

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS090225\
 Data File : PS031584.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Sep 2025 13:07
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 09/03/2025
 Supervised By : mohammad ahmed 09/04/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 03 02:41:51 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS080725.M
 Quant Title : 8080.M
 QLast Update : Fri Aug 08 03:17:54 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	7.287	7.740	2644.3E6	641.6E6	833.114	758.994
Target Compounds							
1) T	Dalapon	2.668	2.688	3511.0E6	1700.1E6	668.889	638.886
2) T	3,5-DICHL...	6.453	6.692	3444.6E6	902.4E6	730.056	667.476
3) T	4-Nitroph...	7.095	7.290	749.2E6	841.0E6	726.198	669.079m
5) T	DICAMBA	7.470	7.936	10574.7E6	4108.6E6	757.149	723.000
6) T	MCPD	7.648	8.033	535.7E6	136.3E6	66.585	77.101m
7) T	MCPA	7.798	8.280	721.0E6	177.6E6	72.382	63.293
8) T	DICHLORPROP	8.178	8.656	2370.4E6	1081.5E6	747.174	810.116
9) T	2,4-D	8.415	8.997	2130.2E6	995.4E6	740.472	697.380m
10) T	Pentachlo...	8.710	9.506	39628.0E6	26947.3E6	825.370	773.715
11) T	2,4,5-TP ...	9.287	9.891	14530.2E6	9699.9E6	810.667	739.546
12) T	2,4,5-T	9.585	10.320	12229.5E6	8314.2E6	834.708	702.229
13) T	2,4-DB	10.160	10.889	1202.0E6	682.8E6	625.458	707.693m
14) T	DINOSEB	11.358	11.264	10096.1E6	7017.8E6	796.318	742.079
15) T	Picloram	11.189	12.388	8922.5E6	10185.3E6	683.500m	581.032m
16) T	DCPA	11.656	12.304	18862.8E6	15791.1E6	828.065m	801.565m

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

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Acq On : 02 Sep 2025 13:07
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

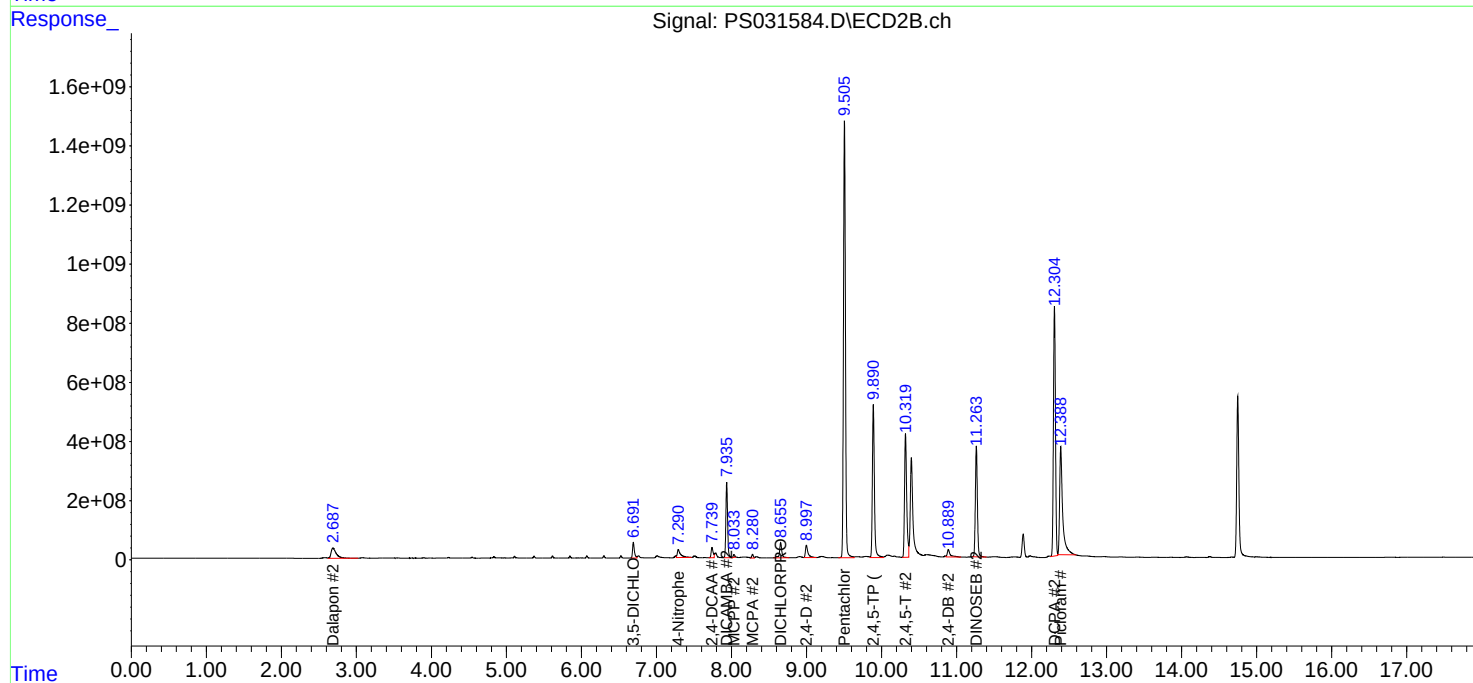
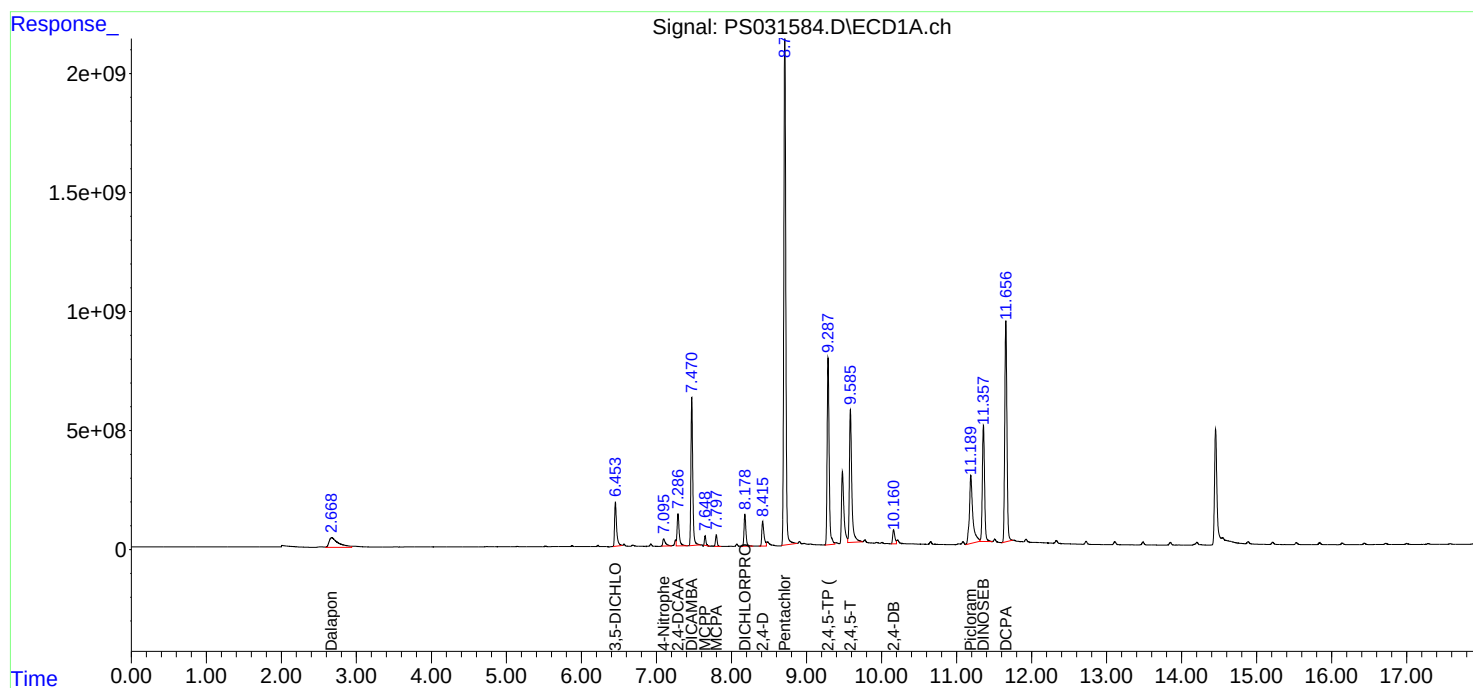
Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

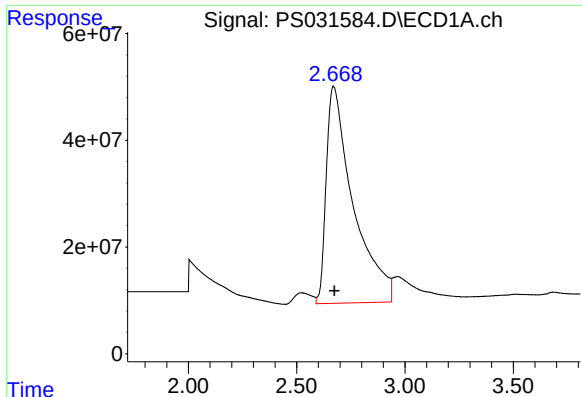
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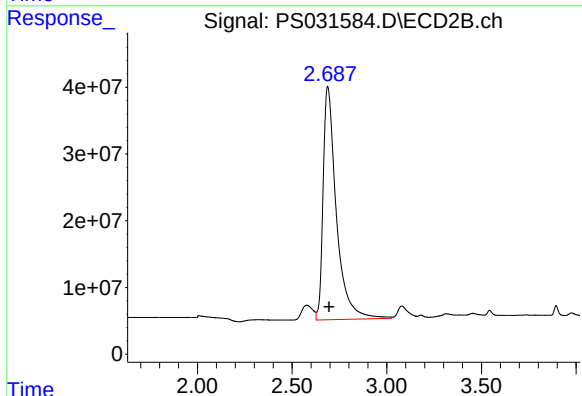
#1 Dalapon

R.T.: 2.668 min
Delta R.T.: -0.006 min
Response: 3510954525
Conc: 668.89 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

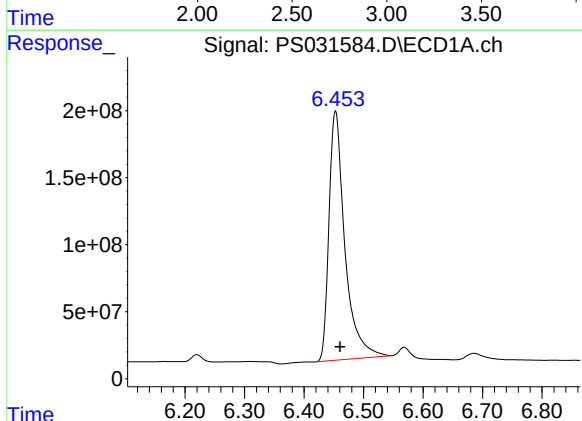
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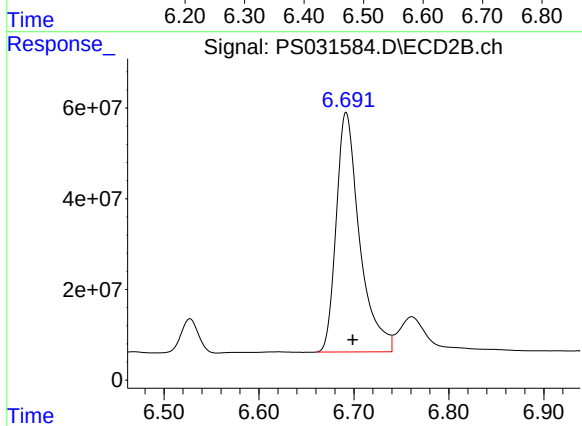
#1 Dalapon

R.T.: 2.688 min
Delta R.T.: -0.007 min
Response: 1700083948
Conc: 638.89 ng/ml



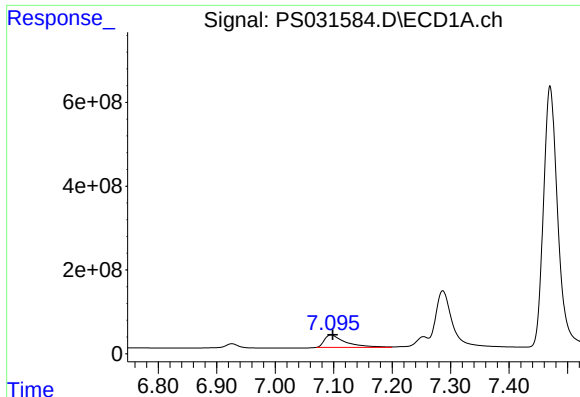
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.453 min
Delta R.T.: -0.008 min
Response: 3444631667
Conc: 730.06 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.692 min
Delta R.T.: -0.007 min
Response: 902379954
Conc: 667.48 ng/ml



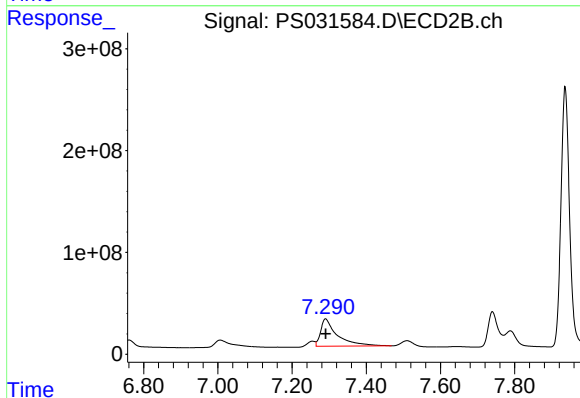
#3 4-Nitrophenol

R.T.: 7.095 min
Delta R.T.: -0.003 min
Response: 749204166
Conc: 726.20 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

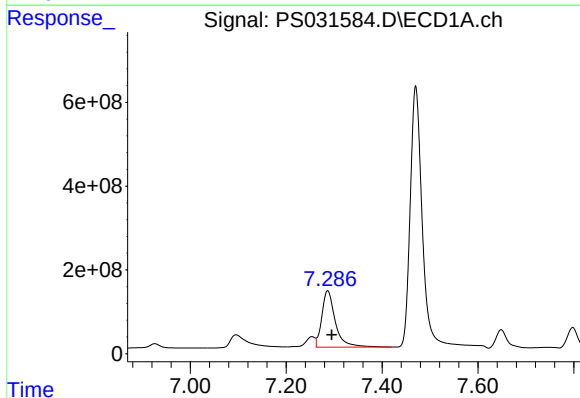
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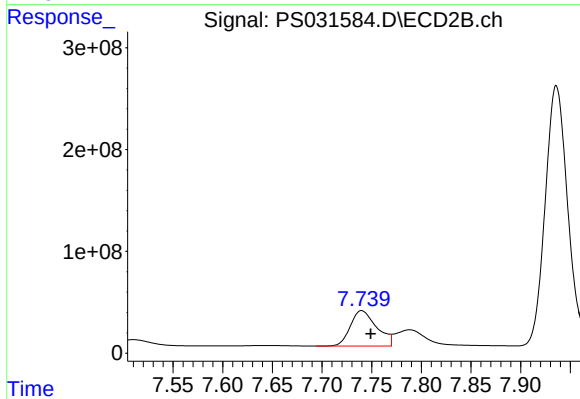
#3 4-Nitrophenol

R.T.: 7.290 min
Delta R.T.: 0.000 min
Response: 840959045
Conc: 669.08 ng/ml m



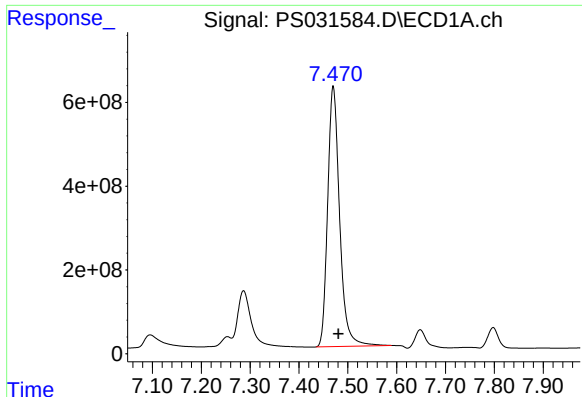
#4 2,4-DCAA

R.T.: 7.287 min
Delta R.T.: -0.008 min
Response: 2644292858
Conc: 833.11 ng/ml



#4 2,4-DCAA

R.T.: 7.740 min
Delta R.T.: -0.009 min
Response: 641608093
Conc: 758.99 ng/ml



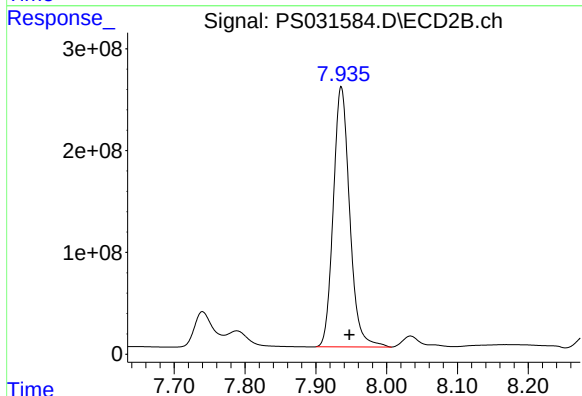
#5 DICAMBA

R.T.: 7.470 min
Delta R.T.: -0.011 min
Response: 10574700873
Conc: 757.15 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

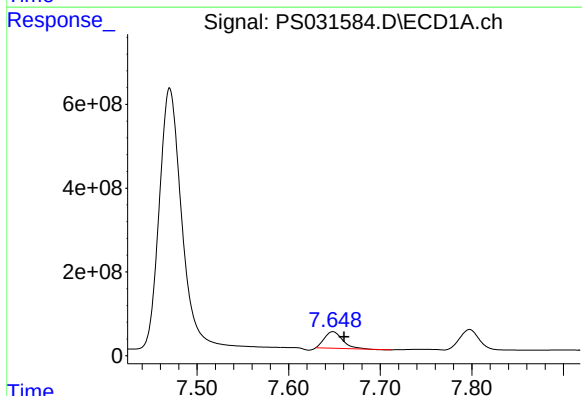
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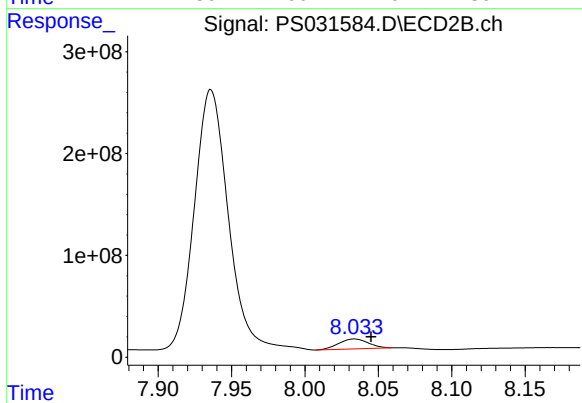
#5 DICAMBA

R.T.: 7.936 min
Delta R.T.: -0.011 min
Response: 4108586101
Conc: 723.00 ng/ml



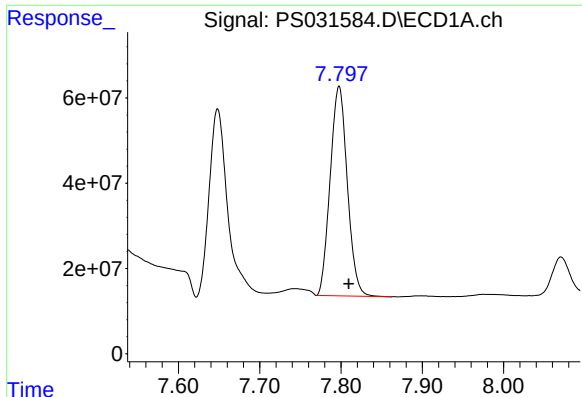
#6 MCP

R.T.: 7.648 min
Delta R.T.: -0.012 min
Response: 535665653
Conc: 66.58 ug/ml



#6 MCP

R.T.: 8.033 min
Delta R.T.: -0.012 min
Response: 136301148
Conc: 77.10 ug/ml m



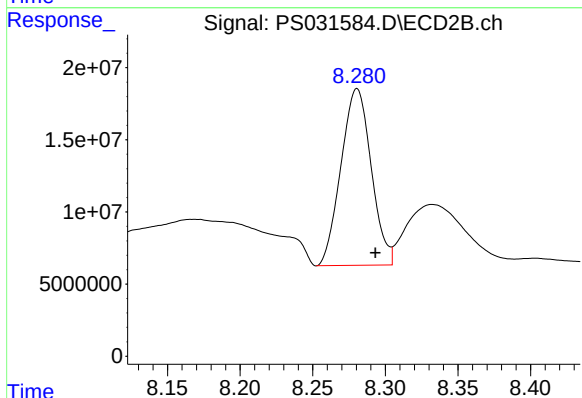
#7 MCPA

R.T.: 7.798 min
Delta R.T.: -0.012 min
Response: 721020603
Conc: 72.38 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

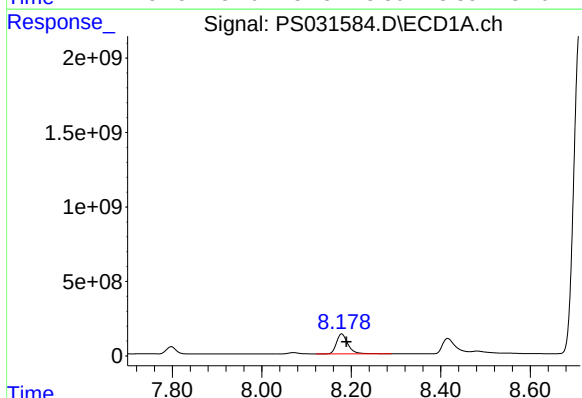
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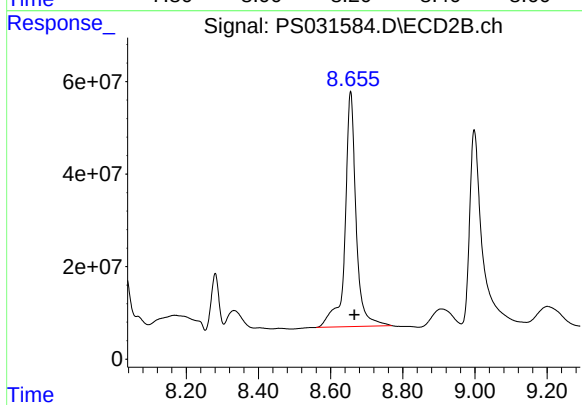
#7 MCPA

R.T.: 8.280 min
Delta R.T.: -0.013 min
Response: 177568784
Conc: 63.29 ug/ml



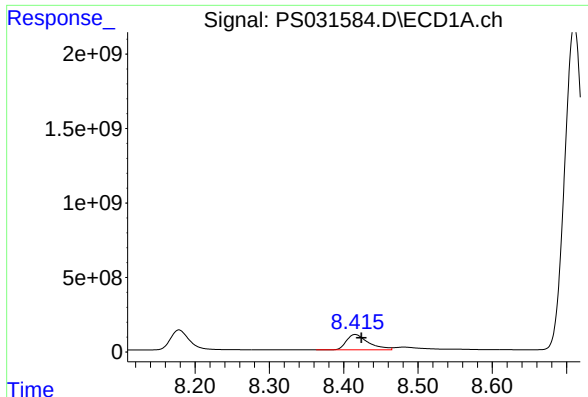
#8 DICHLORPROP

R.T.: 8.178 min
Delta R.T.: -0.011 min
Response: 2370358129
Conc: 747.17 ng/ml



#8 DICHLORPROP

R.T.: 8.656 min
Delta R.T.: -0.010 min
Response: 1081532233
Conc: 810.12 ng/ml



#9 2,4-D

R.T.: 8.415 min
Delta R.T.: -0.008 min
Response: 2130200503
Conc: 740.47 ng/ml

Instrument :

ECD_S

ClientSampleId :

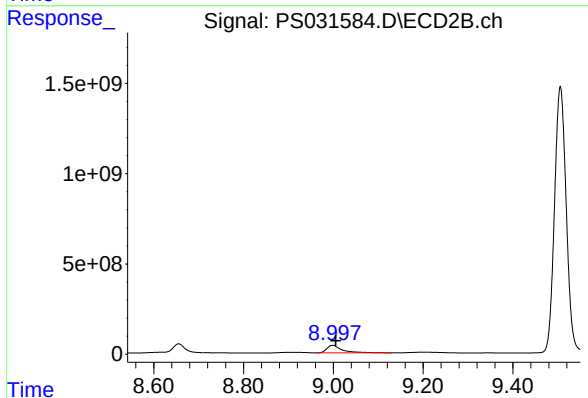
HSTDCCC750

Manual Integrations

APPROVED

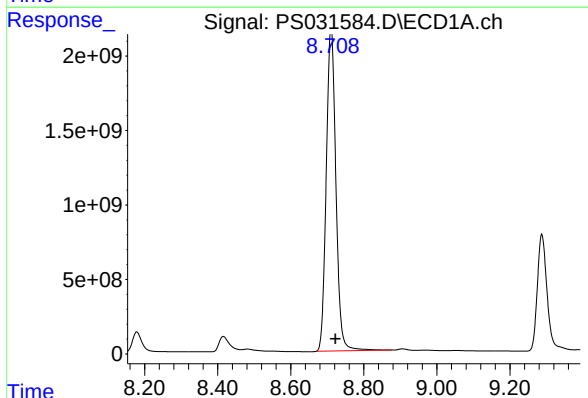
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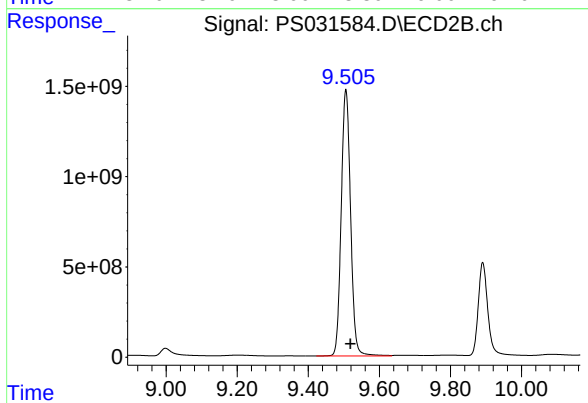
#9 2,4-D

R.T.: 8.997 min
Delta R.T.: -0.008 min
Response: 995361220
Conc: 697.38 ng/ml m



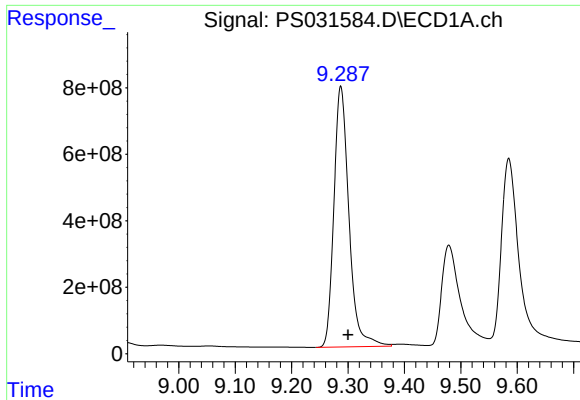
#10 Pentachlorophenol

R.T.: 8.710 min
Delta R.T.: -0.012 min
Response: 39627992581
Conc: 825.37 ng/ml



#10 Pentachlorophenol

R.T.: 9.506 min
Delta R.T.: -0.013 min
Response: 26947263555
Conc: 773.71 ng/ml



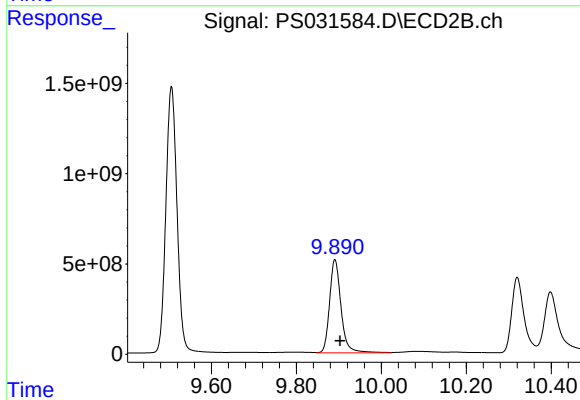
#11 2,4,5-TP (SILVEX)

R.T.: 9.287 min
Delta R.T.: -0.013 min
Response: 14530163119
Conc: 810.67 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

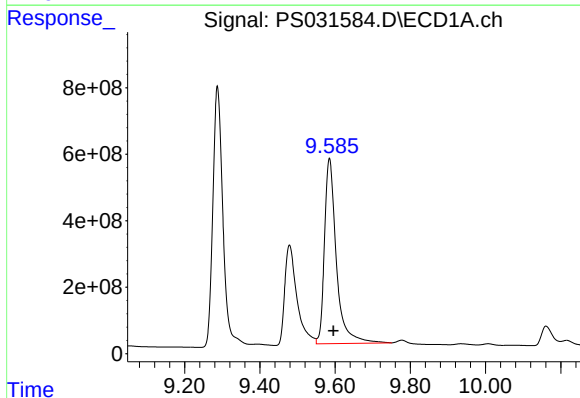
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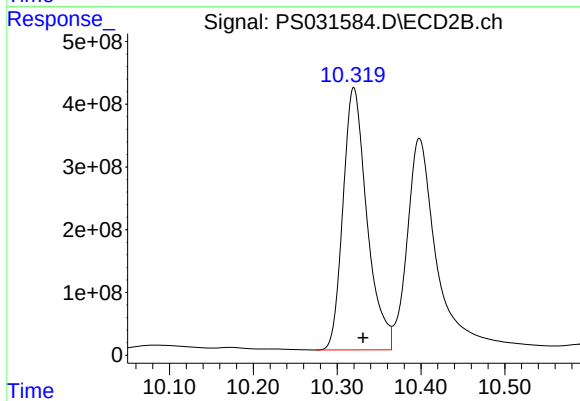
#11 2,4,5-TP (SILVEX)

R.T.: 9.891 min
Delta R.T.: -0.012 min
Response: 9699905785
Conc: 739.55 ng/ml



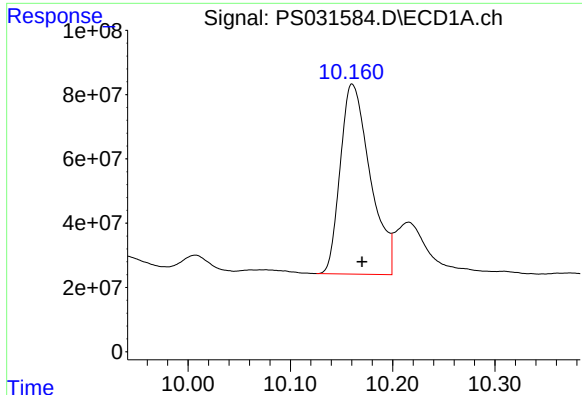
#12 2,4,5-T

R.T.: 9.585 min
Delta R.T.: -0.011 min
Response: 12229503409
Conc: 834.71 ng/ml



#12 2,4,5-T

R.T.: 10.320 min
Delta R.T.: -0.011 min
Response: 8314225589
Conc: 702.23 ng/ml



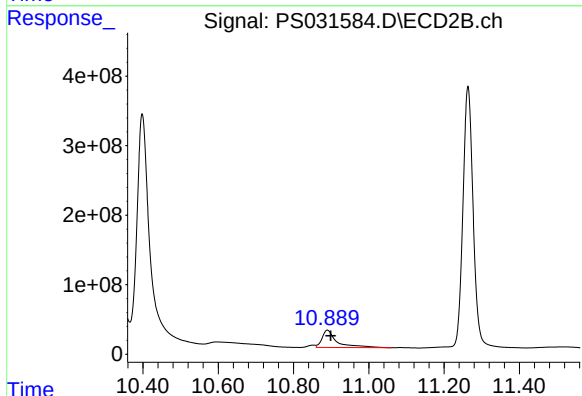
#13 2,4-DB

R.T.: 10.160 min
Delta R.T.: -0.010 min
Response: 1201955188
Conc: 625.46 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

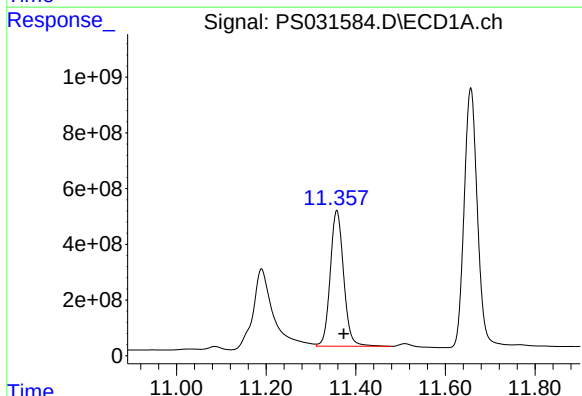
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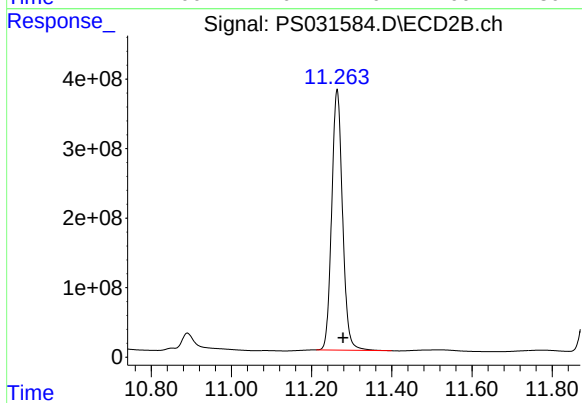
#13 2,4-DB

R.T.: 10.889 min
Delta R.T.: -0.010 min
Response: 682814810
Conc: 707.69 ng/ml m



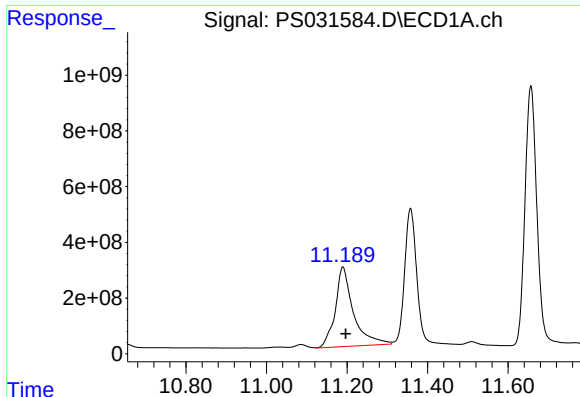
#14 DINOSEB

R.T.: 11.358 min
Delta R.T.: -0.016 min
Response: 10096093240
Conc: 796.32 ng/ml



#14 DINOSEB

R.T.: 11.264 min
Delta R.T.: -0.015 min
Response: 7017800119
Conc: 742.08 ng/ml



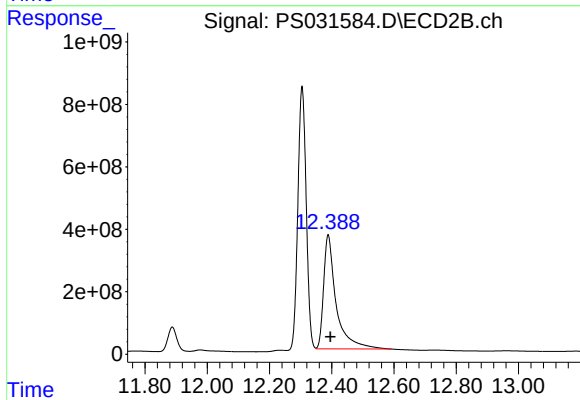
#15 Picloram

R.T.: 11.189 min
Delta R.T.: -0.008 min
Response: 8922515991
Conc: 683.50 ng/ml

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ClientSampleId :
HSTDCCC750

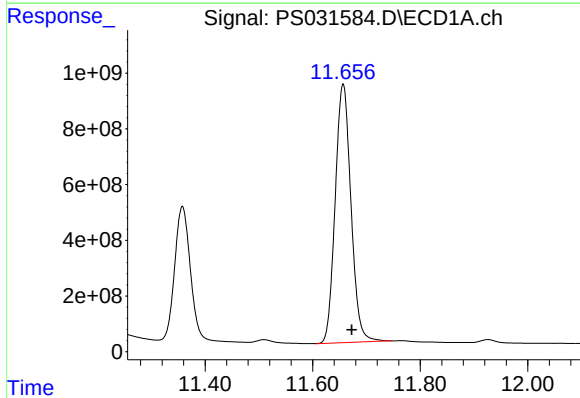
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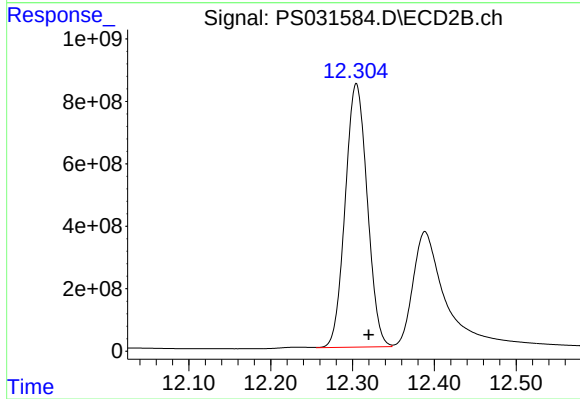
#15 Picloram

R.T.: 12.388 min
Delta R.T.: -0.007 min
Response: 10185328262
Conc: 581.03 ng/ml m



#16 DCPA

R.T.: 11.656 min
Delta R.T.: -0.017 min
Response: 18862757924
Conc: 828.07 ng/ml m



#16 DCPA

R.T.: 12.304 min
Delta R.T.: -0.015 min
Response: 15791149319
Conc: 801.57 ng/ml m