

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS071525\
 Data File : PS031072.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Jul 2025 15:28
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/17/2025
 Supervised By :mohammad ahmed 07/18/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 16 15:44:47 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	7.329	7.767	2912.4E6	725.1E6	736.382	699.879
Target Compounds							
1) T	Dalapon	2.695	2.705	3767.7E6	1738.4E6	618.490	611.509
2) T	3,5-DICHL...	6.491	6.714	3795.6E6	992.7E6	724.553	640.331
3) T	4-Nitroph...	7.128	7.300	1223.1E6	1127.7E6	905.971	646.678 #
5) T	DICAMBA	7.518	7.969	9872.9E6	4271.1E6	629.209	659.492
6) T	MCPD	7.699	8.069	651.6E6	132.0E6	70.814	61.738
7) T	MCPA	7.849	8.317	863.6E6	216.6E6	79.183	67.574
8) T	DICHLORPROP	8.230	8.689	2872.8E6	1128.3E6	843.659	742.674
9) T	2,4-D	8.462	9.025	2791.1E6	1329.8E6	906.663m	782.501
10) T	Pentachlo...	8.765	9.549	39515.9E6	27391.5E6	786.205m	710.820
11) T	2,4,5-TP ...	9.347	9.930	15734.2E6	10414.4E6	845.435	709.631
12) T	2,4,5-T	9.641	10.357	13835.1E6	9360.1E6	909.409	668.970 #
13) T	2,4-DB	10.220	10.924	1685.2E6	790.1E6	776.295	667.752
14) T	DINOSEB	11.433	11.309	10692.9E6	7565.8E6	811.058	666.501
15) T	Picloram	11.244	12.420	15305.3E6	17090.3E6	1050.327	727.845 #
16) T	DCPA	11.730	12.353	19956.9E6	15389.9E6	833.722	682.418

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

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Acq On : 16 Jul 2025 15:28
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

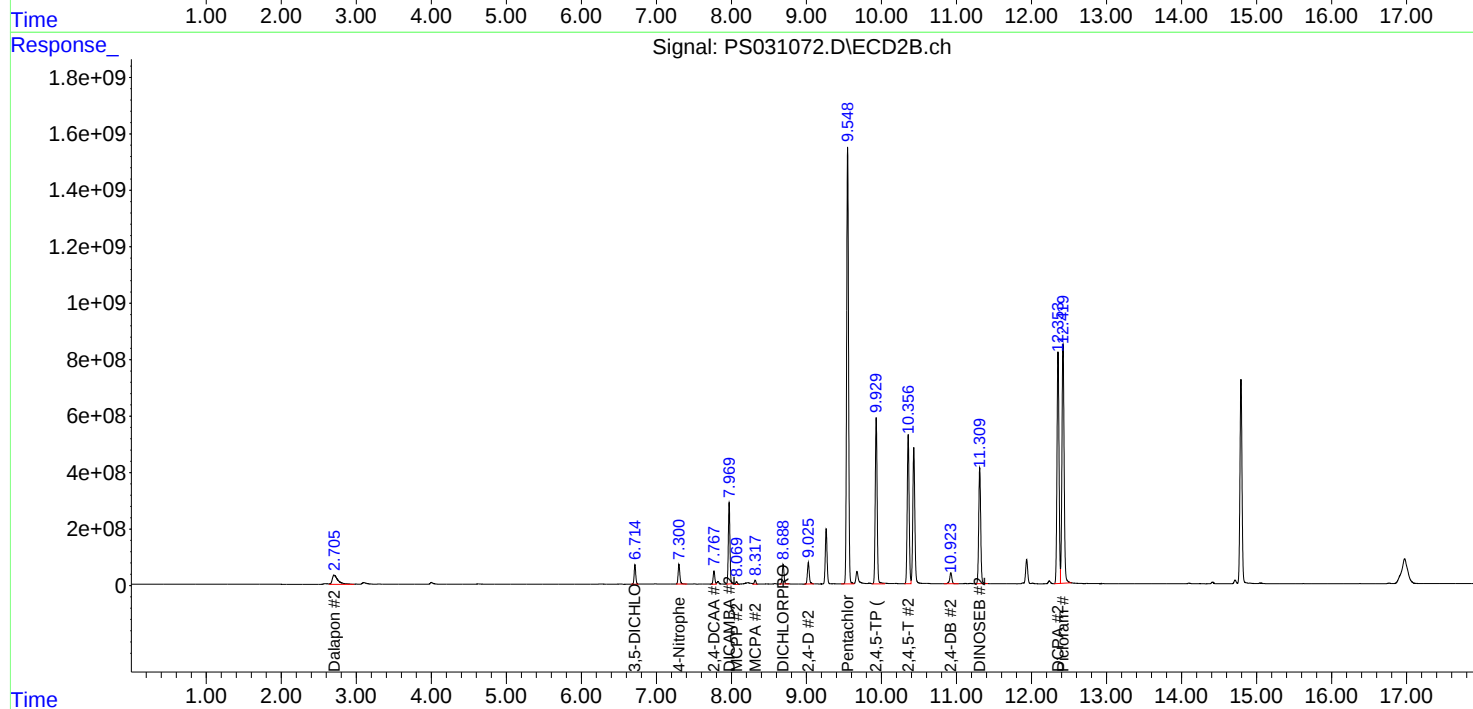
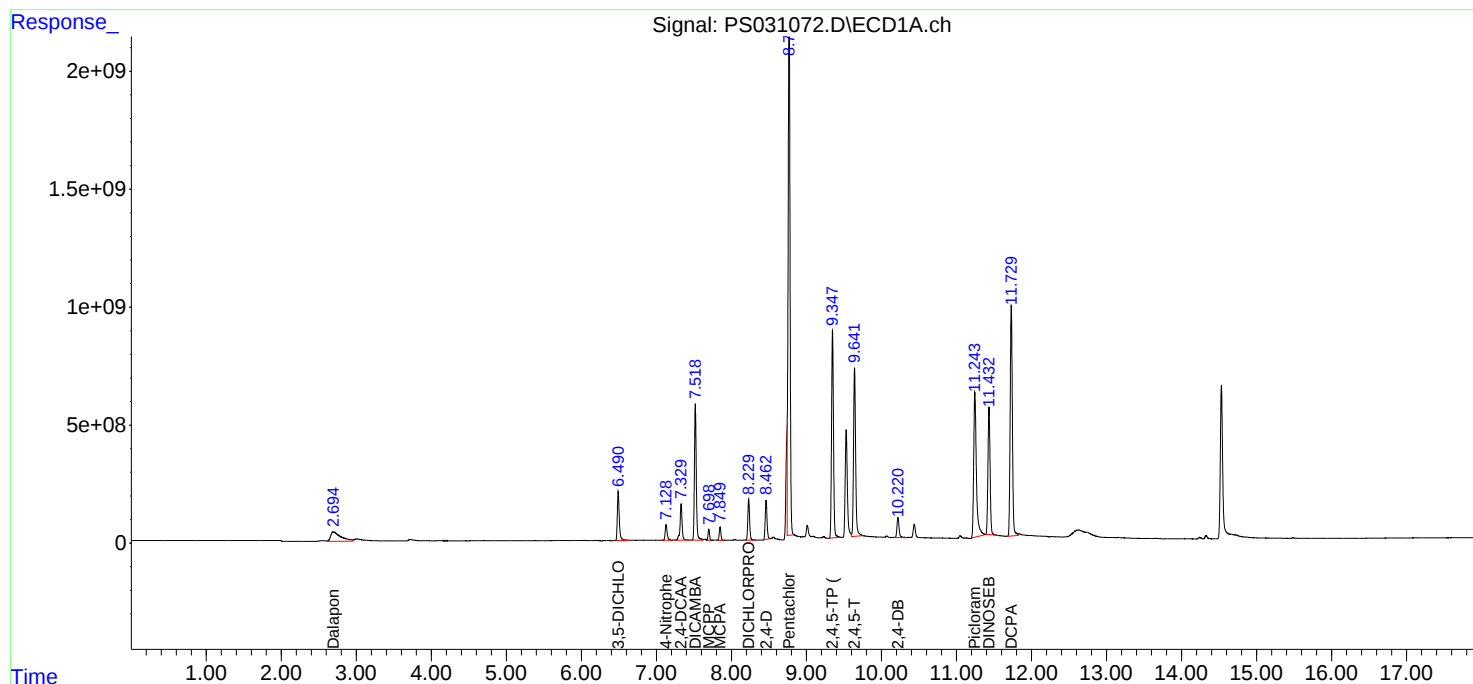
Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

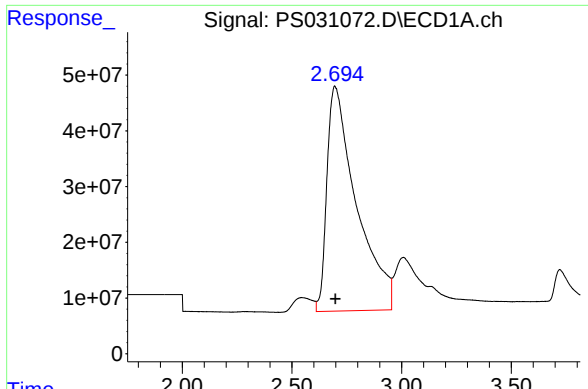
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS071125.M
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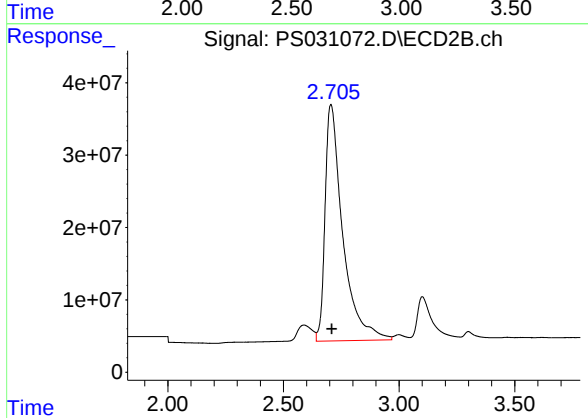
#1 Dalapon

R.T.: 2.695 min
Delta R.T.: -0.003 min
Response: 3767667873
Conc: 618.49 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

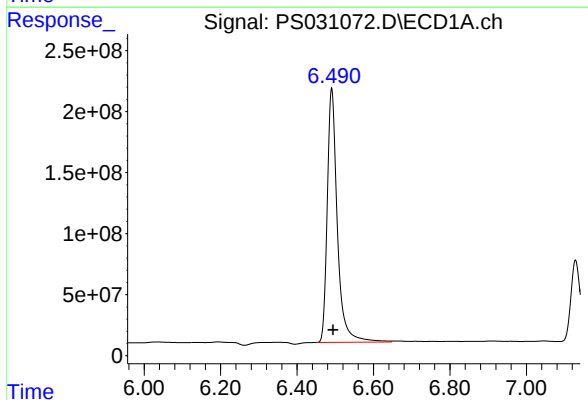
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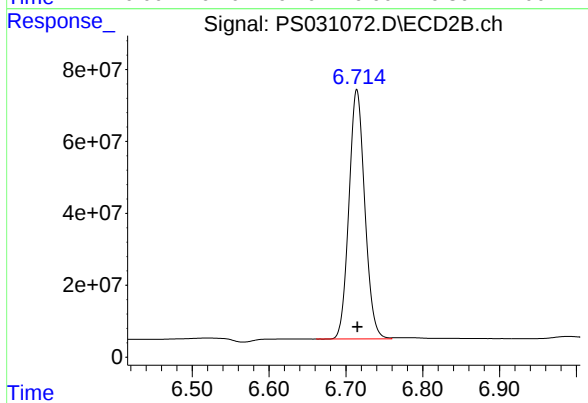
#1 Dalapon

R.T.: 2.705 min
Delta R.T.: -0.003 min
Response: 1738432387
Conc: 611.51 ng/ml



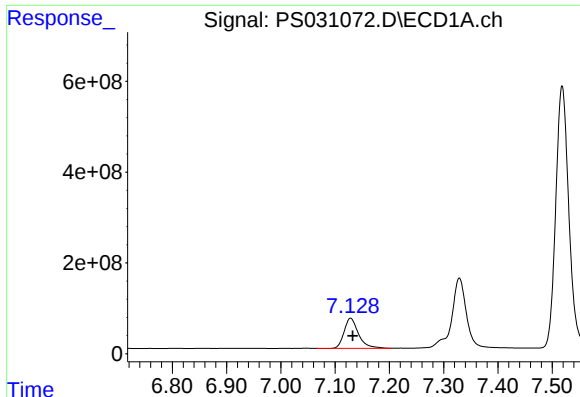
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.491 min
Delta R.T.: -0.003 min
Response: 3795643807
Conc: 724.55 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.714 min
Delta R.T.: 0.000 min
Response: 992729842
Conc: 640.33 ng/ml



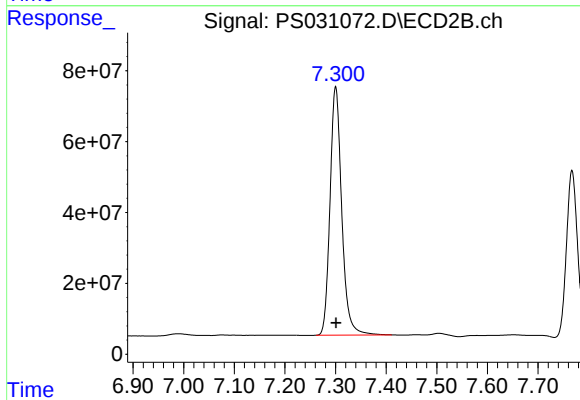
#3 4-Nitrophenol

R.T.: 7.128 min
Delta R.T.: -0.004 min
Response: 1223067734
Conc: 905.97 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

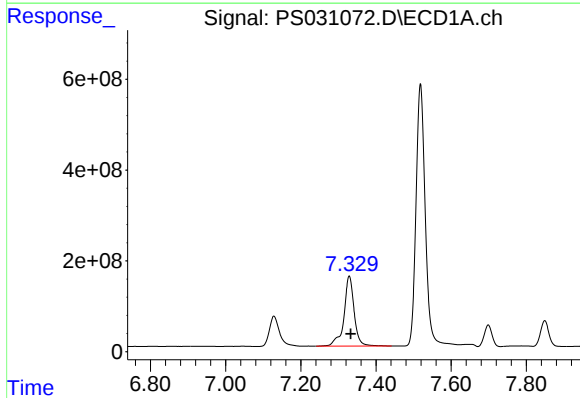
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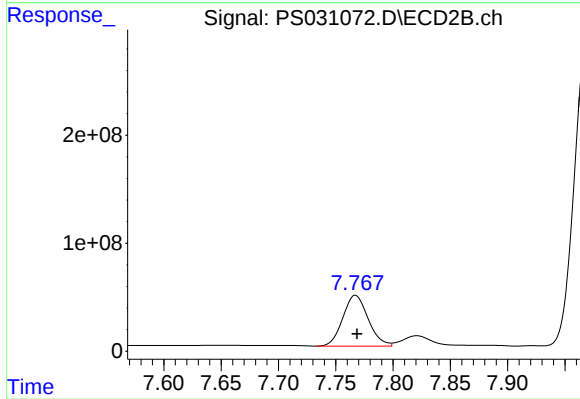
#3 4-Nitrophenol

R.T.: 7.300 min
Delta R.T.: -0.001 min
Response: 1127735442
Conc: 646.68 ng/ml



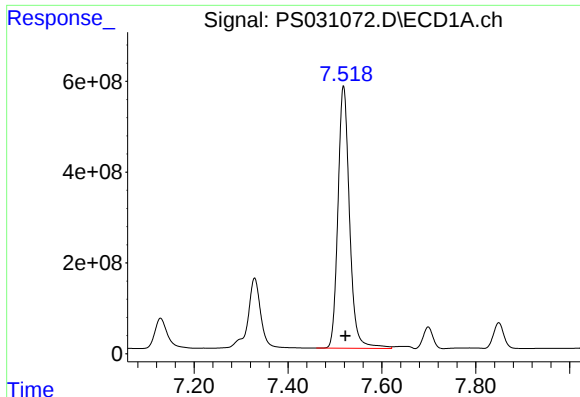
#4 2,4-DCAA

R.T.: 7.329 min
Delta R.T.: -0.004 min
Response: 2912445214
Conc: 736.38 ng/ml



#4 2,4-DCAA

R.T.: 7.767 min
Delta R.T.: -0.001 min
Response: 725097038
Conc: 699.88 ng/ml



#5 DICAMBA

R.T.: 7.518 min
Delta R.T.: -0.004 min
Response: 9872857680
Conc: 629.21 ng/ml

Instrument :

ECD_S

ClientSampleId :

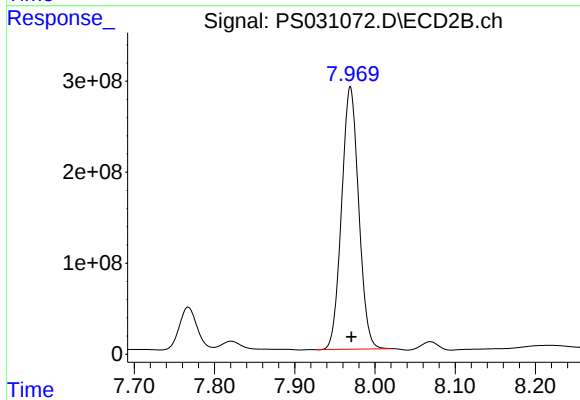
HSTDCCC750

Manual Integrations

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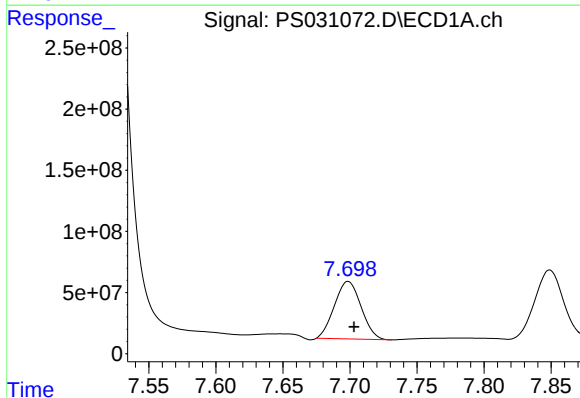
Reviewed By :Abdul Mirza 07/17/2025

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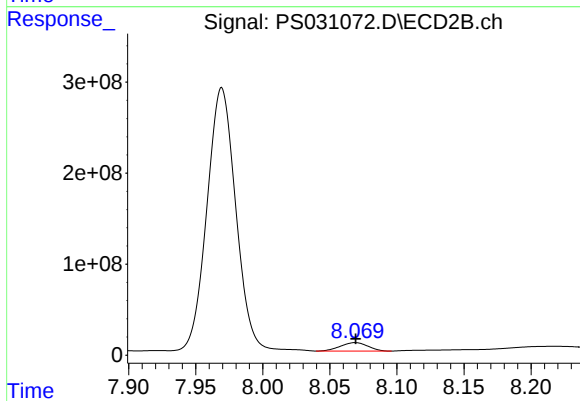
#5 DICAMBA

R.T.: 7.969 min
Delta R.T.: -0.001 min
Response: 4271147207
Conc: 659.49 ng/ml



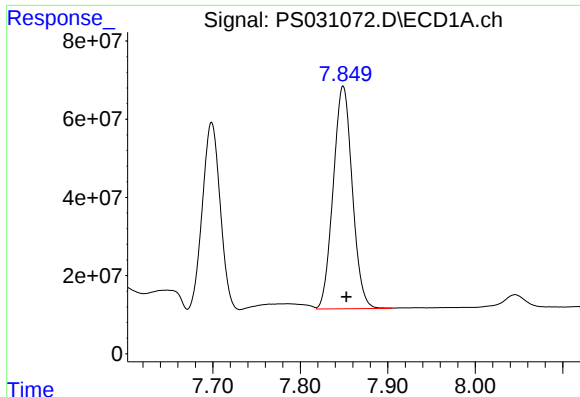
#6 MCP

R.T.: 7.699 min
Delta R.T.: -0.004 min
Response: 651577085
Conc: 70.81 ug/ml



#6 MCP

R.T.: 8.069 min
Delta R.T.: 0.000 min
Response: 131991799
Conc: 61.74 ug/ml



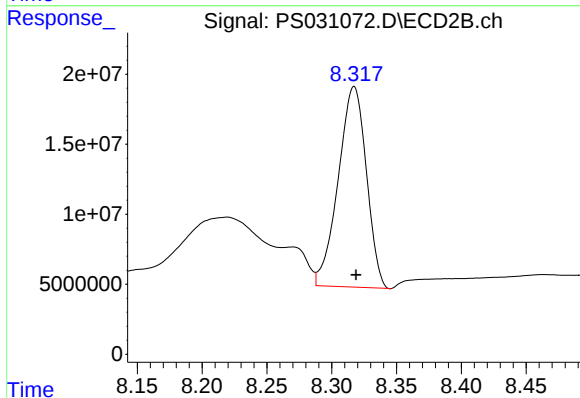
#7 MCPA

R.T.: 7.849 min
Delta R.T.: -0.004 min
Response: 863629902
Conc: 79.18 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

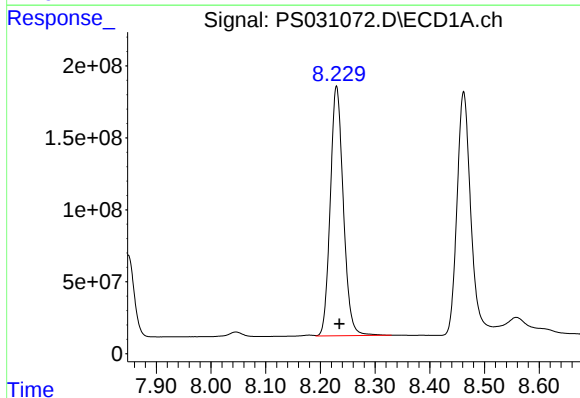
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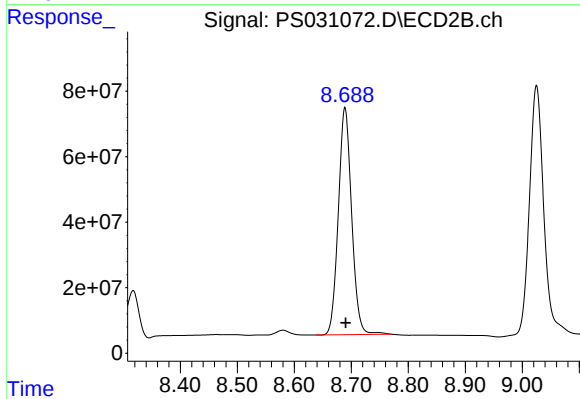
#7 MCPA

R.T.: 8.317 min
Delta R.T.: -0.002 min
Response: 216620686
Conc: 67.57 ug/ml



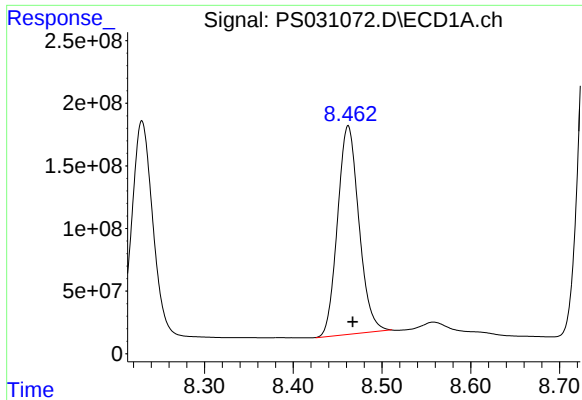
#8 DICHLORPROP

R.T.: 8.230 min
Delta R.T.: -0.005 min
Response: 2872789097
Conc: 843.66 ng/ml



#8 DICHLORPROP

R.T.: 8.689 min
Delta R.T.: -0.002 min
Response: 1128314740
Conc: 742.67 ng/ml



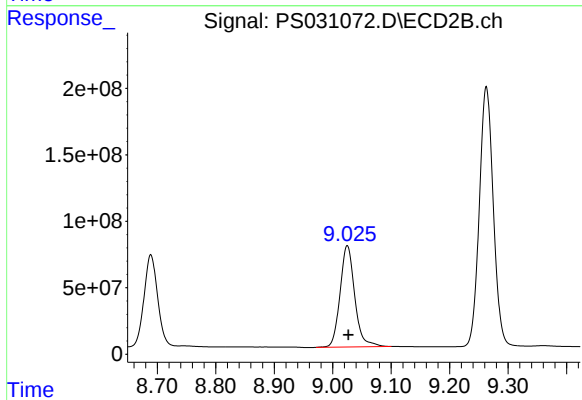
#9 2,4-D

R.T.: 8.462 min
Delta R.T.: -0.005 min
Response: 2791105194
Conc: 906.66 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

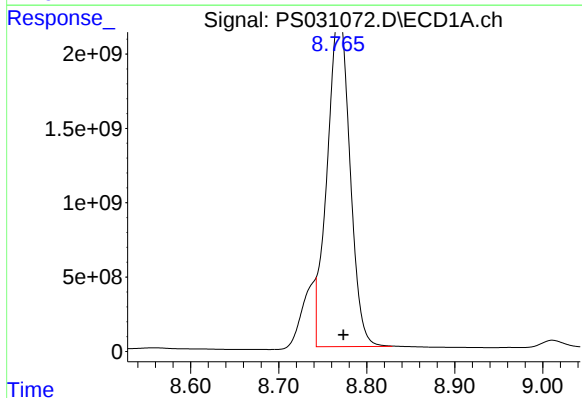
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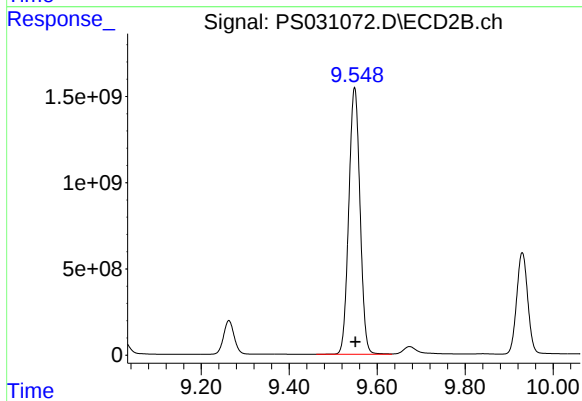
#9 2,4-D

R.T.: 9.025 min
Delta R.T.: -0.002 min
Response: 1329832656
Conc: 782.50 ng/ml



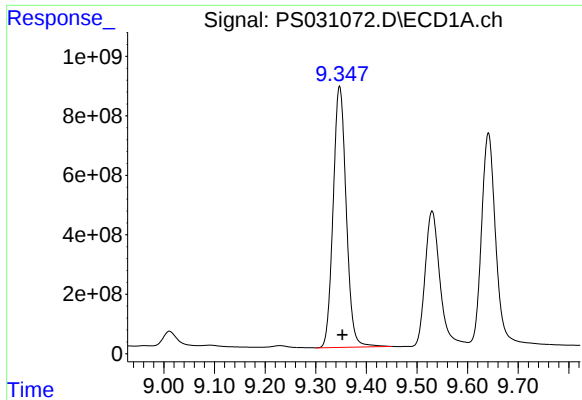
#10 Pentachlorophenol

R.T.: 8.765 min
Delta R.T.: -0.009 min
Response: 39515886354
Conc: 786.20 ng/ml m



#10 Pentachlorophenol

R.T.: 9.549 min
Delta R.T.: -0.002 min
Response: 27391487487
Conc: 710.82 ng/ml



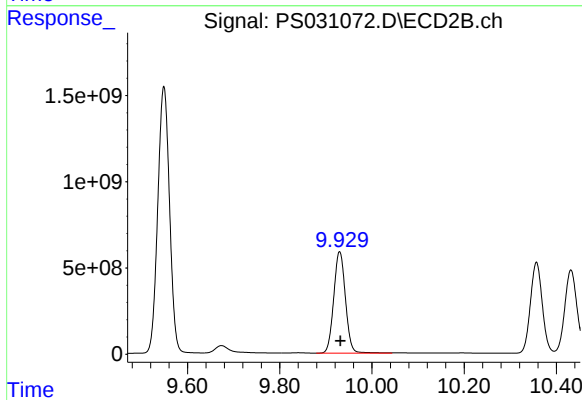
#11 2,4,5-TP (SILVEX)

R.T.: 9.347 min
Delta R.T.: -0.006 min
Response: 15734173686
Conc: 845.44 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

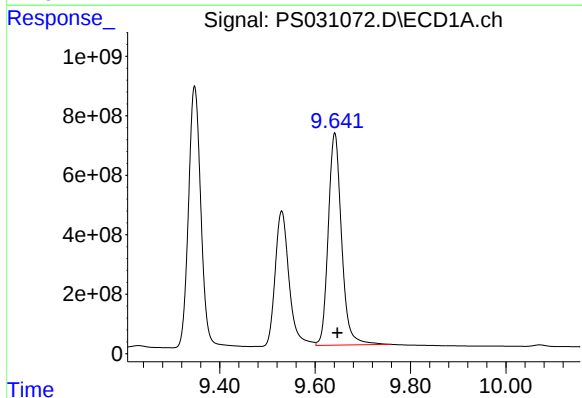
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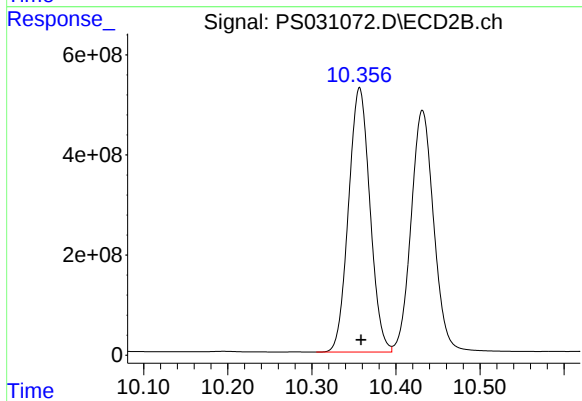
#11 2,4,5-TP (SILVEX)

R.T.: 9.930 min
Delta R.T.: -0.002 min
Response: 10414379593
Conc: 709.63 ng/ml



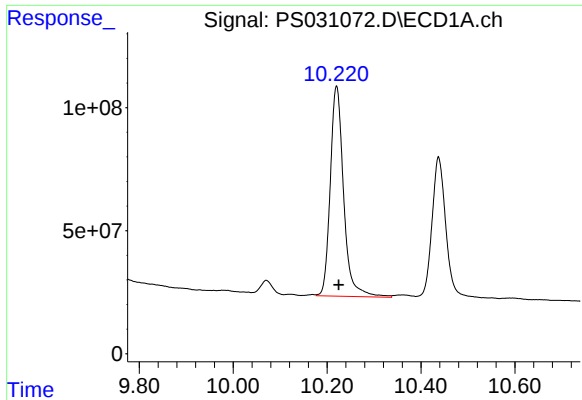
#12 2,4,5-T

R.T.: 9.641 min
Delta R.T.: -0.006 min
Response: 13835120301
Conc: 909.41 ng/ml



#12 2,4,5-T

R.T.: 10.357 min
Delta R.T.: -0.002 min
Response: 9360110985
Conc: 668.97 ng/ml



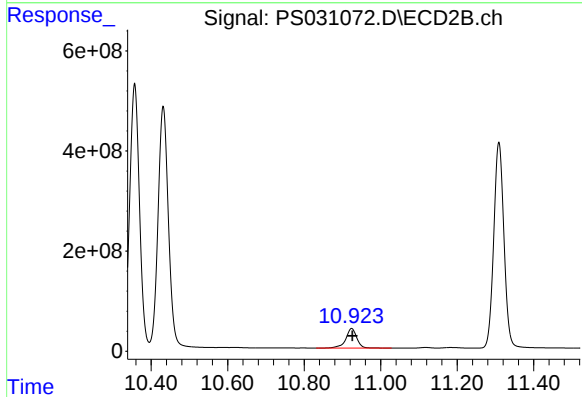
#13 2,4-DB

R.T.: 10.220 min
Delta R.T.: -0.005 min
Response: 1685173248
Conc: 776.30 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

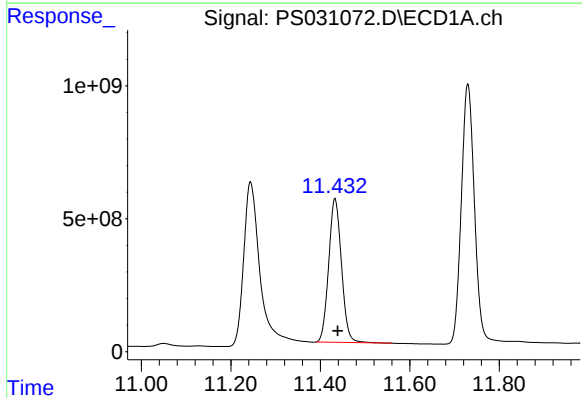
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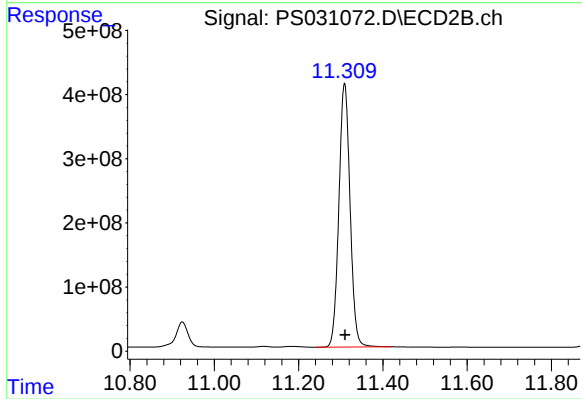
#13 2,4-DB

R.T.: 10.924 min
Delta R.T.: -0.002 min
Response: 790072563
Conc: 667.75 ng/ml



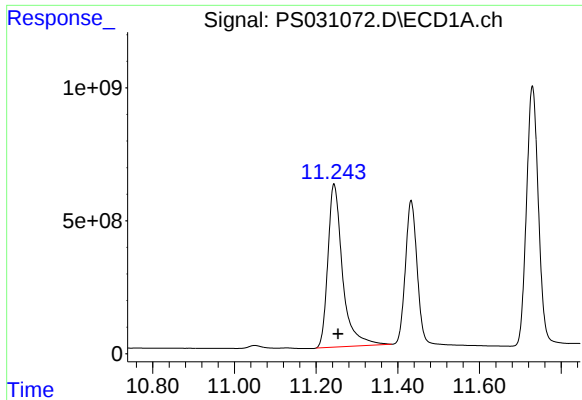
#14 DINOSEB

R.T.: 11.433 min
Delta R.T.: -0.007 min
Response: 10692907953
Conc: 811.06 ng/ml



#14 DINOSEB

R.T.: 11.309 min
Delta R.T.: -0.001 min
Response: 7565802624
Conc: 666.50 ng/ml



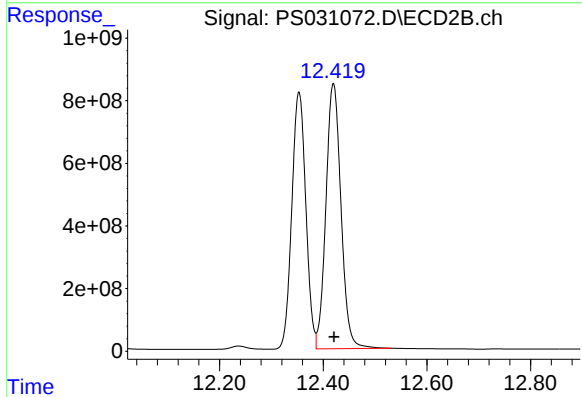
#15 Picloram

R.T.: 11.244 min
Delta R.T.: -0.010 min
Response: 15305314806
Conc: 1050.33 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

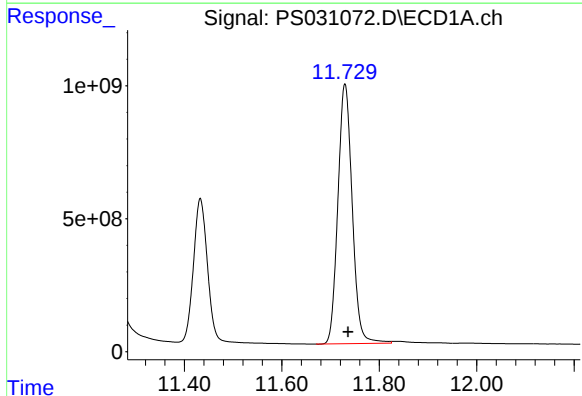
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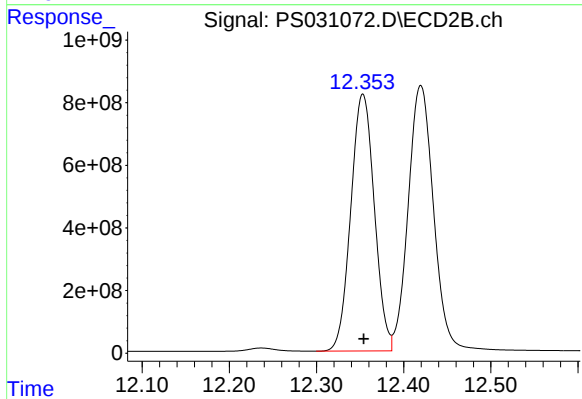
#15 Picloram

R.T.: 12.420 min
Delta R.T.: -0.002 min
Response: 17090274157
Conc: 727.84 ng/ml



#16 DCPA

R.T.: 11.730 min
Delta R.T.: -0.006 min
Response: 19956941461
Conc: 833.72 ng/ml



#16 DCPA

R.T.: 12.353 min
Delta R.T.: 0.000 min
Response: 15389873514
Conc: 682.42 ng/ml