

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS071725\
 Data File : PS031100.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Jul 2025 17:04
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/18/2025
 Supervised By :mohammad ahmed 07/19/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 17 22:58:40 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	7.768	2819.6E6	641.9E6	712.900	619.527
Target Compounds							
1) T	Dalapon	2.694	2.703	3623.5E6	1618.1E6	594.830	569.196
2) T	3,5-DICHL...	6.491	6.715	3406.4E6	883.0E6	650.249	569.542
3) T	4-Nitroph...	7.128	7.301	1094.9E6	1008.0E6	811.065	578.044 #
5) T	DICAMBA	7.518	7.971	10329.3E6	3843.8E6	658.299	593.506
6) T	MCPD	7.699	8.069	597.8E6	125.2E6	64.974	58.557
7) T	MCPA	7.849	8.318	764.4E6	189.1E6	70.084	58.990
8) T	DICHLORPROP	8.230	8.690	2307.9E6	884.2E6	677.756	581.992
9) T	2,4-D	8.462	9.027	2393.3E6	1007.0E6	777.449	592.540
10) T	Pentachlo...	8.769	9.550	36458.1E6	24044.0E6	725.367	623.952
11) T	2,4,5-TP ...	9.348	9.932	13791.3E6	8939.2E6	741.041	609.110
12) T	2,4,5-T	9.641	10.359	12463.4E6	8568.0E6	819.241m	612.357 #
13) T	2,4-DB	10.218	10.926	1960.1E6	704.2E6	902.955m	595.158 #
14) T	DINOSEB	11.434	11.311	9608.2E6	6661.0E6	728.781	586.792
15) T	Picloram	11.244	12.422	14223.8E6	15018.5E6	976.107	639.611 #
16) T	DCPA	11.731	12.355	18159.6E6	13818.7E6	758.636	612.747

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

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Acq On : 17 Jul 2025 17:04
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

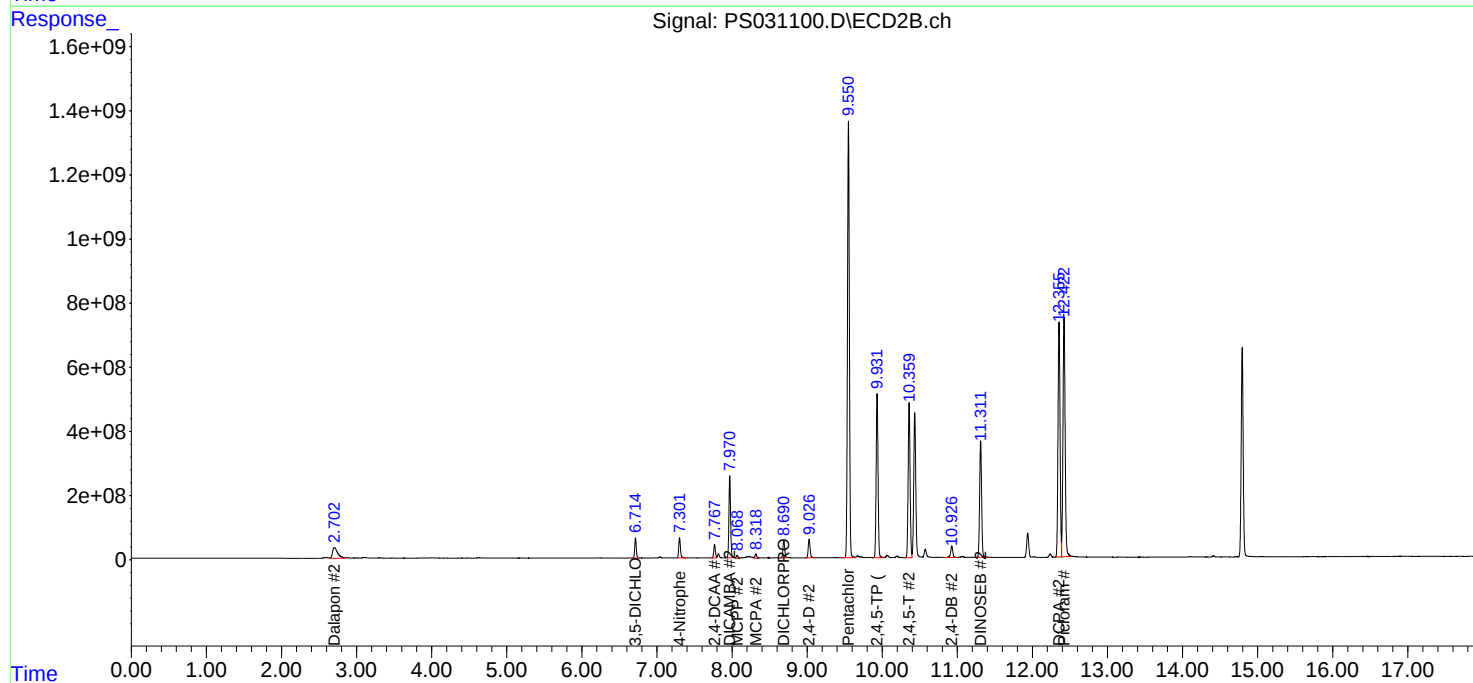
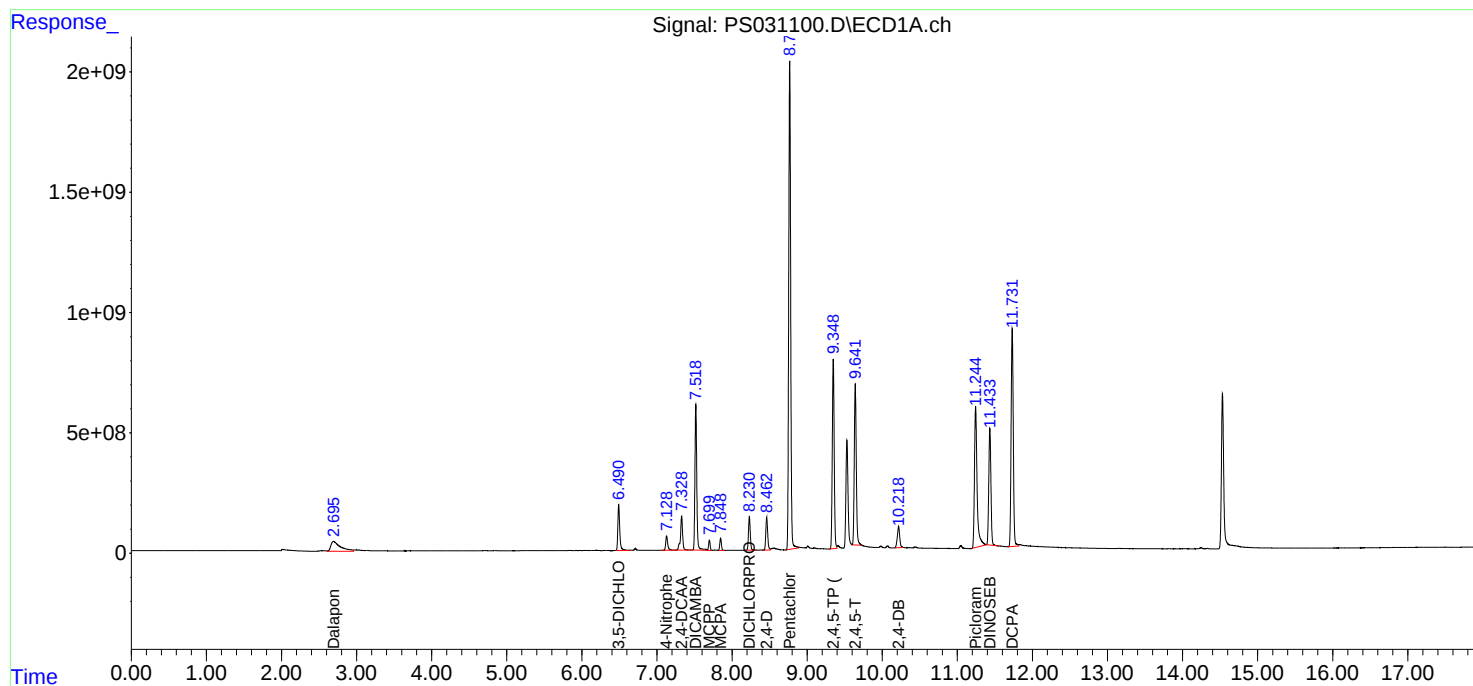
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ECD_S
ClientSampleId :
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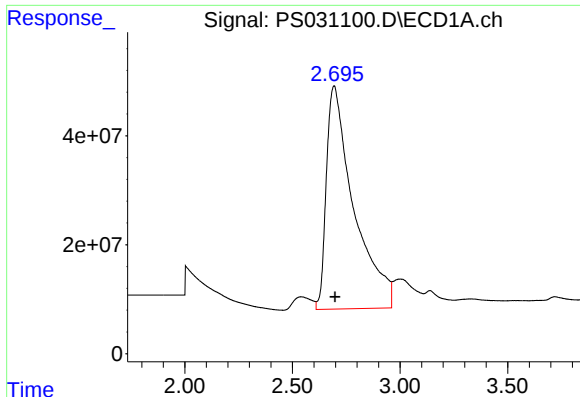
Manual Integrations
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 17 22:58:40 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS071125.M
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QLast Update : Mon Jul 14 05:51:06 2025
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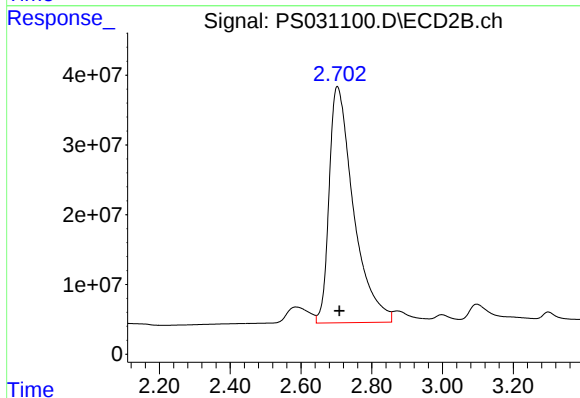
#1 Dalapon

R.T.: 2.694 min
Delta R.T.: -0.004 min
Response: 3623542420
Conc: 594.83 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

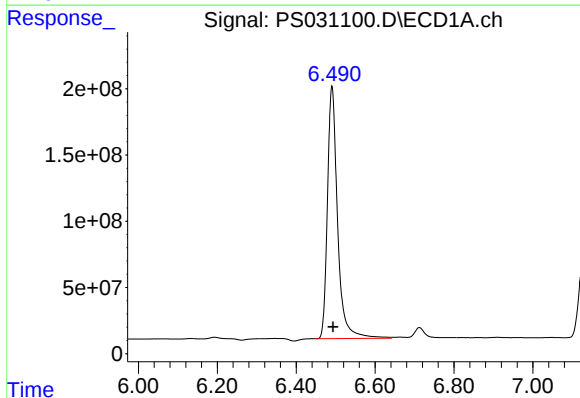
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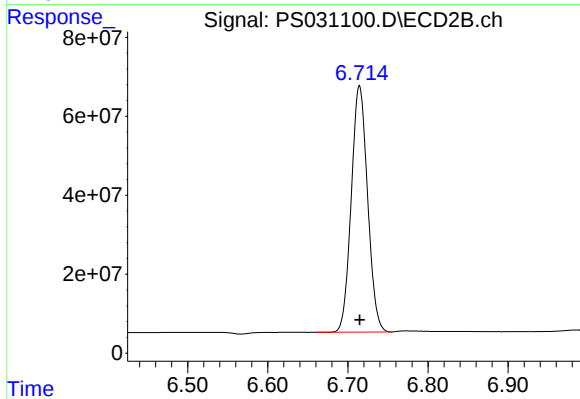
#1 Dalapon

R.T.: 2.703 min
Delta R.T.: -0.006 min
Response: 1618145234
Conc: 569.20 ng/ml



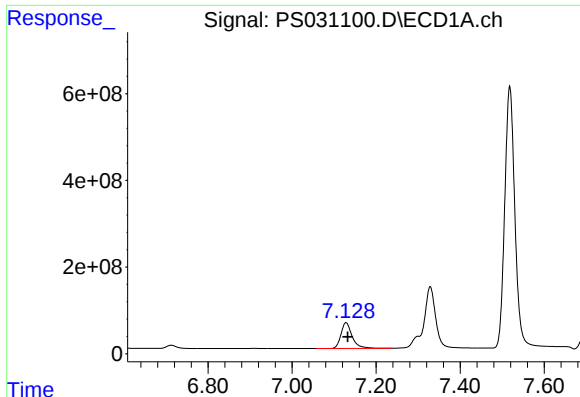
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.491 min
Delta R.T.: -0.003 min
Response: 3406394363
Conc: 650.25 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.715 min
Delta R.T.: 0.000 min
Response: 882982182
Conc: 569.54 ng/ml



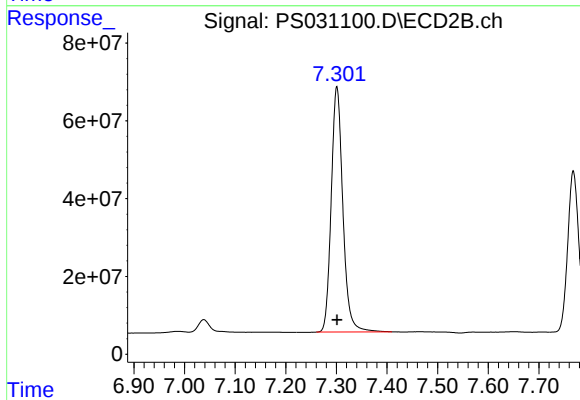
#3 4-Nitrophenol

R.T.: 7.128 min
Delta R.T.: -0.004 min
Response: 1094944593
Conc: 811.07 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

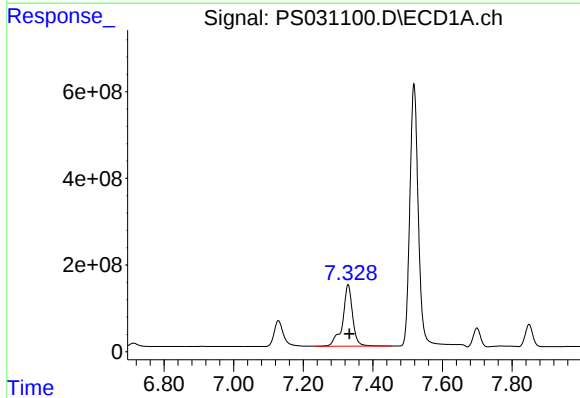
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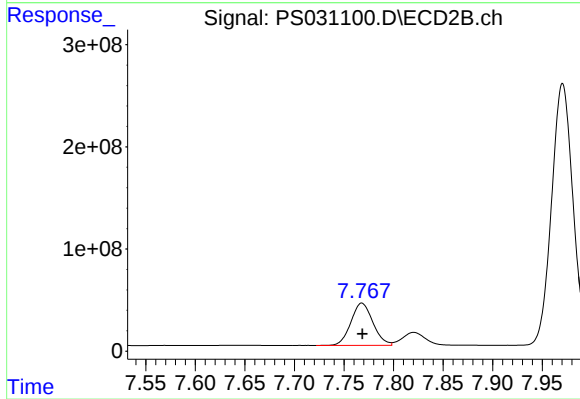
#3 4-Nitrophenol

R.T.: 7.301 min
Delta R.T.: 0.000 min
Response: 1008044439
Conc: 578.04 ng/ml



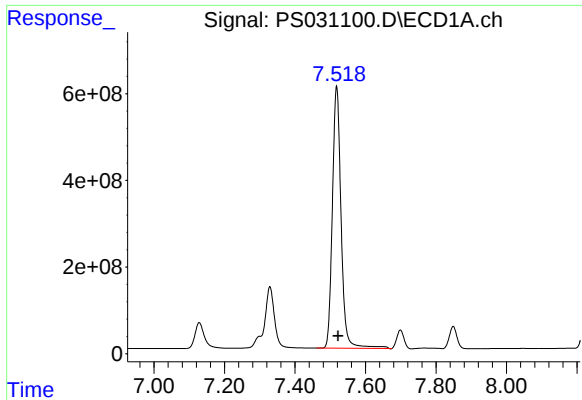
#4 2,4-DCAA

R.T.: 7.329 min
Delta R.T.: -0.004 min
Response: 2819573401
Conc: 712.90 ng/ml



#4 2,4-DCAA

R.T.: 7.768 min
Delta R.T.: 0.000 min
Response: 641850573
Conc: 619.53 ng/ml



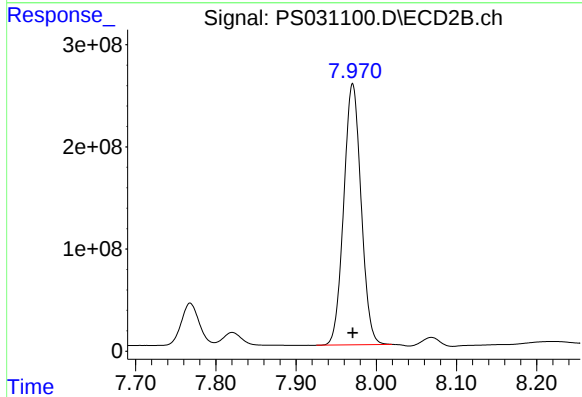
#5 DICAMBA

R.T.: 7.518 min
Delta R.T.: -0.004 min
Response: 10329314038
Conc: 658.30 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

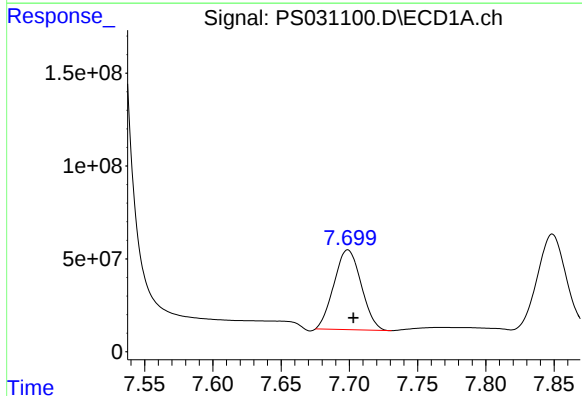
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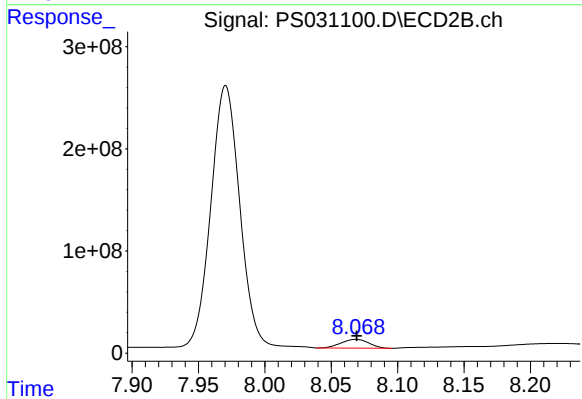
#5 DICAMBA

R.T.: 7.971 min
Delta R.T.: 0.000 min
Response: 3843794306
Conc: 593.51 ng/ml



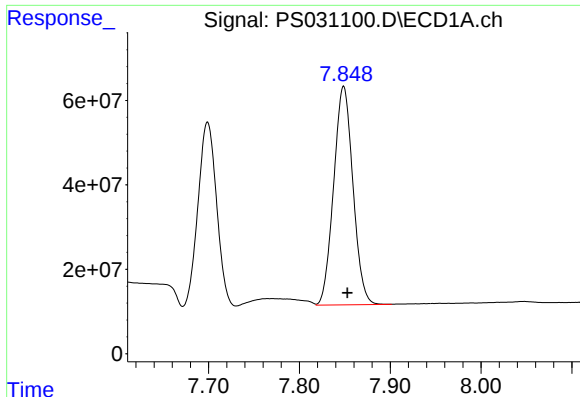
#6 MCP

R.T.: 7.699 min
Delta R.T.: -0.004 min
Response: 597840835
Conc: 64.97 ug/ml



#6 MCP

R.T.: 8.069 min
Delta R.T.: 0.000 min
Response: 125191108
Conc: 58.56 ug/ml



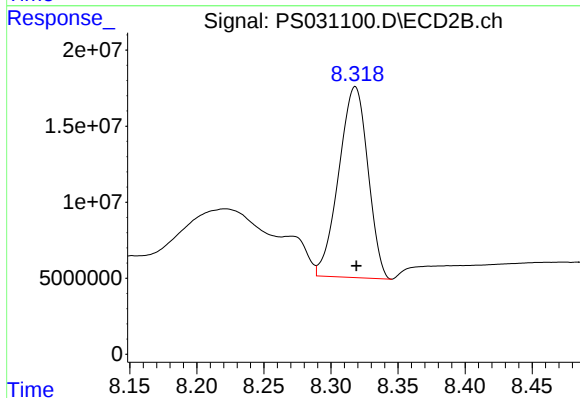
#7 MCPA

R.T.: 7.849 min
Delta R.T.: -0.004 min
Response: 764395973
Conc: 70.08 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

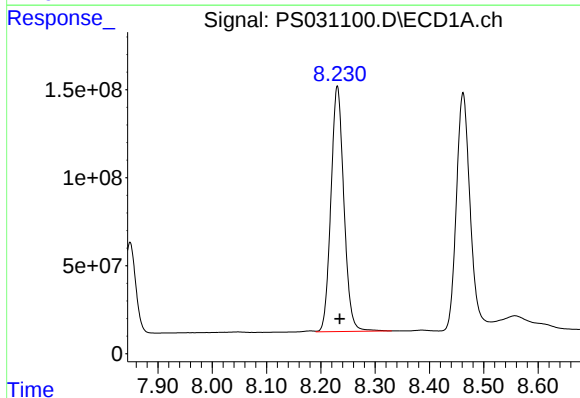
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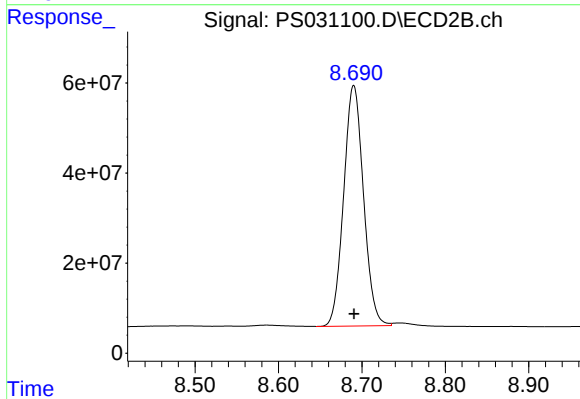
#7 MCPA

R.T.: 8.318 min
Delta R.T.: 0.000 min
Response: 189101501
Conc: 58.99 ug/ml



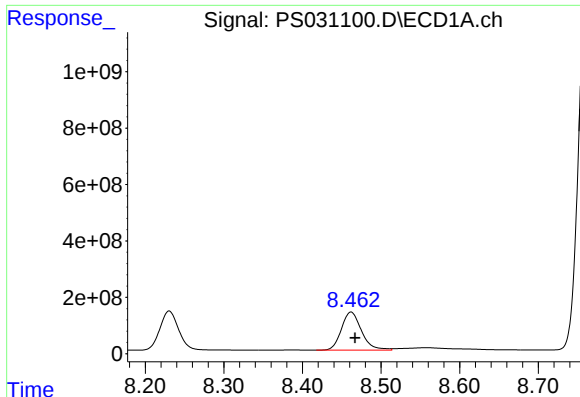
#8 DICHLORPROP

R.T.: 8.230 min
Delta R.T.: -0.004 min
Response: 2307865052
Conc: 677.76 ng/ml



#8 DICHLORPROP

R.T.: 8.690 min
Delta R.T.: 0.000 min
Response: 884197667
Conc: 581.99 ng/ml



#9 2,4-D

R.T.: 8.462 min
Delta R.T.: -0.005 min
Response: 2393327959
Conc: 777.45 ng/ml

Instrument :

ECD_S

ClientSampleId :

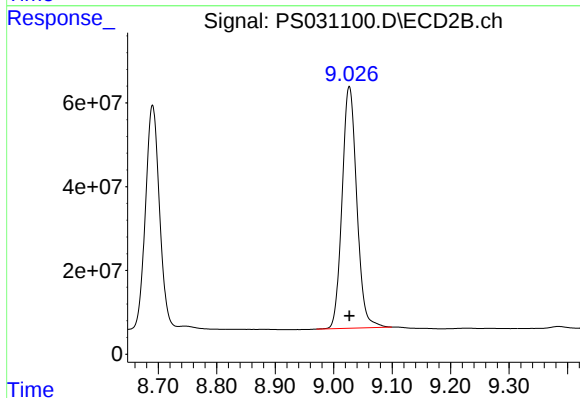
HSTDCCC750

Manual Integrations

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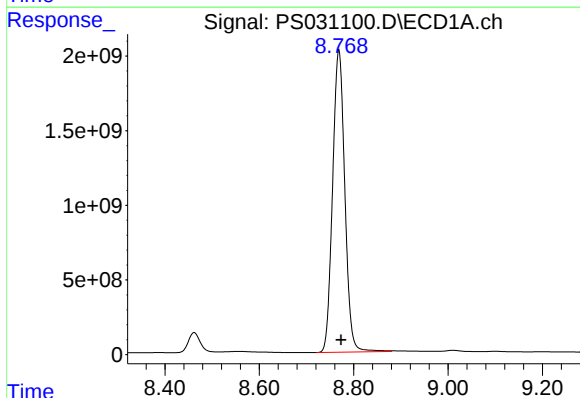
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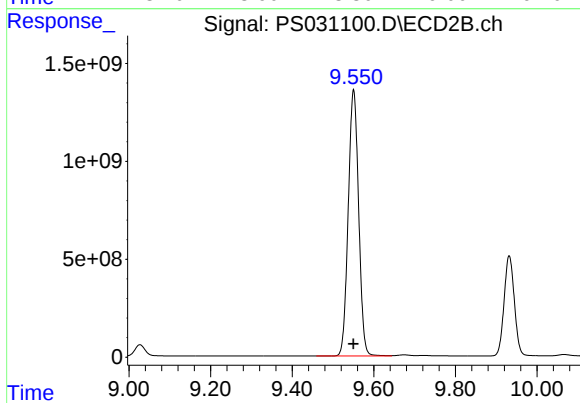
#9 2,4-D

R.T.: 9.027 min
Delta R.T.: 0.000 min
Response: 1007000146
Conc: 592.54 ng/ml



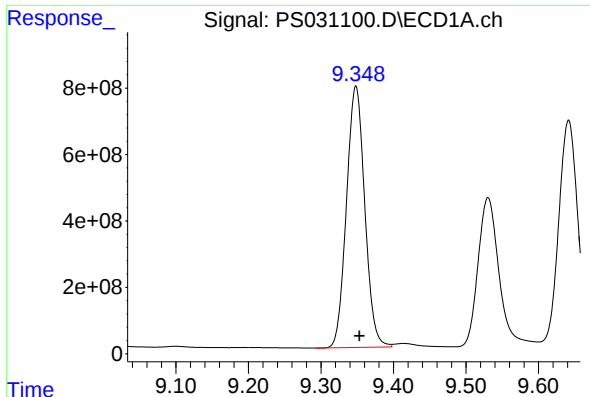
#10 Pentachlorophenol

R.T.: 8.769 min
Delta R.T.: -0.005 min
Response: 36458071708
Conc: 725.37 ng/ml



#10 Pentachlorophenol

R.T.: 9.550 min
Delta R.T.: 0.000 min
Response: 24044010809
Conc: 623.95 ng/ml



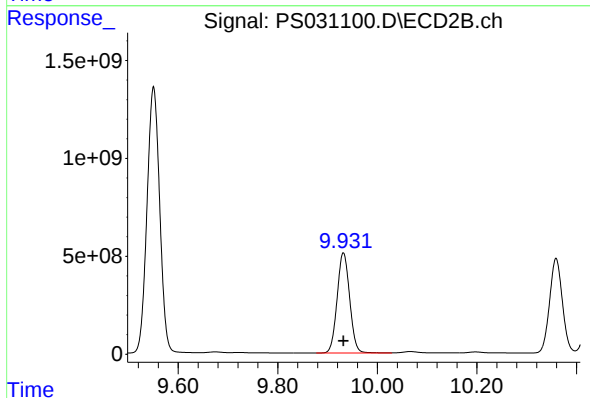
#11 2,4,5-TP (SILVEX)

R.T.: 9.348 min
Delta R.T.: -0.005 min
Response: 13791313195
Conc: 741.04 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

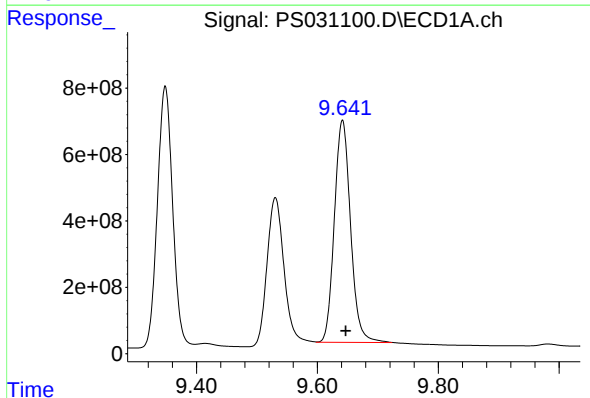
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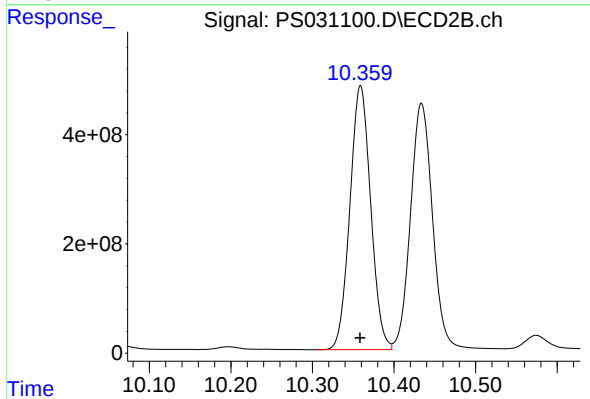
#11 2,4,5-TP (SILVEX)

R.T.: 9.932 min
Delta R.T.: 0.000 min
Response: 8939161888
Conc: 609.11 ng/ml



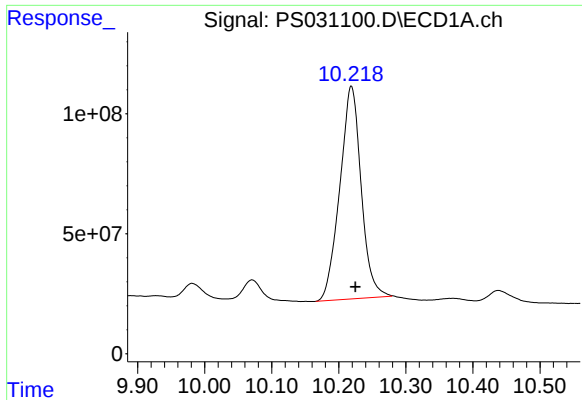
#12 2,4,5-T

R.T.: 9.641 min
Delta R.T.: -0.006 min
Response: 12463369539
Conc: 819.24 ng/ml m



#12 2,4,5-T

R.T.: 10.359 min
Delta R.T.: 0.000 min
Response: 8567980632
Conc: 612.36 ng/ml



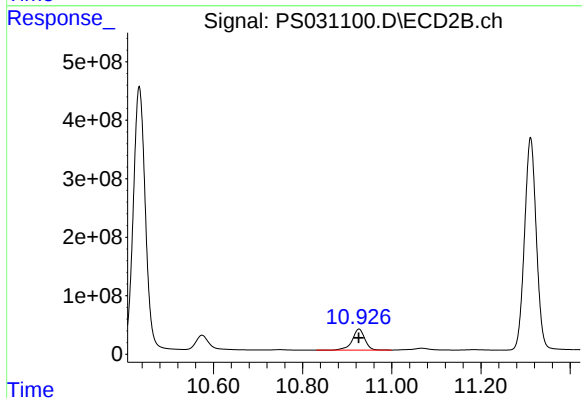
#13 2,4-DB

R.T.: 10.218 min
Delta R.T.: -0.007 min
Response: 1960125746
Conc: 902.96 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

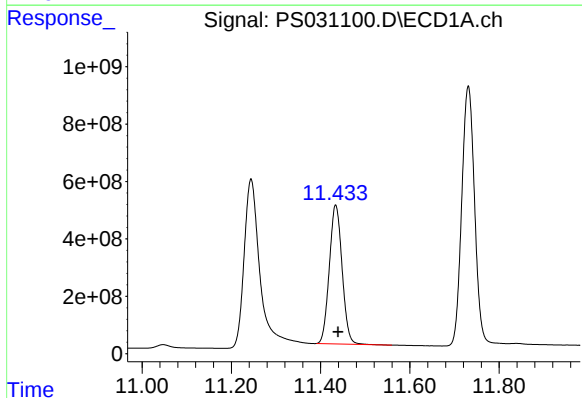
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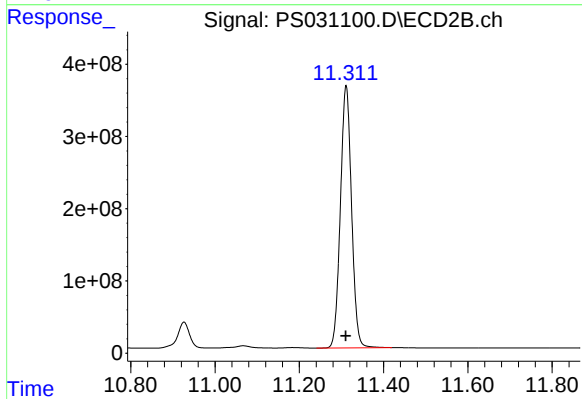
#13 2,4-DB

R.T.: 10.926 min
Delta R.T.: 0.000 min
Response: 704180162
Conc: 595.16 ng/ml



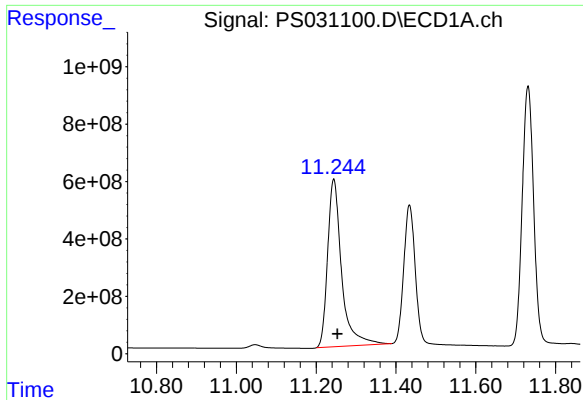
#14 DINOSEB

R.T.: 11.434 min
Delta R.T.: -0.005 min
Response: 9608179812
Conc: 728.78 ng/ml



#14 DINOSEB

R.T.: 11.311 min
Delta R.T.: 0.000 min
Response: 6660981278
Conc: 586.79 ng/ml



#15 Picloram

R.T.: 11.244 min
Delta R.T.: -0.010 min
Response: 14223784073
Conc: 976.11 ng/ml

Instrument :

ECD_S

ClientSampleId :

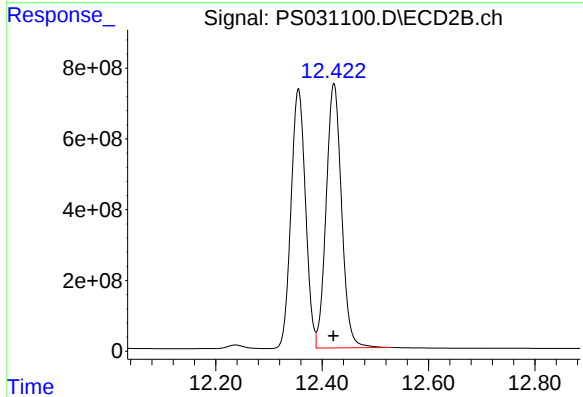
HSTDCCC750

Manual Integrations

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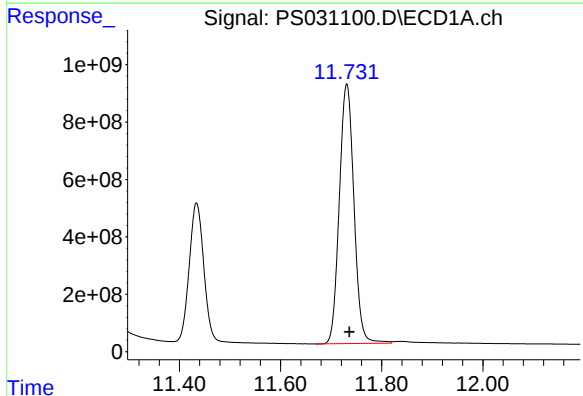
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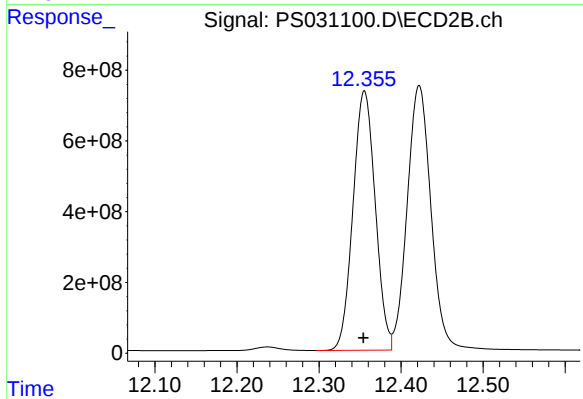
#15 Picloram

R.T.: 12.422 min
Delta R.T.: 0.000 min
Response: 15018495291
Conc: 639.61 ng/ml



#16 DCPA

R.T.: 11.731 min
Delta R.T.: -0.005 min
Response: 18159594382
Conc: 758.64 ng/ml



#16 DCPA

R.T.: 12.355 min
Delta R.T.: 0.001 min
Response: 13818667592
Conc: 612.75 ng/ml