

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS032525\
 Data File : PS029530.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Mar 2025 21:45
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/25/2025
 Supervised By : mohammad ahmed 03/26/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 25 06:52:00 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS032525.M
 Quant Title : 8080.M
 QLast Update : Tue Mar 25 06:49:36 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	7.154	7.579	3290.4E6	655.6E6	723.363	737.260
Target Compounds							
1) T	Dalapon	2.592	2.629	4411.0E6	1613.5E6	691.316	691.223
2) T	3,5-DICHL...	6.336	6.563	4118.6E6	930.7E6	688.294	686.465
3) T	4-Nitroph...	6.957	7.117	1441.9E6	498.9E6	705.853	688.264
5) T	DICAMBA	7.334	7.770	12922.5E6	3647.3E6	689.039	704.240
6) T	MCP	7.514	7.874	925.2E6	165.7E6	70.605	71.389
7) T	MCPA	7.661	8.111	1179.2E6	203.0E6	69.928	70.637
8) T	DICHLORPROP	8.034	8.473	3169.6E6	823.1E6	675.016	689.285
9) T	2,4-D	8.266	8.796	3246.6E6	855.2E6	709.931	697.204m
10) T	Pentachlo...	8.554	9.306	44517.8E6	17018.1E6	721.170	711.799
11) T	2,4,5-TP ...	9.128	9.683	17993.5E6	6500.1E6	695.151	714.256
12) T	2,4,5-T	9.421	10.095	18245.4E6	5534.7E6	708.063	721.749
13) T	2,4-DB	9.992	10.655	2451.3E6	538.1E6	736.246	711.204
14) T	DINOSEB	11.180	11.027	12999.7E6	4255.3E6	689.024	704.027
15) T	Picloram	10.999	12.095	20882.7E6	7634.8E6	731.306	734.037
16) T	DCPA	11.477	12.055	21996.7E6	8877.6E6	702.884	723.979

(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 : 5 Sample Multiplier: 1

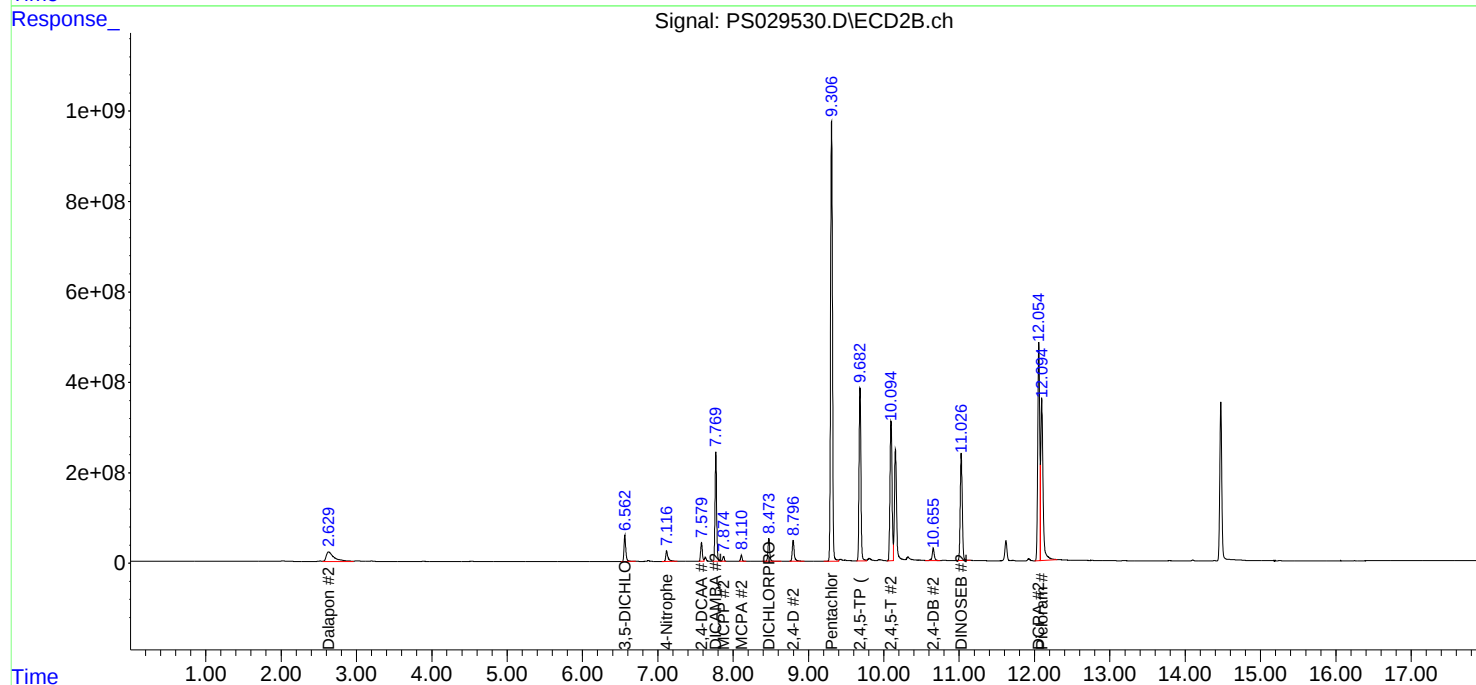
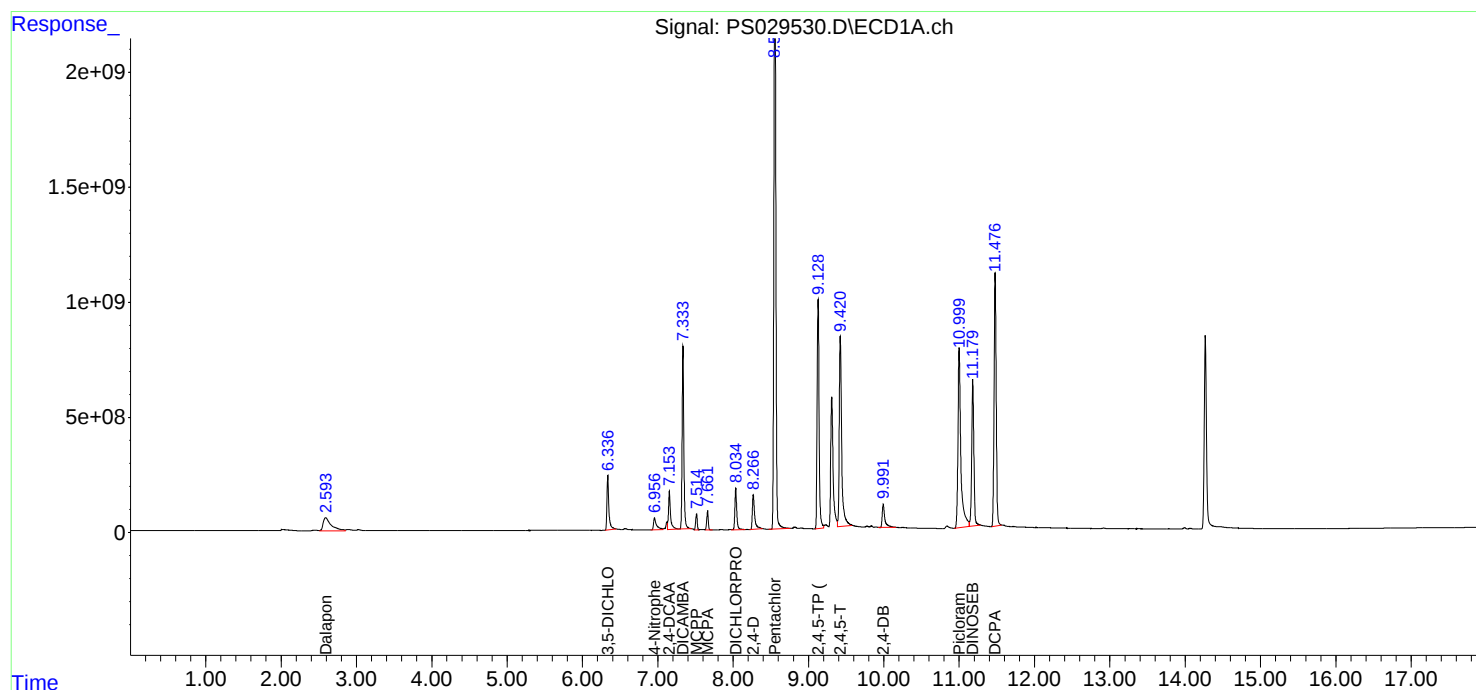
Instrument :
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ClientSampleId :
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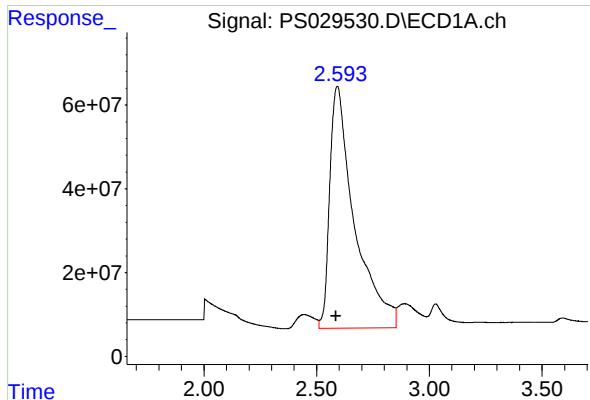
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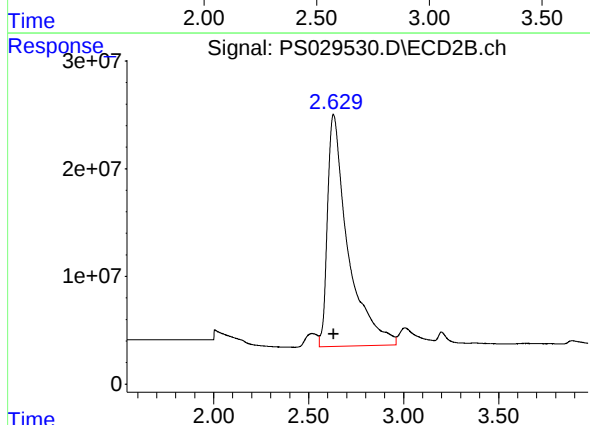
#1 Dalapon

R.T.: 2.592 min
Delta R.T.: 0.006 min
Response: 4411021631
Conc: 691.32 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

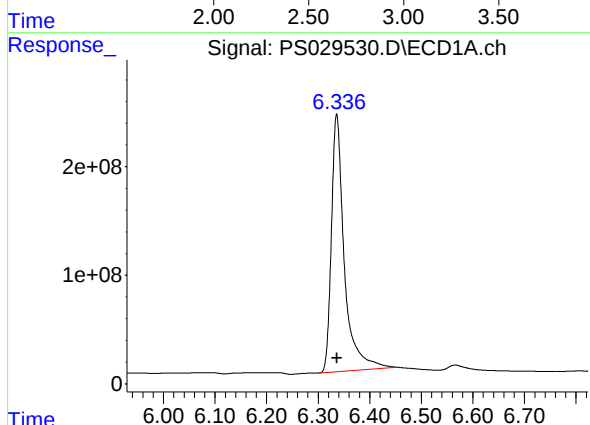
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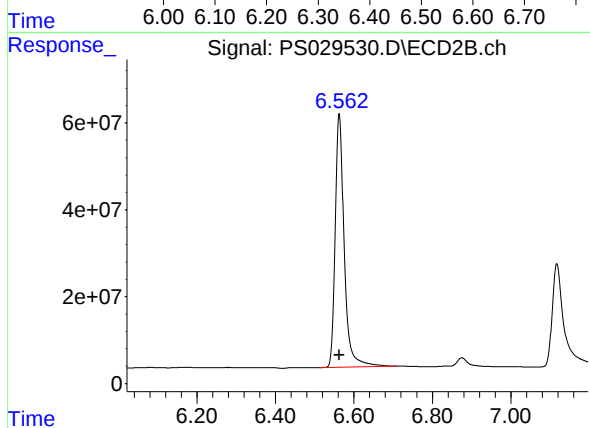
#1 Dalapon

R.T.: 2.629 min
Delta R.T.: -0.002 min
Response: 1613527206
Conc: 691.22 ng/ml



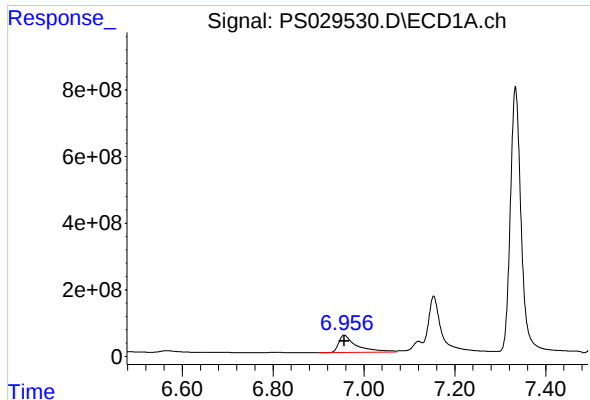
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.336 min
Delta R.T.: 0.000 min
Response: 4118562616
Conc: 688.29 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.563 min
Delta R.T.: 0.000 min
Response: 930664715
Conc: 686.46 ng/ml



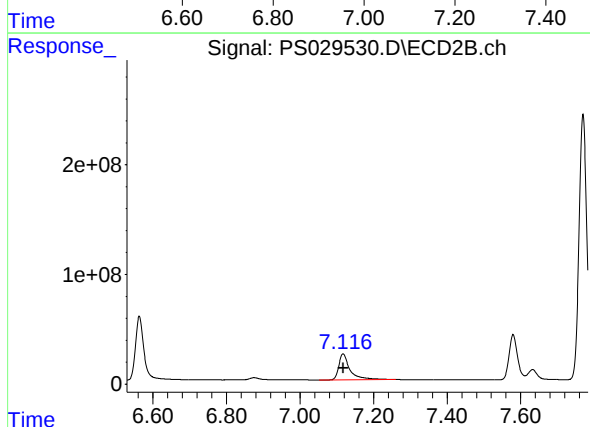
#3 4-Nitrophenol

R.T.: 6.957 min
Delta R.T.: 0.000 min
Response: 1441917509
Conc: 705.85 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

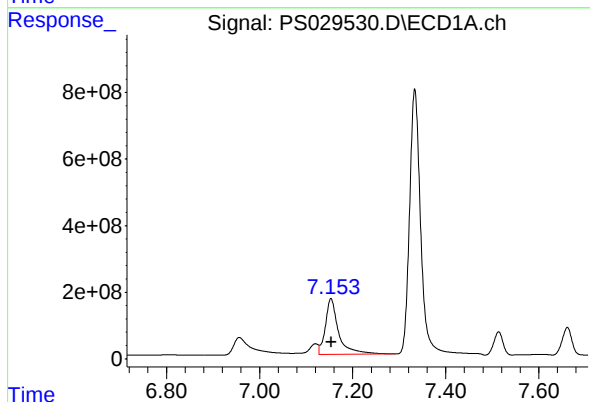
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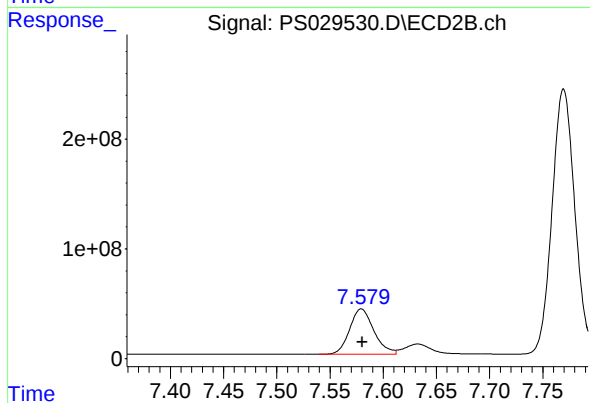
#3 4-Nitrophenol

R.T.: 7.117 min
Delta R.T.: 0.000 min
Response: 498878026
Conc: 688.26 ng/ml



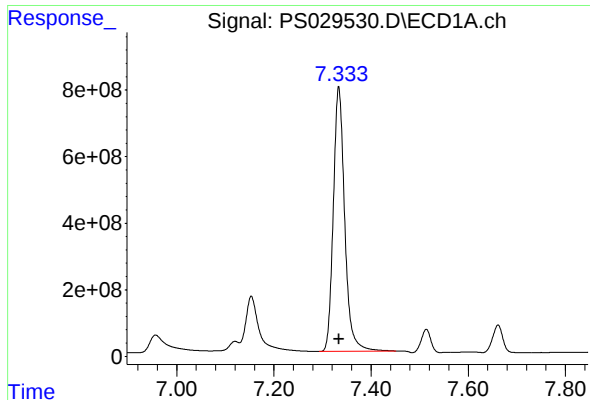
#4 2,4-DCAA

R.T.: 7.154 min
Delta R.T.: 0.000 min
Response: 3290408163
Conc: 723.36 ng/ml



#4 2,4-DCAA

R.T.: 7.579 min
Delta R.T.: 0.000 min
Response: 655625400
Conc: 737.26 ng/ml



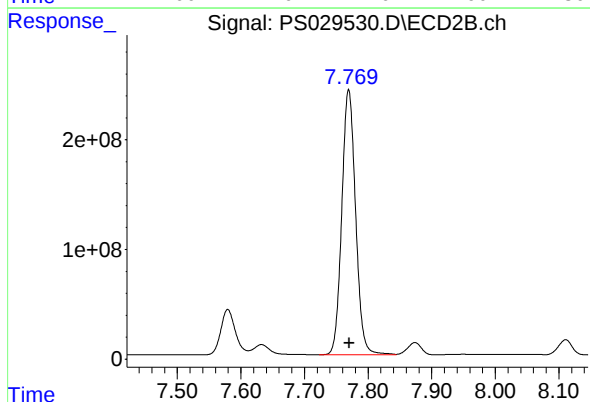
#5 DICAMBA

R.T.: 7.334 min
Delta R.T.: 0.000 min
Response: 12922506284
Conc: 689.04 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

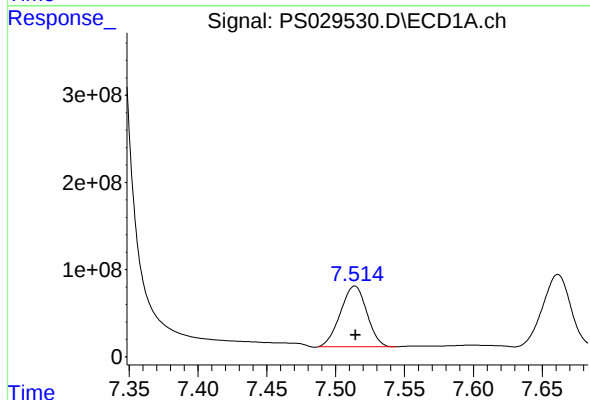
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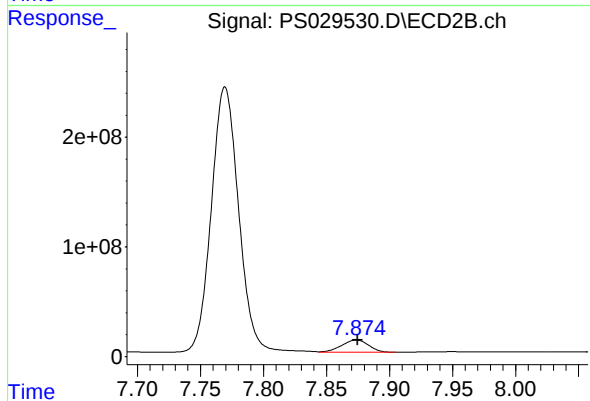
#5 DICAMBA

R.T.: 7.770 min
Delta R.T.: 0.000 min
Response: 3647331263
Conc: 704.24 ng/ml



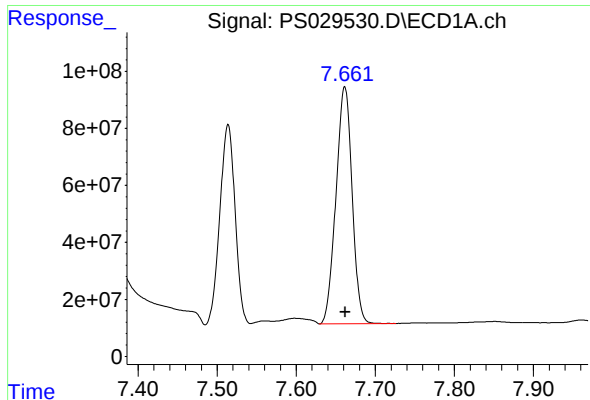
#6 MCPP

R.T.: 7.514 min
Delta R.T.: 0.000 min
Response: 925164679
Conc: 70.61 ug/ml



#6 MCPP

R.T.: 7.874 min
Delta R.T.: 0.000 min
Response: 165745764
Conc: 71.39 ug/ml



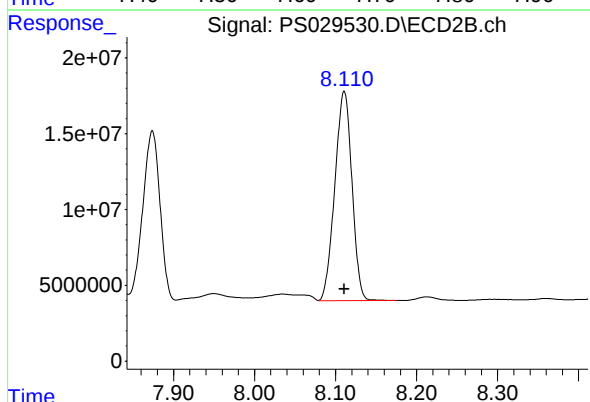
#7 MCPA

R.T.: 7.661 min
Delta R.T.: 0.000 min
Response: 1179239983
Conc: 69.93 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

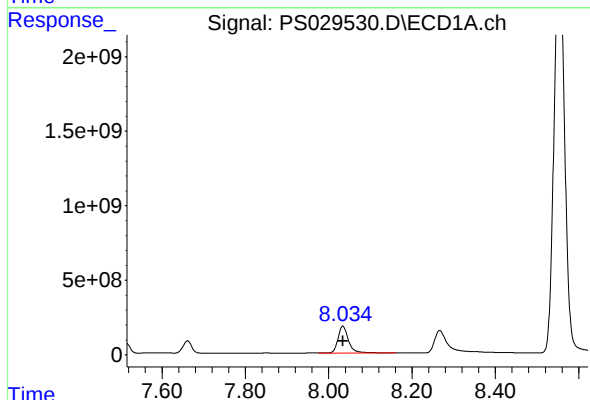
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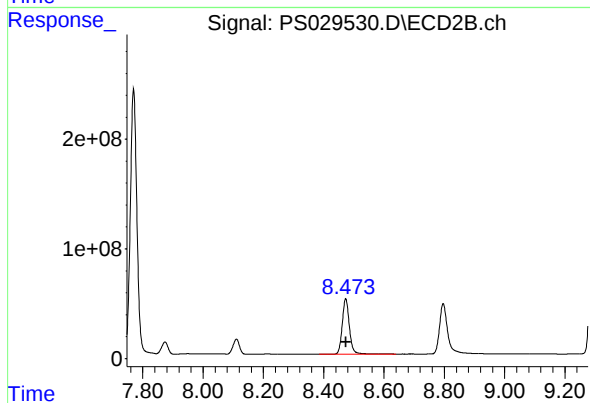
#7 MCPA

R.T.: 8.111 min
Delta R.T.: 0.000 min
Response: 203018388
Conc: 70.64 ug/ml



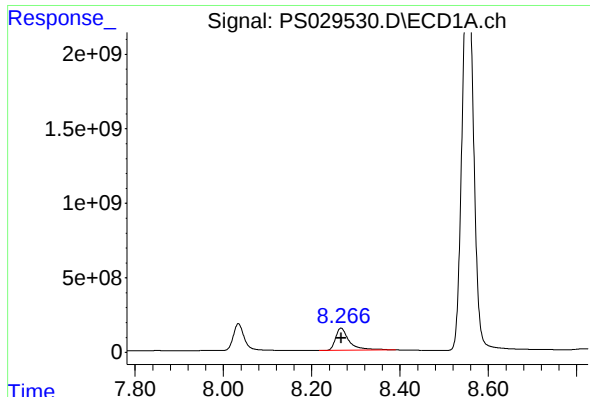
#8 DICHLORPROP

R.T.: 8.034 min
Delta R.T.: 0.000 min
Response: 3169639692
Conc: 675.02 ng/ml



#8 DICHLORPROP

R.T.: 8.473 min
Delta R.T.: 0.000 min
Response: 823083931
Conc: 689.28 ng/ml



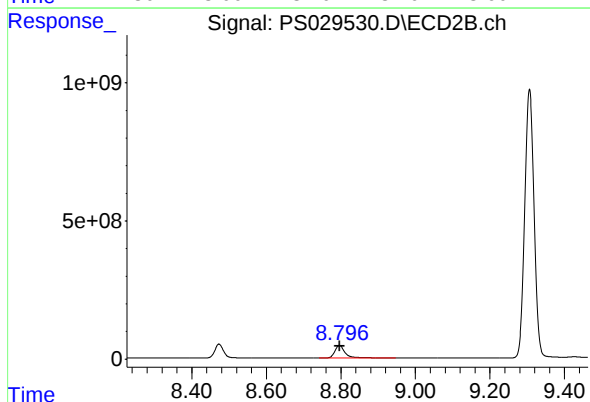
#9 2,4-D

R.T.: 8.266 min
Delta R.T.: 0.000 min
Response: 3246584573
Conc: 709.93 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

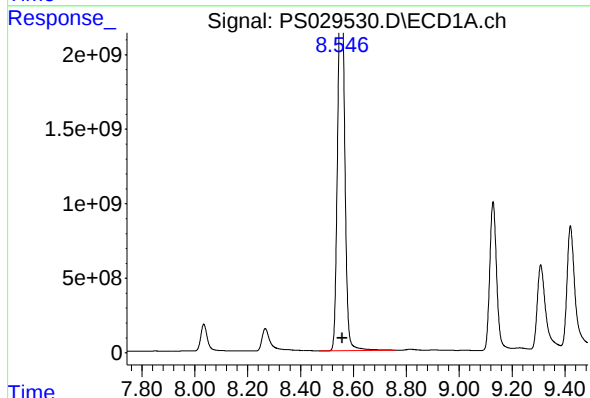
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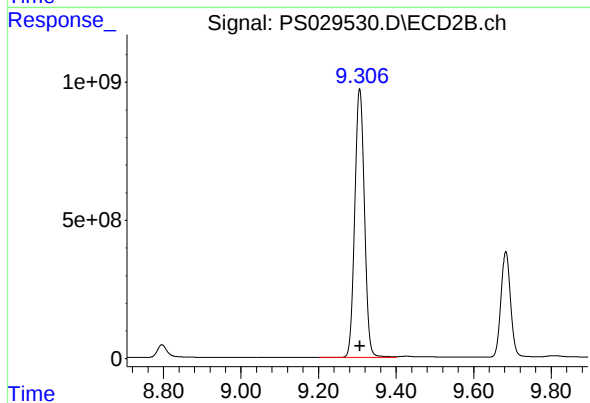
#9 2,4-D

R.T.: 8.796 min
Delta R.T.: 0.000 min
Response: 855218307
Conc: 697.20 ng/ml m



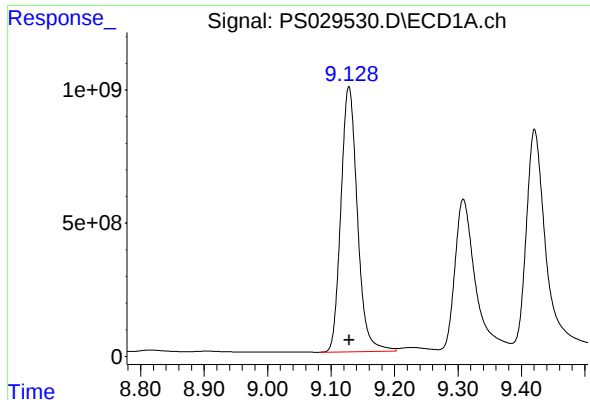
#10 Pentachlorophenol

R.T.: 8.554 min
Delta R.T.: -0.005 min
Response: 44517827877
Conc: 721.17 ng/ml



#10 Pentachlorophenol

R.T.: 9.306 min
Delta R.T.: 0.000 min
Response: 17018060408
Conc: 711.80 ng/ml



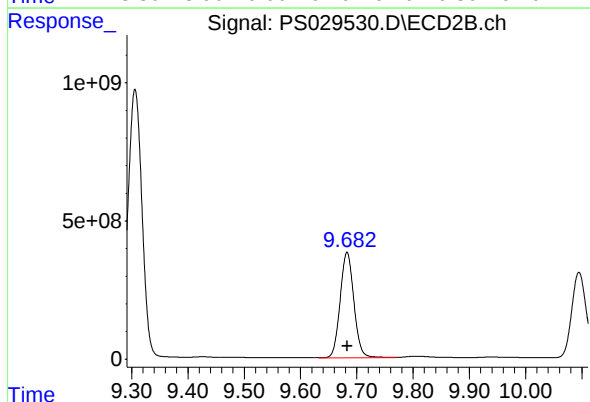
#11 2,4,5-TP (SILVEX)

R.T.: 9.128 min
Delta R.T.: -0.001 min
Response: 17993534317
Conc: 695.15 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

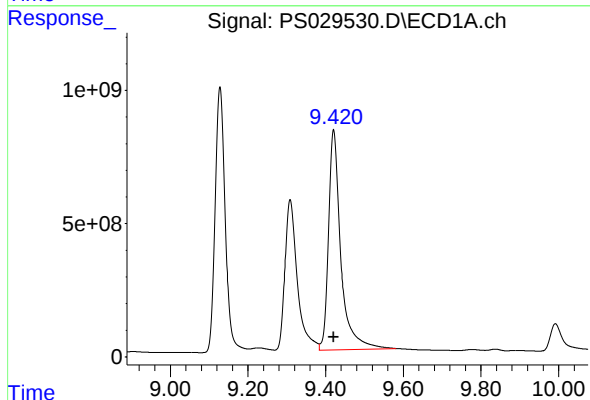
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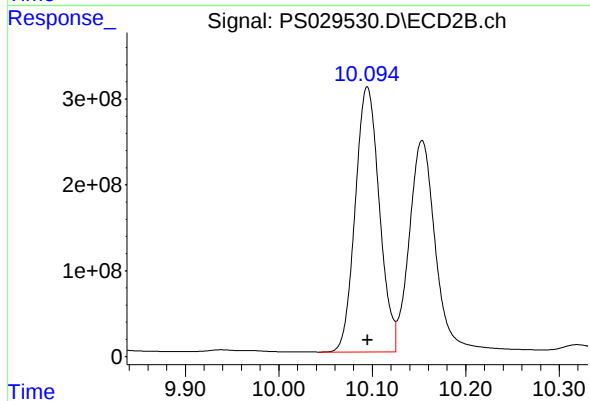
#11 2,4,5-TP (SILVEX)

R.T.: 9.683 min
Delta R.T.: 0.000 min
Response: 6500100042
Conc: 714.26 ng/ml



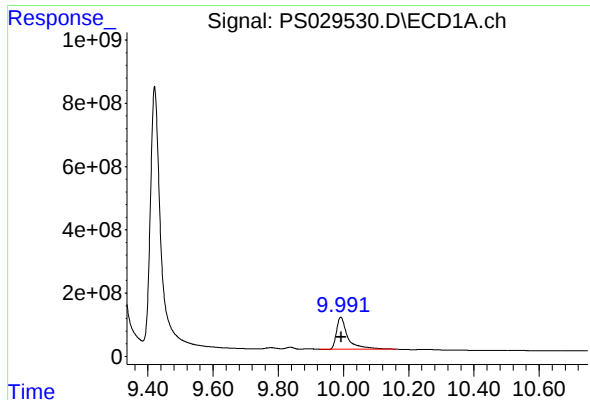
#12 2,4,5-T

R.T.: 9.421 min
Delta R.T.: 0.000 min
Response: 18245377026
Conc: 708.06 ng/ml



#12 2,4,5-T

R.T.: 10.095 min
Delta R.T.: 0.000 min
Response: 5534731929
Conc: 721.75 ng/ml



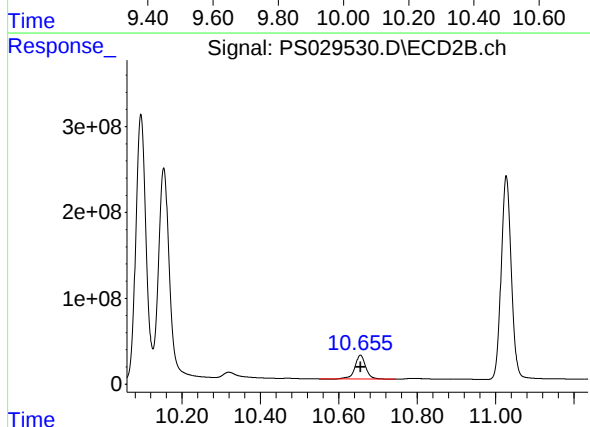
#13 2,4-DB

R.T.: 9.992 min
Delta R.T.: 0.000 min
Response: 2451280541
Conc: 736.25 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

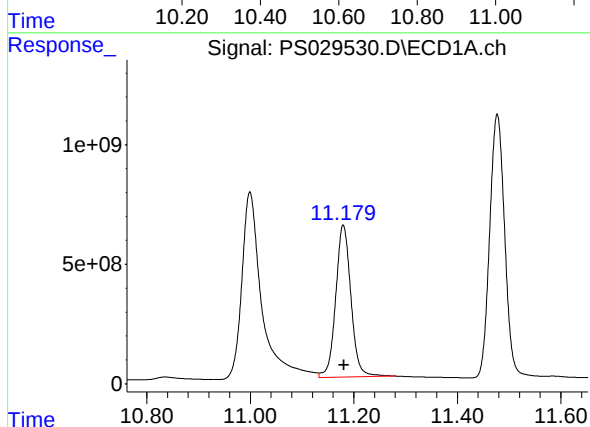
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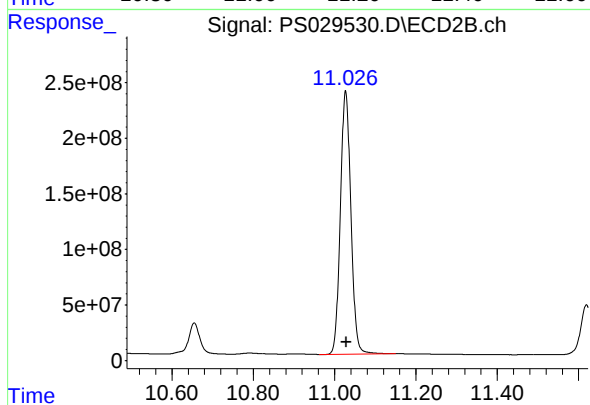
#13 2,4-DB

R.T.: 10.655 min
Delta R.T.: -0.001 min
Response: 538103786
Conc: 711.20 ng/ml



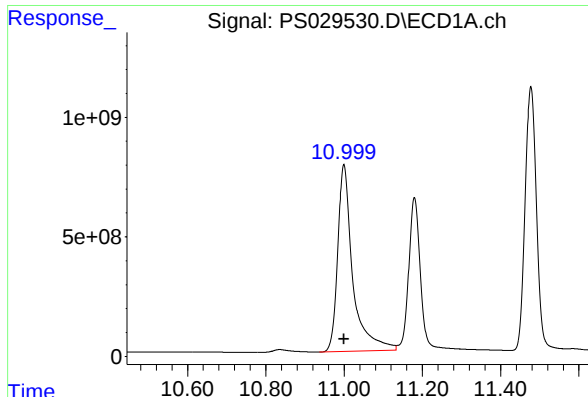
#14 DINOSEB

R.T.: 11.180 min
Delta R.T.: -0.002 min
Response: 12999716844
Conc: 689.02 ng/ml



#14 DINOSEB

R.T.: 11.027 min
Delta R.T.: -0.002 min
Response: 4255311629
Conc: 704.03 ng/ml



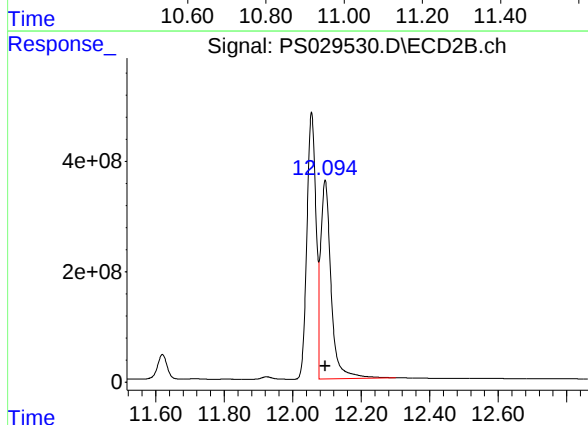
#15 Picloram

R.T.: 10.999 min
Delta R.T.: 0.000 min
Response: 20882672930
Conc: 731.31 ng/ml

Instrument :
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ClientSampleId :
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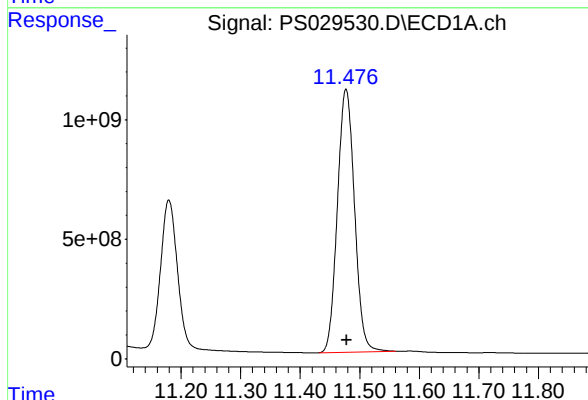
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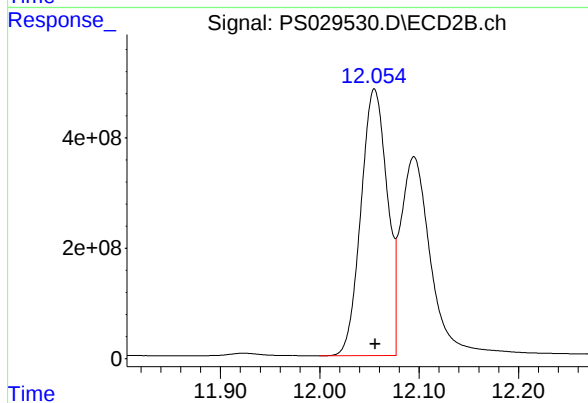
#15 Picloram

R.T.: 12.095 min
Delta R.T.: -0.001 min
Response: 7634758926
Conc: 734.04 ng/ml



#16 DCPA

R.T.: 11.477 min
Delta R.T.: 0.000 min
Response: 21996701025
Conc: 702.88 ng/ml



#16 DCPA

R.T.: 12.055 min
Delta R.T.: 0.000 min
Response: 8877590389
Conc: 723.98 ng/ml