

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS061825\
 Data File : PS030742.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Jun 2025 12:37
 Operator : AR\AJ
 Sample : HSTDICC1000
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDICC1000

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/19/2025
 Supervised By : mohammad ahmed 06/20/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 18 13:32:23 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS061825.M
 Quant Title : 8080.M
 QLast Update : Wed Jun 18 13:31:43 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	7.349	7.770	3449.9E6	993.0E6	1007.482m	978.598
Target Compounds							
1) T	Dalapon	2.711	2.710	5150.3E6	2361.2E6	890.676	891.083
2) T	3,5-DICHL...	6.508	6.716	4617.8E6	1397.4E6	912.175	911.477
3) T	4-Nitroph...	7.149	7.302	1346.0E6	1506.7E6	887.706	886.926
5) T	DICAMBA	7.540	7.973	13729.6E6	5900.9E6	922.935	921.488
6) T	MCP	7.723	8.073	915.4E6	207.0E6	90.761	91.801
7) T	MCPA	7.873	8.323	1089.6E6	295.3E6	89.789	91.284
8) T	DICHLORPROP	8.254	8.692	3084.8E6	1328.0E6	916.366	923.462
9) T	2,4-D	8.486	9.027	2961.7E6	1432.3E6	916.252	915.890
10) T	Pentachlo...	8.799	9.553	44933.5E6	34544.9E6	970.273	964.535
11) T	2,4,5-TP ...	9.375	9.933	17920.7E6	12790.2E6	930.890	933.380
12) T	2,4,5-T	9.669	10.359	15378.5E6	12286.7E6	928.339	932.902
13) T	2,4-DB	10.248	10.927	2257.2E6	1053.3E6	919.502	932.595
14) T	DINOSEB	11.468	11.313	12449.4E6	9605.3E6	918.844	921.811
15) T	Picloram	11.275	12.421	15192.8E6	21456.6E6	916.121	928.345
16) T	DCPA	11.763	12.357	23325.9E6	19939.4E6	946.473	946.862

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

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Acq On : 18 Jun 2025 12:37
Operator : AR\AJ
Sample : HSTDICC1000
Misc :
ALS Vial : 6 Sample Multiplier: 1

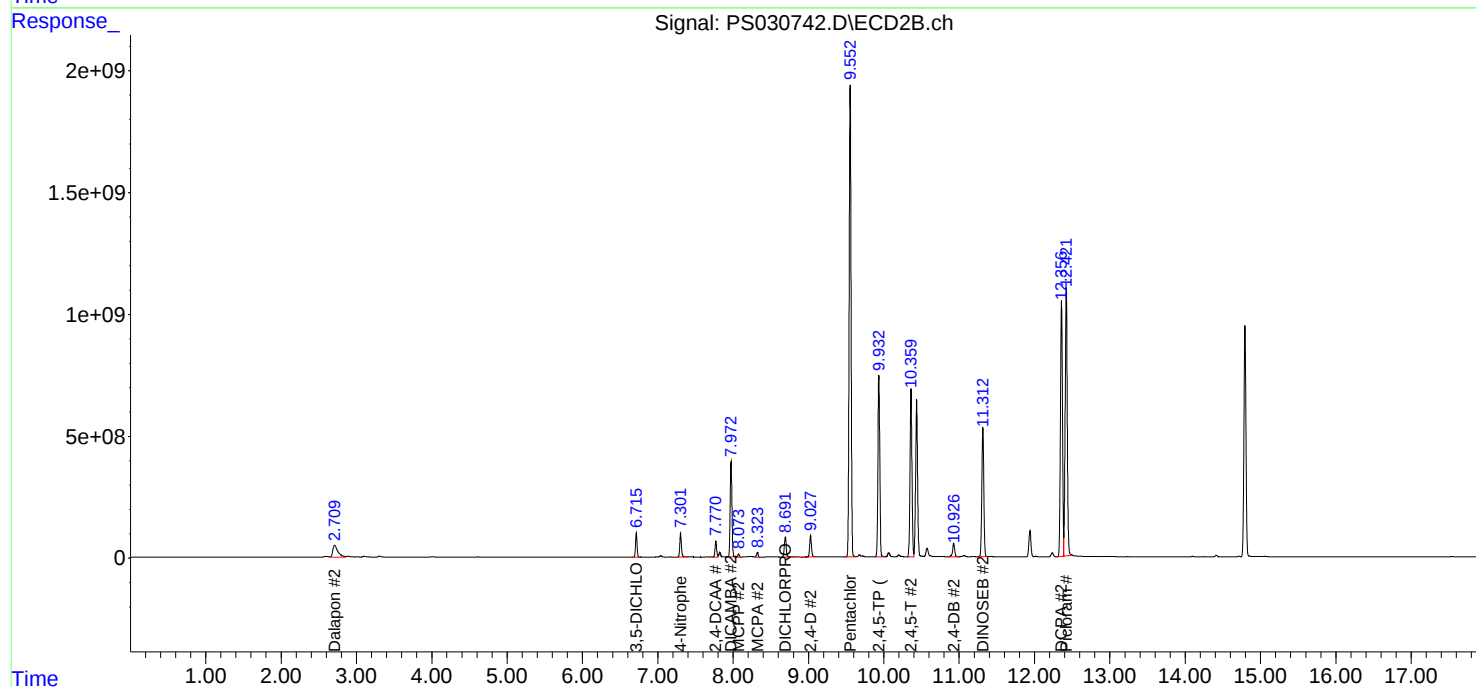
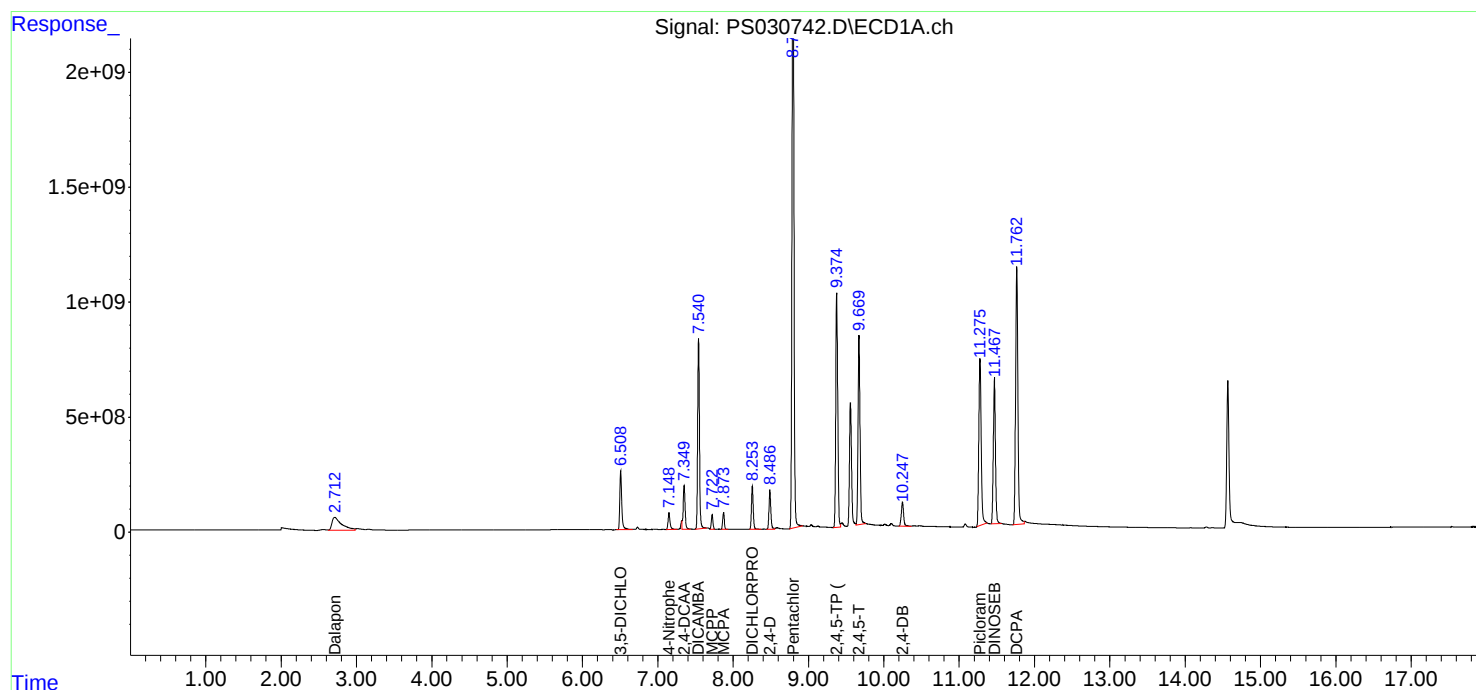
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ClientSampleId :
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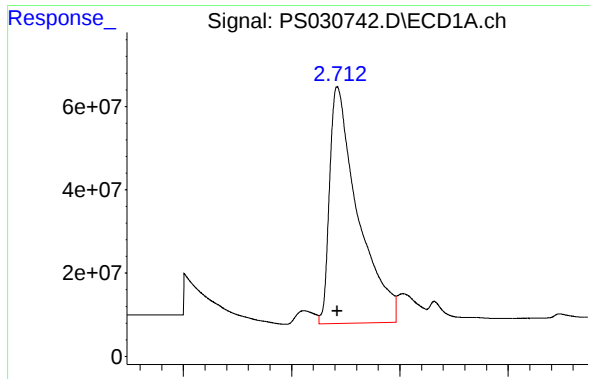
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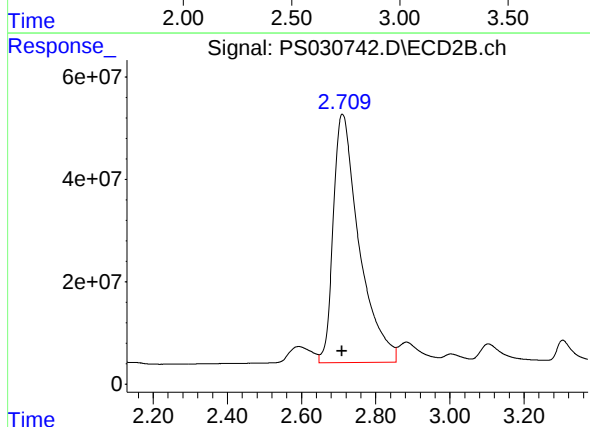
#1 Dalapon

R.T.: 2.711 min
Delta R.T.: 0.000 min
Response: 5150349712
Conc: 890.68 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC1000

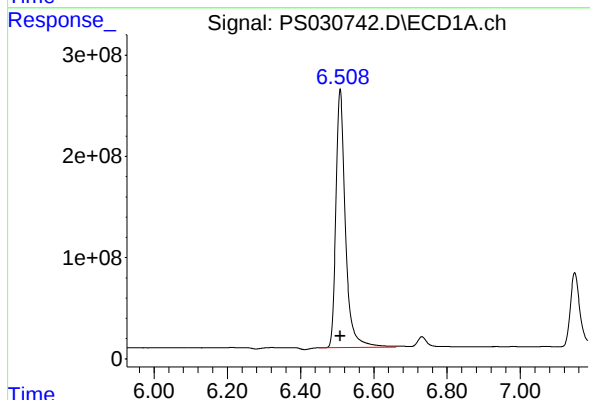
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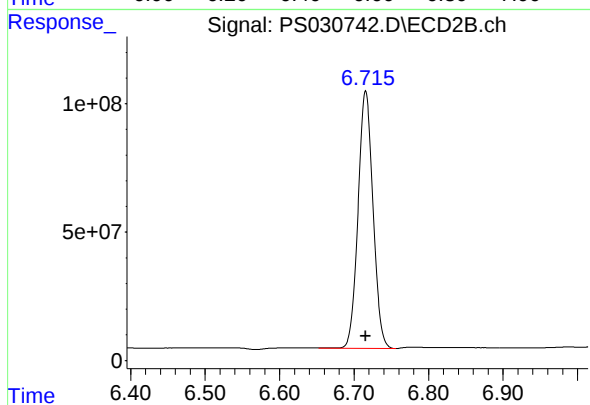
#1 Dalapon

R.T.: 2.710 min
Delta R.T.: 0.000 min
Response: 2361166728
Conc: 891.08 ng/ml



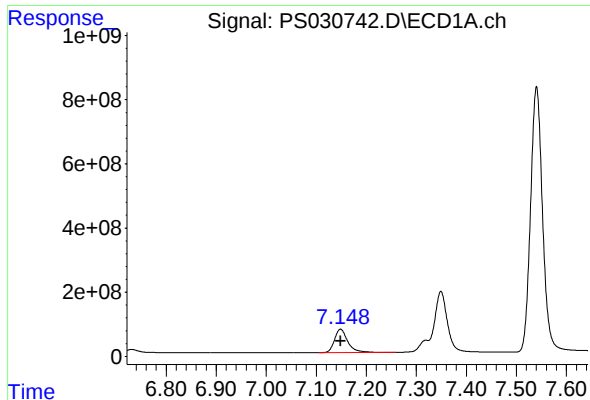
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.508 min
Delta R.T.: 0.000 min
Response: 4617816359
Conc: 912.18 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.716 min
Delta R.T.: 0.000 min
Response: 1397419981
Conc: 911.48 ng/ml



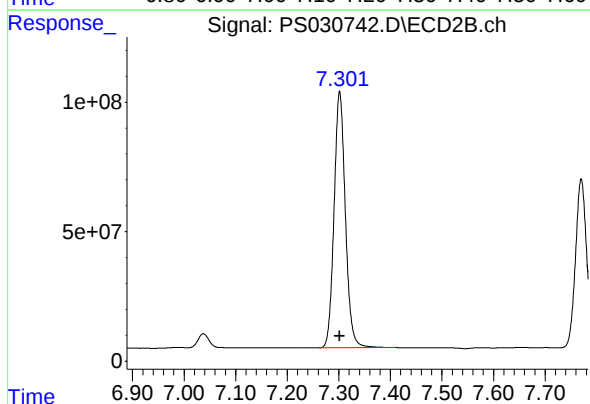
#3 4-Nitrophenol

R.T.: 7.149 min
Delta R.T.: 0.000 min
Response: 1345981224
Conc: 887.71 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC1000

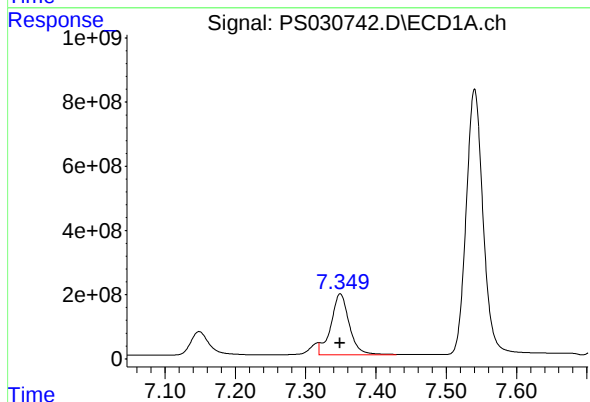
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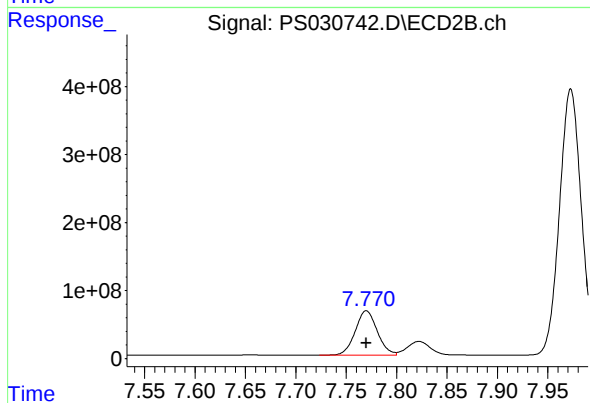
#3 4-Nitrophenol

R.T.: 7.302 min
Delta R.T.: 0.000 min
Response: 1506748368
Conc: 886.93 ng/ml



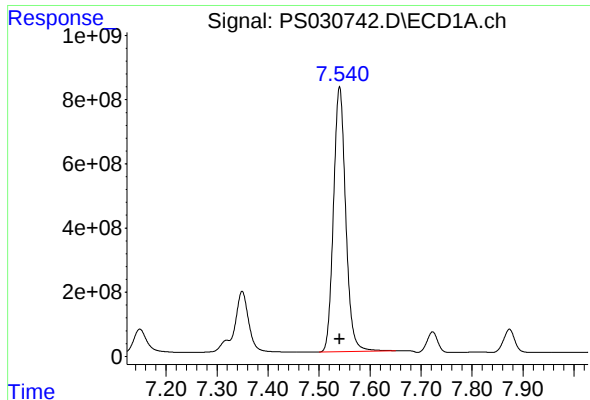
#4 2,4-DCAA

R.T.: 7.349 min
Delta R.T.: 0.000 min
Response: 3449864186
Conc: 1007.48 ng/ml m



#4 2,4-DCAA

R.T.: 7.770 min
Delta R.T.: 0.000 min
Response: 993038495
Conc: 978.60 ng/ml



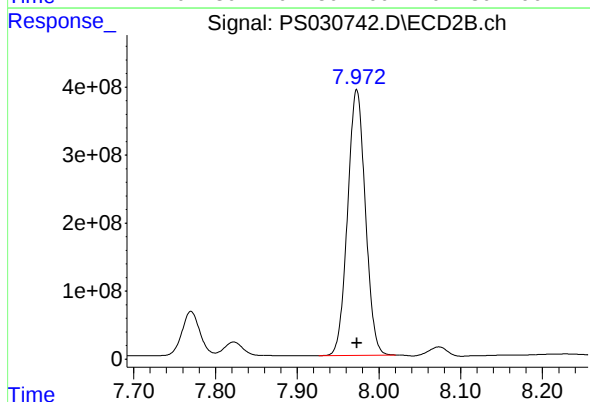
#5 DICAMBA

R.T.: 7.540 min
Delta R.T.: 0.000 min
Response: 13729562665
Conc: 922.93 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC1000

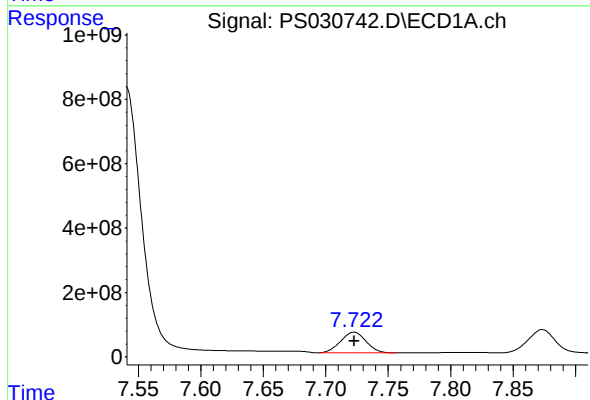
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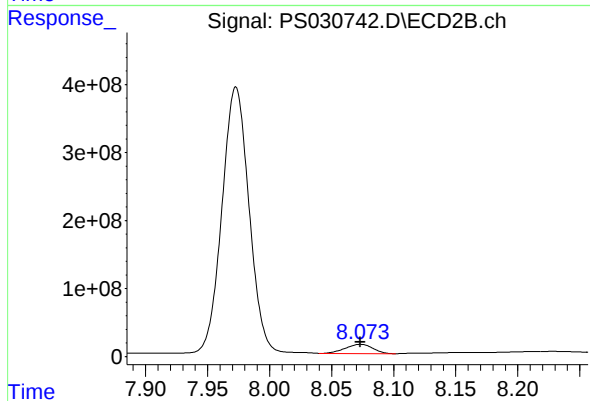
#5 DICAMBA

R.T.: 7.973 min
Delta R.T.: 0.000 min
Response: 5900942386
Conc: 921.49 ng/ml



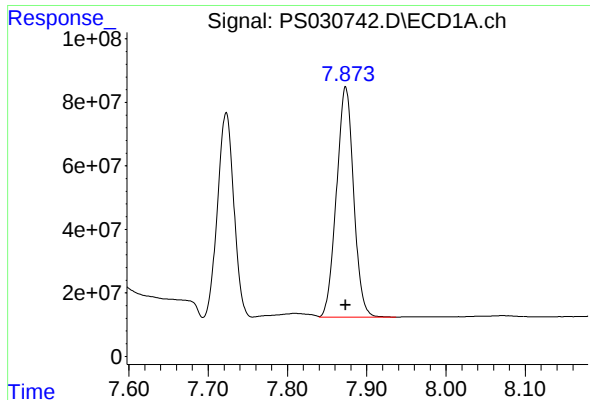
#6 MCPP

R.T.: 7.723 min
Delta R.T.: 0.000 min
Response: 915418187
Conc: 90.76 ug/ml



#6 MCPP

R.T.: 8.073 min
Delta R.T.: 0.000 min
Response: 207041769
Conc: 91.80 ug/ml



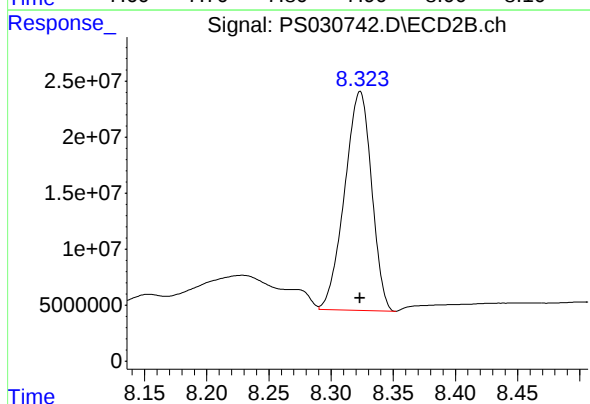
#7 MCPA

R.T.: 7.873 min
Delta R.T.: 0.000 min
Response: 1089633391
Conc: 89.79 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC1000

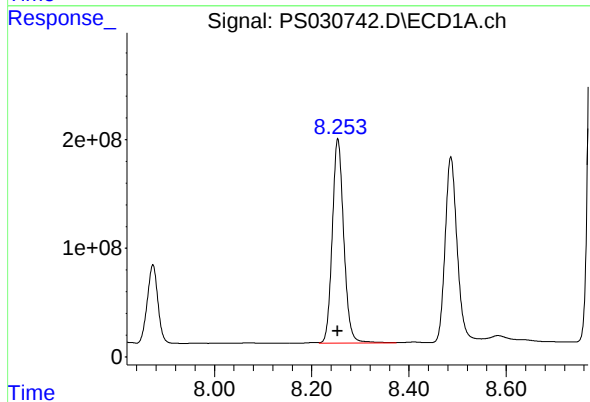
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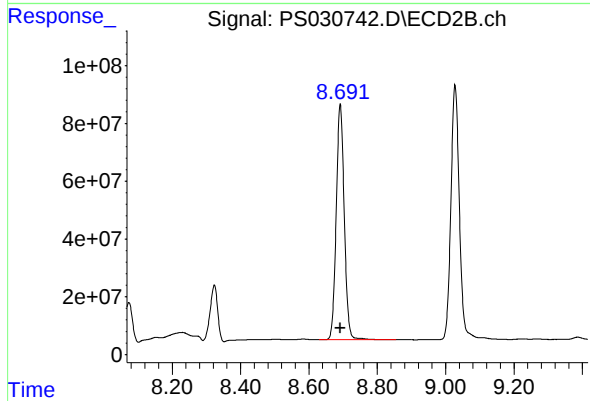
#7 MCPA

R.T.: 8.323 min
Delta R.T.: 0.000 min
Response: 295275447
Conc: 91.28 ug/ml



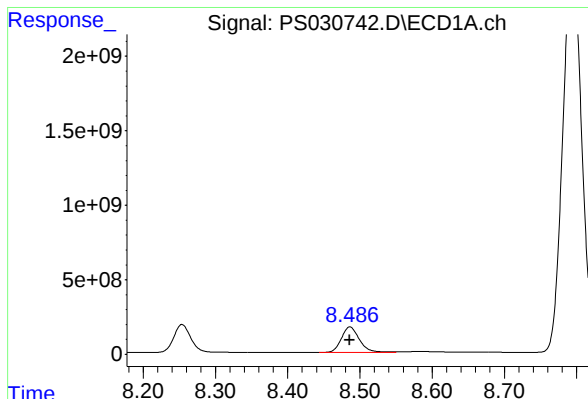
#8 DICHLORPROP

R.T.: 8.254 min
Delta R.T.: 0.000 min
Response: 3084761486
Conc: 916.37 ng/ml



#8 DICHLORPROP

R.T.: 8.692 min
Delta R.T.: 0.000 min
Response: 1328031461
Conc: 923.46 ng/ml



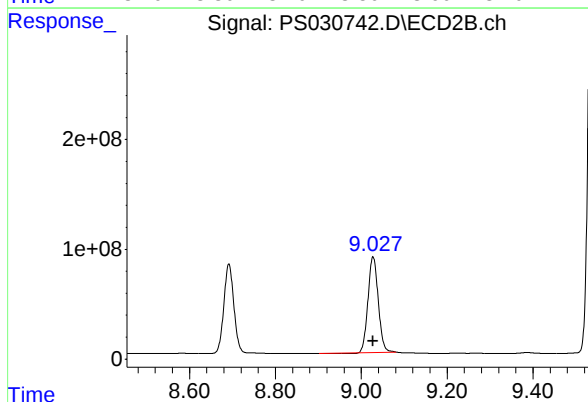
#9 2,4-D

R.T.: 8.486 min
Delta R.T.: 0.000 min
Response: 2961680588
Conc: 916.25 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC1000

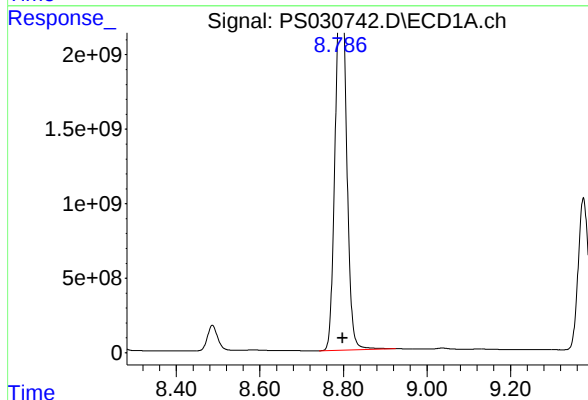
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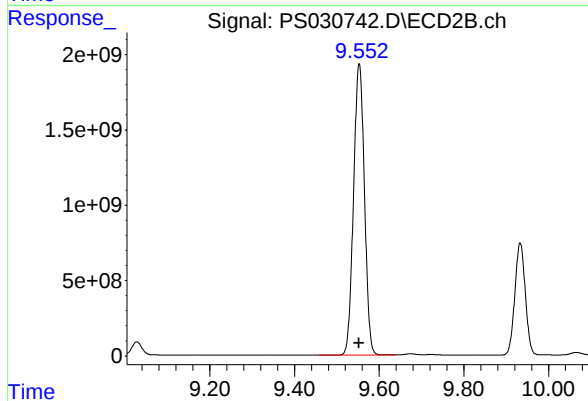
#9 2,4-D

R.T.: 9.027 min
Delta R.T.: 0.000 min
Response: 1432273210
Conc: 915.89 ng/ml



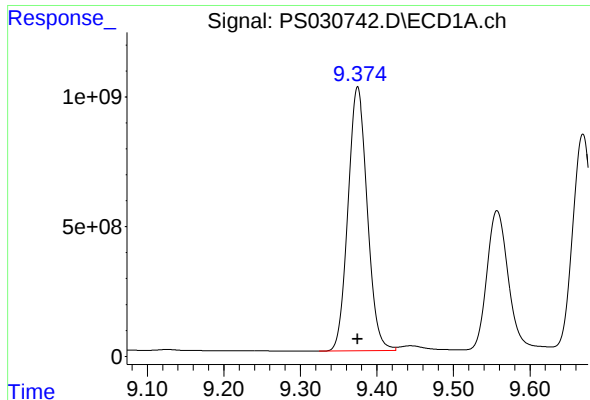
#10 Pentachlorophenol

R.T.: 8.799 min
Delta R.T.: 0.000 min
Response: 44933481418
Conc: 970.27 ng/ml



#10 Pentachlorophenol

R.T.: 9.553 min
Delta R.T.: 0.000 min
Response: 34544869508
Conc: 964.54 ng/ml



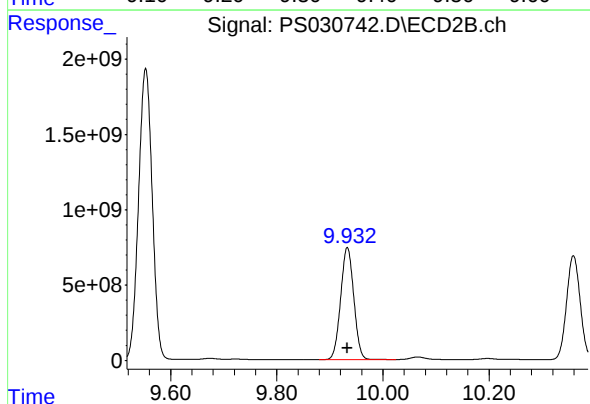
#11 2,4,5-TP (SILVEX)

R.T.: 9.375 min
Delta R.T.: 0.000 min
Response: 17920714061
Conc: 930.89 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC1000

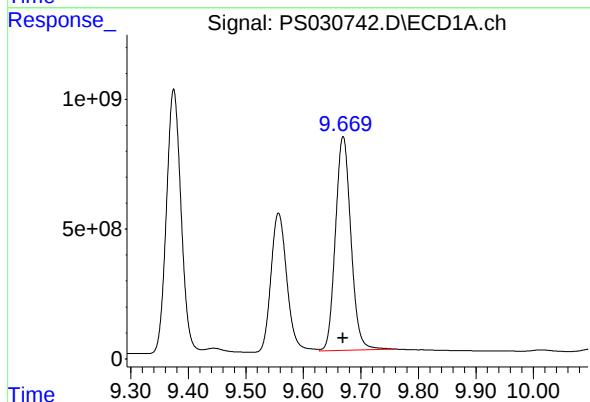
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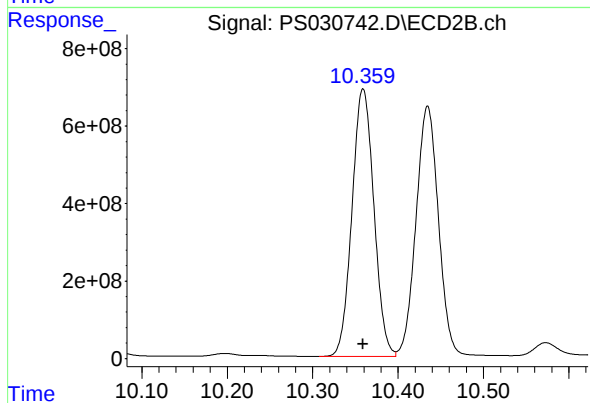
#11 2,4,5-TP (SILVEX)

R.T.: 9.933 min
Delta R.T.: 0.000 min
Response: 12790177185
Conc: 933.38 ng/ml



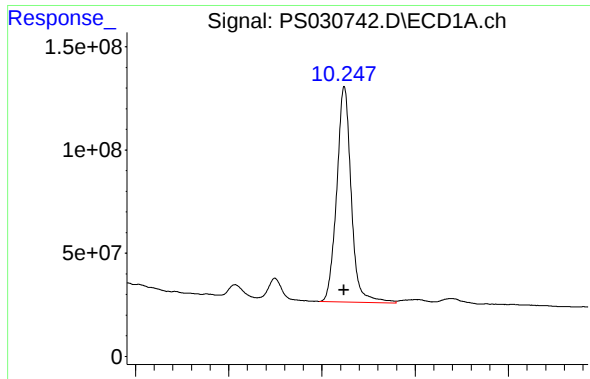
#12 2,4,5-T

R.T.: 9.669 min
Delta R.T.: 0.000 min
Response: 15378543665
Conc: 928.34 ng/ml



#12 2,4,5-T

R.T.: 10.359 min
Delta R.T.: 0.000 min
Response: 12286654526
Conc: 932.90 ng/ml



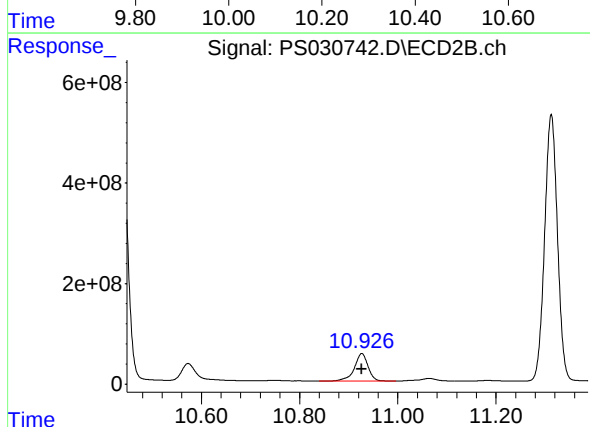
#13 2,4-DB

R.T.: 10.248 min
Delta R.T.: 0.000 min
Response: 2257237568
Conc: 919.50 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC1000

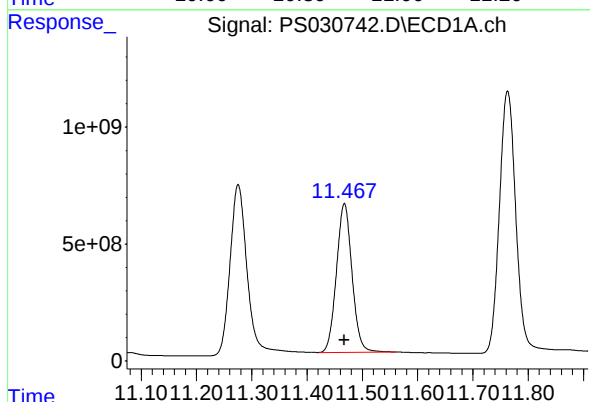
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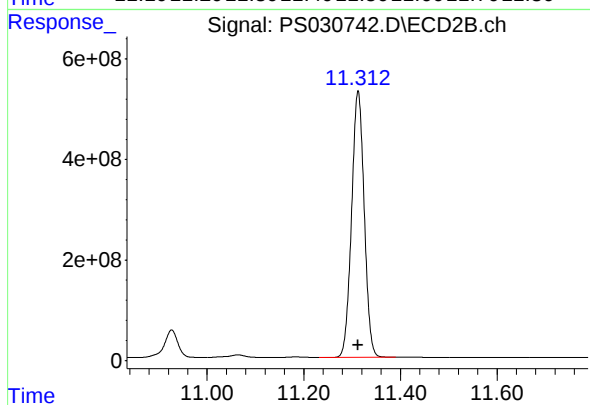
#13 2,4-DB

R.T.: 10.927 min
Delta R.T.: 0.000 min
Response: 1053310730
Conc: 932.60 ng/ml



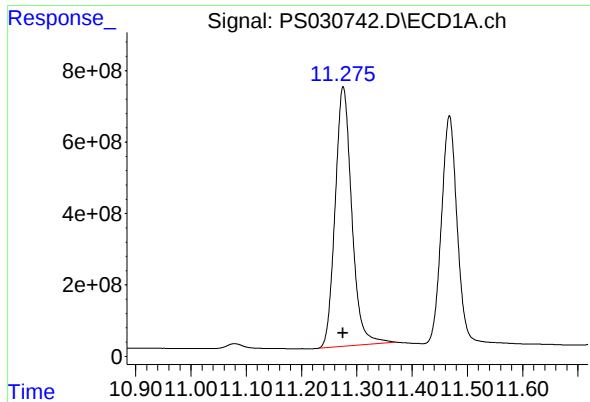
#14 DINOSEB

R.T.: 11.468 min
Delta R.T.: 0.000 min
Response: 12449372177
Conc: 918.84 ng/ml



#14 DINOSEB

R.T.: 11.313 min
Delta R.T.: 0.000 min
Response: 9605348478
Conc: 921.81 ng/ml



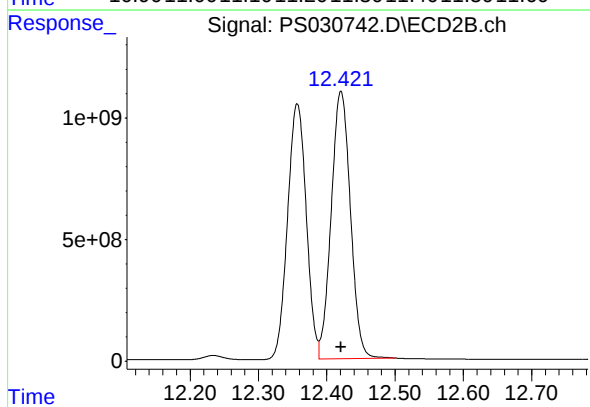
#15 Picloram

R.T.: 11.275 min
Delta R.T.: 0.000 min
Response: 15192832272
Conc: 916.12 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC1000

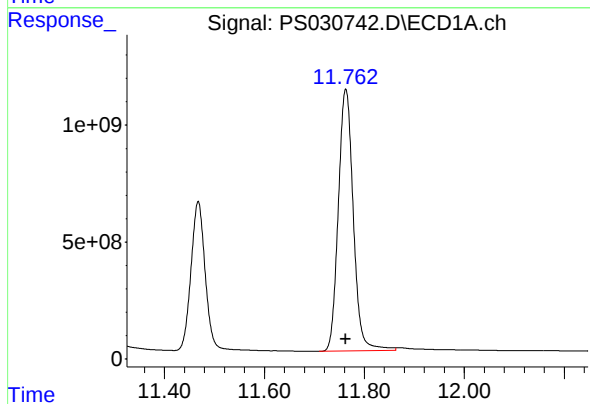
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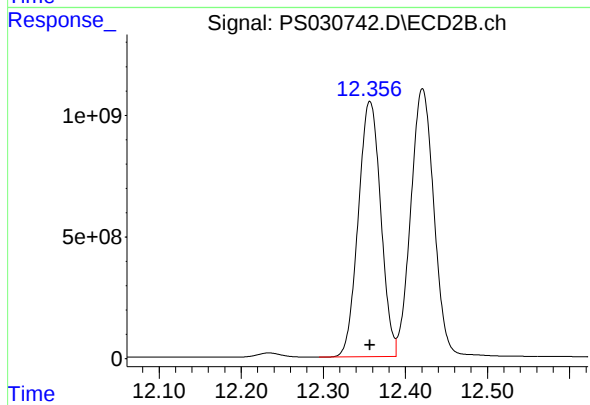
#15 Picloram

R.T.: 12.421 min
Delta R.T.: 0.000 min
Response: 21456556552
Conc: 928.35 ng/ml



#16 DCPA

R.T.: 11.763 min
Delta R.T.: 0.000 min
Response: 23325903951
Conc: 946.47 ng/ml



#16 DCPA

R.T.: 12.357 min
Delta R.T.: 0.000 min
Response: 19939441650
Conc: 946.86 ng/ml