

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS061625\
 Data File : PS030700.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Jun 2025 18:37
 Operator : AR\AJ
 Sample : PB168495BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PB168495BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/17/2025
 Supervised By : mohammad ahmed 06/18/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 17 04:15:03 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS061625.M
 Quant Title : 8080.M
 QLast Update : Mon Jun 16 11:52:28 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	7.350	7.768	1884.8E6	539.7E6	501.159m	499.895
Target Compounds							
1) T	Dalapon	2.710	2.712	3017.1E6	1257.7E6	482.368	446.935
2) T	3,5-DICHL...	6.509	6.714	2536.2E6	715.1E6	466.474	442.062
3) T	4-Nitroph...	7.150	7.300	804.1E6	759.5E6	493.226	445.509
5) T	DICAMBA	7.541	7.971	7513.3E6	3092.8E6	480.217	466.456
6) T	MCP	7.721	8.068	439.3E6	101.1E6	46.192	45.910
7) T	MCPA	7.872	8.317	559.4E6	144.8E6	46.939	45.162
8) T	DICHLORPROP	8.255	8.690	1745.5E6	715.3E6	474.928	466.825
9) T	2,4-D	8.488	9.026	1703.5E6	801.3E6	500.962	477.962
10) T	Pentachlo...	8.796	9.551	26878.4E6	18636.6E6	519.988	491.264
11) T	2,4,5-TP ...	9.377	9.932	10139.8E6	6795.8E6	506.815	473.423
12) T	2,4,5-T	9.671	10.358	8818.2E6	6626.0E6	530.321	480.547
13) T	2,4-DB	10.250	10.925	1367.7E6	554.7E6	553.473	467.447
14) T	DINOSEB	11.470	11.311	7156.4E6	5130.7E6	505.345	468.239
15) T	Picloram	11.278	12.419	8949.6E6	11537.1E6	536.024	481.195
16) T	DCPA	11.765	12.354	13398.2E6	10526.1E6	515.807	490.142m

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

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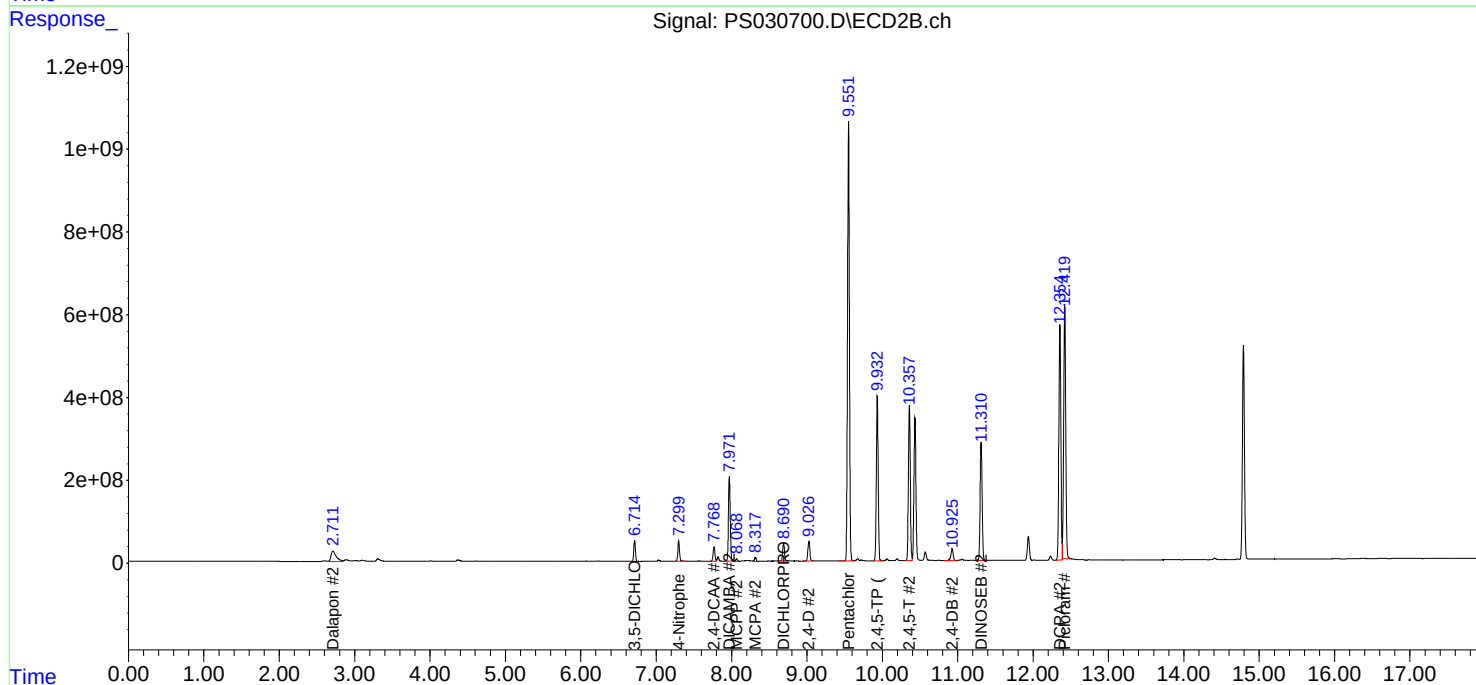
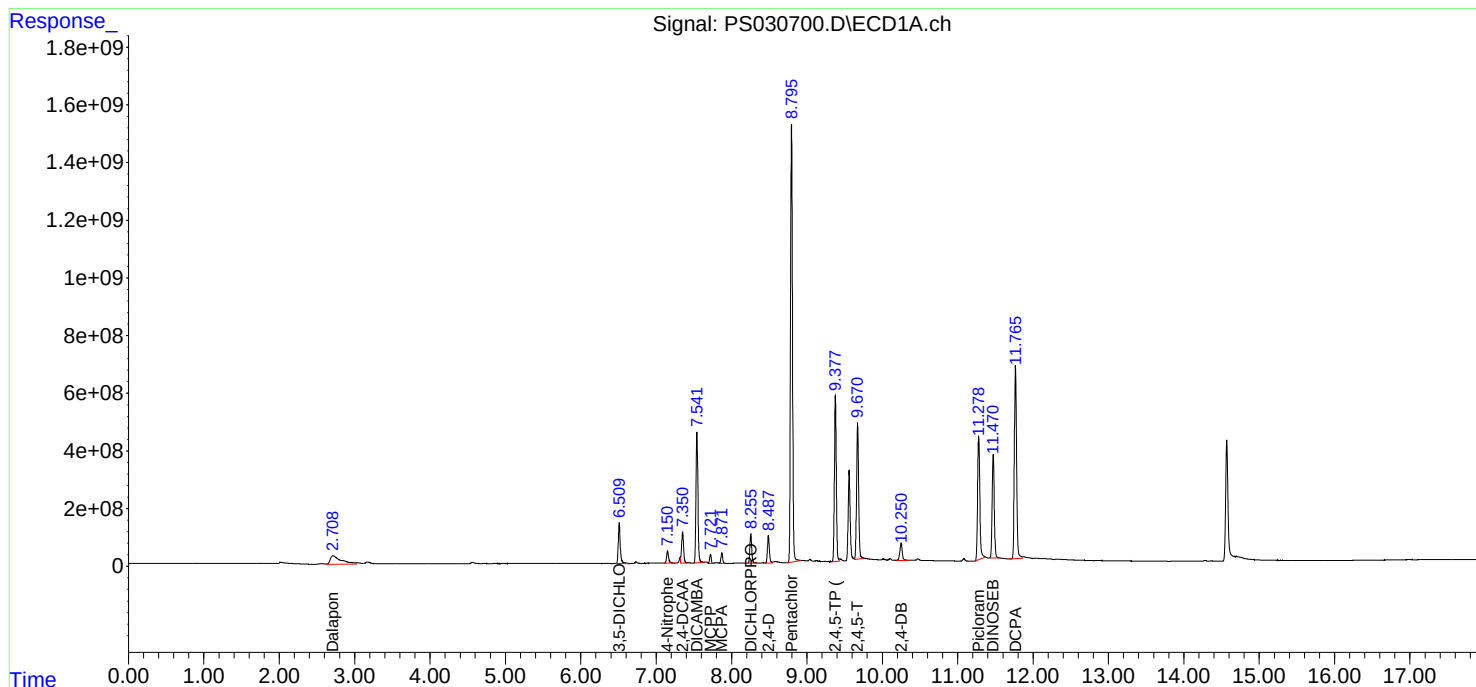
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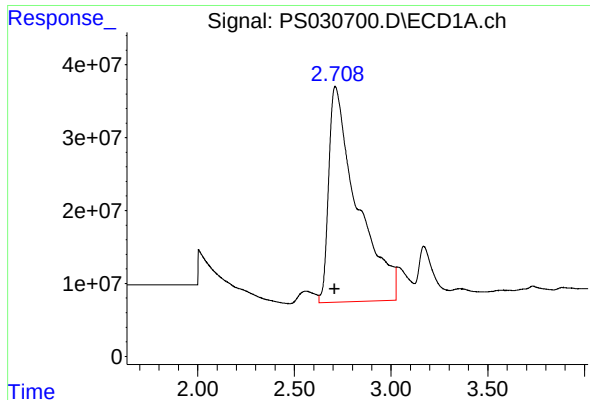
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Supervised By :mohammad ahmed 06/18/2025

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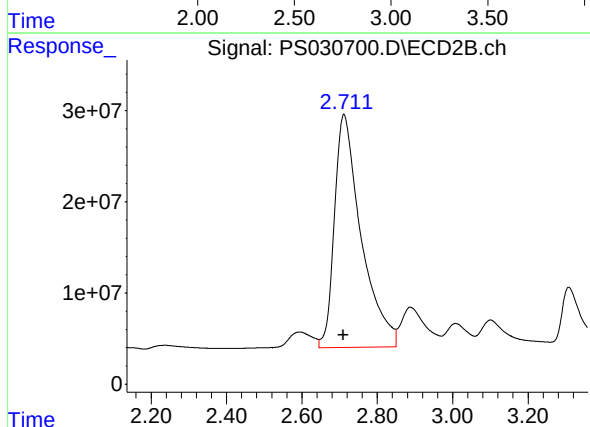
#1 Dalapon

R.T.: 2.710 min
Delta R.T.: 0.001 min
Response: 3017091515
Conc: 482.37 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168495BS

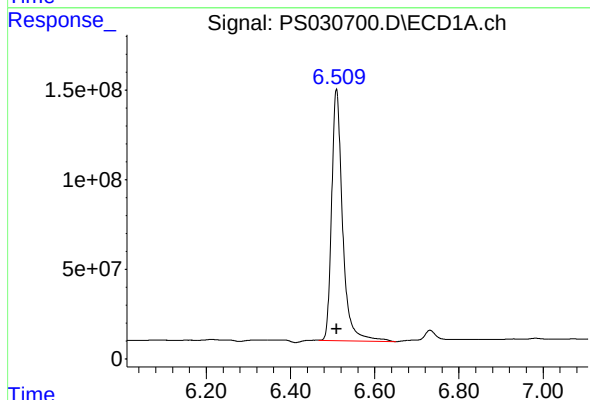
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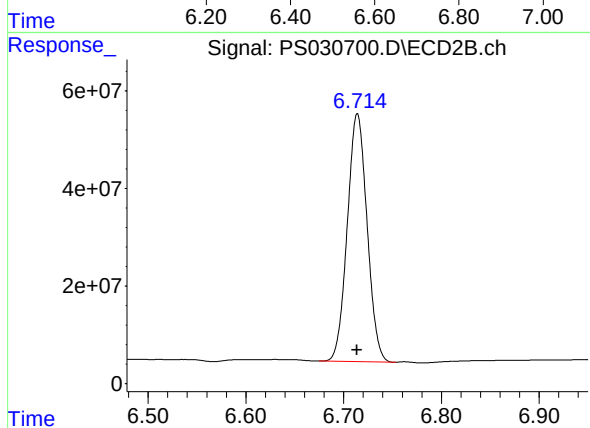
#1 Dalapon

R.T.: 2.712 min
Delta R.T.: 0.002 min
Response: 1257745892
Conc: 446.93 ng/ml



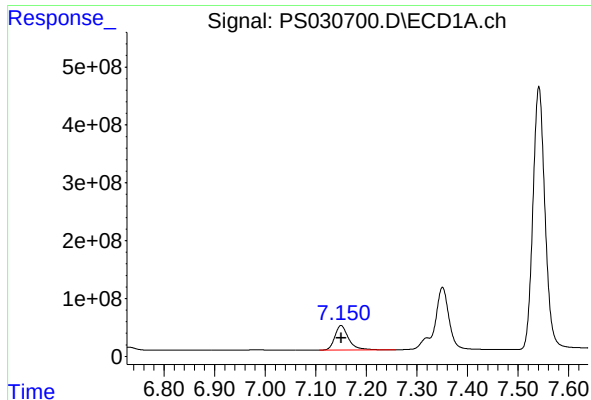
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.509 min
Delta R.T.: 0.000 min
Response: 2536244670
Conc: 466.47 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.714 min
Delta R.T.: 0.000 min
Response: 715115326
Conc: 442.06 ng/ml



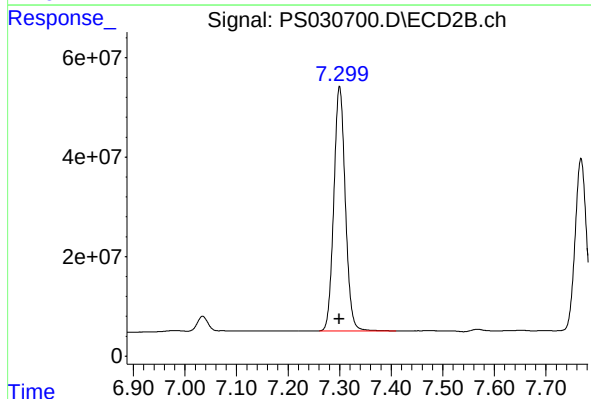
#3 4-Nitrophenol

R.T.: 7.150 min
Delta R.T.: 0.000 min
Response: 804080460
Conc: 493.23 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168495BS

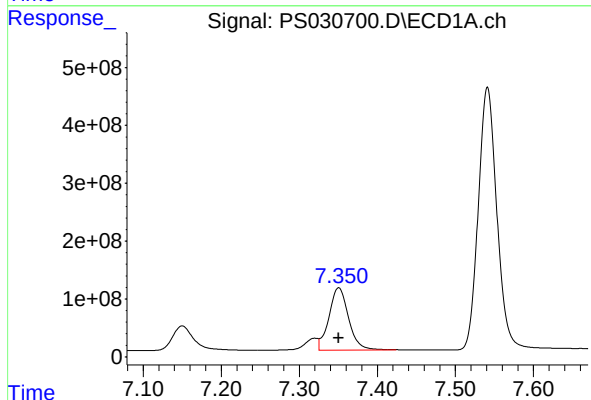
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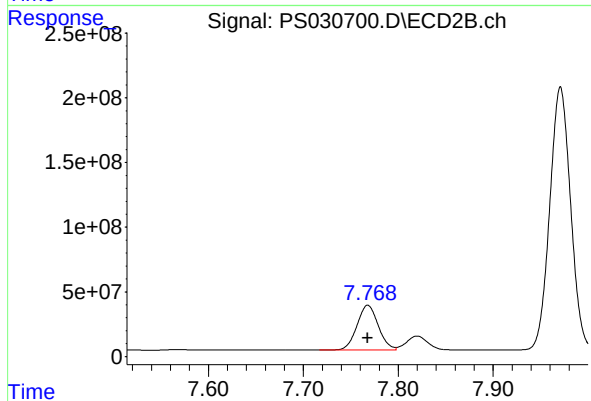
#3 4-Nitrophenol

R.T.: 7.300 min
Delta R.T.: 0.000 min
Response: 759524761
Conc: 445.51 ng/ml



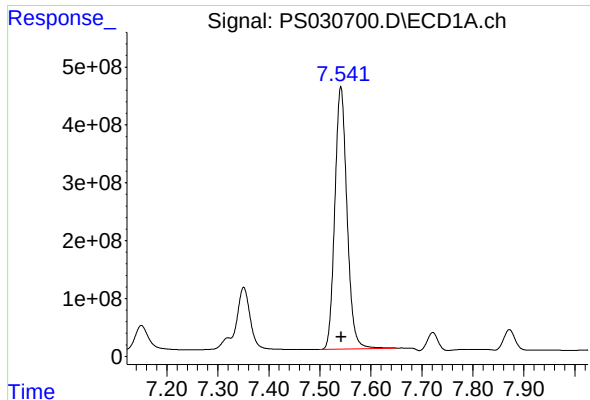
#4 2,4-DCAA

R.T.: 7.350 min
Delta R.T.: 0.000 min
Response: 1884766788
Conc: 501.16 ng/ml m



#4 2,4-DCAA

R.T.: 7.768 min
Delta R.T.: 0.000 min
Response: 539732407
Conc: 499.90 ng/ml



#5 DICAMBA

R.T.: 7.541 min
Delta R.T.: -0.001 min
Response: 7513276354
Conc: 480.22 ng/ml

Instrument :

ECD_S

ClientSampleId :

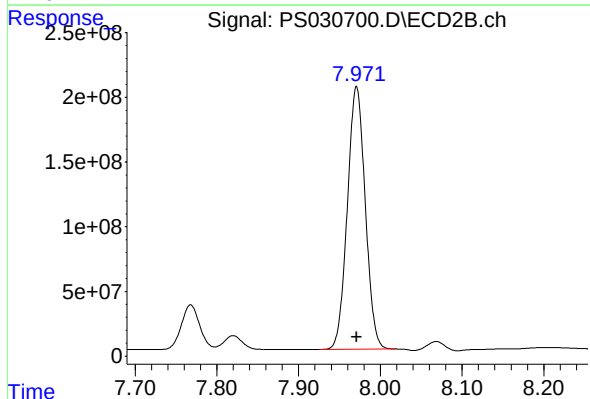
PB168495BS

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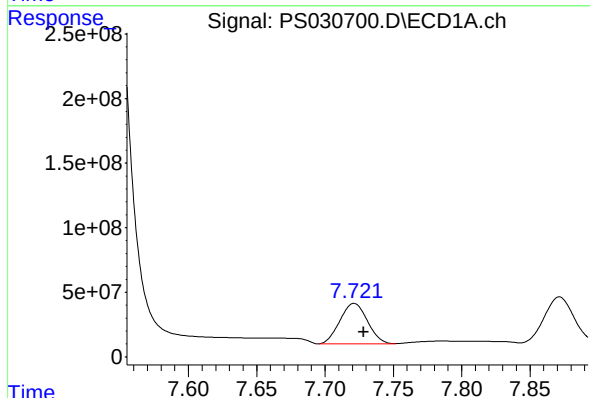
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Supervised By :mohammad ahmed 06/18/2025



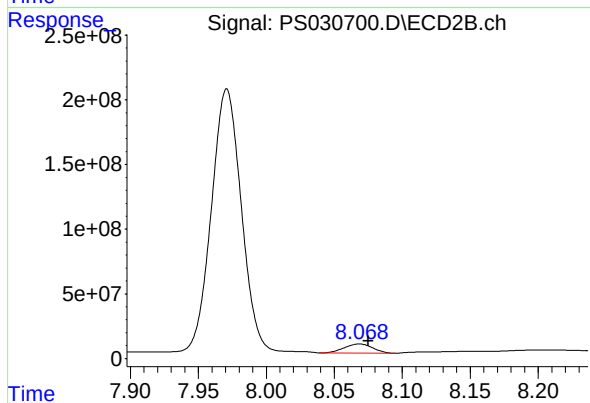
#5 DICAMBA

R.T.: 7.971 min
Delta R.T.: 0.000 min
Response: 3092841723
Conc: 466.46 ng/ml



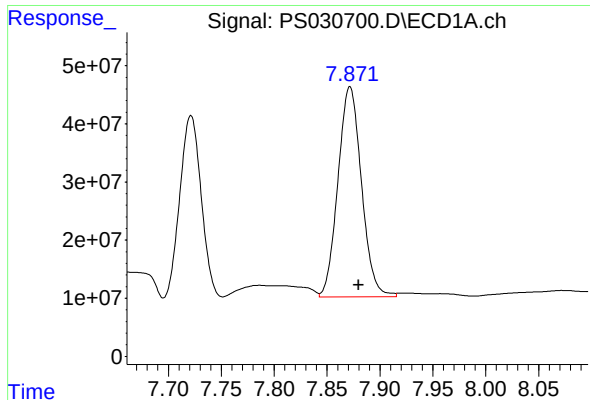
#6 MCPP

R.T.: 7.721 min
Delta R.T.: -0.007 min
Response: 439324058
Conc: 46.19 ug/ml



#6 MCPP

R.T.: 8.068 min
Delta R.T.: -0.007 min
Response: 101065900
Conc: 45.91 ug/ml



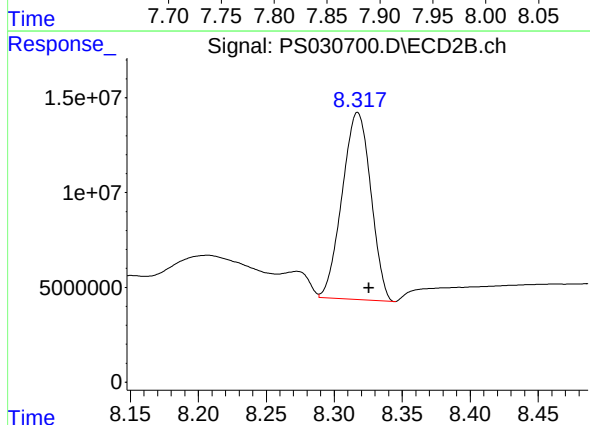
#7 MCPA

R.T.: 7.872 min
Delta R.T.: -0.008 min
Response: 559381074
Conc: 46.94 ug/ml

Instrument :
ECD_S
ClientSampleId :
PB168495BS

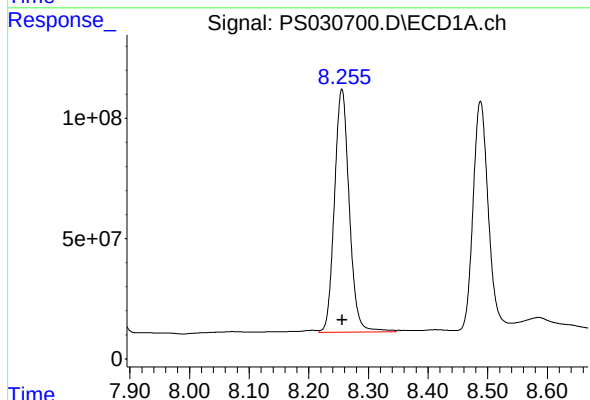
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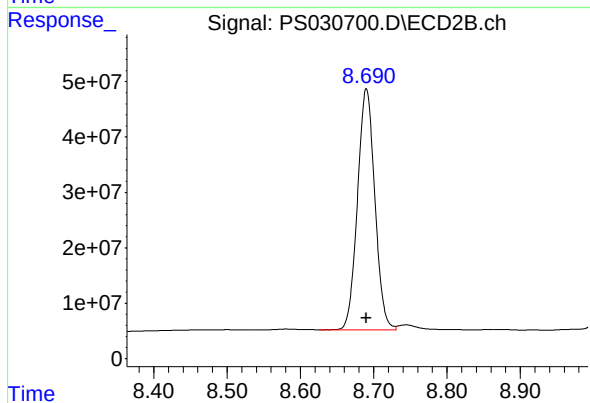
#7 MCPA

R.T.: 8.317 min
Delta R.T.: -0.008 min
Response: 144793836
Conc: 45.16 ug/ml



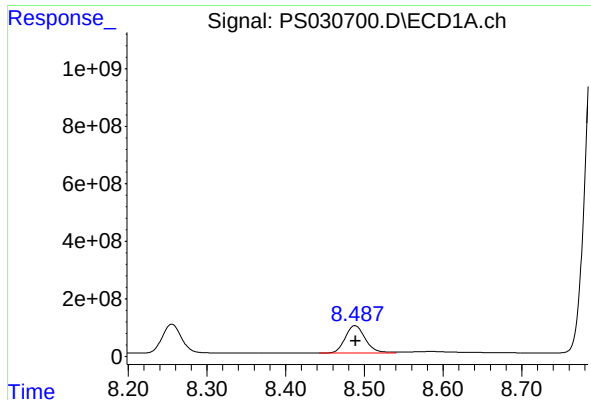
#8 DICHLORPROP

R.T.: 8.255 min
Delta R.T.: 0.000 min
Response: 1745489426
Conc: 474.93 ng/ml



#8 DICHLORPROP

R.T.: 8.690 min
Delta R.T.: 0.000 min
Response: 715347309
Conc: 466.83 ng/ml



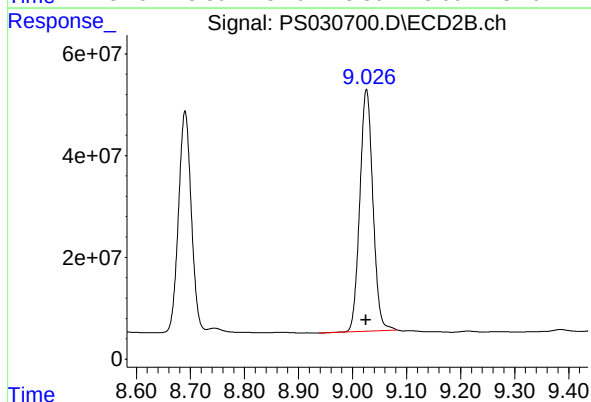
#9 2,4-D

R.T.: 8.488 min
Delta R.T.: 0.000 min
Response: 1703450732
Conc: 500.96 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168495BS

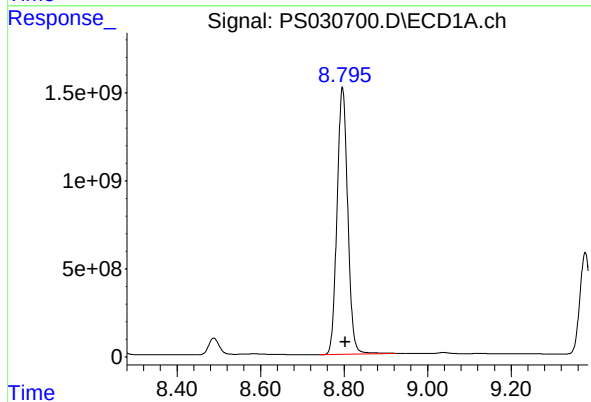
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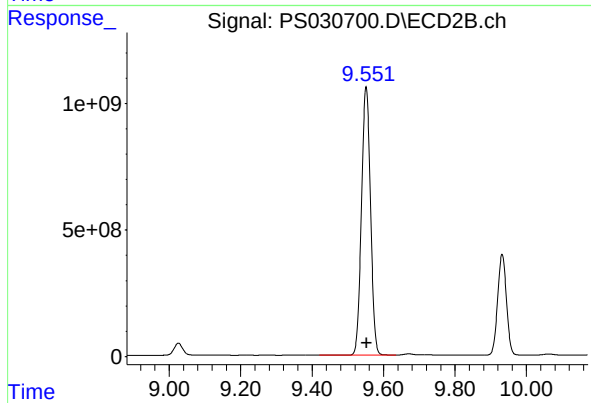
#9 2,4-D

R.T.: 9.026 min
Delta R.T.: 0.000 min
Response: 801277538
Conc: 477.96 ng/ml



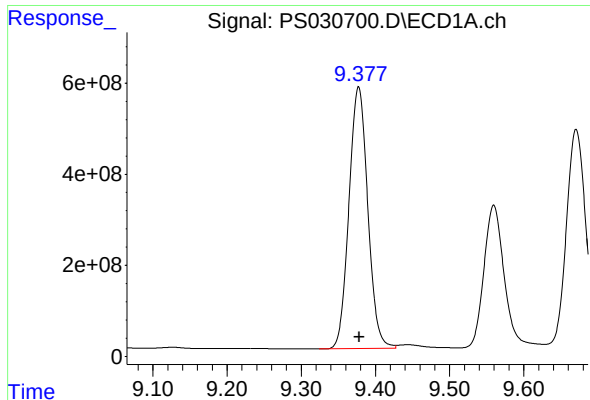
#10 Pentachlorophenol

R.T.: 8.796 min
Delta R.T.: -0.007 min
Response: 26878374652
Conc: 519.99 ng/ml



#10 Pentachlorophenol

R.T.: 9.551 min
Delta R.T.: -0.002 min
Response: 18636578519
Conc: 491.26 ng/ml



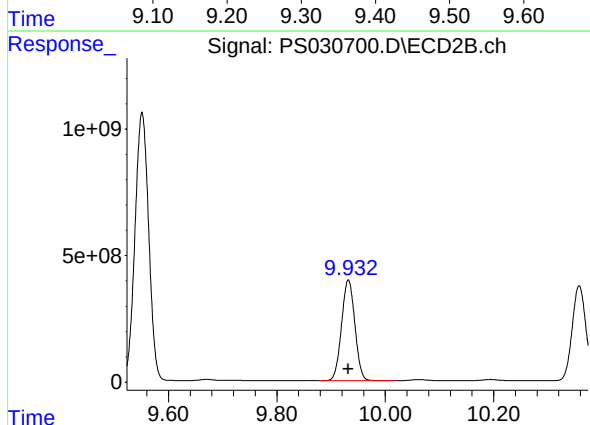
#11 2,4,5-TP (SILVEX)

R.T.: 9.377 min
Delta R.T.: 0.000 min
Response: 10139756044
Conc: 506.81 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168495BS

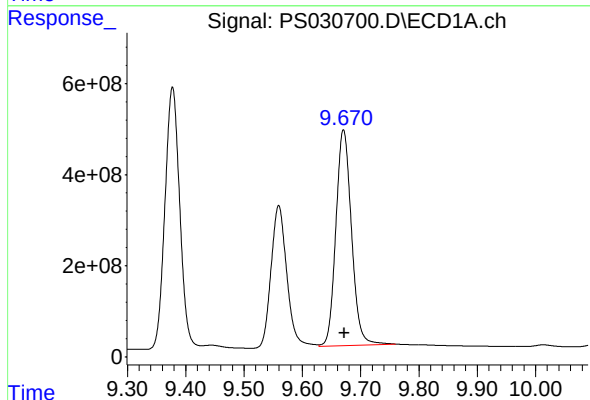
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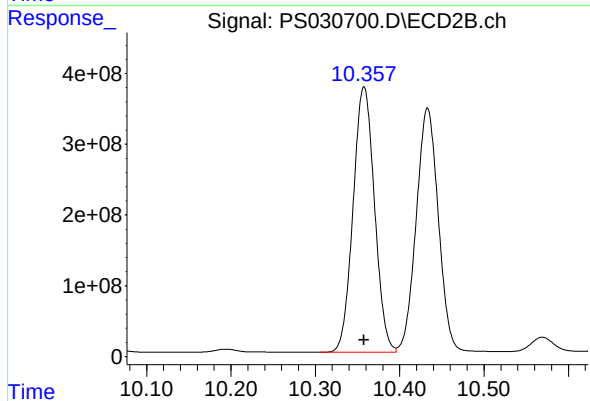
#11 2,4,5-TP (SILVEX)

R.T.: 9.932 min
Delta R.T.: 0.000 min
Response: 6795803500
Conc: 473.42 ng/ml



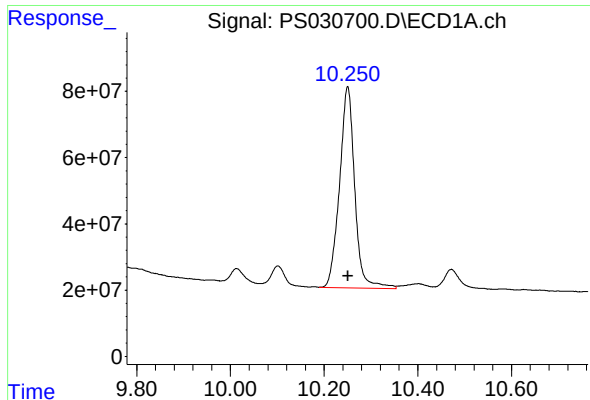
#12 2,4,5-T

R.T.: 9.671 min
Delta R.T.: -0.002 min
Response: 8818192934
Conc: 530.32 ng/ml



#12 2,4,5-T

R.T.: 10.358 min
Delta R.T.: 0.000 min
Response: 6626043773
Conc: 480.55 ng/ml



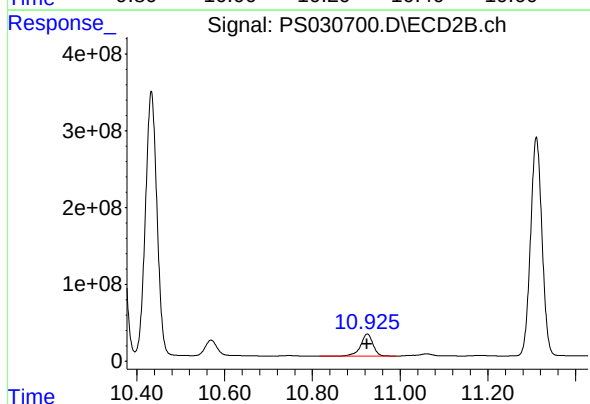
#13 2,4-DB

R.T.: 10.250 min
Delta R.T.: 0.000 min
Response: 1367717412
Conc: 553.47 ng/ml

Instrument :
ECD_S
ClientSampleId :
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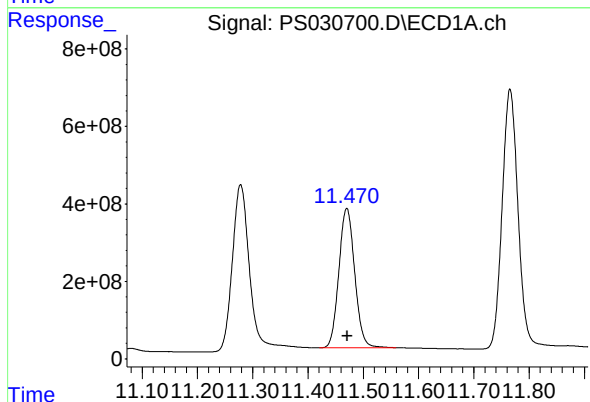
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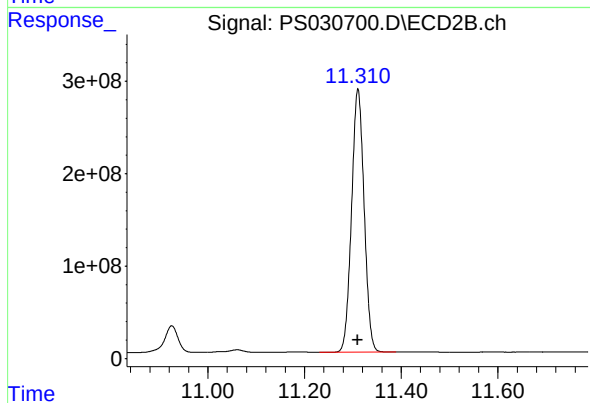
#13 2,4-DB

R.T.: 10.925 min
Delta R.T.: 0.000 min
Response: 554651914
Conc: 467.45 ng/ml



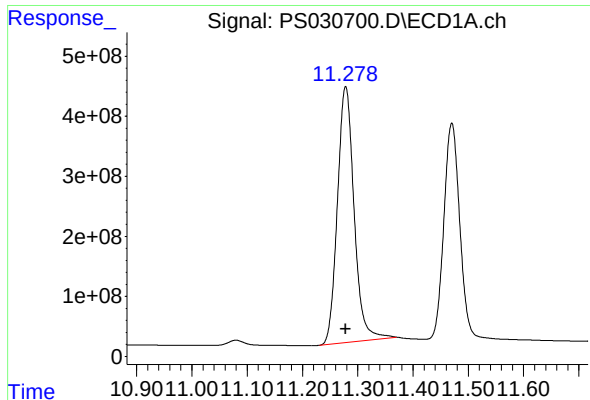
#14 DINOSEB

R.T.: 11.470 min
Delta R.T.: 0.000 min
Response: 7156376965
Conc: 505.34 ng/ml



#14 DINOSEB

R.T.: 11.311 min
Delta R.T.: 0.000 min
Response: 5130674335
Conc: 468.24 ng/ml



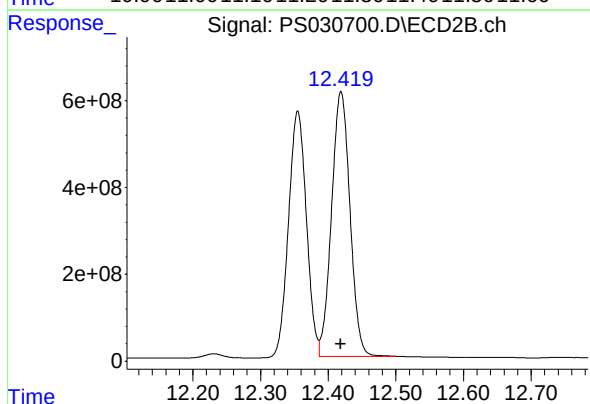
#15 Picloram

R.T.: 11.278 min
Delta R.T.: 0.000 min
Response: 8949557938
Conc: 536.02 ng/ml

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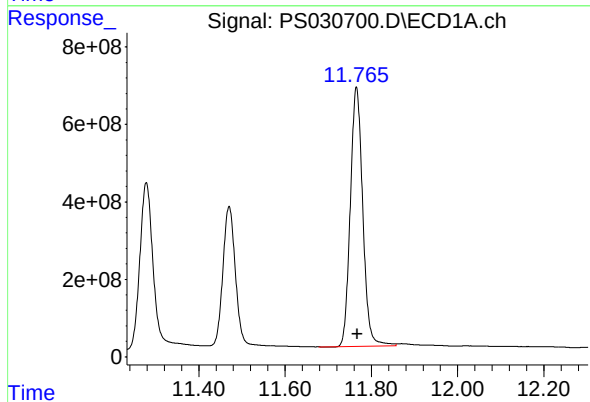
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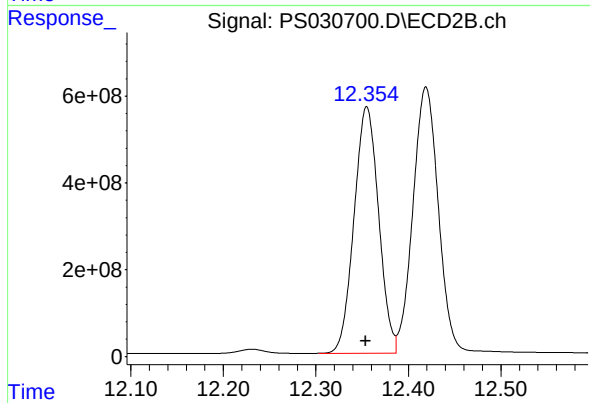
#15 Picloram

R.T.: 12.419 min
Delta R.T.: 0.000 min
Response: 11537062149
Conc: 481.20 ng/ml



#16 DCPA

R.T.: 11.765 min
Delta R.T.: -0.001 min
Response: 13398169014
Conc: 515.81 ng/ml



#16 DCPA

R.T.: 12.354 min
Delta R.T.: 0.000 min
Response: 10526075733
Conc: 490.14 ng/ml m