

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS041825\
 Data File : PS029852.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Apr 2025 08:45
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/19/2025
 Supervised By :mohammad ahmed 04/22/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 19 00:30:20 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS040225.M
 Quant Title : 8080.M
 QLast Update : Wed Apr 02 23:52:55 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	6.947	7.472	1528.2E6	483.3E6	749.560	709.134
Target Compounds							
1) T	Dalapon	2.454	2.530	2356.5E6	1015.3E6	694.649	639.493
2) T	3,5-DICHL...	6.151	6.468	2225.5E6	637.8E6	739.915	660.565
3) T	4-Nitroph...	6.738	7.006	1039.3E6	475.3E6	739.802	670.400
5) T	DICAMBA	7.124	7.658	6171.9E6	2591.4E6	741.636	701.633
6) T	MCP	7.302	7.765	399.1E6	110.1E6	73.645	65.205
7) T	MCPA	7.445	7.996	534.5E6	145.3E6	73.534m	63.849
8) T	DICHLORPROP	7.804	8.352	1518.5E6	648.5E6	690.410	671.176
9) T	2,4-D	8.024	8.667	1714.5E6	724.4E6	711.519	671.679
10) T	Pentachlo...	8.303	9.169	22007.3E6	13561.7E6	723.806	756.468
11) T	2,4,5-TP ...	8.868	9.548	8603.1E6	5388.2E6	740.667	747.014
12) T	2,4,5-T	9.151	9.953	8748.5E6	5041.9E6	760.443	752.197
13) T	2,4-DB	9.709	10.512	1418.3E6	525.4E6	780.665	708.117
14) T	DINOSEB	10.874	10.887	6243.0E6	3713.0E6	739.512	726.221
15) T	Picloram	10.692	11.923	11331.8E6	7857.9E6	731.062	664.548m
16) T	DCPA	11.175	11.923	10775.8E6	7254.9E6	771.571	819.700m

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

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Acq On : 18 Apr 2025 08:45
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

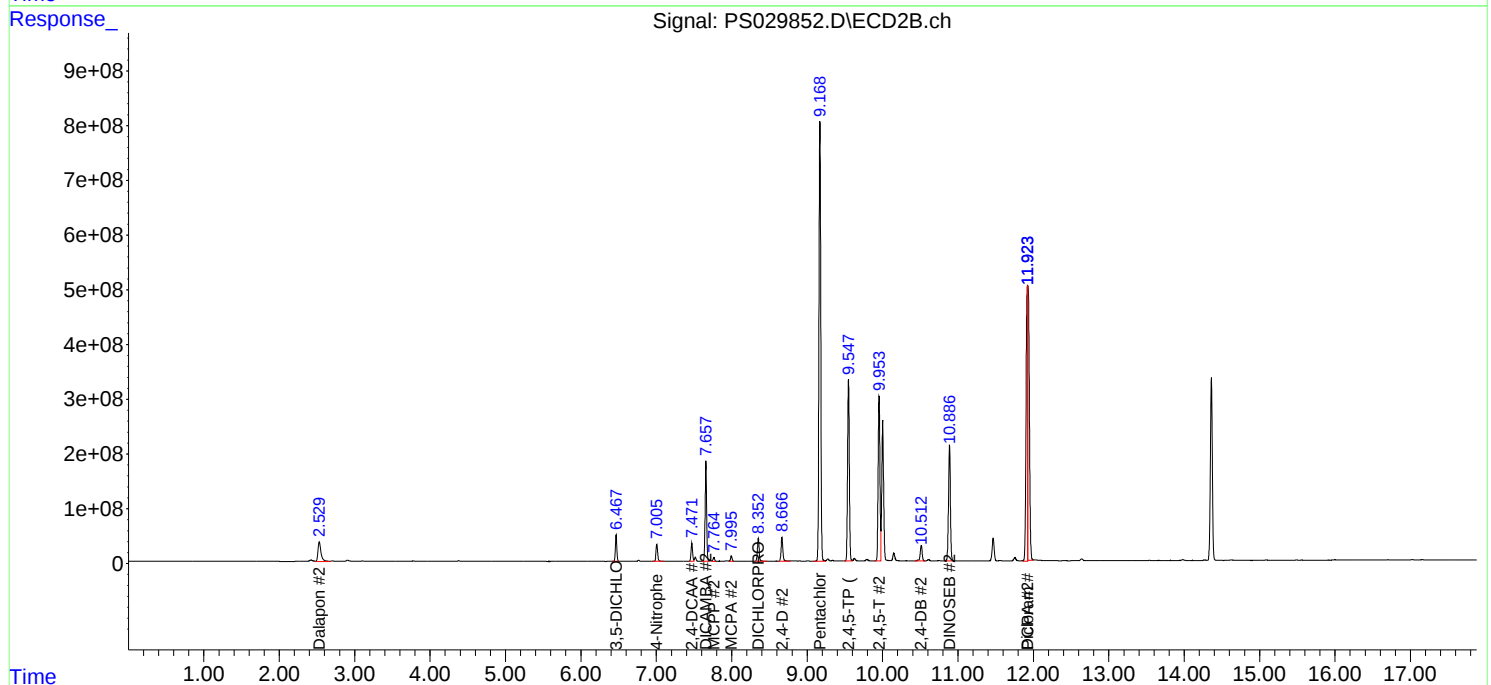
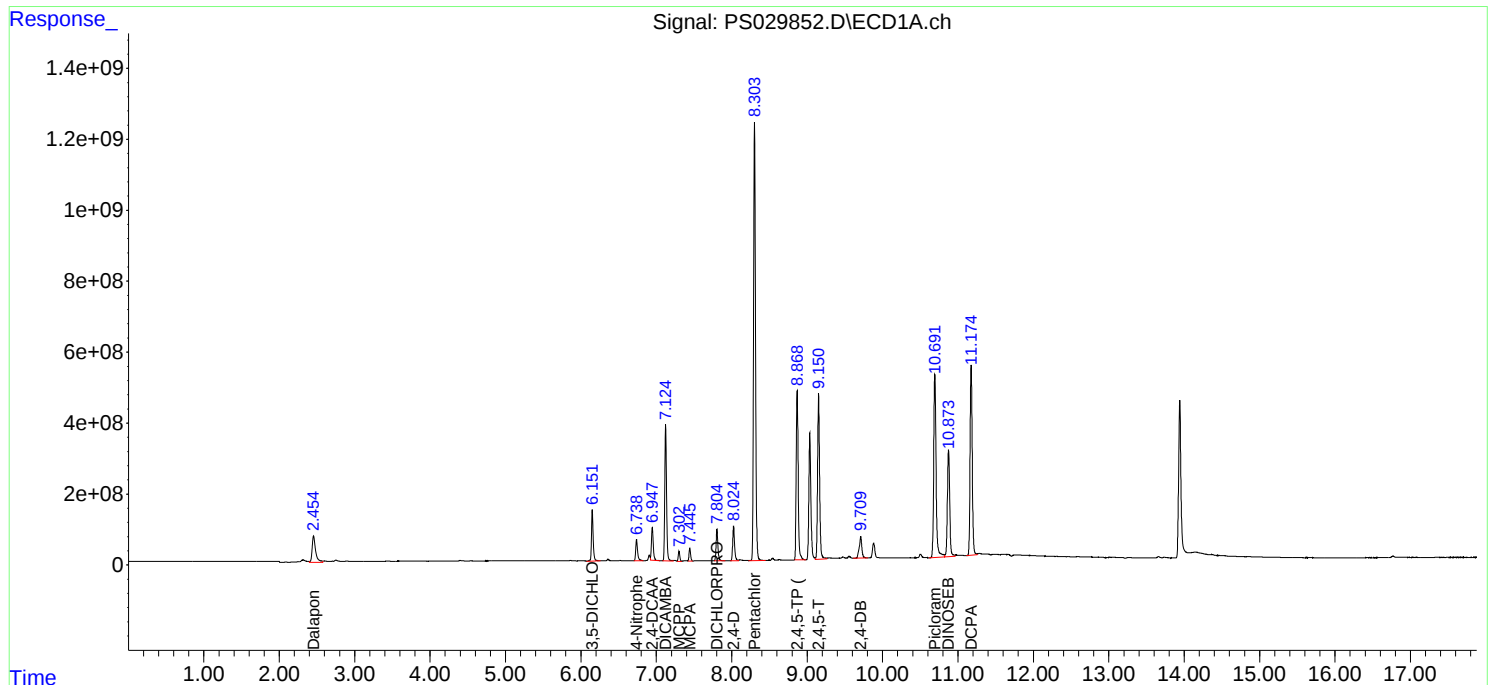
Instrument :
ECD_S
ClientSampleId :
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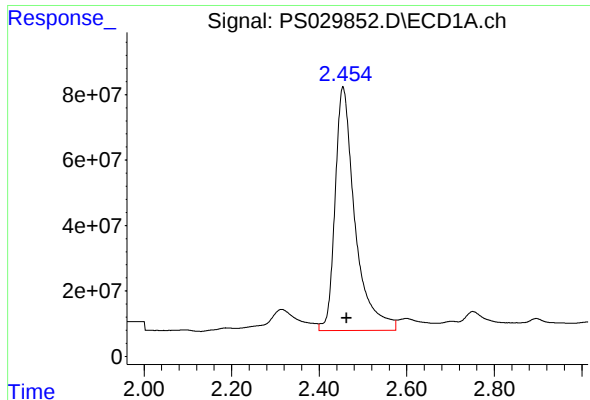
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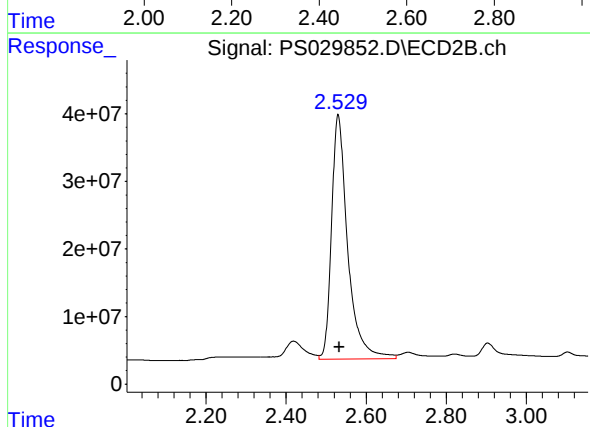
#1 Dalapon

R.T.: 2.454 min
Delta R.T.: -0.009 min
Response: 2356522617
Conc: 694.65 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

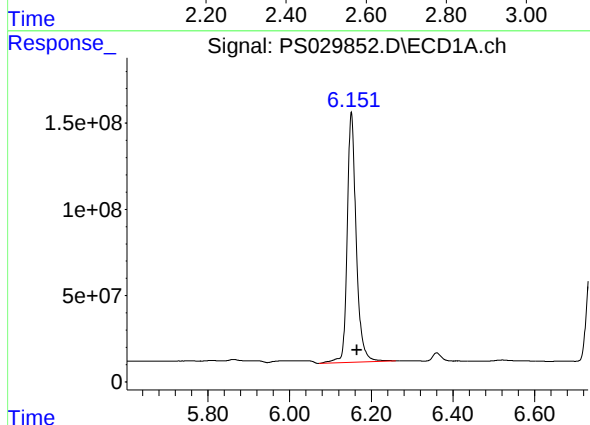
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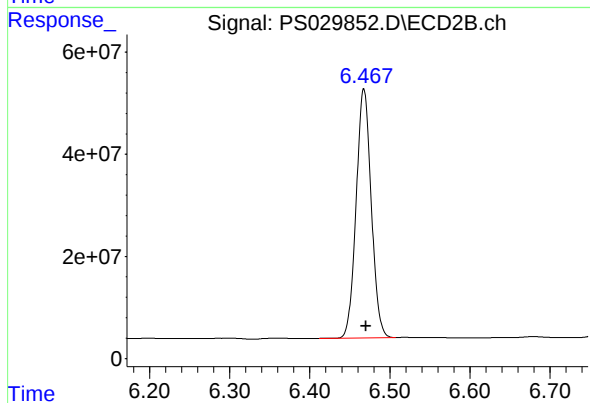
#1 Dalapon

R.T.: 2.530 min
Delta R.T.: -0.003 min
Response: 1015256332
Conc: 639.49 ng/ml



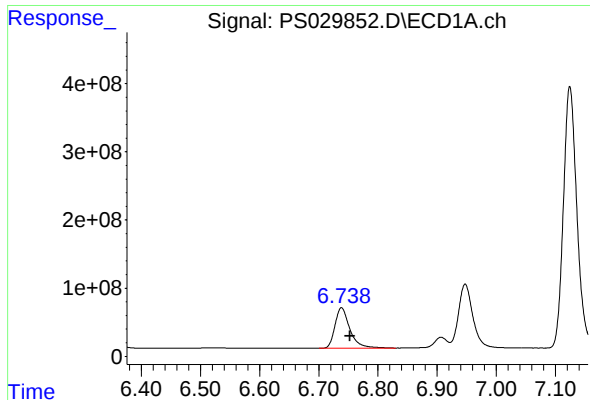
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.151 min
Delta R.T.: -0.014 min
Response: 2225487268
Conc: 739.92 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.468 min
Delta R.T.: -0.003 min
Response: 637813494
Conc: 660.57 ng/ml



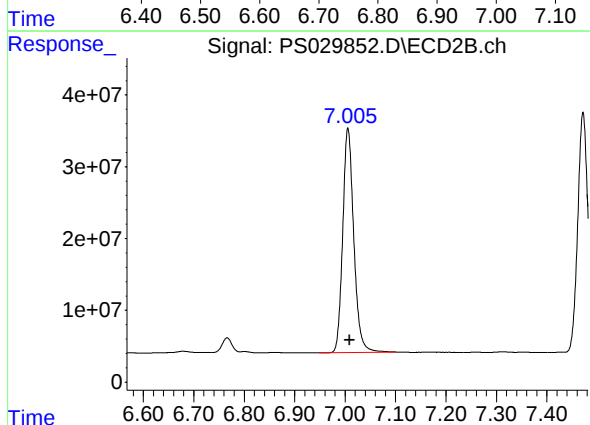
#3 4-Nitrophenol

R.T.: 6.738 min
Delta R.T.: -0.015 min
Response: 1039272633
Conc: 739.80 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

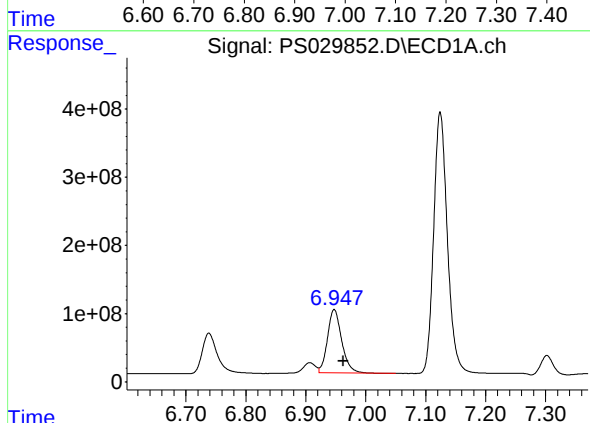
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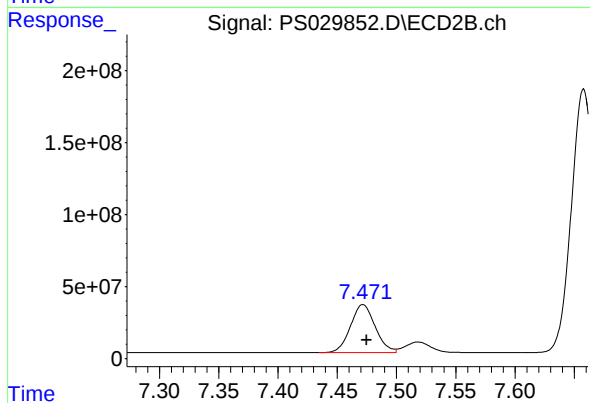
#3 4-Nitrophenol

R.T.: 7.006 min
Delta R.T.: -0.004 min
Response: 475312368
Conc: 670.40 ng/ml



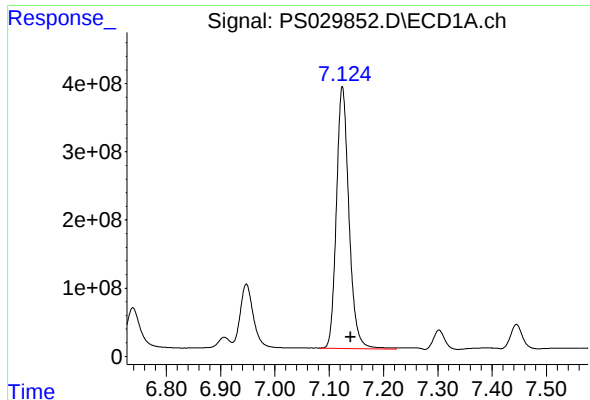
#4 2,4-DCAA

R.T.: 6.947 min
Delta R.T.: -0.015 min
Response: 1528226246
Conc: 749.56 ng/ml



#4 2,4-DCAA

R.T.: 7.472 min
Delta R.T.: -0.003 min
Response: 483284050
Conc: 709.13 ng/ml



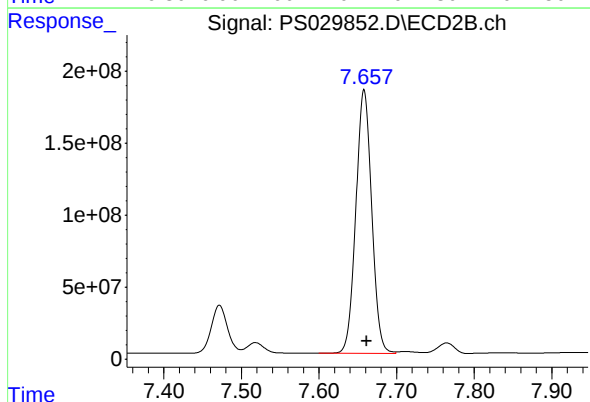
#5 DICAMBA

R.T.: 7.124 min
Delta R.T.: -0.016 min
Response: 6171852459
Conc: 741.64 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

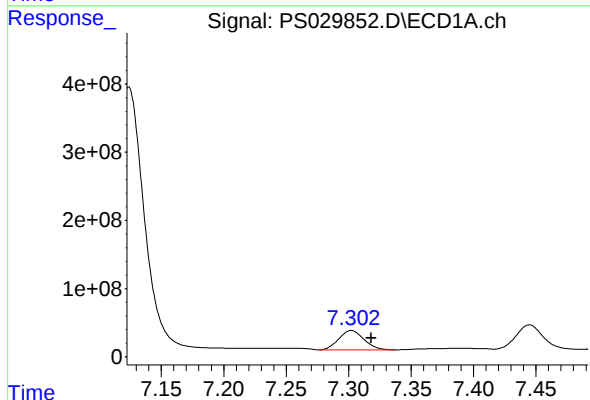
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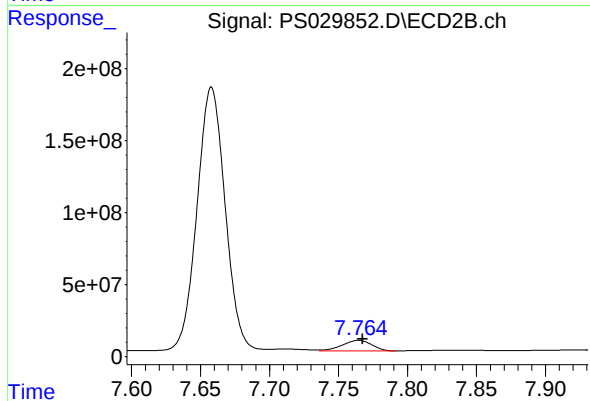
#5 DICAMBA

R.T.: 7.658 min
Delta R.T.: -0.004 min
Response: 2591390542
Conc: 701.63 ng/ml



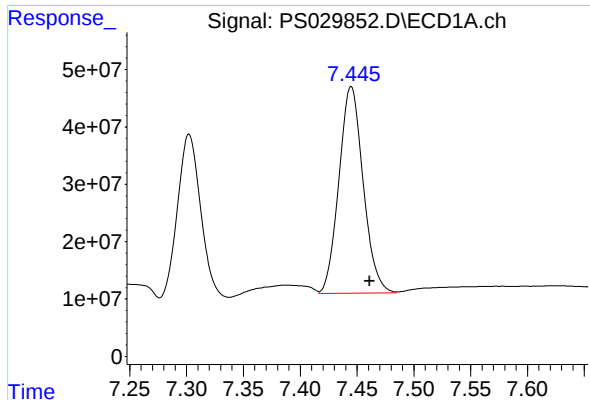
#6 MCPP

R.T.: 7.302 min
Delta R.T.: -0.016 min
Response: 399146429
Conc: 73.65 ug/ml



#6 MCPP

R.T.: 7.765 min
Delta R.T.: -0.003 min
Response: 110096628
Conc: 65.20 ug/ml



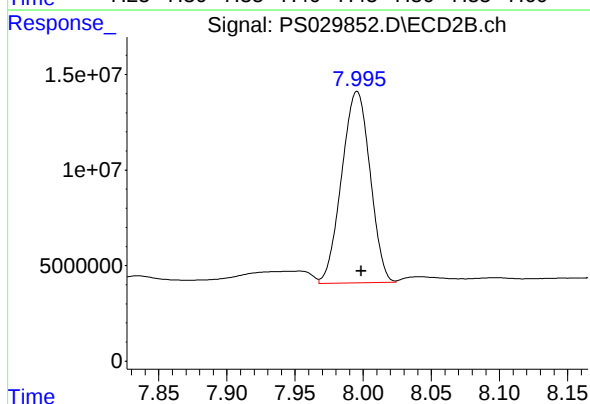
#7 MCPA

R.T.: 7.445 min
Delta R.T.: -0.016 min
Response: 534522691
Conc: 73.53 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

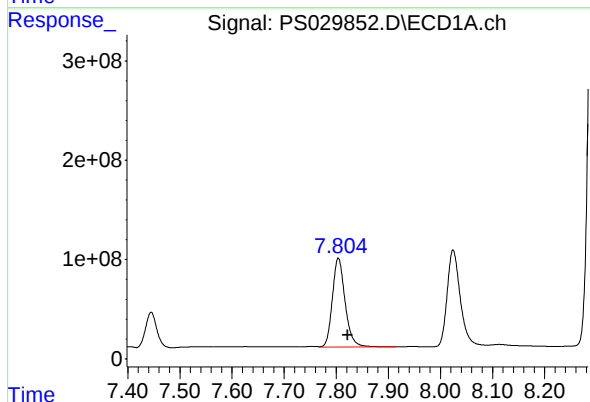
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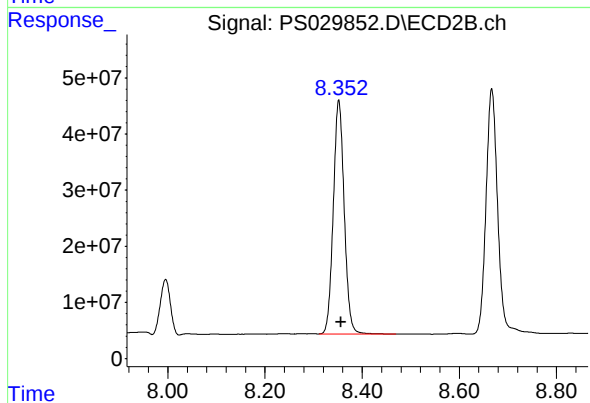
#7 MCPA

R.T.: 7.996 min
Delta R.T.: -0.003 min
Response: 145273921
Conc: 63.85 ug/ml



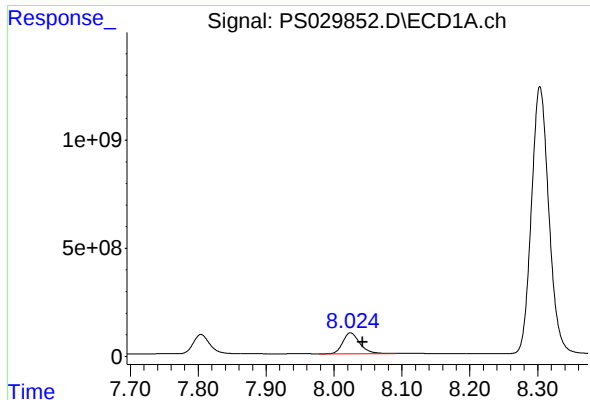
#8 DICHLORPROP

R.T.: 7.804 min
Delta R.T.: -0.018 min
Response: 1518513603
Conc: 690.41 ng/ml



#8 DICHLORPROP

R.T.: 8.352 min
Delta R.T.: -0.004 min
Response: 648458250
Conc: 671.18 ng/ml



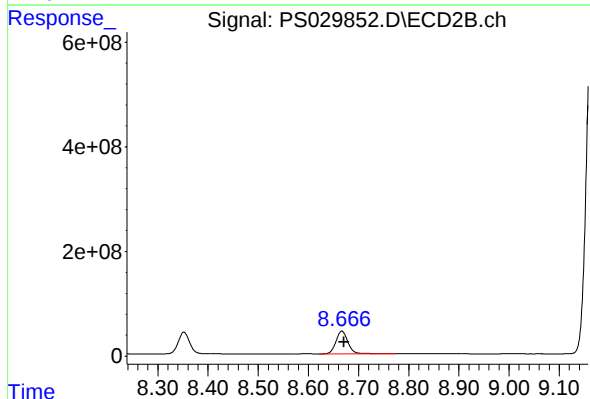
#9 2,4-D

R.T.: 8.024 min
Delta R.T.: -0.018 min
Response: 1714469526
Conc: 711.52 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

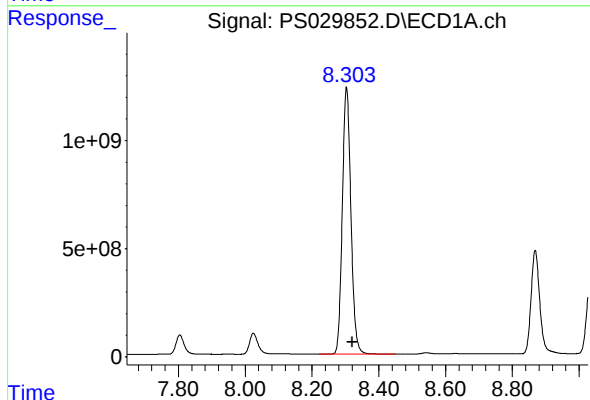
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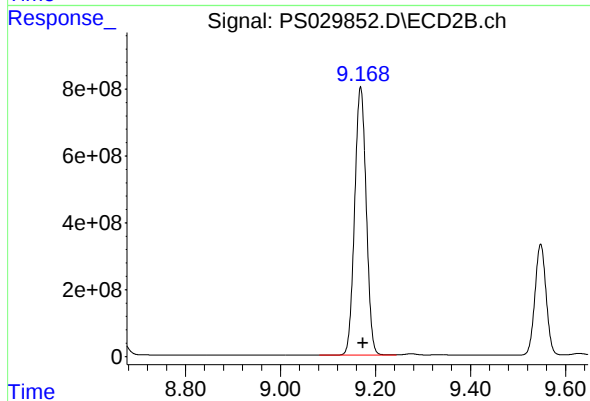
#9 2,4-D

R.T.: 8.667 min
Delta R.T.: -0.004 min
Response: 724381527
Conc: 671.68 ng/ml



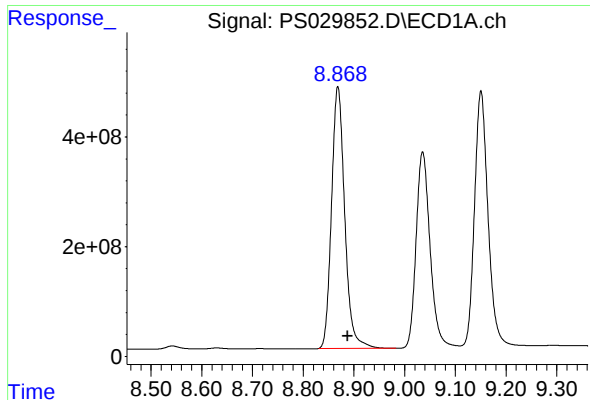
#10 Pentachlorophenol

R.T.: 8.303 min
Delta R.T.: -0.017 min
Response: 22007319520
Conc: 723.81 ng/ml



#10 Pentachlorophenol

R.T.: 9.169 min
Delta R.T.: -0.005 min
Response: 13561746714
Conc: 756.47 ng/ml



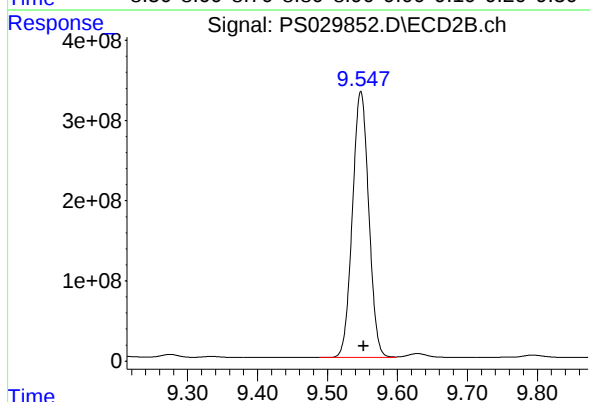
#11 2,4,5-TP (SILVEX)

R.T.: 8.868 min
Delta R.T.: -0.019 min
Response: 8603112067
Conc: 740.67 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

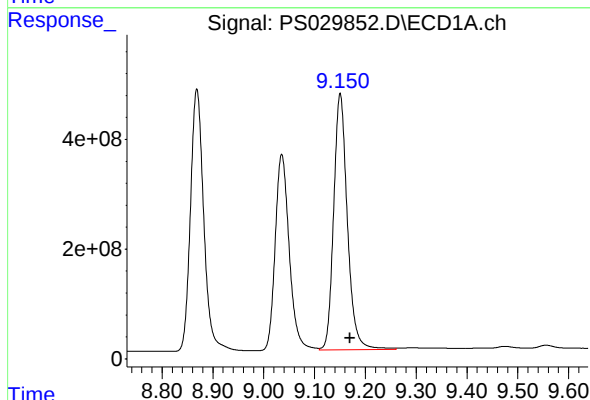
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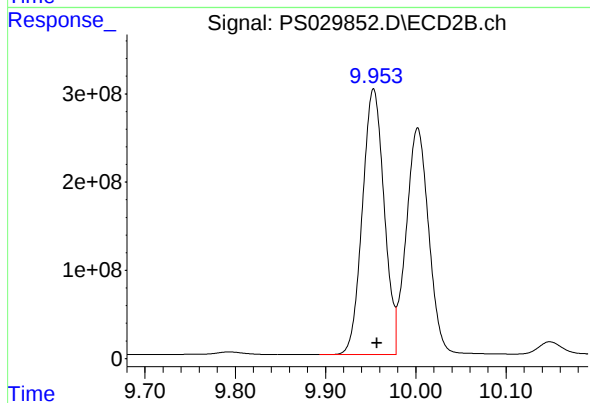
#11 2,4,5-TP (SILVEX)

R.T.: 9.548 min
Delta R.T.: -0.004 min
Response: 5388184683
Conc: 747.01 ng/ml



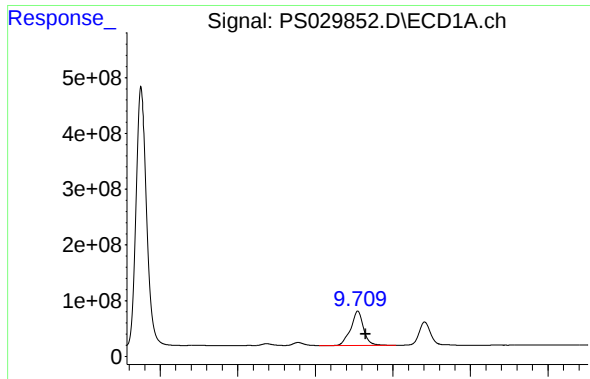
#12 2,4,5-T

R.T.: 9.151 min
Delta R.T.: -0.019 min
Response: 8748464097
Conc: 760.44 ng/ml



#12 2,4,5-T

R.T.: 9.953 min
Delta R.T.: -0.004 min
Response: 5041853173
Conc: 752.20 ng/ml



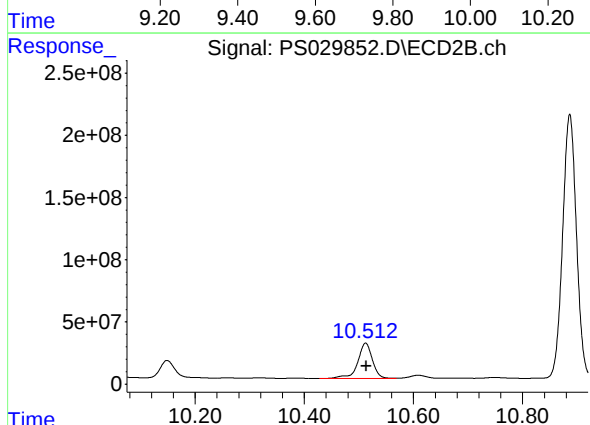
#13 2,4-DB

R.T.: 9.709 min
Delta R.T.: -0.020 min
Response: 1418269292
Conc: 780.67 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

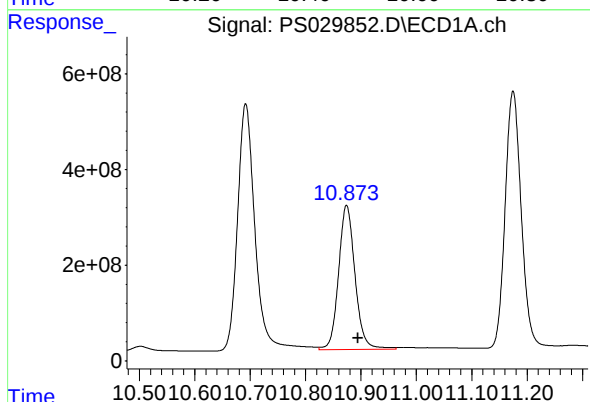
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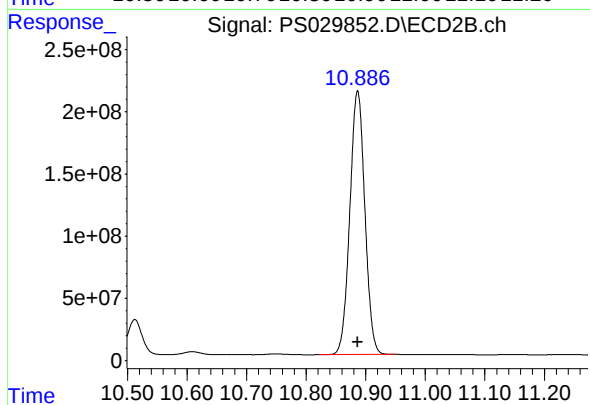
#13 2,4-DB

R.T.: 10.512 min
Delta R.T.: -0.002 min
Response: 525405016
Conc: 708.12 ng/ml



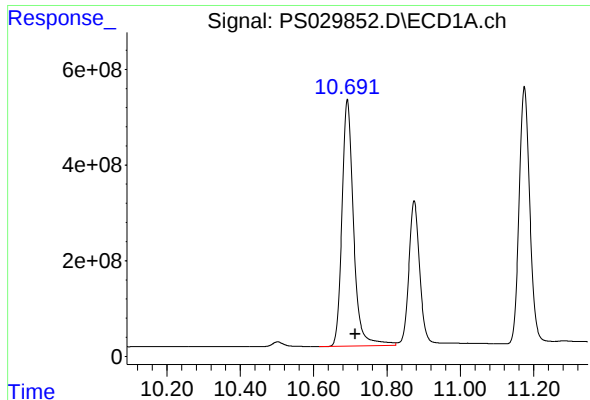
#14 DINOSEB

R.T.: 10.874 min
Delta R.T.: -0.021 min
Response: 6242988687
Conc: 739.51 ng/ml



#14 DINOSEB

R.T.: 10.887 min
Delta R.T.: 0.000 min
Response: 3713023162
Conc: 726.22 ng/ml



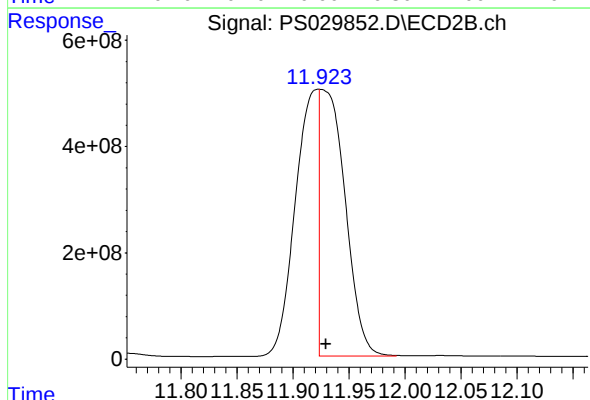
#15 Picloram

R.T.: 10.692 min
Delta R.T.: -0.021 min
Response: 11331752529
Conc: 731.06 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

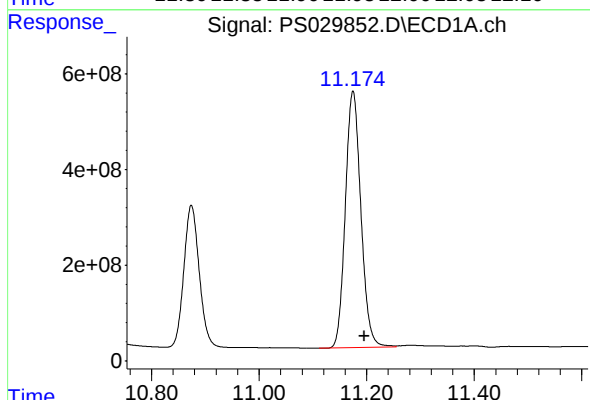
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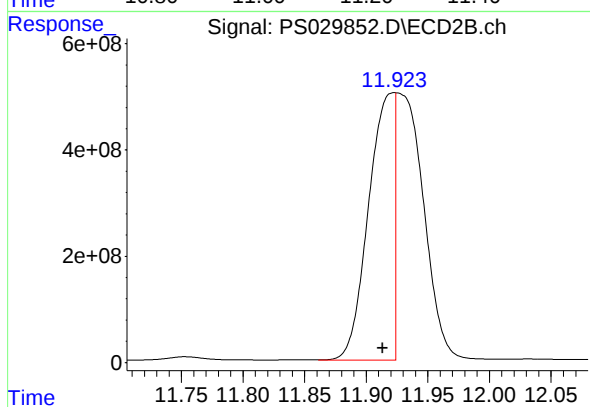
#15 Picloram

R.T.: 11.923 min
Delta R.T.: -0.006 min
Response: 7857900353
Conc: 664.55 ng/ml m



#16 DCPA

R.T.: 11.175 min
Delta R.T.: -0.021 min
Response: 10775846125
Conc: 771.57 ng/ml



#16 DCPA

R.T.: 11.923 min
Delta R.T.: 0.009 min
Response: 7254887094
Conc: 819.70 ng/ml m