

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS062425\
 Data File : PS030821.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Jun 2025 19:07
 Operator : AR\AJ
 Sample : Q2367-05MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 EP-5MSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/25/2025
 Supervised By : mohammad ahmed 06/26/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 25 01:56:07 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS061825.M
 Quant Title : 8080.M
 QLast Update : Thu Jun 19 05:11:26 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	7.343	7.768	1729.1E6	448.2E6	470.583m	418.071
Target Compounds							
1) T	Dalapon	2.698	2.708	3721.3E6	1746.4E6	623.795	636.953m
2) T	3,5-DICHL...	6.503	6.714	1909.3E6	596.7E6	355.055	369.867m
3) T	4-Nitroph...	7.143	7.301	334.5E6	338.1E6	212.117	195.010
5) T	DICAMBA	7.534	7.971	5407.4E6	2337.2E6	355.397	356.647
6) T	MCP	7.713	8.070	206.0E6	56812618	21.939	27.088m
7) T	MCPA	7.862	8.313	338.3E6	123.7E6	28.837	39.330 #
8) T	DICHLORPROP	8.247	8.690	1209.8E6	572.9E6	322.971	364.310
9) T	2,4-D	8.479	9.026	1450.1E6	676.0E6	420.995m	397.761
10) T	Pentachlo...	8.786	9.551	16364.2E6	11443.5E6	309.194	300.181
11) T	2,4,5-TP ...	9.367	9.932	6306.1E6	4568.7E6	314.826	316.639m
12) T	2,4,5-T	9.661	10.357	5645.7E6	4441.1E6	343.137	325.003m
13) T	2,4-DB	10.240	10.926	549.8E6	353.8E6	239.708m	299.068
14) T	DINOSEB	11.456	11.312	872.8E6	659.4E6	62.916m	61.163
15) T	Picloram	11.266	12.419	5648.0E6	7367.6E6	351.327m	317.005
16) T	DCPA	11.750	12.354	7565.6E6	9026.6E6	295.344	409.505m#

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

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Acq On : 24 Jun 2025 19:07
Operator : AR\AJ
Sample : Q2367-05MSD
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ALS Vial : 12 Sample Multiplier: 1

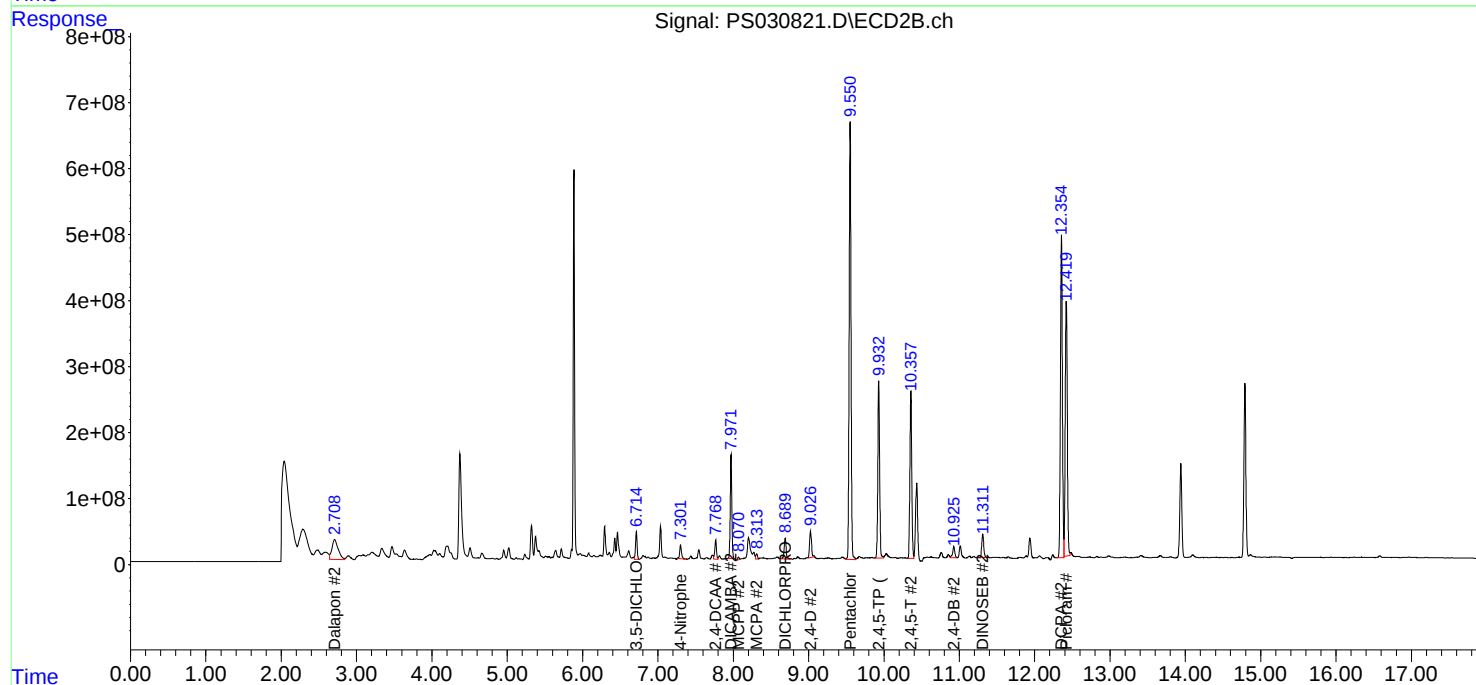
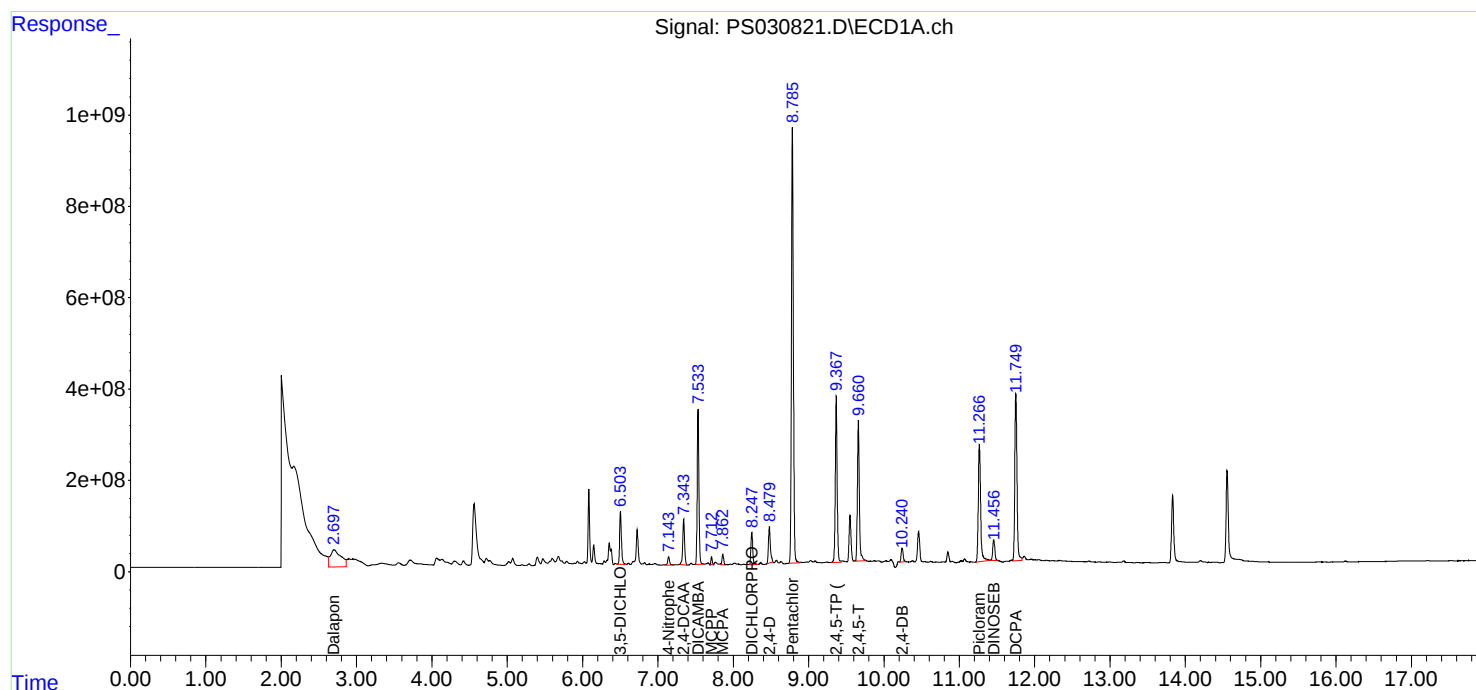
Instrument :
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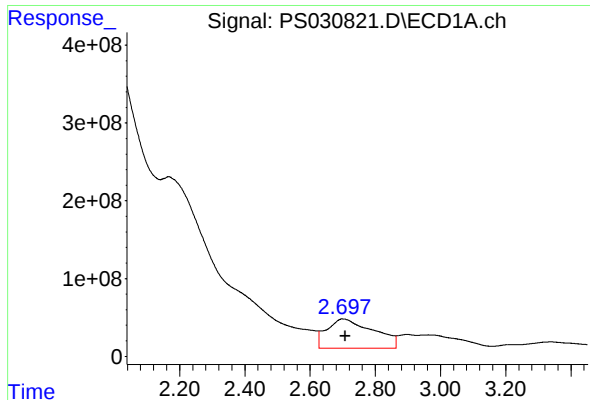
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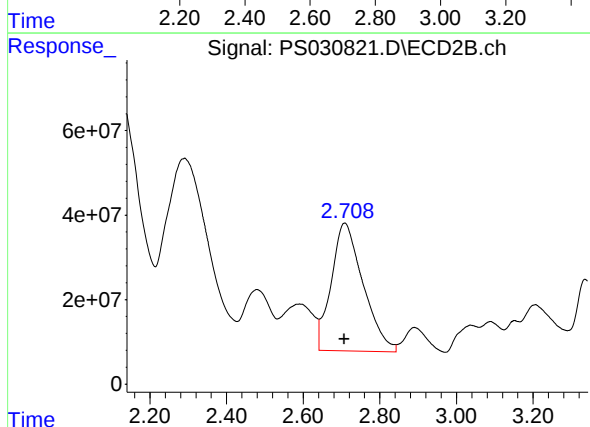
#1 Dalapon

R.T.: 2.698 min
Delta R.T.: -0.010 min
Response: 3721329882
Conc: 623.79 ng/ml

Instrument :
ECD_S
ClientSampleId :
EP-5MSD

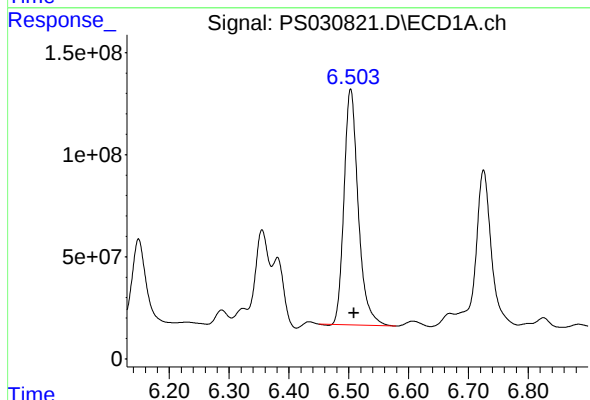
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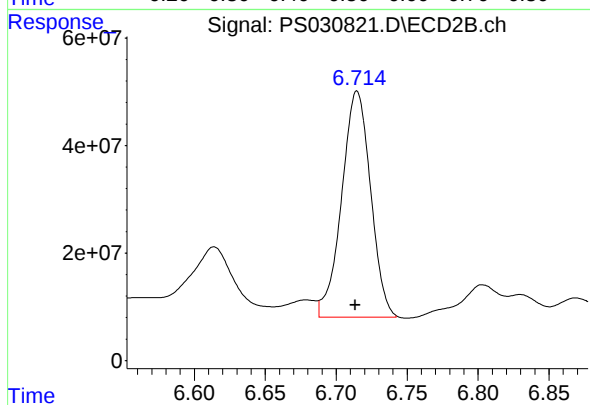
#1 Dalapon

R.T.: 2.708 min
Delta R.T.: 0.000 min
Response: 1746362391
Conc: 636.95 ng/ml m



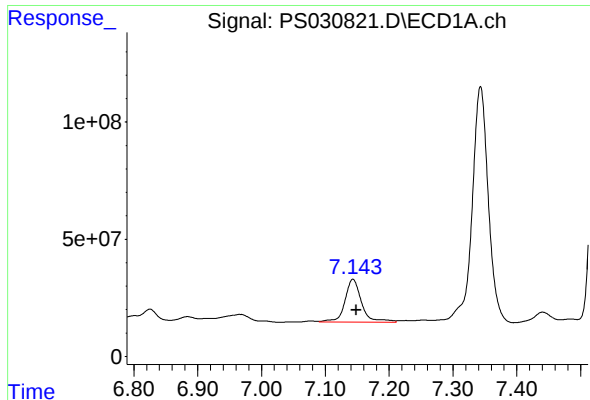
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.503 min
Delta R.T.: -0.006 min
Response: 1909324779
Conc: 355.05 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.714 min
Delta R.T.: 0.000 min
Response: 596651526
Conc: 369.87 ng/ml m



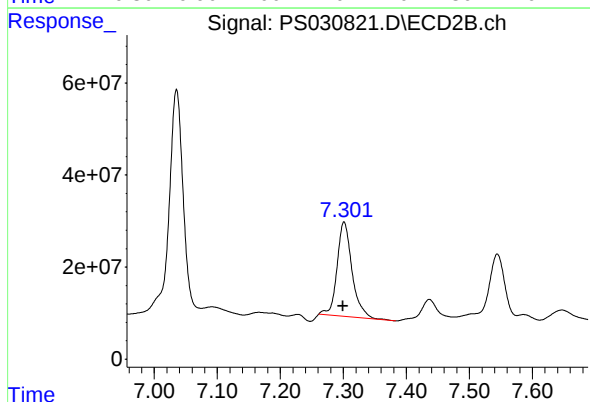
#3 4-Nitrophenol

R.T.: 7.143 min
Delta R.T.: -0.005 min
Response: 334458952
Conc: 212.12 ng/ml

Instrument :
ECD_S
ClientSampleId :
EP-5MSD

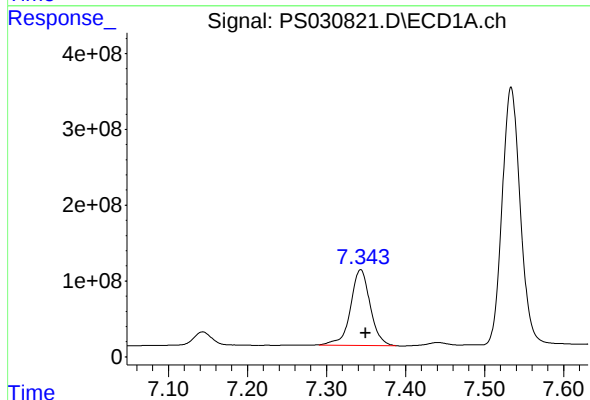
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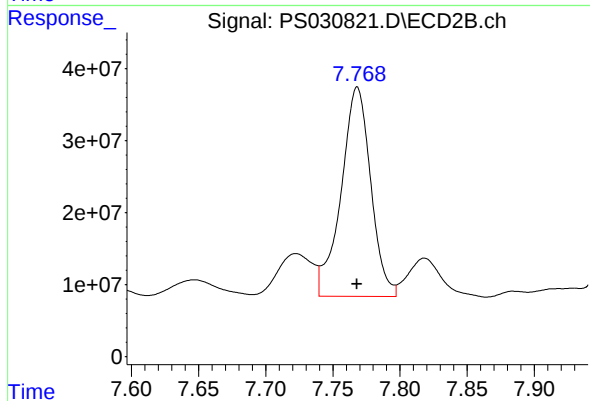
#3 4-Nitrophenol

R.T.: 7.301 min
Delta R.T.: 0.002 min
Response: 338056361
Conc: 195.01 ng/ml



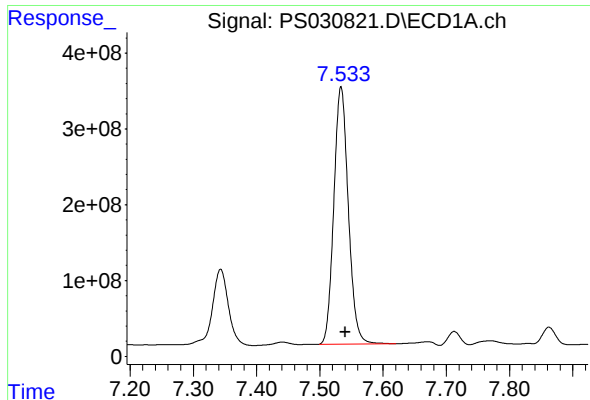
#4 2,4-DCAA

R.T.: 7.343 min
Delta R.T.: -0.007 min
Response: 1729107114
Conc: 470.58 ng/ml m



#4 2,4-DCAA

R.T.: 7.768 min
Delta R.T.: 0.000 min
Response: 448157371
Conc: 418.07 ng/ml



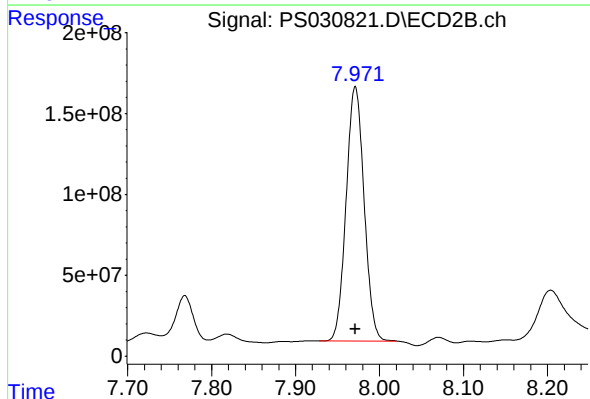
#5 DICAMBA

R.T.: 7.534 min
Delta R.T.: -0.007 min
Response: 5407397945
Conc: 355.40 ng/ml

Instrument :
ECD_S
ClientSampleId :
EP-5MSD

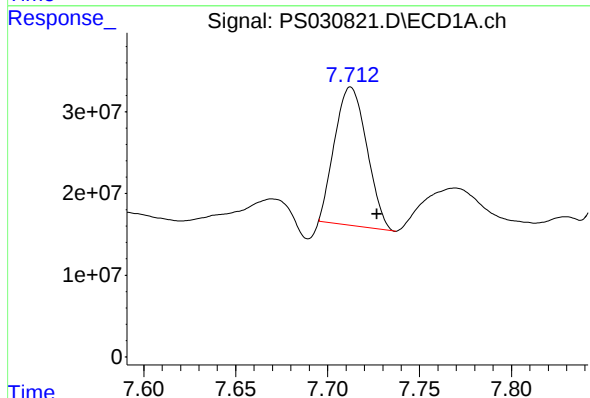
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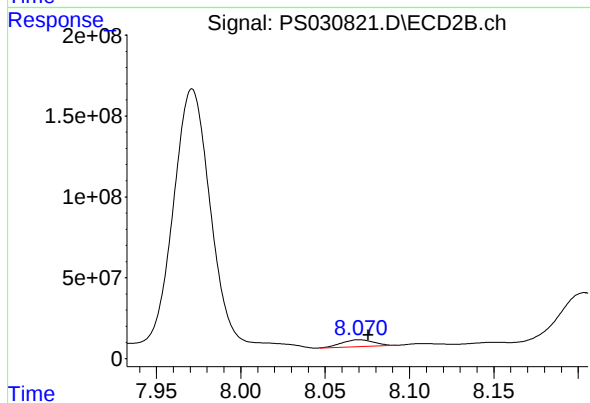
#5 DICAMBA

R.T.: 7.971 min
Delta R.T.: 0.000 min
Response: 2337187499
Conc: 356.65 ng/ml



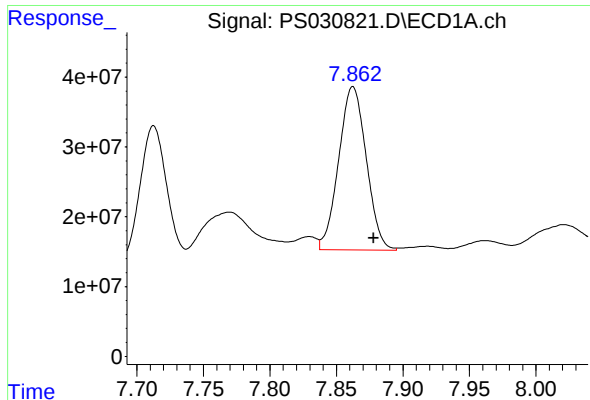
#6 MCPP

R.T.: 7.713 min
Delta R.T.: -0.014 min
Response: 205966555
Conc: 21.94 ug/ml



#6 MCPP

R.T.: 8.070 min
Delta R.T.: -0.006 min
Response: 56812618
Conc: 27.09 ug/ml m



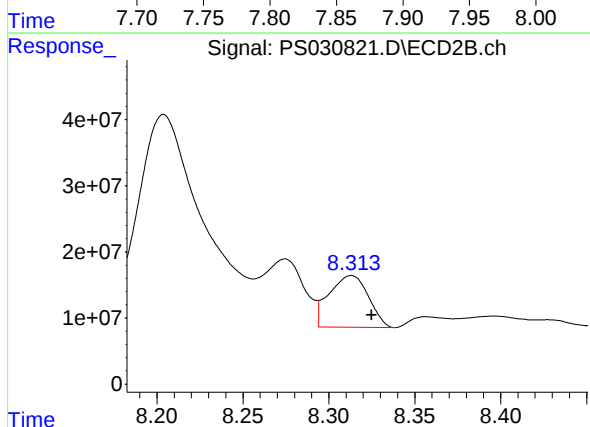
#7 MCPA

R.T.: 7.862 min
Delta R.T.: -0.016 min
Response: 338271197
Conc: 28.84 ug/ml

Instrument :
ECD_S
ClientSampleId :
EP-5MSD

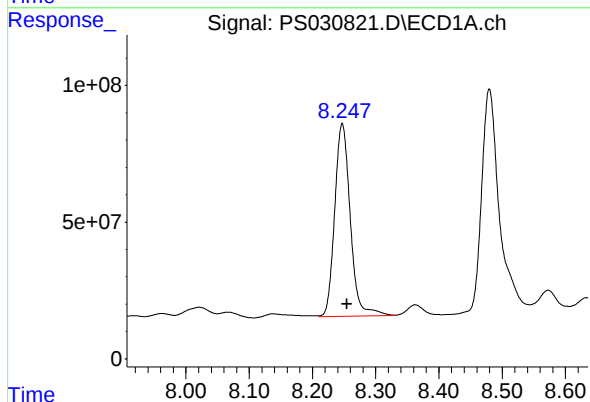
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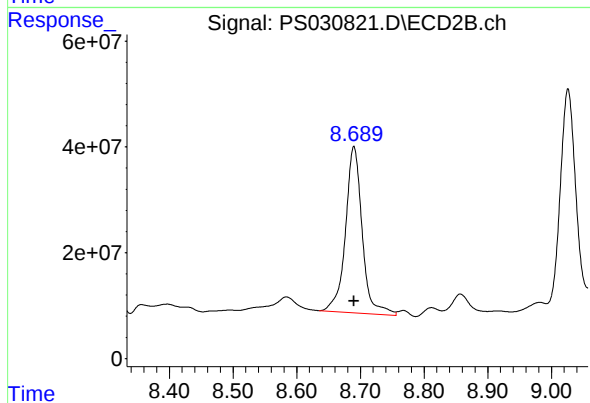
#7 MCPA

R.T.: 8.313 min
Delta R.T.: -0.012 min
Response: 123721010
Conc: 39.33 ug/ml



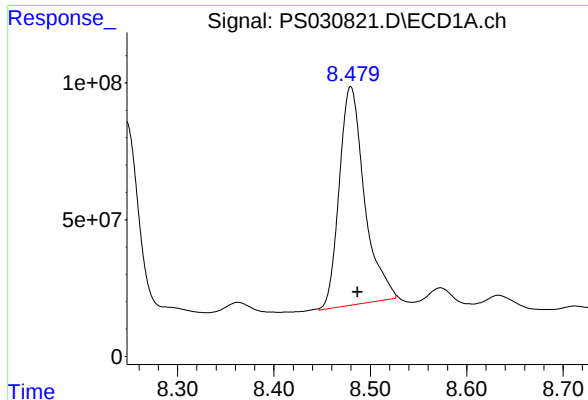
#8 DICHLORPROP

R.T.: 8.247 min
Delta R.T.: -0.007 min
Response: 1209771852
Conc: 322.97 ng/ml



#8 DICHLORPROP

R.T.: 8.690 min
Delta R.T.: 0.000 min
Response: 572876284
Conc: 364.31 ng/ml



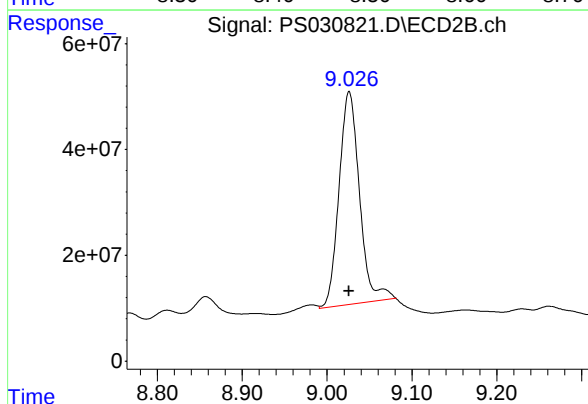
#9 2,4-D

R.T.: 8.479 min
Delta R.T.: -0.008 min
Response: 1450080600
Conc: 421.00 ng/ml

Instrument :
ECD_S
ClientSampleId :
EP-5MSD

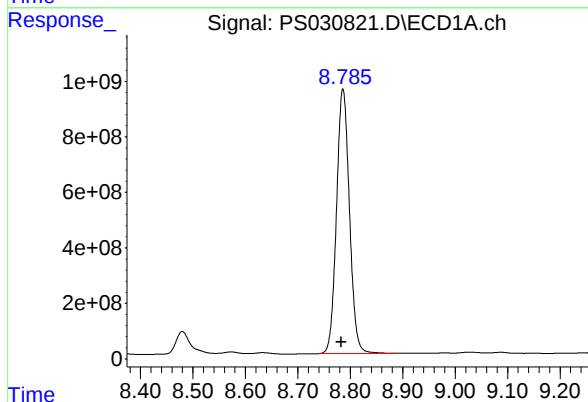
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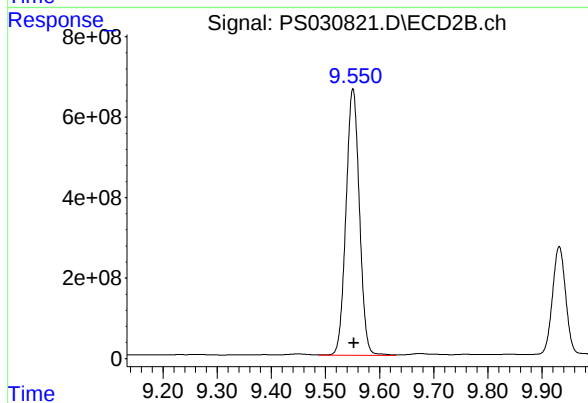
#9 2,4-D

R.T.: 9.026 min
Delta R.T.: 0.000 min
Response: 675957688
Conc: 397.76 ng/ml



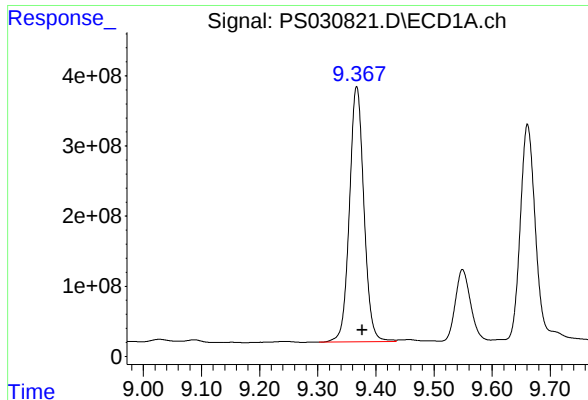
#10 Pentachlorophenol

R.T.: 8.786 min
Delta R.T.: 0.003 min
Response: 16364216211
Conc: 309.19 ng/ml



#10 Pentachlorophenol

R.T.: 9.551 min
Delta R.T.: -0.002 min
Response: 11443531277
Conc: 300.18 ng/ml



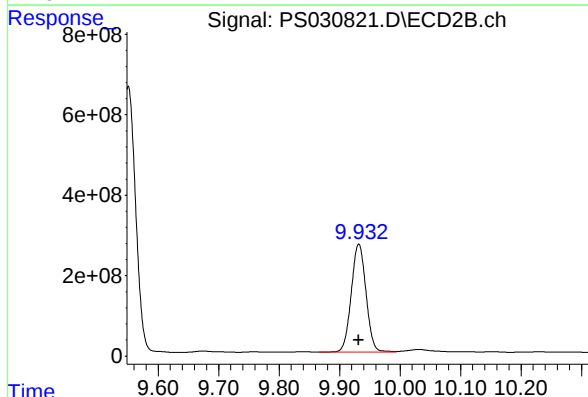
#11 2,4,5-TP (SILVEX)

R.T.: 9.367 min
Delta R.T.: -0.010 min
Response: 6306087145
Conc: 314.83 ng/ml

Instrument :
ECD_S
ClientSampleId :
EP-5MSD

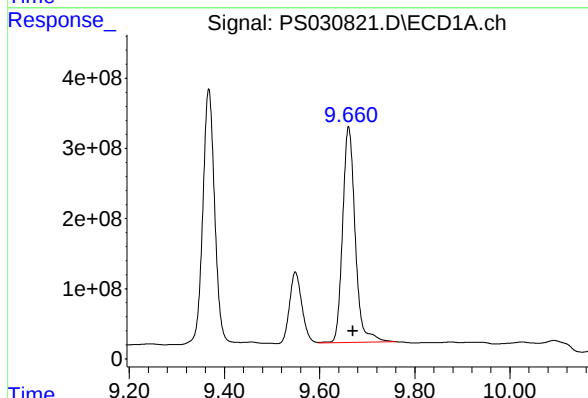
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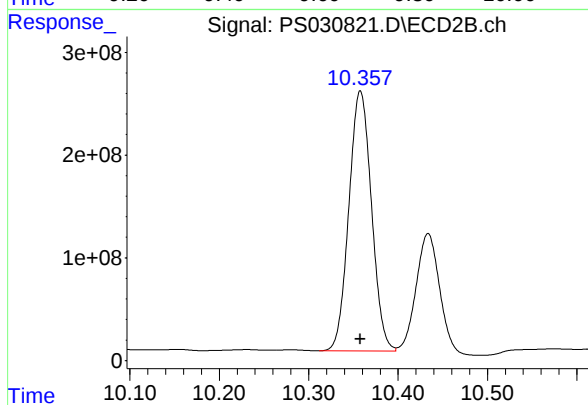
#11 2,4,5-TP (SILVEX)

R.T.: 9.932 min
Delta R.T.: 0.000 min
Response: 4568691741
Conc: 316.64 ng/ml m



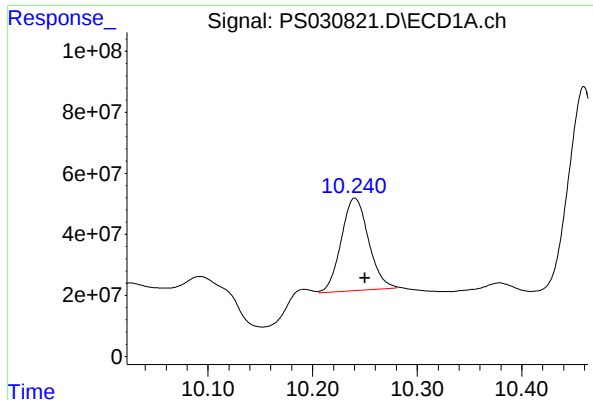
#12 2,4,5-T

R.T.: 9.661 min
Delta R.T.: -0.009 min
Response: 5645677274
Conc: 343.14 ng/ml



#12 2,4,5-T

R.T.: 10.357 min
Delta R.T.: 0.000 min
Response: 4441050383
Conc: 325.00 ng/ml m



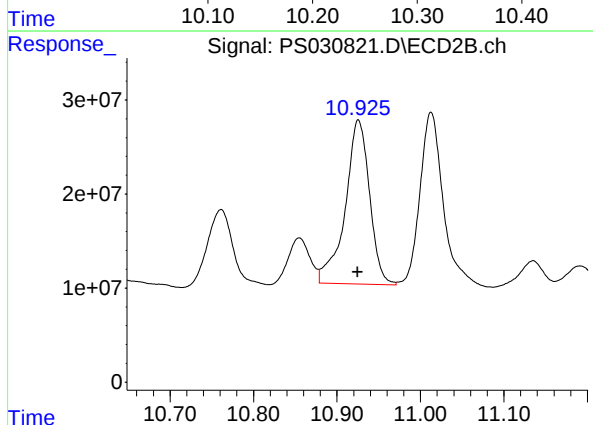
#13 2,4-DB

R.T.: 10.240 min
Delta R.T.: -0.010 min
Response: 549770437
Conc: 239.71 ng/ml

Instrument :
ECD_S
ClientSampleId :
EP-5MSD

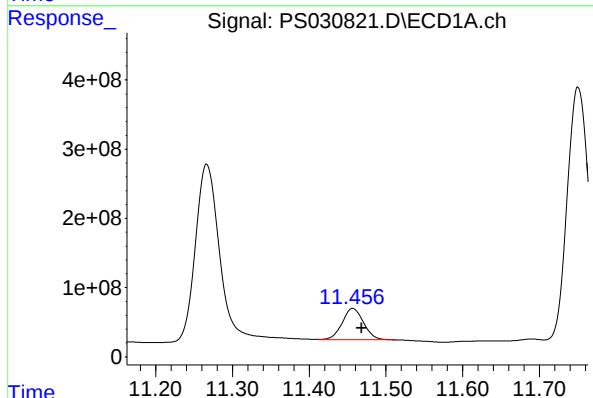
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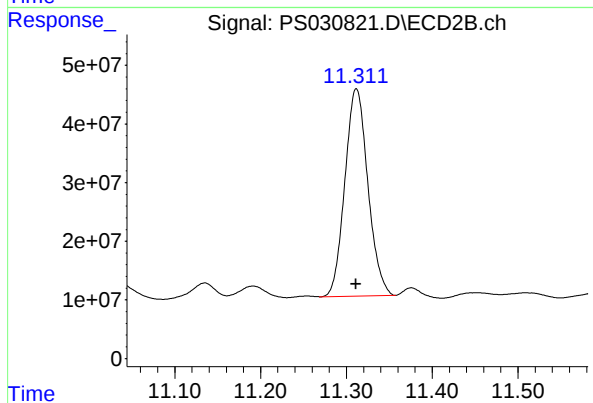
#13 2,4-DB

R.T.: 10.926 min
Delta R.T.: 0.000 min
Response: 353768693
Conc: 299.07 ng/ml



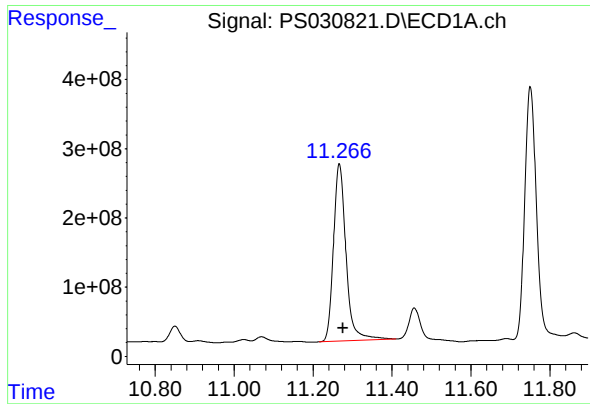
#14 DINOSEB

R.T.: 11.456 min
Delta R.T.: -0.013 min
Response: 872843659
Conc: 62.92 ng/ml m



#14 DINOSEB

R.T.: 11.312 min
Delta R.T.: 0.000 min
Response: 659411086
Conc: 61.16 ng/ml



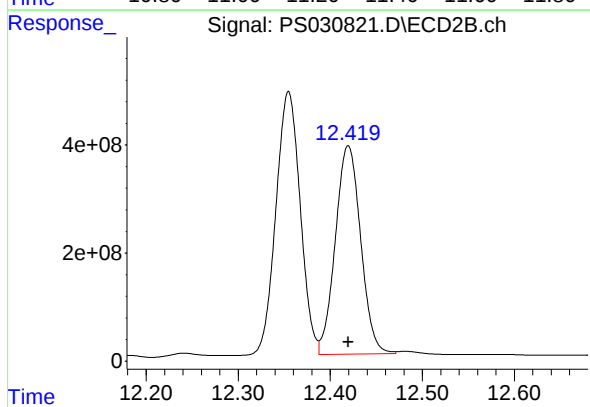
#15 Picloram

R.T.: 11.266 min
Delta R.T.: -0.011 min
Response: 5647978932
Conc: 351.33 ng/ml

Instrument :
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ClientSampleId :
EP-5MSD

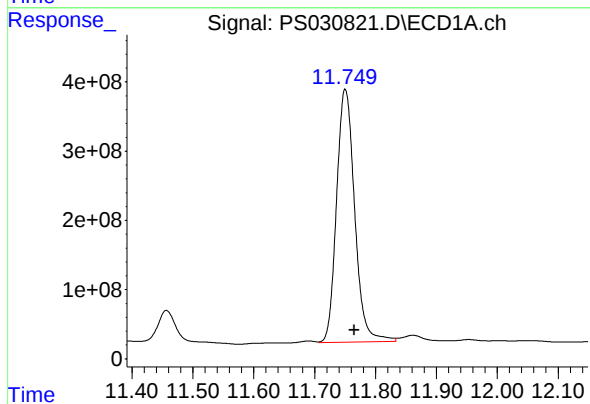
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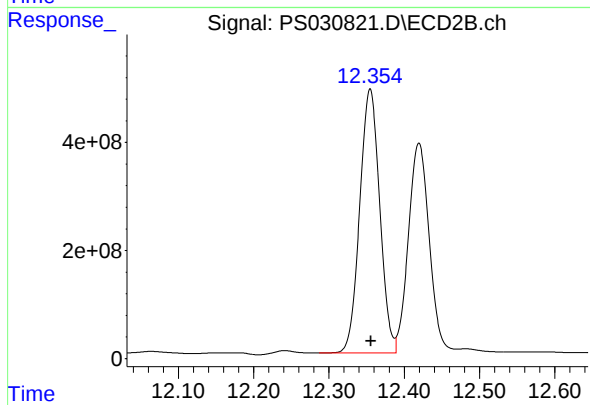
#15 Picloram

R.T.: 12.419 min
Delta R.T.: 0.000 min
Response: 7367647359
Conc: 317.00 ng/ml



#16 DCPA

R.T.: 11.750 min
Delta R.T.: -0.015 min
Response: 7565608808
Conc: 295.34 ng/ml



#16 DCPA

R.T.: 12.354 min
Delta R.T.: -0.001 min
Response: 9026643452
Conc: 409.51 ng/ml m