

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS042325\
 Data File : PS029935.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Apr 2025 17:26
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/24/2025
 Supervised By : mohammad ahmed 04/26/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 24 00:23:09 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	6.942	7.467	1880.6E6	545.0E6	764.130	773.626
Target Compounds							
1) T	Dalapon	2.449	2.525	2848.4E6	1204.5E6	695.527	693.807
2) T	3,5-DICHL...	6.146	6.463	2545.6E6	710.1E6	712.285	726.357
3) T	4-Nitroph...	6.732	7.001	1249.5E6	536.4E6	700.657	700.390
5) T	DICAMBA	7.118	7.653	7230.1E6	2953.3E6	730.099	747.670
6) T	MCPD	7.297	7.761	491.4E6	132.5E6	76.265	75.777
7) T	MCPA	7.440	7.991	654.1E6	175.9E6	74.062	74.366
8) T	DICHLORPROP	7.799	8.347	1807.9E6	732.4E6	713.414	729.512
9) T	2,4-D	8.019	8.661	2020.6E6	822.1E6	718.345	729.386
10) T	Pentachlo...	8.298	9.163	26069.7E6	15415.1E6	747.303	757.691
11) T	2,4,5-TP ...	8.862	9.541	10221.8E6	6175.9E6	737.353	754.834
12) T	2,4,5-T	9.145	9.946	10387.2E6	5806.7E6	739.142	748.033
13) T	2,4-DB	9.703	10.505	1682.6E6	607.8E6	736.235	755.200
14) T	DINOSEB	10.866	10.879	7374.8E6	4267.6E6	724.908	731.876
15) T	Picloram	10.685	11.916	12957.2E6	8635.9E6	706.859	703.044m
16) T	DCPA	11.167	11.914	12716.0E6	8730.1E6	747.076	774.522m

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

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Acq On : 23 Apr 2025 17:26
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 5 Sample Multiplier: 1

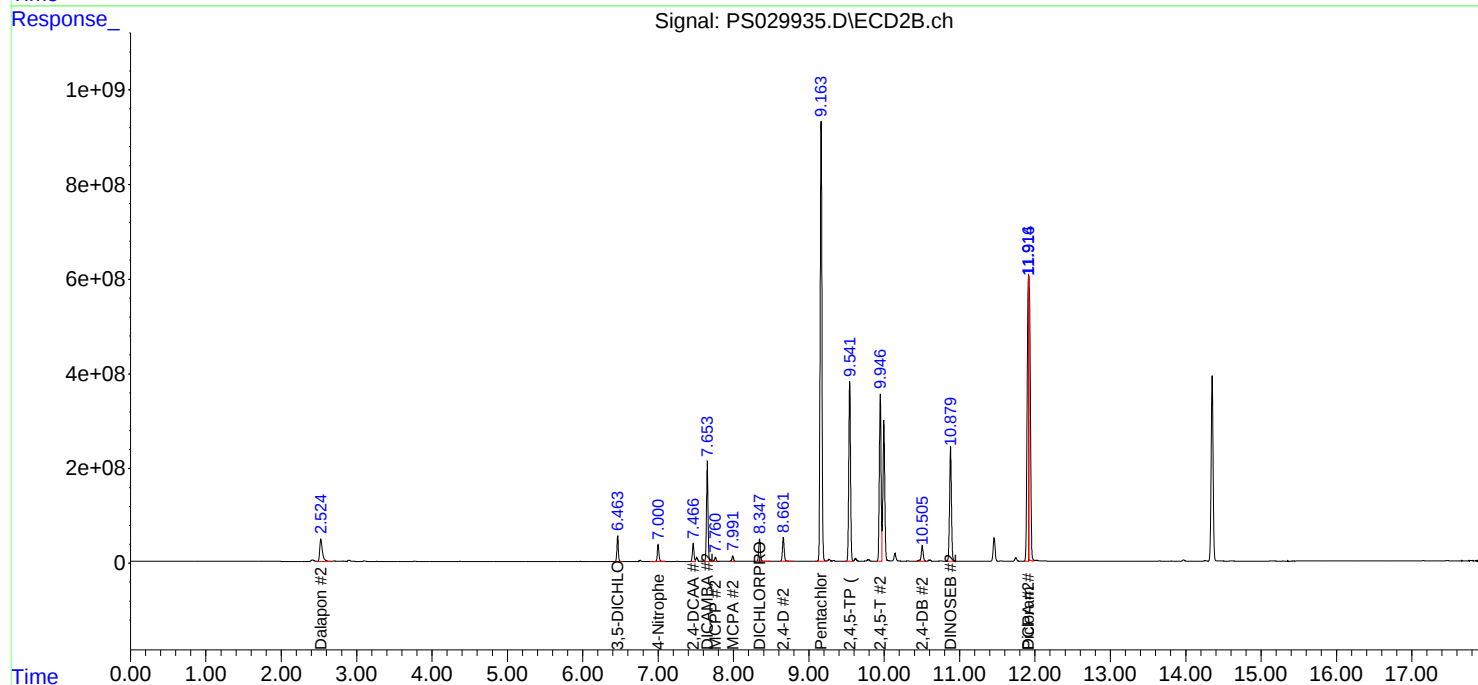
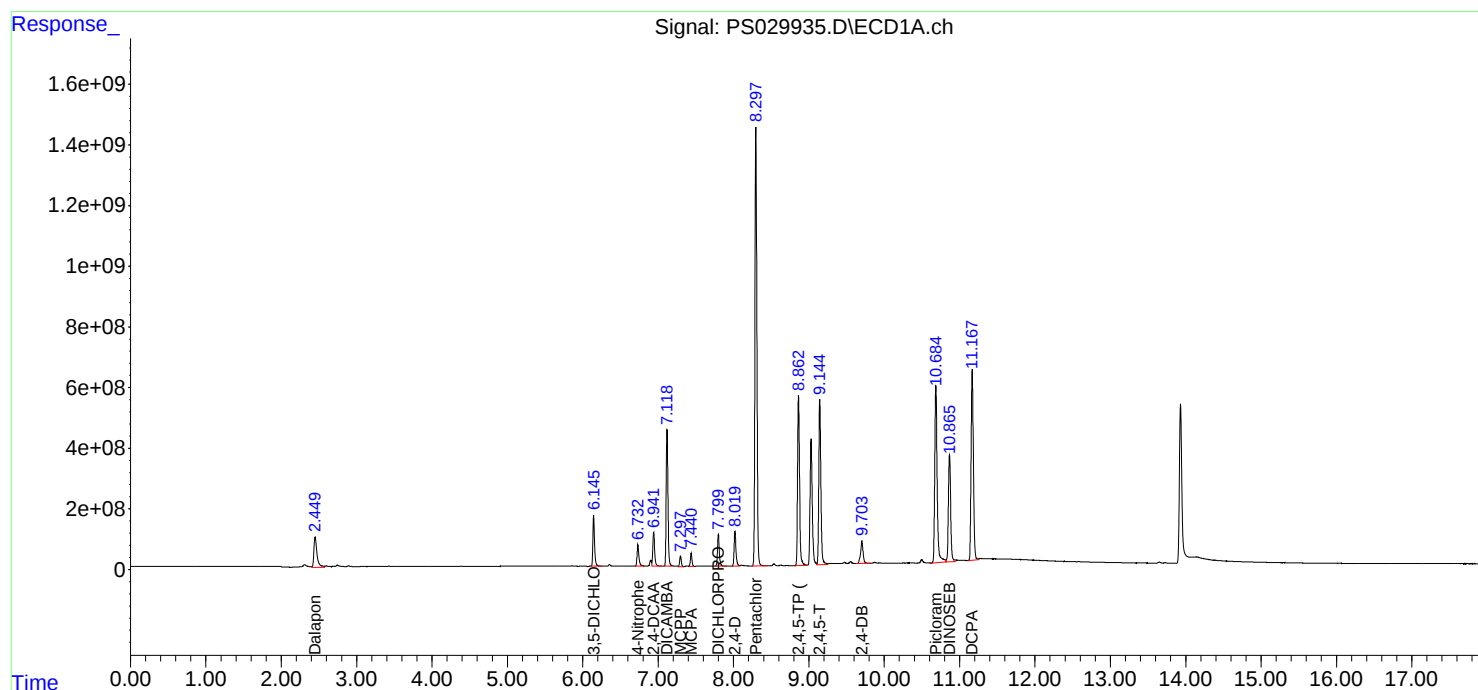
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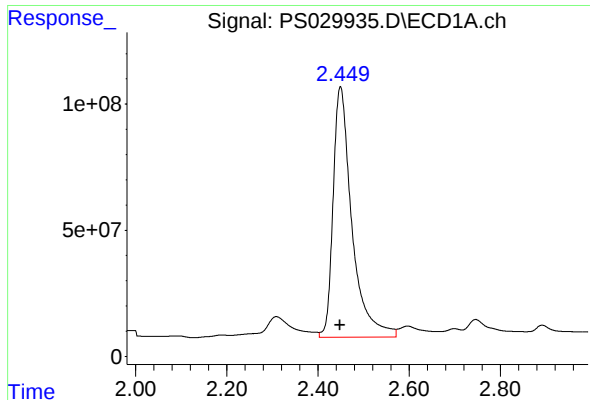
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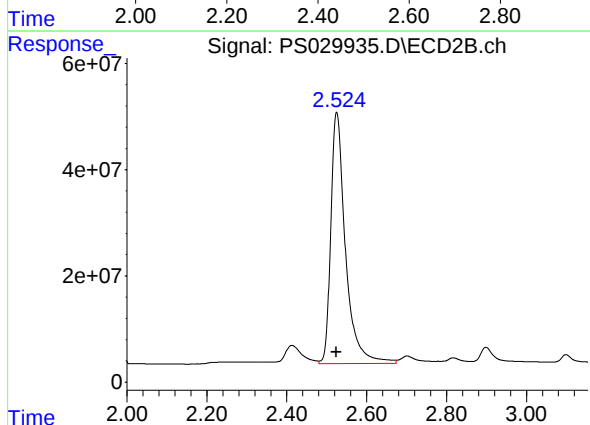
#1 Dalapon

R.T.: 2.449 min
Delta R.T.: 0.001 min
Response: 2848364318
Conc: 695.53 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

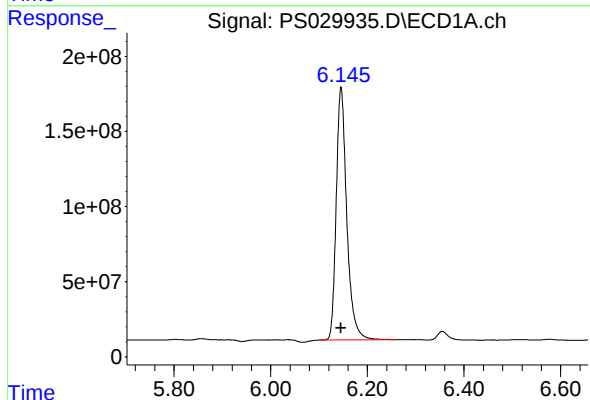
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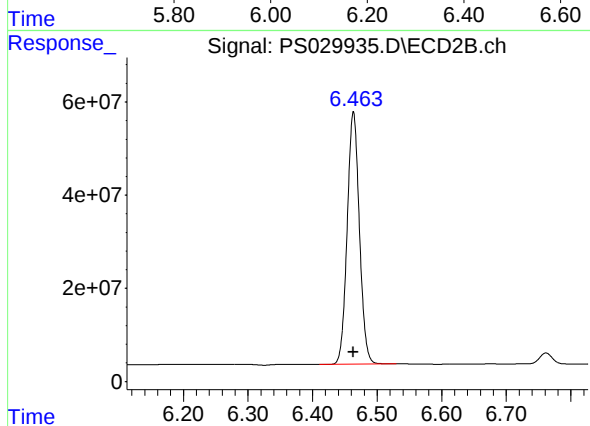
#1 Dalapon

R.T.: 2.525 min
Delta R.T.: 0.000 min
Response: 1204547955
Conc: 693.81 ng/ml



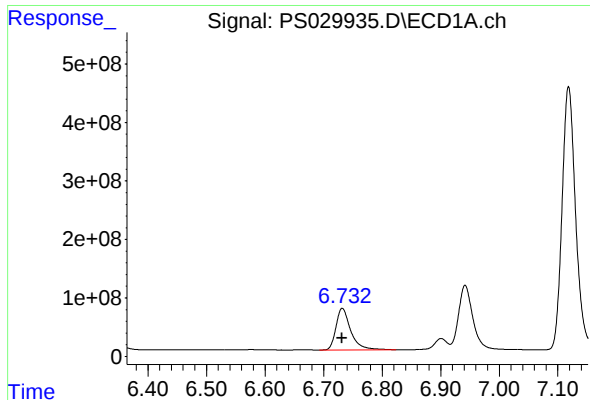
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.146 min
Delta R.T.: 0.000 min
Response: 2545555911
Conc: 712.29 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.463 min
Delta R.T.: 0.000 min
Response: 710071250
Conc: 726.36 ng/ml



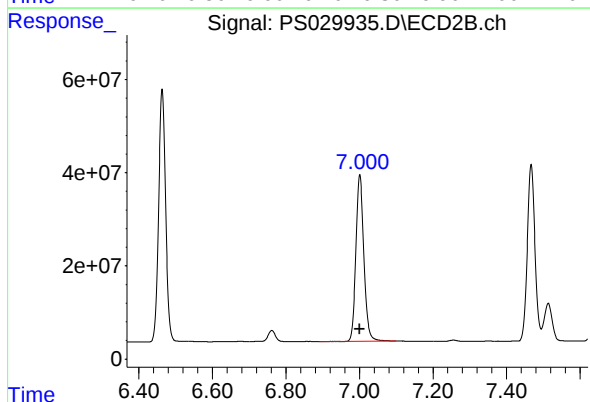
#3 4-Nitrophenol

R.T.: 6.732 min
Delta R.T.: 0.000 min
Response: 1249496386
Conc: 700.66 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

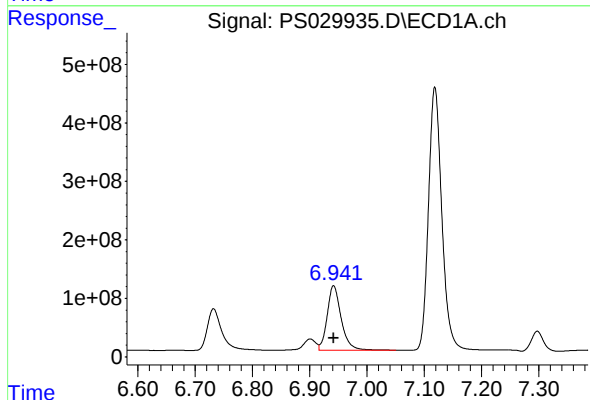
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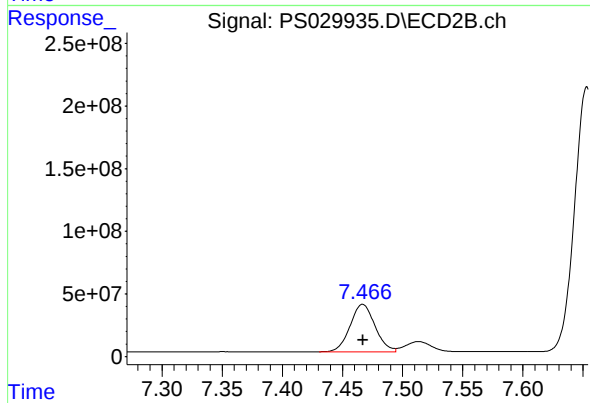
#3 4-Nitrophenol

R.T.: 7.001 min
Delta R.T.: 0.000 min
Response: 536443323
Conc: 700.39 ng/ml



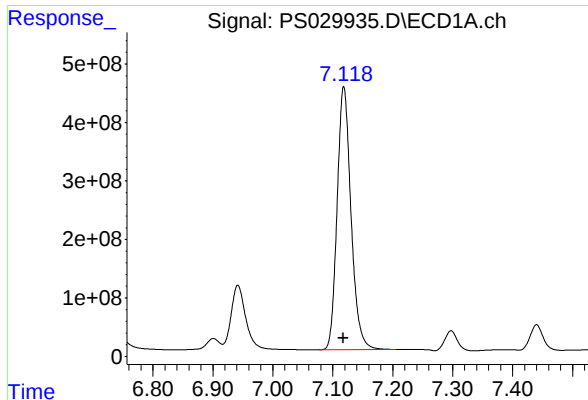
#4 2,4-DCAA

R.T.: 6.942 min
Delta R.T.: 0.000 min
Response: 1880584082
Conc: 764.13 ng/ml



#4 2,4-DCAA

R.T.: 7.467 min
Delta R.T.: 0.000 min
Response: 545032349
Conc: 773.63 ng/ml



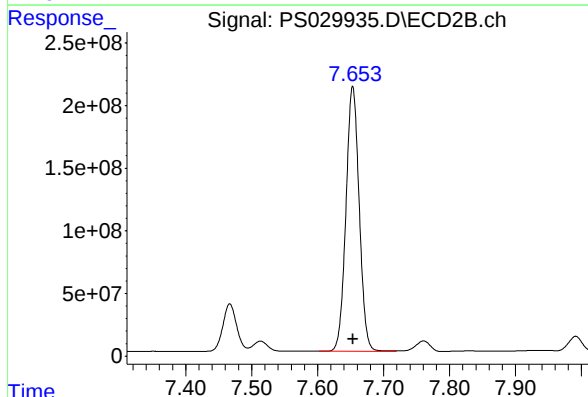
#5 DICAMBA

R.T.: 7.118 min
Delta R.T.: 0.000 min
Response: 7230074765
Conc: 730.10 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

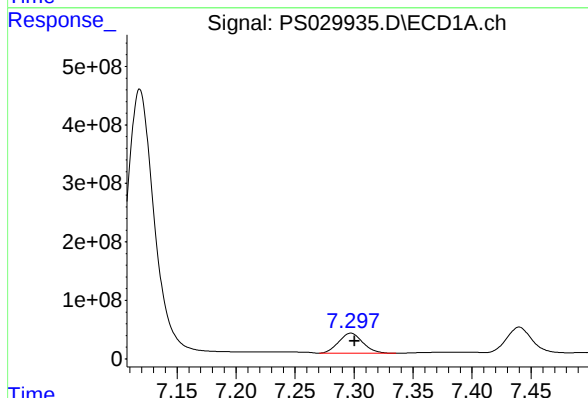
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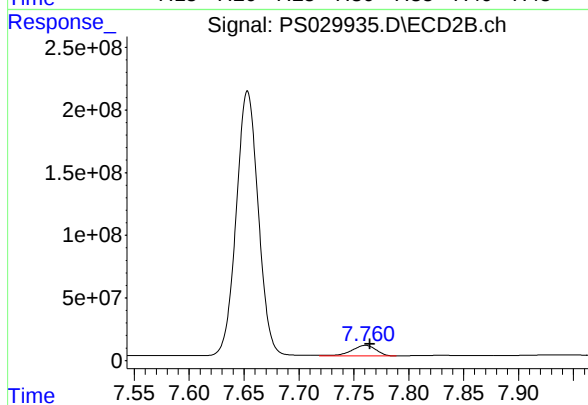
#5 DICAMBA

R.T.: 7.653 min
Delta R.T.: 0.000 min
Response: 2953344606
Conc: 747.67 ng/ml



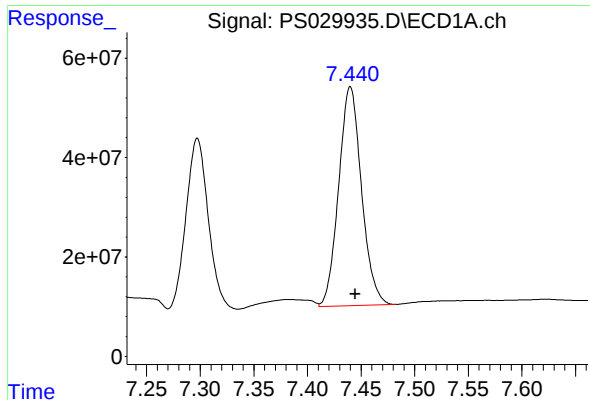
#6 MCPP

R.T.: 7.297 min
Delta R.T.: -0.003 min
Response: 491425710
Conc: 76.27 ug/ml



#6 MCPP

R.T.: 7.761 min
Delta R.T.: -0.004 min
Response: 132530384
Conc: 75.78 ug/ml



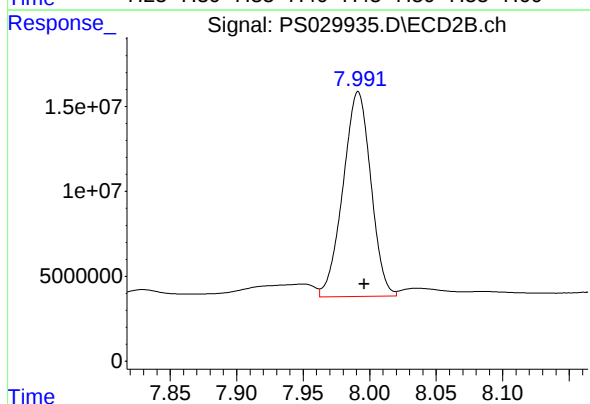
#7 MCPA

R.T.: 7.440 min
Delta R.T.: -0.004 min
Response: 654065957
Conc: 74.06 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

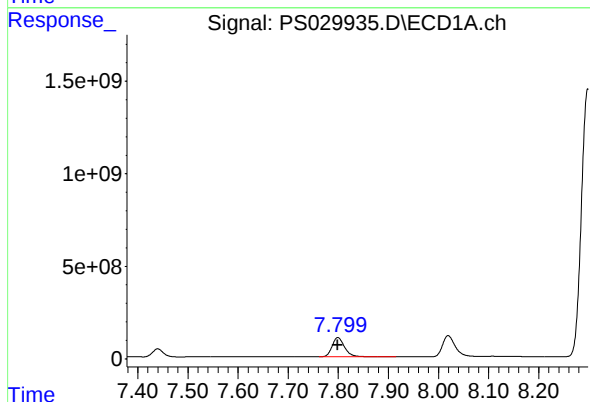
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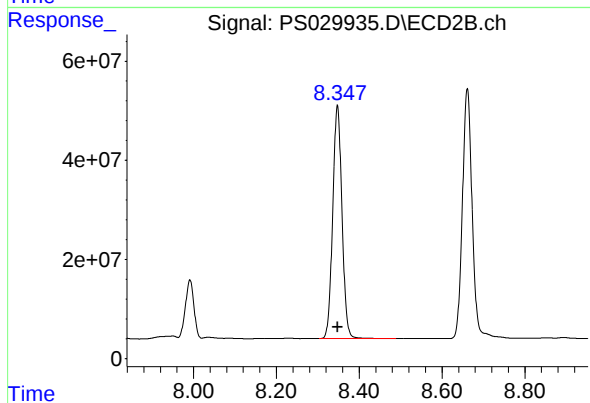
#7 MCPA

R.T.: 7.991 min
Delta R.T.: -0.004 min
Response: 175934948
Conc: 74.37 ug/ml



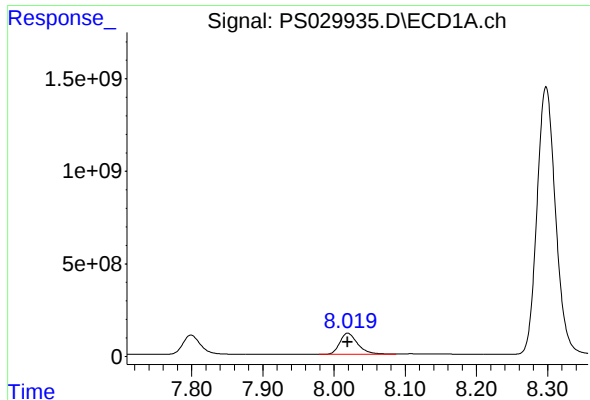
#8 DICHLORPROP

R.T.: 7.799 min
Delta R.T.: 0.000 min
Response: 1807868077
Conc: 713.41 ng/ml



#8 DICHLORPROP

R.T.: 8.347 min
Delta R.T.: 0.000 min
Response: 732404185
Conc: 729.51 ng/ml



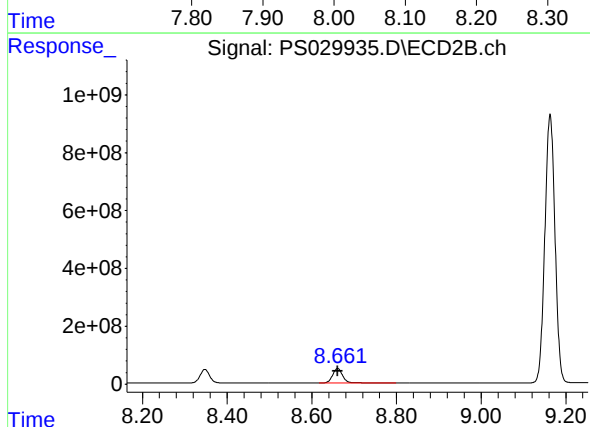
#9 2,4-D

R.T.: 8.019 min
Delta R.T.: 0.000 min
Response: 2020610806
Conc: 718.34 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

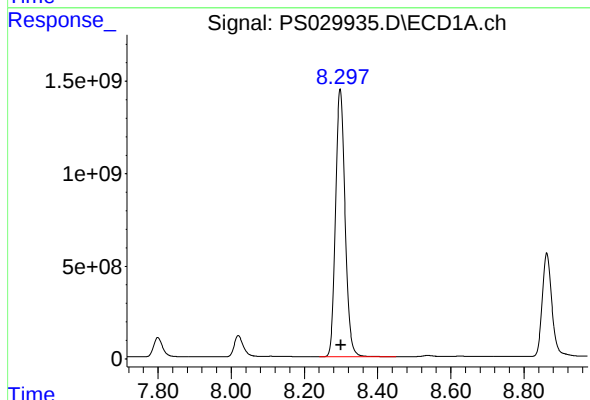
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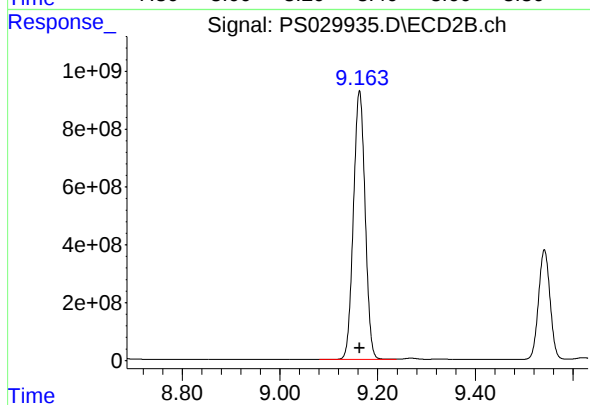
#9 2,4-D

R.T.: 8.661 min
Delta R.T.: 0.000 min
Response: 822096490
Conc: 729.39 ng/ml



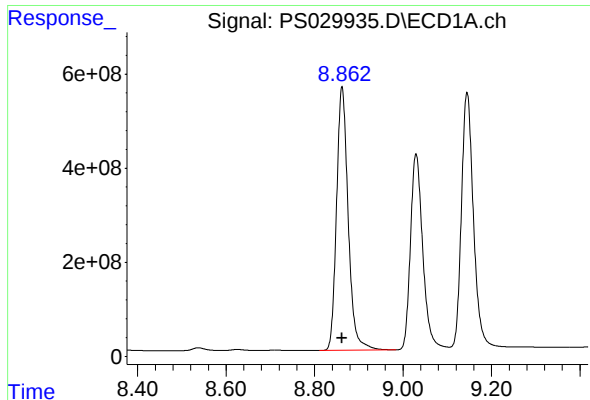
#10 Pentachlorophenol

R.T.: 8.298 min
Delta R.T.: -0.002 min
Response: 26069684559
Conc: 747.30 ng/ml



#10 Pentachlorophenol

R.T.: 9.163 min
Delta R.T.: 0.000 min
Response: 15415091623
Conc: 757.69 ng/ml



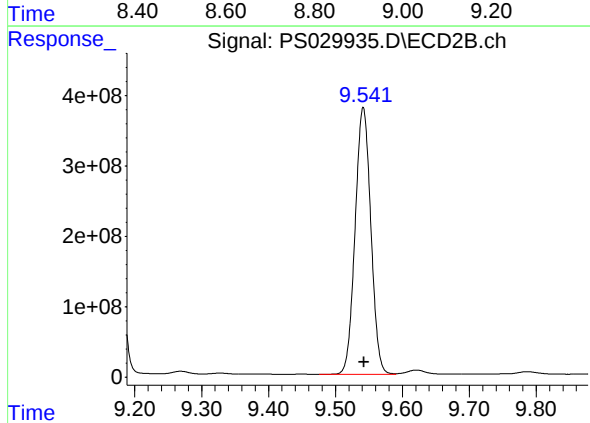
#11 2,4,5-TP (SILVEX)

R.T.: 8.862 min
Delta R.T.: 0.000 min
Response: 10221800450
Conc: 737.35 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

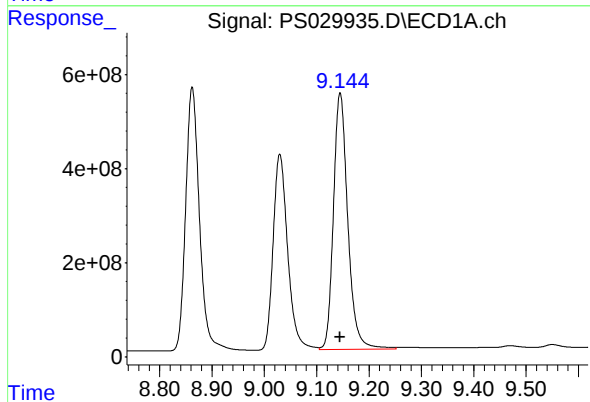
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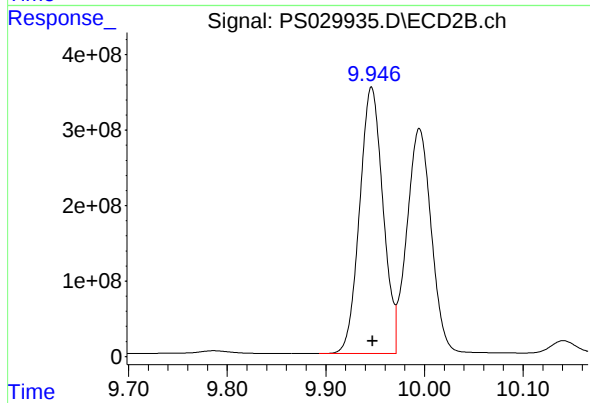
#11 2,4,5-TP (SILVEX)

R.T.: 9.541 min
Delta R.T.: -0.001 min
Response: 6175863408
Conc: 754.83 ng/ml



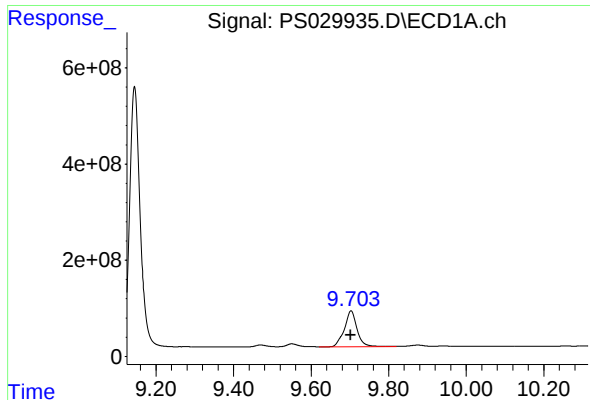
#12 2,4,5-T

R.T.: 9.145 min
Delta R.T.: 0.000 min
Response: 10387243912
Conc: 739.14 ng/ml



#12 2,4,5-T

R.T.: 9.946 min
Delta R.T.: 0.000 min
Response: 5806677652
Conc: 748.03 ng/ml



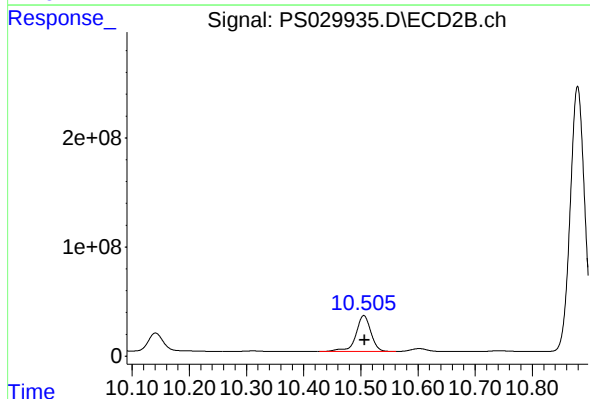
#13 2,4-DB

R.T.: 9.703 min
Delta R.T.: 0.000 min
Response: 1682559654
Conc: 736.24 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

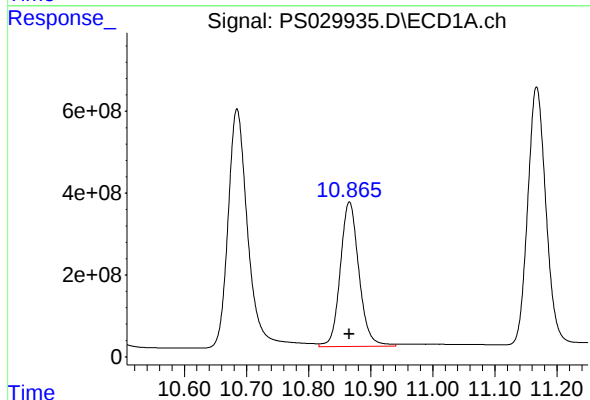
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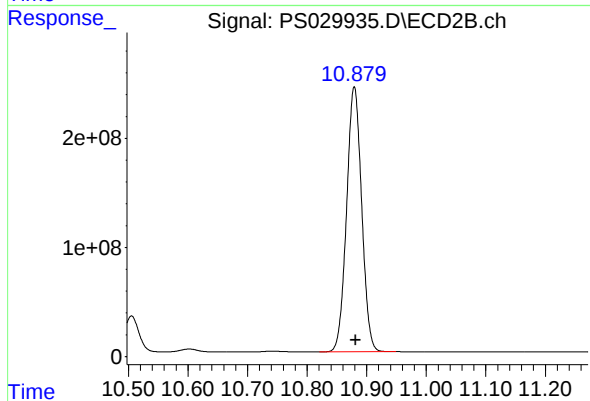
#13 2,4-DB

R.T.: 10.505 min
Delta R.T.: -0.001 min
Response: 607816770
Conc: 755.20 ng/ml



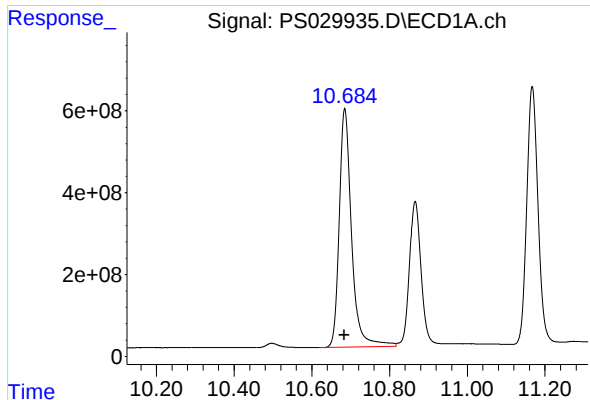
#14 DINOSEB

R.T.: 10.866 min
Delta R.T.: 0.000 min
Response: 7374795977
Conc: 724.91 ng/ml



#14 DINOSEB

R.T.: 10.879 min
Delta R.T.: -0.002 min
Response: 4267557726
Conc: 731.88 ng/ml



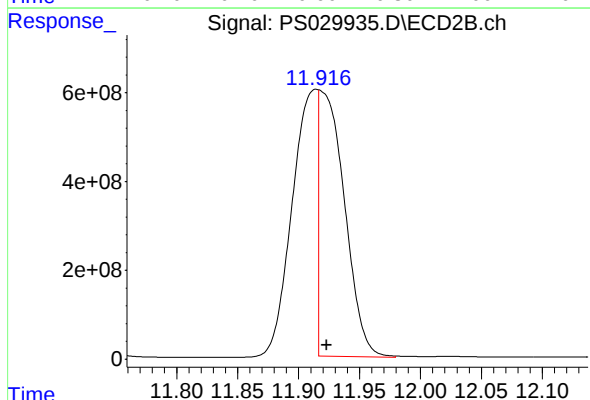
#15 Picloram

R.T.: 10.685 min
Delta R.T.: 0.001 min
Response: 12957159169
Conc: 706.86 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

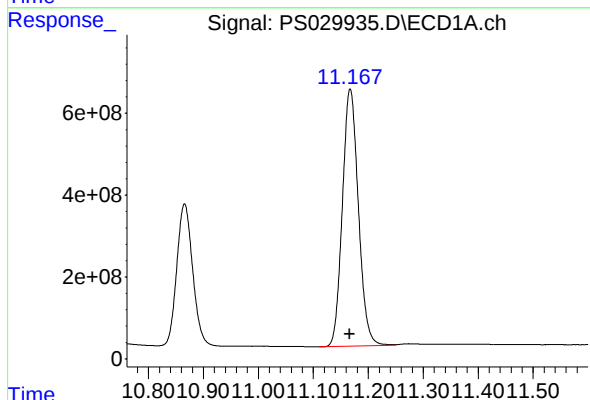
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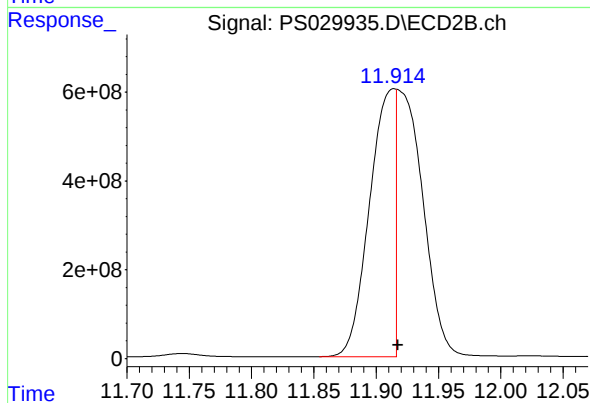
#15 Picloram

R.T.: 11.916 min
Delta R.T.: -0.007 min
Response: 8635942799
Conc: 703.04 ng/ml m



#16 DCPA

R.T.: 11.167 min
Delta R.T.: 0.001 min
Response: 12715974709
Conc: 747.08 ng/ml



#16 DCPA

R.T.: 11.914 min
Delta R.T.: -0.004 min
Response: 8730144590
Conc: 774.52 ng/ml m