

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS050825\
 Data File : PS030073.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 May 2025 09:28
 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 12:09:32 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 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	6.954	7.459	1748.6E6	510.0E6	710.515	723.850
Target Compounds							
1) T	Dalapon	2.465	2.521	2776.5E6	1143.0E6	677.986	658.342
2) T	3,5-DICHL...	6.159	6.457	2394.0E6	649.6E6	669.868	664.548
3) T	4-Nitroph...	6.745	6.994	1150.7E6	493.8E6	645.272	644.706
5) T	DICAMBA	7.130	7.645	6780.0E6	2783.9E6	684.655	704.769
6) T	MCP	7.309	7.752	392.9E6	115.1E6	60.976	65.806
7) T	MCPA	7.451	7.982	587.4E6	163.5E6	66.517	69.128
8) T	DICHLORPROP	7.811	8.338	1708.8E6	692.4E6	674.329	689.715
9) T	2,4-D	8.030	8.651	1914.3E6	760.8E6	680.537	674.964
10) T	Pentachlo...	8.308	9.151	24495.6E6	14742.7E6	702.181	724.644
11) T	2,4,5-TP ...	8.872	9.530	9709.2E6	5841.6E6	700.373	713.975
12) T	2,4,5-T	9.154	9.934	9789.7E6	5402.6E6	696.618	695.973
13) T	2,4-DB	9.713	10.493	1538.6E6	546.4E6	673.262	678.852
14) T	DINOSEB	10.874	10.866	6956.3E6	3968.4E6	683.769	680.569
15) T	Picloram	10.694	11.900	12244.9E6	9053.2E6	668.004	737.012m
16) T	DCPA	11.176	11.900	12058.5E6	8328.8E6	708.447	738.919m

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

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Acq On : 08 May 2025 09:28
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

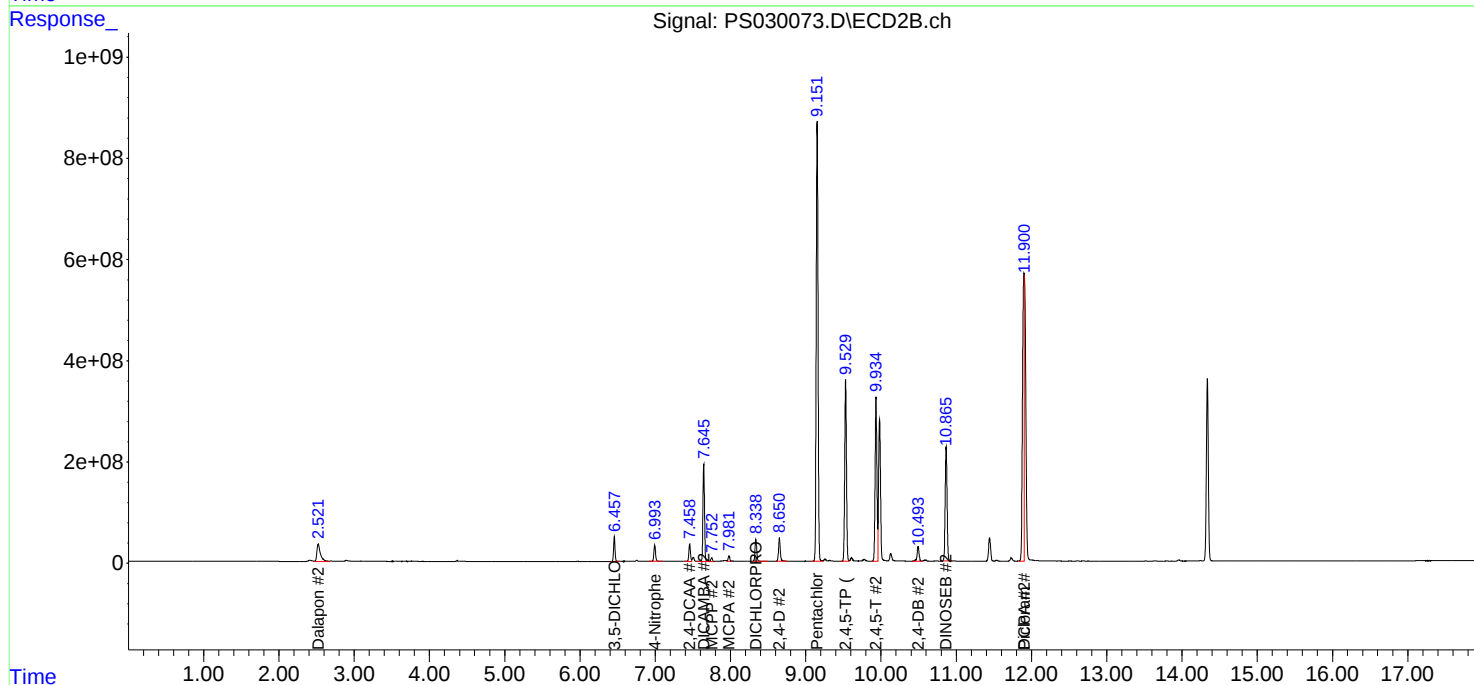
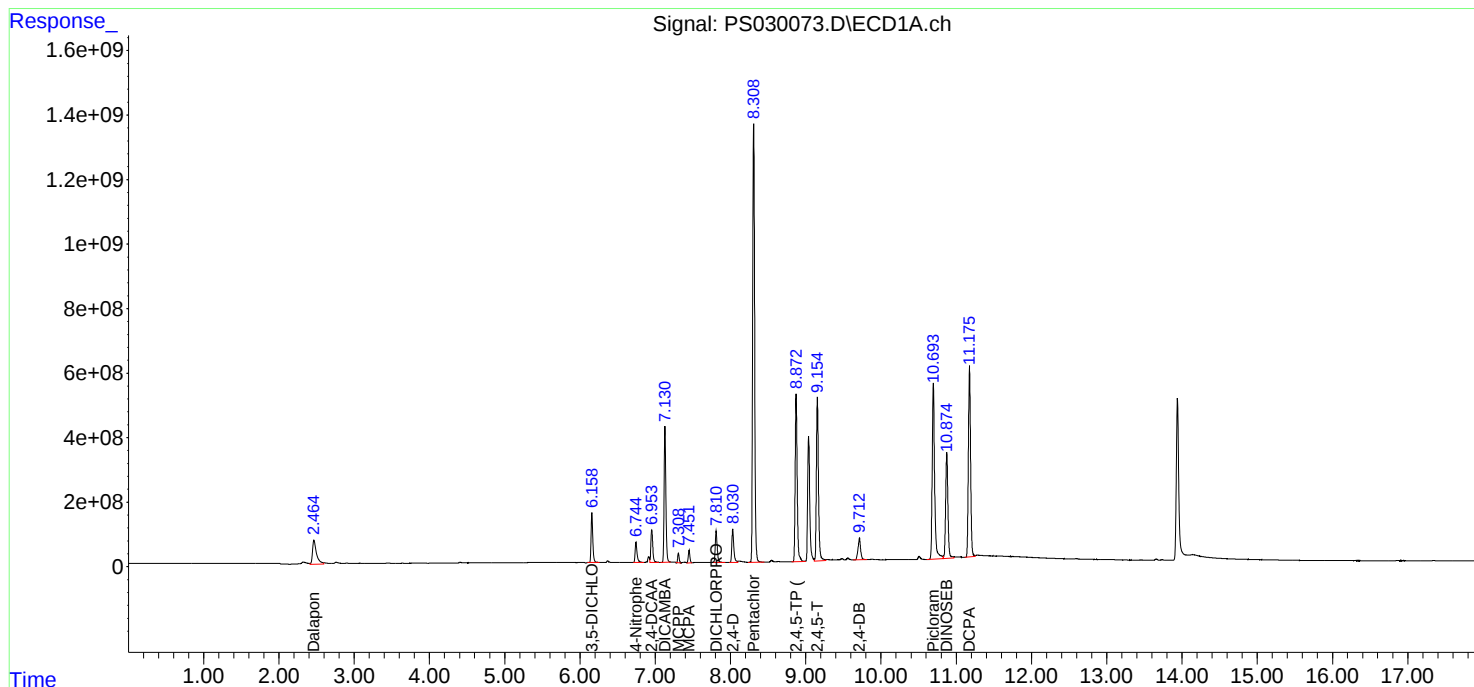
Instrument :
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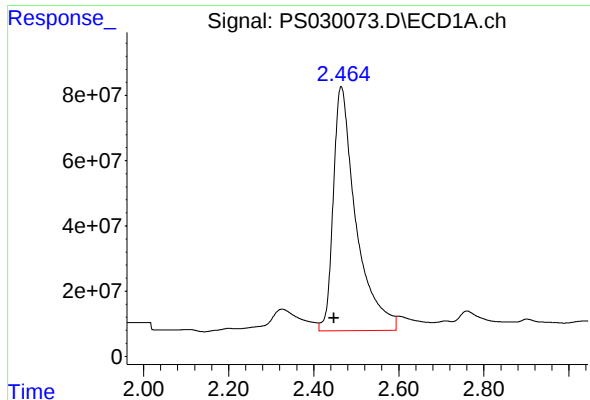
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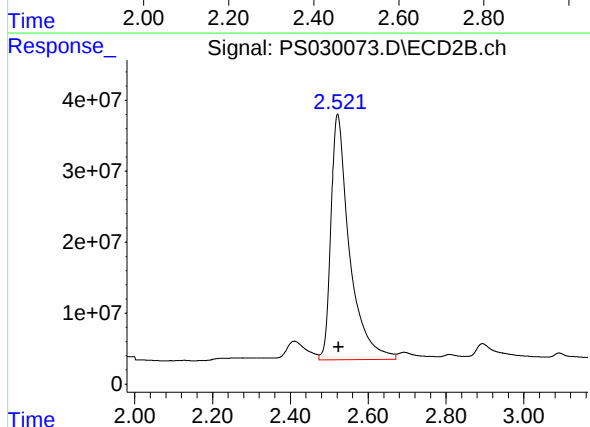
#1 Dalapon

R.T.: 2.465 min
Delta R.T.: 0.017 min
Response: 2776527952
Conc: 677.99 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

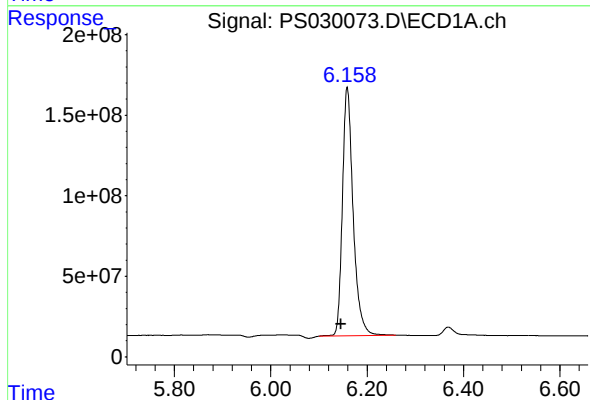
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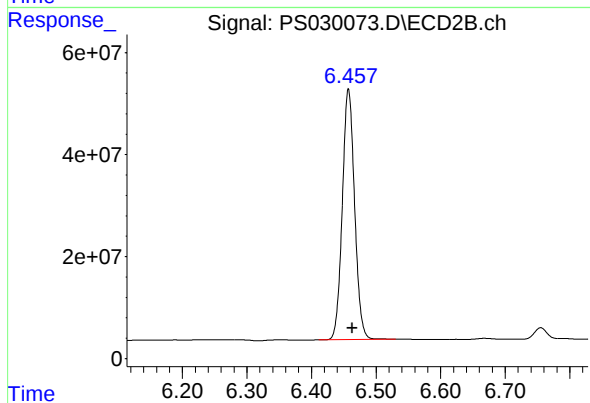
#1 Dalapon

R.T.: 2.521 min
Delta R.T.: -0.003 min
Response: 1142975769
Conc: 658.34 ng/ml



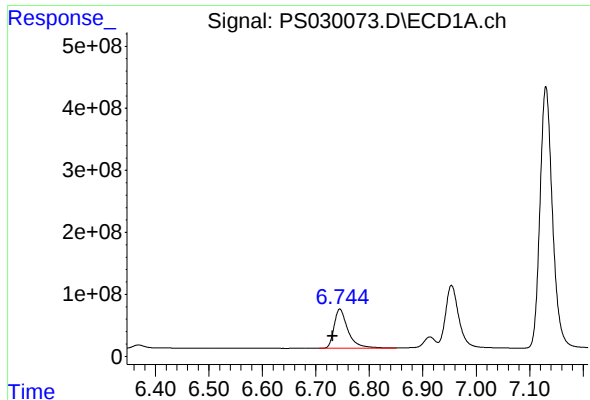
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.159 min
Delta R.T.: 0.013 min
Response: 2393963820
Conc: 669.87 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.457 min
Delta R.T.: -0.006 min
Response: 649647996
Conc: 664.55 ng/ml



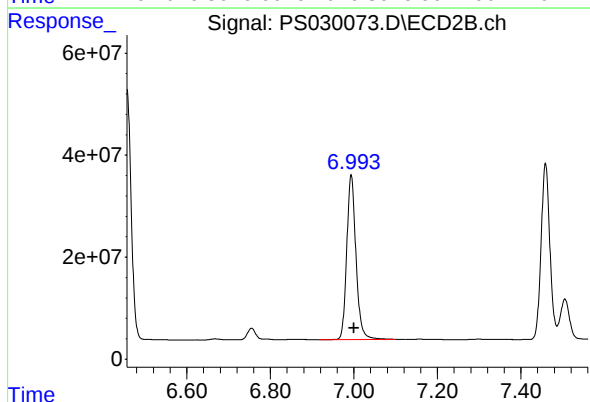
#3 4-Nitrophenol

R.T.: 6.745 min
Delta R.T.: 0.013 min
Response: 1150727179
Conc: 645.27 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

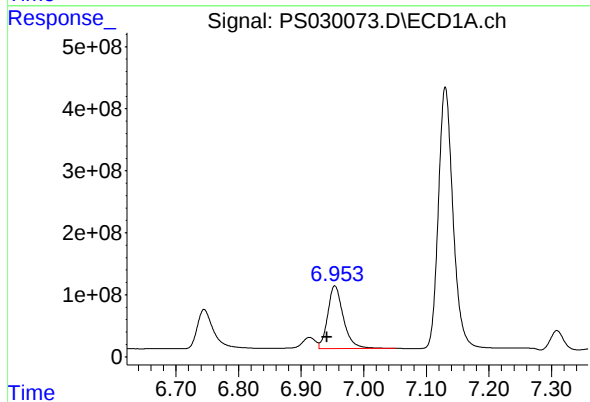
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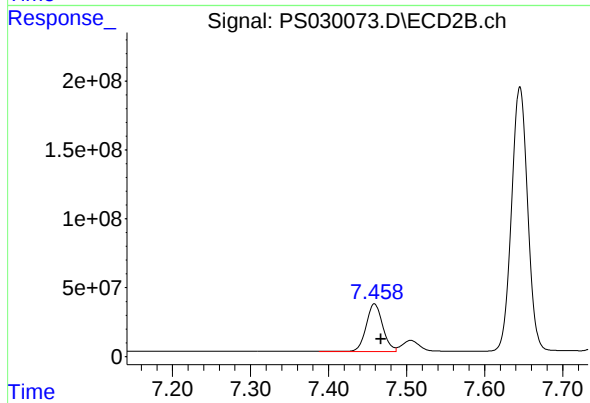
#3 4-Nitrophenol

R.T.: 6.994 min
Delta R.T.: -0.007 min
Response: 493794117
Conc: 644.71 ng/ml



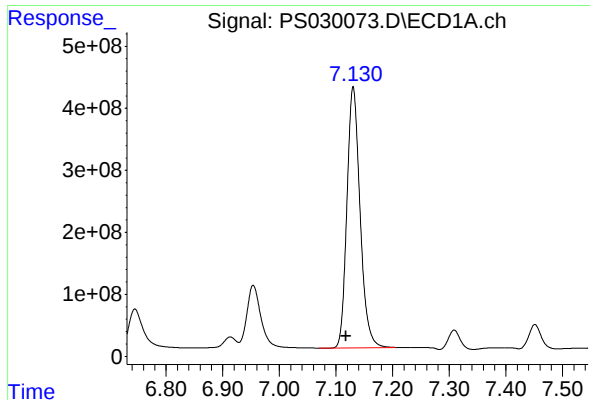
#4 2,4-DCAA

R.T.: 6.954 min
Delta R.T.: 0.012 min
Response: 1748634690
Conc: 710.52 ng/ml



#4 2,4-DCAA

R.T.: 7.459 min
Delta R.T.: -0.008 min
Response: 509964760
Conc: 723.85 ng/ml



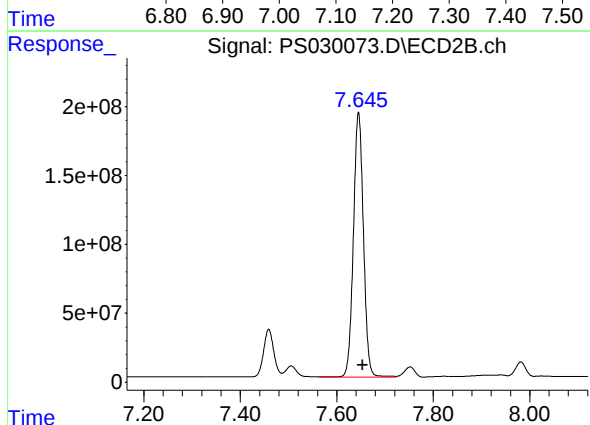
#5 DICAMBA

R.T.: 7.130 min
Delta R.T.: 0.012 min
Response: 6780044224
Conc: 684.65 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

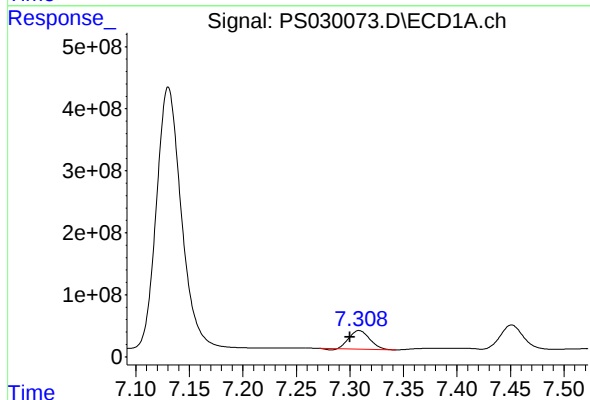
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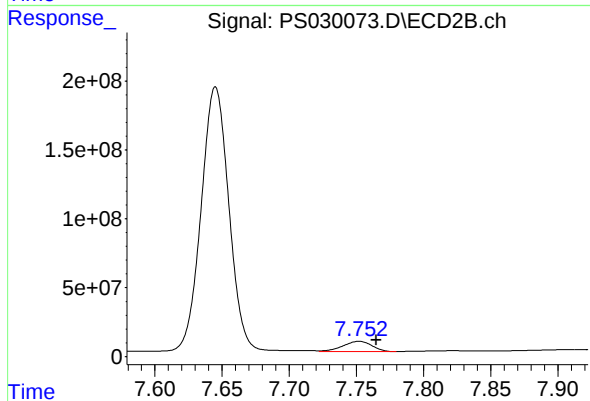
#5 DICAMBA

R.T.: 7.645 min
Delta R.T.: -0.008 min
Response: 2783881580
Conc: 704.77 ng/ml



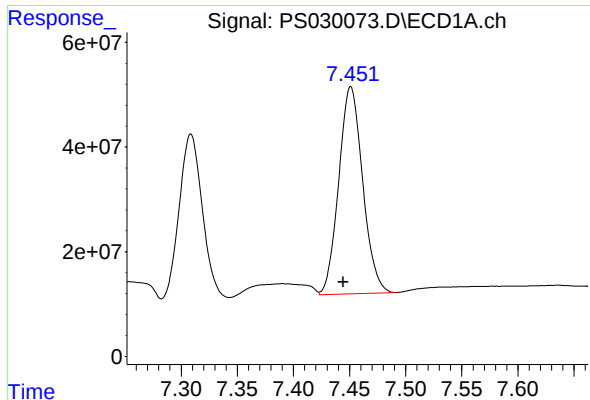
#6 MCP

R.T.: 7.309 min
Delta R.T.: 0.008 min
Response: 392906494
Conc: 60.98 ug/ml



#6 MCP

R.T.: 7.752 min
Delta R.T.: -0.013 min
Response: 115091721
Conc: 65.81 ug/ml



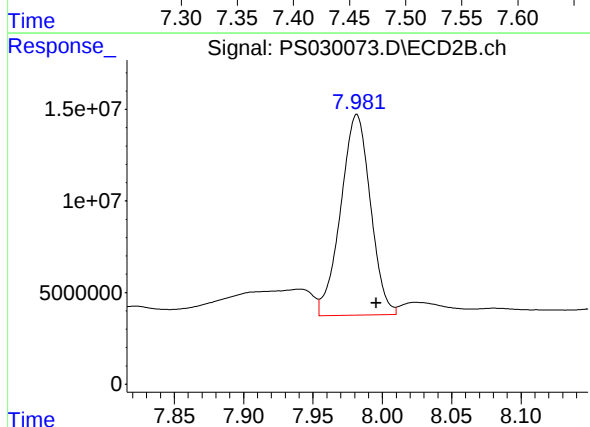
#7 MCPA

R.T.: 7.451 min
Delta R.T.: 0.007 min
Response: 587432178
Conc: 66.52 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

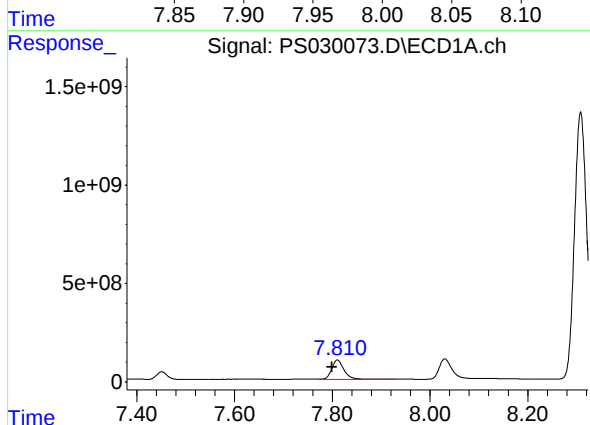
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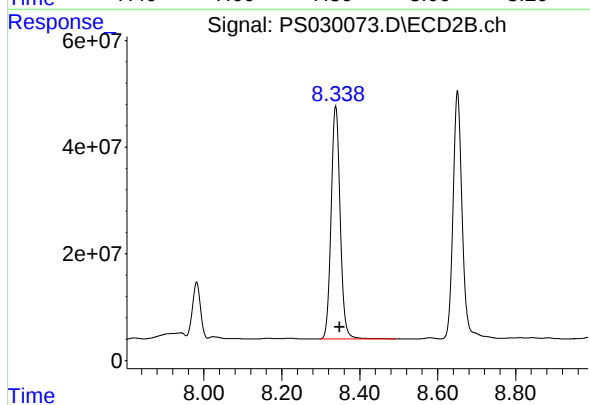
#7 MCPA

R.T.: 7.982 min
Delta R.T.: -0.014 min
Response: 163542823
Conc: 69.13 ug/ml



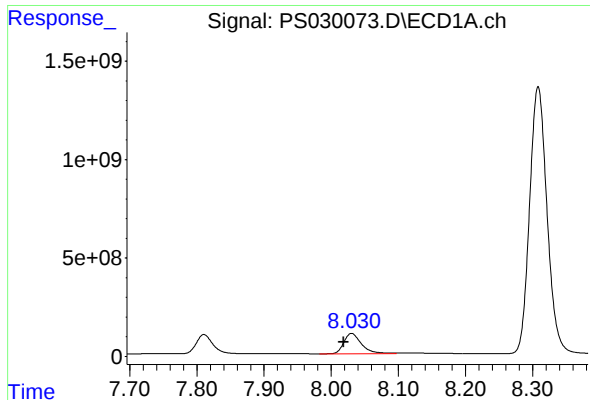
#8 DICHLORPROP

R.T.: 7.811 min
Delta R.T.: 0.012 min
Response: 1708821438
Conc: 674.33 ng/ml



#8 DICHLORPROP

R.T.: 8.338 min
Delta R.T.: -0.010 min
Response: 692448921
Conc: 689.71 ng/ml



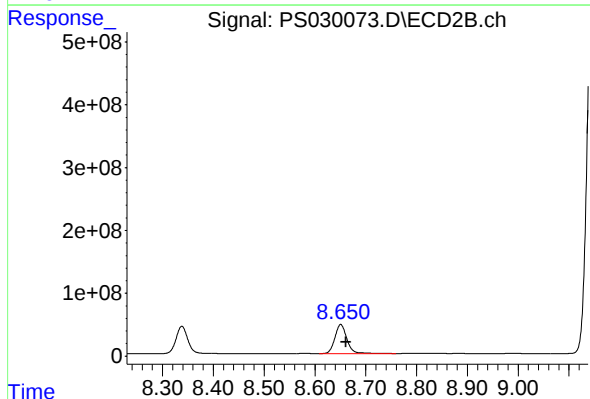
#9 2,4-D

R.T.: 8.030 min
Delta R.T.: 0.012 min
Response: 1914262957
Conc: 680.54 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

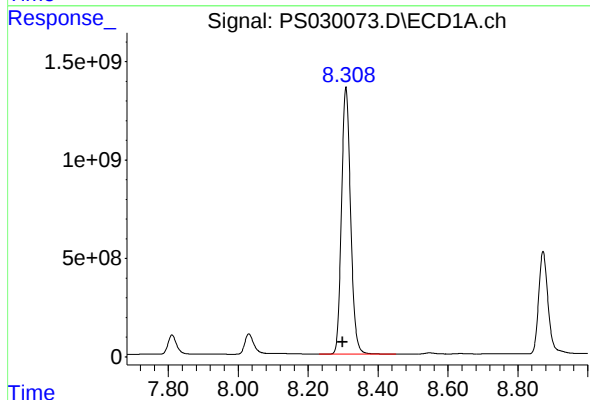
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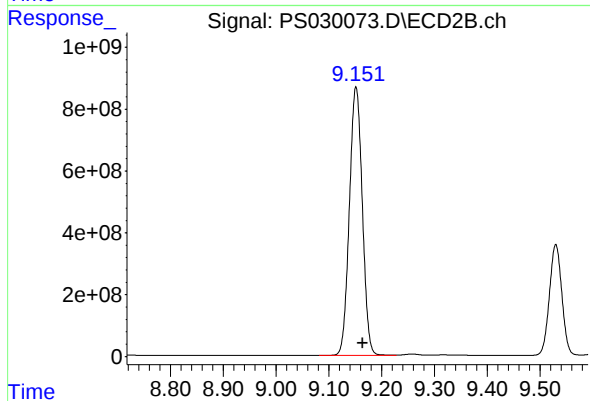
#9 2,4-D

R.T.: 8.651 min
Delta R.T.: -0.010 min
Response: 760756439
Conc: 674.96 ng/ml



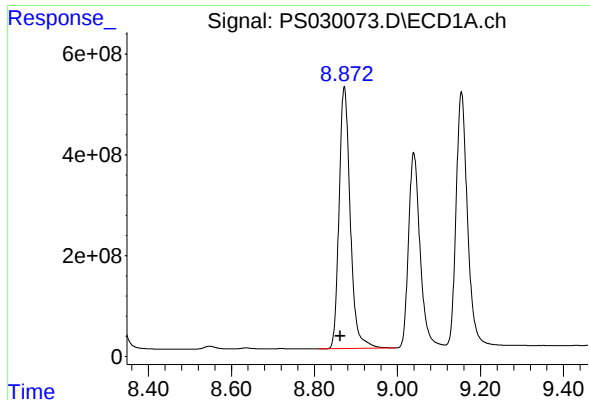
#10 Pentachlorophenol

R.T.: 8.308 min
Delta R.T.: 0.009 min
Response: 24495598922
Conc: 702.18 ng/ml



#10 Pentachlorophenol

R.T.: 9.151 min
Delta R.T.: -0.012 min
Response: 14742740697
Conc: 724.64 ng/ml



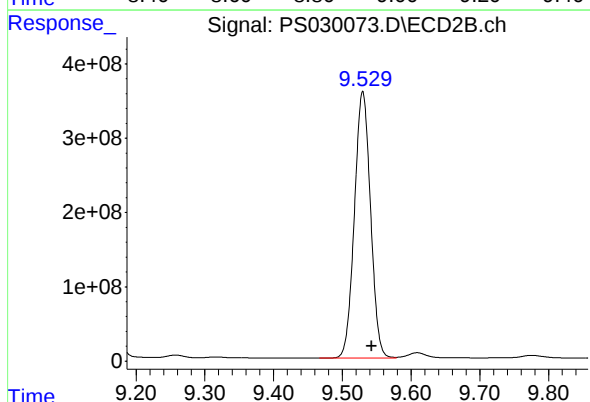
#11 2,4,5-TP (SILVEX)

R.T.: 8.872 min
Delta R.T.: 0.010 min
Response: 9709163677
Conc: 700.37 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

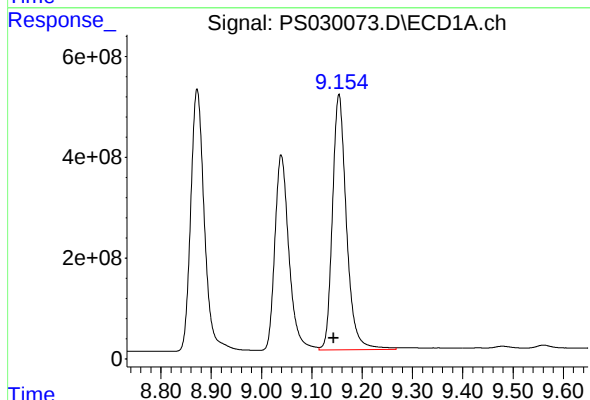
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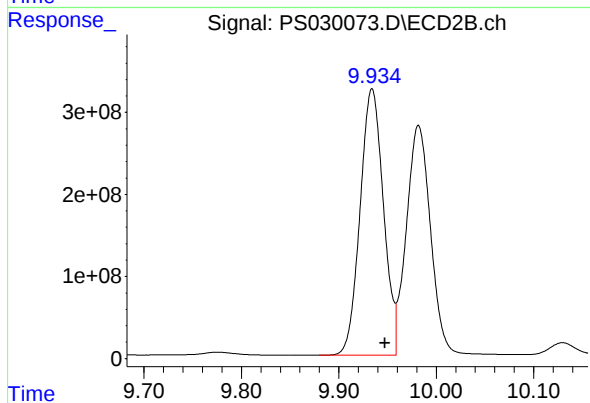
#11 2,4,5-TP (SILVEX)

R.T.: 9.530 min
Delta R.T.: -0.013 min
Response: 5841565888
Conc: 713.98 ng/ml



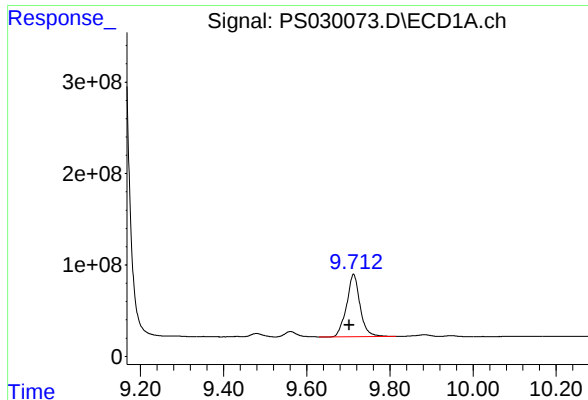
#12 2,4,5-T

R.T.: 9.154 min
Delta R.T.: 0.010 min
Response: 9789650132
Conc: 696.62 ng/ml



#12 2,4,5-T

R.T.: 9.934 min
Delta R.T.: -0.013 min
Response: 5402559496
Conc: 695.97 ng/ml



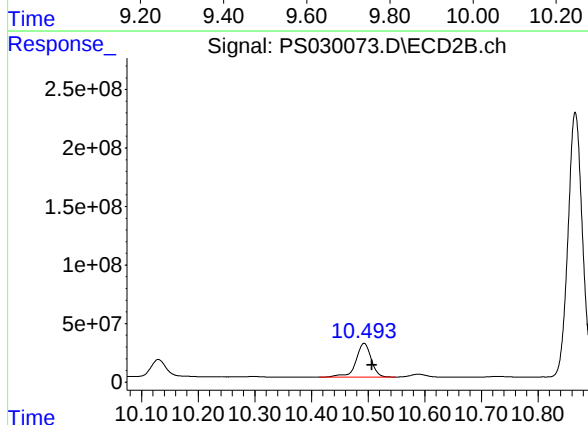
#13 2,4-DB

R.T.: 9.713 min
Delta R.T.: 0.011 min
Response: 1538642467
Conc: 673.26 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

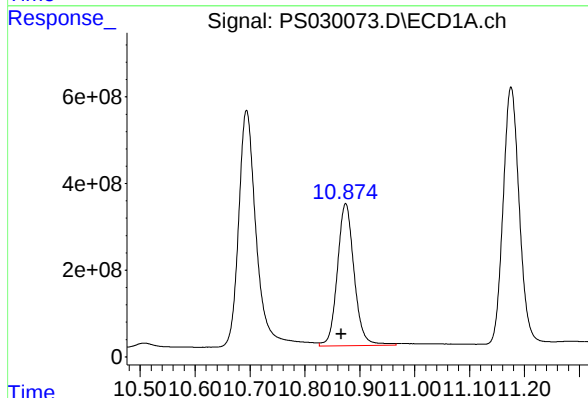
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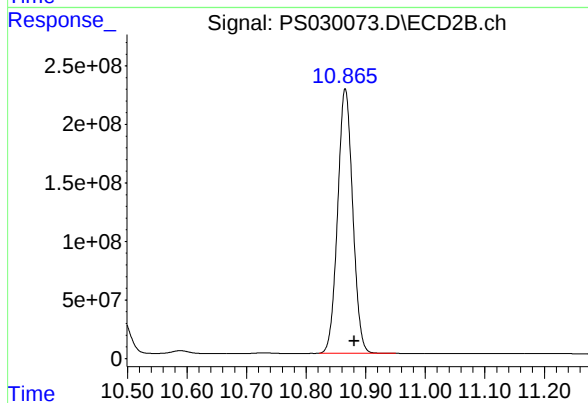
#13 2,4-DB

R.T.: 10.493 min
Delta R.T.: -0.014 min
Response: 546369301
Conc: 678.85 ng/ml



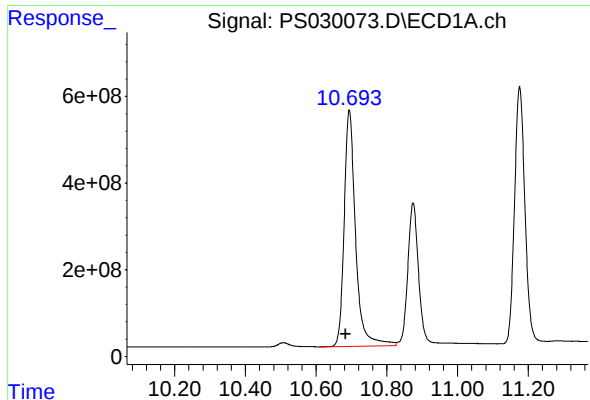
#14 DINOSEB

R.T.: 10.874 min
Delta R.T.: 0.008 min
Response: 6956274542
Conc: 683.77 ng/ml



#14 DINOSEB

R.T.: 10.866 min
Delta R.T.: -0.015 min
Response: 3968386881
Conc: 680.57 ng/ml



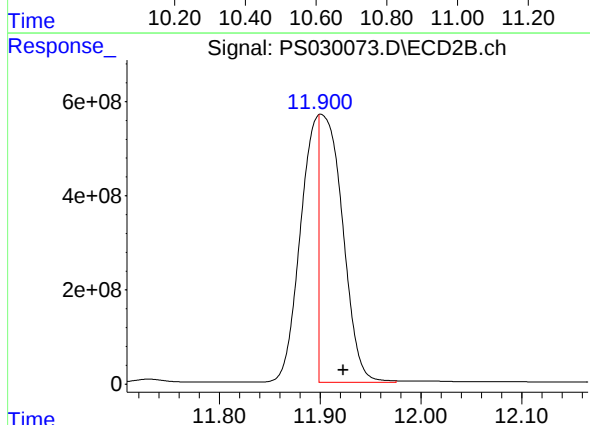
#15 Picloram

R.T.: 10.694 min
Delta R.T.: 0.010 min
Response: 12244922031
Conc: 668.00 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

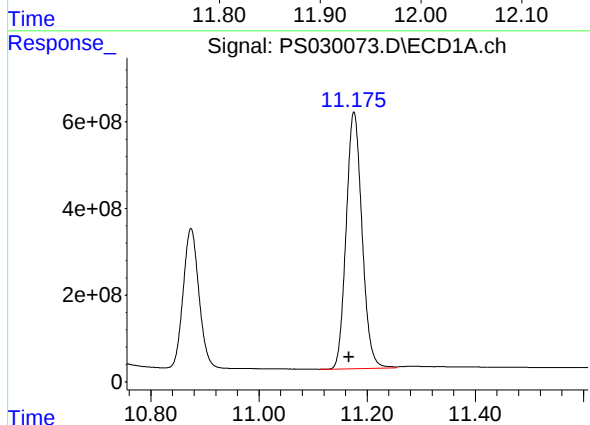
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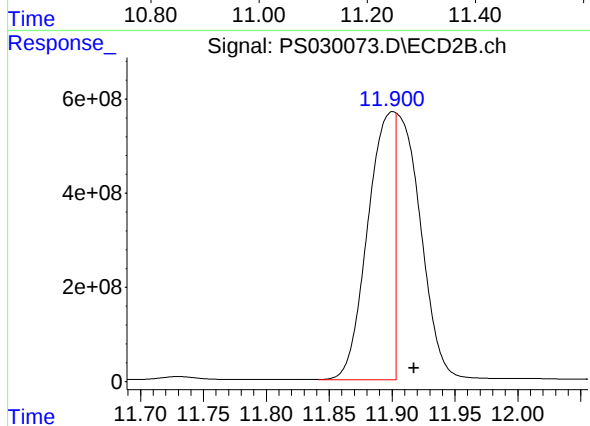
#15 Picloram

R.T.: 11.900 min
Delta R.T.: -0.023 min
Response: 9053194835
Conc: 737.01 ng/ml m



#16 DCPA

R.T.: 11.176 min
Delta R.T.: 0.010 min
Response: 12058474182
Conc: 708.45 ng/ml



#16 DCPA

R.T.: 11.900 min
Delta R.T.: -0.017 min
Response: 8328838850
Conc: 738.92 ng/ml m