

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060425\
 Data File : PS030501.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Jun 2025 22:04
 Operator : AR\AJ
 Sample : Q2160-05MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 TP05-MHH-WCMSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/05/2025
 Supervised By : mohammad ahmed 06/06/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 05 01:40:42 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	7.364	7.772	1870.9E6	537.0E6	495.570	499.206
Target Compounds							
1) T	Dalapon	2.714	2.708	789.7E6	2181.2E6	139.850m	796.048 #
2) T	3,5-DICHL...	6.521	6.715	2592.3E6	750.7E6	477.727	479.937m
5) T	DICAMBA	7.556	7.976	6785.5E6	2887.1E6	439.974	448.192
6) T	MCPD	7.737	8.074	366.7E6	84188413	37.019	36.420
7) T	MCPA	7.888	8.322	522.2E6	133.8E6	41.152	43.367m
8) T	DICHLORPROP	8.272	8.696	1709.9E6	703.0E6	470.005	473.627
9) T	2,4-D	8.504	9.032	2109.0E6	723.8E6	578.809	460.361
10) T	Pentachlo...	8.814	9.558	15725.0E6	10388.5E6	309.631	287.468
11) T	2,4,5-TP ...	9.397	9.939	9824.0E6	6716.2E6	475.390	489.635
12) T	2,4,5-T	9.692	10.364	8767.2E6	6068.0E6	475.673	464.725
13) T	2,4-DB	10.272	10.932	989.4E6	476.8E6	325.862m	414.755 #
15) T	Picloram	11.299	12.426	7289.1E6	7986.4E6	364.368	361.638
16) T	DCPA	11.787	12.363	10185.4E6	9458.4E6	385.226	462.220

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

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Data File : PS030501.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Jun 2025 22:04
Operator : AR\AJ
Sample : Q2160-05MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

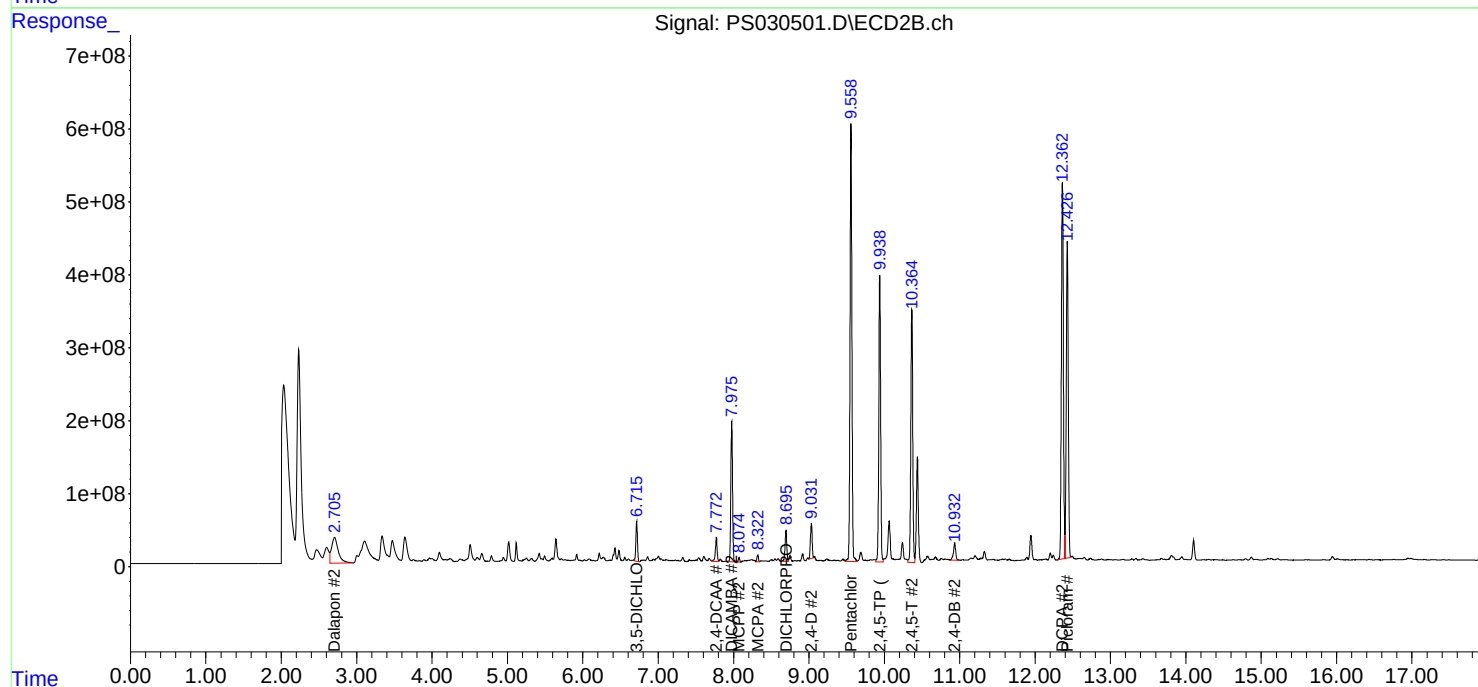
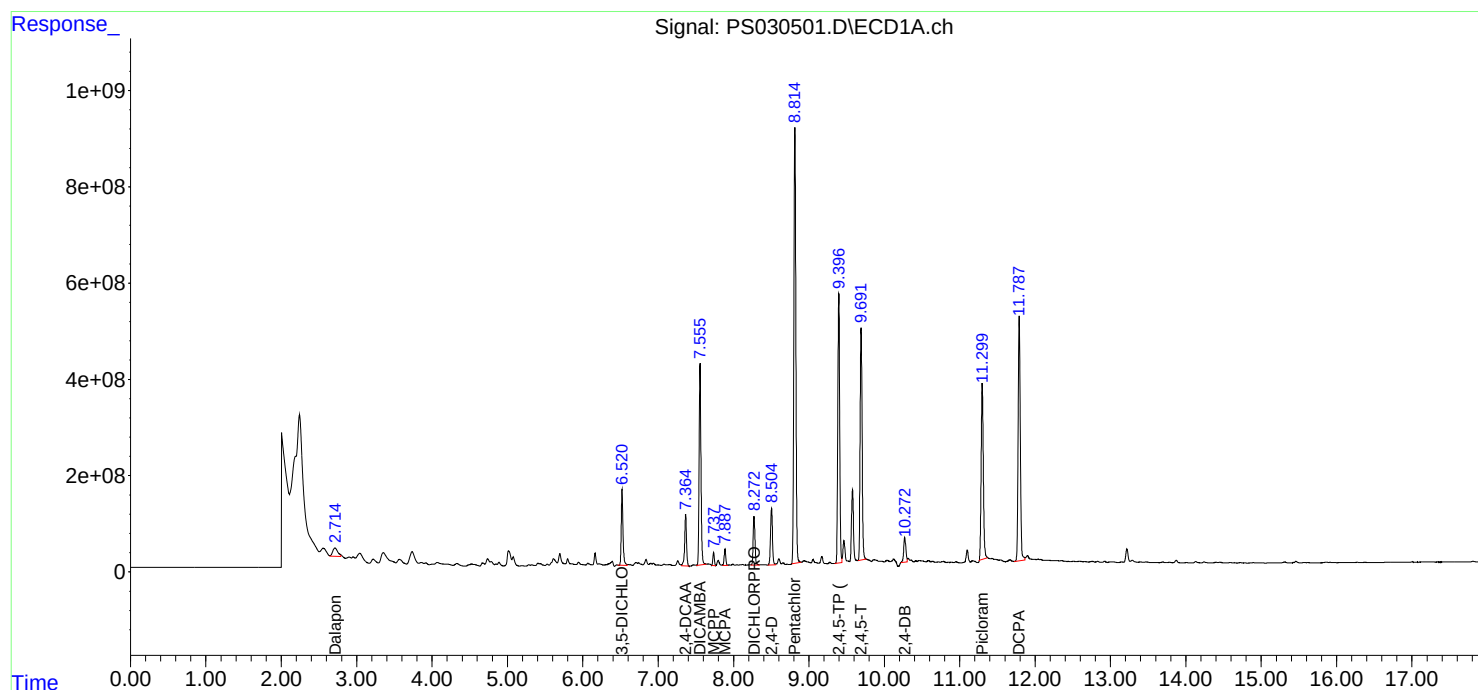
Instrument :
ECD_S
ClientSampleId :
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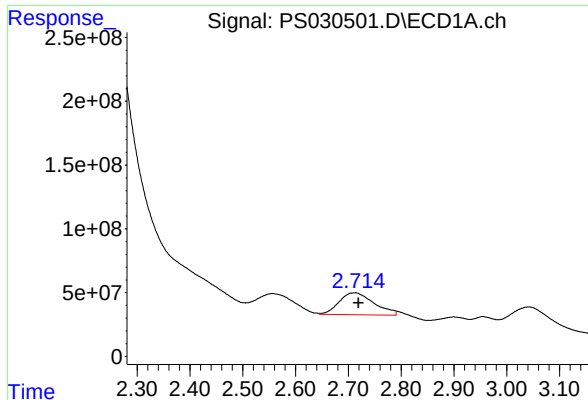
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Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





#1 Dalapon

R.T.: 2.714 min
Delta R.T.: -0.006 min
Response: 789730252
Conc: 139.85 ng/ml

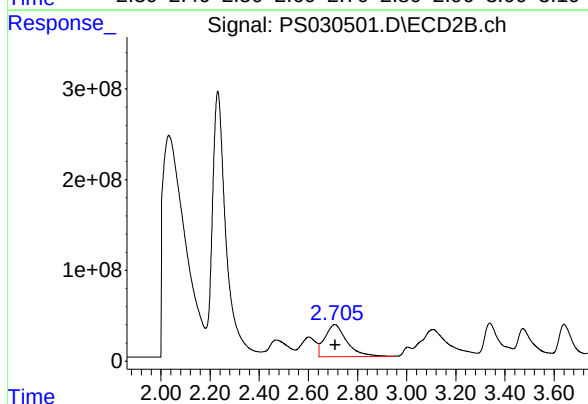
Instrument :

ECD_S

ClientSampleId :
TP05-MHH-WCMSD

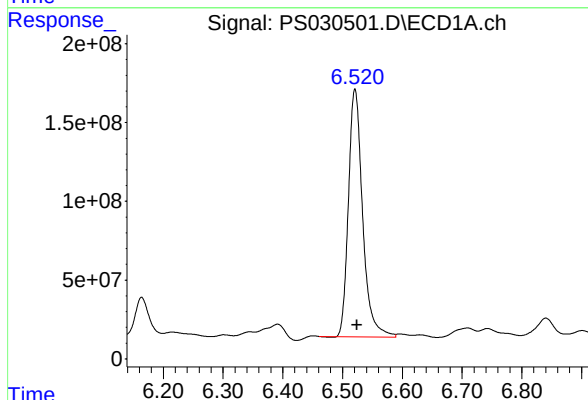
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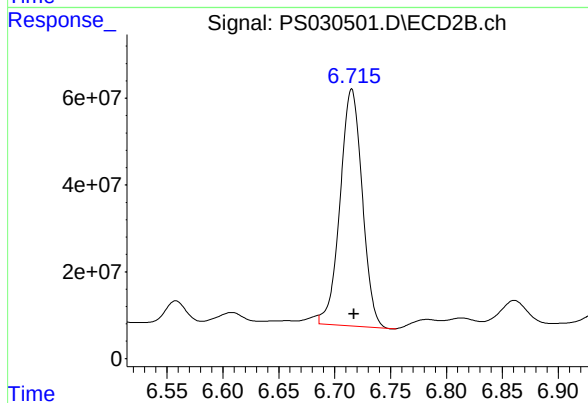
#1 Dalapon

R.T.: 2.708 min
Delta R.T.: -0.003 min
Response: 2181184206
Conc: 796.05 ng/ml



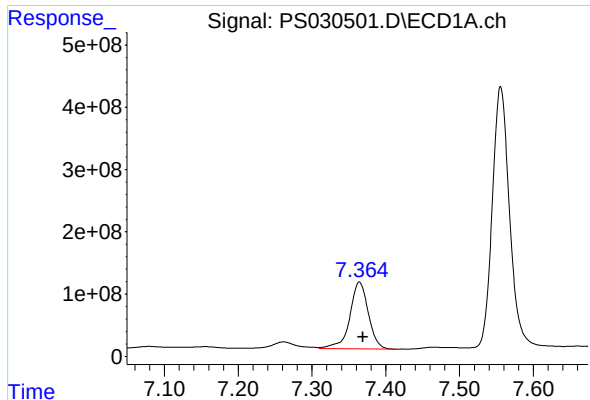
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.521 min
Delta R.T.: -0.003 min
Response: 2592311641
Conc: 477.73 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.715 min
Delta R.T.: -0.002 min
Response: 750740536
Conc: 479.94 ng/ml m



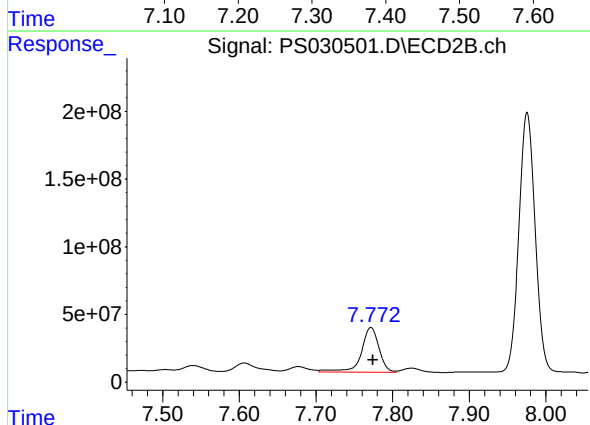
#4 2,4-DCAA

R.T.: 7.364 min
Delta R.T.: -0.005 min
Response: 1870850251
Conc: 495.57 ng/ml

Instrument :
ECD_S
ClientSampleId :
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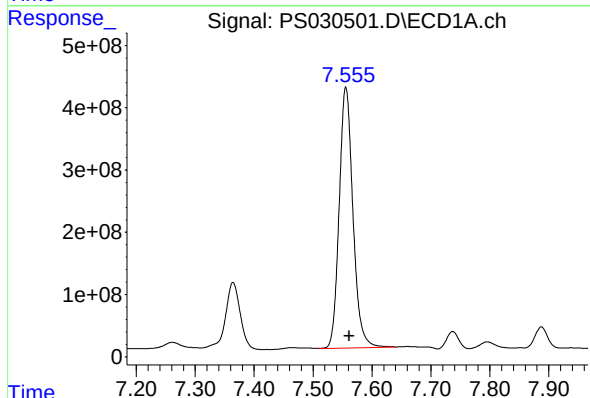
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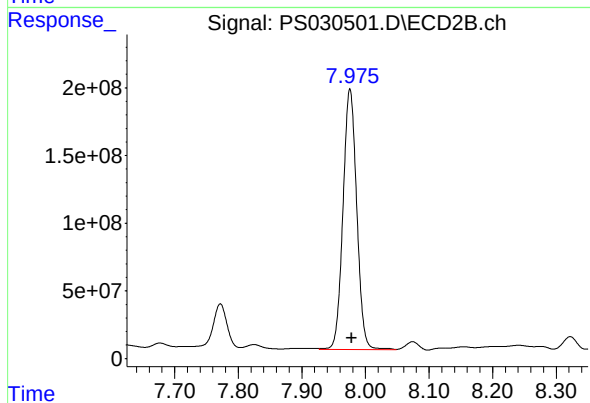
#4 2,4-DCAA

R.T.: 7.772 min
Delta R.T.: -0.003 min
Response: 536950589
Conc: 499.21 ng/ml



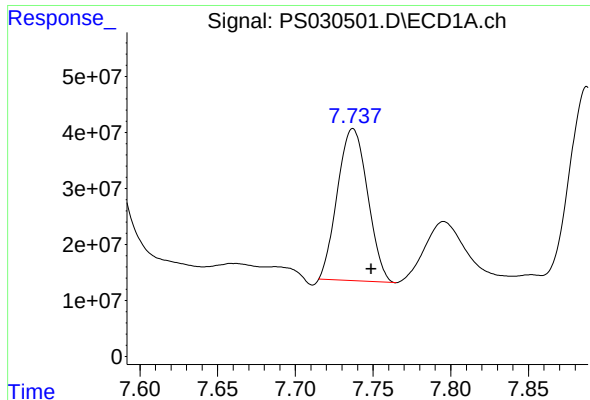
#5 DICAMBA

R.T.: 7.556 min
Delta R.T.: -0.006 min
Response: 6785520730
Conc: 439.97 ng/ml



#5 DICAMBA

R.T.: 7.976 min
Delta R.T.: -0.003 min
Response: 2887092567
Conc: 448.19 ng/ml



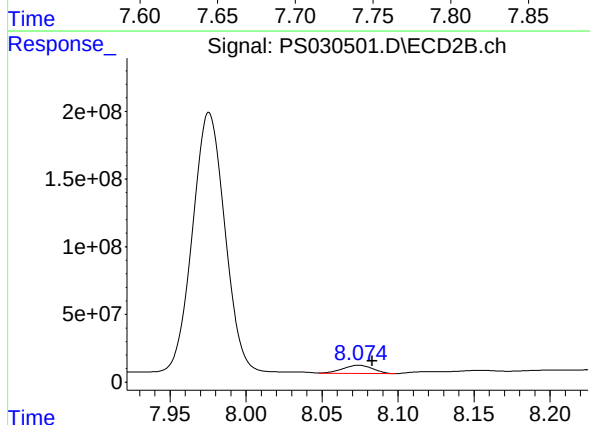
#6 MCPP

R.T.: 7.737 min
Delta R.T.: -0.012 min
Response: 366670551
Conc: 37.02 ug/ml

Instrument :
ECD_S
ClientSampleId :
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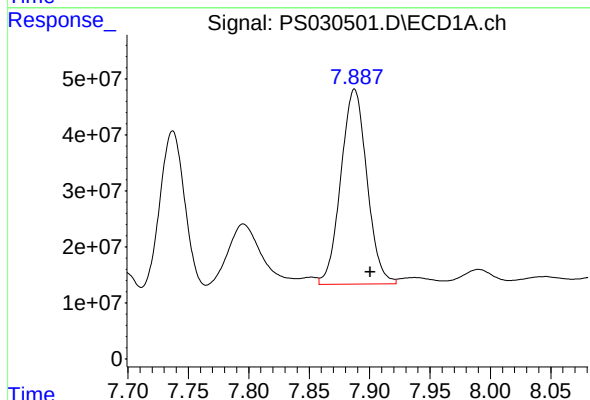
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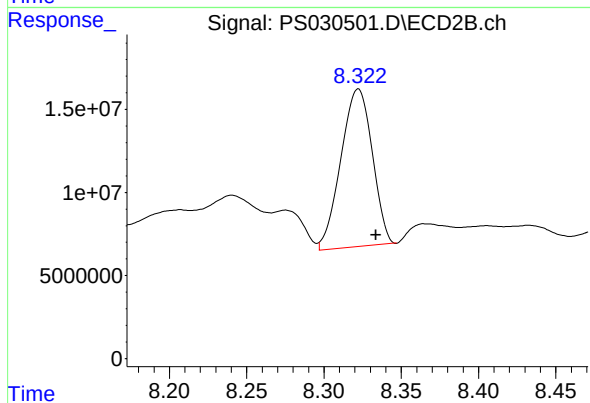
#6 MCPP

R.T.: 8.074 min
Delta R.T.: -0.009 min
Response: 84188413
Conc: 36.42 ug/ml



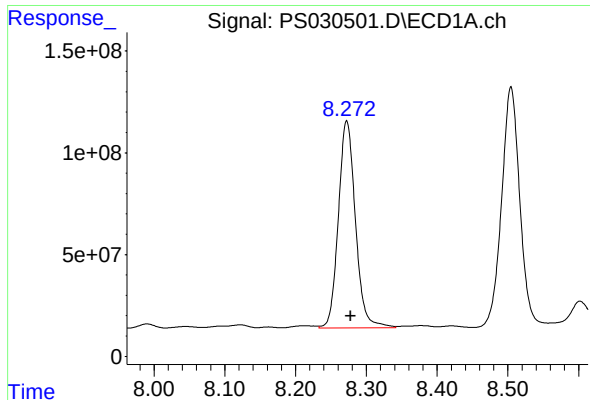
#7 MCPA

R.T.: 7.888 min
Delta R.T.: -0.013 min
Response: 522189271
Conc: 41.15 ug/ml



#7 MCPA

R.T.: 8.322 min
Delta R.T.: -0.012 min
Response: 133827102
Conc: 43.37 ug/ml m



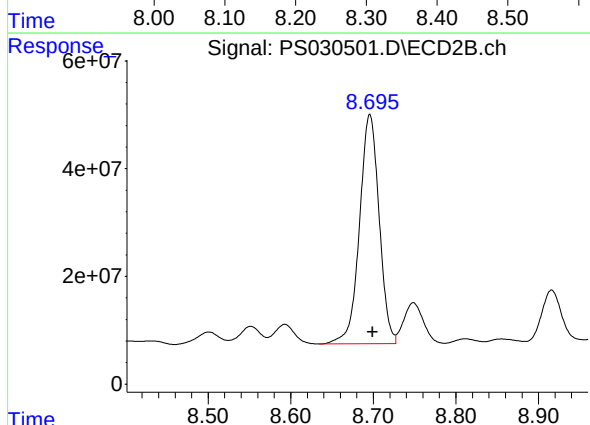
#8 DICHLORPROP

R.T.: 8.272 min
Delta R.T.: -0.006 min
Response: 1709946467
Conc: 470.00 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP05-MHH-WCMSD

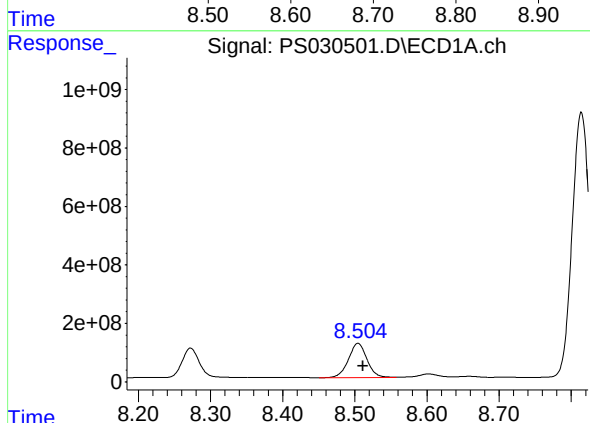
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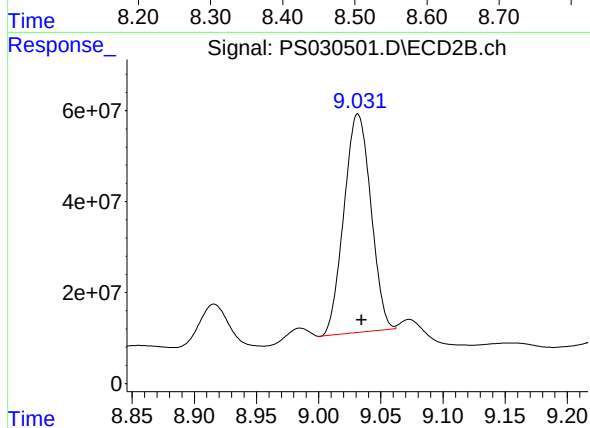
#8 DICHLORPROP

R.T.: 8.696 min
Delta R.T.: -0.003 min
Response: 702959116
Conc: 473.63 ng/ml



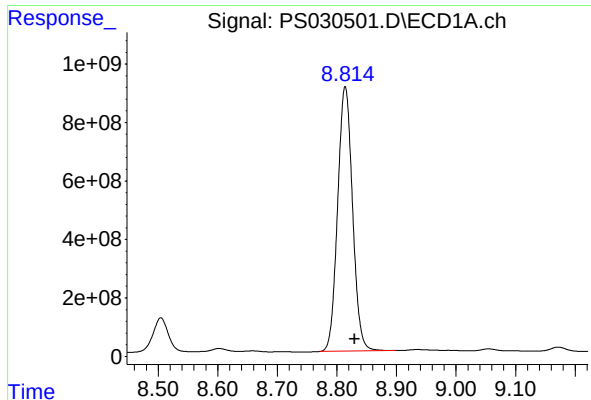
#9 2,4-D

R.T.: 8.504 min
Delta R.T.: -0.007 min
Response: 2108955733
Conc: 578.81 ng/ml



#9 2,4-D

R.T.: 9.032 min
Delta R.T.: -0.003 min
Response: 723834588
Conc: 460.36 ng/ml



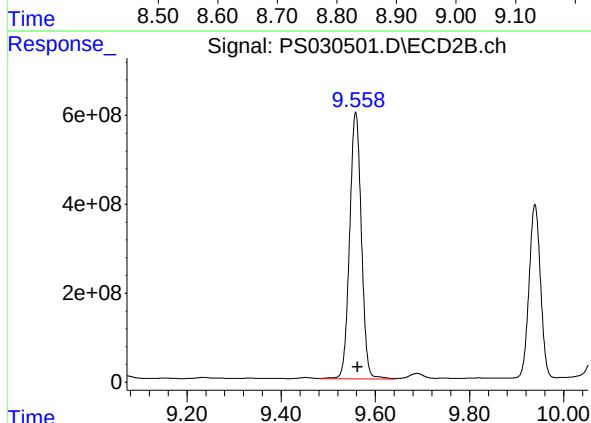
#10 Pentachlorophenol

R.T.: 8.814 min
Delta R.T.: -0.016 min
Response: 15724975010
Conc: 309.63 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP05-MHH-WCMSD

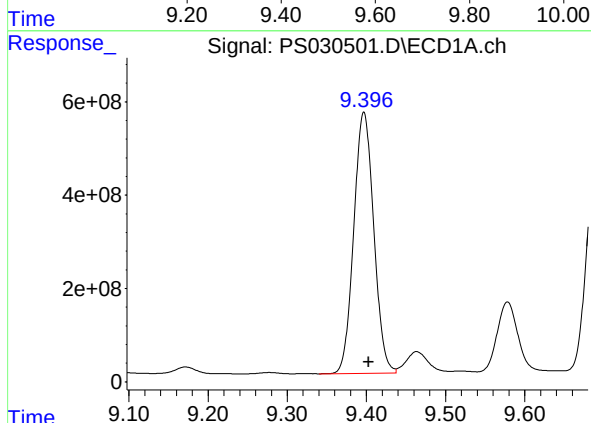
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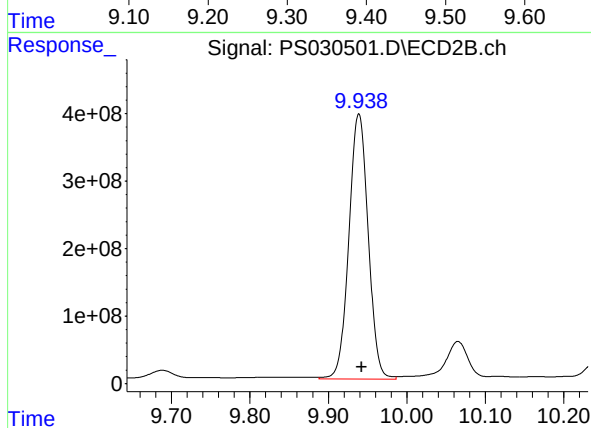
#10 Pentachlorophenol

R.T.: 9.558 min
Delta R.T.: -0.005 min
Response: 10388520808
Conc: 287.47 ng/ml



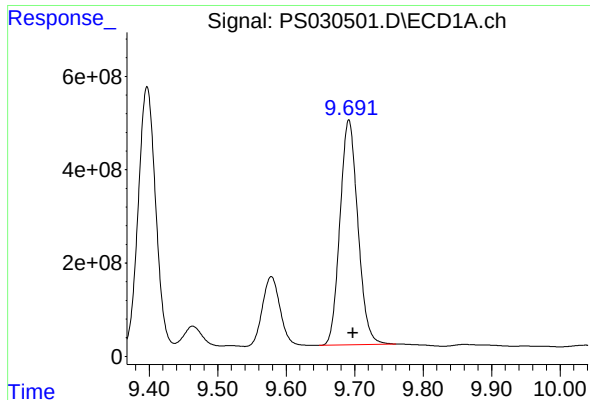
#11 2,4,5-TP (SILVEX)

R.T.: 9.397 min
Delta R.T.: -0.006 min
Response: 9823968015
Conc: 475.39 ng/ml



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

R.T.: 9.939 min
Delta R.T.: -0.004 min
Response: 6716194582
Conc: 489.63 ng/ml



#12 2,4,5-T

R.T.: 9.692 min
Delta R.T.: -0.006 min
Response: 8767166176
Conc: 475.67 ng/ml

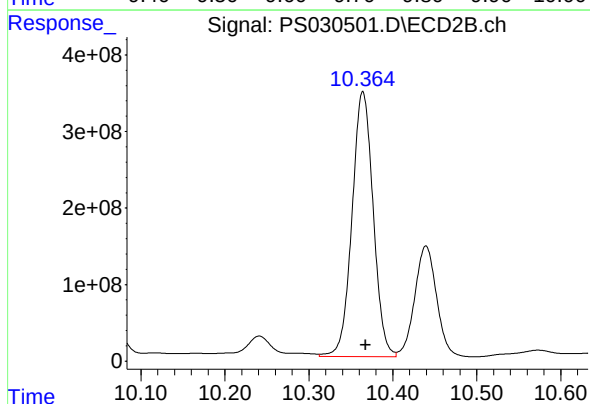
Instrument :

ECD_S

ClientSampleId :
TP05-MHH-WCMSD

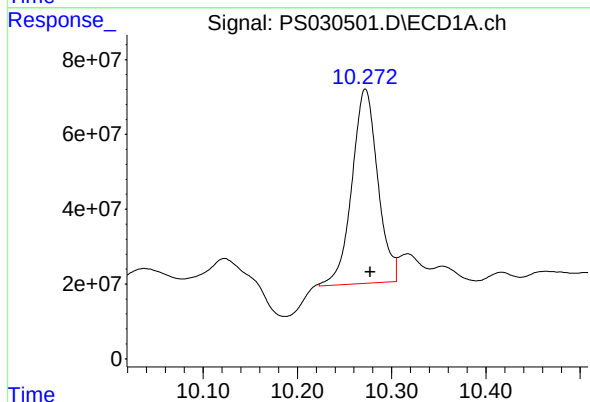
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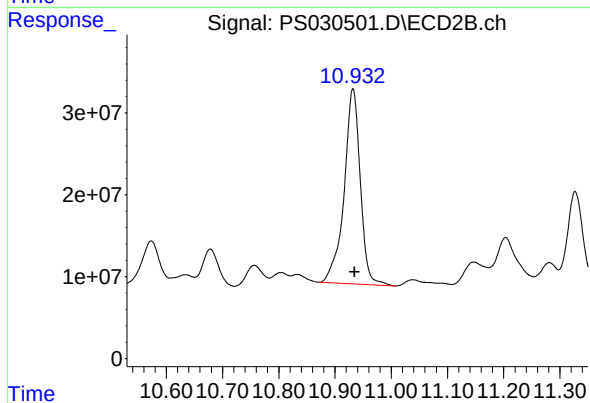
#12 2,4,5-T

R.T.: 10.364 min
Delta R.T.: -0.003 min
Response: 6067978428
Conc: 464.73 ng/ml



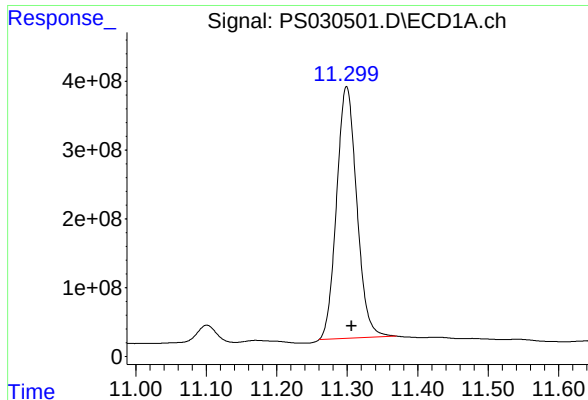
#13 2,4-DB

R.T.: 10.272 min
Delta R.T.: -0.006 min
Response: 989434636
Conc: 325.86 ng/ml m



#13 2,4-DB

R.T.: 10.932 min
Delta R.T.: -0.003 min
Response: 476782327
Conc: 414.75 ng/ml



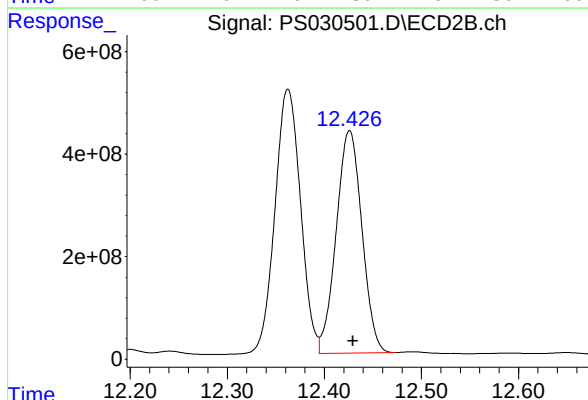
#15 Picloram

R.T.: 11.299 min
Delta R.T.: -0.007 min
Response: 7289116088
Conc: 364.37 ng/ml

Instrument :
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ClientSampleId :
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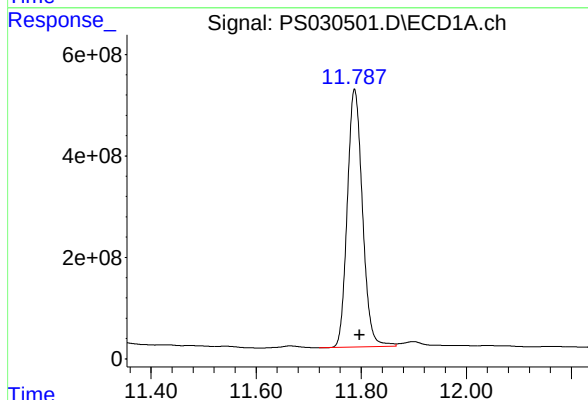
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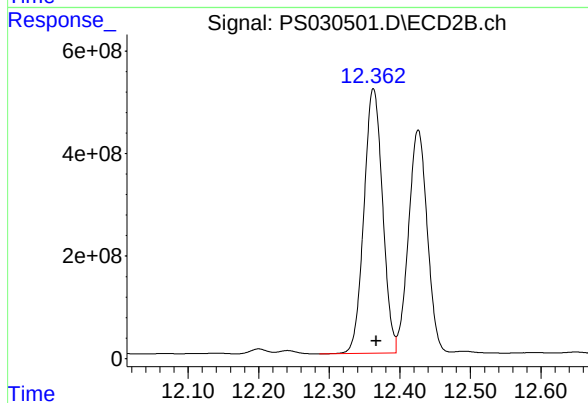
#15 Picloram

R.T.: 12.426 min
Delta R.T.: -0.004 min
Response: 7986361311
Conc: 361.64 ng/ml



#16 DCPA

R.T.: 11.787 min
Delta R.T.: -0.009 min
Response: 10185414887
Conc: 385.23 ng/ml



#16 DCPA

R.T.: 12.363 min
Delta R.T.: -0.004 min
Response: 9458371858
Conc: 462.22 ng/ml