

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS051925\
 Data File : PS030288.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 May 2025 21:26
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/20/2025
 Supervised By : mohammad ahmed 05/21/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 20 02:09:23 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	6.931	7.450	2110.1E6	591.5E6	740.954	739.158
Target Compounds							
1) T	Dalapon	2.445	2.519	3314.6E6	1361.4E6	674.345	670.306
2) T	3,5-DICHL...	6.136	6.450	2903.4E6	763.9E6	696.174	655.208
3) T	4-Nitroph...	6.721	6.985	1448.8E6	638.2E6	701.390	611.297
5) T	DICAMBA	7.107	7.635	8136.6E6	3392.3E6	704.017	717.499
6) T	MCPD	7.286	7.743	552.5E6	127.4E6	75.867	69.225
7) T	MCPA	7.429	7.973	733.1E6	174.6E6	70.623	66.184
8) T	DICHLORPROP	7.787	8.327	2045.4E6	839.6E6	700.142	710.678
9) T	2,4-D	8.006	8.639	2307.8E6	914.9E6	703.833	708.971
10) T	Pentachlo...	8.284	9.139	29413.1E6	18173.5E6	726.235	736.216
11) T	2,4,5-TP ...	8.848	9.517	11622.2E6	7188.3E6	717.600	729.748
12) T	2,4,5-T	9.128	9.920	11905.9E6	6667.9E6	720.905	724.483
13) T	2,4-DB	9.687	10.478	2028.3E6	620.3E6	777.177	625.061
14) T	DINOSEB	10.847	10.852	8066.4E6	4874.3E6	705.328	713.456
15) T	Picloram	10.667	11.888	15583.6E6	9714.5E6	728.648	690.288m
16) T	DCPA	11.149	11.886	14311.1E6	10023.6E6	718.737	741.914m

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

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Acq On : 19 May 2025 21:26
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

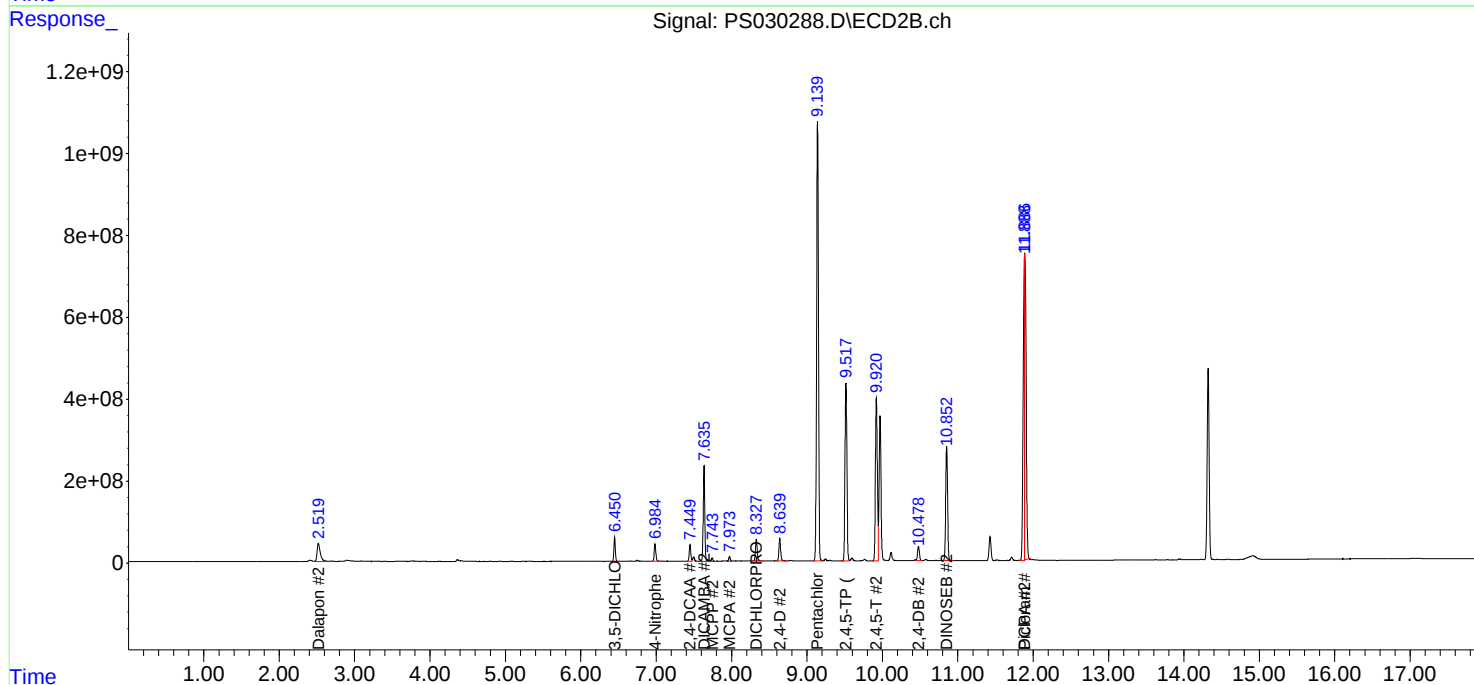
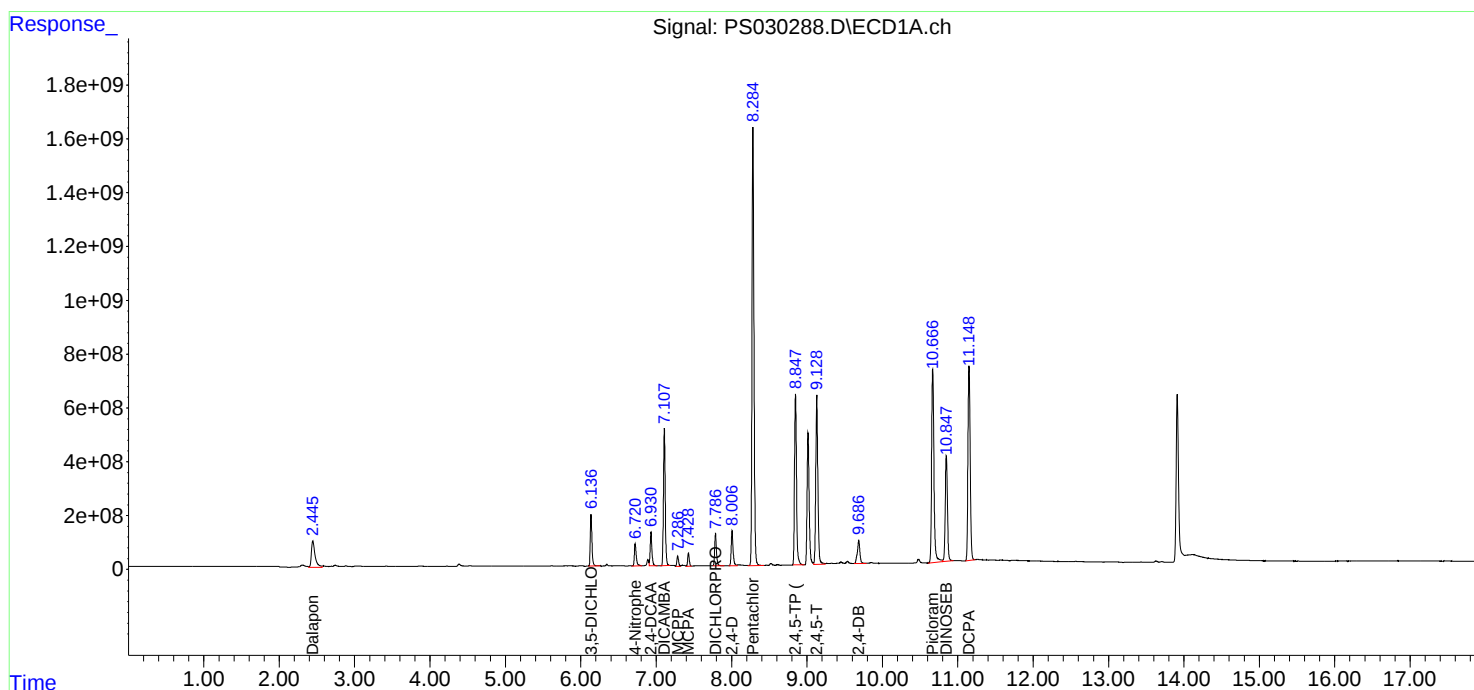
Instrument :
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ClientSampleId :
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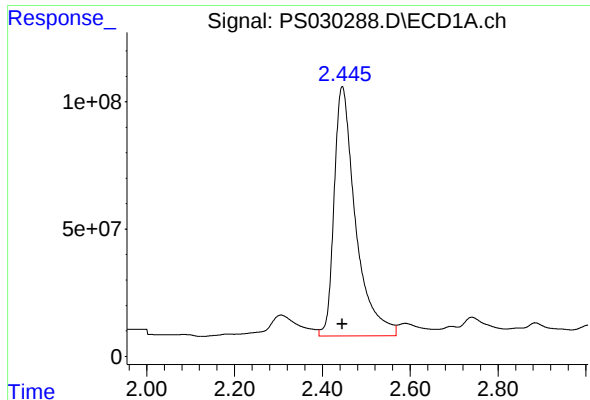
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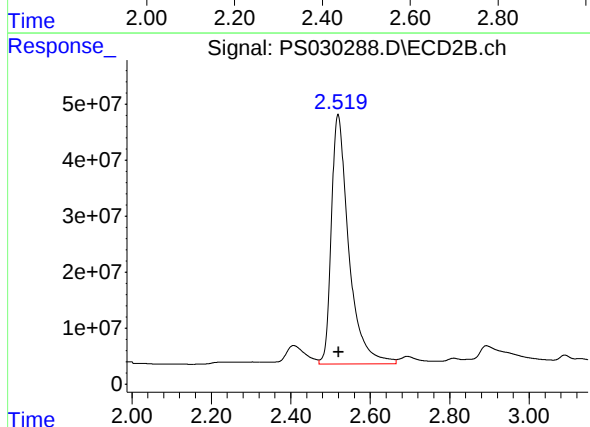
#1 Dalapon

R.T.: 2.445 min
Delta R.T.: 0.000 min
Response: 3314646517
Conc: 674.34 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

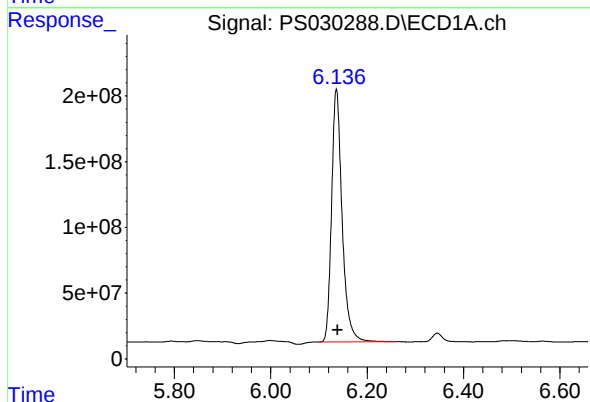
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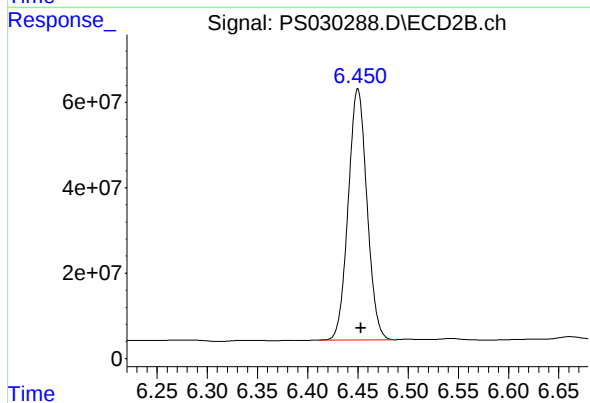
#1 Dalapon

R.T.: 2.519 min
Delta R.T.: -0.001 min
Response: 1361424620
Conc: 670.31 ng/ml



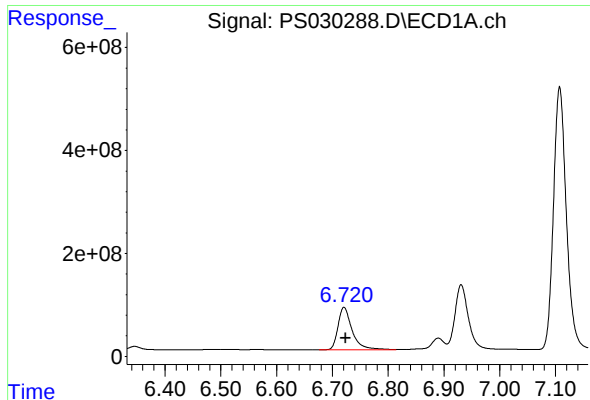
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.136 min
Delta R.T.: -0.002 min
Response: 2903429886
Conc: 696.17 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.450 min
Delta R.T.: -0.003 min
Response: 763860646
Conc: 655.21 ng/ml



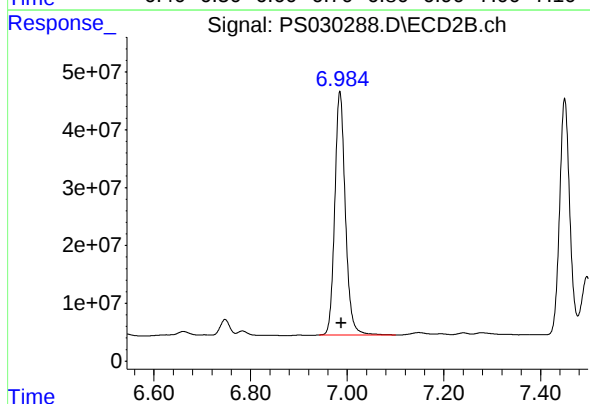
#3 4-Nitrophenol

R.T.: 6.721 min
Delta R.T.: -0.003 min
Response: 1448800353
Conc: 701.39 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

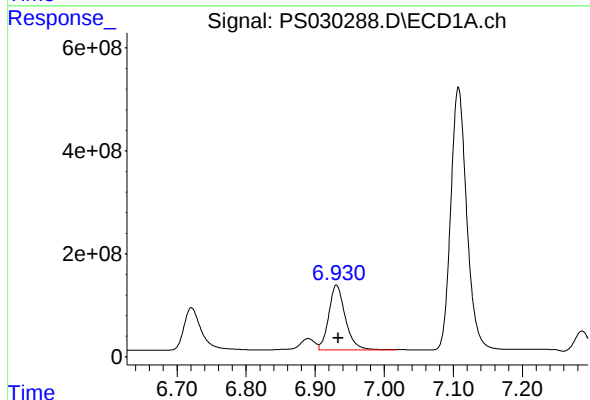
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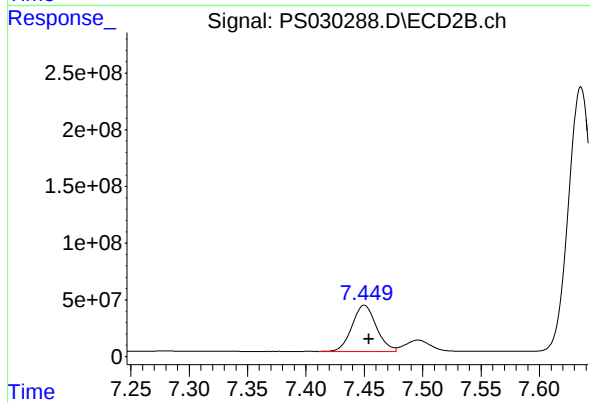
#3 4-Nitrophenol

R.T.: 6.985 min
Delta R.T.: -0.004 min
Response: 638214025
Conc: 611.30 ng/ml



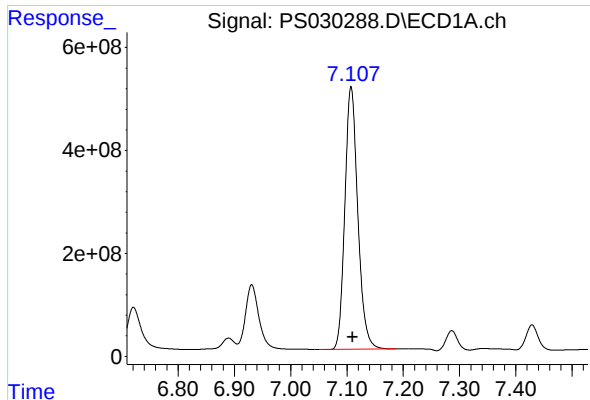
#4 2,4-DCAA

R.T.: 6.931 min
Delta R.T.: -0.003 min
Response: 2110095143
Conc: 740.95 ng/ml



#4 2,4-DCAA

R.T.: 7.450 min
Delta R.T.: -0.004 min
Response: 591476869
Conc: 739.16 ng/ml



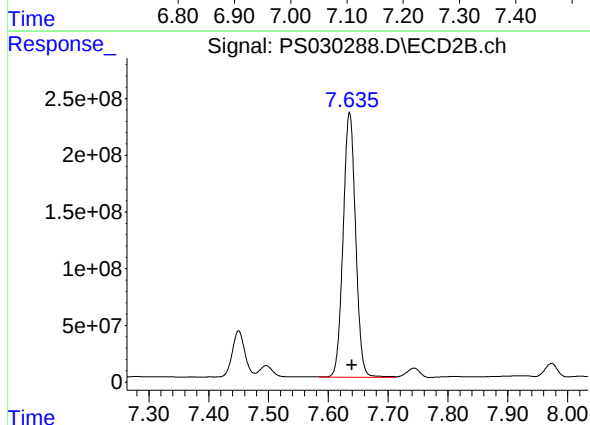
#5 DICAMBA

R.T.: 7.107 min
Delta R.T.: -0.003 min
Response: 8136574636
Conc: 704.02 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

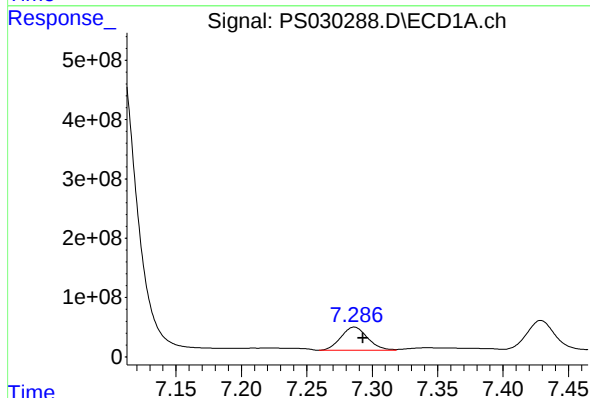
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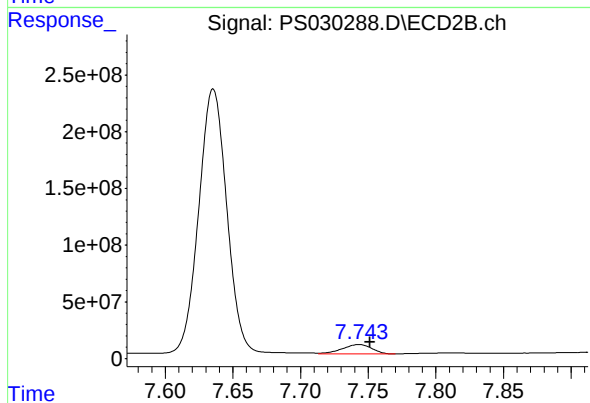
#5 DICAMBA

R.T.: 7.635 min
Delta R.T.: -0.004 min
Response: 3392317262
Conc: 717.50 ng/ml



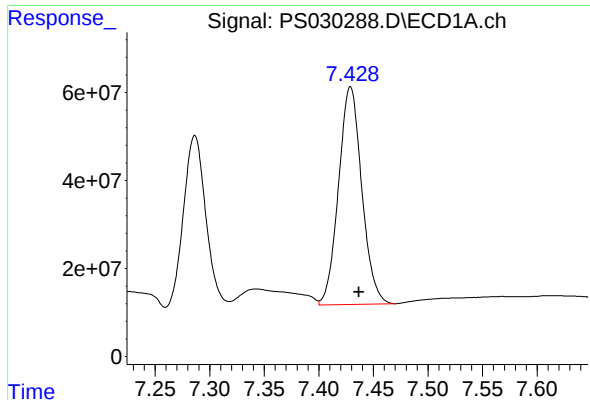
#6 MCPP

R.T.: 7.286 min
Delta R.T.: -0.006 min
Response: 552518262
Conc: 75.87 ug/ml



#6 MCPP

R.T.: 7.743 min
Delta R.T.: -0.008 min
Response: 127358060
Conc: 69.23 ug/ml



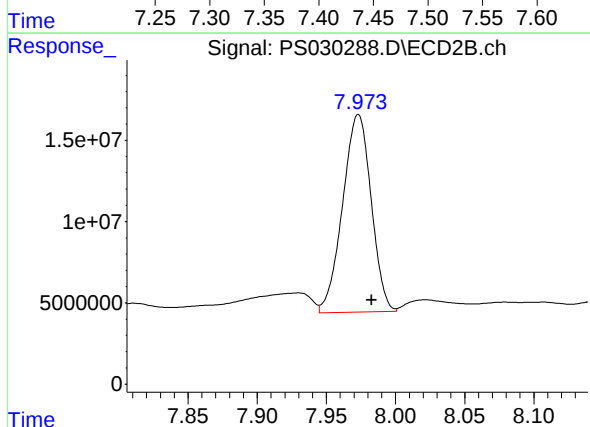
#7 MCPA

R.T.: 7.429 min
Delta R.T.: -0.008 min
Response: 733129512
Conc: 70.62 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

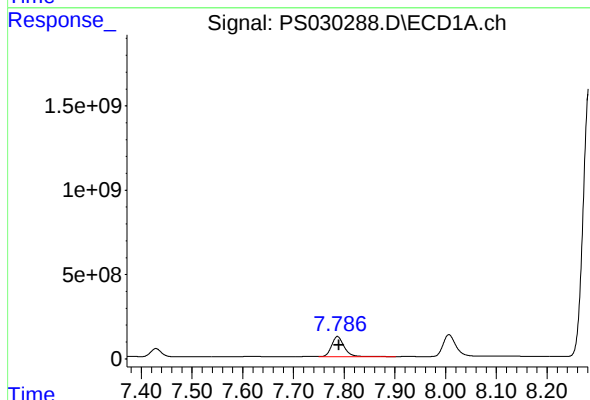
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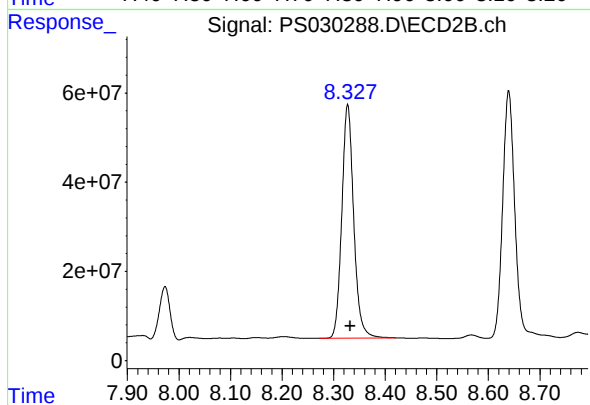
#7 MCPA

R.T.: 7.973 min
Delta R.T.: -0.009 min
Response: 174573280
Conc: 66.18 ug/ml



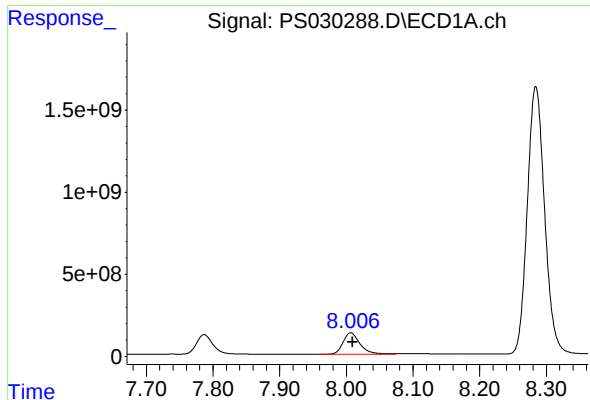
#8 DICHLORPROP

R.T.: 7.787 min
Delta R.T.: -0.003 min
Response: 2045355352
Conc: 700.14 ng/ml



#8 DICHLORPROP

R.T.: 8.327 min
Delta R.T.: -0.006 min
Response: 839619093
Conc: 710.68 ng/ml



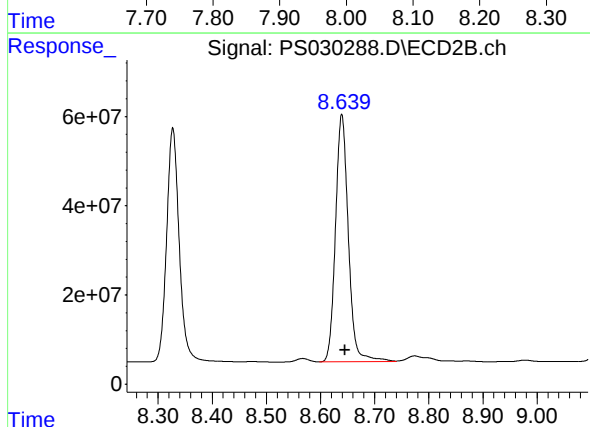
#9 2,4-D

R.T.: 8.006 min
Delta R.T.: -0.003 min
Response: 2307822240
Conc: 703.83 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

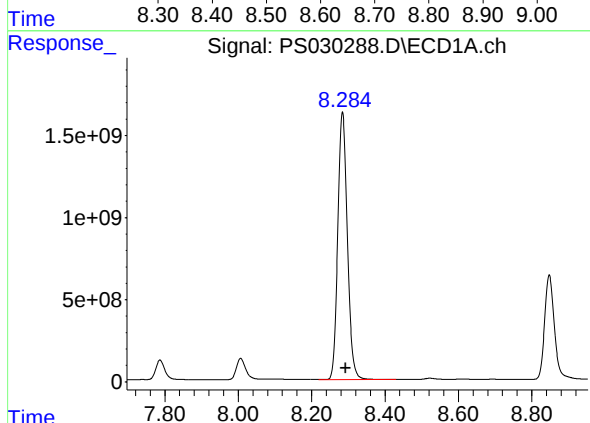
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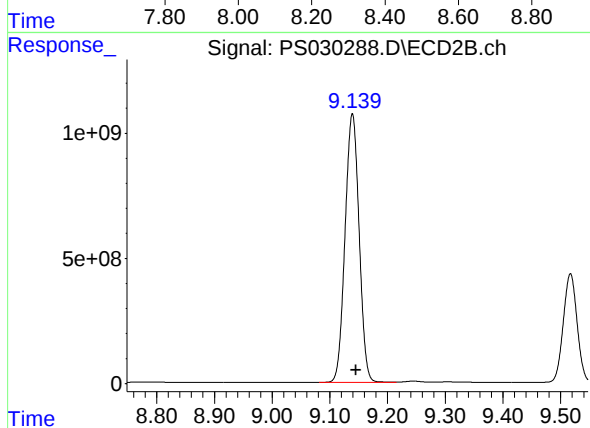
#9 2,4-D

R.T.: 8.639 min
Delta R.T.: -0.006 min
Response: 914927239
Conc: 708.97 ng/ml



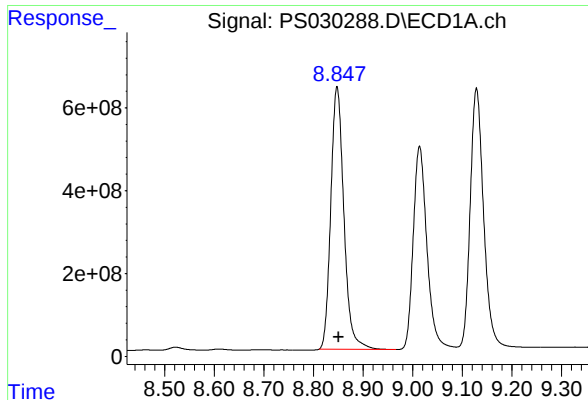
#10 Pentachlorophenol

R.T.: 8.284 min
Delta R.T.: -0.009 min
Response: 29413091799
Conc: 726.24 ng/ml



#10 Pentachlorophenol

R.T.: 9.139 min
Delta R.T.: -0.006 min
Response: 18173472632
Conc: 736.22 ng/ml



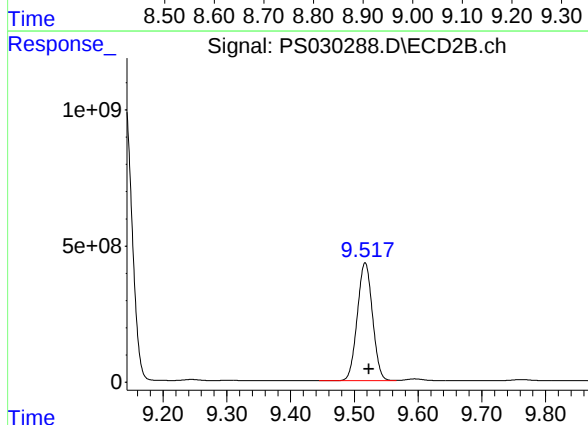
#11 2,4,5-TP (SILVEX)

R.T.: 8.848 min
Delta R.T.: -0.003 min
Response: 11622246264
Conc: 717.60 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

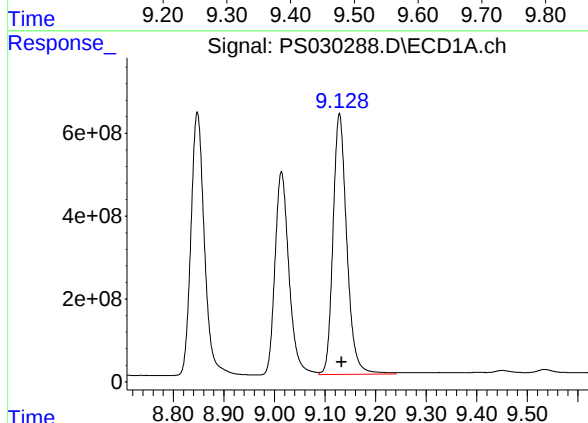
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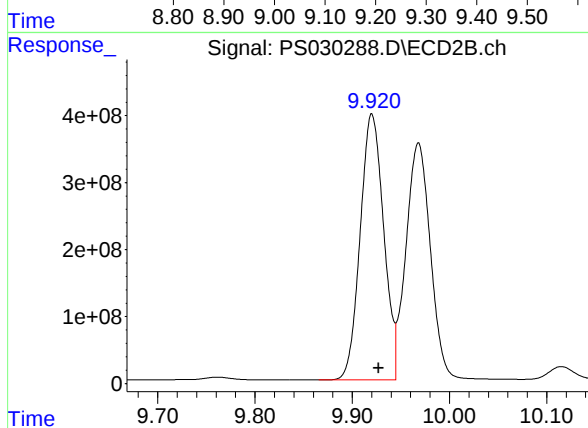
#11 2,4,5-TP (SILVEX)

R.T.: 9.517 min
Delta R.T.: -0.006 min
Response: 7188329777
Conc: 729.75 ng/ml



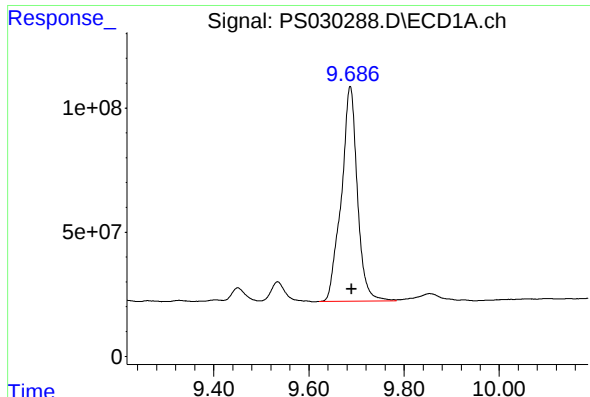
#12 2,4,5-T

R.T.: 9.128 min
Delta R.T.: -0.004 min
Response: 11905891844
Conc: 720.91 ng/ml



#12 2,4,5-T

R.T.: 9.920 min
Delta R.T.: -0.007 min
Response: 6667861294
Conc: 724.48 ng/ml



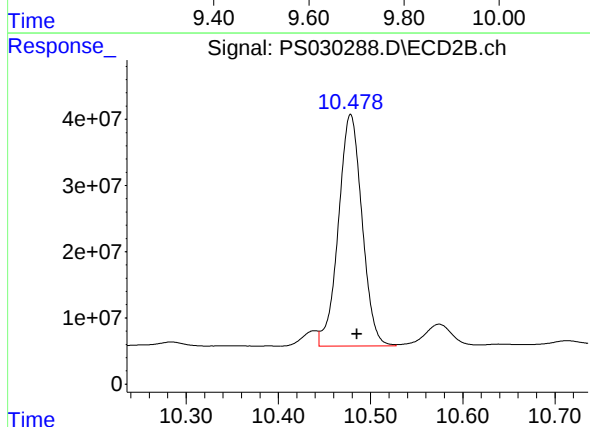
#13 2,4-DB

R.T.: 9.687 min
Delta R.T.: -0.003 min
Response: 2028256890
Conc: 777.18 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

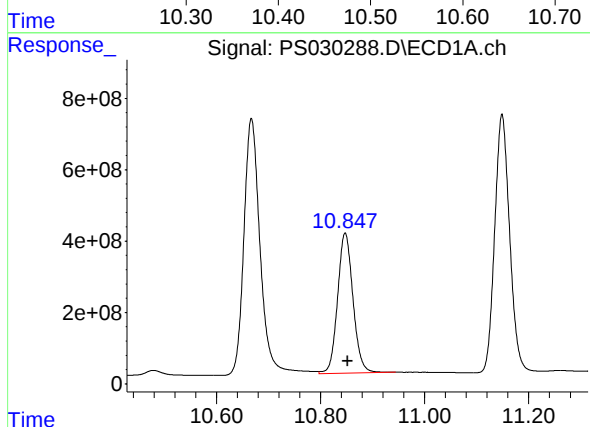
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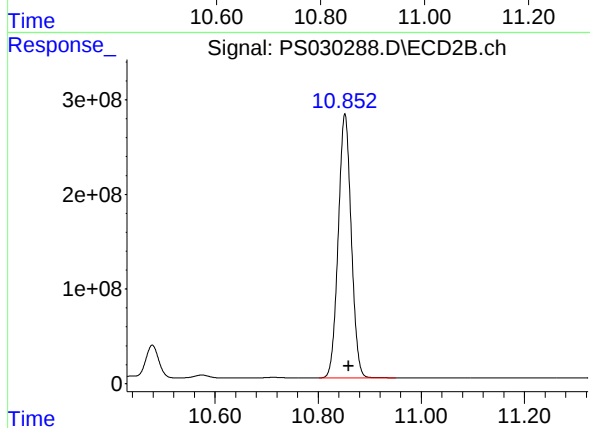
#13 2,4-DB

R.T.: 10.478 min
Delta R.T.: -0.007 min
Response: 620293374
Conc: 625.06 ng/ml



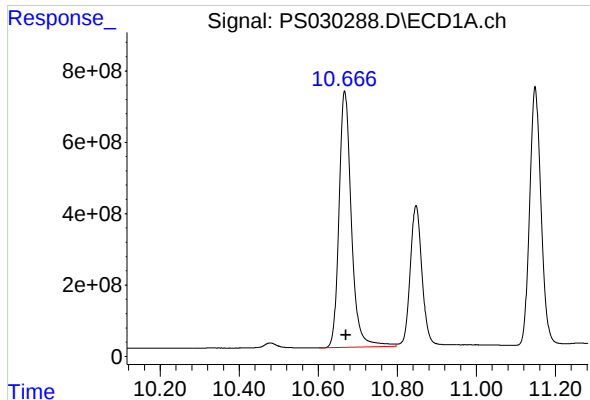
#14 DINOSEB

R.T.: 10.847 min
Delta R.T.: -0.004 min
Response: 8066383823
Conc: 705.33 ng/ml



#14 DINOSEB

R.T.: 10.852 min
Delta R.T.: -0.007 min
Response: 4874315320
Conc: 713.46 ng/ml



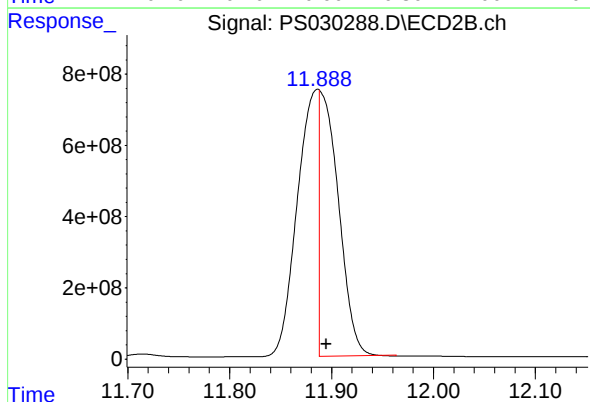
#15 Picloram

R.T.: 10.667 min
Delta R.T.: -0.003 min
Response: 15583585126
Conc: 728.65 ng/ml

Instrument :
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ClientSampleId :
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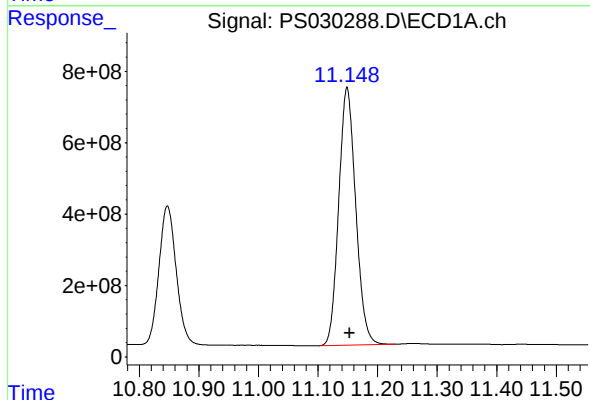
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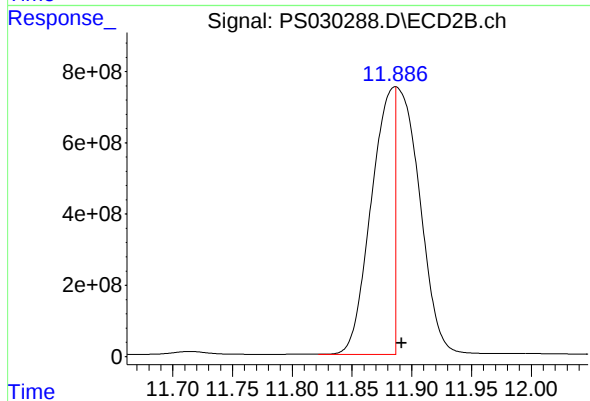
#15 Picloram

R.T.: 11.888 min
Delta R.T.: -0.007 min
Response: 9714510974
Conc: 690.29 ng/ml m



#16 DCPA

R.T.: 11.149 min
Delta R.T.: -0.004 min
Response: 14311132415
Conc: 718.74 ng/ml



#16 DCPA

R.T.: 11.886 min
Delta R.T.: -0.005 min
Response: 10023647128
Conc: 741.91 ng/ml m