

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS042325\
 Data File : PS029921.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Apr 2025 11:49
 Operator : AR\AJ
 Sample : HSTDICC750
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDICC750

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 23 12:13:23 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS042325.M
 Quant Title : 8080.M
 QLast Update : Wed Apr 23 12:13:04 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	1757.3E6	512.1E6	750.000	750.000
Target Compounds							
1) T	Dalapon	2.449	2.525	2731.3E6	1134.3E6	682.500	682.500
2) T	3,5-DICHL...	6.146	6.463	2388.4E6	661.4E6	697.500	697.500
3) T	4-Nitroph...	6.732	7.001	1166.0E6	503.1E6	682.500	682.500
5) T	DICAMBA	7.118	7.653	6781.5E6	2750.1E6	705.000	705.000
6) T	MCP	7.297	7.761	456.6E6	126.0E6	70.500	70.500
7) T	MCPA	7.440	7.991	606.7E6	160.7E6	69.750	69.750
8) T	DICHLORPROP	7.799	8.348	1701.9E6	685.3E6	705.000	705.000
9) T	2,4-D	8.019	8.661	1900.5E6	769.2E6	705.000	705.000
10) T	Pentachlo...	8.297	9.163	24416.7E6	14398.4E6	712.500	712.500
11) T	2,4,5-TP ...	8.862	9.542	9569.8E6	5755.2E6	712.500	712.500
12) T	2,4,5-T	9.144	9.947	9680.3E6	5434.8E6	712.500	712.500
13) T	2,4-DB	9.703	10.507	1582.3E6	567.0E6	712.500	712.500
14) T	DINOSEB	10.866	10.881	6979.6E6	4024.5E6	705.000	705.000
15) T	Picloram	10.685	11.920	12721.8E6	8674.9E6	712.500	724.031m
16) T	DCPA	11.166	11.918	11907.4E6	8089.3E6	720.000	728.090m

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

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Acq On : 23 Apr 2025 11:49
Operator : AR\AJ
Sample : HSTDICC750
Misc :
ALS Vial : 5 Sample Multiplier: 1

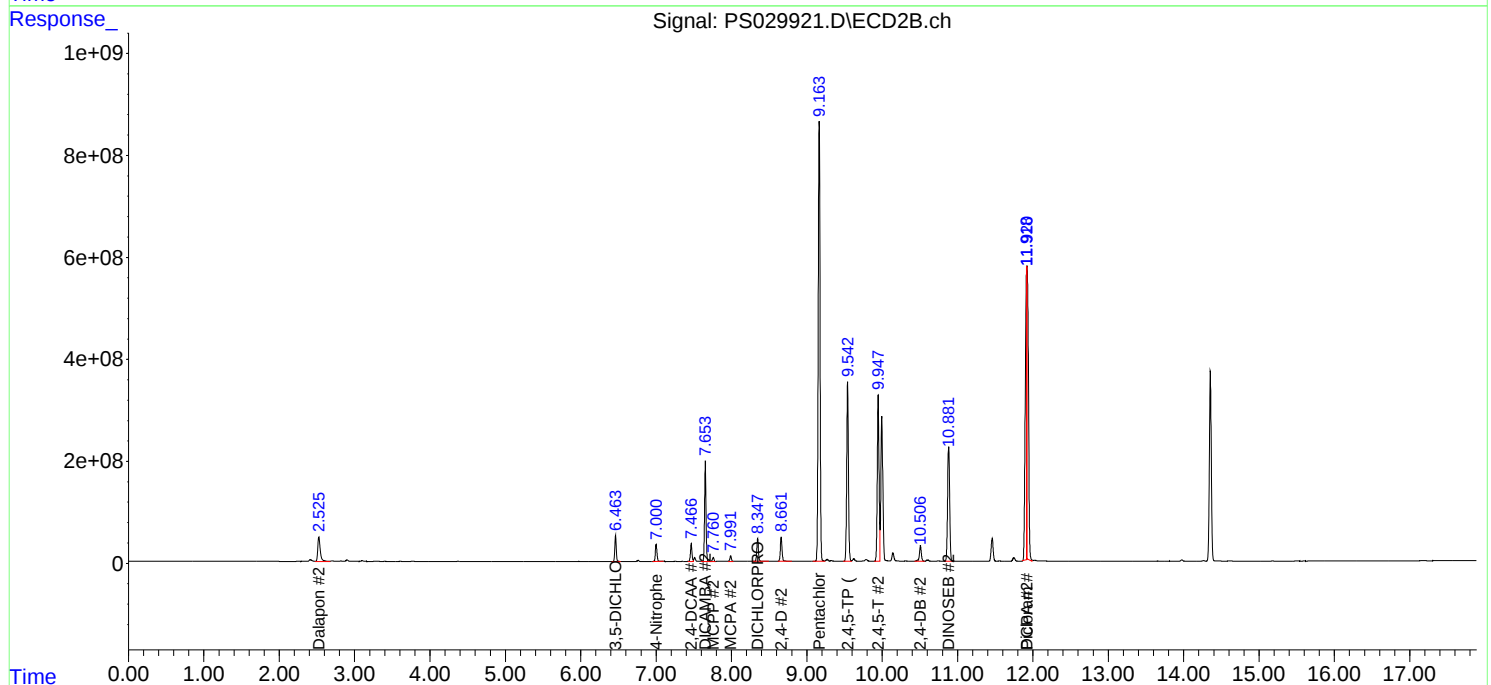
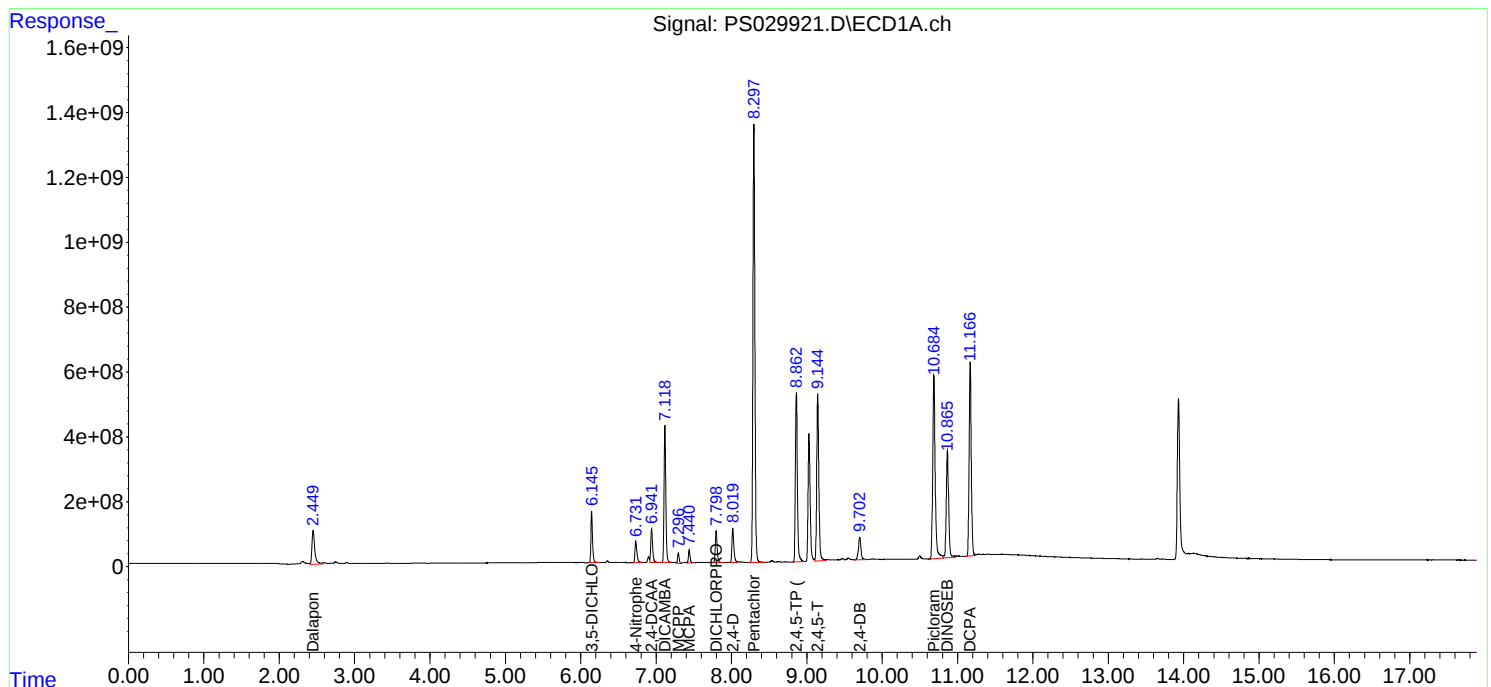
Instrument :
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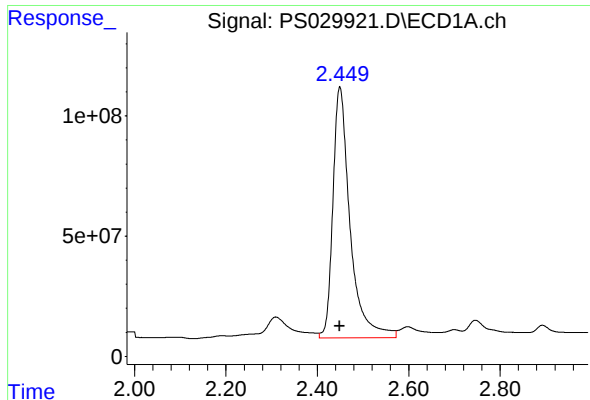
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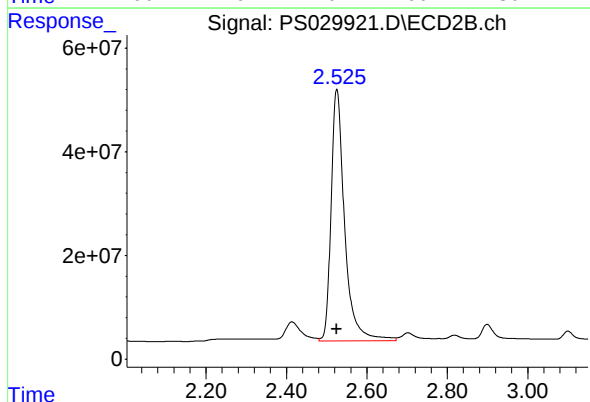
#1 Dalapon

R.T.: 2.449 min
Delta R.T.: 0.000 min
Response: 2731274284
Conc: 682.50 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC750

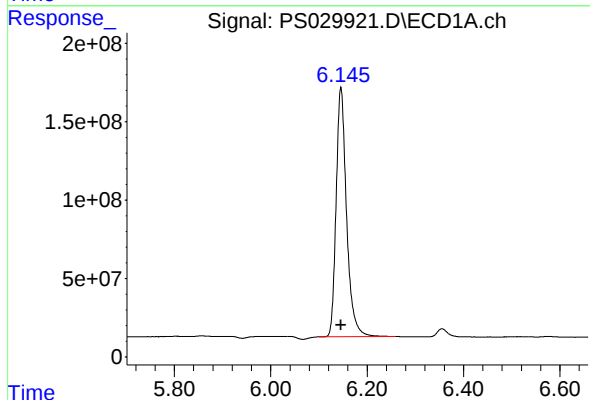
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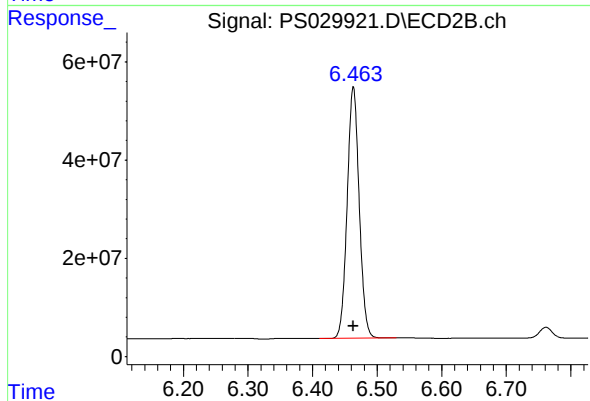
#1 Dalapon

R.T.: 2.525 min
Delta R.T.: 0.000 min
Response: 1134264471
Conc: 682.50 ng/ml



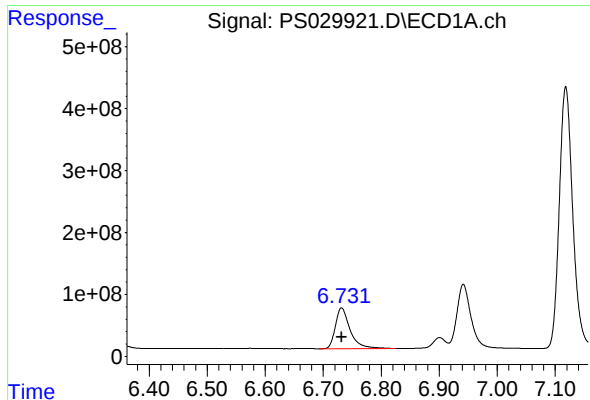
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.146 min
Delta R.T.: 0.000 min
Response: 2388375809
Conc: 697.50 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.463 min
Delta R.T.: 0.000 min
Response: 661411771
Conc: 697.50 ng/ml



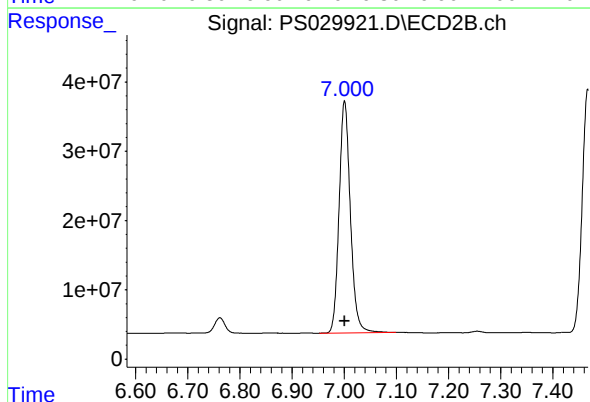
#3 4-Nitrophenol

R.T.: 6.732 min
Delta R.T.: 0.000 min
Response: 1165994997
Conc: 682.50 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC750

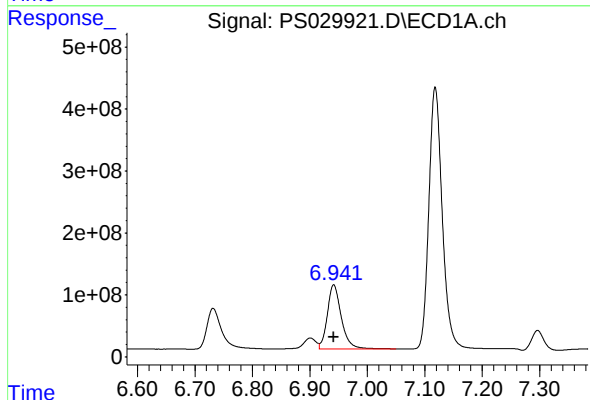
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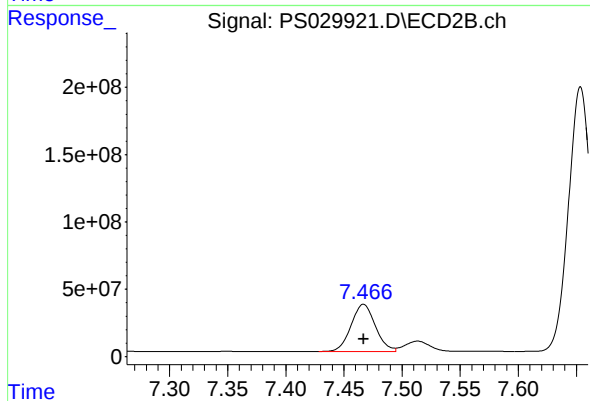
#3 4-Nitrophenol

R.T.: 7.001 min
Delta R.T.: 0.000 min
Response: 503078374
Conc: 682.50 ng/ml



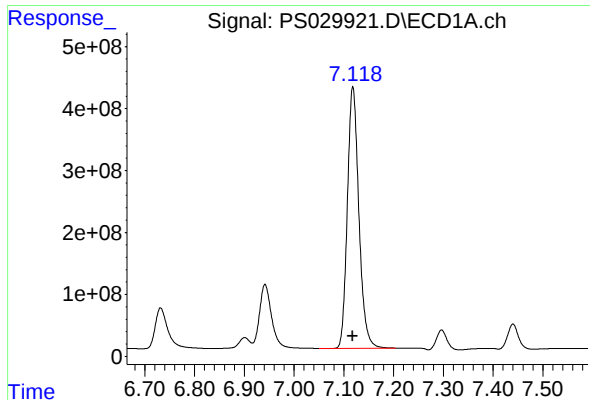
#4 2,4-DCAA

R.T.: 6.942 min
Delta R.T.: 0.000 min
Response: 1757314349
Conc: 750.00 ng/ml



#4 2,4-DCAA

R.T.: 7.467 min
Delta R.T.: 0.000 min
Response: 512143835
Conc: 750.00 ng/ml



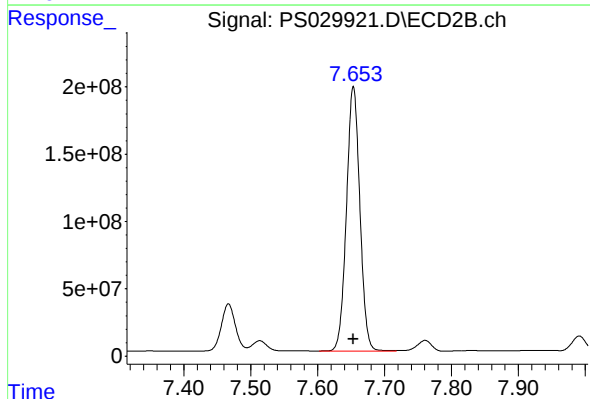
#5 DICAMBA

R.T.: 7.118 min
Delta R.T.: 0.000 min
Response: 6781538346
Conc: 705.00 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC750

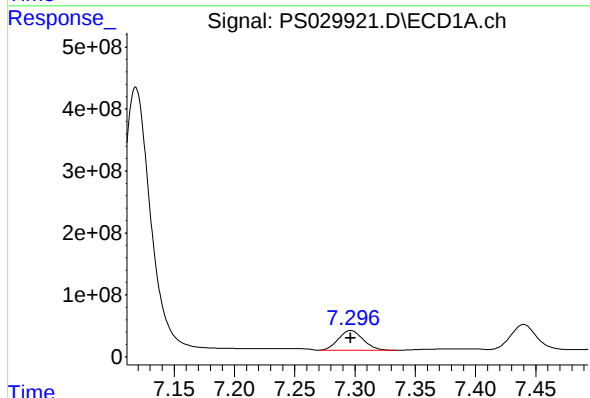
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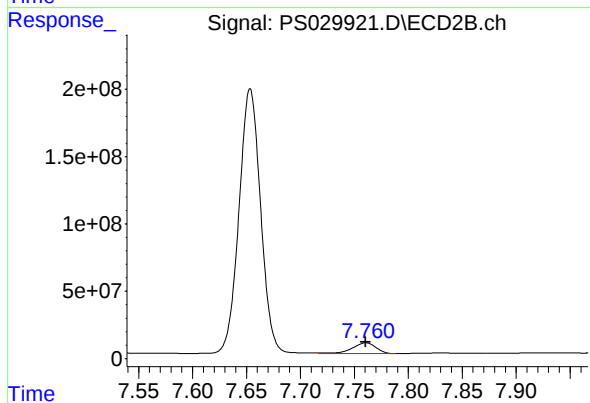
#5 DICAMBA

R.T.: 7.653 min
Delta R.T.: 0.000 min
Response: 2750105949
Conc: 705.00 ng/ml



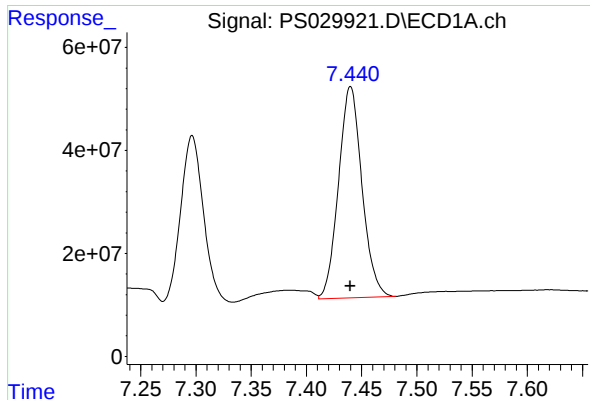
#6 MCPP

R.T.: 7.297 min
Delta R.T.: 0.000 min
Response: 456554341
Conc: 70.50 ug/ml



#6 MCPP

R.T.: 7.761 min
Delta R.T.: 0.000 min
Response: 126016285
Conc: 70.50 ug/ml



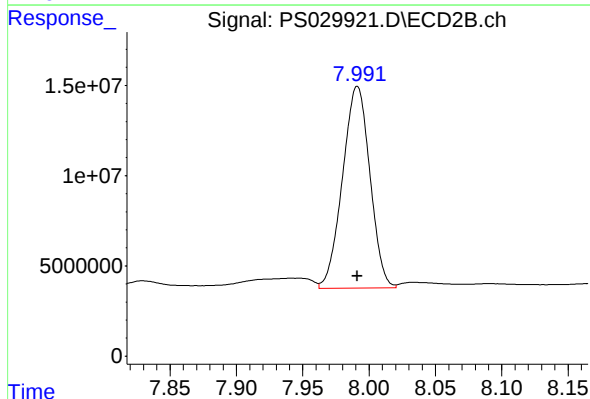
#7 MCPA

R.T.: 7.440 min
Delta R.T.: 0.000 min
Response: 606675377
Conc: 69.75 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC750

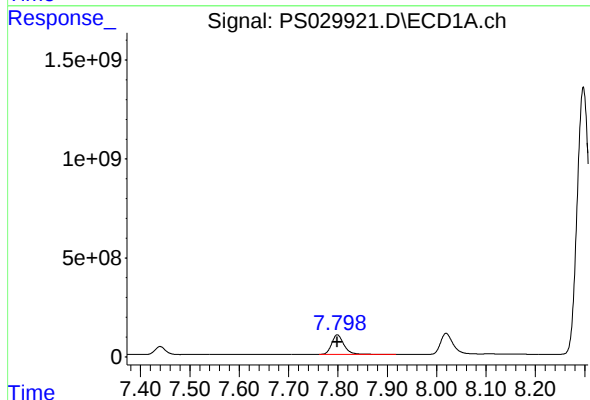
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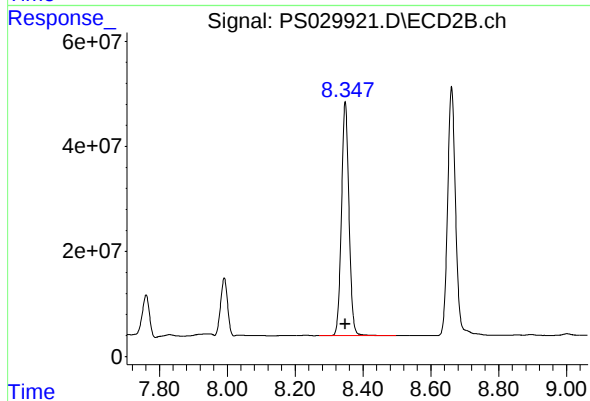
#7 MCPA

R.T.: 7.991 min
Delta R.T.: 0.000 min
Response: 160659432
Conc: 69.75 ug/ml



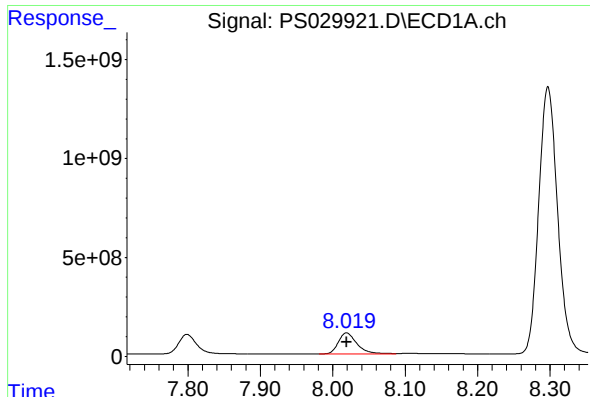
#8 DICHLORPROP

R.T.: 7.799 min
Delta R.T.: 0.000 min
Response: 1701892611
Conc: 705.00 ng/ml



#8 DICHLORPROP

R.T.: 8.348 min
Delta R.T.: 0.000 min
Response: 685337493
Conc: 705.00 ng/ml



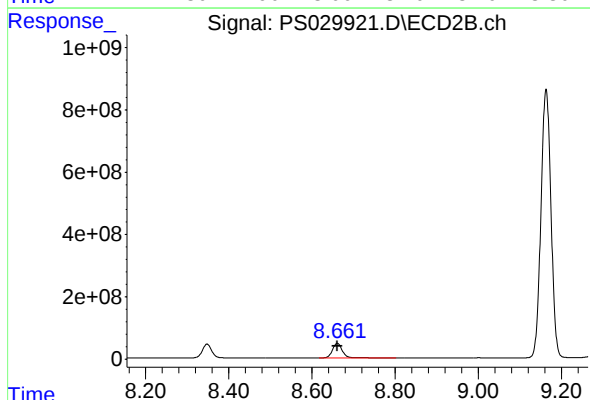
#9 2,4-D

R.T.: 8.019 min
Delta R.T.: 0.000 min
Response: 1900496204
Conc: 705.00 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC750

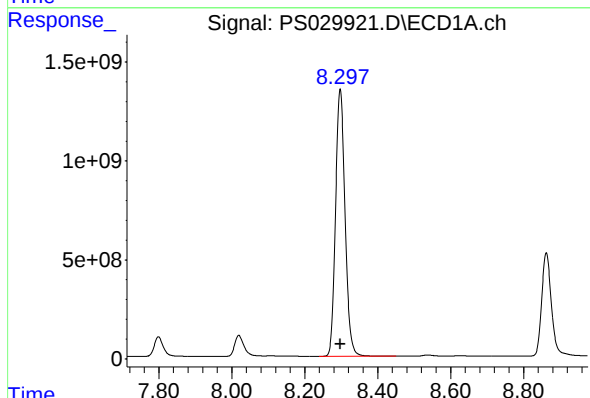
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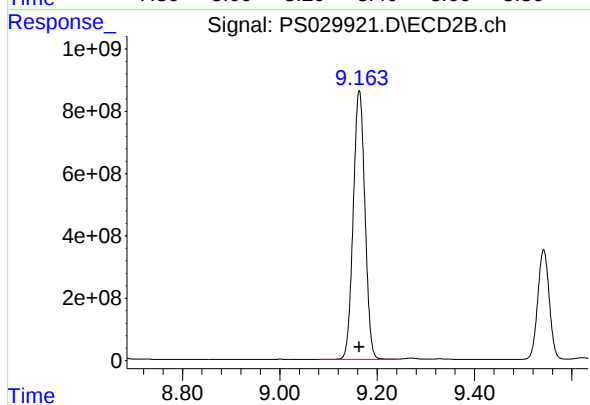
#9 2,4-D

R.T.: 8.661 min
Delta R.T.: 0.000 min
Response: 769155125
Conc: 705.00 ng/ml



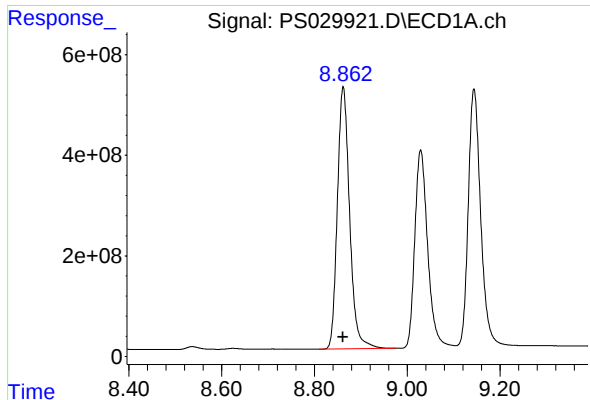
#10 Pentachlorophenol

R.T.: 8.297 min
Delta R.T.: 0.000 min
Response: 24416691751
Conc: 712.50 ng/ml



#10 Pentachlorophenol

R.T.: 9.163 min
Delta R.T.: 0.000 min
Response: 14398444463
Conc: 712.50 ng/ml



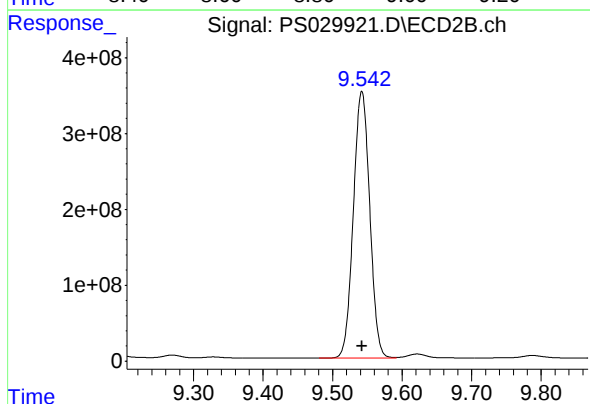
#11 2,4,5-TP (SILVEX)

R.T.: 8.862 min
Delta R.T.: 0.000 min
Response: 9569830576
Conc: 712.50 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC750

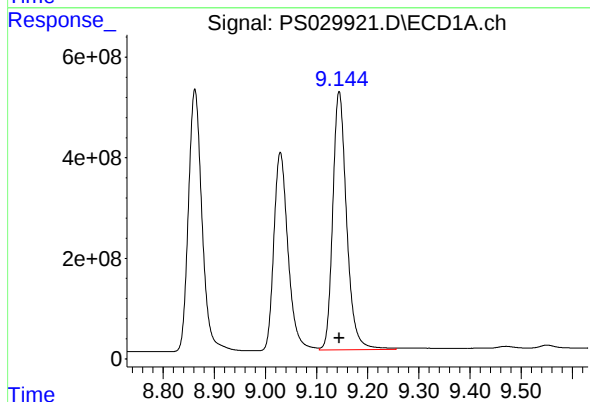
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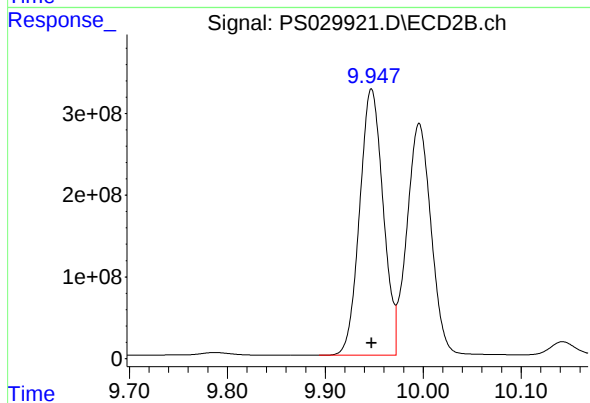
#11 2,4,5-TP (SILVEX)

R.T.: 9.542 min
Delta R.T.: 0.000 min
Response: 5755245929
Conc: 712.50 ng/ml



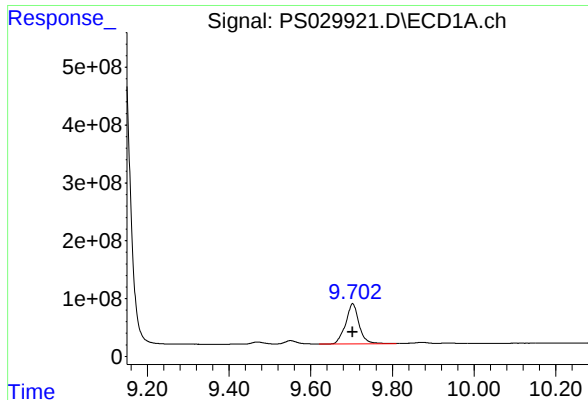
#12 2,4,5-T

R.T.: 9.144 min
Delta R.T.: 0.000 min
Response: 9680261593
Conc: 712.50 ng/ml



#12 2,4,5-T

R.T.: 9.947 min
Delta R.T.: 0.000 min
Response: 5434774786
Conc: 712.50 ng/ml



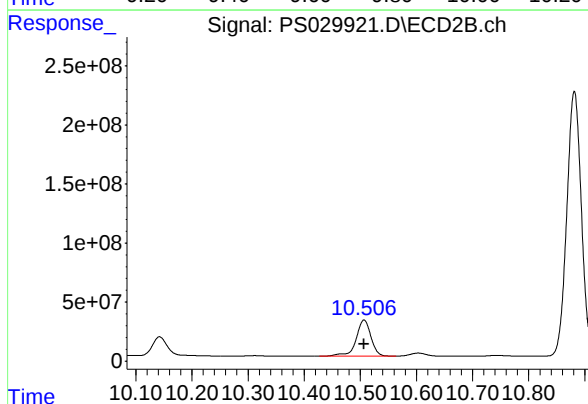
#13 2,4-DB

R.T.: 9.703 min
Delta R.T.: 0.000 min
Response: 1582337187
Conc: 712.50 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC750

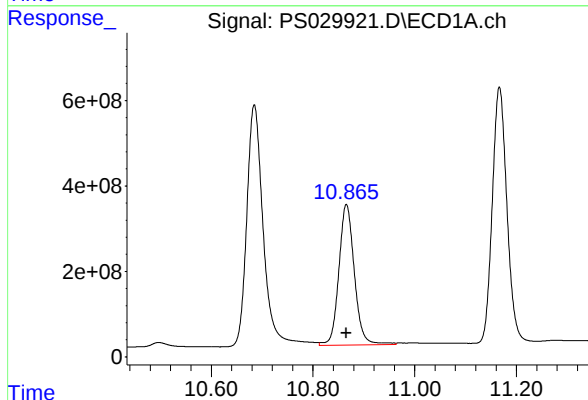
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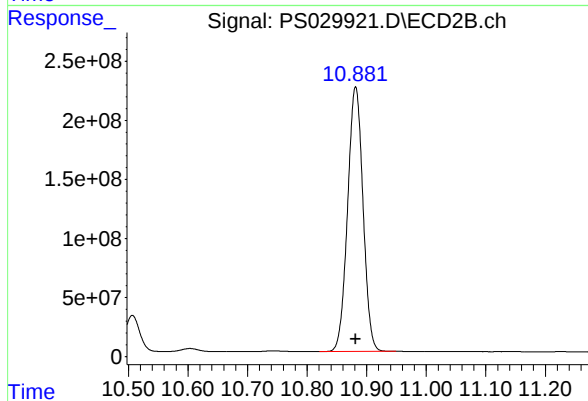
#13 2,4-DB

R.T.: 10.507 min
Delta R.T.: 0.000 min
Response: 567000464
Conc: 712.50 ng/ml



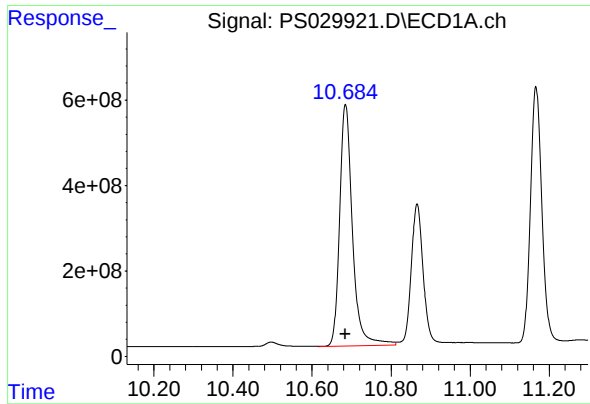
#14 DINOSEB

R.T.: 10.866 min
Delta R.T.: 0.000 min
Response: 6979616298
Conc: 705.00 ng/ml



#14 DINOSEB

R.T.: 10.881 min
Delta R.T.: 0.000 min
Response: 4024544896
Conc: 705.00 ng/ml



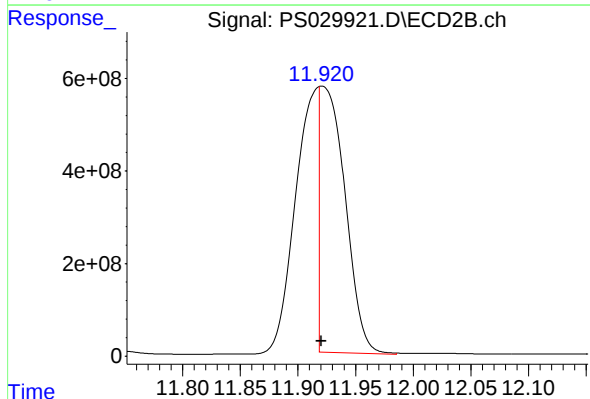
#15 Picloram

R.T.: 10.685 min
Delta R.T.: 0.000 min
Response: 12721770760
Conc: 712.50 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC750

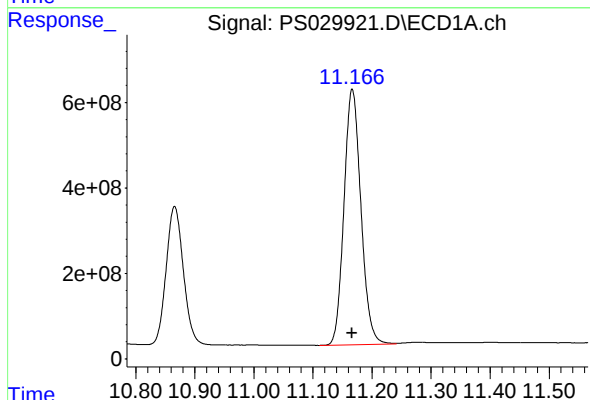
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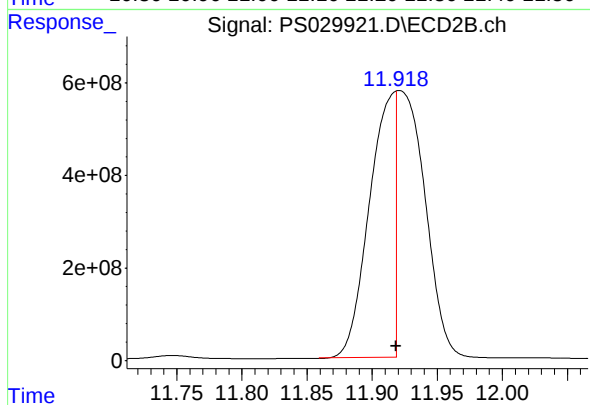
#15 Picloram

R.T.: 11.920 min
Delta R.T.: 0.000 min
Response: 8674908222
Conc: 724.03 ng/ml m



#16 DCPA

R.T.: 11.166 min
Delta R.T.: 0.000 min
Response: 11907371025
Conc: 720.00 ng/ml



#16 DCPA

R.T.: 11.918 min
Delta R.T.: 0.000 min
Response: 8089285607
Conc: 728.09 ng/ml m