

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS052325\
 Data File : PS030372.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 May 2025 11:02
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/27/2025
 Supervised By : mohammad ahmed 05/28/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 23 13:07:37 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
 Quant Title : 8080.M
 QLast Update : Mon May 12 14:29:24 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	6.928	7.444	2149.5E6	588.1E6	754.791	734.955
Target Compounds							
1) T	Dalapon	2.443	2.516	3318.6E6	1339.9E6	675.150	659.703
2) T	3,5-DICHL...	6.134	6.445	2924.1E6	758.4E6	701.133	650.526
3) T	4-Nitroph...	6.719	6.980	1431.6E6	633.7E6	693.062	606.944
5) T	DICAMBA	7.104	7.629	8323.1E6	3370.7E6	720.159	712.918
6) T	MCPD	7.283	7.737	562.4E6	129.9E6	77.221	70.607
7) T	MCPA	7.426	7.967	743.9E6	182.3E6	71.658	69.124
8) T	DICHLORPROP	7.784	8.321	2081.5E6	815.6E6	712.510	690.339
9) T	2,4-D	8.004	8.633	2341.5E6	912.7E6	714.089	707.232
10) T	Pentachlo...	8.280	9.131	29917.3E6	18006.5E6	738.685	729.453
11) T	2,4,5-TP ...	8.844	9.510	11769.0E6	7148.6E6	726.664	725.711
12) T	2,4,5-T	9.125	9.913	12149.8E6	6616.6E6	735.676	718.917
13) T	2,4-DB	9.682	10.471	2017.1E6	622.2E6	772.886	626.936
14) T	DINOSEB	10.843	10.845	8175.9E6	4746.9E6	714.907	694.812
15) T	Picloram	10.663	11.878	15679.4E6	10689.3E6	733.128	759.551m
16) T	DCPA	11.144	11.878	14638.8E6	10255.8E6	735.194	759.096m

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

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Data File : PS030372.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 May 2025 11:02
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

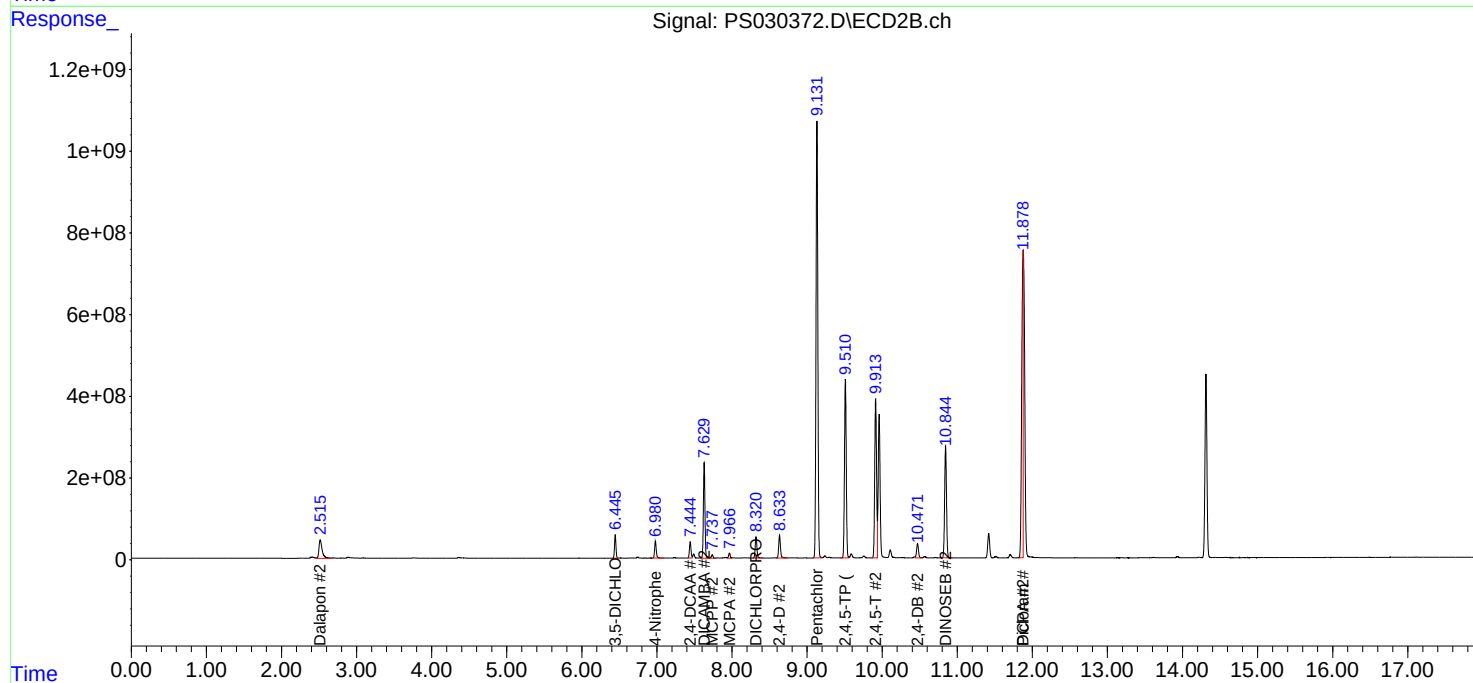
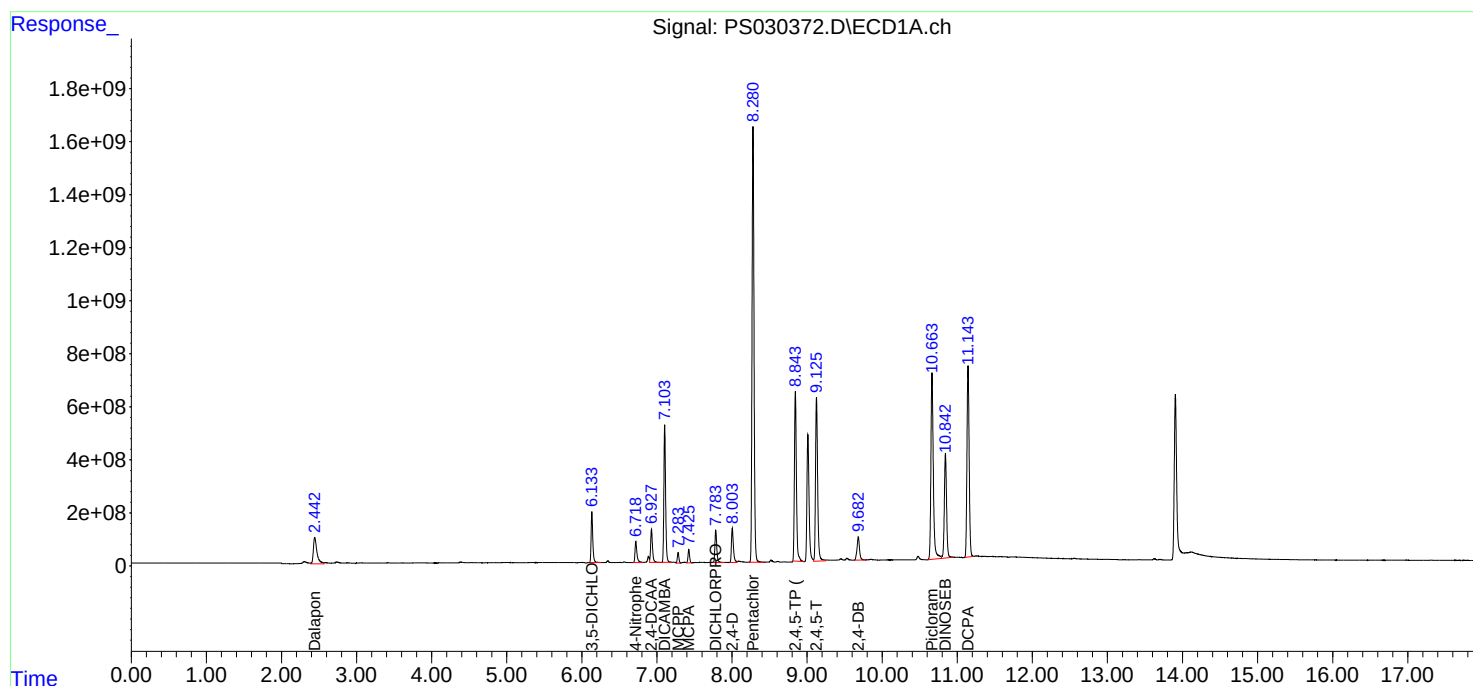
Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

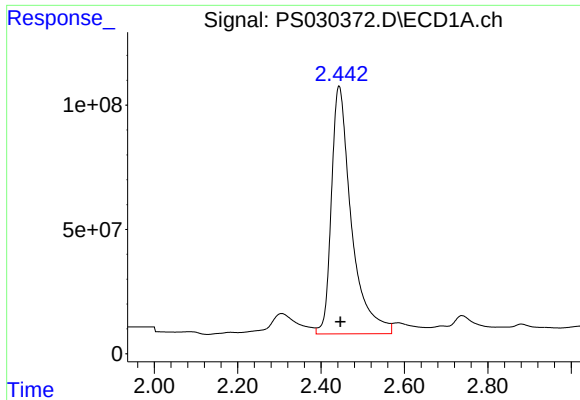
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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Quant Title : 8080.M
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Volume Inj. : 1 µl
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Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





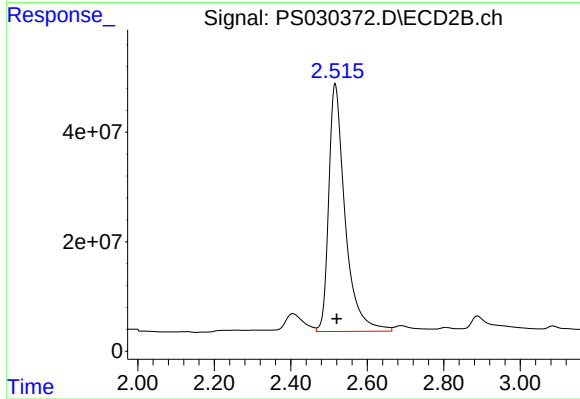
#1 Dalapon

R.T.: 2.443 min
Delta R.T.: -0.003 min
Response: 3318603607
Conc: 675.15 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

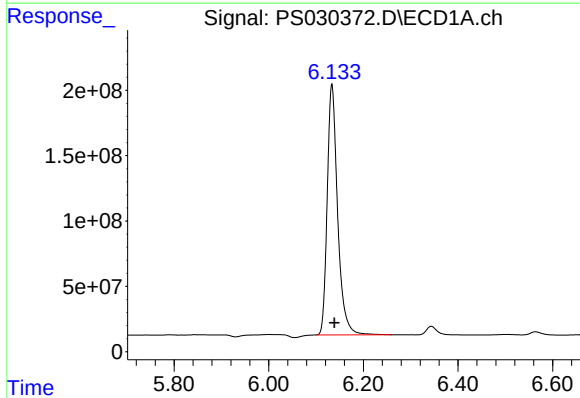
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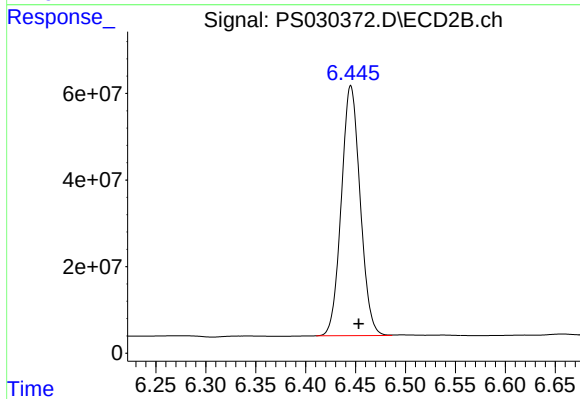
#1 Dalapon

R.T.: 2.516 min
Delta R.T.: -0.004 min
Response: 1339889206
Conc: 659.70 ng/ml



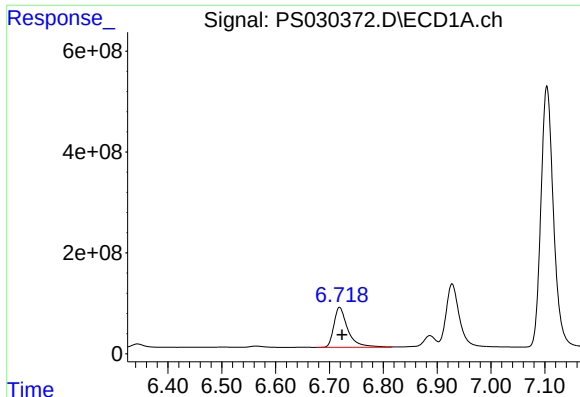
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.134 min
Delta R.T.: -0.005 min
Response: 2924112874
Conc: 701.13 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.445 min
Delta R.T.: -0.008 min
Response: 758402468
Conc: 650.53 ng/ml



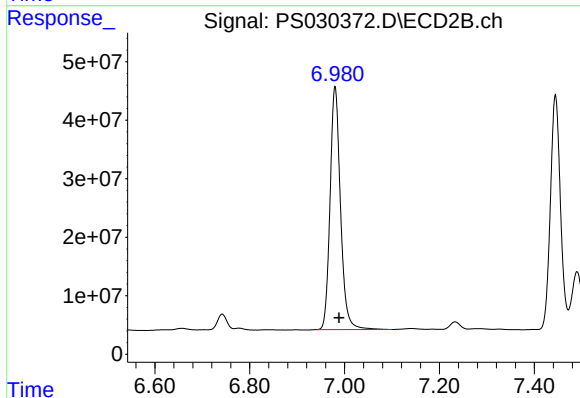
#3 4-Nitrophenol

R.T.: 6.719 min
Delta R.T.: -0.005 min
Response: 1431597981
Conc: 693.06 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

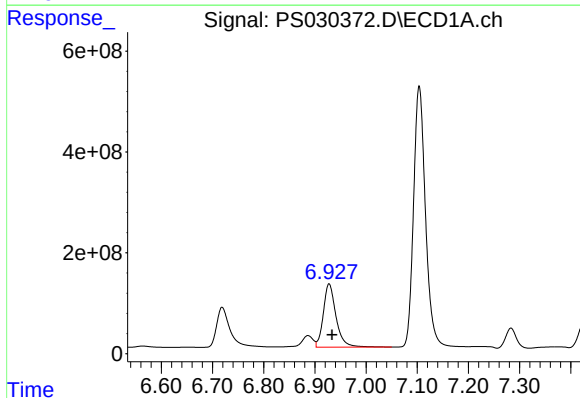
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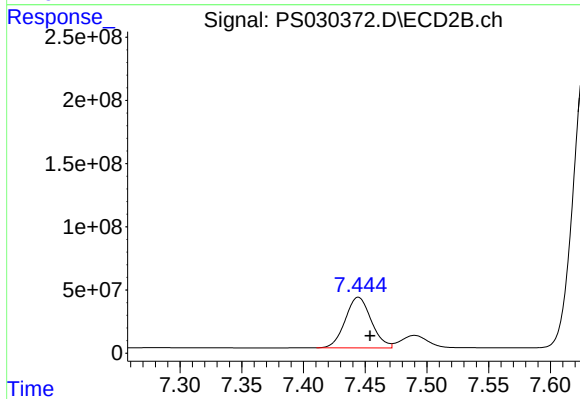
#3 4-Nitrophenol

R.T.: 6.980 min
Delta R.T.: -0.009 min
Response: 633668648
Conc: 606.94 ng/ml



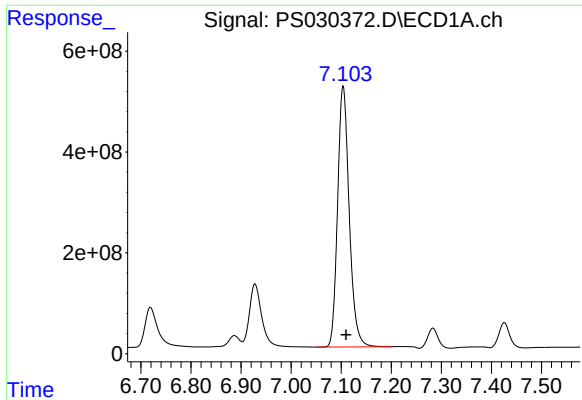
#4 2,4-DCAA

R.T.: 6.928 min
Delta R.T.: -0.006 min
Response: 2149501321
Conc: 754.79 ng/ml



#4 2,4-DCAA

R.T.: 7.444 min
Delta R.T.: -0.010 min
Response: 588113710
Conc: 734.96 ng/ml



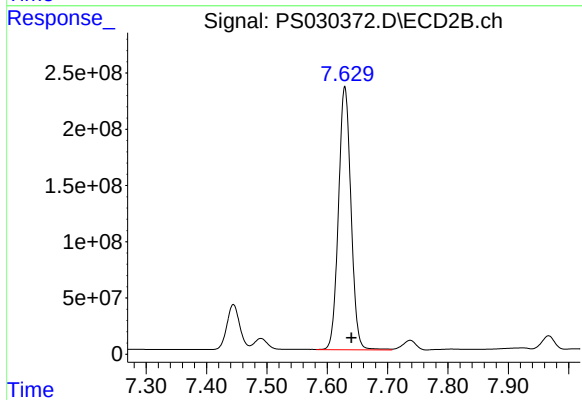
#5 DICAMBA

R.T.: 7.104 min
Delta R.T.: -0.006 min
Response: 8323136831
Conc: 720.16 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

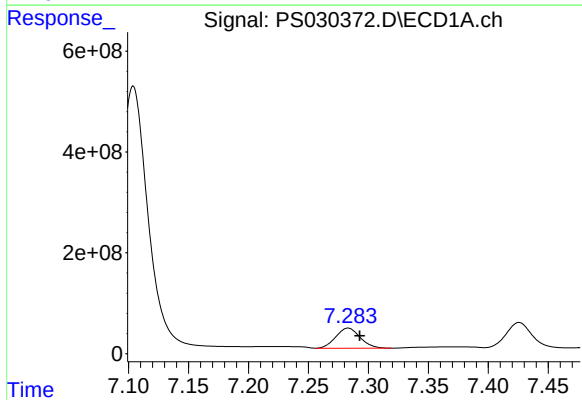
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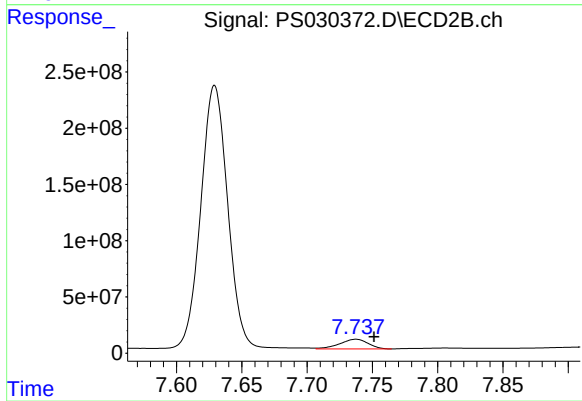
#5 DICAMBA

R.T.: 7.629 min
Delta R.T.: -0.011 min
Response: 3370660694
Conc: 712.92 ng/ml



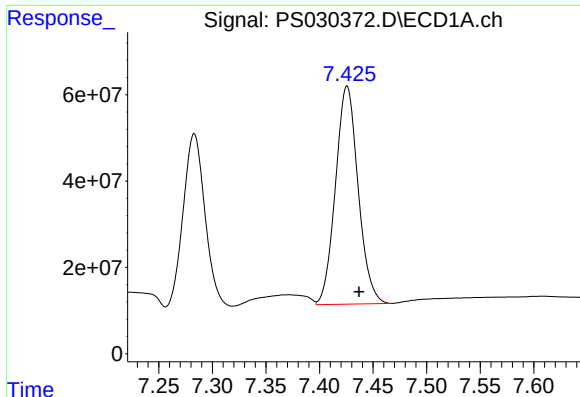
#6 MCPP

R.T.: 7.283 min
Delta R.T.: -0.010 min
Response: 562375957
Conc: 77.22 ug/ml



#6 MCPP

R.T.: 7.737 min
Delta R.T.: -0.014 min
Response: 129900415
Conc: 70.61 ug/ml



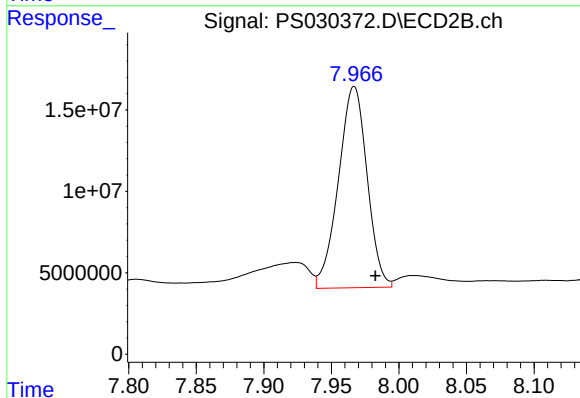
#7 MCPA

R.T.: 7.426 min
Delta R.T.: -0.011 min
Response: 743879208
Conc: 71.66 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

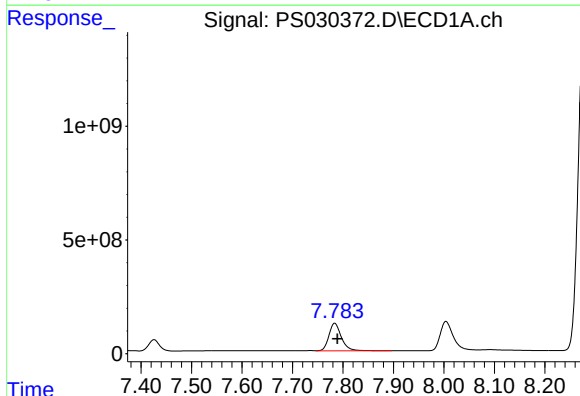
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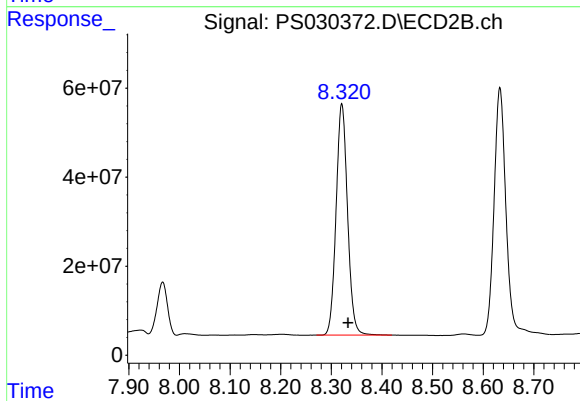
#7 MCPA

R.T.: 7.967 min
Delta R.T.: -0.016 min
Response: 182328563
Conc: 69.12 ug/ml



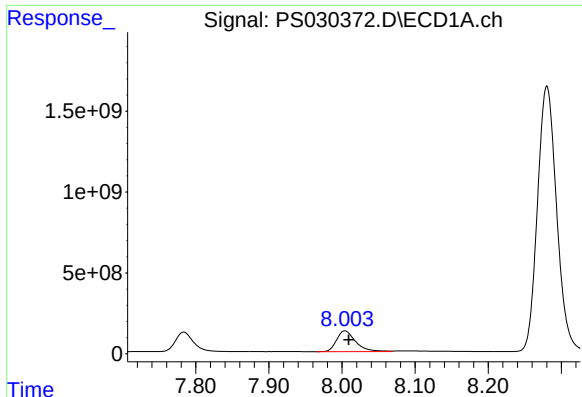
#8 DICHLORPROP

R.T.: 7.784 min
Delta R.T.: -0.006 min
Response: 2081486574
Conc: 712.51 ng/ml



#8 DICHLORPROP

R.T.: 8.321 min
Delta R.T.: -0.012 min
Response: 815589024
Conc: 690.34 ng/ml



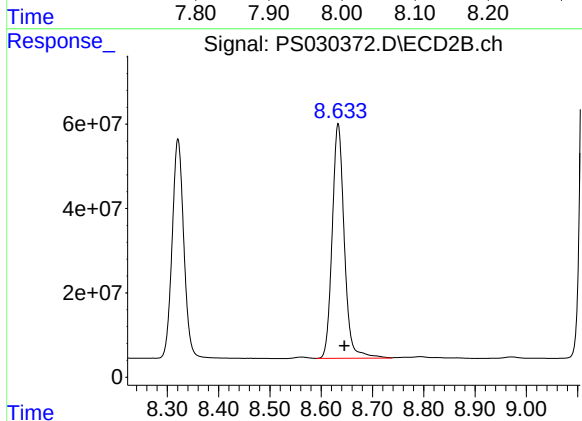
#9 2,4-D

R.T.: 8.004 min
Delta R.T.: -0.005 min
Response: 2341453087
Conc: 714.09 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

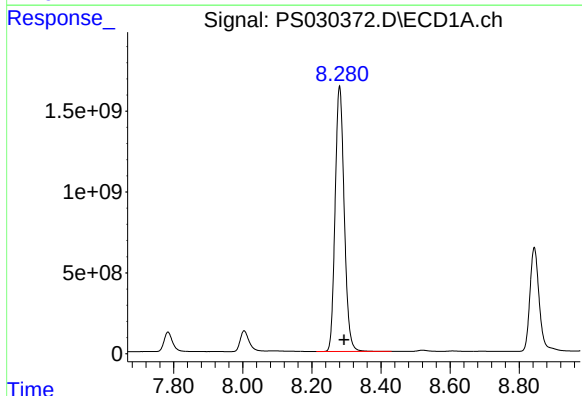
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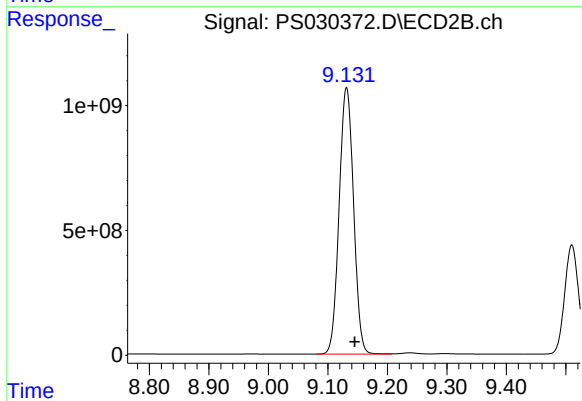
#9 2,4-D

R.T.: 8.633 min
Delta R.T.: -0.012 min
Response: 912683269
Conc: 707.23 ng/ml



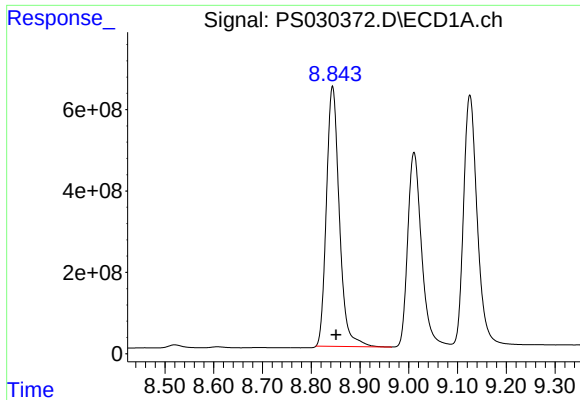
#10 Pentachlorophenol

R.T.: 8.280 min
Delta R.T.: -0.013 min
Response: 29917300699
Conc: 738.68 ng/ml



#10 Pentachlorophenol

R.T.: 9.131 min
Delta R.T.: -0.014 min
Response: 18006524856
Conc: 729.45 ng/ml



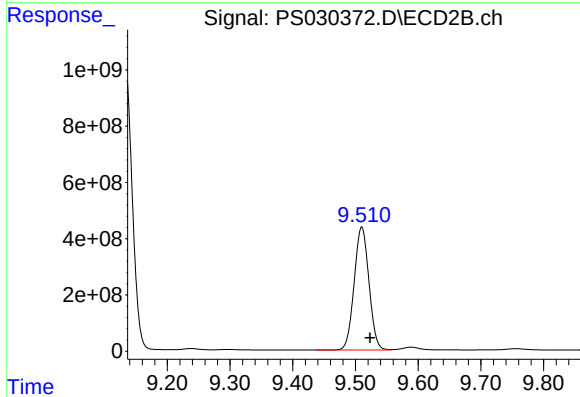
#11 2,4,5-TP (SILVEX)

R.T.: 8.844 min
Delta R.T.: -0.007 min
Response: 11769048971
Conc: 726.66 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

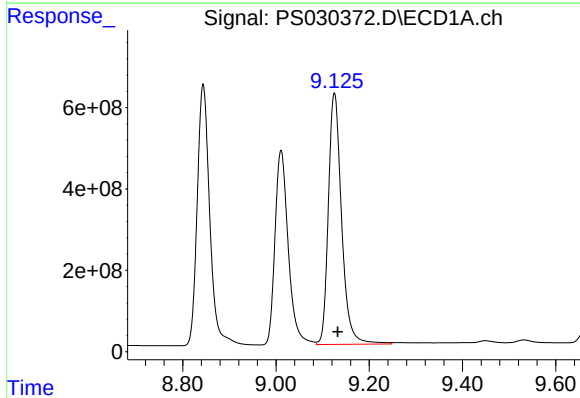
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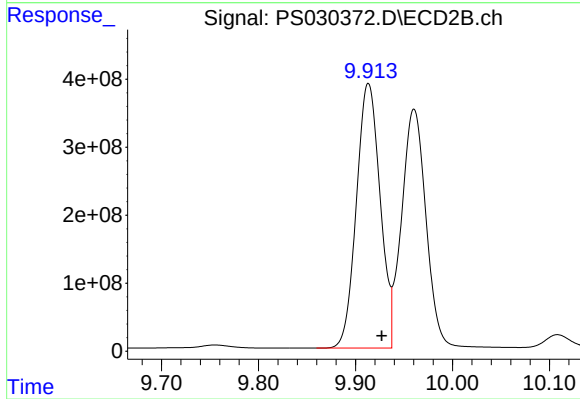
#11 2,4,5-TP (SILVEX)

R.T.: 9.510 min
Delta R.T.: -0.013 min
Response: 7148560300
Conc: 725.71 ng/ml



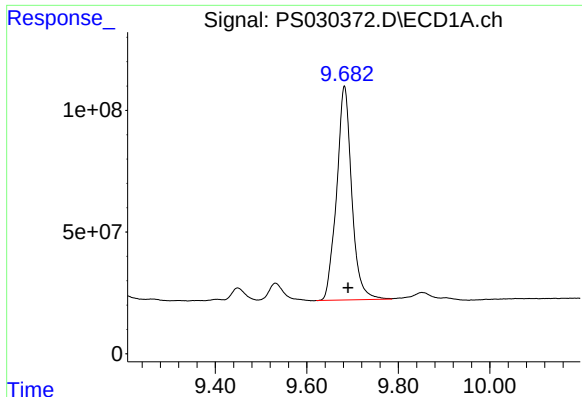
#12 2,4,5-T

R.T.: 9.125 min
Delta R.T.: -0.008 min
Response: 12149824006
Conc: 735.68 ng/ml



#12 2,4,5-T

R.T.: 9.913 min
Delta R.T.: -0.014 min
Response: 6616629862
Conc: 718.92 ng/ml



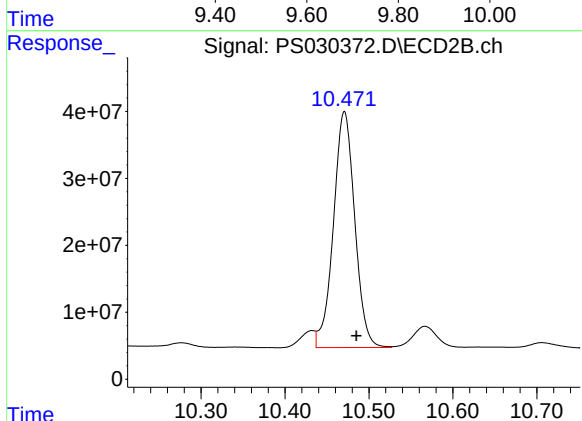
#13 2,4-DB

R.T.: 9.682 min
Delta R.T.: -0.008 min
Response: 2017057735
Conc: 772.89 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

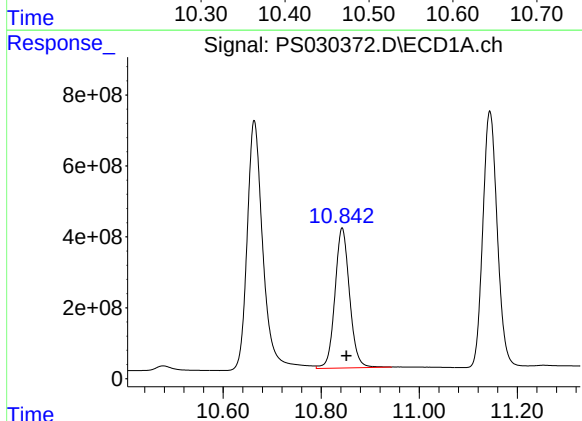
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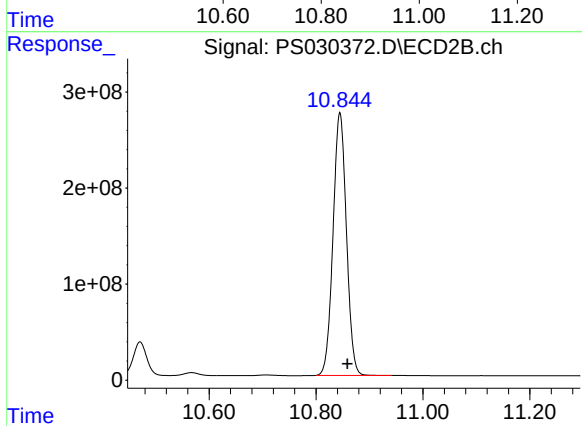
#13 2,4-DB

R.T.: 10.471 min
Delta R.T.: -0.014 min
Response: 622154181
Conc: 626.94 ng/ml



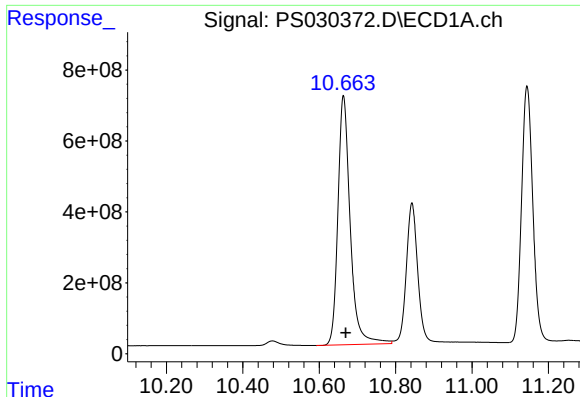
#14 DINOSEB

R.T.: 10.843 min
Delta R.T.: -0.009 min
Response: 8175929619
Conc: 714.91 ng/ml



#14 DINOSEB

R.T.: 10.845 min
Delta R.T.: -0.014 min
Response: 4746940268
Conc: 694.81 ng/ml



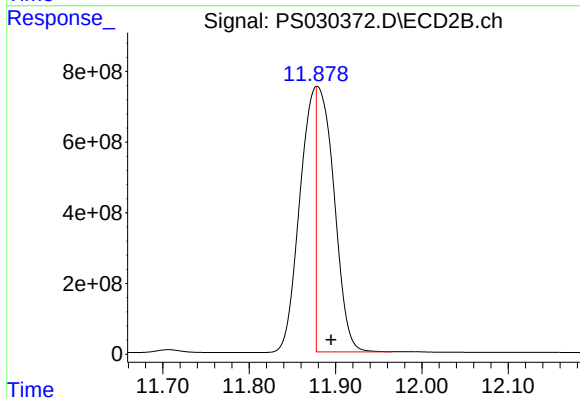
#15 Picloram

R.T.: 10.663 min
Delta R.T.: -0.007 min
Response: 15679384713
Conc: 733.13 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

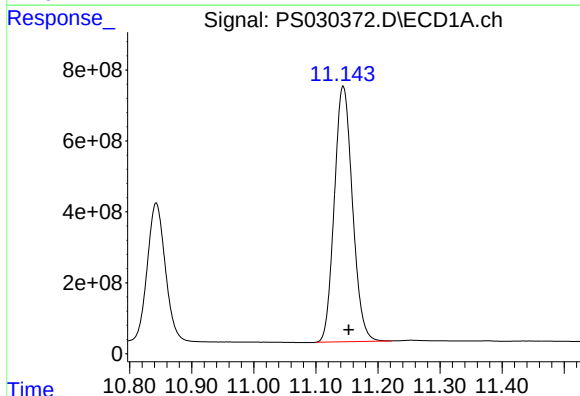
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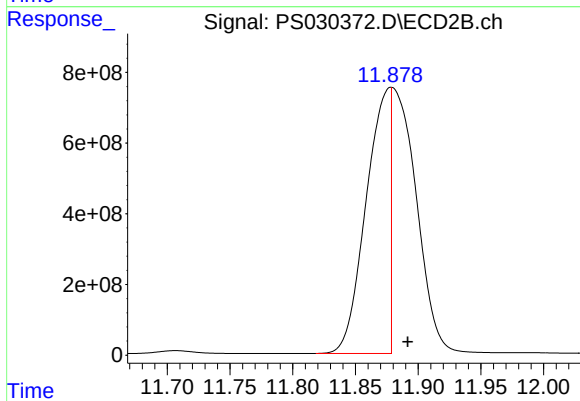
#15 Picloram

R.T.: 11.878 min
Delta R.T.: -0.017 min
Response: 10689253664
Conc: 759.55 ng/ml m



#16 DCPA

R.T.: 11.144 min
Delta R.T.: -0.009 min
Response: 14638804565
Conc: 735.19 ng/ml



#16 DCPA

R.T.: 11.878 min
Delta R.T.: -0.014 min
Response: 10255785233
Conc: 759.10 ng/ml m