

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS050825\
 Data File : PS030081.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 May 2025 12:45
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/09/2025
 Supervised By : mohammad ahmed 05/12/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 08 14:42:17 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS042325.M
 Quant Title : 8080.M
 QLast Update : Wed Apr 23 12:57:40 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 x 0.5 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	6.937	7.460	1879.6E6	549.1E6	763.731	779.399
Target Compounds							
1) T	Dalapon	2.448	2.523	2872.6E6	1212.2E6	701.447	698.198
2) T	3,5-DICHL...	6.142	6.458	2548.4E6	706.2E6	713.073	722.446
3) T	4-Nitroph...	6.727	6.994	1246.8E6	540.5E6	699.156	705.623
5) T	DICAMBA	7.113	7.646	7233.8E6	3051.9E6	730.480	772.631
6) T	MCP	7.292	7.753	441.6E6	122.2E6	68.534	69.892
7) T	MCPA	7.435	7.983	638.3E6	170.9E6	72.280	72.233
8) T	DICHLORPROP	7.793	8.339	1798.1E6	747.4E6	709.569	744.453
9) T	2,4-D	8.013	8.651	2020.9E6	826.2E6	718.452	733.057
10) T	Pentachlo...	8.291	9.153	25923.6E6	16078.3E6	743.115	790.288
11) T	2,4,5-TP ...	8.855	9.530	10245.8E6	6377.6E6	739.084	779.492
12) T	2,4,5-T	9.137	9.935	10486.0E6	5927.1E6	746.169	763.546
13) T	2,4-DB	9.694	10.493	1701.9E6	588.5E6	744.714	731.244
14) T	DINOSEB	10.857	10.867	6912.3E6	4312.5E6	679.448m	739.589
15) T	Picloram	10.676	11.904	12823.7E6	8075.3E6	699.580	657.405m
16) T	DCPA	11.158	11.900	12723.4E6	7711.1E6	747.509	684.112m

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

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Acq On : 08 May 2025 12:45
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

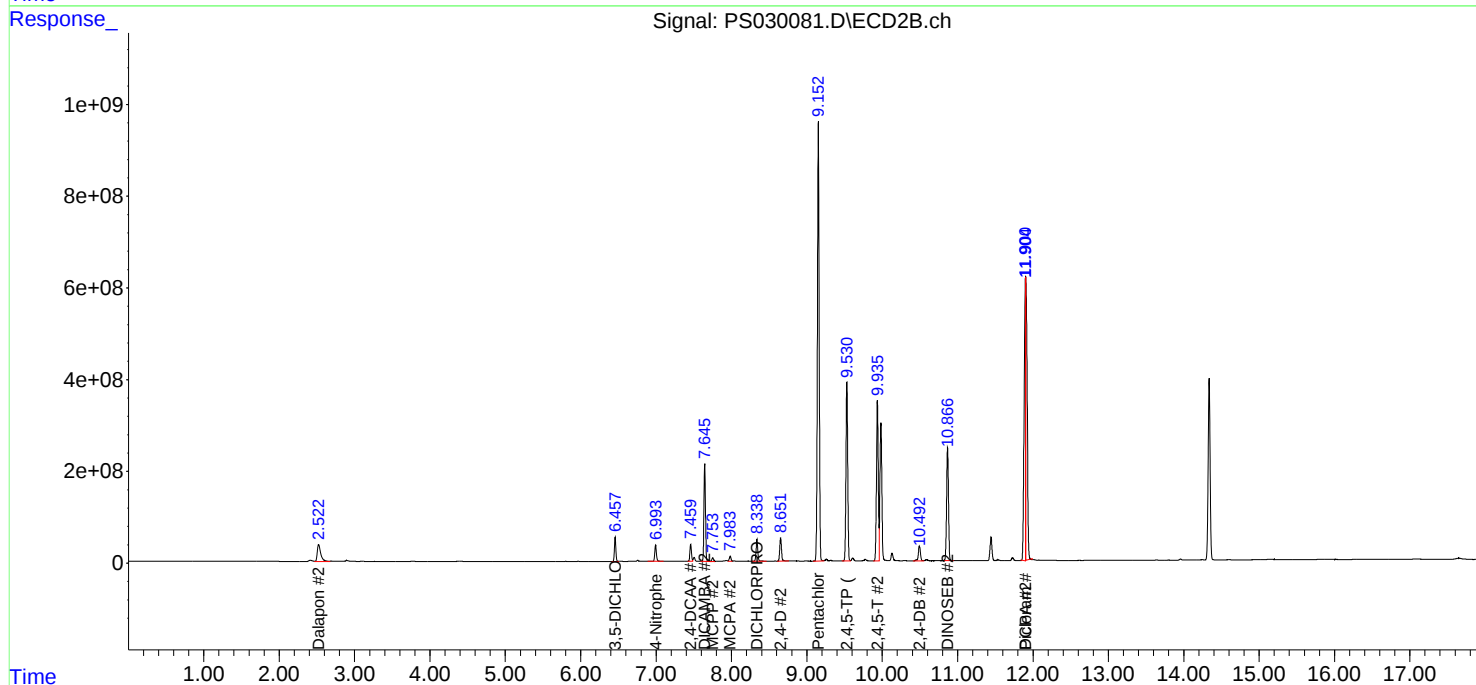
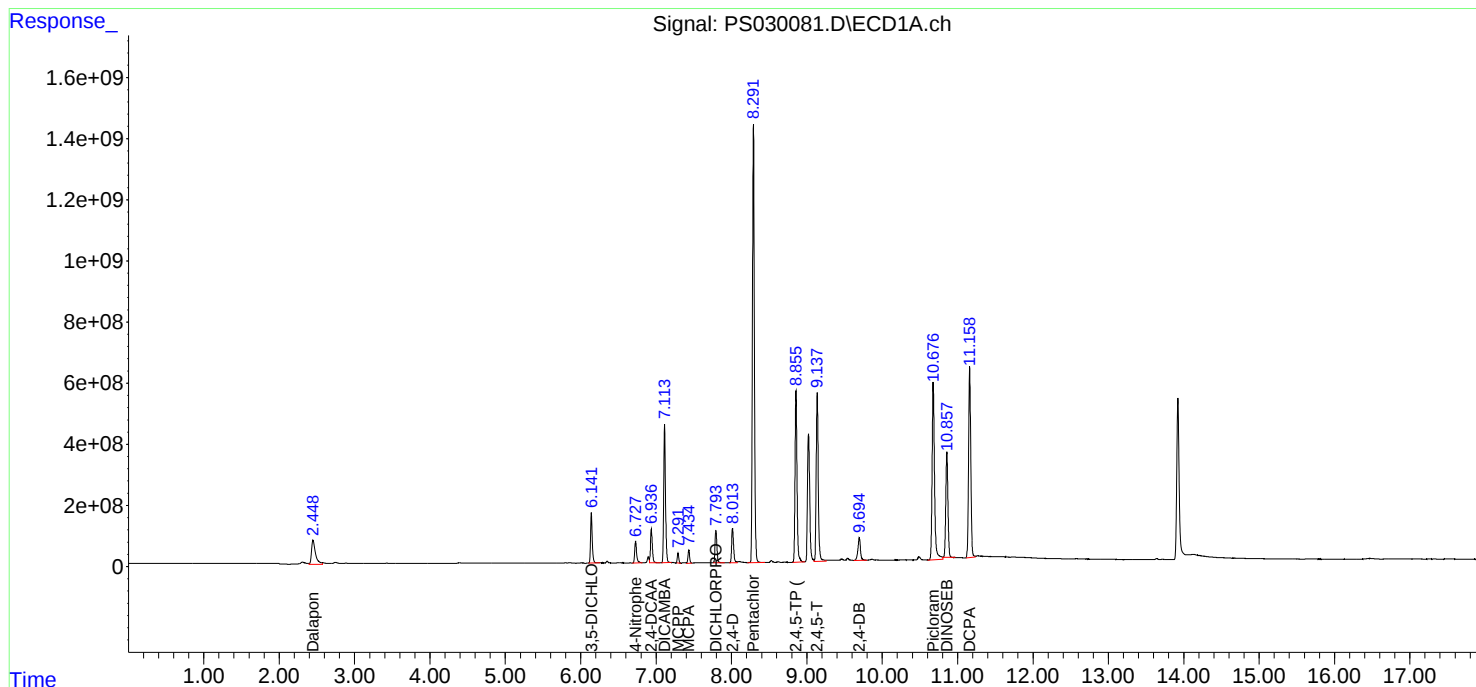
Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

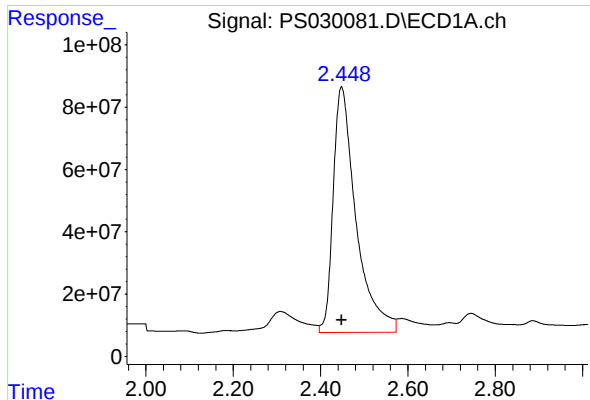
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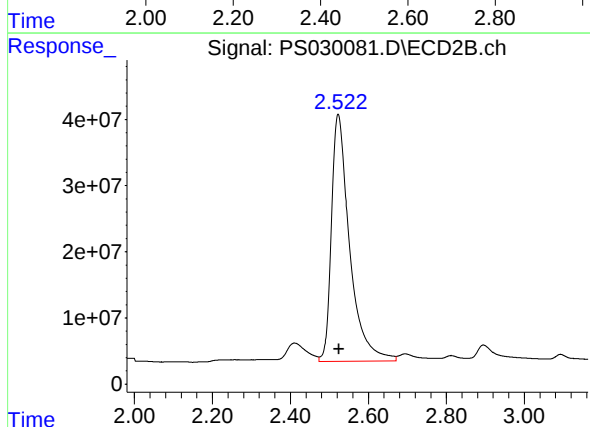
#1 Dalapon

R.T.: 2.448 min
Delta R.T.: 0.000 min
Response: 2872606567
Conc: 701.45 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

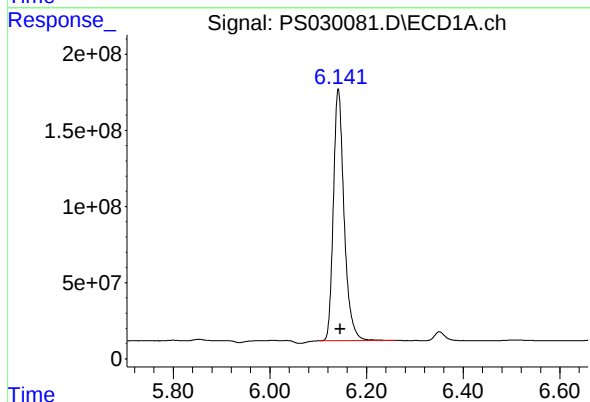
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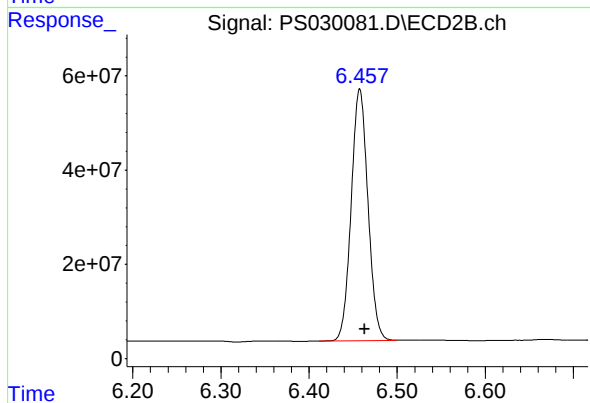
#1 Dalapon

R.T.: 2.523 min
Delta R.T.: -0.002 min
Response: 1212172724
Conc: 698.20 ng/ml



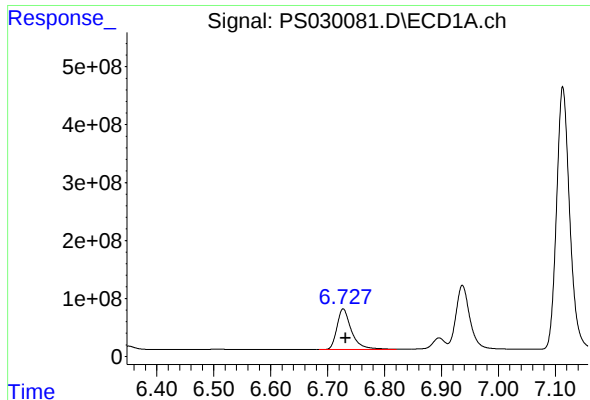
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.142 min
Delta R.T.: -0.004 min
Response: 2548368966
Conc: 713.07 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.458 min
Delta R.T.: -0.006 min
Response: 706248048
Conc: 722.45 ng/ml



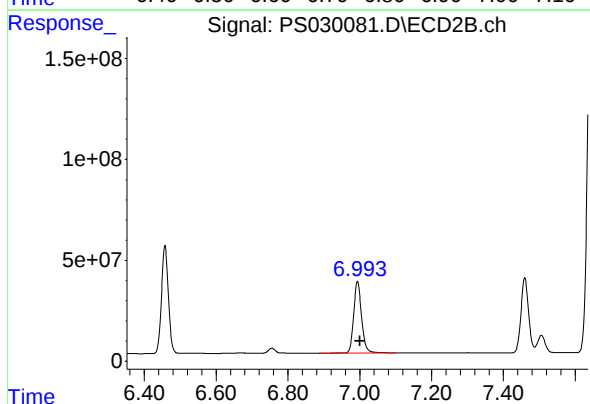
#3 4-Nitrophenol

R.T.: 6.727 min
Delta R.T.: -0.004 min
Response: 1246818736
Conc: 699.16 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

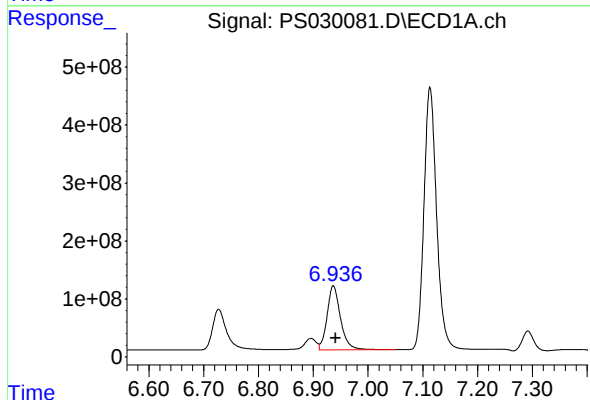
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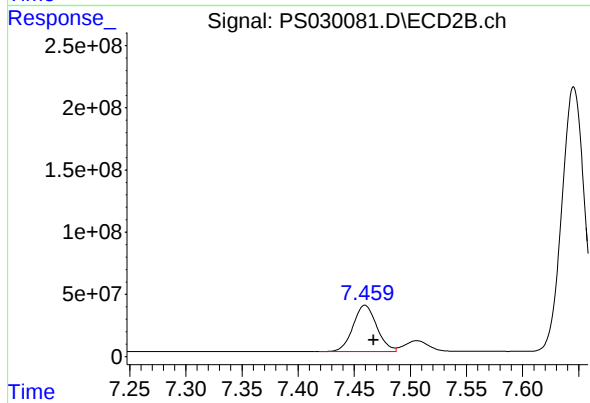
#3 4-Nitrophenol

R.T.: 6.994 min
Delta R.T.: -0.007 min
Response: 540452051
Conc: 705.62 ng/ml



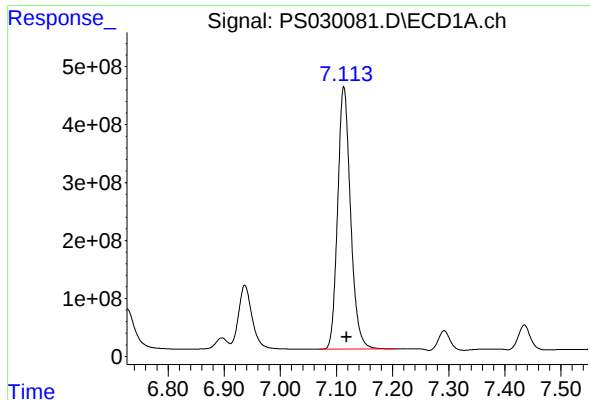
#4 2,4-DCAA

R.T.: 6.937 min
Delta R.T.: -0.005 min
Response: 1879602234
Conc: 763.73 ng/ml



#4 2,4-DCAA

R.T.: 7.460 min
Delta R.T.: -0.008 min
Response: 549099779
Conc: 779.40 ng/ml



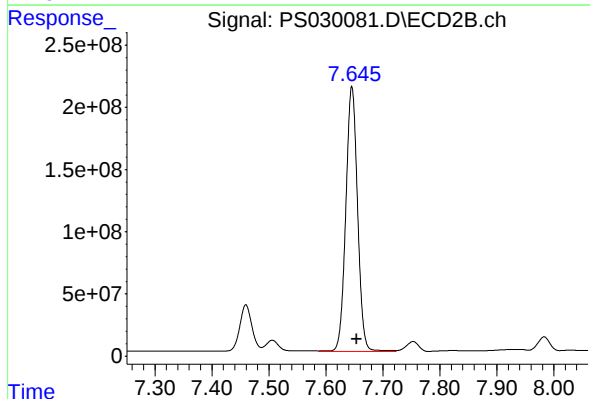
#5 DICAMBA

R.T.: 7.113 min
Delta R.T.: -0.005 min
Response: 7233842552
Conc: 730.48 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

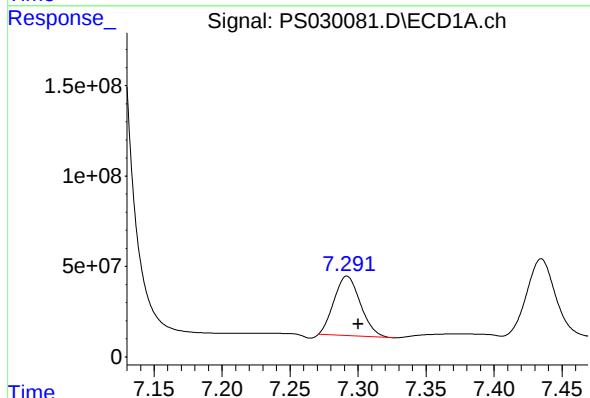
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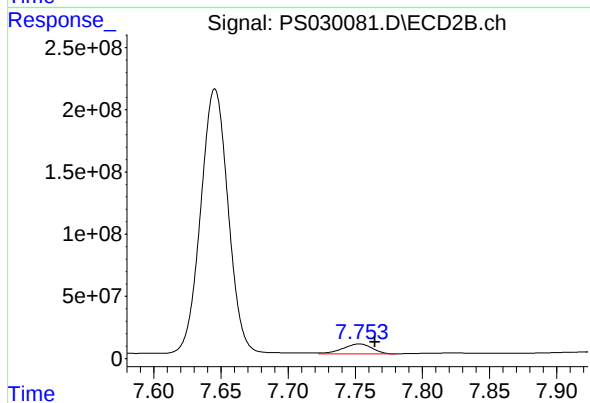
#5 DICAMBA

R.T.: 7.646 min
Delta R.T.: -0.008 min
Response: 3051943435
Conc: 772.63 ng/ml



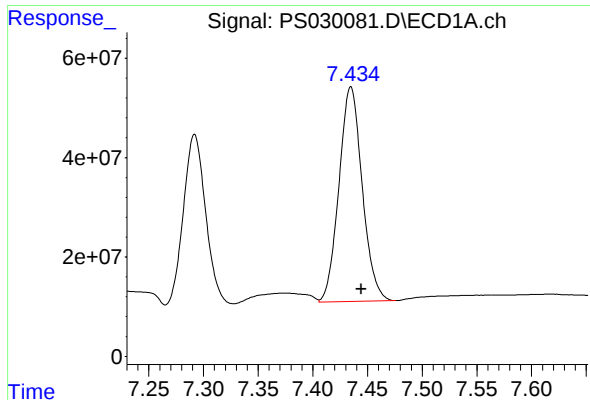
#6 MCPP

R.T.: 7.292 min
Delta R.T.: -0.008 min
Response: 441608791
Conc: 68.53 ug/ml



#6 MCPP

R.T.: 7.753 min
Delta R.T.: -0.012 min
Response: 122237803
Conc: 69.89 ug/ml



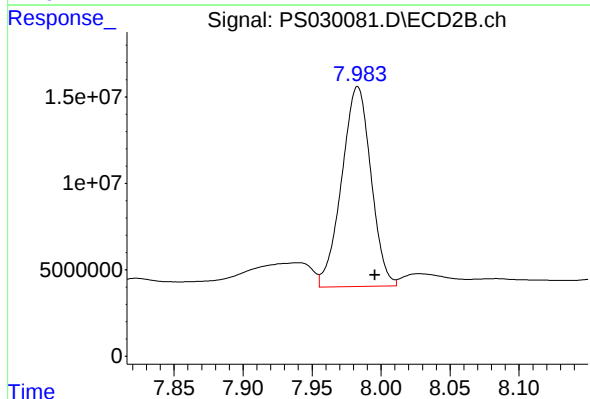
#7 MCPA

R.T.: 7.435 min
Delta R.T.: -0.010 min
Response: 638332614
Conc: 72.28 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

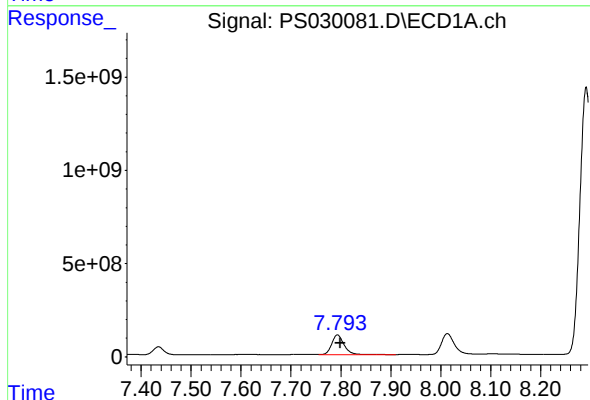
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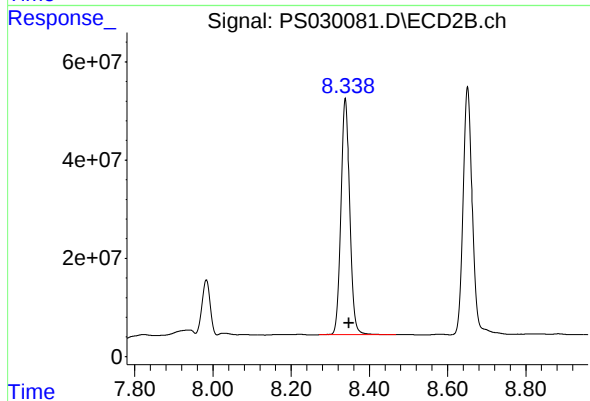
#7 MCPA

R.T.: 7.983 min
Delta R.T.: -0.013 min
Response: 170887911
Conc: 72.23 ug/ml



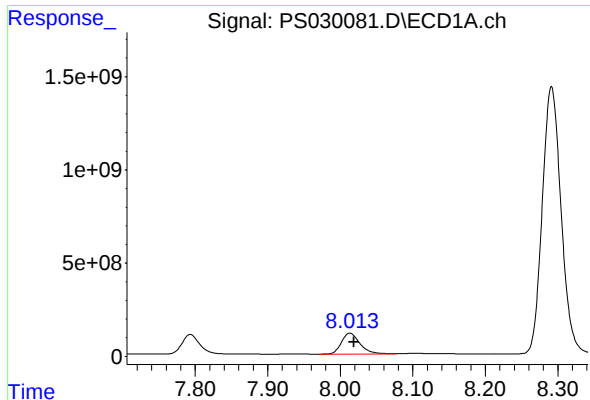
#8 DICHLORPROP

R.T.: 7.793 min
Delta R.T.: -0.006 min
Response: 1798123888
Conc: 709.57 ng/ml



#8 DICHLORPROP

R.T.: 8.339 min
Delta R.T.: -0.009 min
Response: 747404619
Conc: 744.45 ng/ml



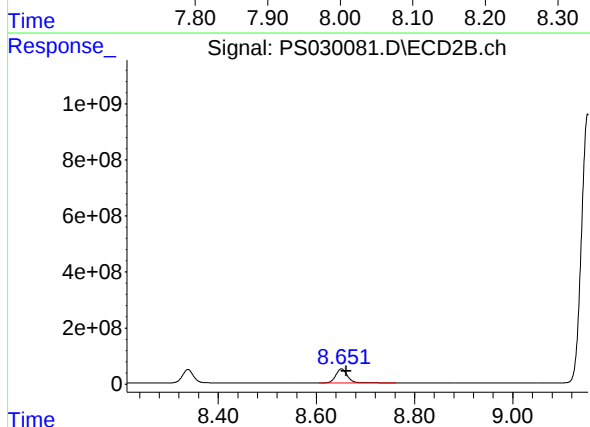
#9 2,4-D

R.T.: 8.013 min
Delta R.T.: -0.005 min
Response: 2020913879
Conc: 718.45 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

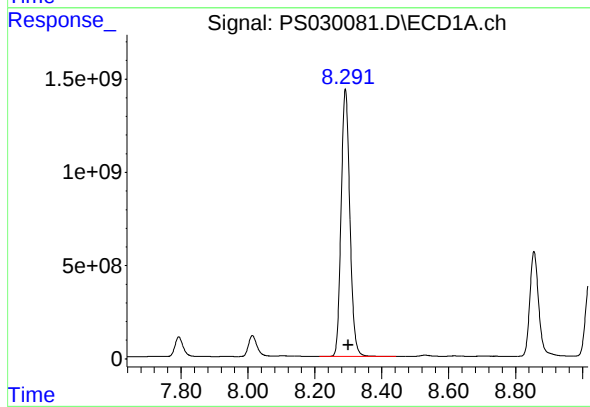
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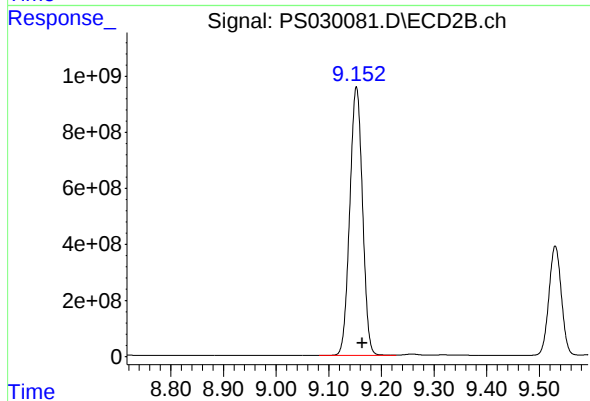
#9 2,4-D

R.T.: 8.651 min
Delta R.T.: -0.010 min
Response: 826233610
Conc: 733.06 ng/ml



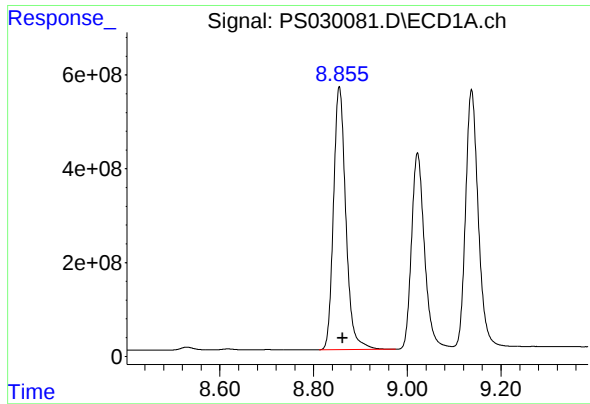
#10 Pentachlorophenol

R.T.: 8.291 min
Delta R.T.: -0.008 min
Response: 25923590091
Conc: 743.12 ng/ml



#10 Pentachlorophenol

R.T.: 9.153 min
Delta R.T.: -0.011 min
Response: 16078269557
Conc: 790.29 ng/ml



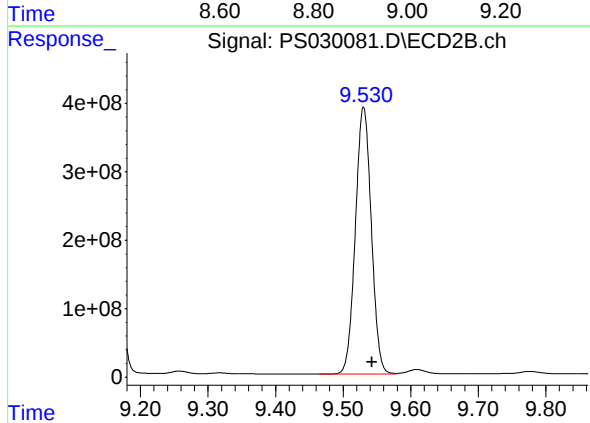
#11 2,4,5-TP (SILVEX)

R.T.: 8.855 min
Delta R.T.: -0.007 min
Response: 10245797939
Conc: 739.08 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

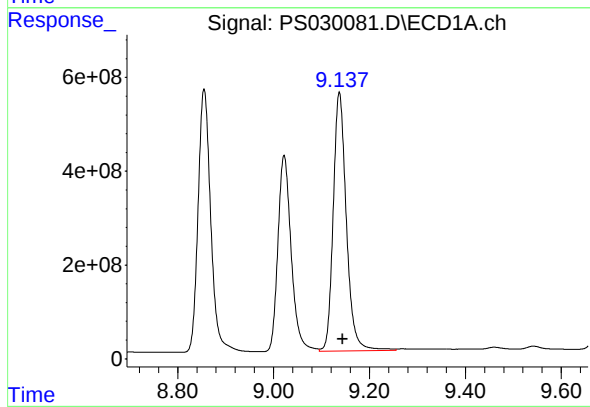
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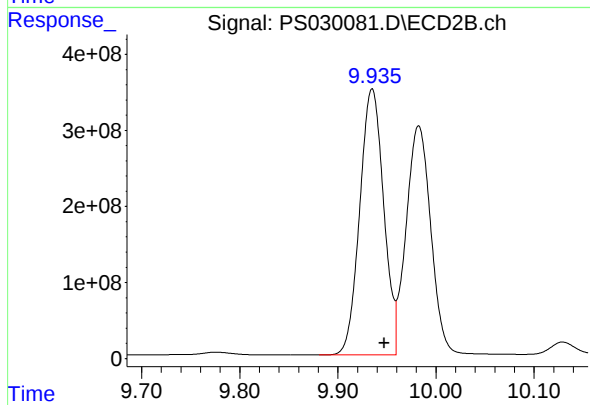
#11 2,4,5-TP (SILVEX)

R.T.: 9.530 min
Delta R.T.: -0.012 min
Response: 6377606857
Conc: 779.49 ng/ml



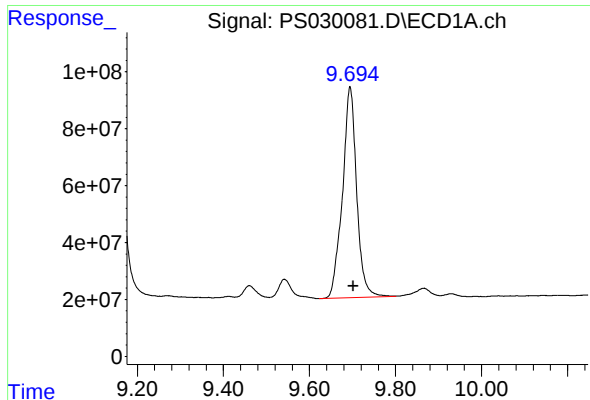
#12 2,4,5-T

R.T.: 9.137 min
Delta R.T.: -0.007 min
Response: 10485985231
Conc: 746.17 ng/ml



#12 2,4,5-T

R.T.: 9.935 min
Delta R.T.: -0.012 min
Response: 5927103217
Conc: 763.55 ng/ml



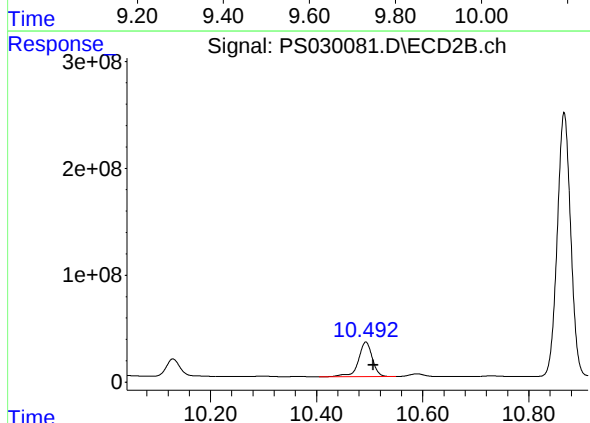
#13 2,4-DB

R.T.: 9.694 min
Delta R.T.: -0.008 min
Response: 1701936541
Conc: 744.71 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

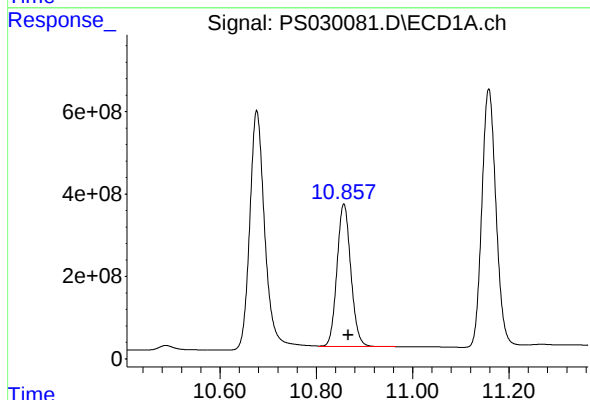
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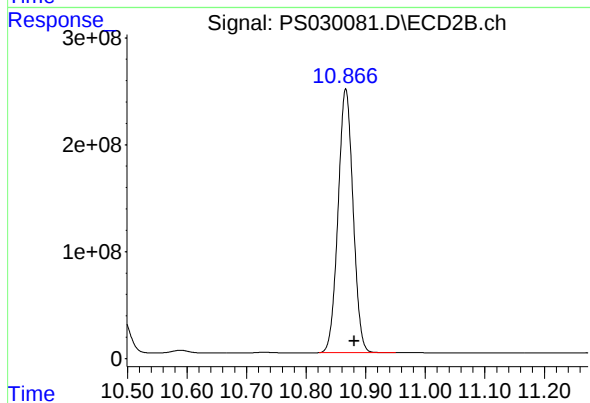
#13 2,4-DB

R.T.: 10.493 min
Delta R.T.: -0.014 min
Response: 588535870
Conc: 731.24 ng/ml



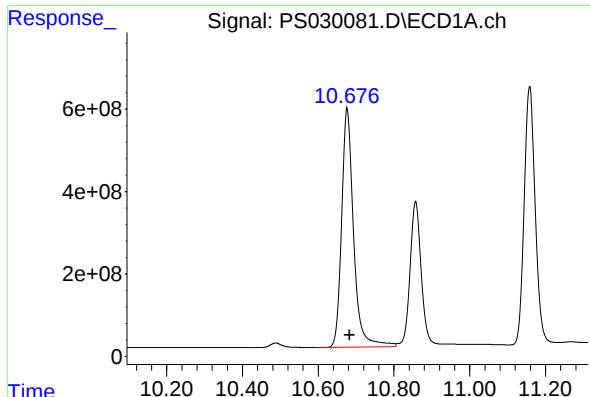
#14 DINOSEB

R.T.: 10.857 min
Delta R.T.: -0.009 min
Response: 6912310421
Conc: 679.45 ng/ml m



#14 DINOSEB

R.T.: 10.867 min
Delta R.T.: -0.015 min
Response: 4312527672
Conc: 739.59 ng/ml



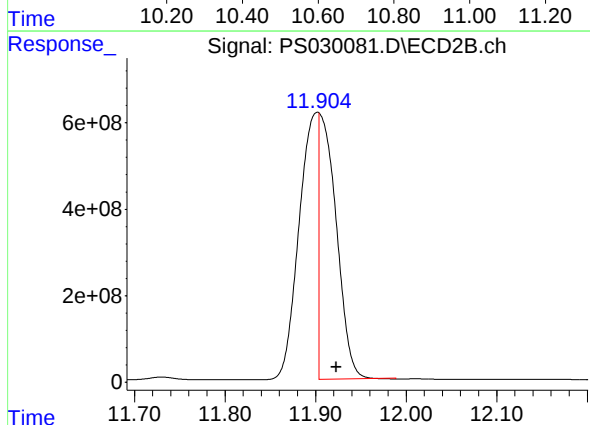
#15 Picloram

R.T.: 10.676 min
Delta R.T.: -0.007 min
Response: 12823737018
Conc: 699.58 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

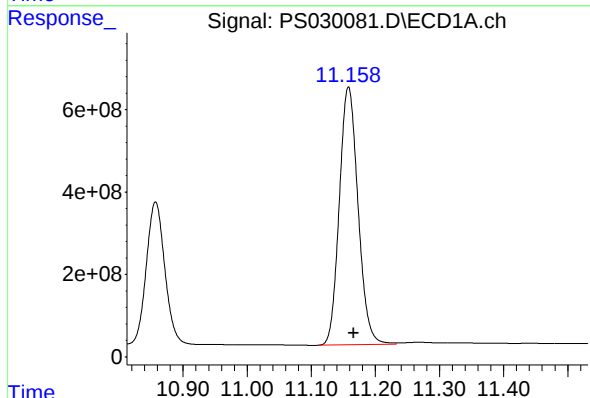
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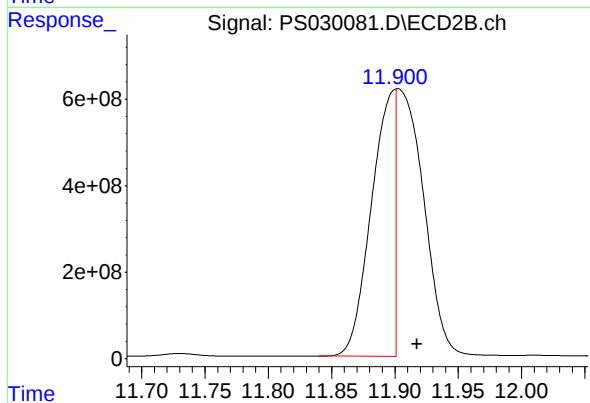
#15 Picloram

R.T.: 11.904 min
Delta R.T.: -0.019 min
Response: 8075328668
Conc: 657.41 ng/ml m



#16 DCPA

R.T.: 11.158 min
Delta R.T.: -0.008 min
Response: 12723353833
Conc: 747.51 ng/ml



#16 DCPA

R.T.: 11.900 min
Delta R.T.: -0.018 min
Response: 7711069038
Conc: 684.11 ng/ml m