

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS052225\
 Data File : PS030348.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 May 2025 16:04
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/23/2025
 Supervised By : mohammad ahmed 05/24/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 22 22:38:35 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 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	6.929	7.447	2131.6E6	585.0E6	748.509	731.087
Target Compounds							
1) T	Dalapon	2.443	2.517	3248.7E6	1341.6E6	660.929	660.547
2) T	3,5-DICHL...	6.135	6.448	2887.1E6	756.5E6	692.270	648.915
3) T	4-Nitroph...	6.720	6.982	1422.7E6	630.2E6	688.739	603.623
5) T	DICAMBA	7.106	7.632	8250.5E6	3347.6E6	713.874	708.038
6) T	MCPD	7.285	7.740	559.9E6	129.3E6	76.886	70.300
7) T	MCPA	7.427	7.969	738.6E6	184.4E6	71.150	69.917
8) T	DICHLORPROP	7.785	8.323	2055.2E6	806.8E6	703.512	682.900
9) T	2,4-D	8.005	8.635	2322.1E6	909.8E6	708.187	704.970
10) T	Pentachlo...	8.281	9.134	29707.7E6	17929.9E6	733.510	726.350
11) T	2,4,5-TP ...	8.845	9.513	11680.7E6	7086.6E6	721.211	719.416
12) T	2,4,5-T	9.127	9.916	12019.0E6	6557.4E6	727.755	712.477
13) T	2,4-DB	9.684	10.474	2000.9E6	624.1E6	766.683	628.875
14) T	DINOSEB	10.844	10.847	8070.0E6	4708.5E6	705.648	689.192
15) T	Picloram	10.665	11.880	15297.1E6	10582.1E6	715.254	751.937m
16) T	DCPA	11.146	11.880	14486.8E6	9783.7E6	727.559	724.155m

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

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Acq On : 22 May 2025 16:04
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

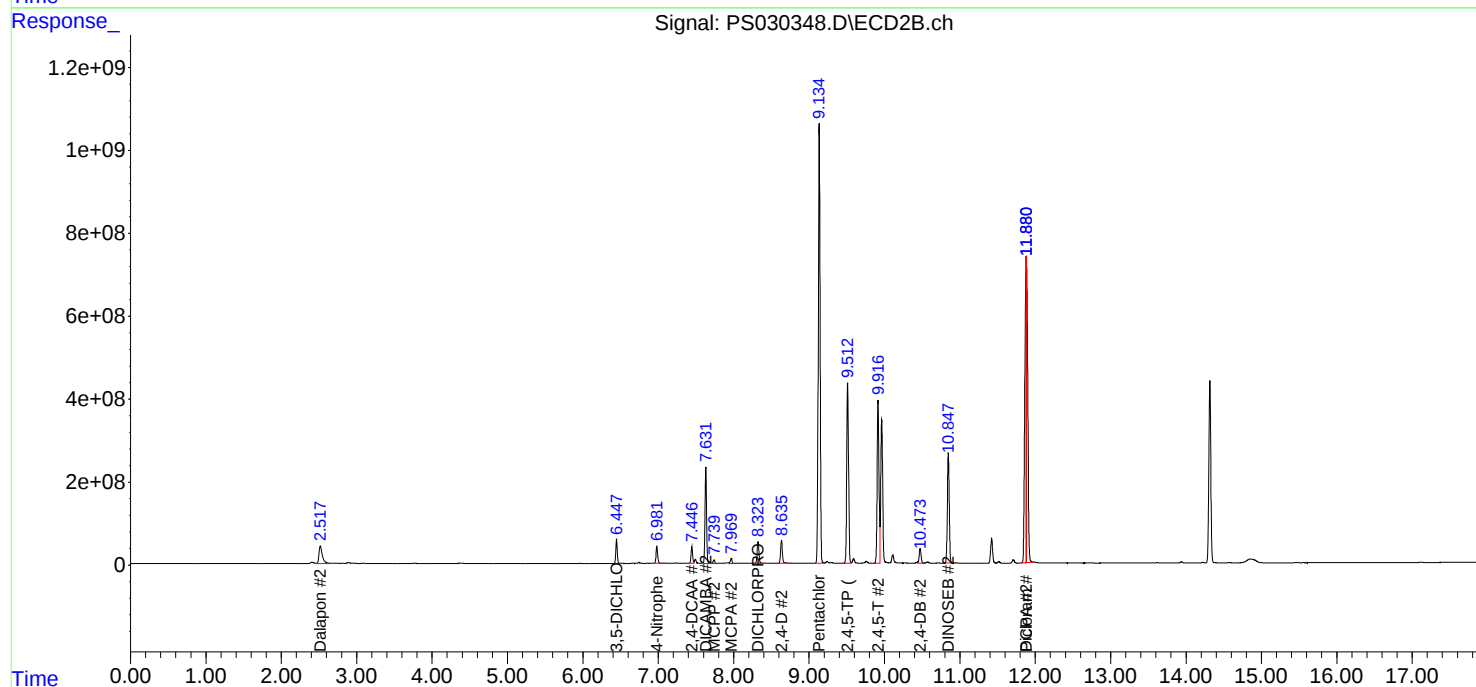
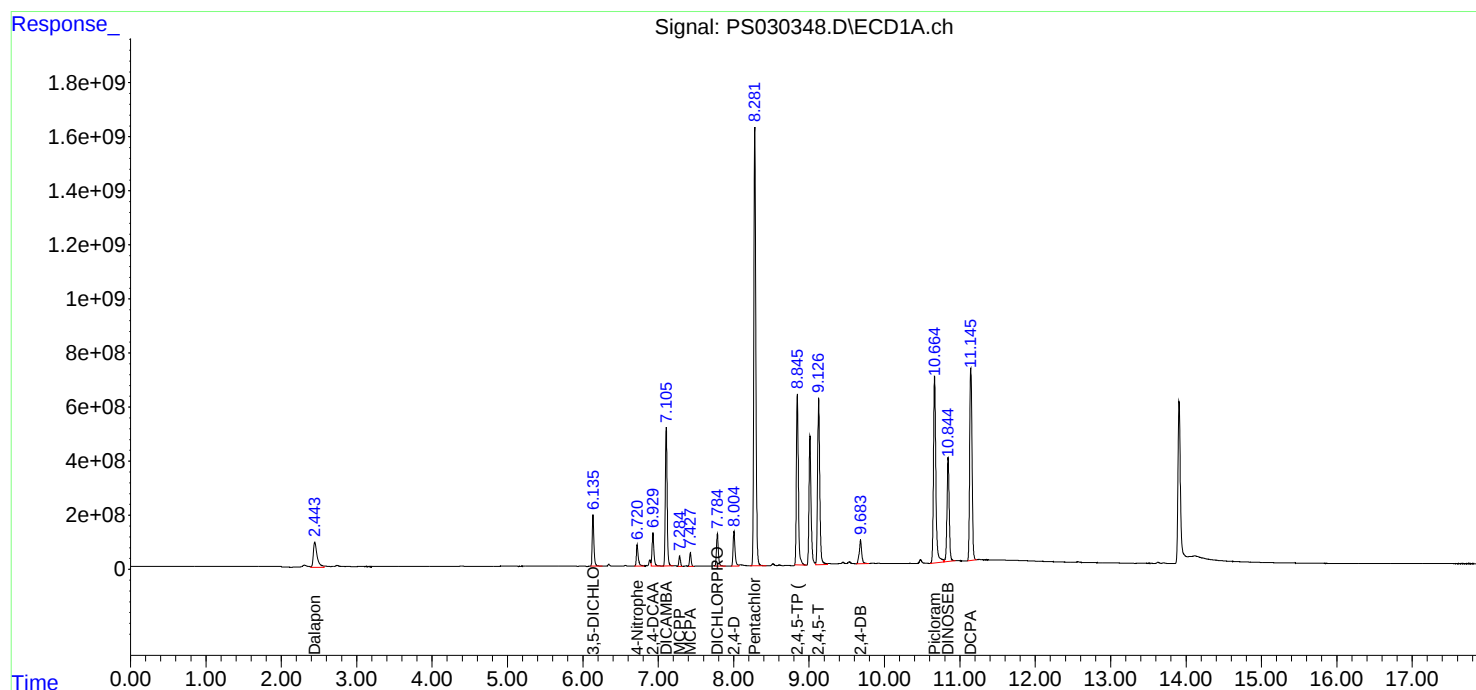
Instrument :
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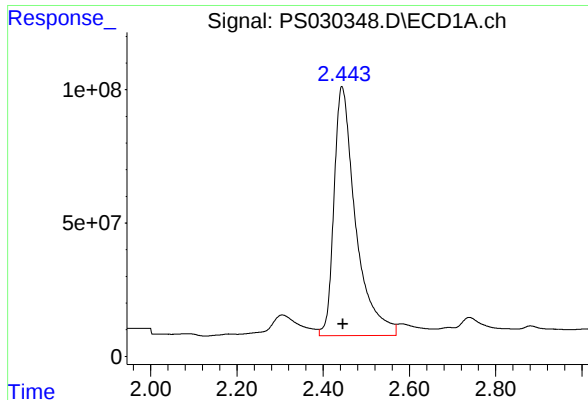
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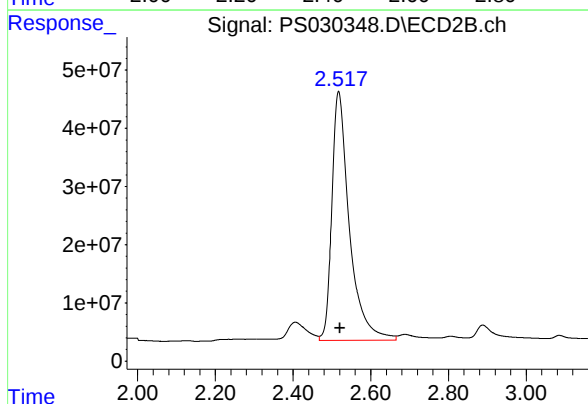
#1 Dalapon

R.T.: 2.443 min
Delta R.T.: -0.003 min
Response: 3248706275
Conc: 660.93 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

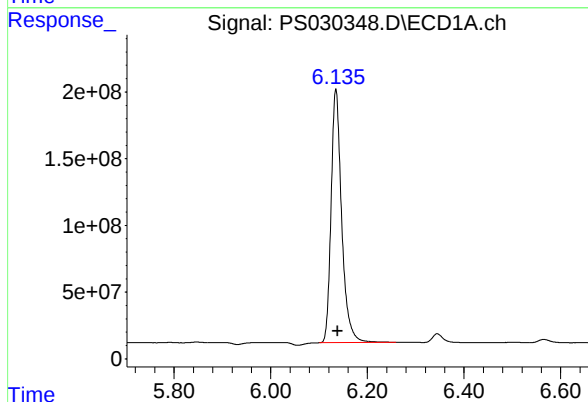
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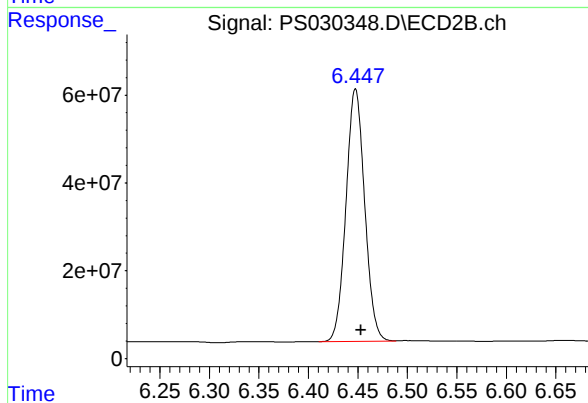
#1 Dalapon

R.T.: 2.517 min
Delta R.T.: -0.003 min
Response: 1341603080
Conc: 660.55 ng/ml



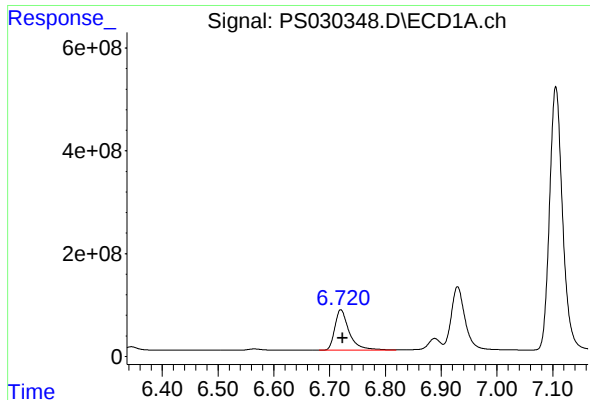
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.135 min
Delta R.T.: -0.004 min
Response: 2887146337
Conc: 692.27 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.448 min
Delta R.T.: -0.006 min
Response: 756523931
Conc: 648.91 ng/ml



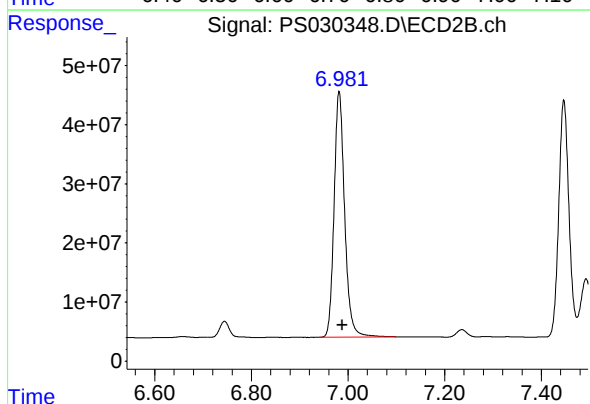
#3 4-Nitrophenol

R.T.: 6.720 min
Delta R.T.: -0.003 min
Response: 1422669270
Conc: 688.74 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

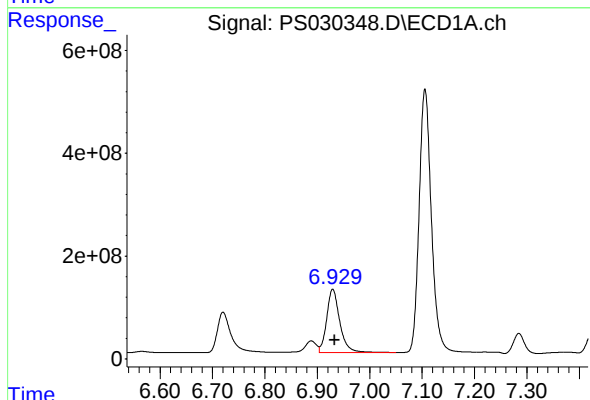
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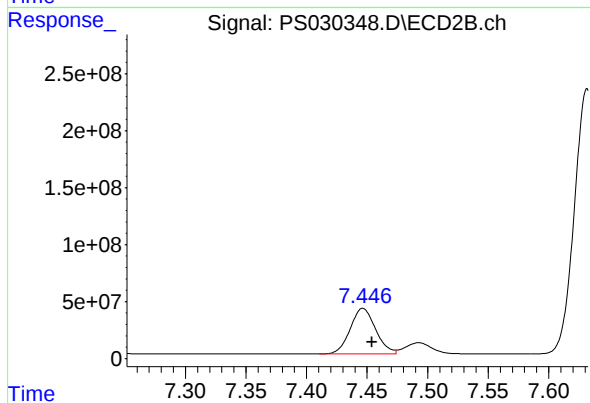
#3 4-Nitrophenol

R.T.: 6.982 min
Delta R.T.: -0.007 min
Response: 630201620
Conc: 603.62 ng/ml



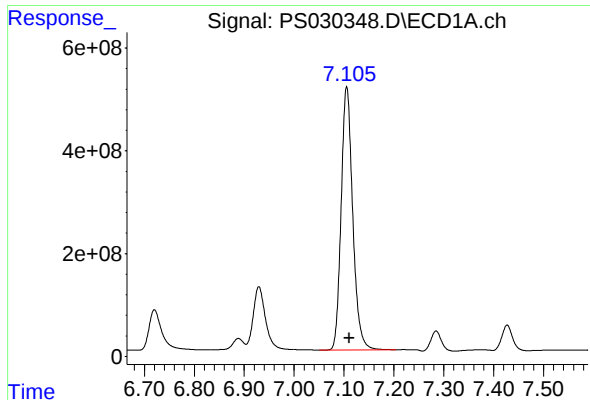
#4 2,4-DCAA

R.T.: 6.929 min
Delta R.T.: -0.004 min
Response: 2131610689
Conc: 748.51 ng/ml



#4 2,4-DCAA

R.T.: 7.447 min
Delta R.T.: -0.007 min
Response: 585018704
Conc: 731.09 ng/ml



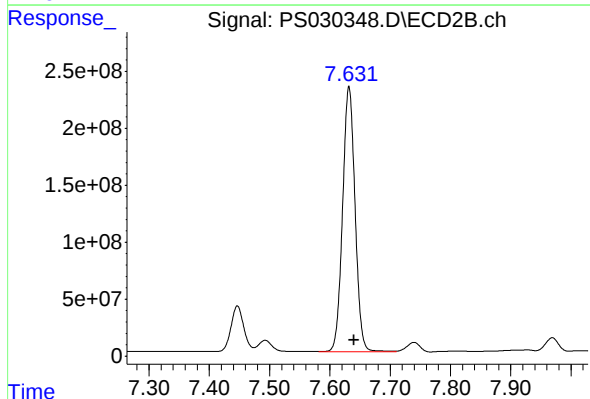
#5 DICAMBA

R.T.: 7.106 min
Delta R.T.: -0.005 min
Response: 8250501284
Conc: 713.87 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

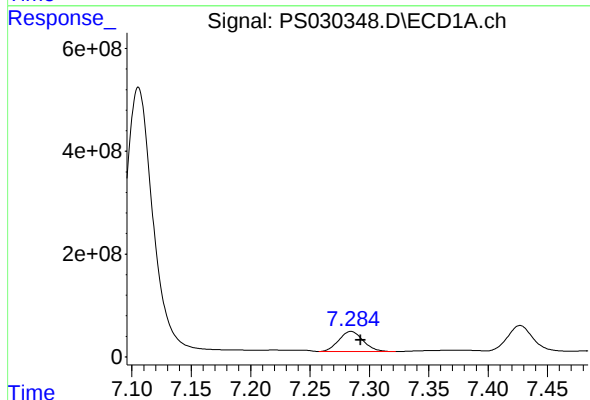
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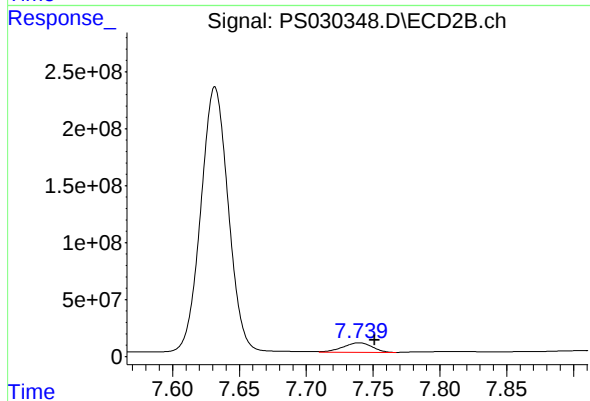
#5 DICAMBA

R.T.: 7.632 min
Delta R.T.: -0.008 min
Response: 3347588960
Conc: 708.04 ng/ml



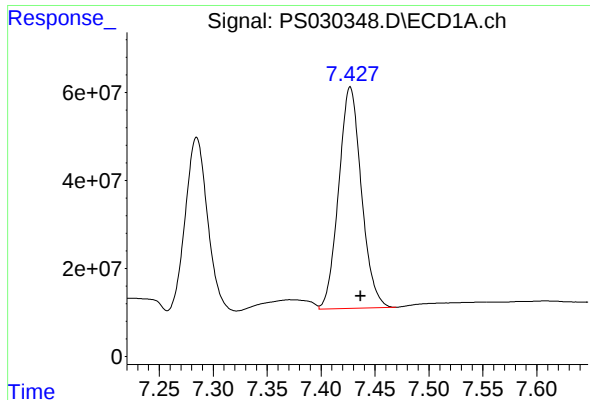
#6 MCPP

R.T.: 7.285 min
Delta R.T.: -0.008 min
Response: 559938222
Conc: 76.89 ug/ml



#6 MCPP

R.T.: 7.740 min
Delta R.T.: -0.012 min
Response: 129335003
Conc: 70.30 ug/ml



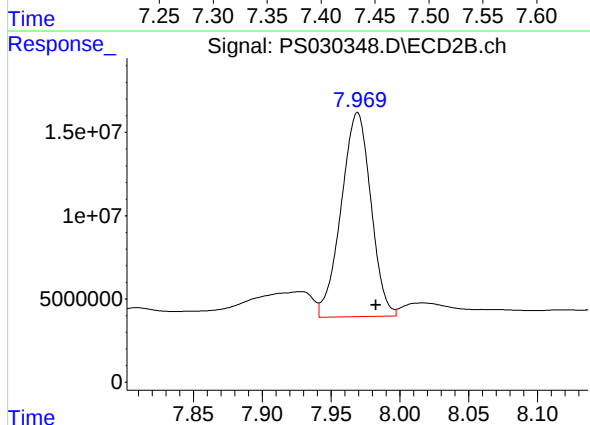
#7 MCPA

R.T.: 7.427 min
Delta R.T.: -0.010 min
Response: 738598417
Conc: 71.15 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

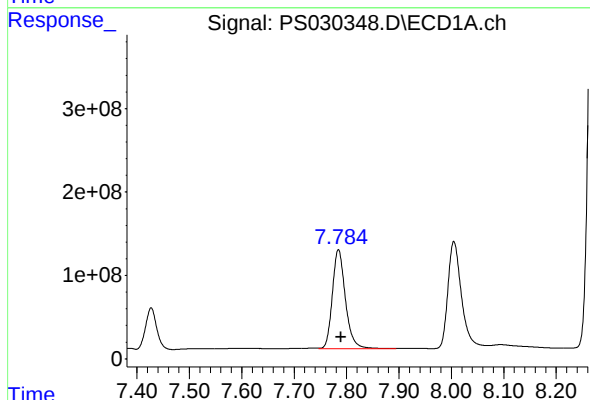
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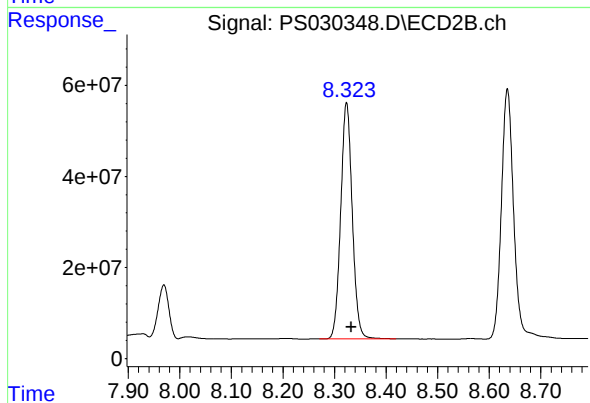
#7 MCPA

R.T.: 7.969 min
Delta R.T.: -0.013 min
Response: 184419178
Conc: 69.92 ug/ml



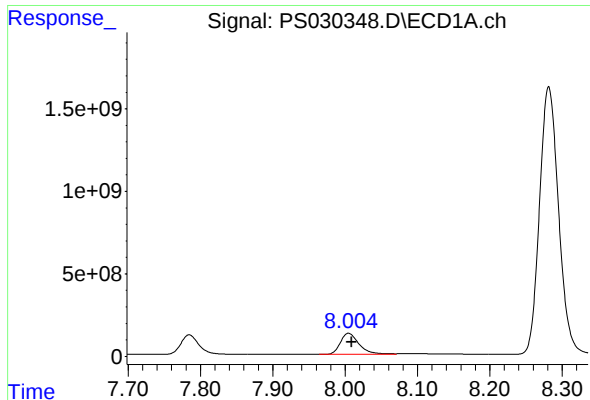
#8 DICHLORPROP

R.T.: 7.785 min
Delta R.T.: -0.005 min
Response: 2055201260
Conc: 703.51 ng/ml



#8 DICHLORPROP

R.T.: 8.323 min
Delta R.T.: -0.009 min
Response: 806800437
Conc: 682.90 ng/ml



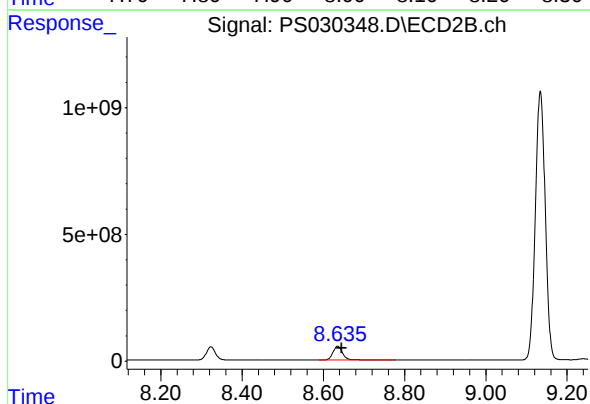
#9 2,4-D

R.T.: 8.005 min
Delta R.T.: -0.004 min
Response: 2322099318
Conc: 708.19 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

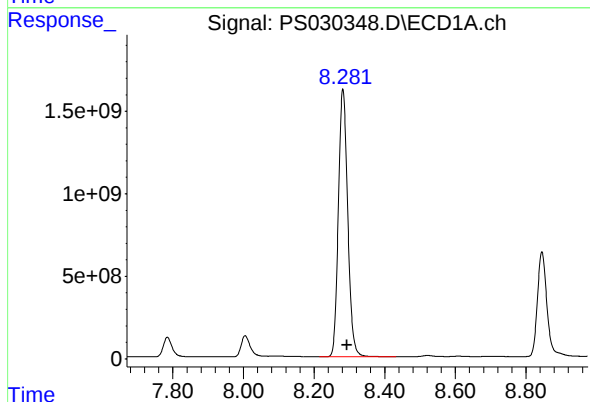
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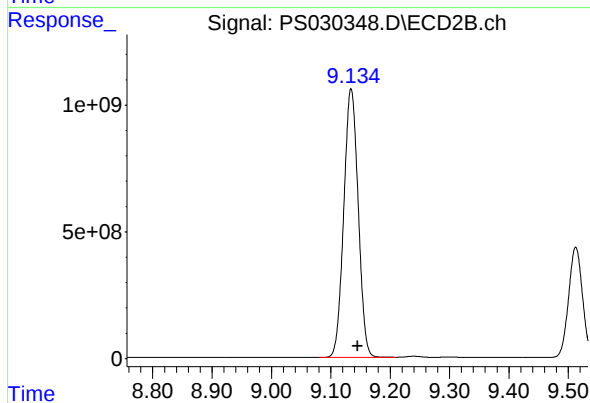
#9 2,4-D

R.T.: 8.635 min
Delta R.T.: -0.010 min
Response: 909764861
Conc: 704.97 ng/ml



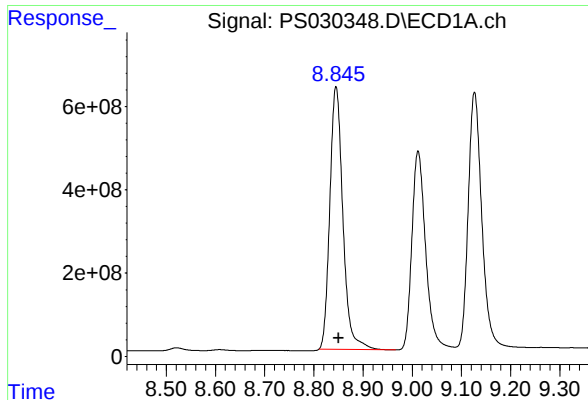
#10 Pentachlorophenol

R.T.: 8.281 min
Delta R.T.: -0.011 min
Response: 29707719295
Conc: 733.51 ng/ml



#10 Pentachlorophenol

R.T.: 9.134 min
Delta R.T.: -0.011 min
Response: 17929930670
Conc: 726.35 ng/ml



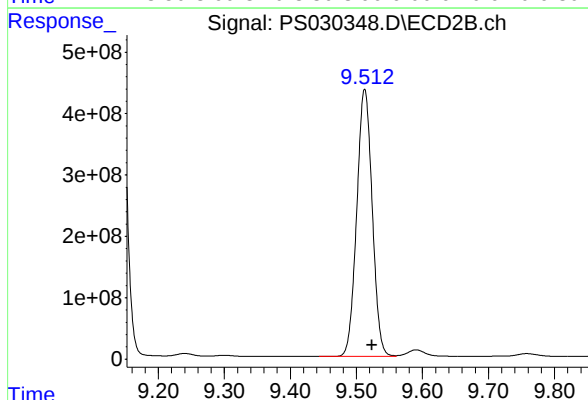
#11 2,4,5-TP (SILVEX)

R.T.: 8.845 min
Delta R.T.: -0.006 min
Response: 11680727688
Conc: 721.21 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

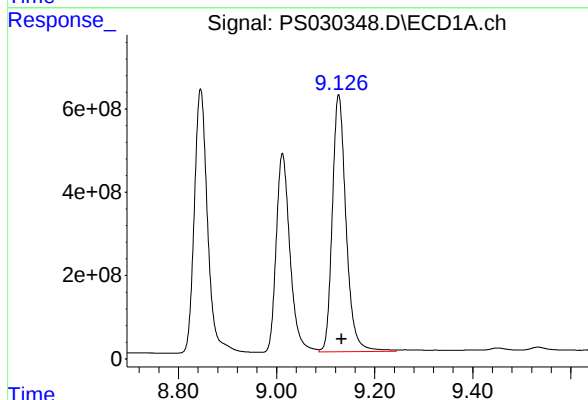
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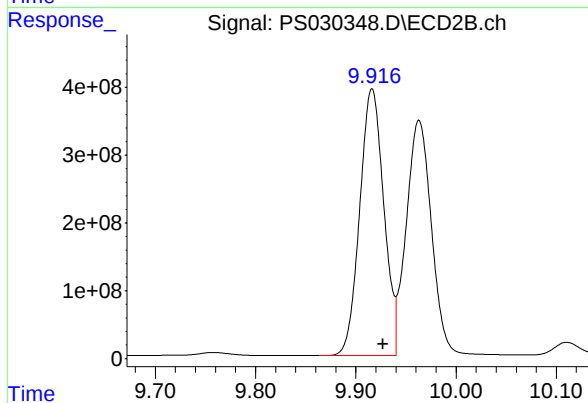
#11 2,4,5-TP (SILVEX)

R.T.: 9.513 min
Delta R.T.: -0.011 min
Response: 7086554891
Conc: 719.42 ng/ml



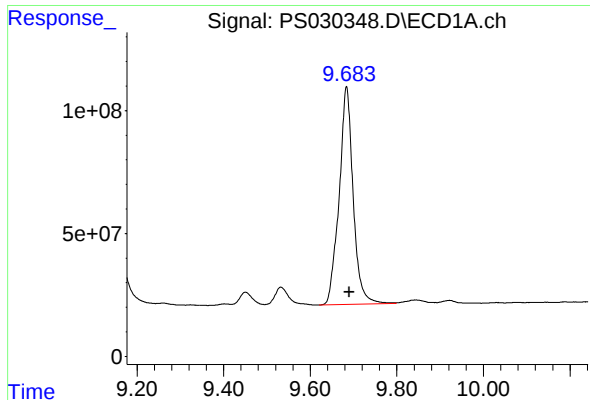
#12 2,4,5-T

R.T.: 9.127 min
Delta R.T.: -0.006 min
Response: 12019016748
Conc: 727.76 ng/ml



#12 2,4,5-T

R.T.: 9.916 min
Delta R.T.: -0.011 min
Response: 6557358630
Conc: 712.48 ng/ml



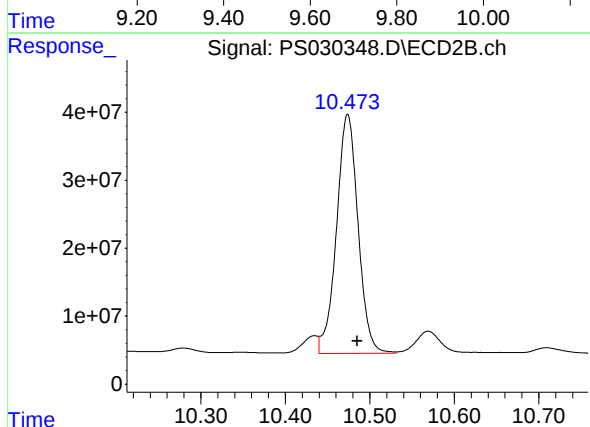
#13 2,4-DB

R.T.: 9.684 min
Delta R.T.: -0.006 min
Response: 2000869682
Conc: 766.68 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

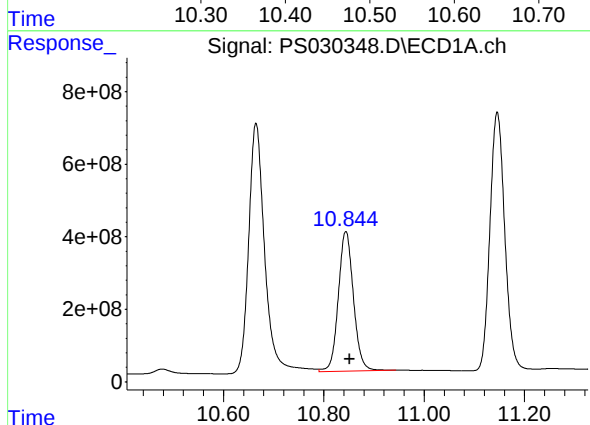
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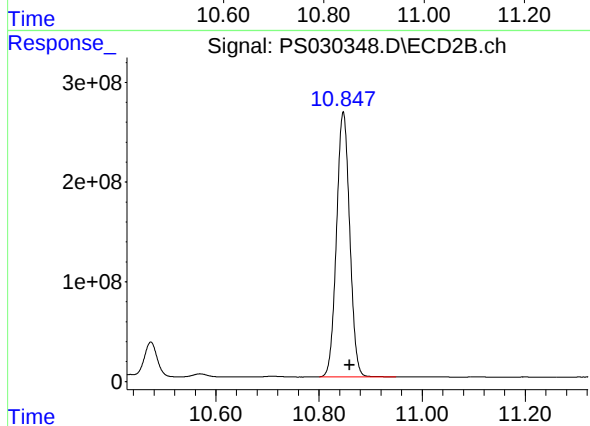
#13 2,4-DB

R.T.: 10.474 min
Delta R.T.: -0.011 min
Response: 624077629
Conc: 628.87 ng/ml



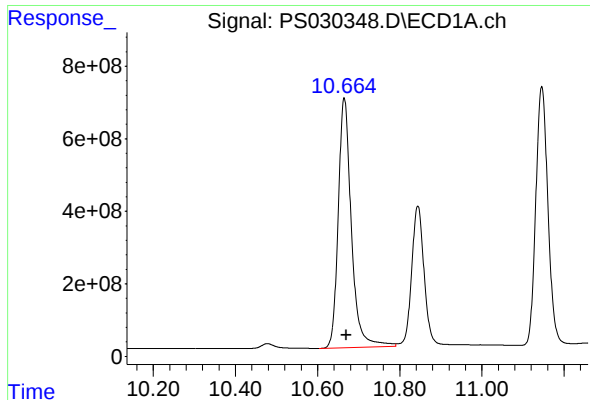
#14 DINOSEB

R.T.: 10.844 min
Delta R.T.: -0.008 min
Response: 8070047336
Conc: 705.65 ng/ml



#14 DINOSEB

R.T.: 10.847 min
Delta R.T.: -0.012 min
Response: 4708545250
Conc: 689.19 ng/ml



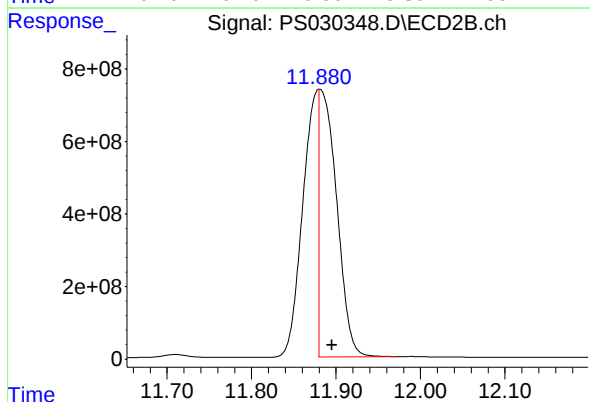
#15 Picloram

R.T.: 10.665 min
Delta R.T.: -0.005 min
Response: 15297117069
Conc: 715.25 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

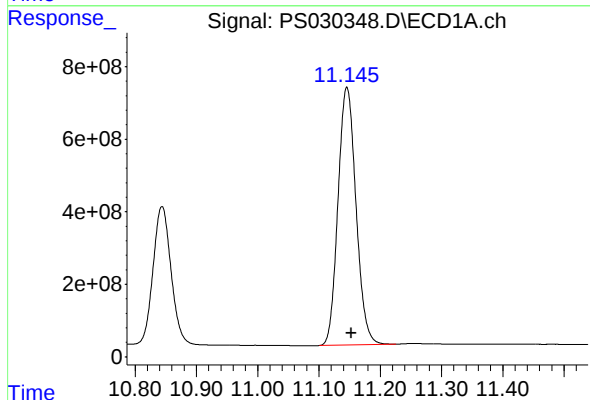
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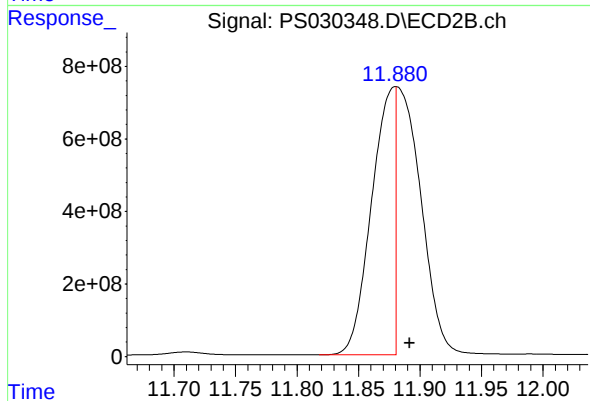
#15 Picloram

R.T.: 11.880 min
Delta R.T.: -0.015 min
Response: 10582091311
Conc: 751.94 ng/ml m



#16 DCPA

R.T.: 11.146 min
Delta R.T.: -0.007 min
Response: 14486781073
Conc: 727.56 ng/ml



#16 DCPA

R.T.: 11.880 min
Delta R.T.: -0.012 min
Response: 9783707668
Conc: 724.15 ng/ml m