

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS092225\
 Data File : PS031794.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Sep 2025 21:53
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/23/2025
 Supervised By :mohammad ahmed 09/25/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 23 01:52:22 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS090925.M
 Quant Title : 8080.M
 QLast Update : Tue Sep 09 13:56:38 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	7.285	7.745	2902.1E6	681.2E6	805.802	749.491
Target Compounds							
1) T	Dalapon	2.672	2.691	3985.2E6	1928.0E6	689.389	684.270
2) T	3,5-DICHL...	6.452	6.697	3945.4E6	1118.9E6	739.760	733.754
3) T	4-Nitroph...	7.096	7.297	754.7E6	815.1E6	684.126m	645.438
5) T	DICAMBA	7.469	7.940	11890.8E6	4742.1E6	762.393	728.787
6) T	MCPD	7.647	8.037	695.1E6	149.8E6	77.755	79.531
7) T	MCPA	7.796	8.284	844.5E6	211.4E6	76.012	75.456
8) T	DICHLORPROP	8.177	8.660	2646.6E6	1074.0E6	743.055	738.142
9) T	2,4-D	8.415	9.003	2586.4E6	1163.8E6	755.021	707.432
10) T	Pentachlo...	8.710	9.509	42666.6E6	30286.0E6	803.608	763.053
11) T	2,4,5-TP ...	9.285	9.894	16163.6E6	11018.6E6	770.662	731.921
12) T	2,4,5-T	9.582	10.323	14796.0E6	9699.2E6	808.605	720.754
13) T	2,4-DB	10.159	10.891	1893.0E6	751.8E6	811.486	702.615m
14) T	DINOSEB	11.353	11.267	11721.4E6	7765.9E6	812.707	798.900
15) T	Picloram	11.185	12.388	14211.4E6	17489.4E6	789.038	738.470
16) T	DCPA	11.653	12.307	21101.1E6	18271.2E6	782.977	758.012

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

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Sample : HSTDCCC750
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ALS Vial : 31 Sample Multiplier: 1

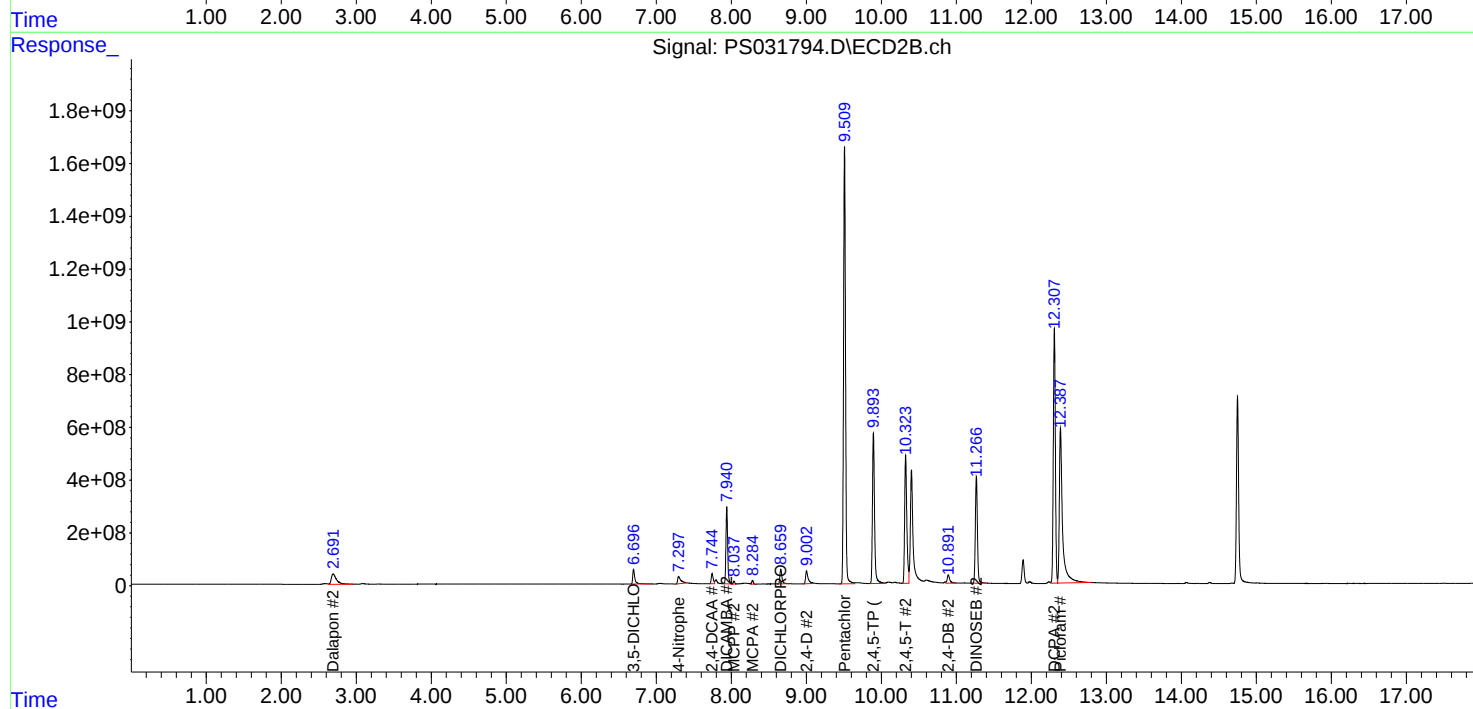
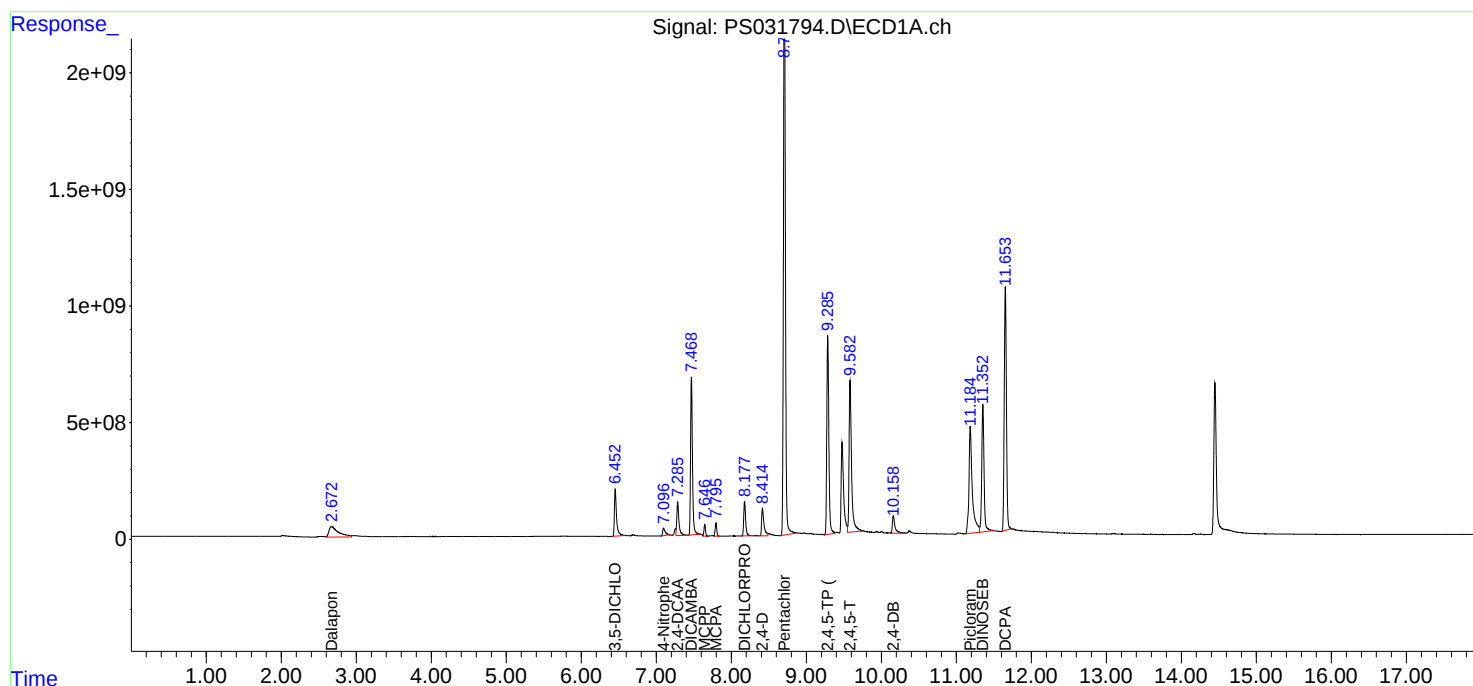
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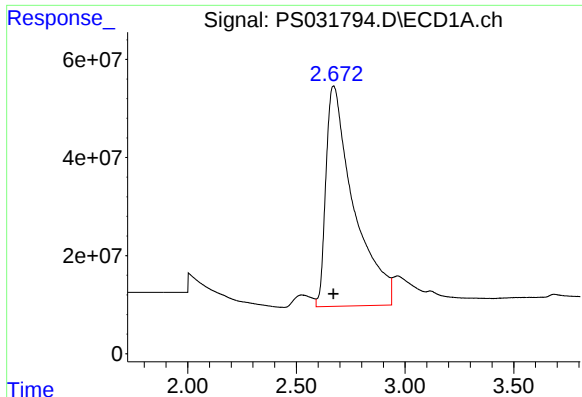
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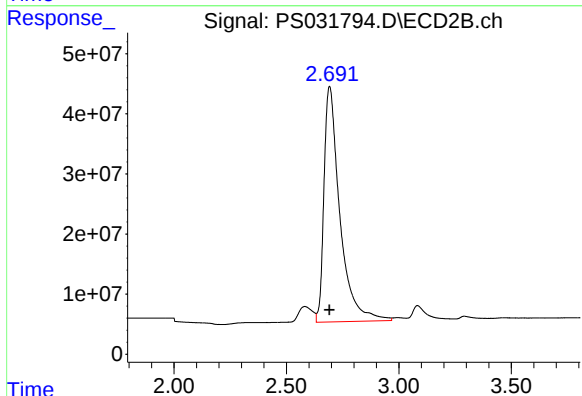
#1 Dalapon

R.T.: 2.672 min
Delta R.T.: 0.000 min
Response: 3985179911
Conc: 689.39 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

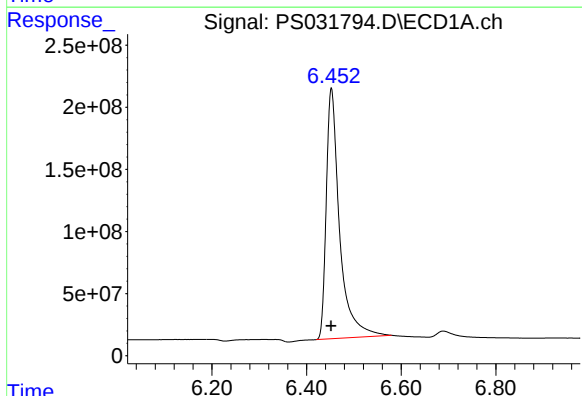
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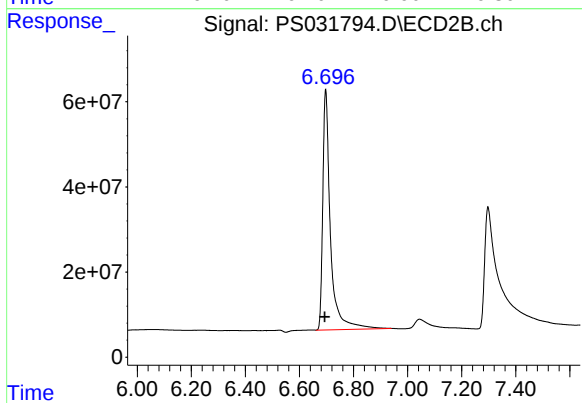
#1 Dalapon

R.T.: 2.691 min
Delta R.T.: 0.000 min
Response: 1928018404
Conc: 684.27 ng/ml



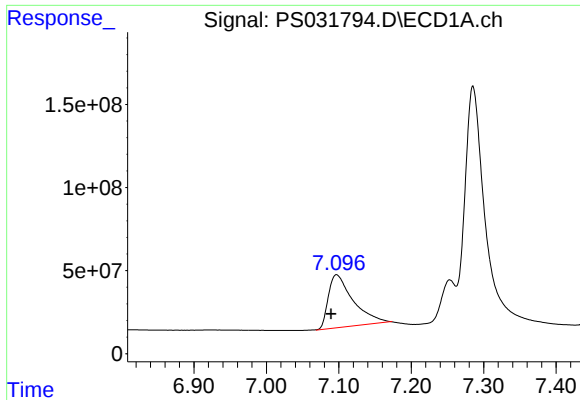
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.452 min
Delta R.T.: 0.000 min
Response: 3945404553
Conc: 739.76 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.697 min
Delta R.T.: 0.004 min
Response: 1118948690
Conc: 733.75 ng/ml



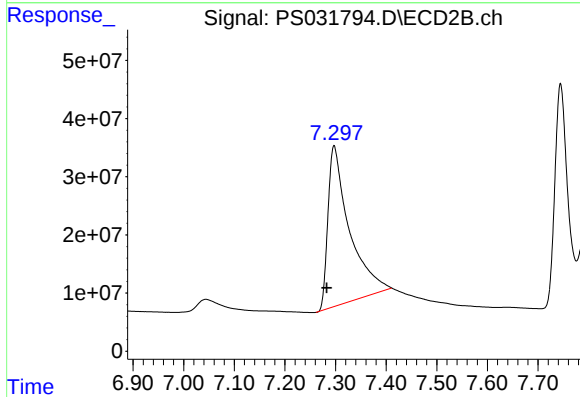
#3 4-Nitrophenol

R.T.: 7.096 min
Delta R.T.: 0.007 min
Response: 754733605
Conc: 684.13 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

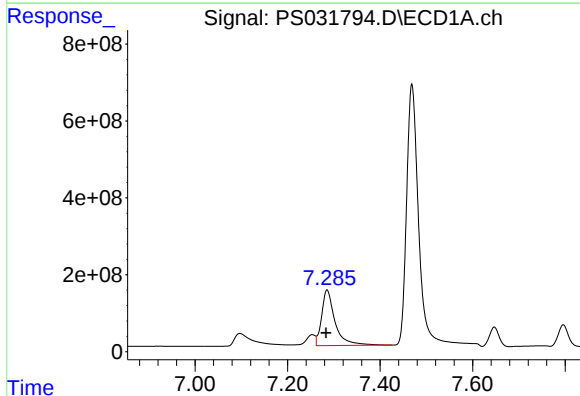
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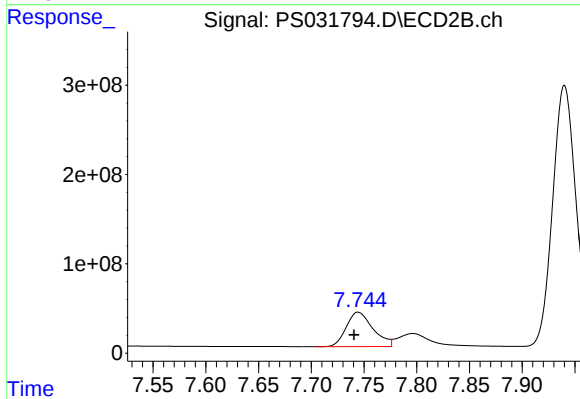
#3 4-Nitrophenol

R.T.: 7.297 min
Delta R.T.: 0.015 min
Response: 815050688
Conc: 645.44 ng/ml



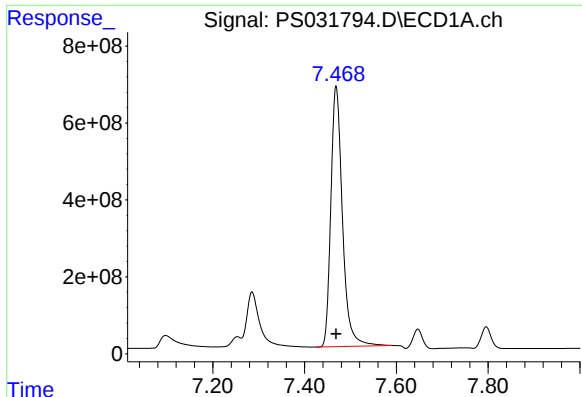
#4 2,4-DCAA

R.T.: 7.285 min
Delta R.T.: 0.002 min
Response: 2902116657
Conc: 805.80 ng/ml



#4 2,4-DCAA

R.T.: 7.745 min
Delta R.T.: 0.004 min
Response: 681212240
Conc: 749.49 ng/ml



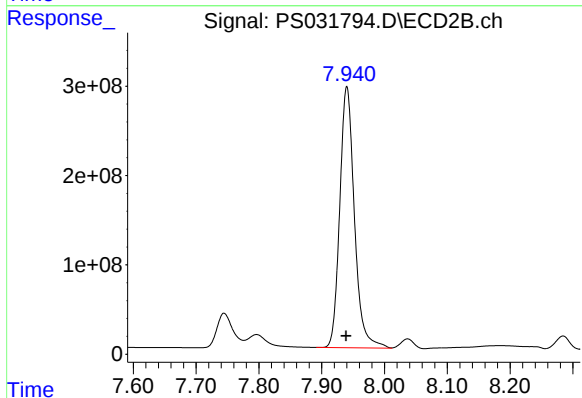
#5 DICAMBA

R.T.: 7.469 min
Delta R.T.: 0.000 min
Response: 11890816261
Conc: 762.39 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

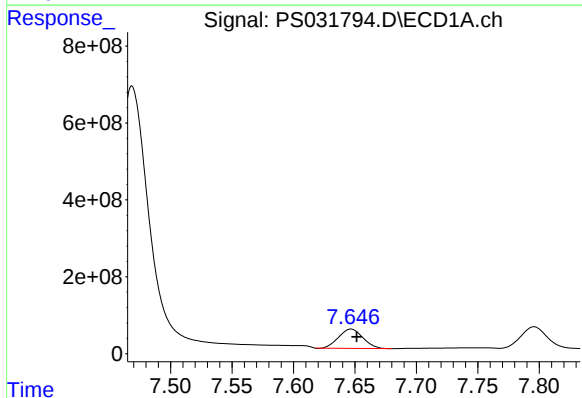
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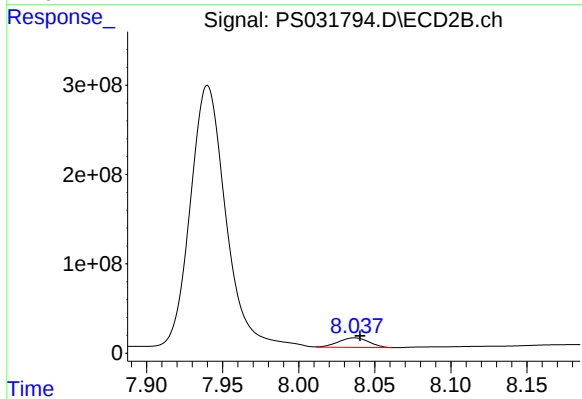
#5 DICAMBA

R.T.: 7.940 min
Delta R.T.: 0.001 min
Response: 4742105447
Conc: 728.79 ng/ml



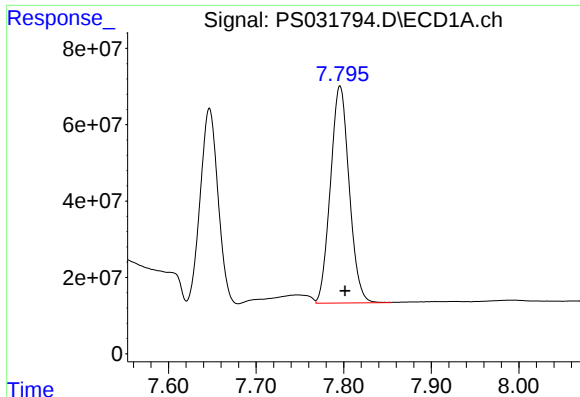
#6 MCPP

R.T.: 7.647 min
Delta R.T.: -0.005 min
Response: 695072703
Conc: 77.76 ug/ml



#6 MCPP

R.T.: 8.037 min
Delta R.T.: -0.003 min
Response: 149788764
Conc: 79.53 ug/ml



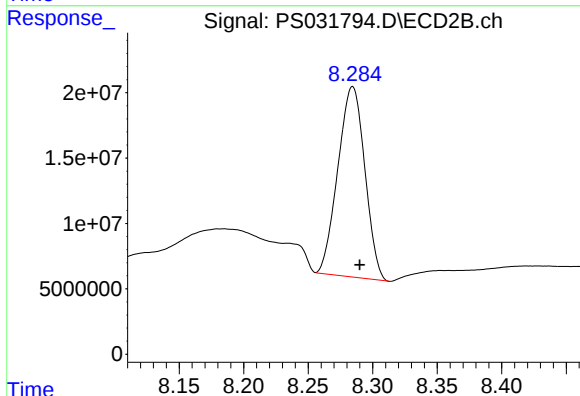
#7 MCPA

R.T.: 7.796 min
Delta R.T.: -0.006 min
Response: 844521363
Conc: 76.01 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

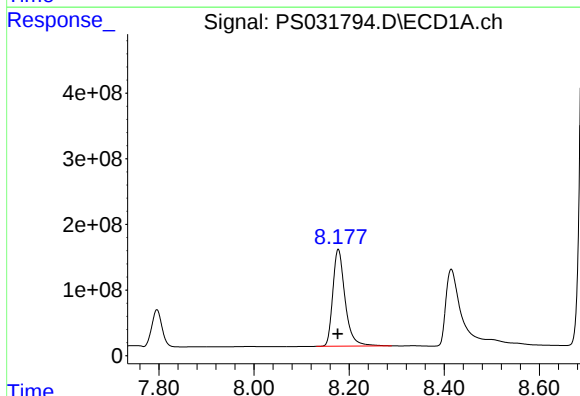
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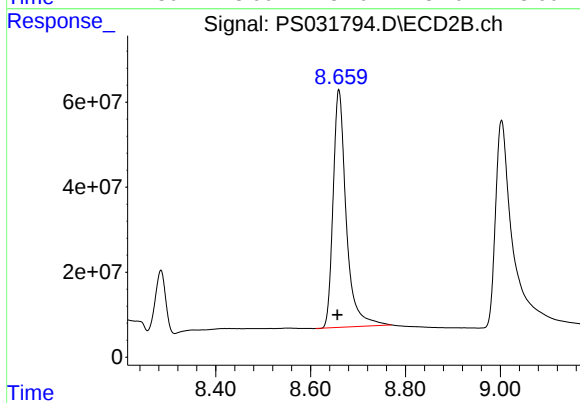
#7 MCPA

R.T.: 8.284 min
Delta R.T.: -0.006 min
Response: 211368237
Conc: 75.46 ug/ml



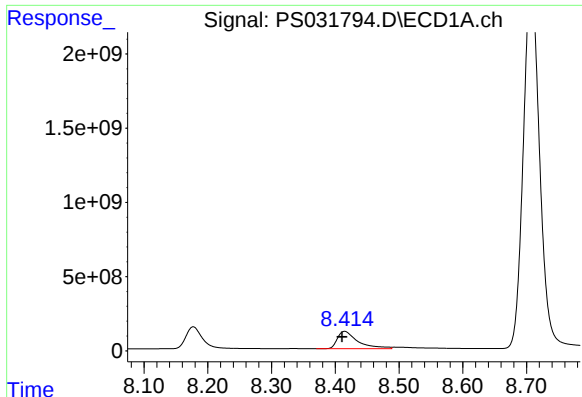
#8 DICHLORPROP

R.T.: 8.177 min
Delta R.T.: 0.000 min
Response: 2646583985
Conc: 743.05 ng/ml



#8 DICHLORPROP

R.T.: 8.660 min
Delta R.T.: 0.003 min
Response: 1074041644
Conc: 738.14 ng/ml



#9 2,4-D

R.T.: 8.415 min
Delta R.T.: 0.004 min
Response: 2586432138
Conc: 755.02 ng/ml

Instrument :

ECD_S

ClientSampleId :

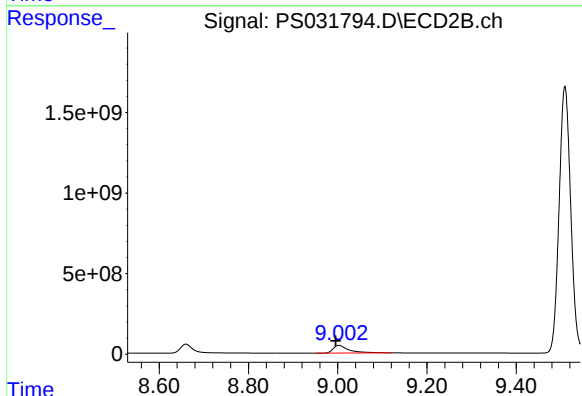
HSTDCCC750

Manual Integrations

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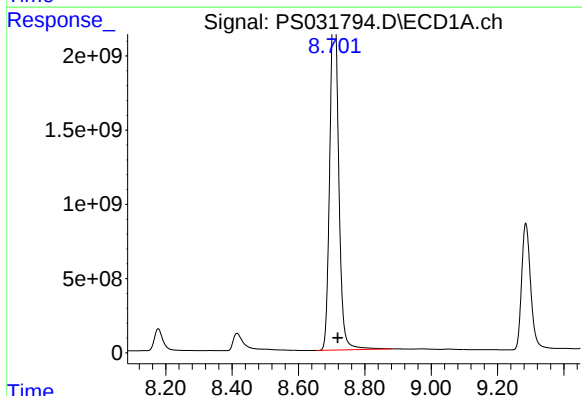
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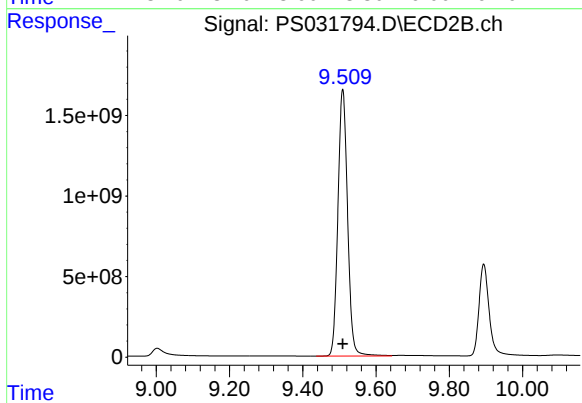
#9 2,4-D

R.T.: 9.003 min
Delta R.T.: 0.007 min
Response: 1163803806
Conc: 707.43 ng/ml



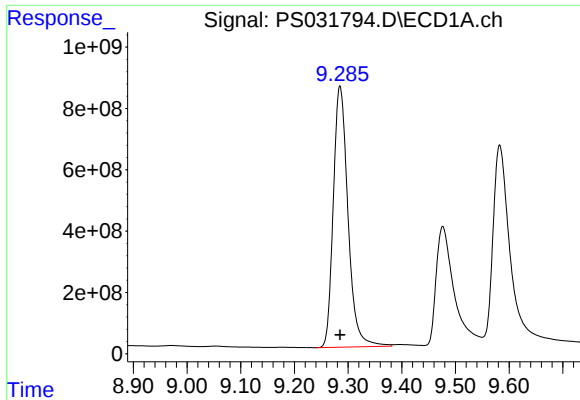
#10 Pentachlorophenol

R.T.: 8.710 min
Delta R.T.: -0.008 min
Response: 42666644300
Conc: 803.61 ng/ml



#10 Pentachlorophenol

R.T.: 9.509 min
Delta R.T.: 0.000 min
Response: 30285997299
Conc: 763.05 ng/ml



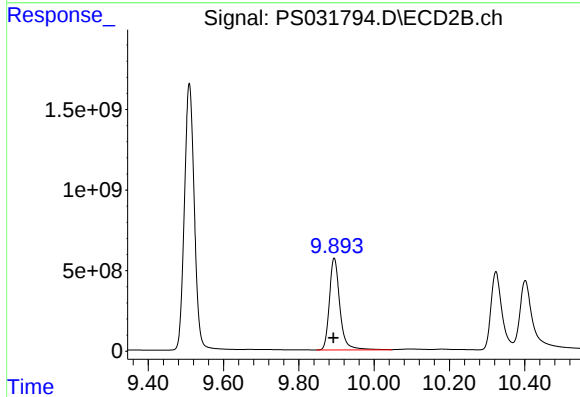
#11 2,4,5-TP (SILVEX)

R.T.: 9.285 min
Delta R.T.: 0.000 min
Response: 16163617052
Conc: 770.66 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

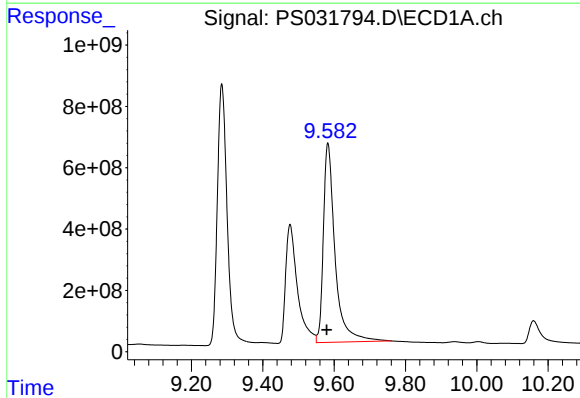
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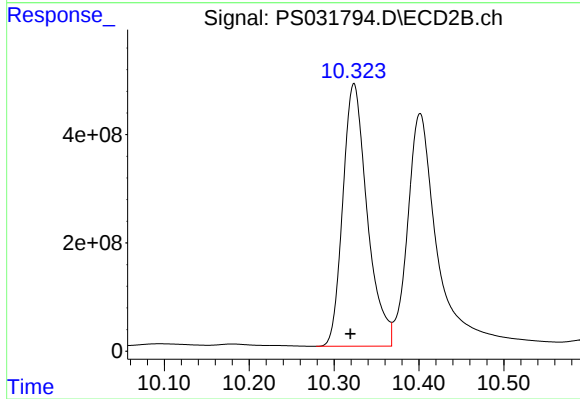
#11 2,4,5-TP (SILVEX)

R.T.: 9.894 min
Delta R.T.: 0.002 min
Response: 11018577225
Conc: 731.92 ng/ml



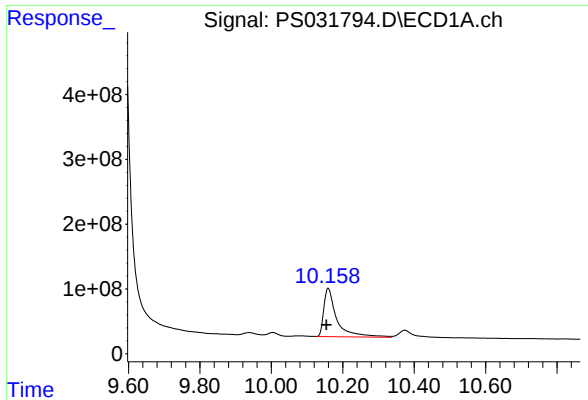
#12 2,4,5-T

R.T.: 9.582 min
Delta R.T.: 0.003 min
Response: 14795991589
Conc: 808.60 ng/ml



#12 2,4,5-T

R.T.: 10.323 min
Delta R.T.: 0.004 min
Response: 9699197781
Conc: 720.75 ng/ml



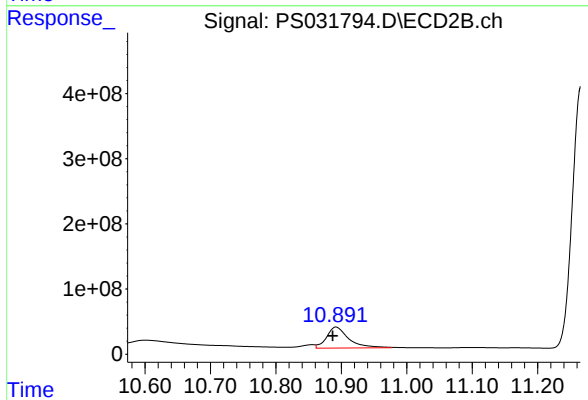
#13 2,4-DB

R.T.: 10.159 min
Delta R.T.: 0.005 min
Response: 1893007133
Conc: 811.49 ng/ml

Instrument :
ECD_S
ClientSampleId :
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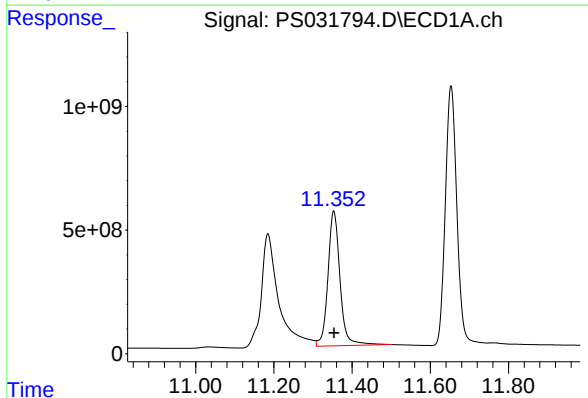
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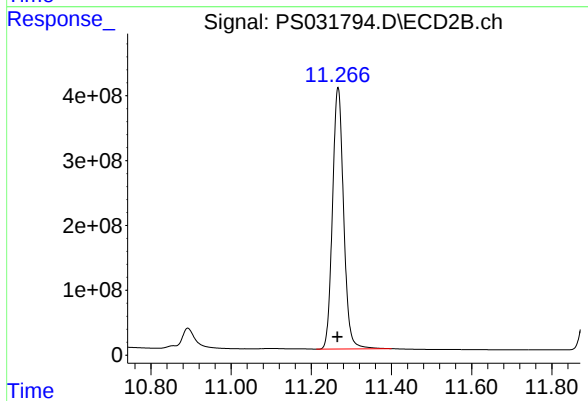
#13 2,4-DB

R.T.: 10.891 min
Delta R.T.: 0.004 min
Response: 751829114
Conc: 702.61 ng/ml m



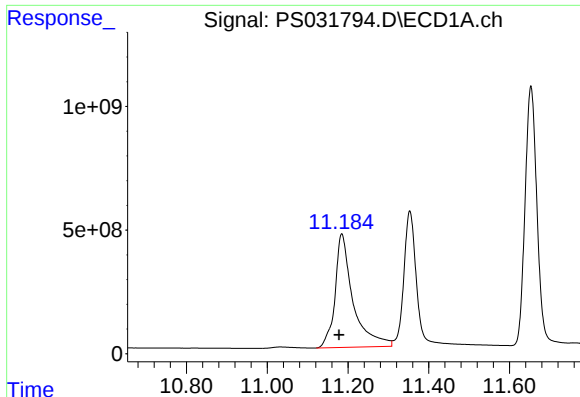
#14 DINOSEB

R.T.: 11.353 min
Delta R.T.: -0.001 min
Response: 11721419711
Conc: 812.71 ng/ml



#14 DINOSEB

R.T.: 11.267 min
Delta R.T.: 0.001 min
Response: 7765851743
Conc: 798.90 ng/ml



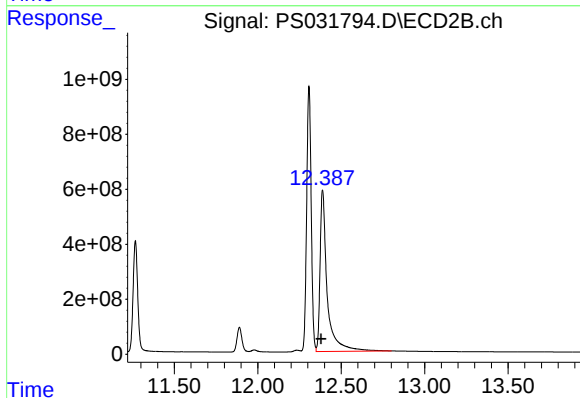
#15 Picloram

R.T.: 11.185 min
Delta R.T.: 0.007 min
Response: 14211430897
Conc: 789.04 ng/ml

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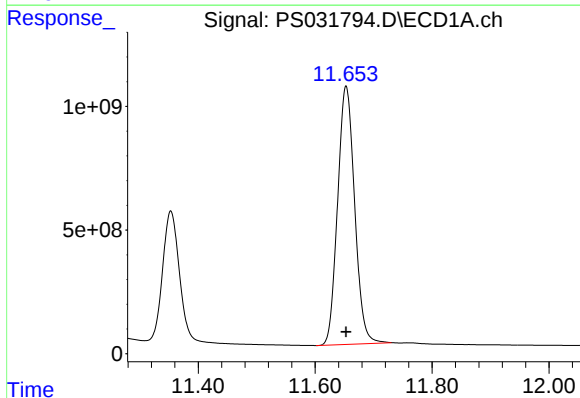
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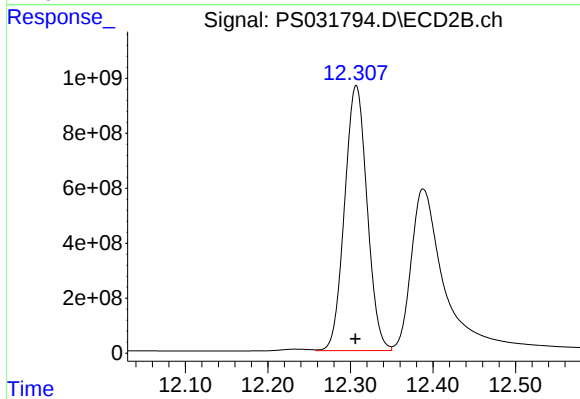
#15 Picloram

R.T.: 12.388 min
Delta R.T.: 0.009 min
Response: 17489358908
Conc: 738.47 ng/ml



#16 DCPA

R.T.: 11.653 min
Delta R.T.: 0.000 min
Response: 21101136221
Conc: 782.98 ng/ml



#16 DCPA

R.T.: 12.307 min
Delta R.T.: 0.000 min
Response: 18271185558
Conc: 758.01 ng/ml