

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS042325\
 Data File : PS029954.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Apr 2025 04:15
 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 06:07:55 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	7.465	2014.4E6	619.1E6	818.517	878.805
Target Compounds							
1) T	Dalapon	2.450	2.525	3142.6E6	1358.2E6	767.367	782.288
2) T	3,5-DICHL...	6.145	6.462	2745.8E6	801.7E6	768.320	820.113
3) T	4-Nitroph...	6.731	6.999	1331.8E6	601.7E6	746.835	785.584
5) T	DICAMBA	7.118	7.650	7826.6E6	3335.5E6	790.335	844.406m
6) T	MCP	7.296	7.758	532.9E6	130.5E6	82.696	74.643m
7) T	MCPA	7.439	7.989	705.0E6	193.7E6	79.826	81.882
8) T	DICHLORPROP	7.798	8.345	1947.0E6	830.1E6	768.336	826.799
9) T	2,4-D	8.018	8.658	2185.7E6	926.1E6	777.048	821.686
10) T	Pentachlo...	8.296	9.159	28068.9E6	17378.7E6	804.612	854.209
11) T	2,4,5-TP ...	8.861	9.537	11098.7E6	6976.0E6	800.610	852.634
12) T	2,4,5-T	9.143	9.942	11289.4E6	6532.5E6	803.338	841.531
13) T	2,4-DB	9.701	10.500	1848.4E6	681.8E6	808.811	847.075
14) T	DINOSEB	10.864	10.874	8027.0E6	4815.7E6	789.019	825.887
15) T	Picloram	10.682	11.913	14619.1E6	9152.2E6	797.524	745.071m
16) T	DCPA	11.164	11.908	13811.2E6	9154.9E6	811.418	812.209m

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

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Acq On : 24 Apr 2025 04:15
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 5 Sample Multiplier: 1

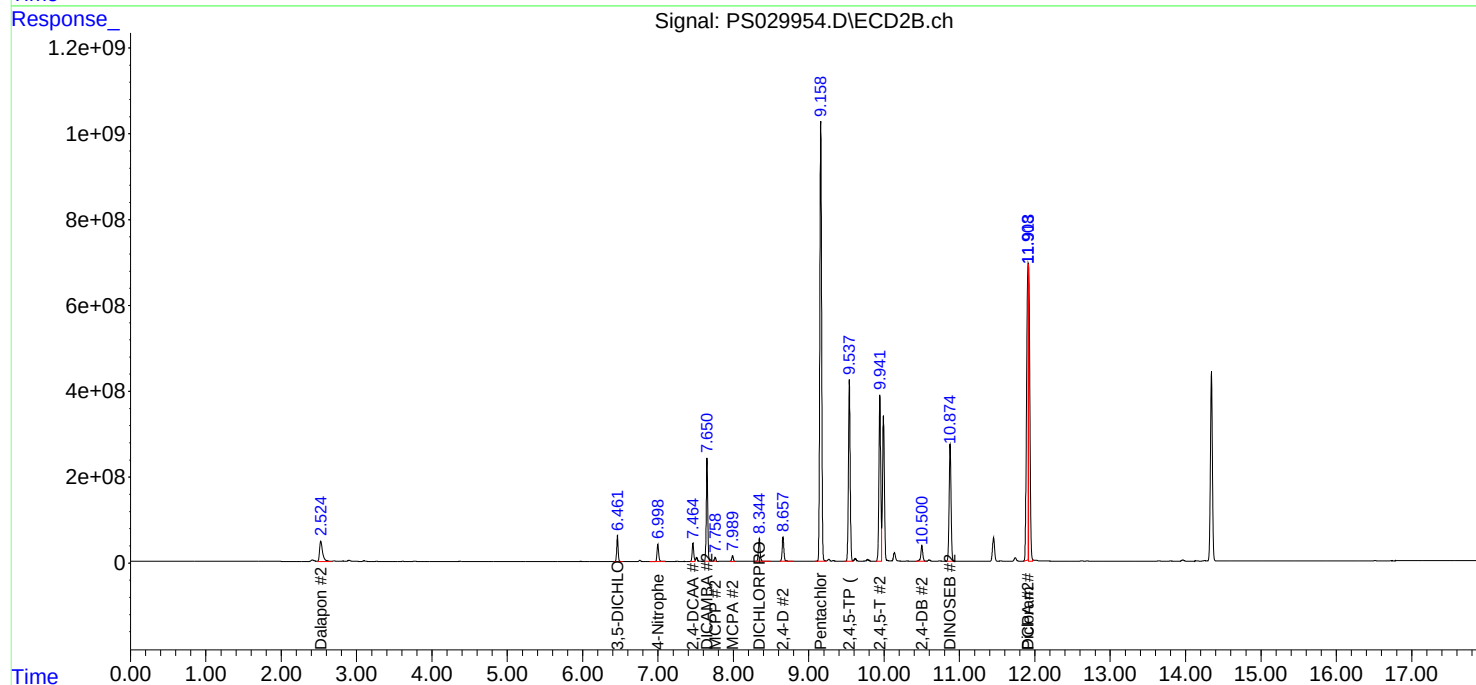
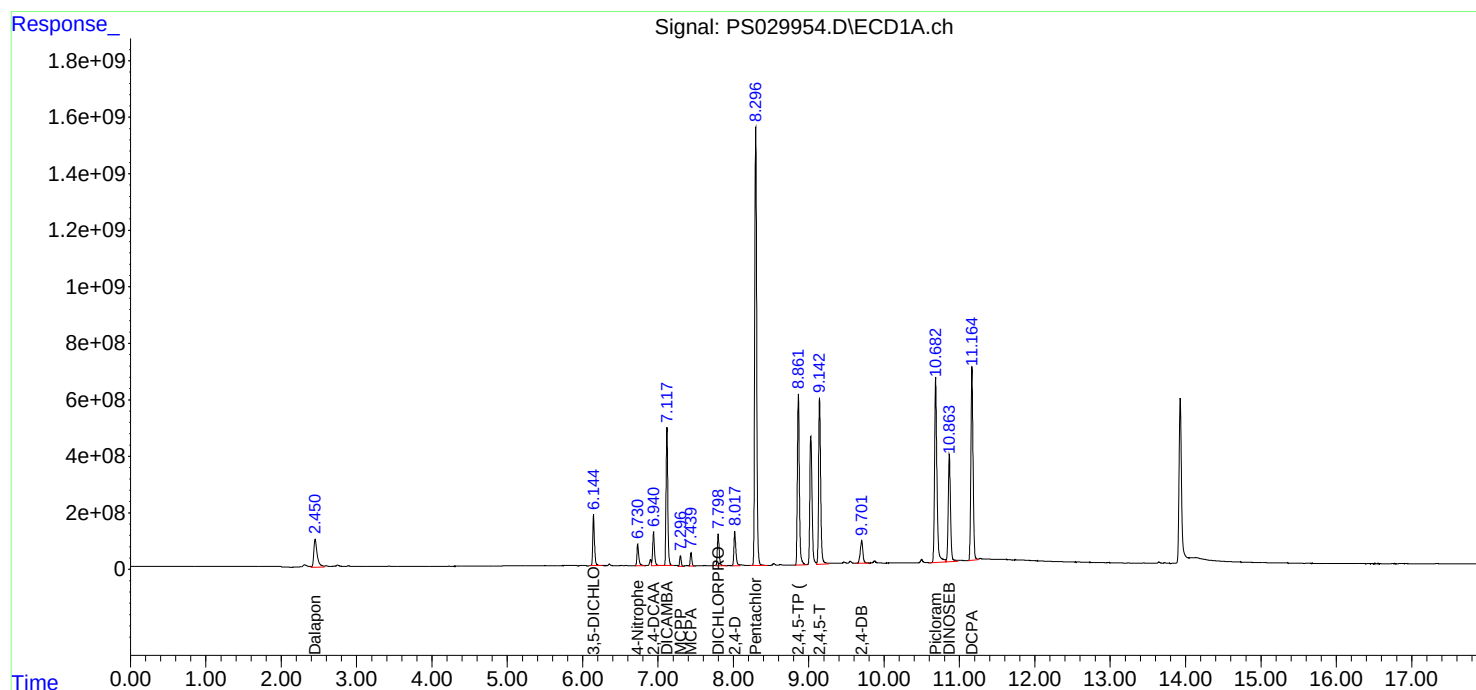
Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

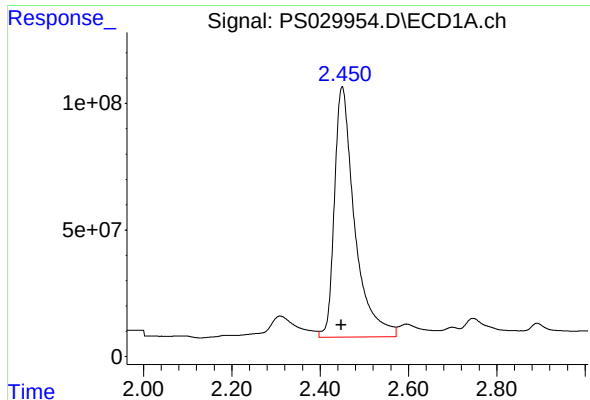
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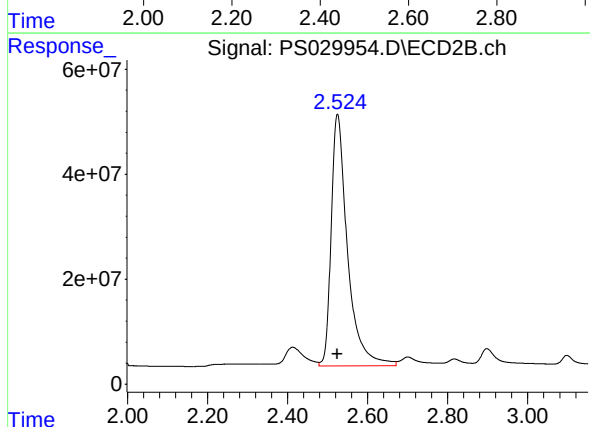
#1 Dalapon

R.T.: 2.450 min
Delta R.T.: 0.002 min
Response: 3142564710
Conc: 767.37 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

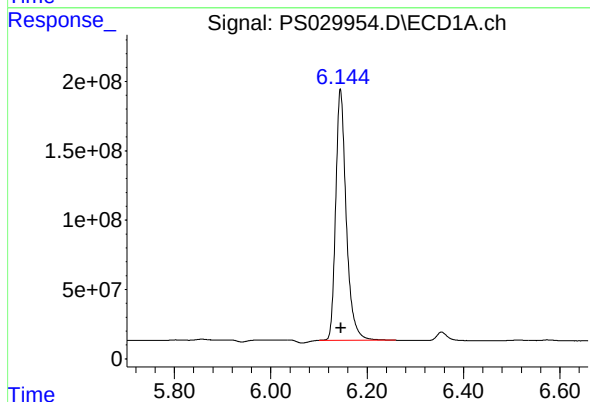
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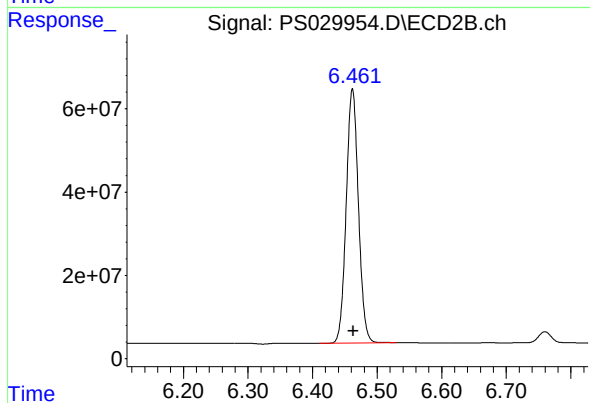
#1 Dalapon

R.T.: 2.525 min
Delta R.T.: 0.000 min
Response: 1358163982
Conc: 782.29 ng/ml



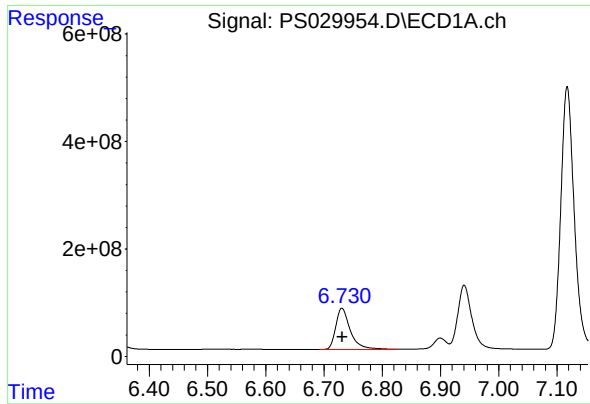
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.145 min
Delta R.T.: 0.000 min
Response: 2745810482
Conc: 768.32 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.462 min
Delta R.T.: -0.001 min
Response: 801725274
Conc: 820.11 ng/ml



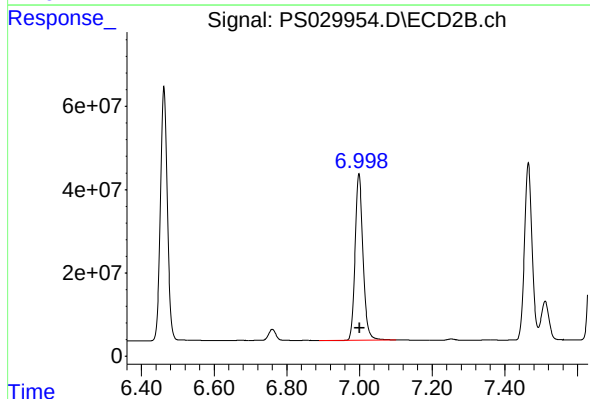
#3 4-Nitrophenol

R.T.: 6.731 min
Delta R.T.: 0.000 min
Response: 1331845881
Conc: 746.84 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

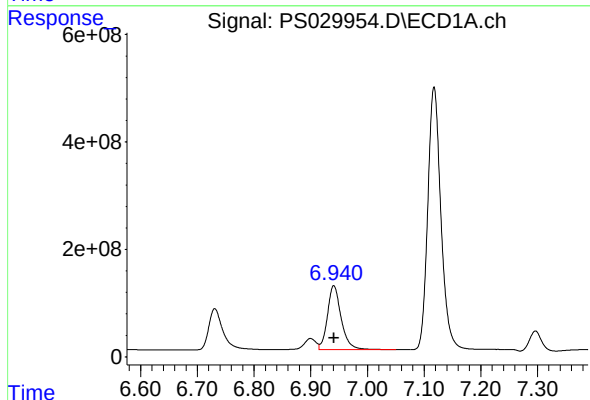
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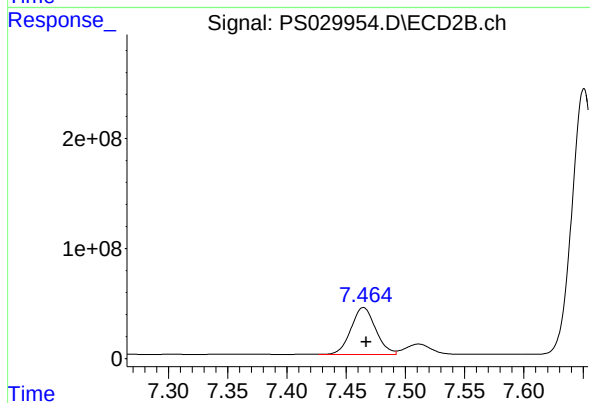
#3 4-Nitrophenol

R.T.: 6.999 min
Delta R.T.: -0.002 min
Response: 601695867
Conc: 785.58 ng/ml



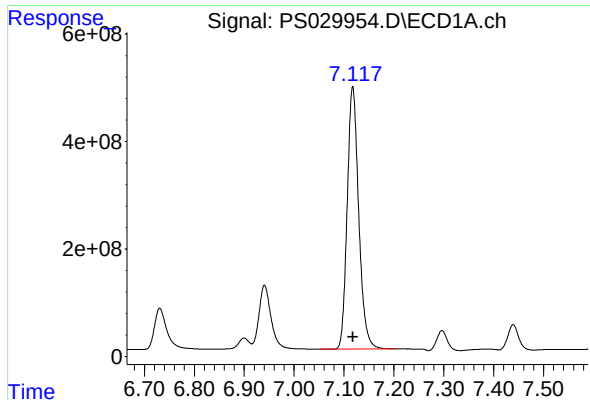
#4 2,4-DCAA

R.T.: 6.941 min
Delta R.T.: 0.000 min
Response: 2014435492
Conc: 818.52 ng/ml



#4 2,4-DCAA

R.T.: 7.465 min
Delta R.T.: -0.002 min
Response: 619132768
Conc: 878.80 ng/ml



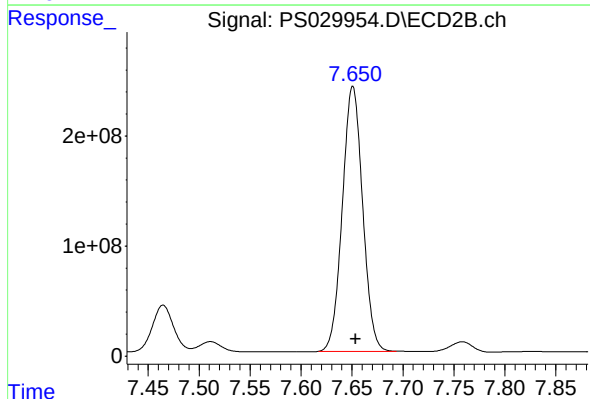
#5 DICAMBA

R.T.: 7.118 min
Delta R.T.: 0.000 min
Response: 7826578432
Conc: 790.33 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

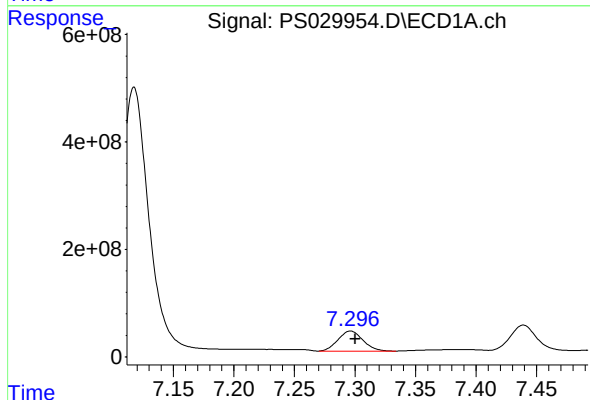
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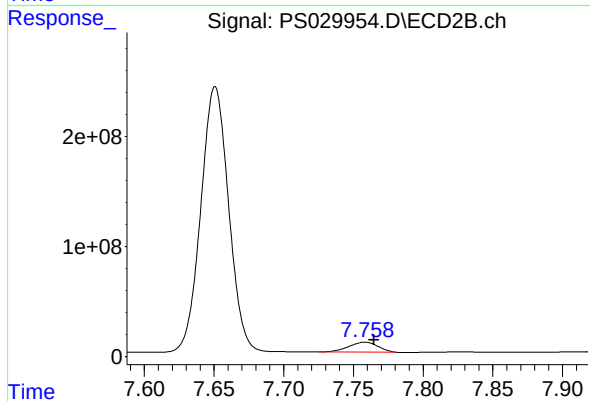
#5 DICAMBA

R.T.: 7.650 min
Delta R.T.: -0.003 min
Response: 3335458525
Conc: 844.41 ng/ml



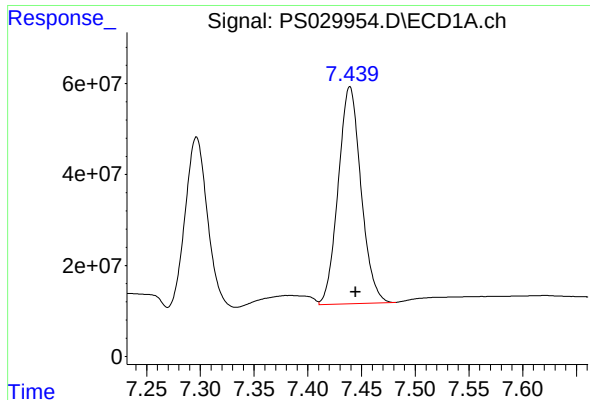
#6 MCPP

R.T.: 7.296 min
Delta R.T.: -0.004 min
Response: 532864244
Conc: 82.70 ug/ml



#6 MCPP

R.T.: 7.758 min
Delta R.T.: -0.007 min
Response: 130546775
Conc: 74.64 ug/ml



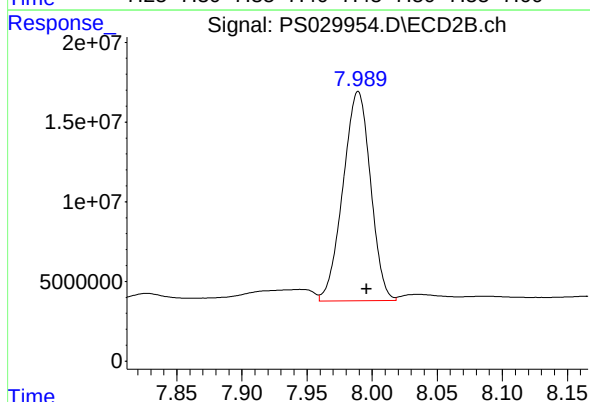
#7 MCPA

R.T.: 7.439 min
Delta R.T.: -0.005 min
Response: 704974124
Conc: 79.83 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

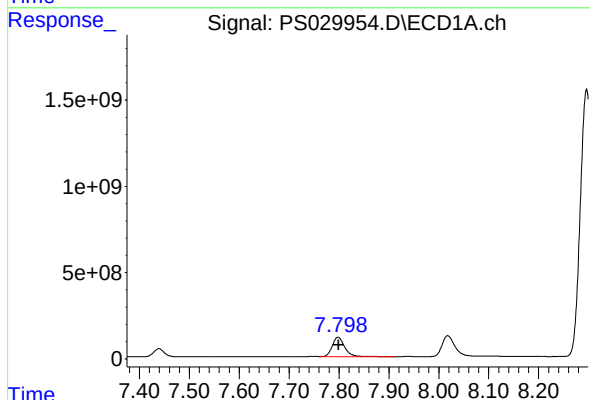
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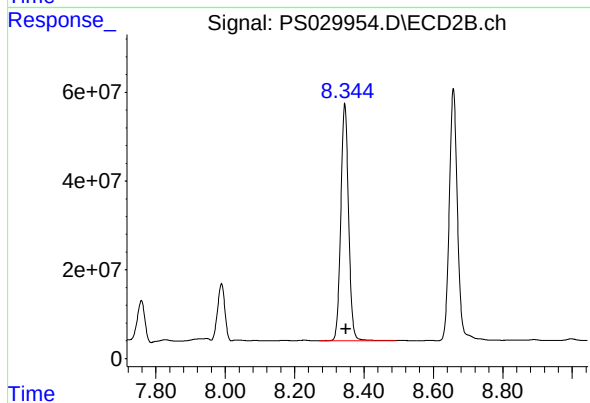
#7 MCPA

R.T.: 7.989 min
Delta R.T.: -0.006 min
Response: 193717621
Conc: 81.88 ug/ml



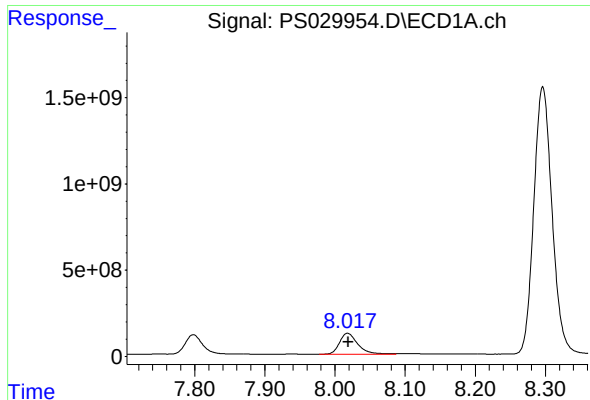
#8 DICHLORPROP

R.T.: 7.798 min
Delta R.T.: 0.000 min
Response: 1947046615
Conc: 768.34 ng/ml



#8 DICHLORPROP

R.T.: 8.345 min
Delta R.T.: -0.003 min
Response: 830076836
Conc: 826.80 ng/ml



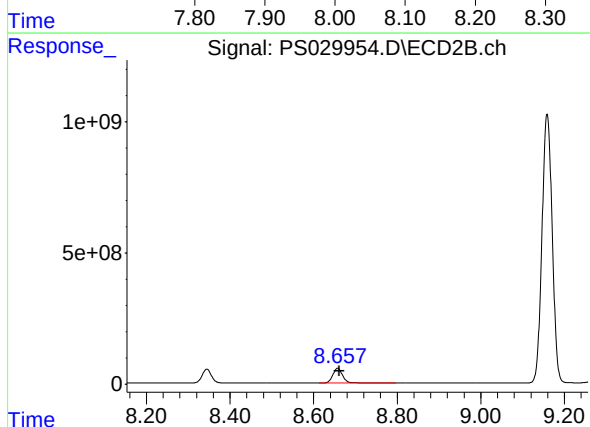
#9 2,4-D

R.T.: 8.018 min
Delta R.T.: 0.000 min
Response: 2185735471
Conc: 777.05 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

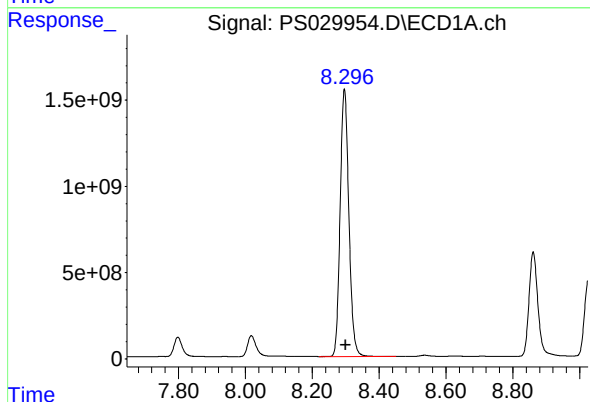
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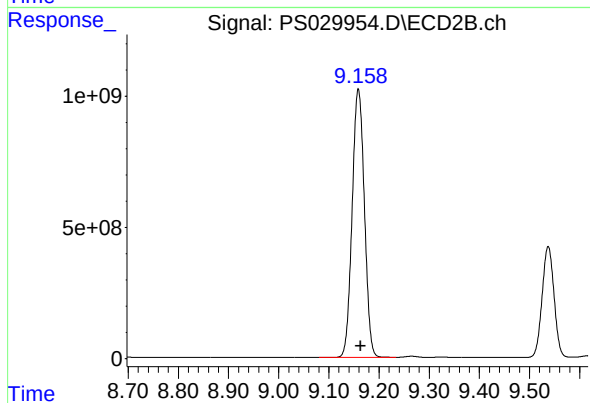
#9 2,4-D

R.T.: 8.658 min
Delta R.T.: -0.004 min
Response: 926128320
Conc: 821.69 ng/ml



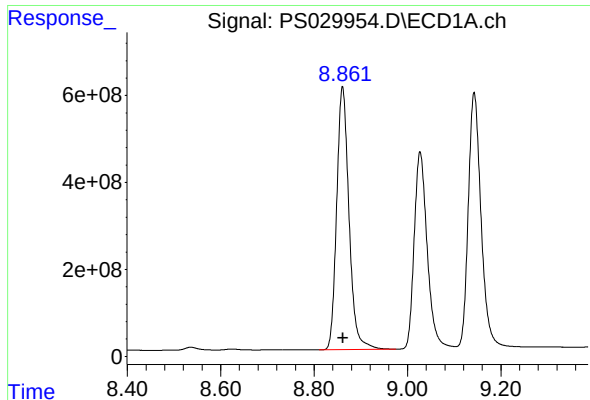
#10 Pentachlorophenol

R.T.: 8.296 min
Delta R.T.: -0.003 min
Response: 28068913128
Conc: 804.61 ng/ml



#10 Pentachlorophenol

R.T.: 9.159 min
Delta R.T.: -0.005 min
Response: 17378713253
Conc: 854.21 ng/ml



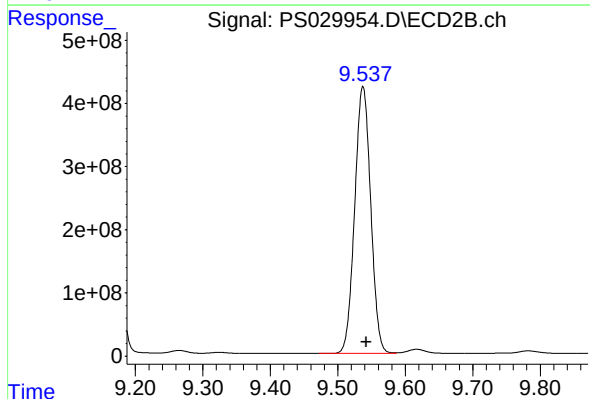
#11 2,4,5-TP (SILVEX)

R.T.: 8.861 min
Delta R.T.: -0.001 min
Response: 11098726391
Conc: 800.61 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

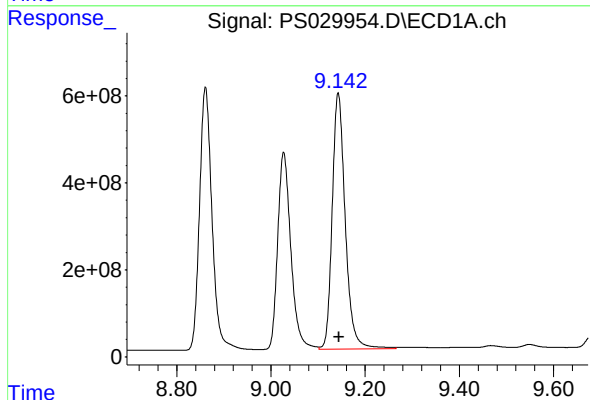
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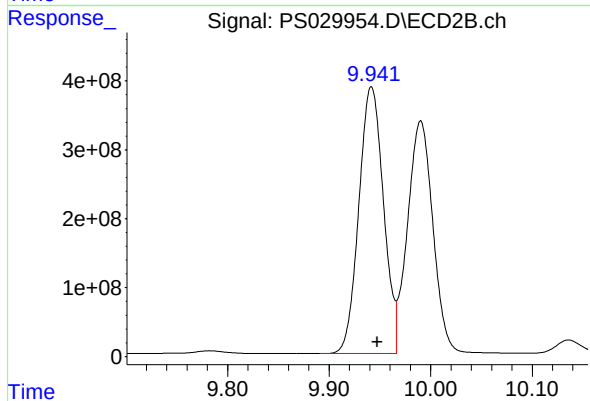
#11 2,4,5-TP (SILVEX)

R.T.: 9.537 min
Delta R.T.: -0.005 min
Response: 6976037900
Conc: 852.63 ng/ml



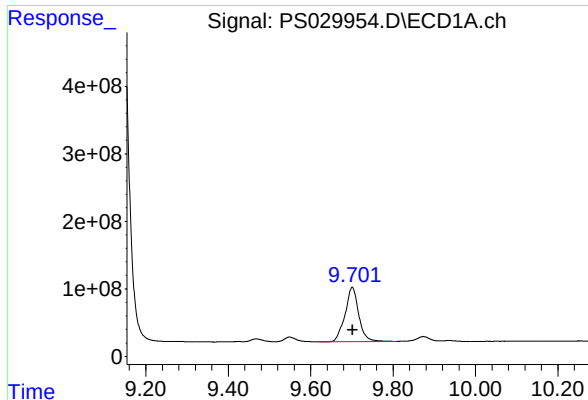
#12 2,4,5-T

R.T.: 9.143 min
Delta R.T.: -0.001 min
Response: 11289389169
Conc: 803.34 ng/ml



#12 2,4,5-T

R.T.: 9.942 min
Delta R.T.: -0.006 min
Response: 6532465930
Conc: 841.53 ng/ml



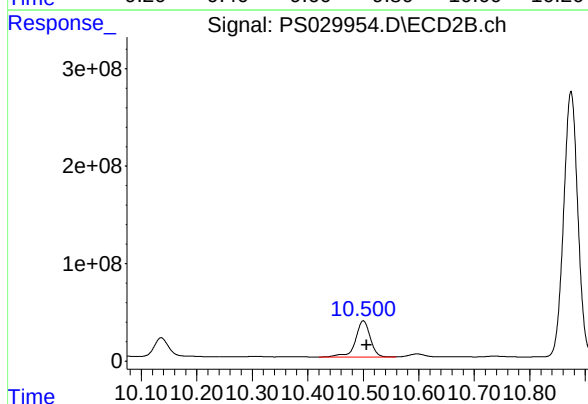
#13 2,4-DB

R.T.: 9.701 min
Delta R.T.: -0.001 min
Response: 184842009
Conc: 808.81 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

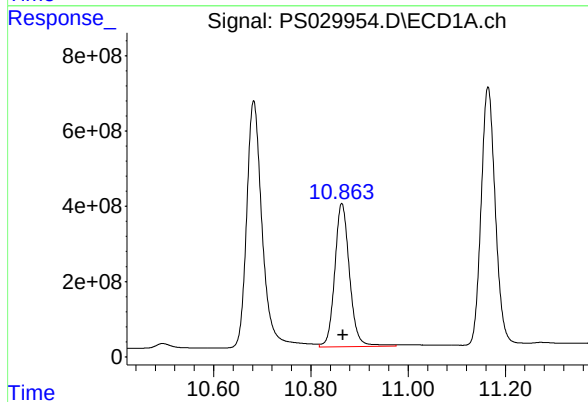
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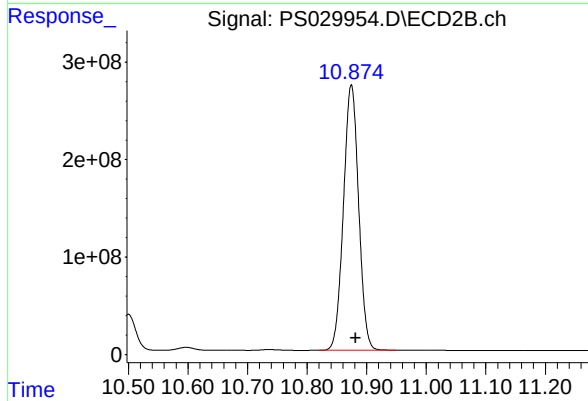
#13 2,4-DB

R.T.: 10.500 min
Delta R.T.: -0.006 min
Response: 681761940
Conc: 847.08 ng/ml



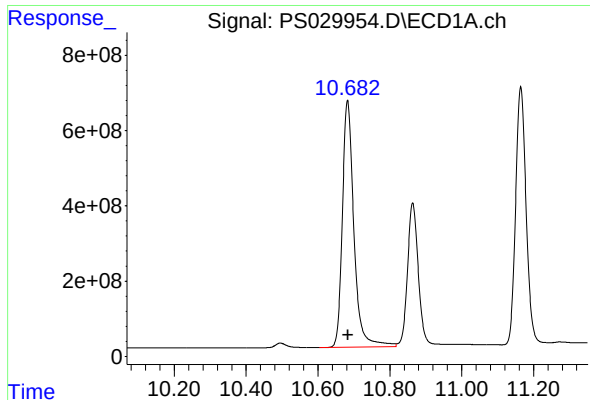
#14 DINOSEB

R.T.: 10.864 min
Delta R.T.: -0.002 min
Response: 8027022348
Conc: 789.02 ng/ml



#14 DINOSEB

R.T.: 10.874 min
Delta R.T.: -0.007 min
Response: 4815731344
Conc: 825.89 ng/ml



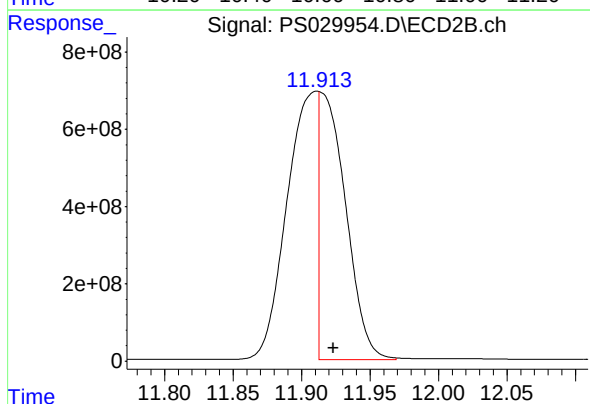
#15 Picloram

R.T.: 10.682 min
Delta R.T.: -0.001 min
Response: 14619105081
Conc: 797.52 ng/ml

Instrument :
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ClientSampleId :
HSTDCCC750

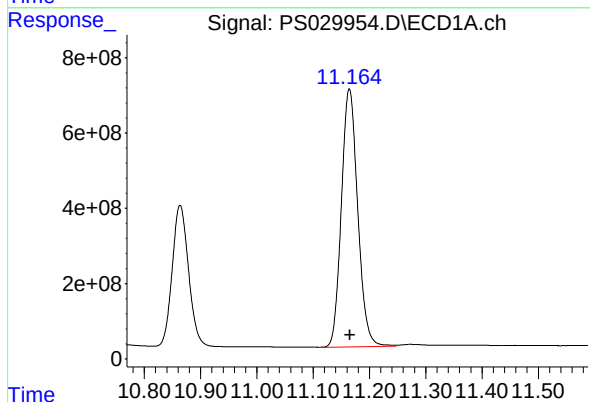
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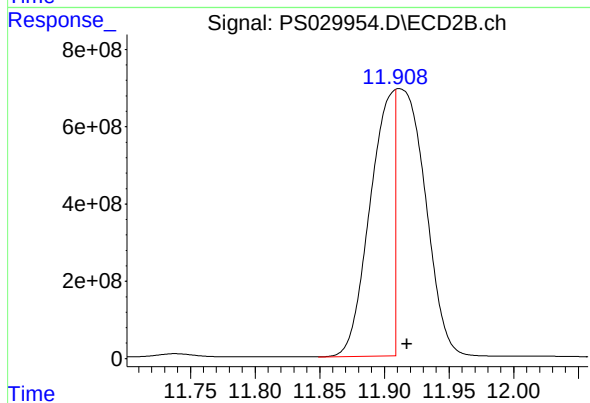
#15 Picloram

R.T.: 11.913 min
Delta R.T.: -0.010 min
Response: 9152183432
Conc: 745.07 ng/ml m



#16 DCPA

R.T.: 11.164 min
Delta R.T.: -0.002 min
Response: 13811152505
Conc: 811.42 ng/ml



#16 DCPA

R.T.: 11.908 min
Delta R.T.: -0.009 min
Response: 9154943334
Conc: 812.21 ng/ml m