

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS042925\
 Data File : PS029988.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Apr 2025 17:40
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/30/2025
 Supervised By :mohammad ahmed 05/02/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 30 01:08:05 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	6.941	7.464	1915.6E6	580.0E6	778.361	823.289
Target Compounds							
1) T	Dalapon	2.450	2.524	3018.9E6	1269.2E6	737.179	731.060
2) T	3,5-DICHL...	6.145	6.461	2593.0E6	746.5E6	725.553	763.620
3) T	4-Nitroph...	6.731	6.998	1274.6E6	567.6E6	714.731	741.058
5) T	DICAMBA	7.117	7.650	7397.3E6	3177.5E6	746.987	804.428
6) T	MCPD	7.297	7.758	487.8E6	130.0E6	75.710	74.337
7) T	MCPA	7.439	7.988	648.2E6	173.6E6	73.401	73.391
8) T	DICHLORPROP	7.797	8.344	1832.4E6	782.5E6	723.083	779.413
9) T	2,4-D	8.018	8.657	2081.7E6	865.5E6	740.077	767.901
10) T	Pentachlo...	8.297	9.158	26506.7E6	16430.9E6	759.830	807.620
11) T	2,4,5-TP ...	8.861	9.537	10436.1E6	6535.9E6	752.811	798.844
12) T	2,4,5-T	9.142	9.942	10678.6E6	6126.4E6	759.871	789.216
13) T	2,4-DB	9.701	10.500	1802.1E6	616.5E6	788.560	766.032
14) T	DINOSEB	10.864	10.874	7335.7E6	4449.0E6	721.063	762.993
15) T	Picloram	10.682	11.909	13605.4E6	8966.6E6	742.223	729.965m
16) T	DCPA	11.165	11.907	12788.4E6	8285.5E6	751.330	735.077m

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

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Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

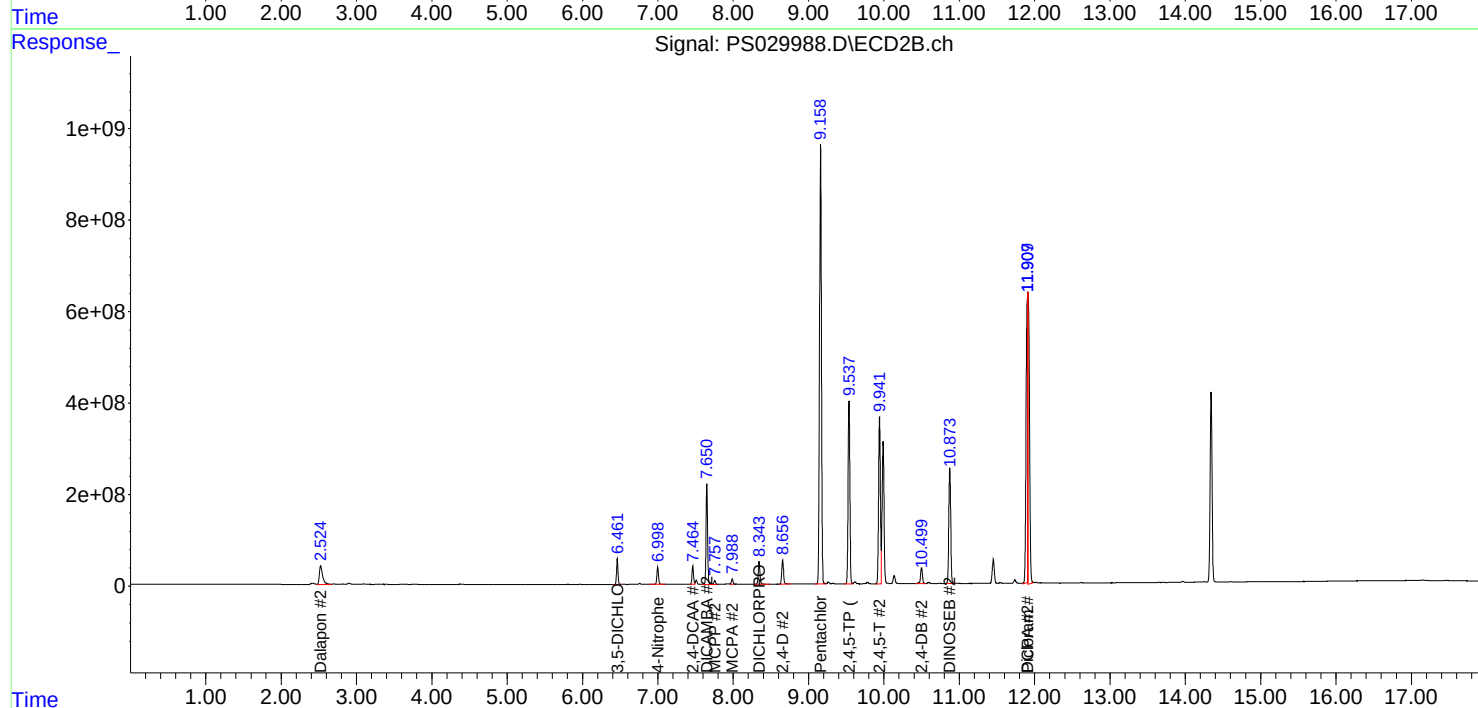
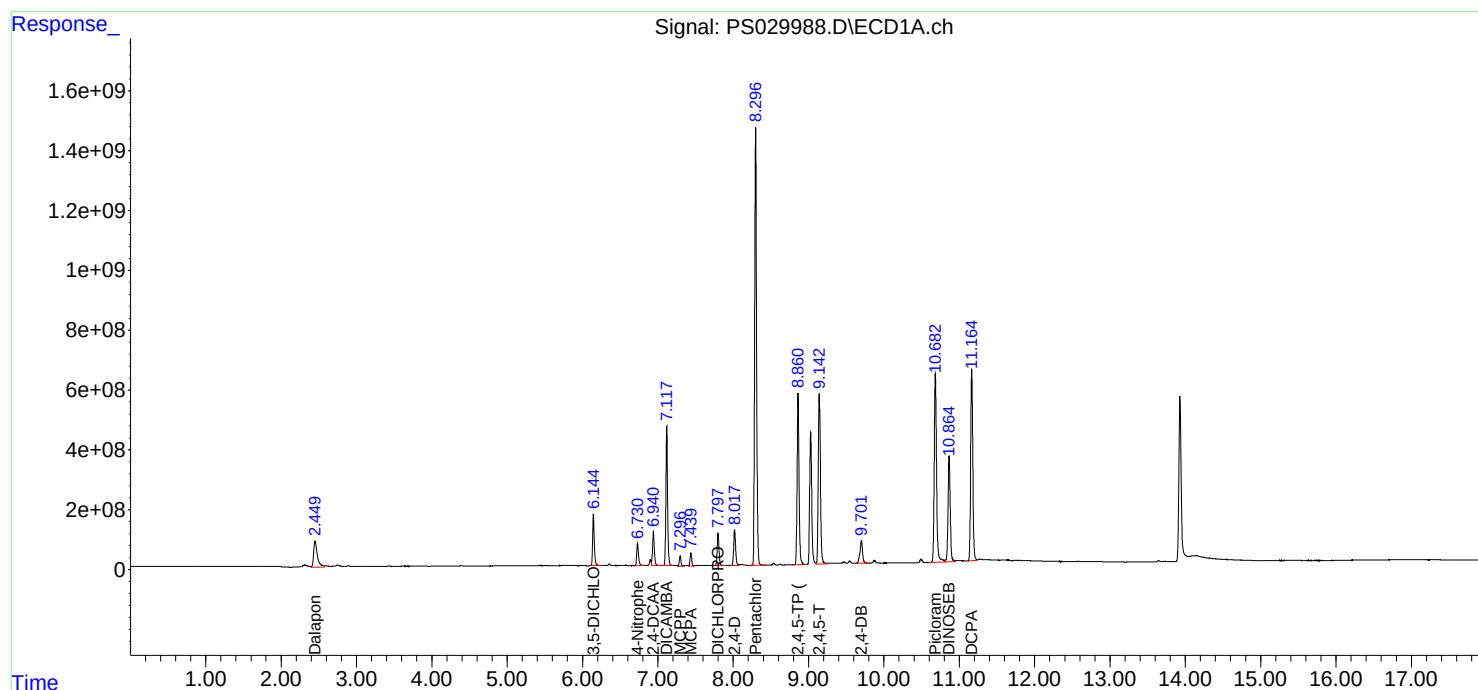
Instrument :
ECD_S
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HSTDCCC750

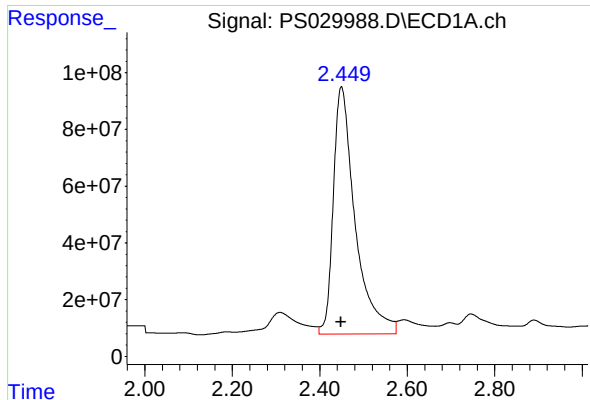
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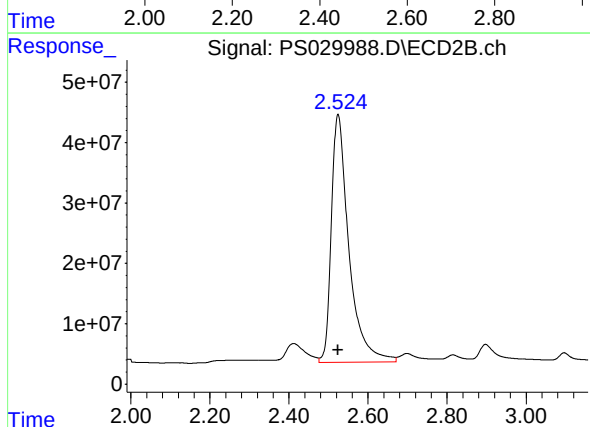
#1 Dalapon

R.T.: 2.450 min
Delta R.T.: 0.002 min
Response: 3018939407
Conc: 737.18 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

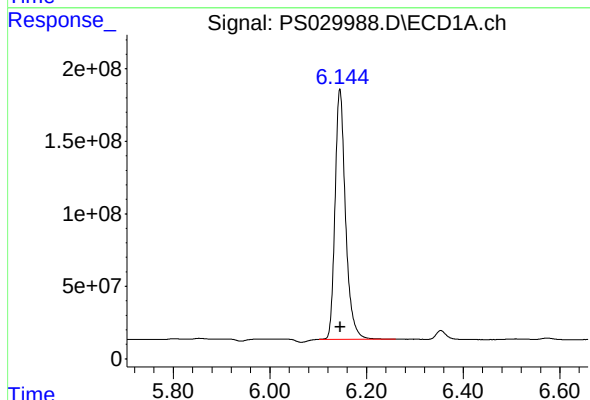
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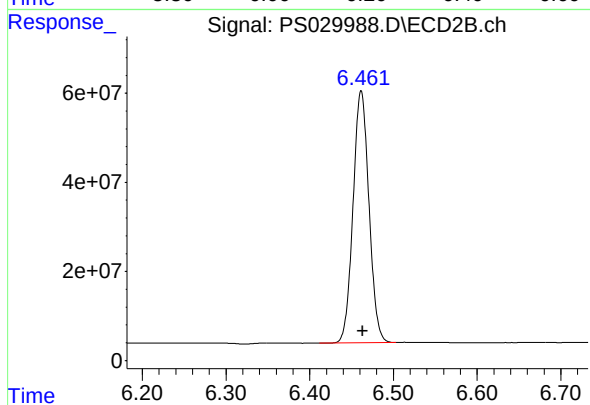
#1 Dalapon

R.T.: 2.524 min
Delta R.T.: 0.000 min
Response: 1269225085
Conc: 731.06 ng/ml



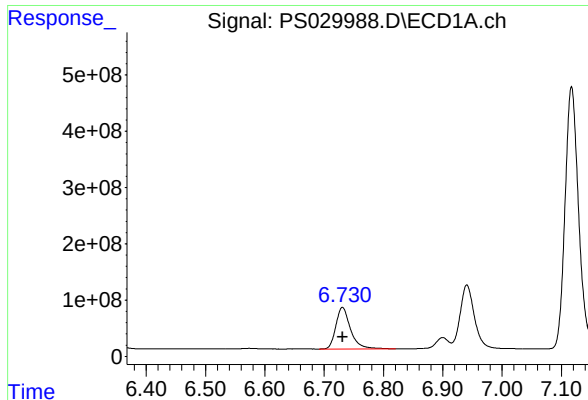
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.145 min
Delta R.T.: 0.000 min
Response: 2592970778
Conc: 725.55 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.461 min
Delta R.T.: -0.002 min
Response: 746499094
Conc: 763.62 ng/ml



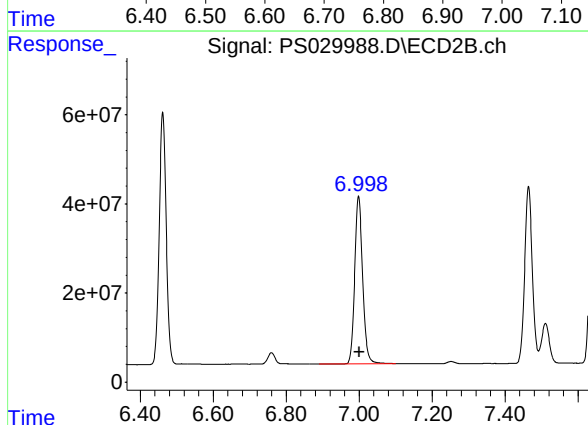
#3 4-Nitrophenol

R.T.: 6.731 min
Delta R.T.: 0.000 min
Response: 1274594366
Conc: 714.73 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

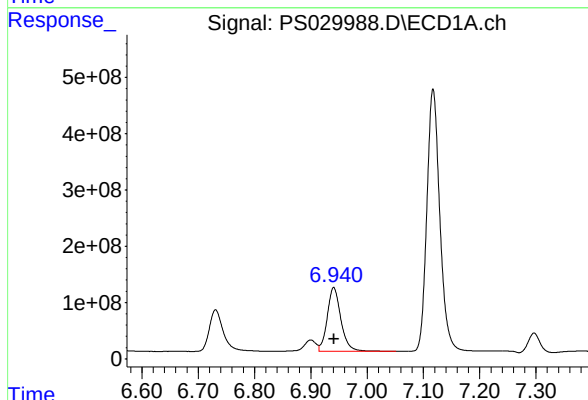
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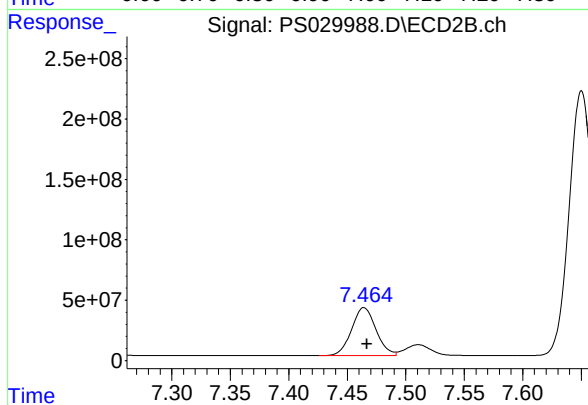
#3 4-Nitrophenol

R.T.: 6.998 min
Delta R.T.: -0.002 min
Response: 567592336
Conc: 741.06 ng/ml



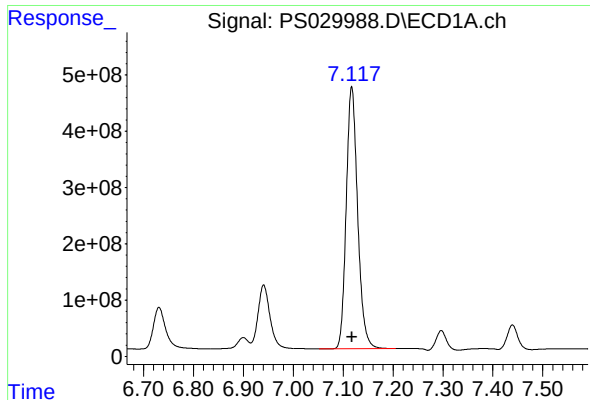
#4 2,4-DCAA

R.T.: 6.941 min
Delta R.T.: 0.000 min
Response: 1915608614
Conc: 778.36 ng/ml



#4 2,4-DCAA

R.T.: 7.464 min
Delta R.T.: -0.003 min
Response: 580021272
Conc: 823.29 ng/ml



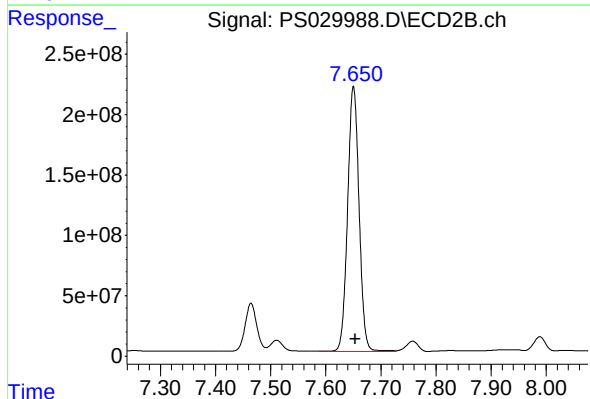
#5 DICAMBA

R.T.: 7.117 min
Delta R.T.: 0.000 min
Response: 7397316356
Conc: 746.99 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

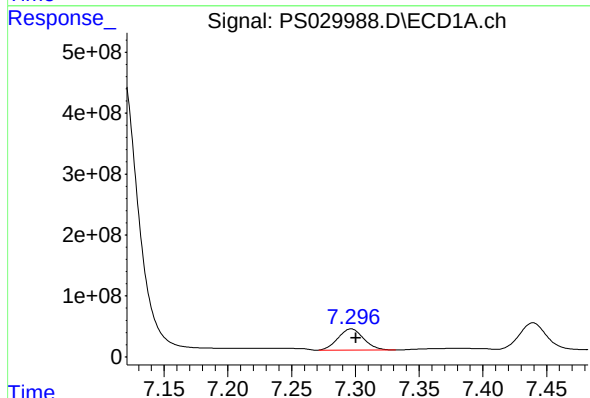
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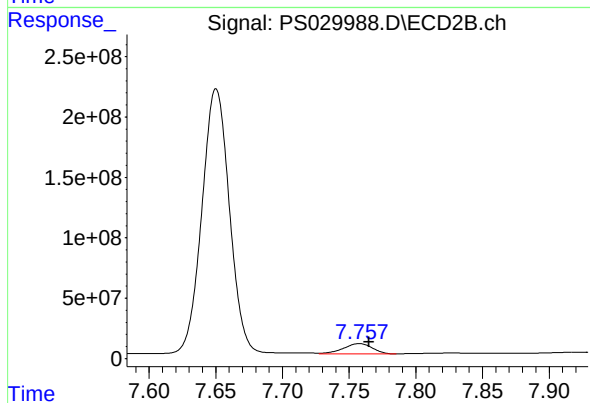
#5 DICAMBA

R.T.: 7.650 min
Delta R.T.: -0.003 min
Response: 3177544204
Conc: 804.43 ng/ml



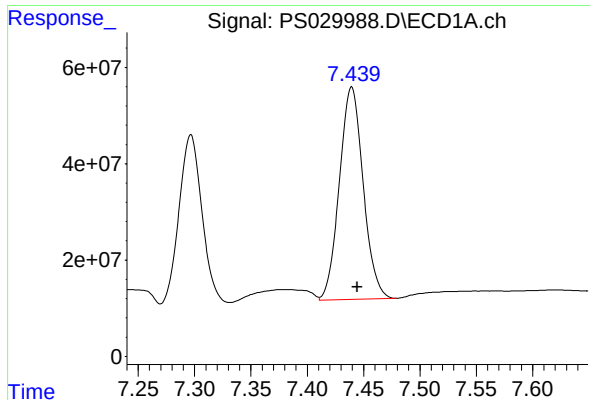
#6 MCPP

R.T.: 7.297 min
Delta R.T.: -0.004 min
Response: 487849004
Conc: 75.71 ug/ml



#6 MCPP

R.T.: 7.758 min
Delta R.T.: -0.007 min
Response: 130012517
Conc: 74.34 ug/ml



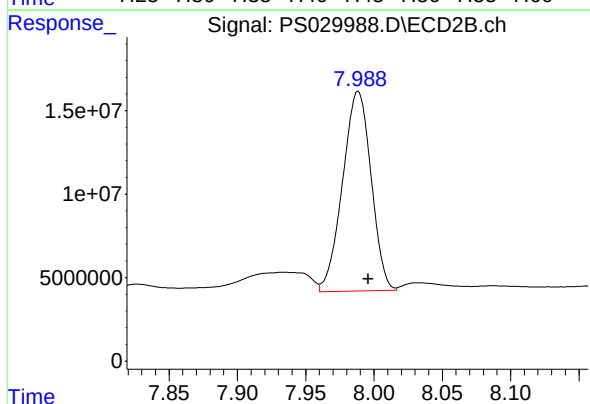
#7 MCPA

R.T.: 7.439 min
Delta R.T.: -0.005 min
Response: 648231105
Conc: 73.40 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

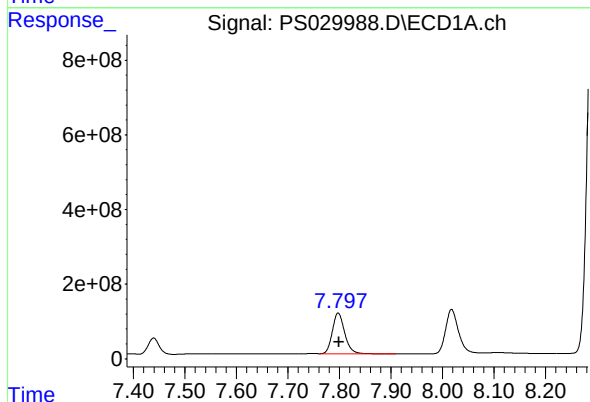
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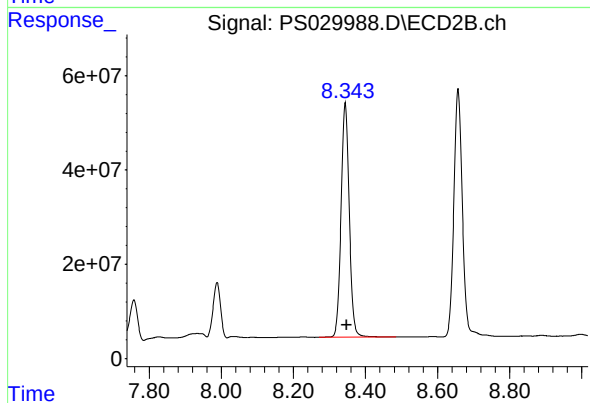
#7 MCPA

R.T.: 7.988 min
Delta R.T.: -0.007 min
Response: 173628525
Conc: 73.39 ug/ml



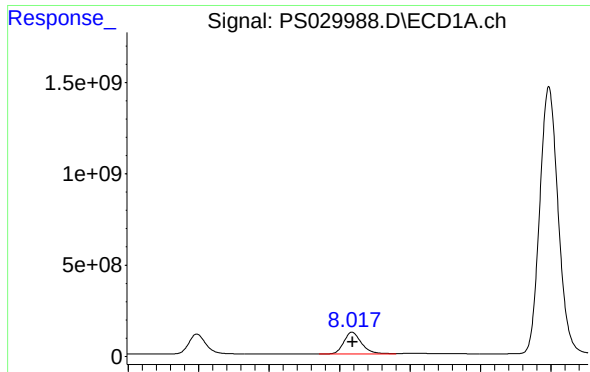
#8 DICHLORPROP

R.T.: 7.797 min
Delta R.T.: -0.002 min
Response: 1832369494
Conc: 723.08 ng/ml



#8 DICHLORPROP

R.T.: 8.344 min
Delta R.T.: -0.004 min
Response: 782503220
Conc: 779.41 ng/ml



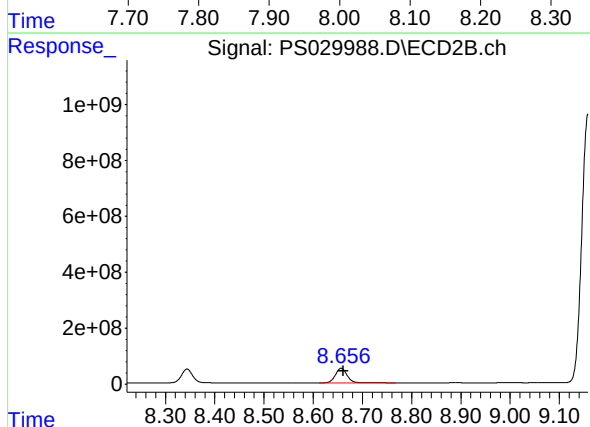
#9 2,4-D

R.T.: 8.018 min
Delta R.T.: -0.001 min
Response: 2081740672
Conc: 740.08 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

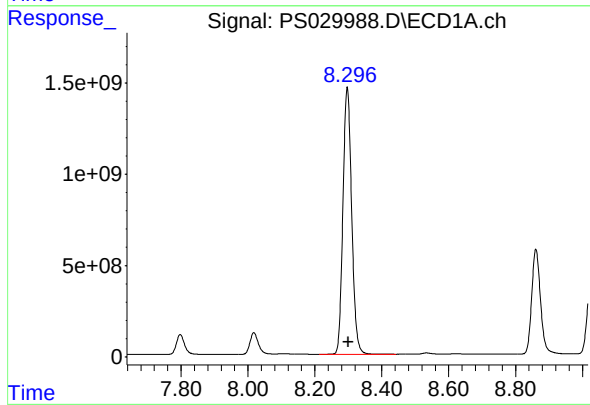
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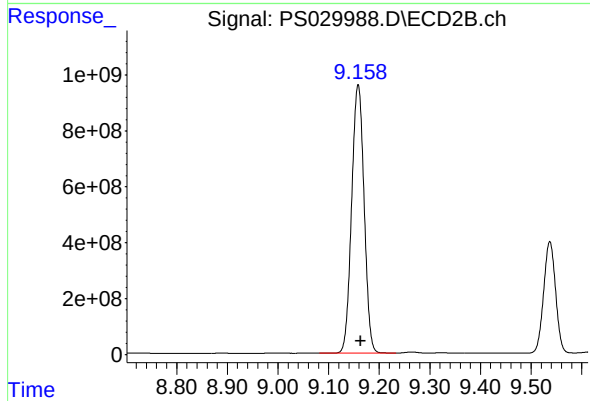
#9 2,4-D

R.T.: 8.657 min
Delta R.T.: -0.004 min
Response: 865506649
Conc: 767.90 ng/ml



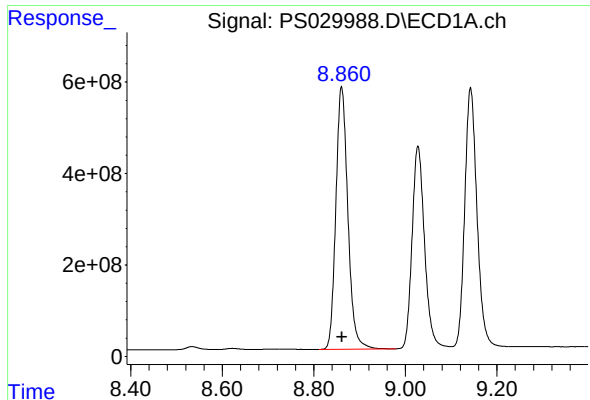
#10 Pentachlorophenol

R.T.: 8.297 min
Delta R.T.: -0.003 min
Response: 26506679578
Conc: 759.83 ng/ml



#10 Pentachlorophenol

R.T.: 9.158 min
Delta R.T.: -0.005 min
Response: 16430873624
Conc: 807.62 ng/ml



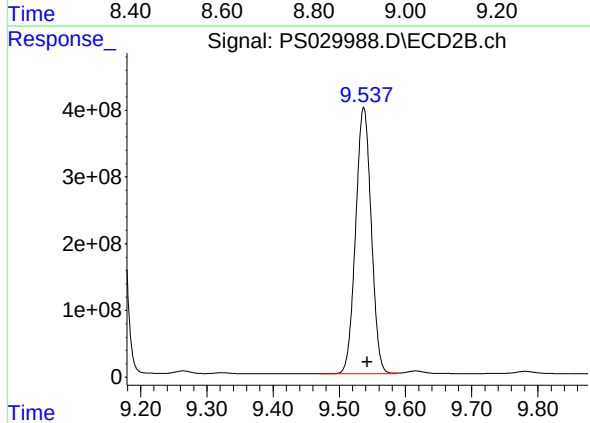
#11 2,4,5-TP (SILVEX)

R.T.: 8.861 min
Delta R.T.: -0.002 min
Response: 10436102227
Conc: 752.81 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

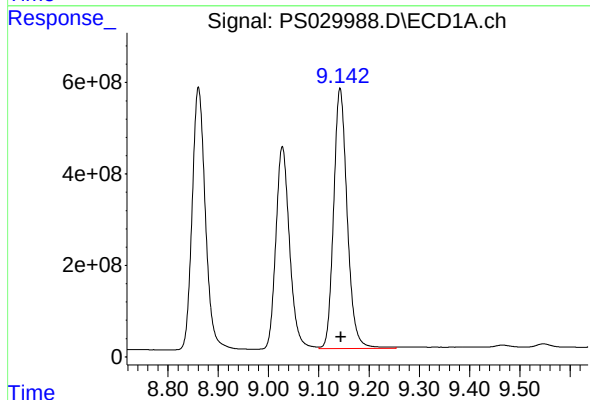
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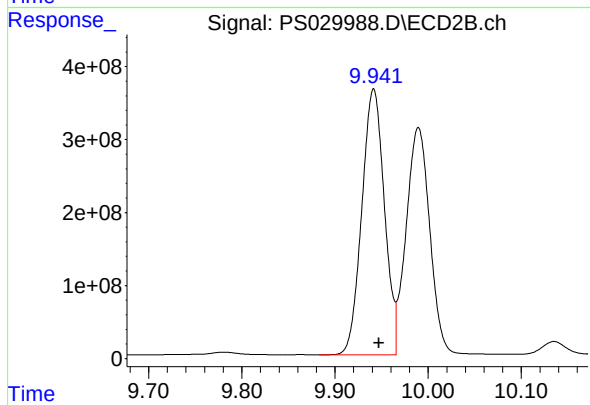
#11 2,4,5-TP (SILVEX)

R.T.: 9.537 min
Delta R.T.: -0.006 min
Response: 6535941967
Conc: 798.84 ng/ml



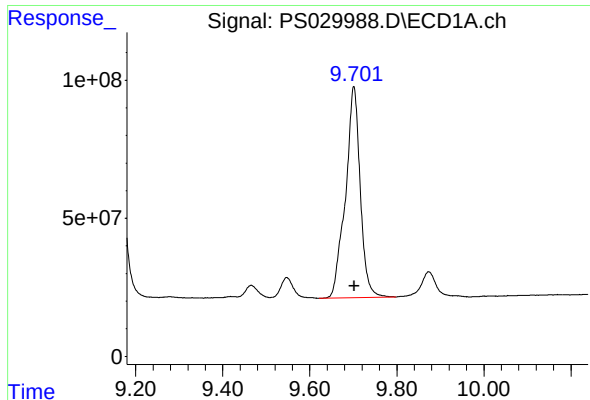
#12 2,4,5-T

R.T.: 9.142 min
Delta R.T.: -0.002 min
Response: 10678552049
Conc: 759.87 ng/ml



#12 2,4,5-T

R.T.: 9.942 min
Delta R.T.: -0.006 min
Response: 6126367355
Conc: 789.22 ng/ml



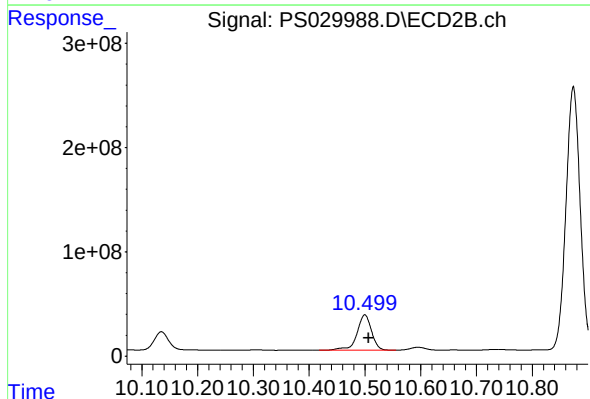
#13 2,4-DB

R.T.: 9.701 min
Delta R.T.: 0.000 min
Response: 1802139447
Conc: 788.56 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

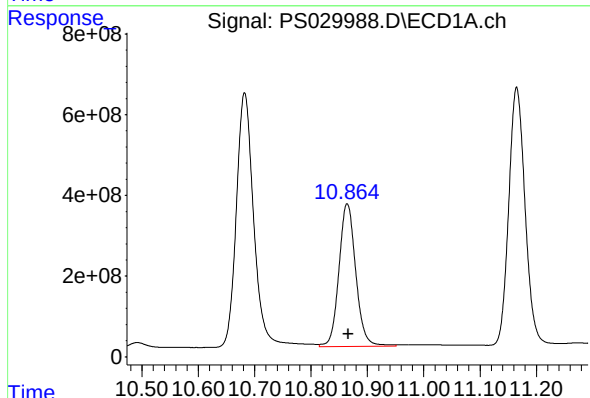
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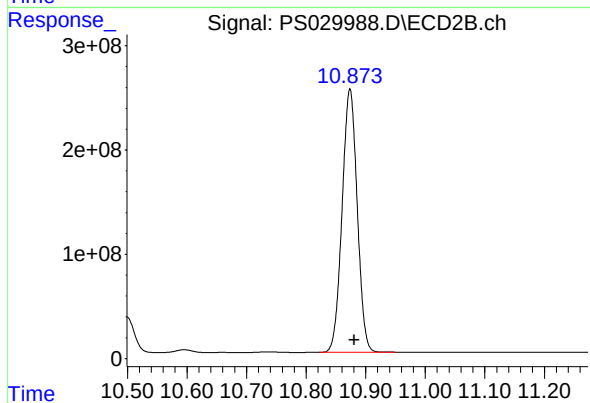
#13 2,4-DB

R.T.: 10.500 min
Delta R.T.: -0.007 min
Response: 616534984
Conc: 766.03 ng/ml



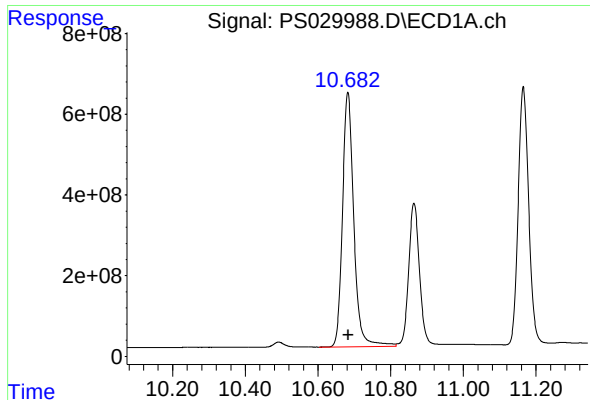
#14 DINOSEB

R.T.: 10.864 min
Delta R.T.: -0.002 min
Response: 7335677646
Conc: 721.06 ng/ml



#14 DINOSEB

R.T.: 10.874 min
Delta R.T.: -0.007 min
Response: 4448995727
Conc: 762.99 ng/ml



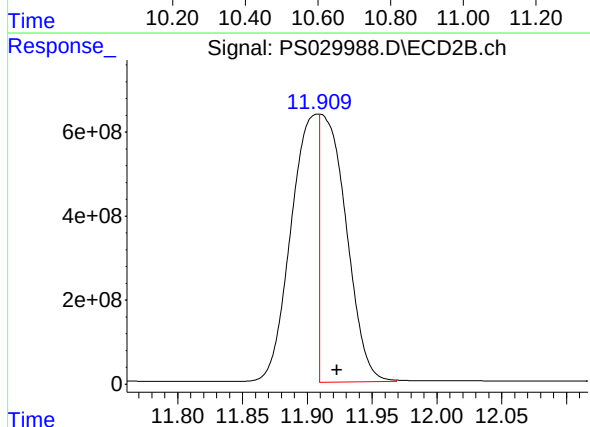
#15 Picloram

R.T.: 10.682 min
Delta R.T.: -0.001 min
Response: 13605415685
Conc: 742.22 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

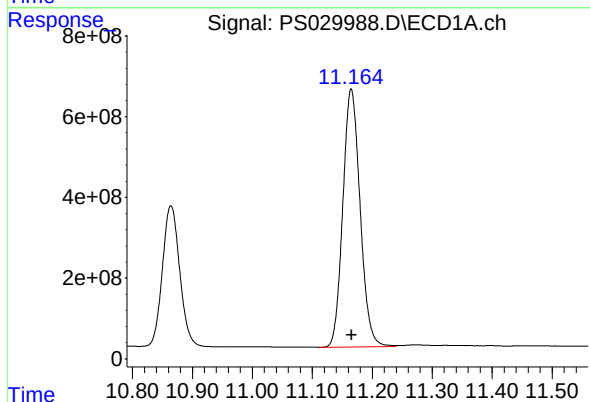
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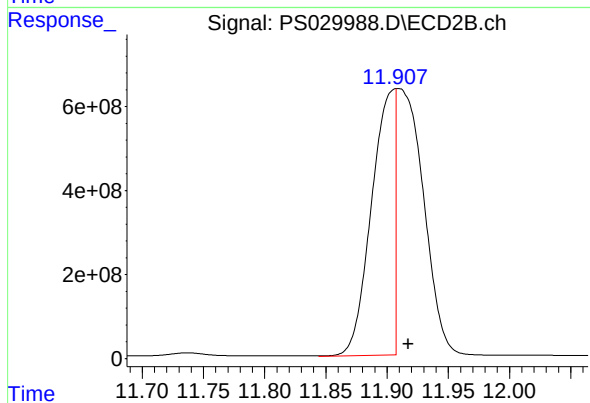
#15 Picloram

R.T.: 11.909 min
Delta R.T.: -0.014 min
Response: 8966622974
Conc: 729.96 ng/ml m



#16 DCPA

R.T.: 11.165 min
Delta R.T.: -0.001 min
Response: 12788378837
Conc: 751.33 ng/ml



#16 DCPA

R.T.: 11.907 min
Delta R.T.: -0.011 min
Response: 8285529677
Conc: 735.08 ng/ml m