

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS102725\
 Data File : PS032203.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Oct 2025 09:42
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 11/04/2025
 Supervised By :Yogesh Patel 11/04/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 04 08:33:40 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS102725.M
 Quant Title : 8080.M
 QLast Update : Tue Nov 04 08:33:29 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	7.274	7.750	3413.0E6	799.5E6	789.367	731.087
Target Compounds							
1) T	Dalapon	2.655	2.695	4859.4E6	2475.5E6	673.879	673.070
2) T	3,5-DICHL...	6.442	6.704	4569.3E6	1272.7E6	722.656	676.232
3) T	4-Nitroph...	7.093	7.310	829.8E6	1060.7E6	764.721m	668.646
5) T	DICAMBA	7.456	7.944	13577.8E6	5694.2E6	734.986	697.313
6) T	MCPD	7.633	8.041	832.8E6	185.8E6	77.349	72.643
7) T	MCPA	7.782	8.289	1020.8E6	249.6E6	78.396	71.292
8) T	DICHLORPROP	8.163	8.665	3113.9E6	1244.5E6	715.871	677.296
9) T	2,4-D	8.404	9.009	3160.9E6	1317.6E6	762.889	682.431
10) T	Pentachlo...	8.697	9.513	46877.9E6	37186.2E6	759.735	765.703
11) T	2,4,5-TP ...	9.270	9.898	18721.9E6	13545.8E6	758.491	716.643
12) T	2,4,5-T	9.569	10.328	17243.3E6	11635.7E6	827.787	721.515
13) T	2,4-DB	10.145	10.897	1865.3E6	861.5E6	810.544	624.385
14) T	DINOSEB	11.334	11.268	14487.5E6	10080.9E6	754.563	731.012
15) T	Picloram	11.174	12.395	14002.8E6	20911.4E6	743.579	719.368
16) T	DCPA	11.633	12.309	24244.7E6	23096.3E6	756.690	741.701

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

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Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 41 Sample Multiplier: 1

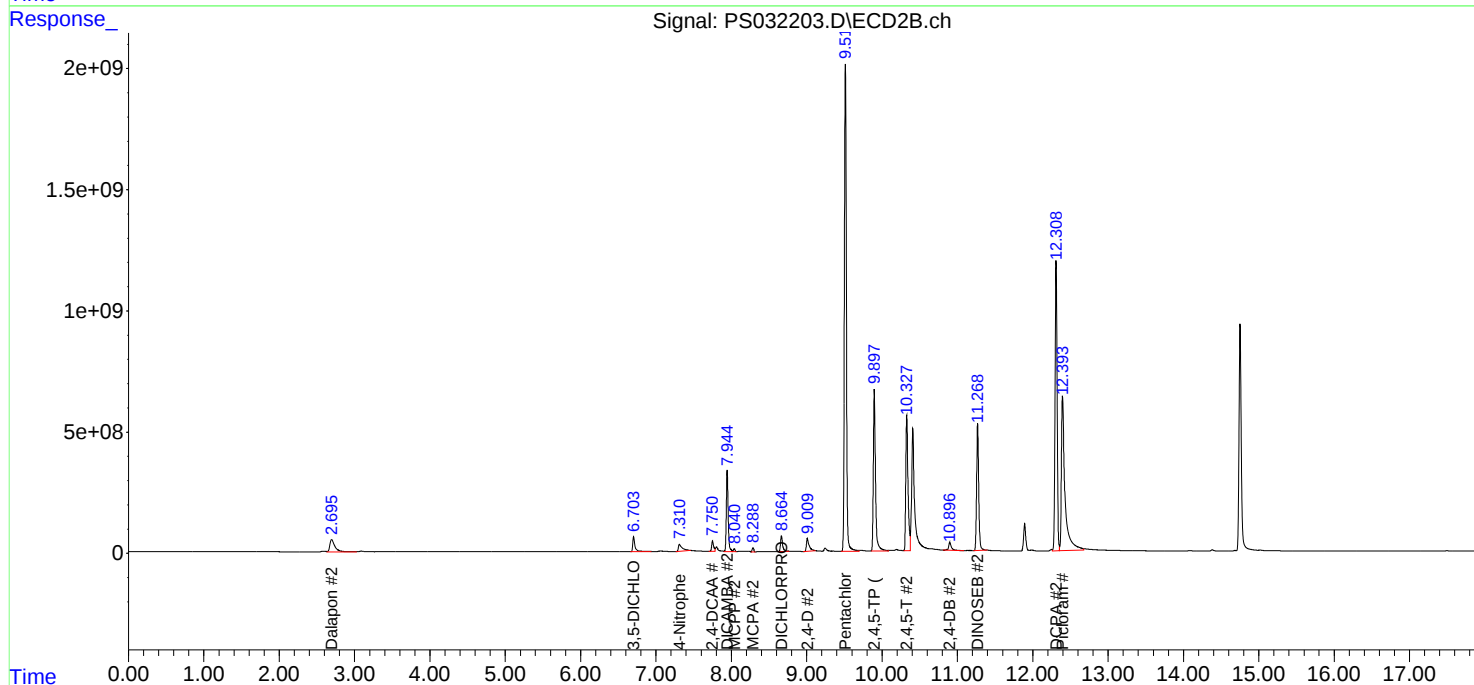
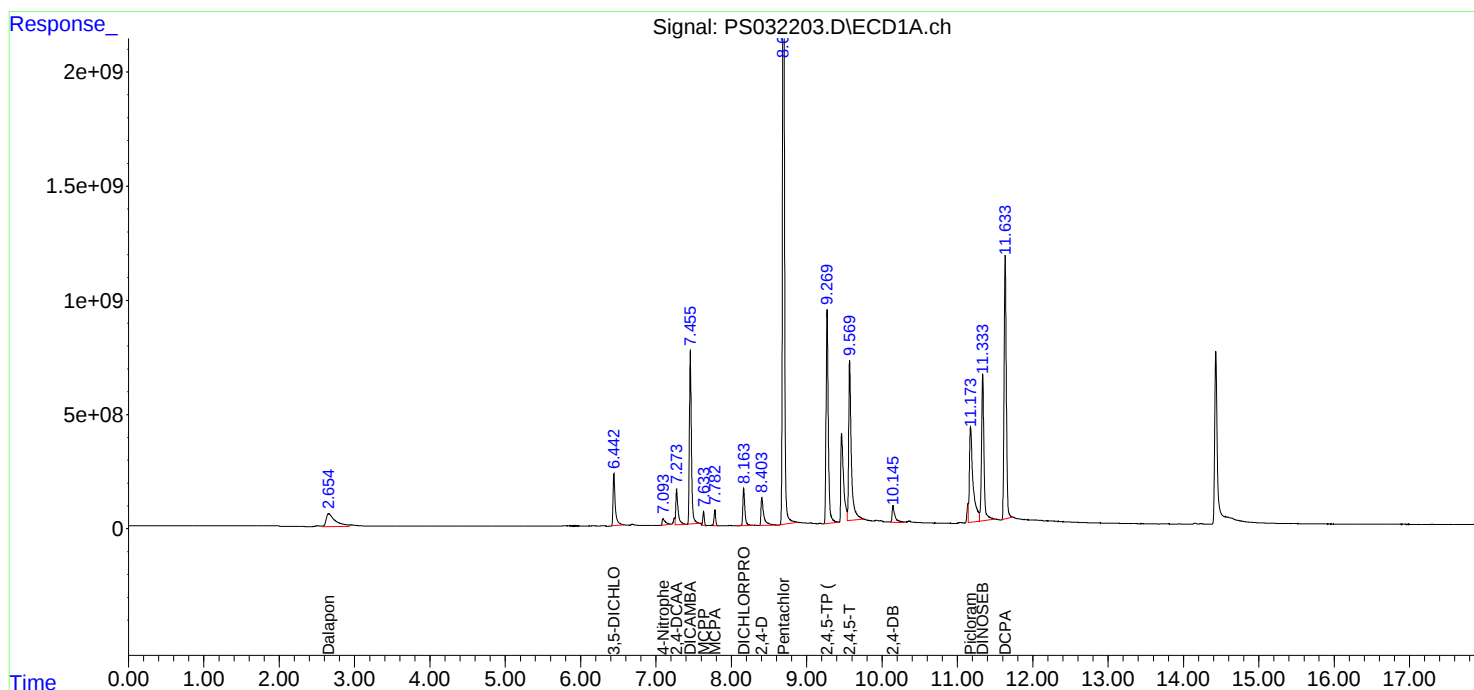
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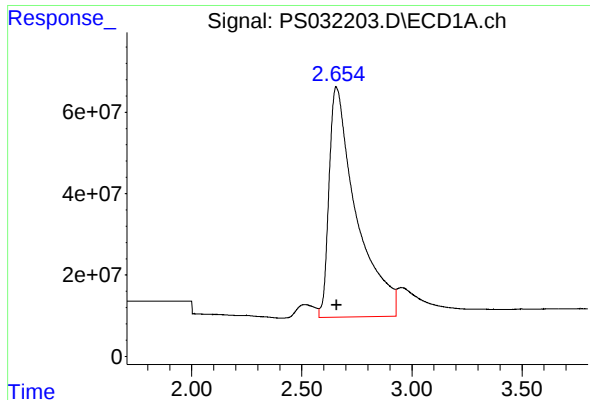
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Supervised By :Yogesh Patel 11/04/2025

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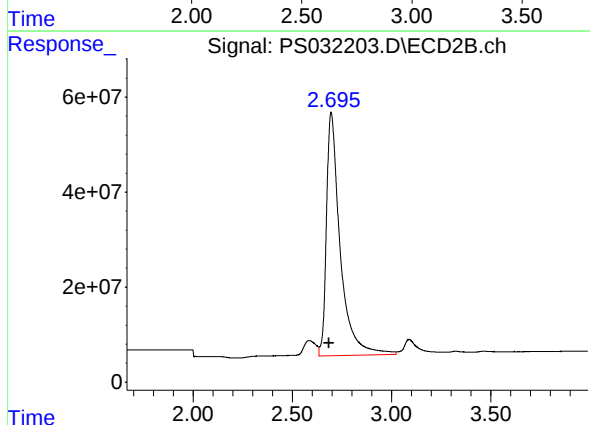
#1 Dalapon

R.T.: 2.655 min
Delta R.T.: -0.003 min
Response: 4859430214
Conc: 673.88 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

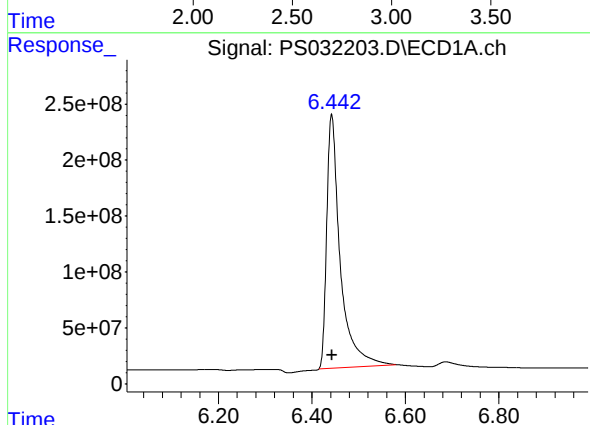
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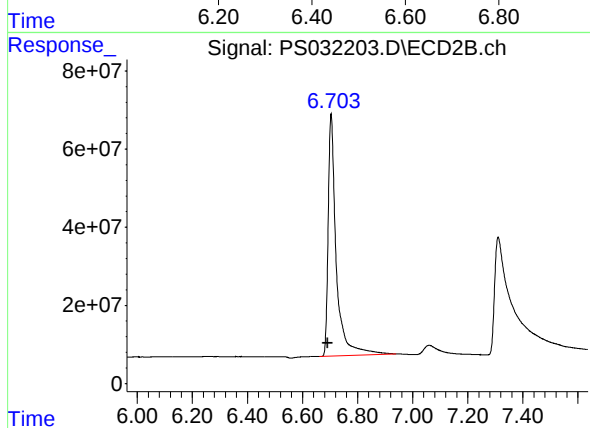
#1 Dalapon

R.T.: 2.695 min
Delta R.T.: 0.010 min
Response: 2475534093
Conc: 673.07 ng/ml



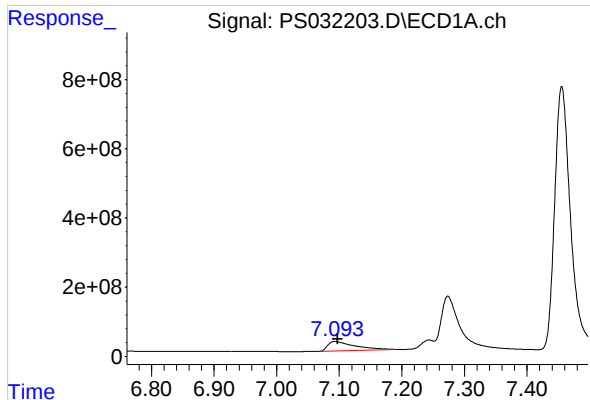
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.442 min
Delta R.T.: 0.000 min
Response: 4569296237
Conc: 722.66 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.704 min
Delta R.T.: 0.012 min
Response: 1272655721
Conc: 676.23 ng/ml



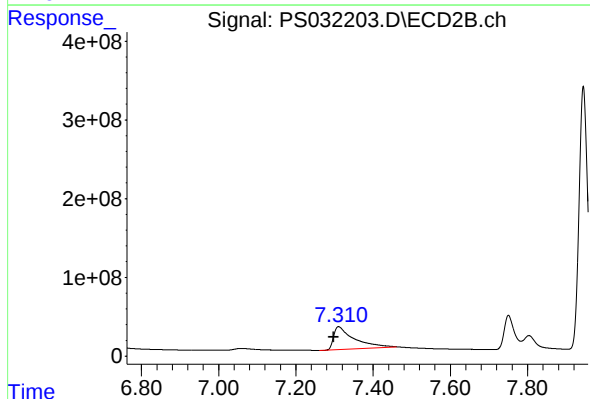
#3 4-Nitrophenol

R.T.: 7.093 min
Delta R.T.: -0.005 min
Response: 829760225
Conc: 764.72 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

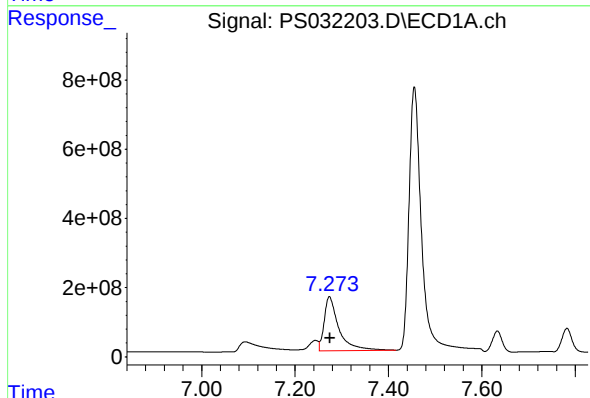
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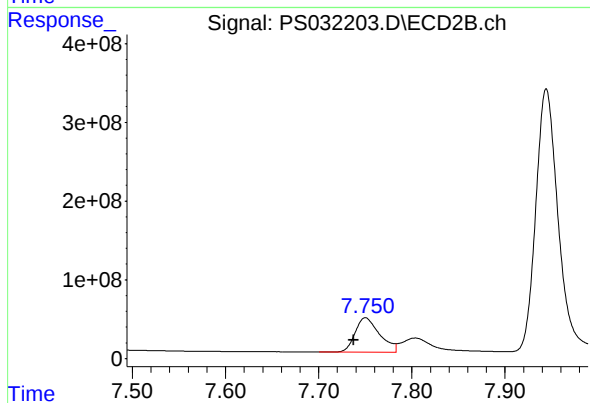
#3 4-Nitrophenol

R.T.: 7.310 min
Delta R.T.: 0.013 min
Response: 1060693485
Conc: 668.65 ng/ml



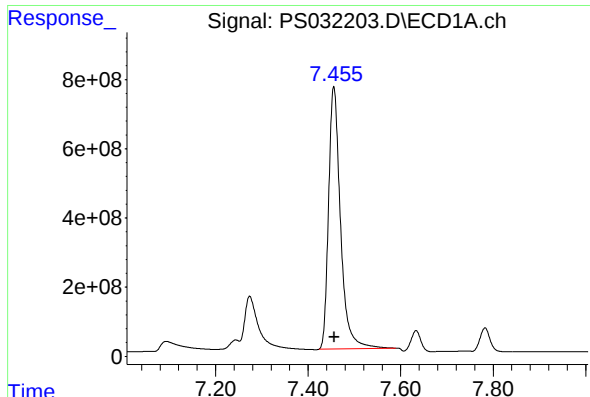
#4 2,4-DCAA

R.T.: 7.274 min
Delta R.T.: -0.002 min
Response: 3412956261
Conc: 789.37 ng/ml



#4 2,4-DCAA

R.T.: 7.750 min
Delta R.T.: 0.013 min
Response: 799469062
Conc: 731.09 ng/ml



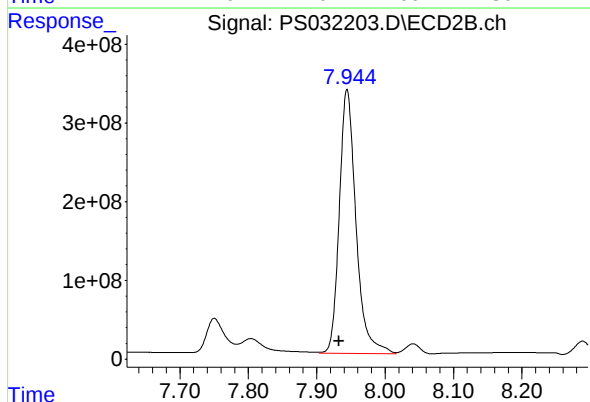
#5 DICAMBA

R.T.: 7.456 min
Delta R.T.: -0.002 min
Response: 13577831410
Conc: 734.99 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

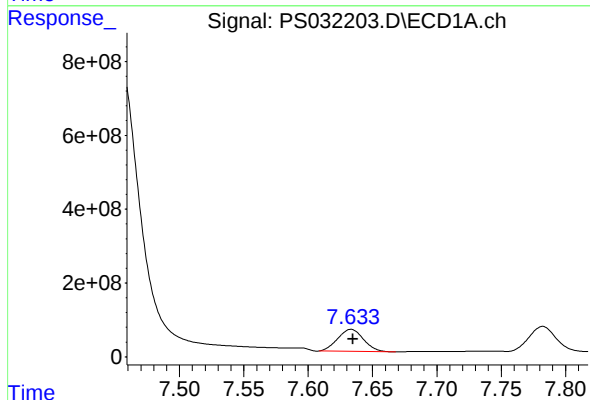
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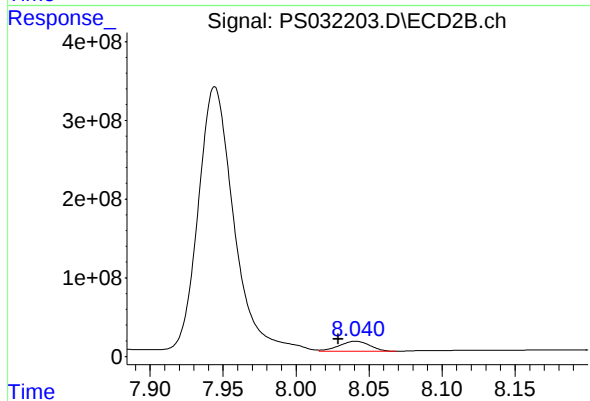
#5 DICAMBA

R.T.: 7.944 min
Delta R.T.: 0.012 min
Response: 5694235603
Conc: 697.31 ng/ml



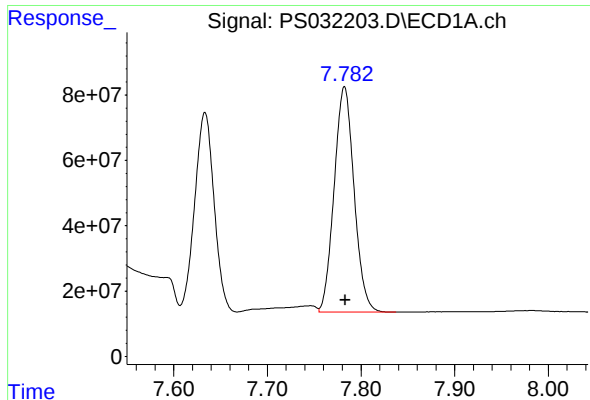
#6 MCPP

R.T.: 7.633 min
Delta R.T.: -0.001 min
Response: 832794559
Conc: 77.35 ug/ml



#6 MCPP

R.T.: 8.041 min
Delta R.T.: 0.012 min
Response: 185787265
Conc: 72.64 ug/ml



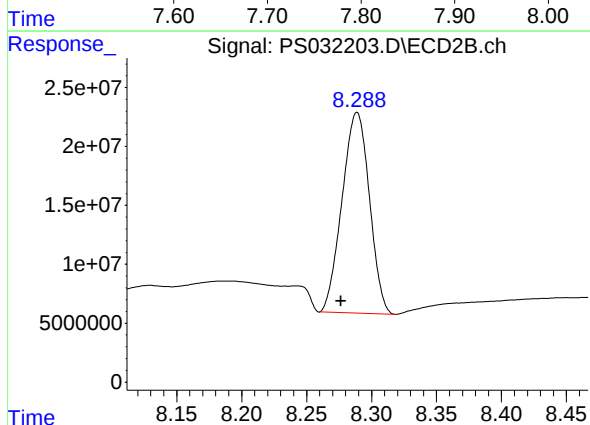
#7 MCPA

R.T.: 7.782 min
Delta R.T.: 0.000 min
Response: 1020809077
Conc: 78.40 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

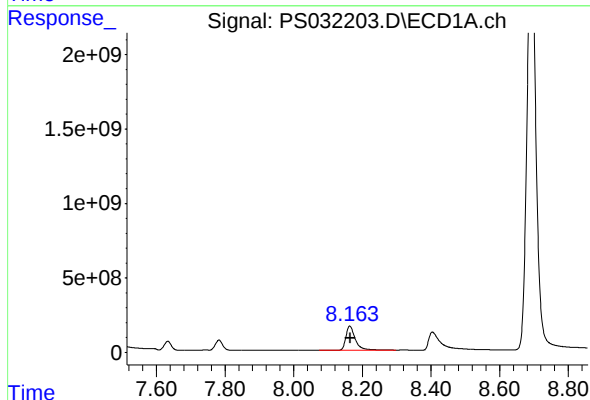
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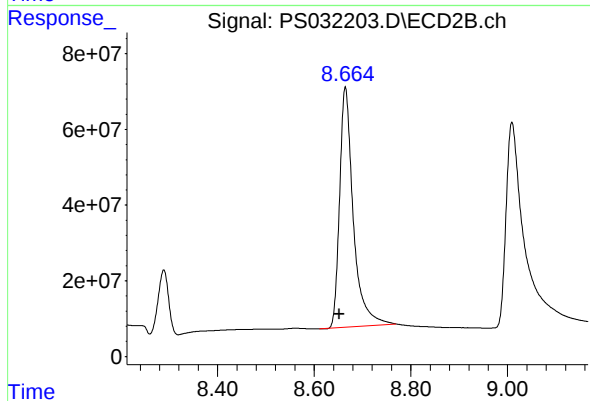
#7 MCPA

R.T.: 8.289 min
Delta R.T.: 0.012 min
Response: 249648860
Conc: 71.29 ug/ml



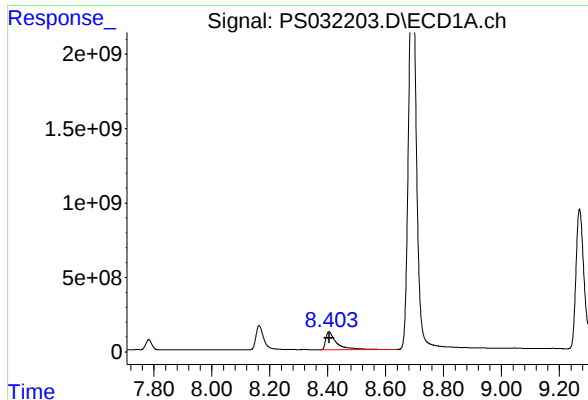
#8 DICHLORPROP

R.T.: 8.163 min
Delta R.T.: -0.002 min
Response: 3113876820
Conc: 715.87 ng/ml



#8 DICHLORPROP

R.T.: 8.665 min
Delta R.T.: 0.013 min
Response: 1244467011
Conc: 677.30 ng/ml



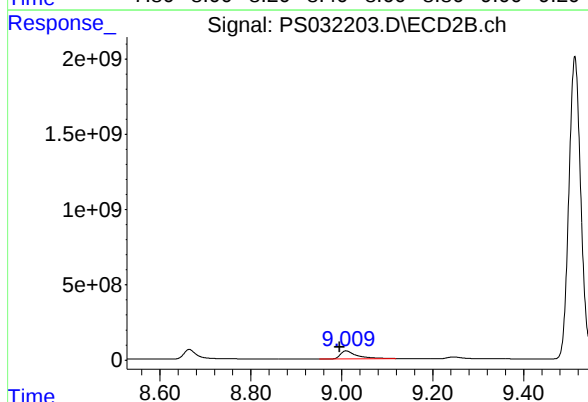
#9 2,4-D

R.T.: 8.404 min
Delta R.T.: -0.002 min
Response: 3160946188
Conc: 762.89 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

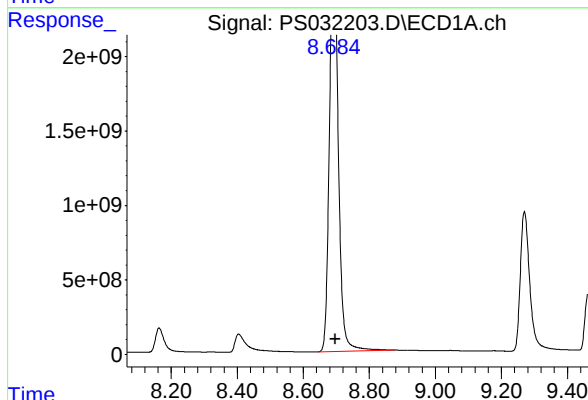
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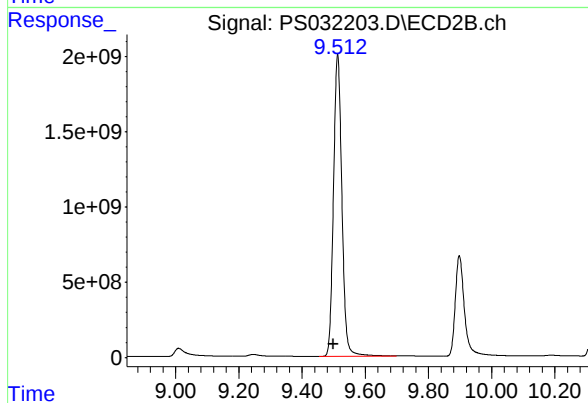
#9 2,4-D

R.T.: 9.009 min
Delta R.T.: 0.014 min
Response: 1317559279
Conc: 682.43 ng/ml



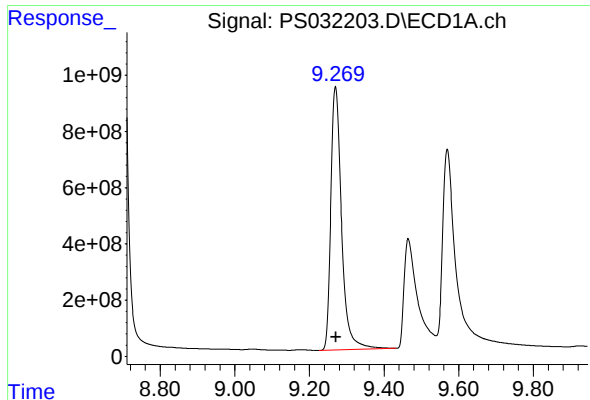
#10 Pentachlorophenol

R.T.: 8.697 min
Delta R.T.: 0.000 min
Response: 46877934256
Conc: 759.74 ng/ml



#10 Pentachlorophenol

R.T.: 9.513 min
Delta R.T.: 0.014 min
Response: 37186245057
Conc: 765.70 ng/ml



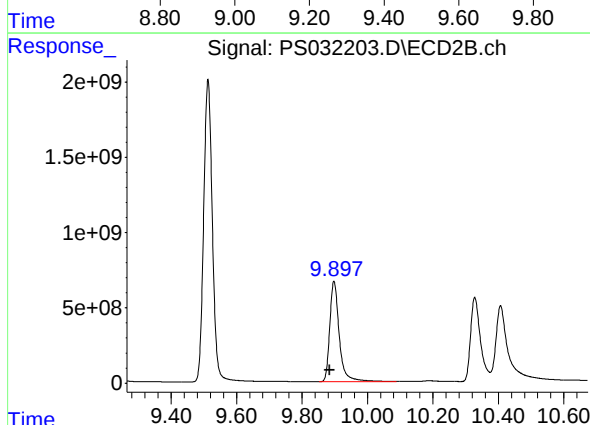
#11 2,4,5-TP (SILVEX)

R.T.: 9.270 min
Delta R.T.: -0.002 min
Response: 18721887231
Conc: 758.49 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

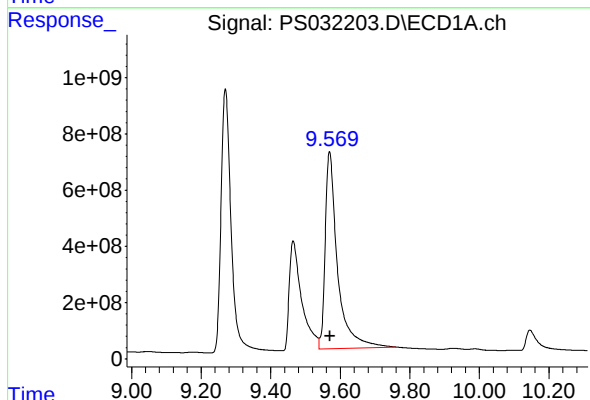
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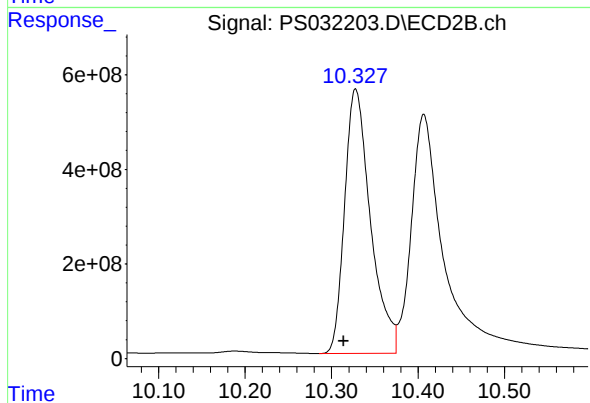
#11 2,4,5-TP (SILVEX)

R.T.: 9.898 min
Delta R.T.: 0.014 min
Response: 13545846720
Conc: 716.64 ng/ml



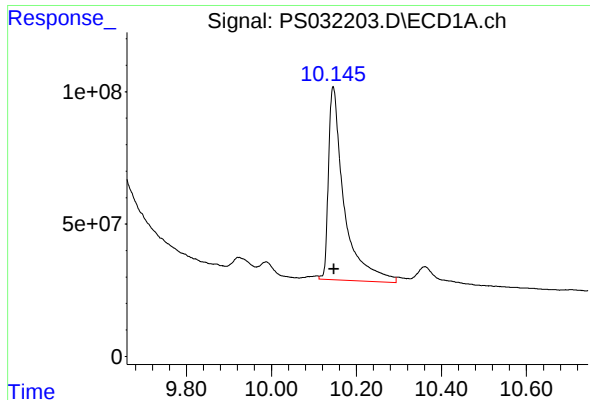
#12 2,4,5-T

R.T.: 9.569 min
Delta R.T.: -0.001 min
Response: 17243276939
Conc: 827.79 ng/ml



#12 2,4,5-T

R.T.: 10.328 min
Delta R.T.: 0.014 min
Response: 11635729661
Conc: 721.52 ng/ml



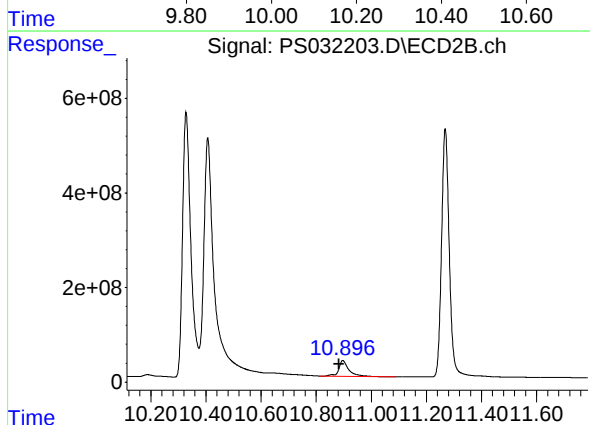
#13 2,4-DB

R.T.: 10.145 min
Delta R.T.: -0.002 min
Response: 1865307961
Conc: 810.54 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

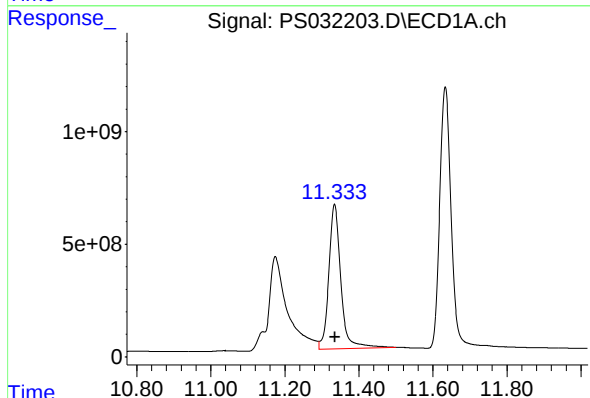
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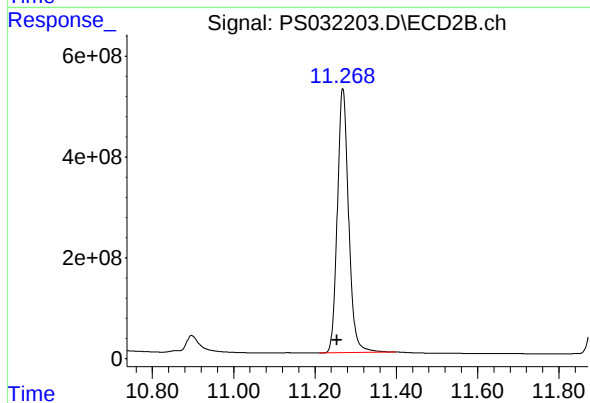
#13 2,4-DB

R.T.: 10.897 min
Delta R.T.: 0.014 min
Response: 861525870
Conc: 624.38 ng/ml



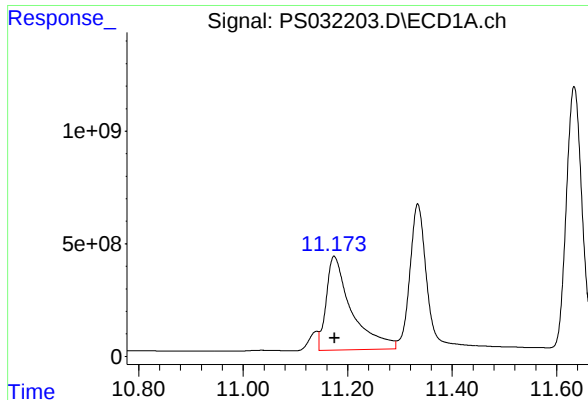
#14 DINOSEB

R.T.: 11.334 min
Delta R.T.: -0.002 min
Response: 14487513772
Conc: 754.56 ng/ml



#14 DINOSEB

R.T.: 11.268 min
Delta R.T.: 0.014 min
Response: 10080857260
Conc: 731.01 ng/ml



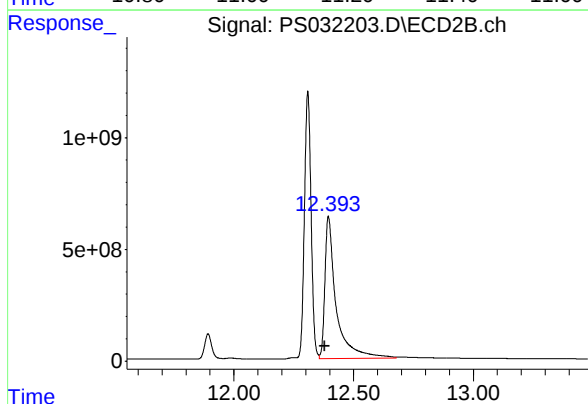
#15 Picloram

R.T.: 11.174 min
Delta R.T.: -0.001 min
Response: 14002817876
Conc: 743.58 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

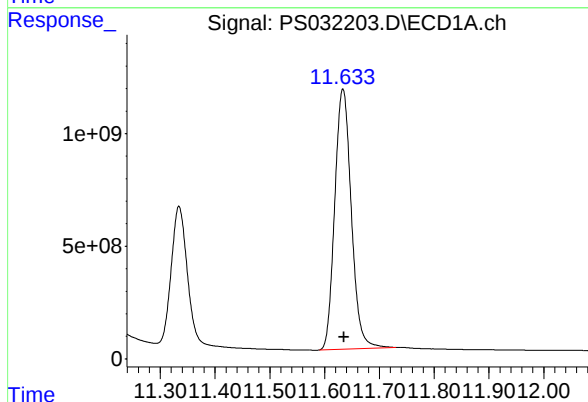
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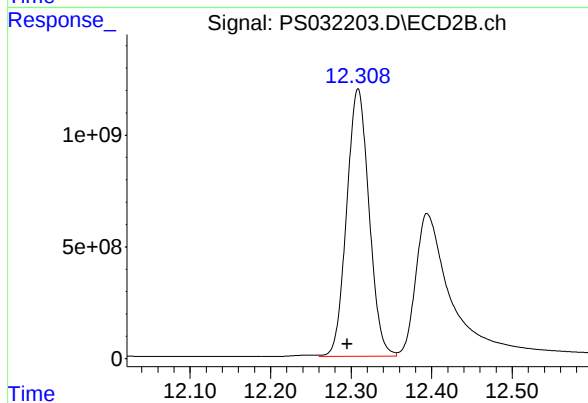
#15 Picloram

R.T.: 12.395 min
Delta R.T.: 0.016 min
Response: 20911396142
Conc: 719.37 ng/ml



#16 DCPA

R.T.: 11.633 min
Delta R.T.: -0.002 min
Response: 24244658130
Conc: 756.69 ng/ml



#16 DCPA

R.T.: 12.309 min
Delta R.T.: 0.013 min
Response: 23096308629
Conc: 741.70 ng/ml