

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS061225\
 Data File : PS030652.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Jun 2025 20:49
 Operator : AR\AJ
 Sample : PB168440BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PB168440BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/13/2025
 Supervised By : mohammad ahmed 06/16/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 13 05:55:24 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060425.M
 Quant Title : 8080.M
 QLast Update : Wed Jun 04 13:21:22 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	7.355	7.768	1888.2E6	553.4E6	500.174m	514.508
Target Compounds							
1) T	Dalapon	2.714	2.711	2630.2E6	1242.7E6	465.776	453.549
2) T	3,5-DICHL...	6.513	6.714	2610.8E6	752.0E6	481.131	480.723
3) T	4-Nitroph...	7.155	7.299	804.3E6	752.3E6	438.592	479.995
5) T	DICAMBA	7.546	7.971	7599.1E6	3157.8E6	492.730	490.219
6) T	MCP	7.727	8.069	477.3E6	110.6E6	48.184m	47.828
7) T	MCPA	7.877	8.317	574.8E6	147.8E6	45.295	47.891m
8) T	DICHLORPROP	8.262	8.690	1759.0E6	724.9E6	483.496	488.438
9) T	2,4-D	8.493	9.026	1664.1E6	786.9E6	456.711	500.455
10) T	Pentachlo...	8.801	9.552	27160.4E6	18506.1E6	534.799m	512.095
11) T	2,4,5-TP ...	9.383	9.933	10064.2E6	6826.9E6	487.013	497.705
12) T	2,4,5-T	9.678	10.359	8314.7E6	6410.1E6	451.124	490.925
13) T	2,4-DB	10.257	10.926	1199.1E6	550.6E6	394.920	478.961
14) T	DINOSEB	11.477	11.312	6886.7E6	4896.0E6	479.077m	487.160
15) T	Picloram	11.283	12.420	7155.5E6	9202.1E6	357.691m	416.690
16) T	DCPA	11.773	12.357	13177.9E6	10316.1E6	498.405m	504.137

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

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Operator : AR\AJ
Sample : PB168440BS
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ALS Vial : 15 Sample Multiplier: 1

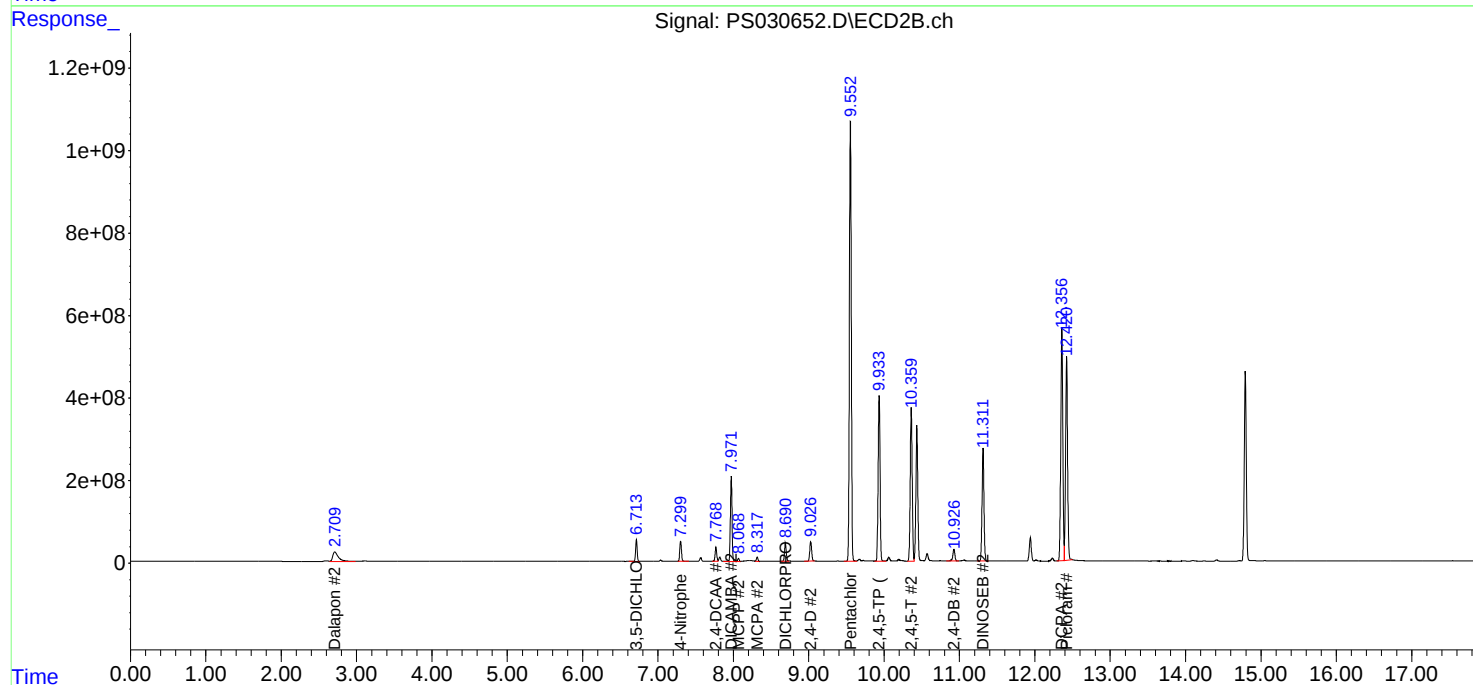
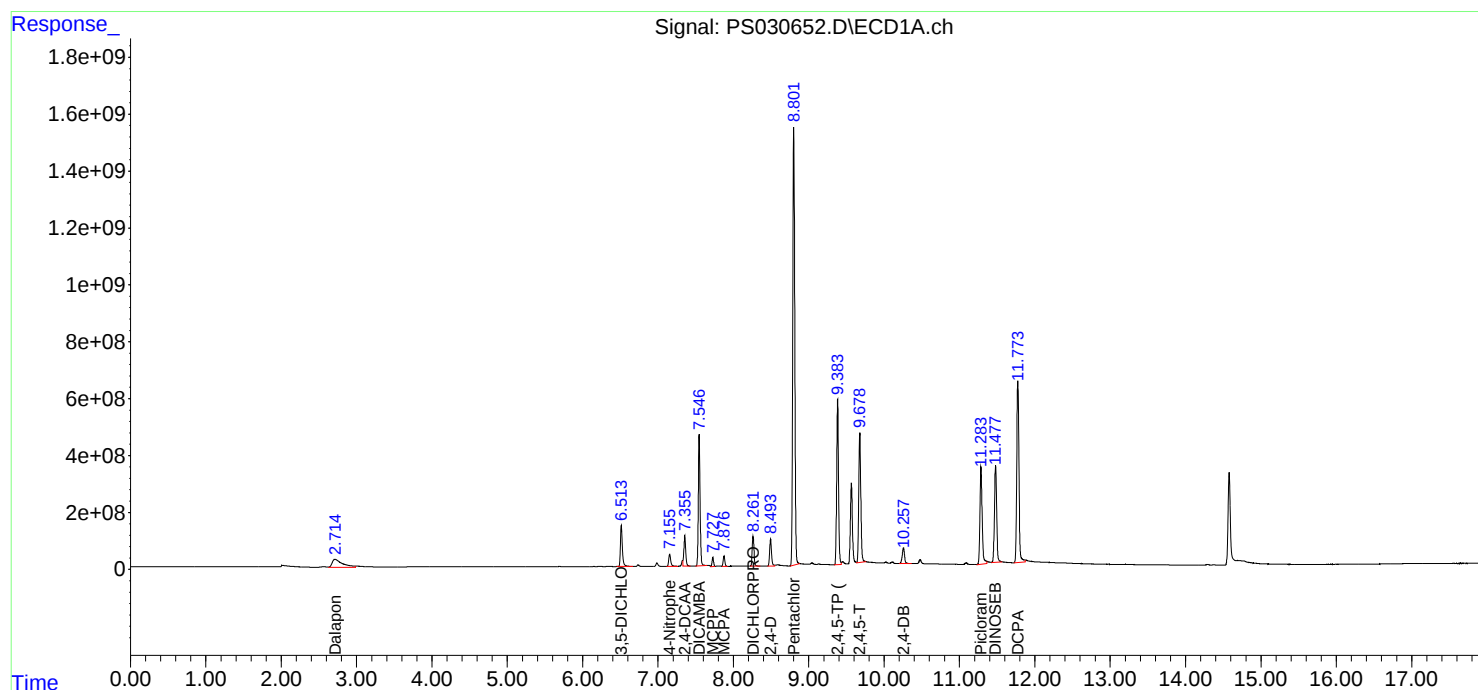
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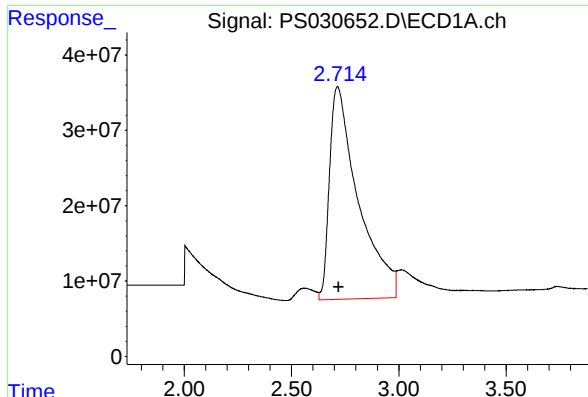
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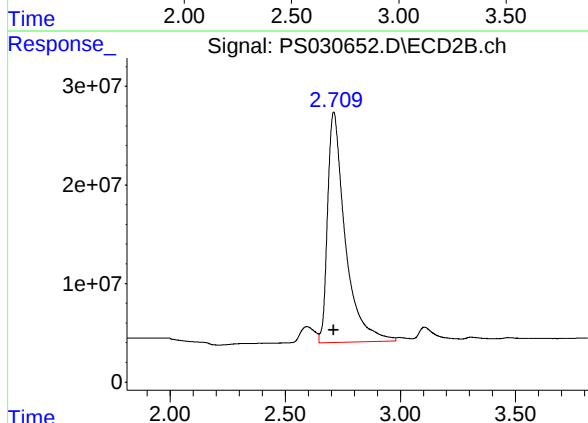
#1 Dalapon

R.T.: 2.714 min
Delta R.T.: -0.006 min
Response: 2630223150
Conc: 465.78 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168440BS

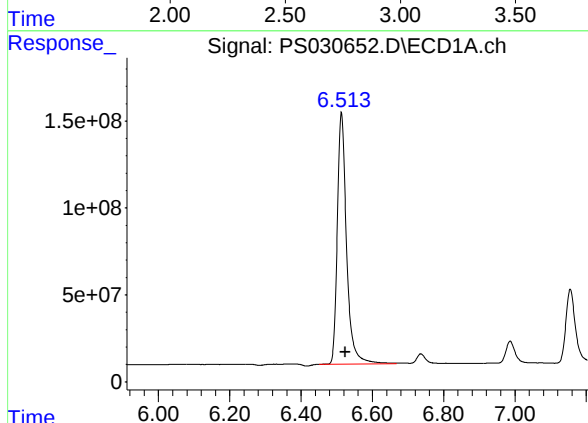
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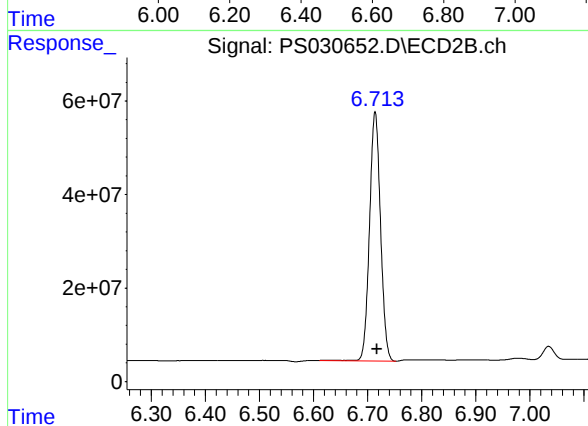
#1 Dalapon

R.T.: 2.711 min
Delta R.T.: 0.000 min
Response: 1242732185
Conc: 453.55 ng/ml



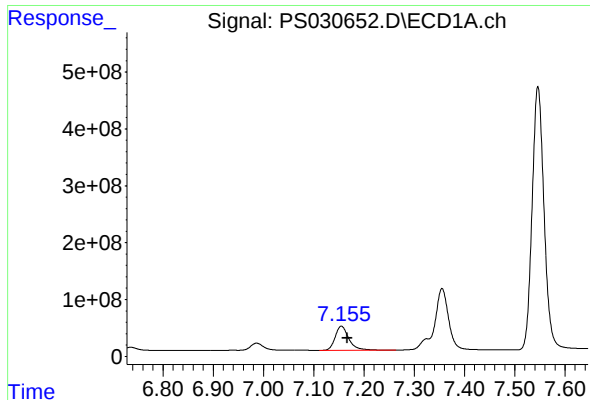
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.513 min
Delta R.T.: -0.011 min
Response: 2610785982
Conc: 481.13 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.714 min
Delta R.T.: -0.003 min
Response: 751969203
Conc: 480.72 ng/ml



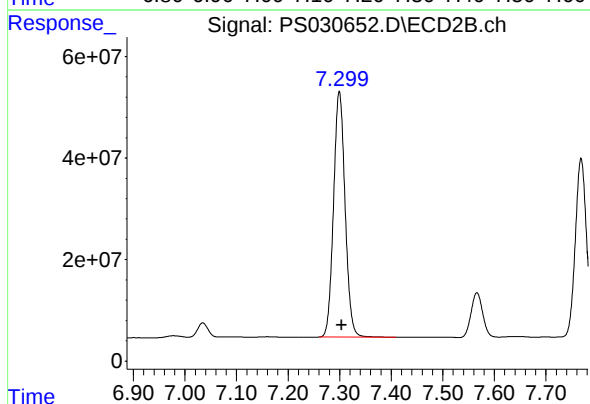
#3 4-Nitrophenol

R.T.: 7.155 min
Delta R.T.: -0.012 min
Response: 804269882
Conc: 438.59 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168440BS

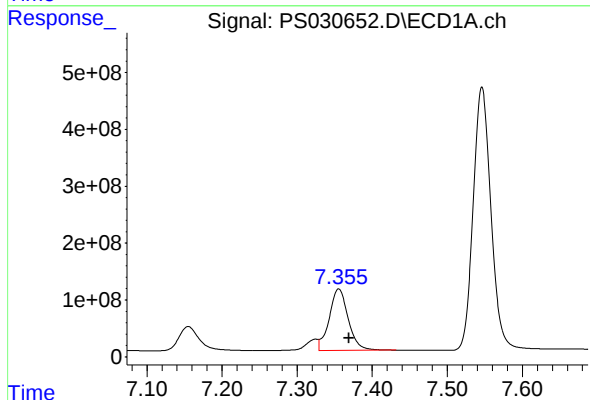
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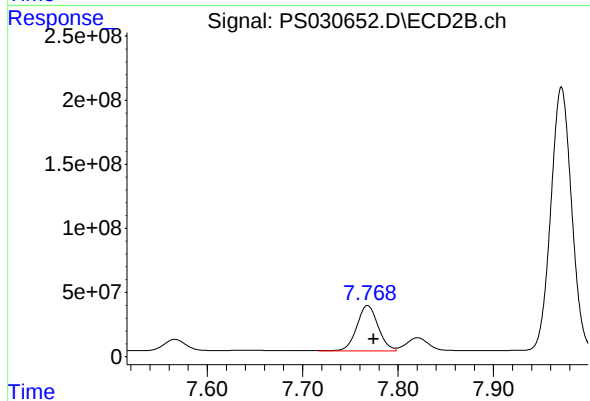
#3 4-Nitrophenol

R.T.: 7.299 min
Delta R.T.: -0.004 min
Response: 752268000
Conc: 479.99 ng/ml



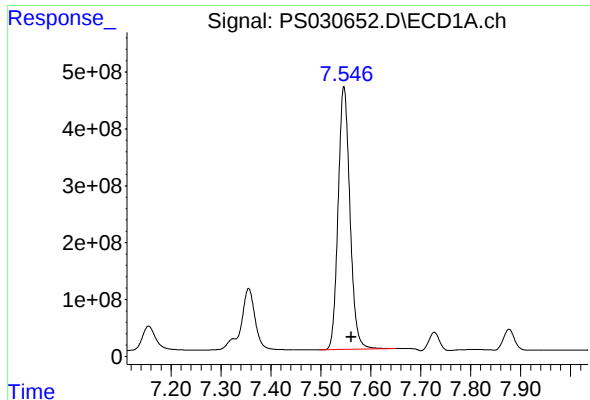
#4 2,4-DCAA

R.T.: 7.355 min
Delta R.T.: -0.014 min
Response: 1888229341
Conc: 500.17 ng/ml m



#4 2,4-DCAA

R.T.: 7.768 min
Delta R.T.: -0.006 min
Response: 553409743
Conc: 514.51 ng/ml



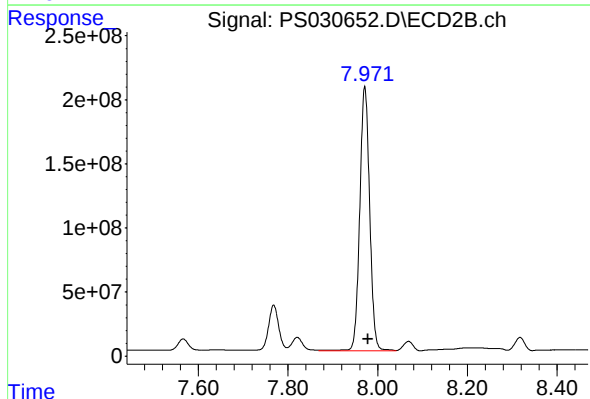
#5 DICAMBA

R.T.: 7.546 min
Delta R.T.: -0.015 min
Response: 7599149908
Conc: 492.73 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168440BS

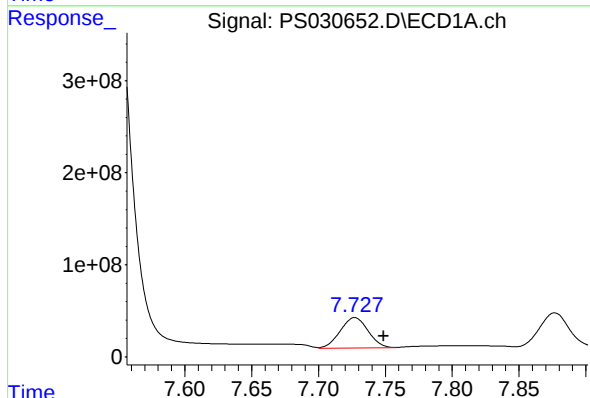
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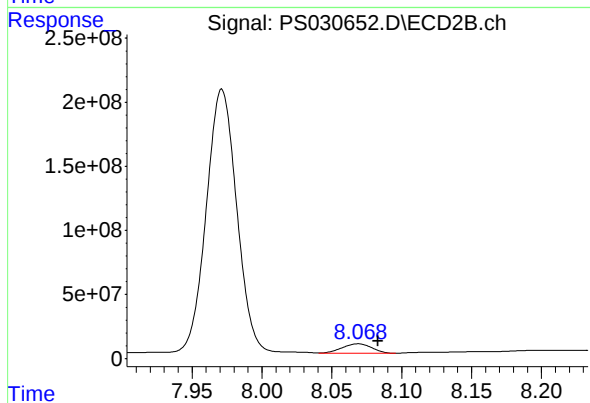
#5 DICAMBA

R.T.: 7.971 min
Delta R.T.: -0.007 min
Response: 3157817304
Conc: 490.22 ng/ml



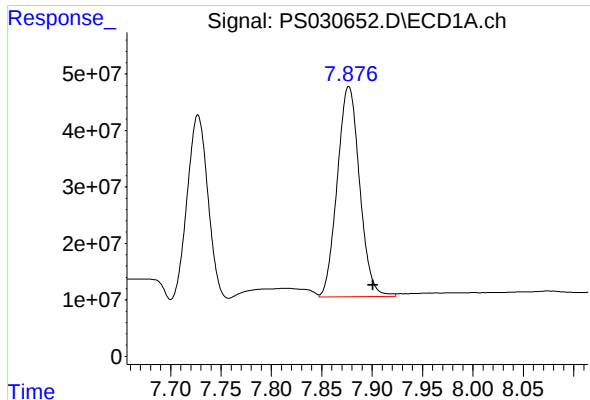
#6 MCPP

R.T.: 7.727 min
Delta R.T.: -0.022 min
Response: 477258963
Conc: 48.18 ug/ml m



#6 MCPP

R.T.: 8.069 min
Delta R.T.: -0.014 min
Response: 110559711
Conc: 47.83 ug/ml



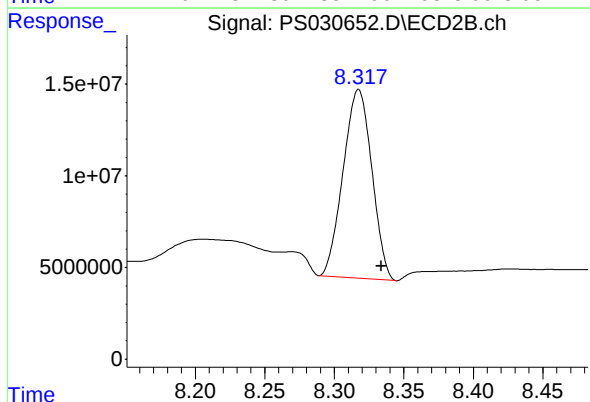
#7 MCPA

R.T.: 7.877 min
Delta R.T.: -0.024 min
Response: 574772232
Conc: 45.30 ug/ml

Instrument :
ECD_S
ClientSampleId :
PB168440BS

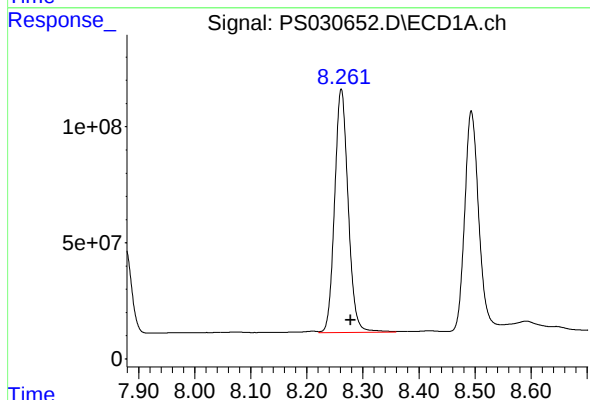
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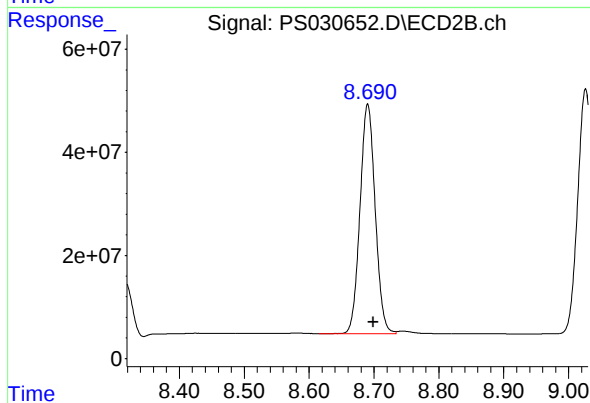
#7 MCPA

R.T.: 8.317 min
Delta R.T.: -0.017 min
Response: 147788084
Conc: 47.89 ug/ml



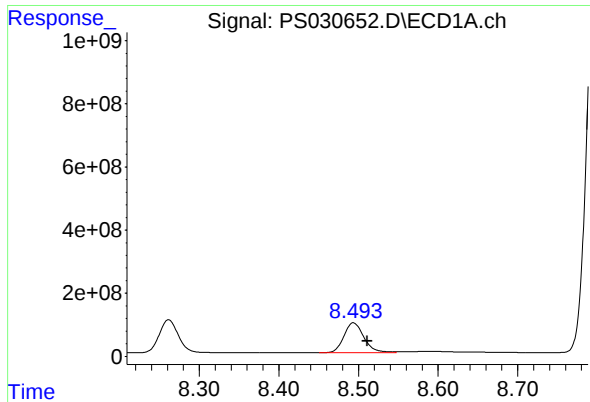
#8 DICHLORPROP

R.T.: 8.262 min
Delta R.T.: -0.017 min
Response: 1759029308
Conc: 483.50 ng/ml



#8 DICHLORPROP

R.T.: 8.690 min
Delta R.T.: -0.009 min
Response: 724940889
Conc: 488.44 ng/ml



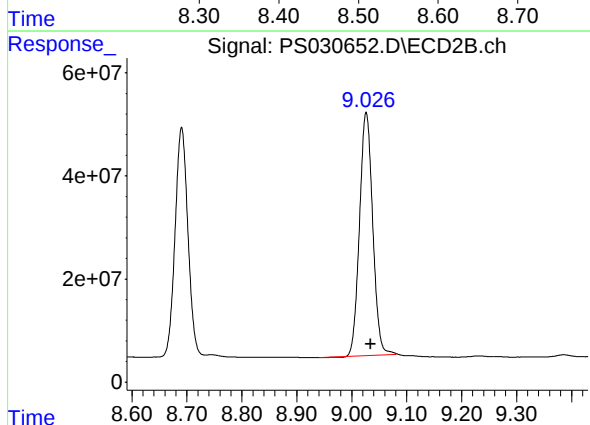
#9 2,4-D

R.T.: 8.493 min
Delta R.T.: -0.018 min
Response: 1664078679
Conc: 456.71 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168440BS

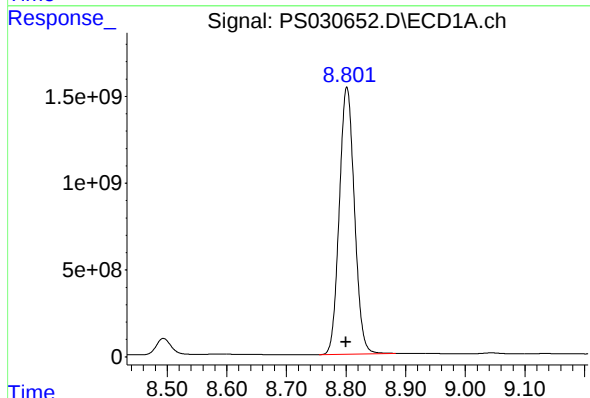
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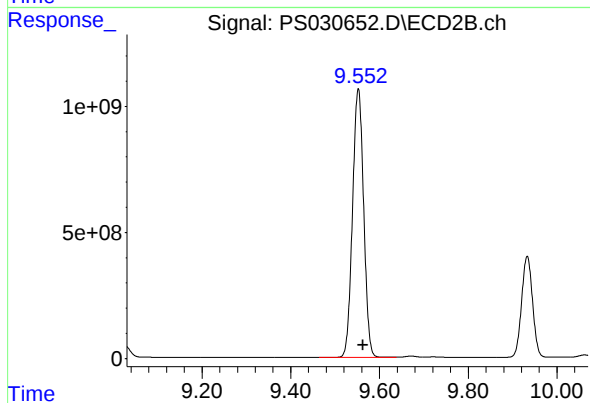
#9 2,4-D

R.T.: 9.026 min
Delta R.T.: -0.008 min
Response: 786876487
Conc: 500.46 ng/ml



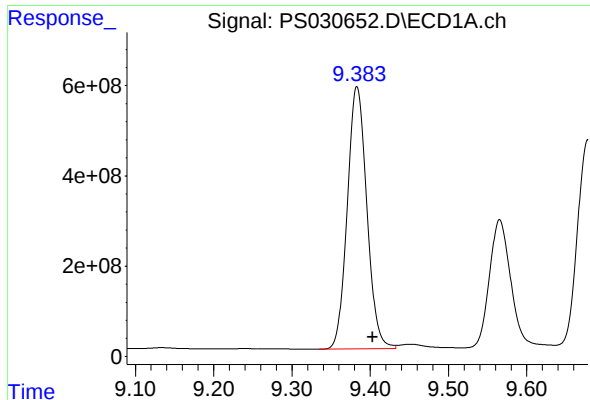
#10 Pentachlorophenol

R.T.: 8.801 min
Delta R.T.: 0.001 min
Response: 27160419815
Conc: 534.80 ng/ml m



#10 Pentachlorophenol

R.T.: 9.552 min
Delta R.T.: -0.011 min
Response: 18506090944
Conc: 512.09 ng/ml



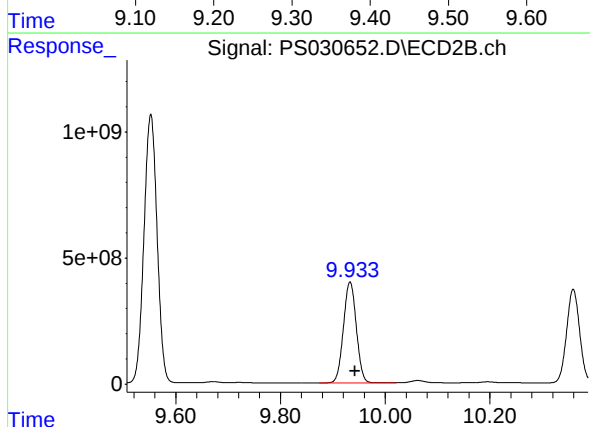
#11 2,4,5-TP (SILVEX)

R.T.: 9.383 min
Delta R.T.: -0.020 min
Response: 10064162738
Conc: 487.01 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168440BS

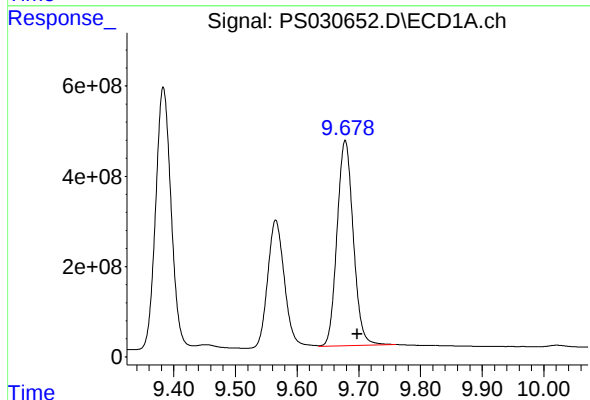
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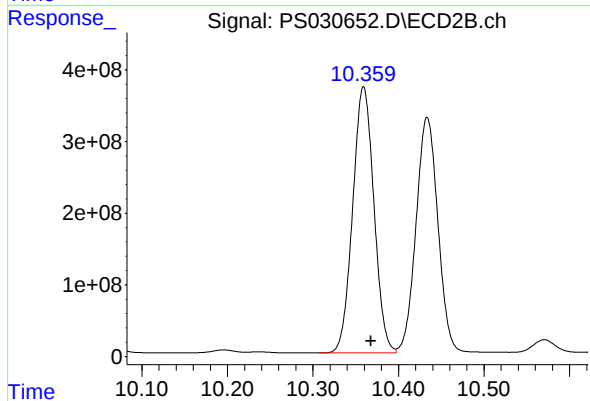
#11 2,4,5-TP (SILVEX)

R.T.: 9.933 min
Delta R.T.: -0.009 min
Response: 6826890518
Conc: 497.70 ng/ml



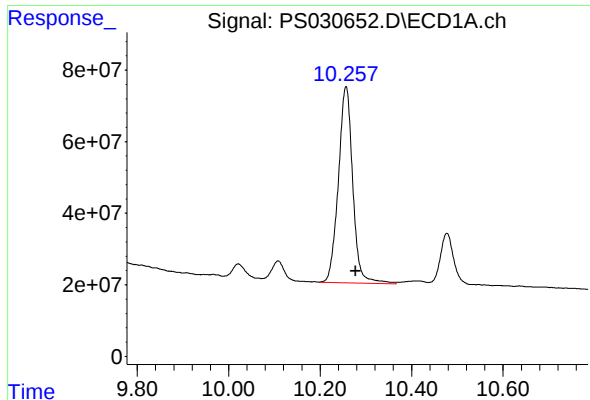
#12 2,4,5-T

R.T.: 9.678 min
Delta R.T.: -0.019 min
Response: 8314696982
Conc: 451.12 ng/ml



#12 2,4,5-T

R.T.: 10.359 min
Delta R.T.: -0.009 min
Response: 6410076064
Conc: 490.93 ng/ml



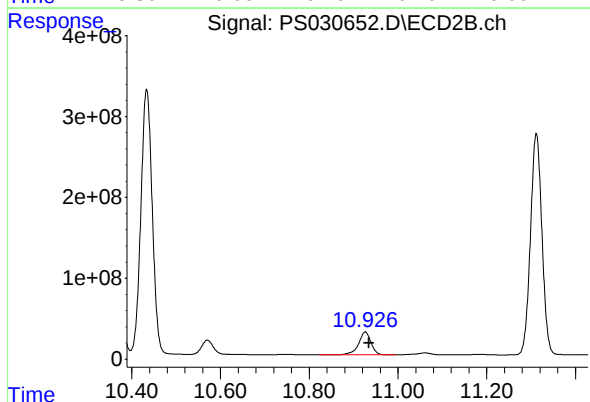
#13 2,4-DB

R.T.: 10.257 min
Delta R.T.: -0.021 min
Response: 1199121934
Conc: 394.92 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168440BS

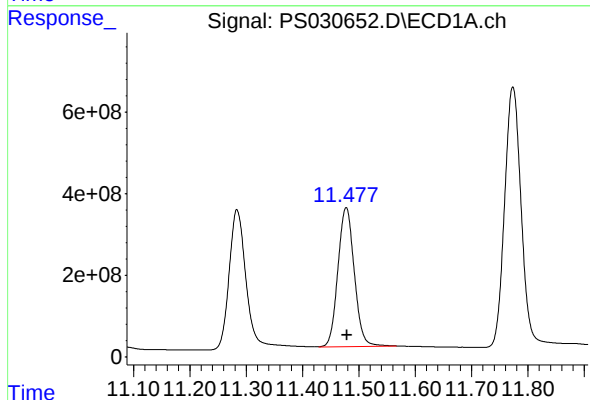
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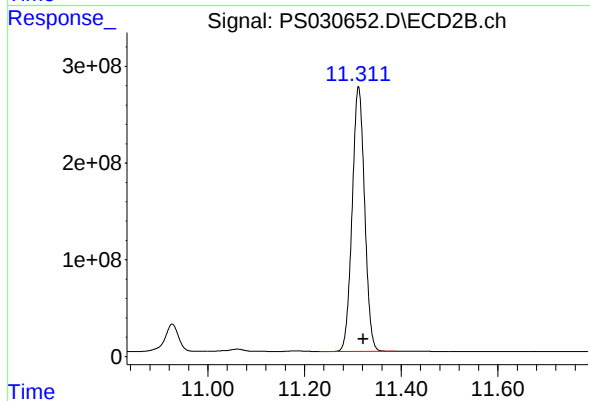
#13 2,4-DB

R.T.: 10.926 min
Delta R.T.: -0.009 min
Response: 550590686
Conc: 478.96 ng/ml



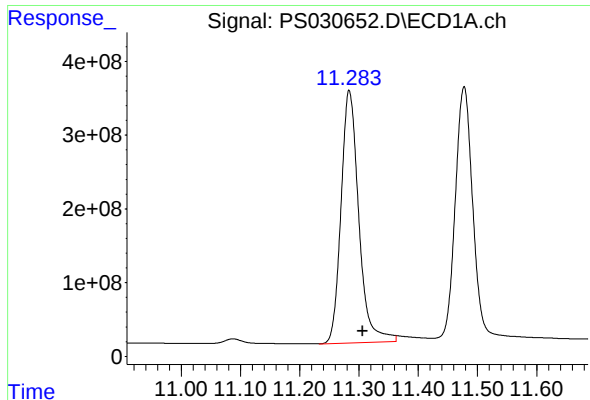
#14 DINOSEB

R.T.: 11.477 min
Delta R.T.: -0.002 min
Response: 6886702872
Conc: 479.08 ng/ml m



#14 DINOSEB

R.T.: 11.312 min
Delta R.T.: -0.010 min
Response: 4896015626
Conc: 487.16 ng/ml



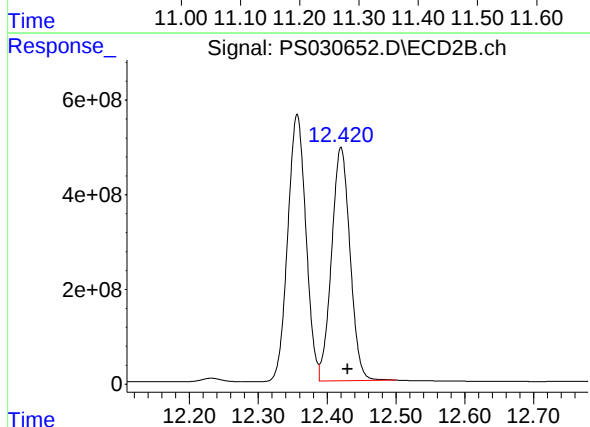
#15 Picloram

R.T.: 11.283 min
Delta R.T.: -0.024 min
Response: 7155537752
Conc: 357.69 ng/ml

Instrument :
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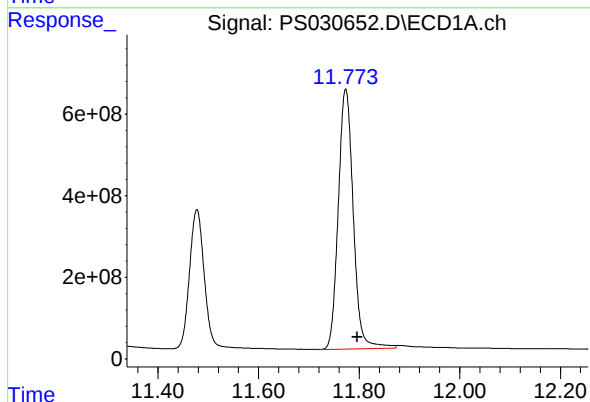
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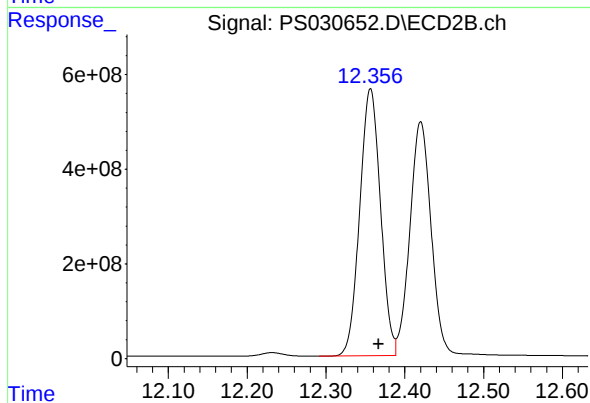
#15 Picloram

R.T.: 12.420 min
Delta R.T.: -0.010 min
Response: 9202131530
Conc: 416.69 ng/ml



#16 DCPA

R.T.: 11.773 min
Delta R.T.: -0.024 min
Response: 13177873961
Conc: 498.40 ng/ml m



#16 DCPA

R.T.: 12.357 min
Delta R.T.: -0.010 min
Response: 10316124429
Conc: 504.14 ng/ml