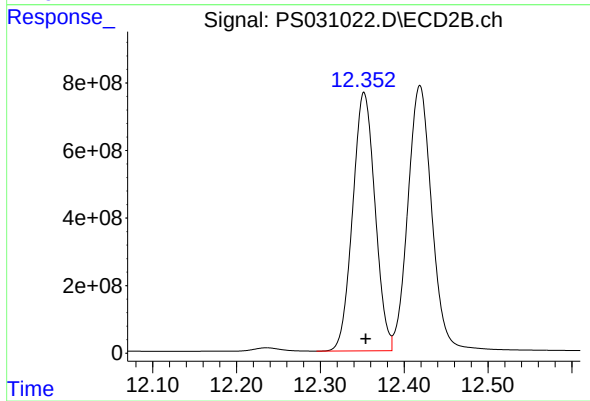
#15 Picloram

R.T.: 12.419 min
Delta R.T.: -0.003 min
Response: 15508235251
Conc: 660.47 ng/ml



#16 DCPA

R.T.: 11.737 min
Delta R.T.: 0.000 min
Response: 17794403481
Conc: 743.38 ng/ml



#16 DCPA

R.T.: 12.352 min
Delta R.T.: -0.002 min
Response: 14169989528
Conc: 628.33 ng/ml