

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS040925\
 Data File : PS029760.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Apr 2025 18:58
 Operator : AR\AJ
 Sample : Q1740-01MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 TP-20MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/10/2025
 Supervised By :mohammad ahmed 04/11/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 10 06:34:36 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	6.944	7.466	1274.4E6	357.7E6	625.053m	524.859
Target Compounds							
1) T	Dalapon	2.458	2.530	1343.9E6	724.1E6	396.138	456.115
2) T	3,5-DICHL...	6.151	6.462	1488.4E6	423.9E6	494.852	439.037
5) T	DICAMBA	7.121	7.653	3667.1E6	1600.7E6	440.658m	433.389
6) T	MCPD	7.299	7.758	220.3E6	57772615	40.651	34.216
7) T	MCPA	7.440	7.988	324.1E6	90025896	44.581m	39.567
8) T	DICHLORPROP	7.801	8.345	1026.9E6	491.0E6	466.876	508.204
9) T	2,4-D	8.021	8.658	1310.2E6	515.6E6	543.758m	478.105
10) T	Pentachlo...	8.300	9.160	10307.8E6	6218.6E6	339.015	346.868
11) T	2,4,5-TP ...	8.864	9.537	5227.3E6	3473.1E6	450.036	481.508
12) T	2,4,5-T	9.146	9.941	5294.1E6	3106.0E6	460.179	463.393
13) T	2,4-DB	9.704	10.498	1071.8E6	279.7E6	589.965m	376.931m#
15) T	Picloram	10.684	11.906	5941.4E6	3316.7E6	383.305m	280.495m#
16) T	DCPA	11.167	11.896	5998.3E6	4959.9E6	429.487	560.400m#

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

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Operator : AR\AJ
Sample : Q1740-01MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

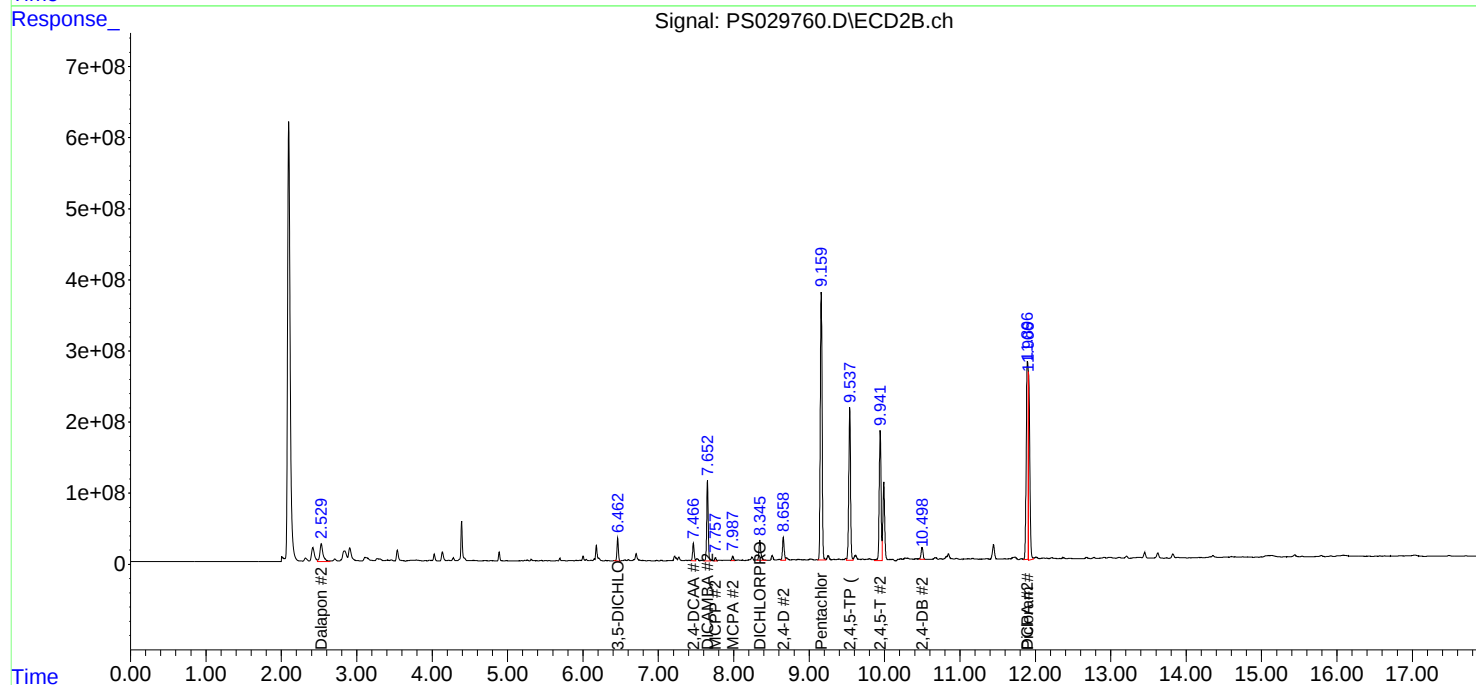
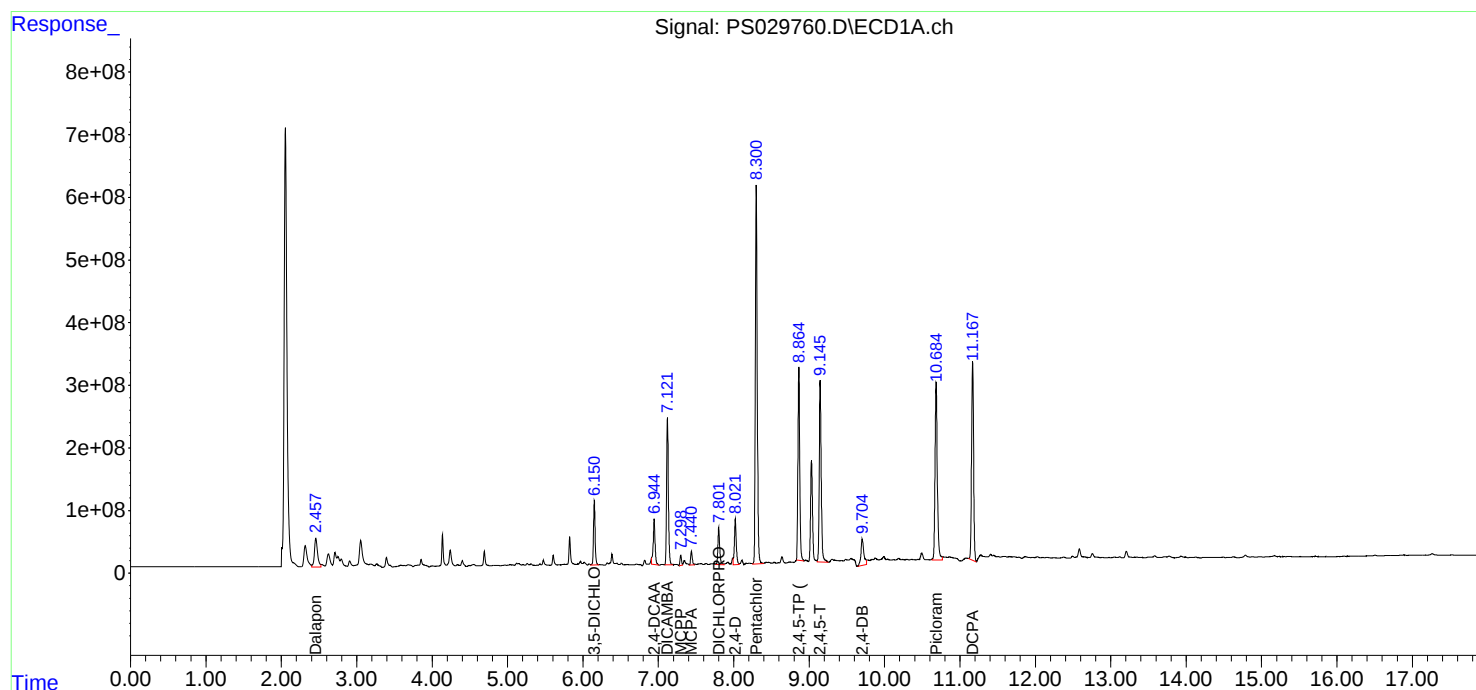
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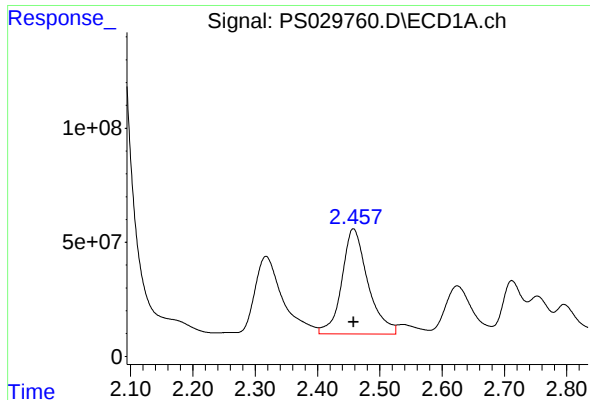
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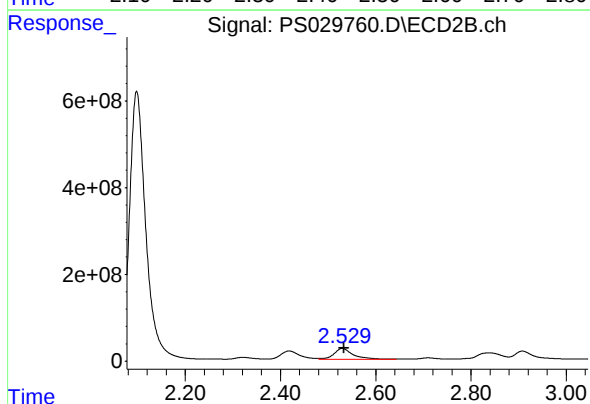
#1 Dalapon

R.T.: 2.458 min
Delta R.T.: 0.000 min
Response: 1343857636
Conc: 396.14 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-20MS

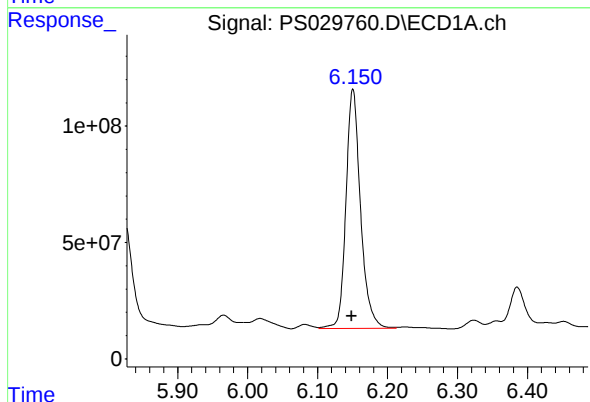
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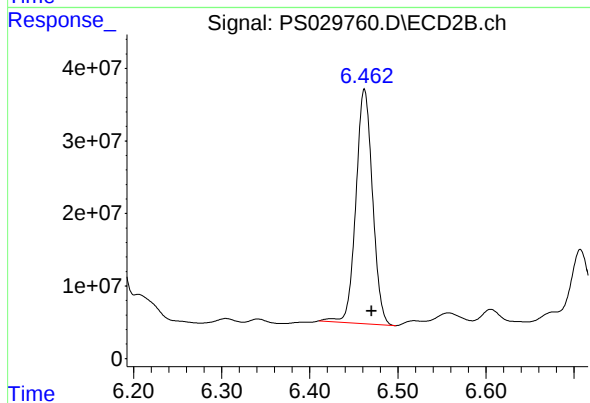
#1 Dalapon

R.T.: 2.530 min
Delta R.T.: -0.003 min
Response: 724126183
Conc: 456.11 ng/ml



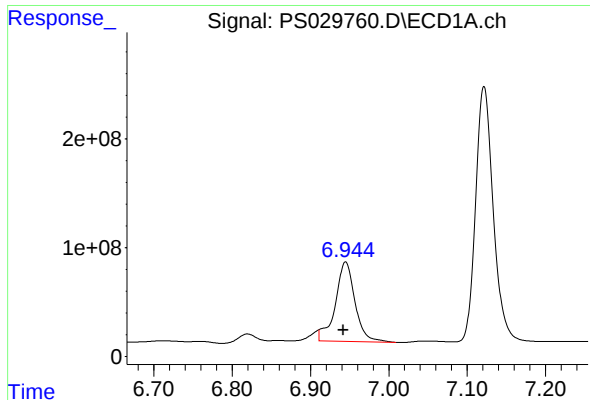
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.151 min
Delta R.T.: 0.002 min
Response: 1488397059
Conc: 494.85 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.462 min
Delta R.T.: -0.008 min
Response: 423915386
Conc: 439.04 ng/ml



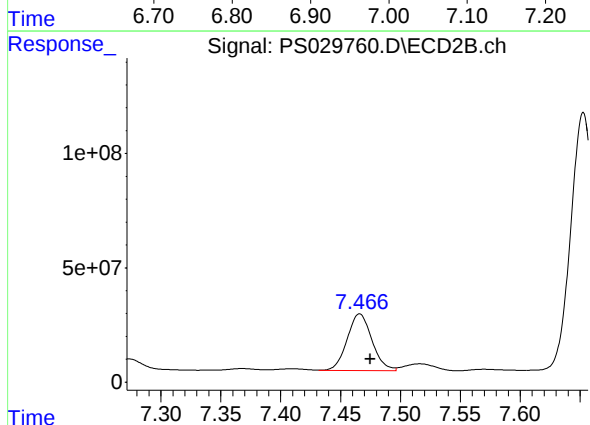
#4 2,4-DCAA

R.T.: 6.944 min
Delta R.T.: 0.002 min
Response: 1274377853
Conc: 625.05 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-20MS

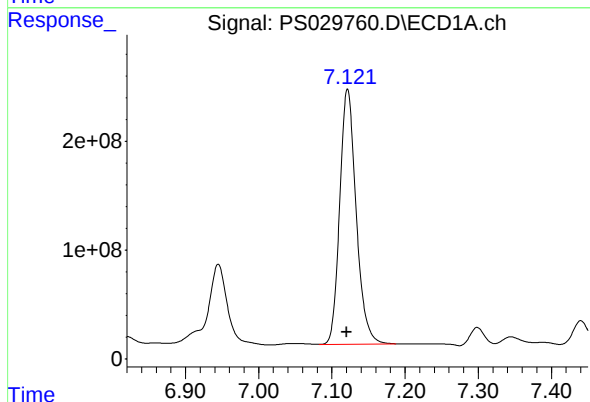
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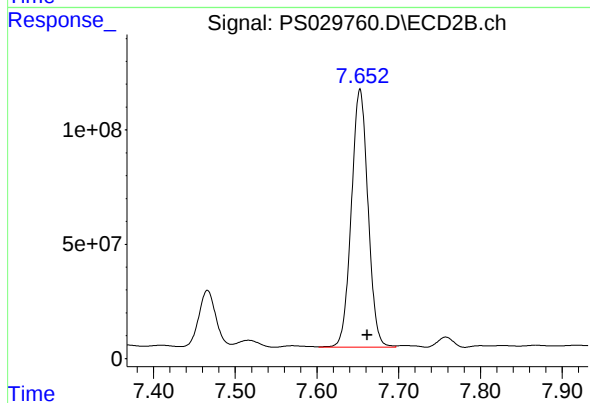
#4 2,4-DCAA

R.T.: 7.466 min
Delta R.T.: -0.009 min
Response: 357698311
Conc: 524.86 ng/ml



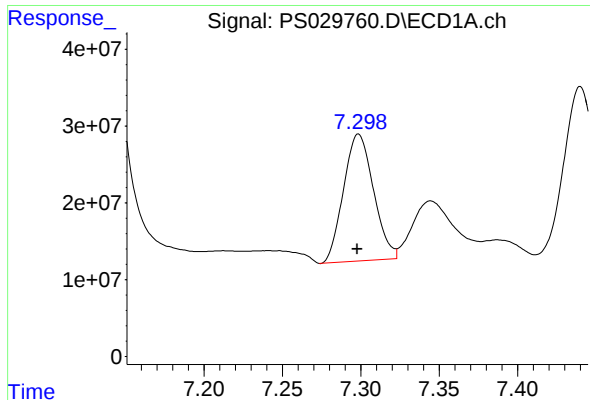
#5 DICAMBA

R.T.: 7.121 min
Delta R.T.: 0.001 min
Response: 3667128284
Conc: 440.66 ng/ml m



#5 DICAMBA

R.T.: 7.653 min
Delta R.T.: -0.009 min
Response: 1600666710
Conc: 433.39 ng/ml



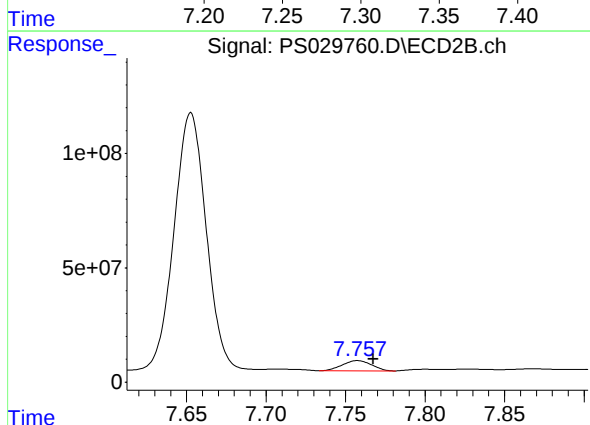
#6 MCPP

R.T.: 7.299 min
Delta R.T.: 0.000 min
Response: 220322747
Conc: 40.65 ug/ml

Instrument :
ECD_S
ClientSampleId :
TP-20MS

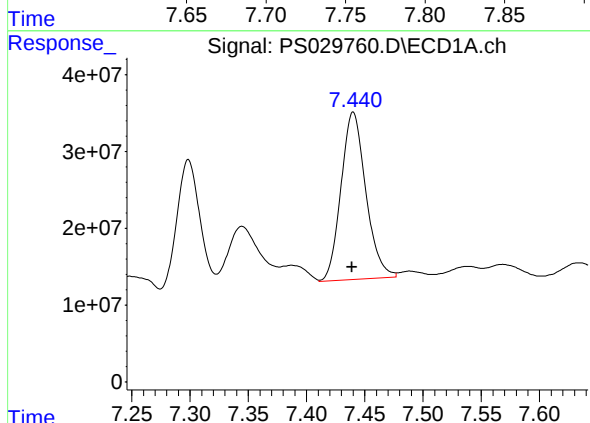
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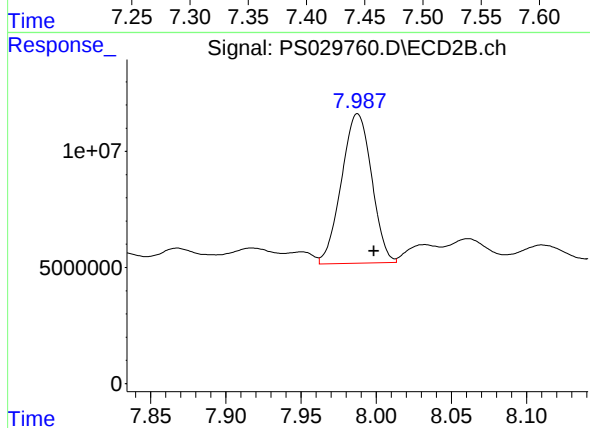
#6 MCPP

R.T.: 7.758 min
Delta R.T.: -0.010 min
Response: 57772615
Conc: 34.22 ug/ml



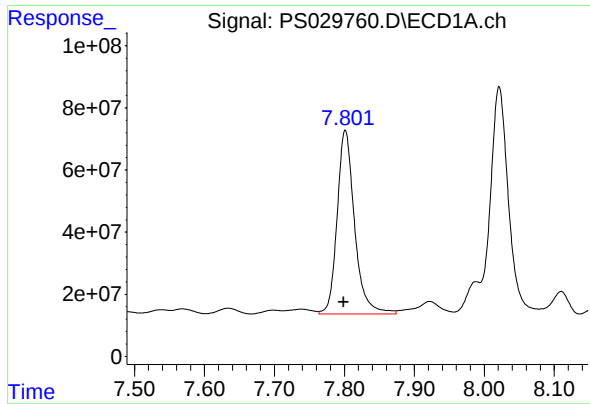
#7 MCPA

R.T.: 7.440 min
Delta R.T.: 0.000 min
Response: 324059898
Conc: 44.58 ug/ml m



#7 MCPA

R.T.: 7.988 min
Delta R.T.: -0.011 min
Response: 90025896
Conc: 39.57 ug/ml



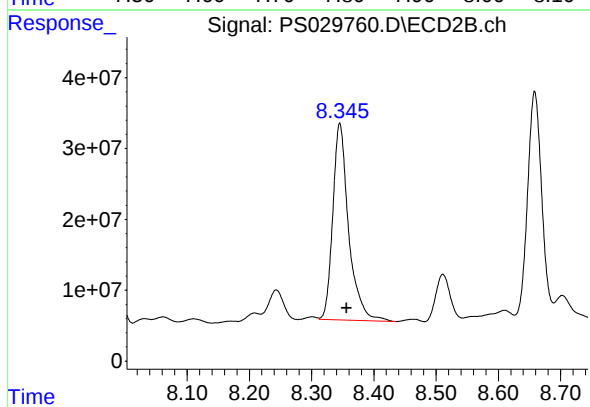
#8 DICHLORPROP

R.T.: 7.801 min
Delta R.T.: 0.002 min
Response: 1026864545
Conc: 466.88 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-20MS

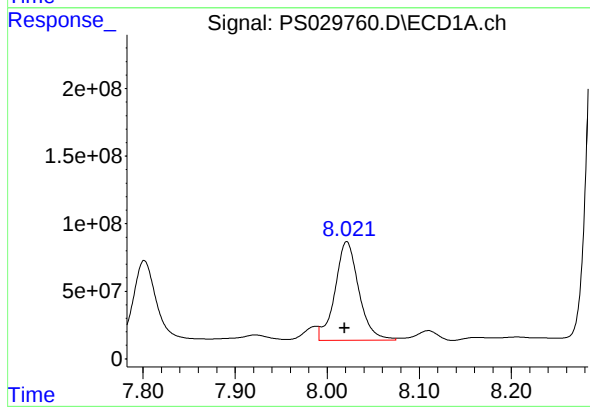
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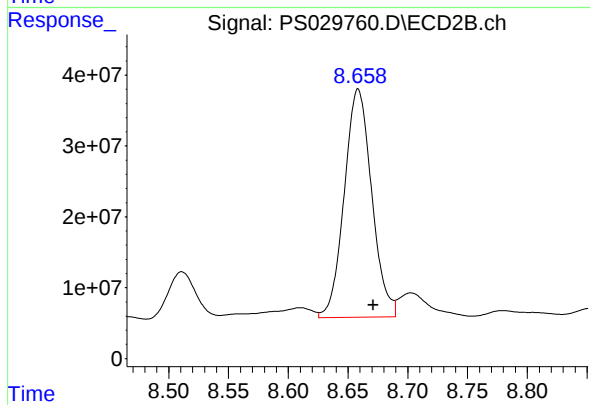
#8 DICHLORPROP

R.T.: 8.345 min
Delta R.T.: -0.011 min
Response: 491002116
Conc: 508.20 ng/ml



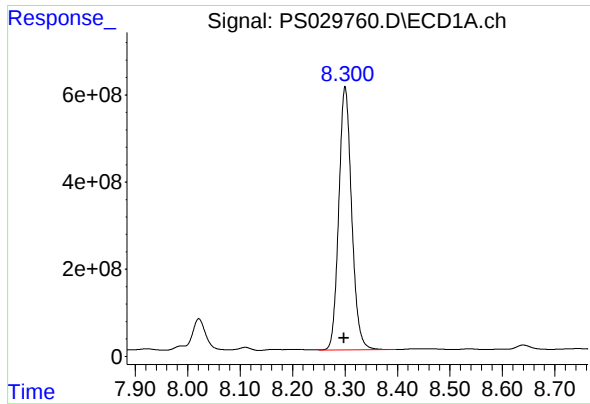
#9 2,4-D

R.T.: 8.021 min
Delta R.T.: 0.002 min
Response: 1310234992
Conc: 543.76 ng/ml m



#9 2,4-D

R.T.: 8.658 min
Delta R.T.: -0.013 min
Response: 515619518
Conc: 478.11 ng/ml



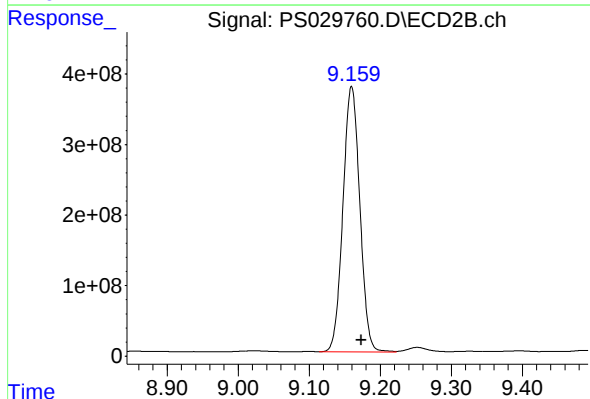
#10 Pentachlorophenol

R.T.: 8.300 min
Delta R.T.: 0.002 min
Response: 10307750032
Conc: 339.01 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-20MS

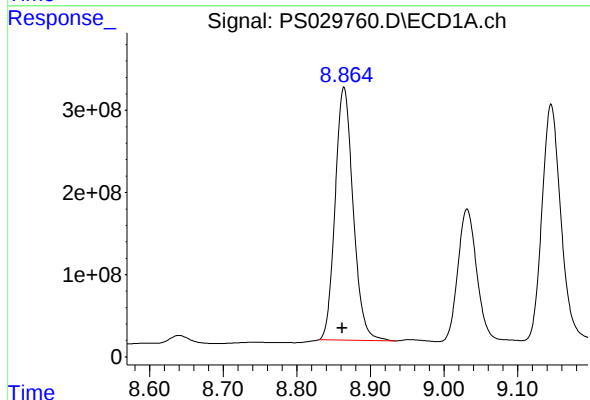
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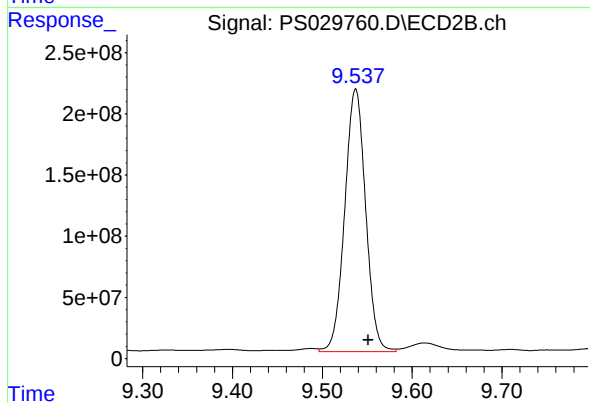
#10 Pentachlorophenol

R.T.: 9.160 min
Delta R.T.: -0.014 min
Response: 6218555890
Conc: 346.87 ng/ml



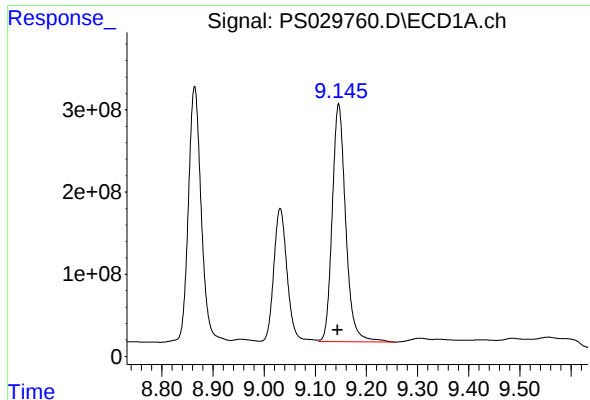
#11 2,4,5-TP (SILVEX)

R.T.: 8.864 min
Delta R.T.: 0.002 min
Response: 5227330551
Conc: 450.04 ng/ml



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

R.T.: 9.537 min
Delta R.T.: -0.014 min
Response: 3473096176
Conc: 481.51 ng/ml



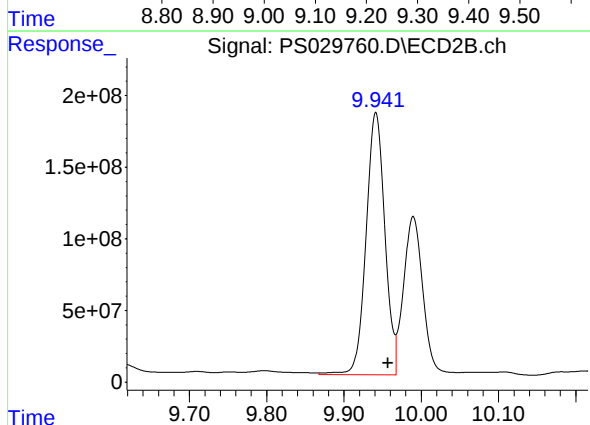
#12 2,4,5-T

R.T.: 9.146 min
Delta R.T.: 0.002 min
Response: 5294100946
Conc: 460.18 ng/ml

Instrument :
ECD_S
ClientSampleId :
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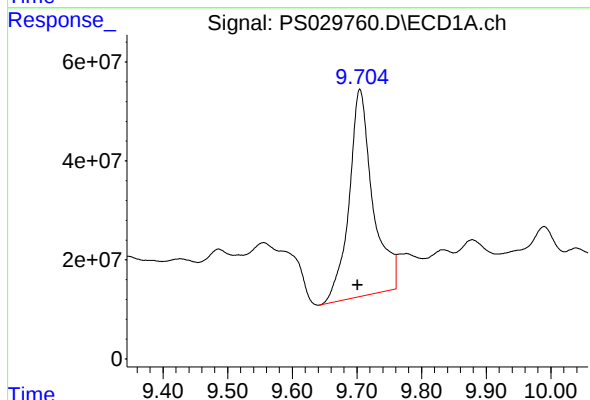
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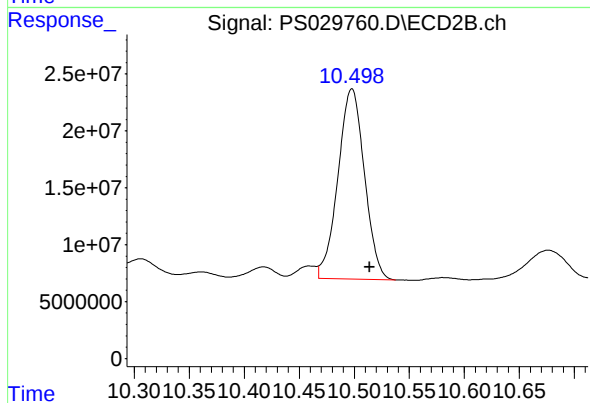
#12 2,4,5-T

R.T.: 9.941 min
Delta R.T.: -0.016 min
Response: 3106048931
Conc: 463.39 ng/ml



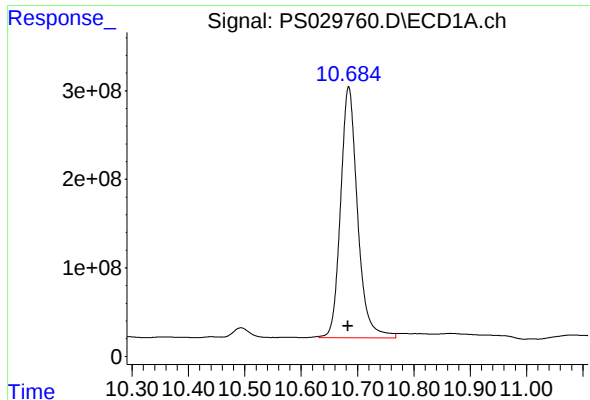
#13 2,4-DB

R.T.: 9.704 min
Delta R.T.: 0.003 min
Response: 1071815821
Conc: 589.97 ng/ml m



#13 2,4-DB

R.T.: 10.498 min
Delta R.T.: -0.016 min
Response: 279673682
Conc: 376.93 ng/ml m



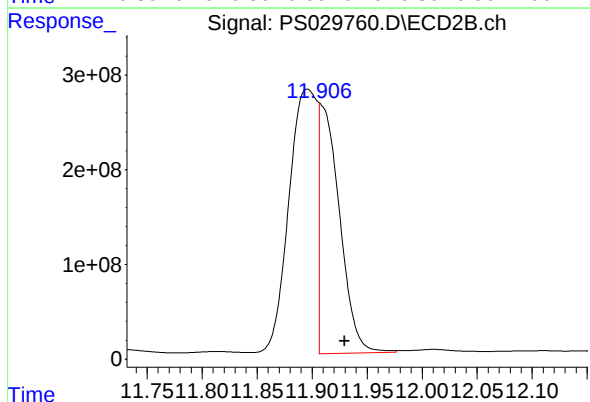
#15 Picloram

R.T.: 10.684 min
Delta R.T.: 0.001 min
Response: 5941378254
Conc: 383.30 ng/ml

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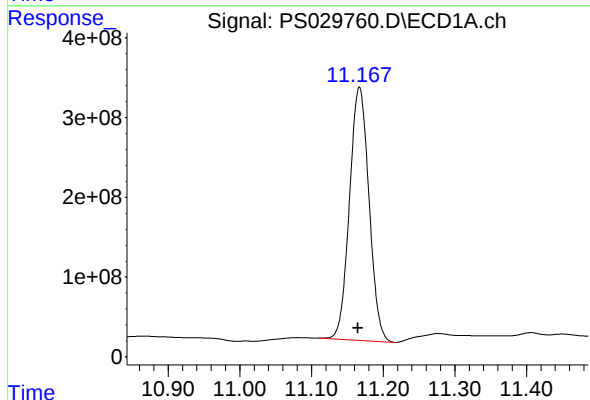
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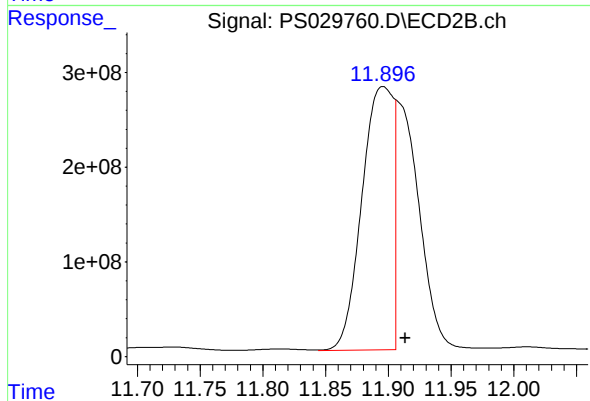
#15 Picloram

R.T.: 11.906 min
Delta R.T.: -0.023 min
Response: 3316688538
Conc: 280.49 ng/ml m



#16 DCPA

R.T.: 11.167 min
Delta R.T.: 0.002 min
Response: 5998262819
Conc: 429.49 ng/ml



#16 DCPA

R.T.: 11.896 min
Delta R.T.: -0.018 min
Response: 4959916211
Conc: 560.40 ng/ml m