

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS051425\
 Data File : PS030219.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 May 2025 07:49
 Operator : AR\AJ
 Sample : PB167979BS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PB167979BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/15/2025
 Supervised By : mohammad ahmed 05/20/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 15 08:18:12 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
 Quant Title : 8080.M
 QLast Update : Mon May 12 14:29:24 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	6.933	7.453	1543.0E6	431.6E6	541.807	539.364
Target Compounds							
1) T	Dalapon	2.447	2.520	2396.9E6	985.3E6	487.642	485.099
2) T	3,5-DICHL...	6.139	6.452	2086.5E6	559.8E6	500.288	480.209
3) T	4-Nitroph...	6.725	6.987	1020.7E6	466.8E6	494.139	447.112
5) T	DICAMBA	7.110	7.638	5884.1E6	2396.2E6	509.118	506.823
6) T	MCPD	7.288	7.745	375.2E6	91392797	51.525	49.676
7) T	MCPA	7.430	7.974	507.8E6	131.0E6	48.915	49.648
8) T	DICHLORPROP	7.789	8.331	1477.4E6	595.8E6	505.738	504.264
9) T	2,4-D	8.010	8.643	1668.7E6	664.6E6	508.900	515.016
10) T	Pentachlo...	8.287	9.143	21345.0E6	13005.2E6	527.028	526.849
11) T	2,4,5-TP ...	8.851	9.521	8405.8E6	5093.1E6	519.007	517.043
12) T	2,4,5-T	9.132	9.925	8581.5E6	4717.3E6	519.615	512.549
13) T	2,4-DB	9.690	10.483	1394.1E6	455.2E6	534.170	458.674
14) T	DINOSEB	10.850	10.856	5774.8E6	3430.0E6	504.948	502.053
15) T	Picloram	10.671	11.888	10505.3E6	7734.8E6	491.202	549.613m
16) T	DCPA	11.152	11.888	10357.4E6	6605.9E6	520.171	488.946m

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

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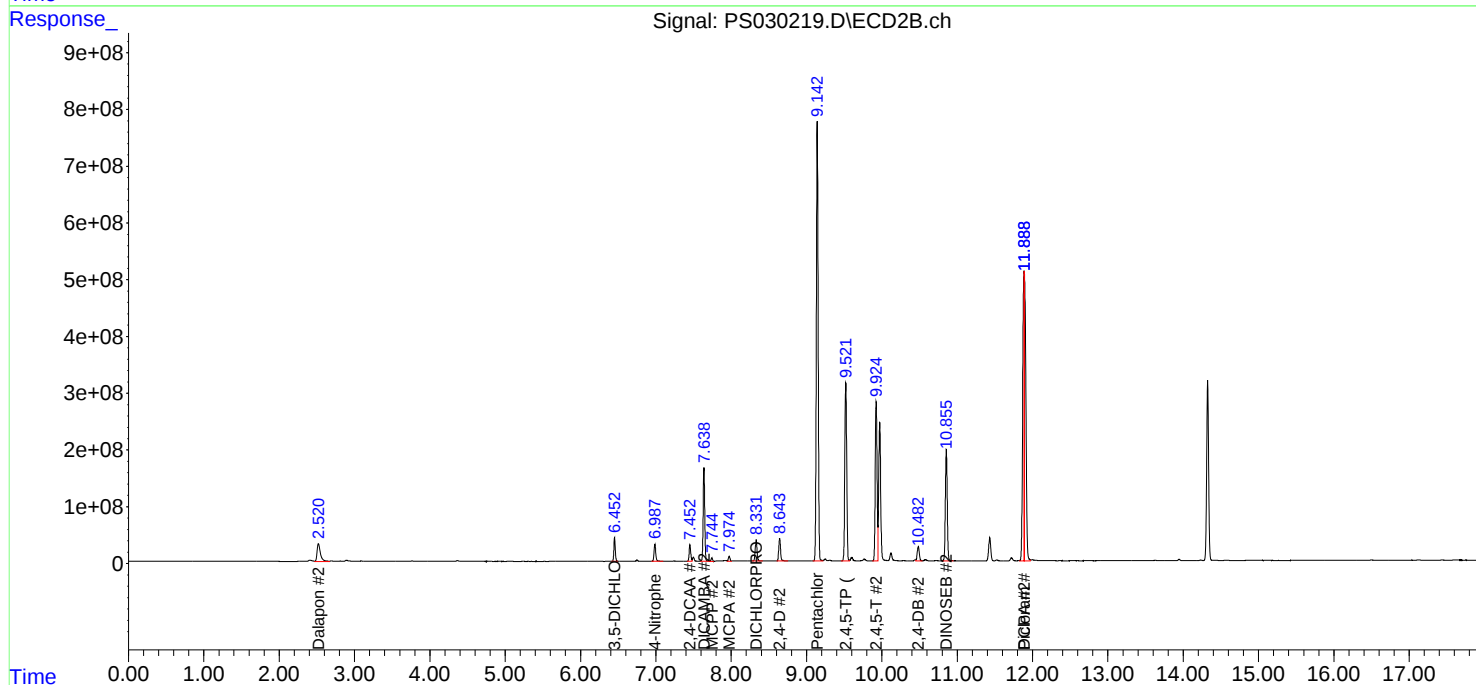
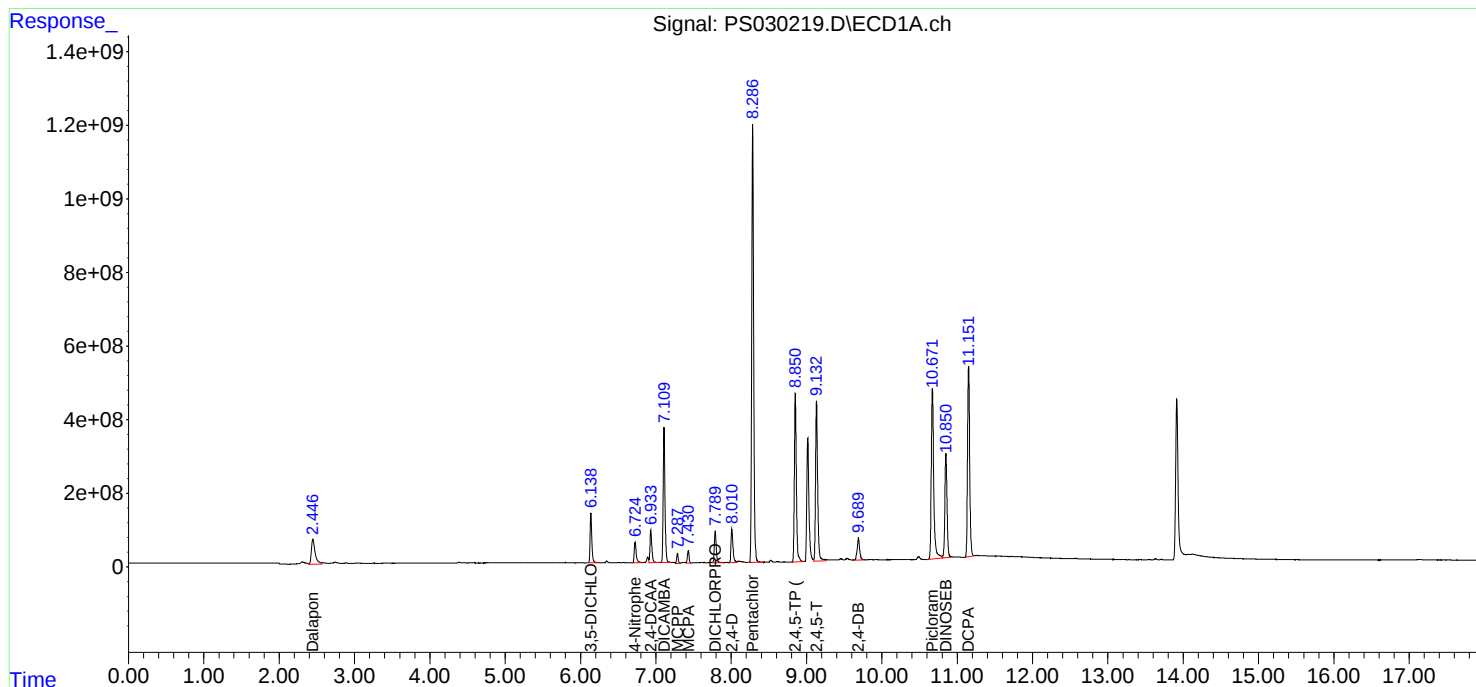
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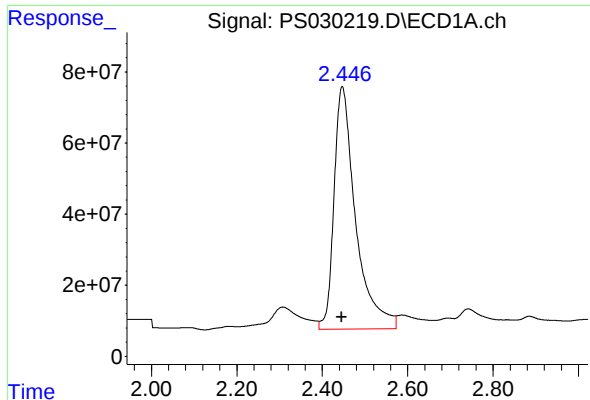
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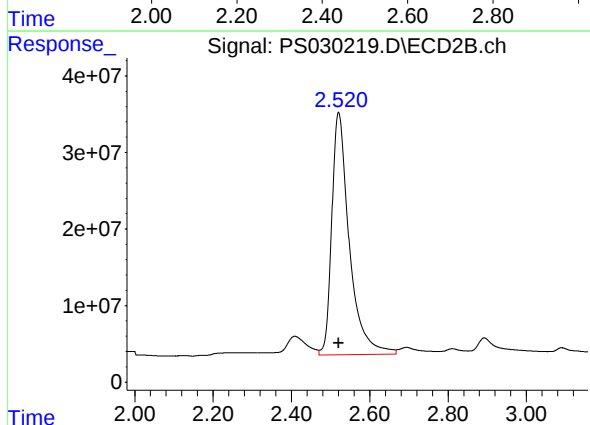
#1 Dalapon

R.T.: 2.447 min
Delta R.T.: 0.000 min
Response: 2396937051
Conc: 487.64 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167979BS

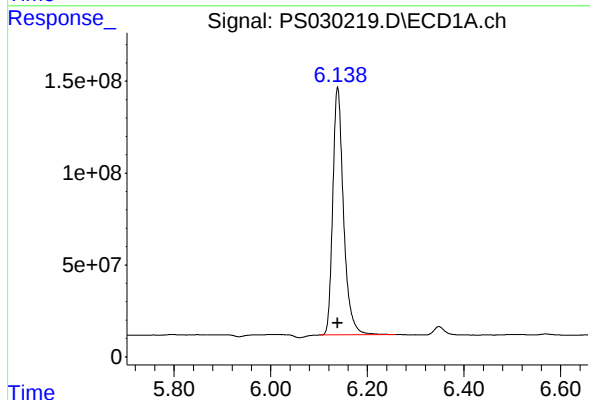
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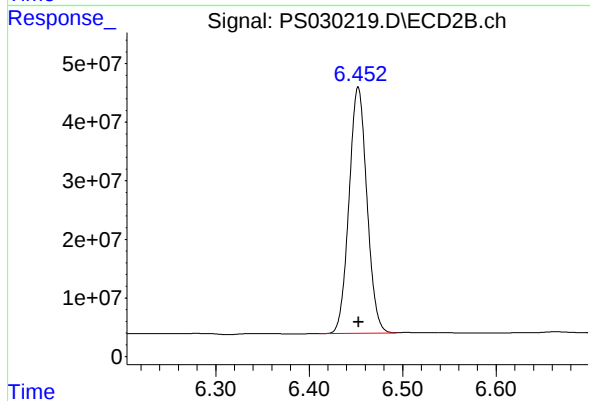
#1 Dalapon

R.T.: 2.520 min
Delta R.T.: 0.000 min
Response: 985260438
Conc: 485.10 ng/ml



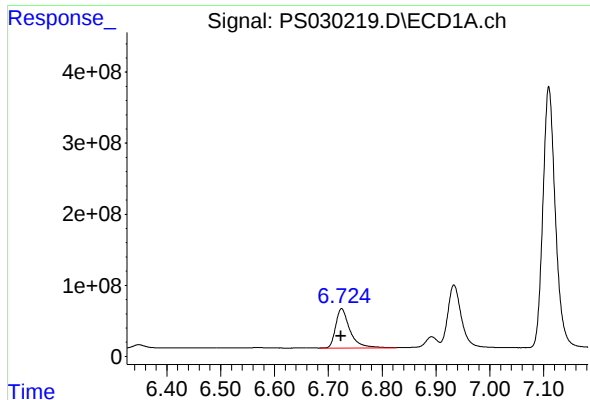
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.139 min
Delta R.T.: 0.000 min
Response: 2086476195
Conc: 500.29 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.452 min
Delta R.T.: 0.000 min
Response: 559842530
Conc: 480.21 ng/ml



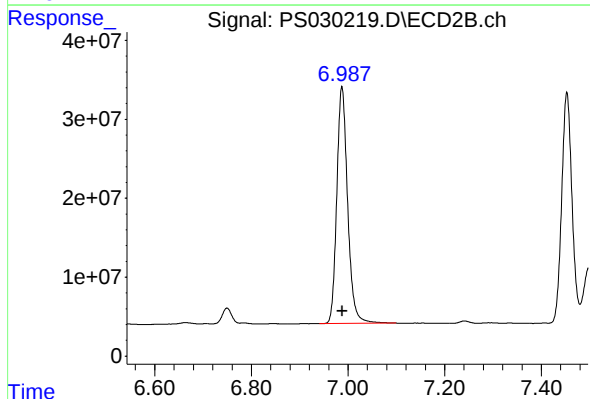
#3 4-Nitrophenol

R.T.: 6.725 min
Delta R.T.: 0.001 min
Response: 1020699995
Conc: 494.14 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167979BS

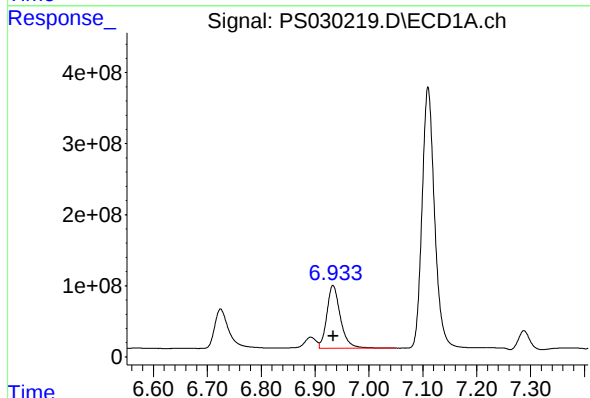
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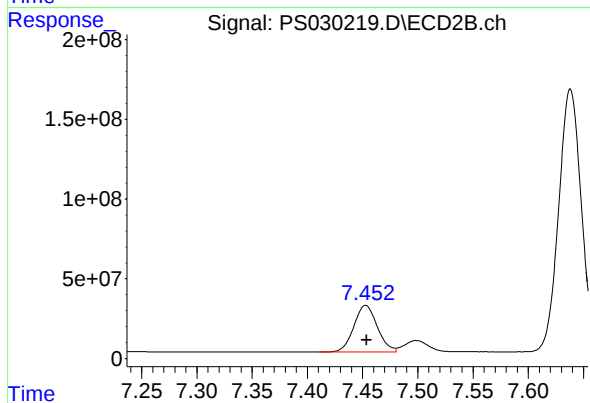
#3 4-Nitrophenol

R.T.: 6.987 min
Delta R.T.: -0.001 min
Response: 466799585
Conc: 447.11 ng/ml



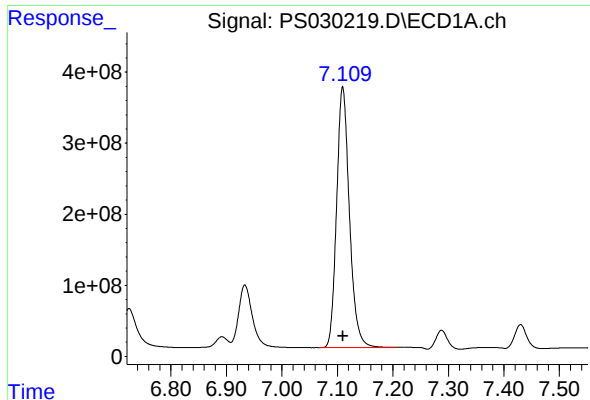
#4 2,4-DCAA

R.T.: 6.933 min
Delta R.T.: 0.000 min
Response: 1542963628
Conc: 541.81 ng/ml



#4 2,4-DCAA

R.T.: 7.453 min
Delta R.T.: -0.001 min
Response: 431600861
Conc: 539.36 ng/ml



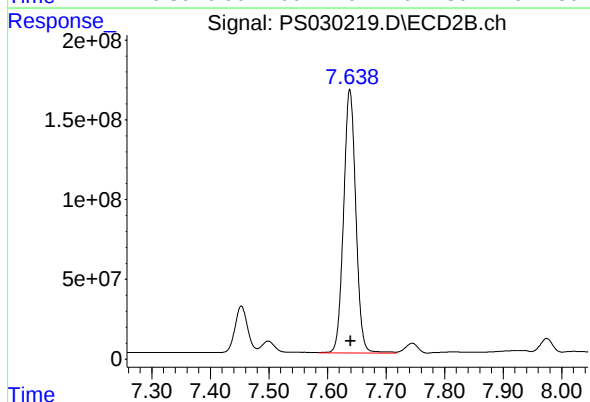
#5 DICAMBA

R.T.: 7.110 min
Delta R.T.: 0.000 min
Response: 5884057408
Conc: 509.12 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167979BS

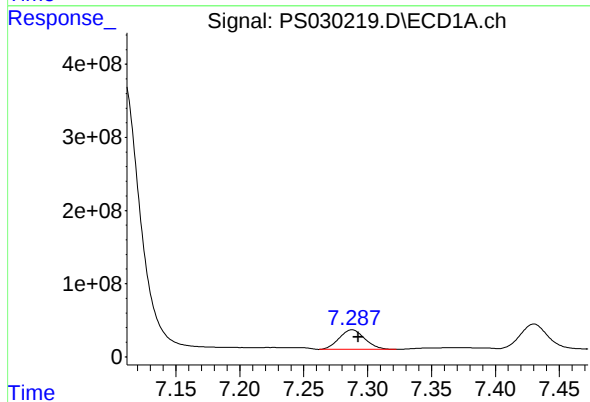
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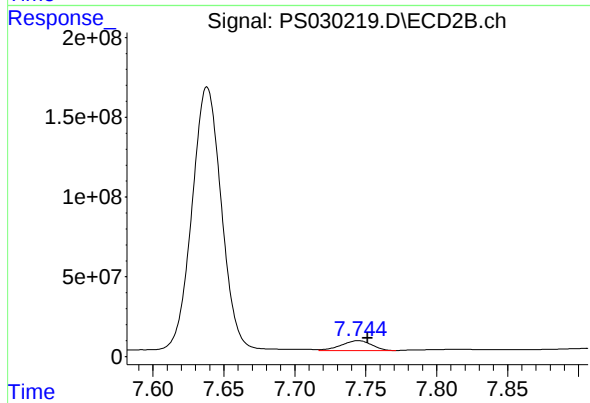
#5 DICAMBA

R.T.: 7.638 min
Delta R.T.: -0.002 min
Response: 2396248771
Conc: 506.82 ng/ml



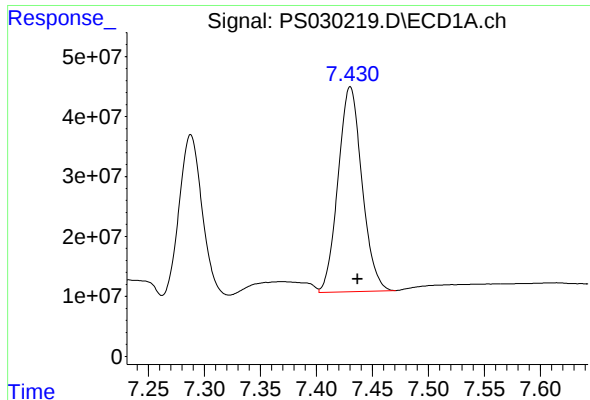
#6 MCPP

R.T.: 7.288 min
Delta R.T.: -0.005 min
Response: 375240461
Conc: 51.53 ug/ml



#6 MCPP

R.T.: 7.745 min
Delta R.T.: -0.007 min
Response: 91392797
Conc: 49.68 ug/ml



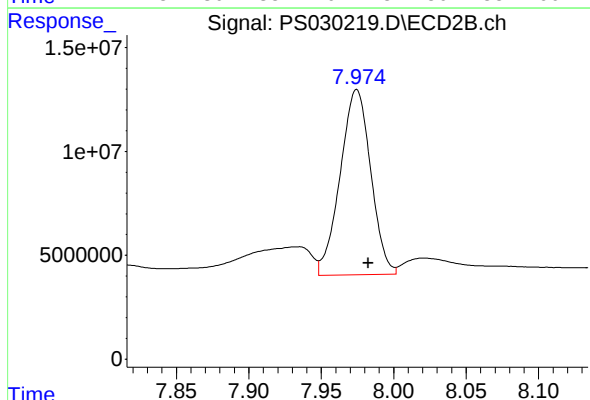
#7 MCPA

R.T.: 7.430 min
Delta R.T.: -0.007 min
Response: 507785462
Conc: 48.92 ug/ml

Instrument :
ECD_S
ClientSampleId :
PB167979BS

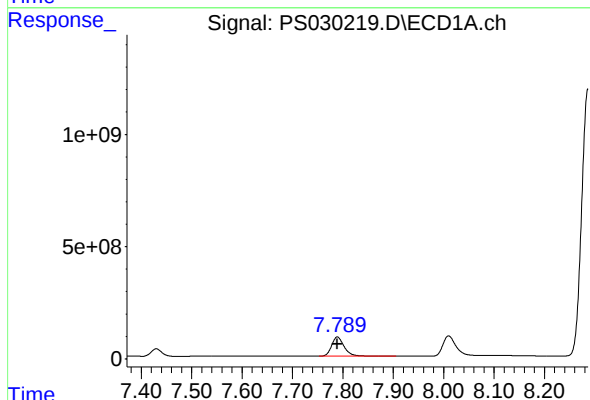
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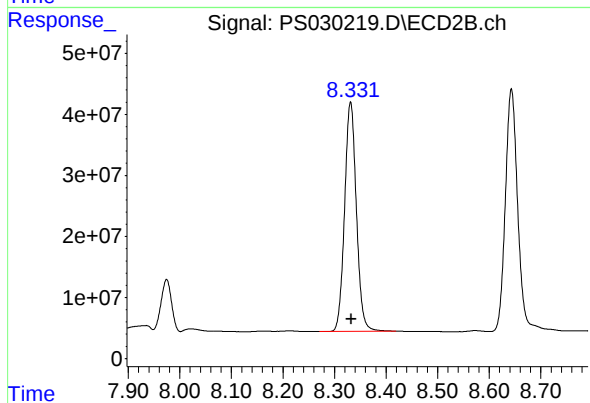
#7 MCPA

R.T.: 7.974 min
Delta R.T.: -0.008 min
Response: 130954552
Conc: 49.65 ug/ml



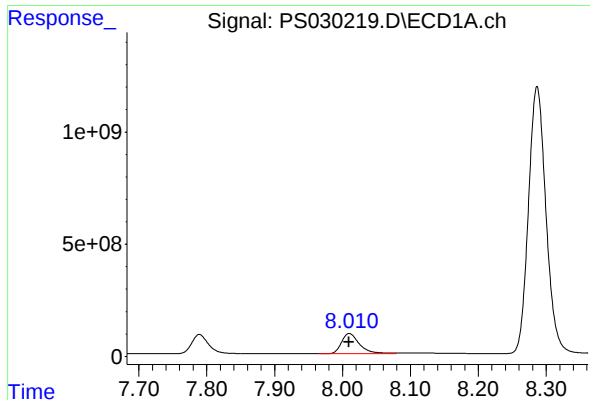
#8 DICHLORPROP

R.T.: 7.789 min
Delta R.T.: 0.000 min
Response: 1477434982
Conc: 505.74 ng/ml



#8 DICHLORPROP

R.T.: 8.331 min
Delta R.T.: -0.002 min
Response: 595754701
Conc: 504.26 ng/ml



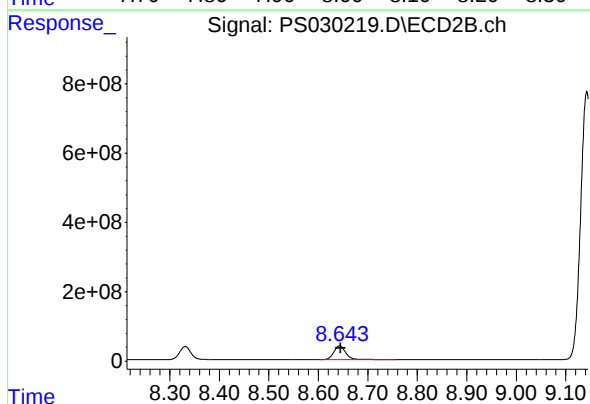
#9 2,4-D

R.T.: 8.010 min
Delta R.T.: 0.000 min
Response: 1668651730
Conc: 508.90 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167979BS

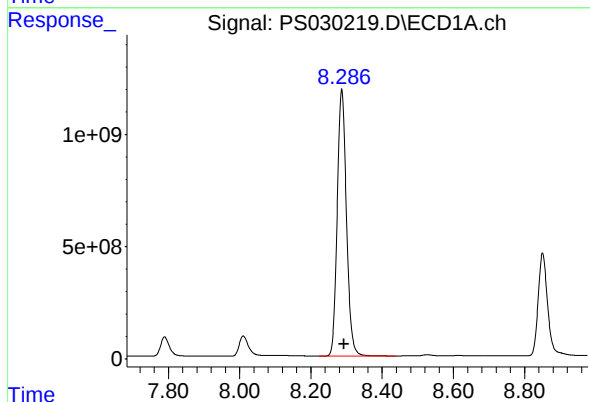
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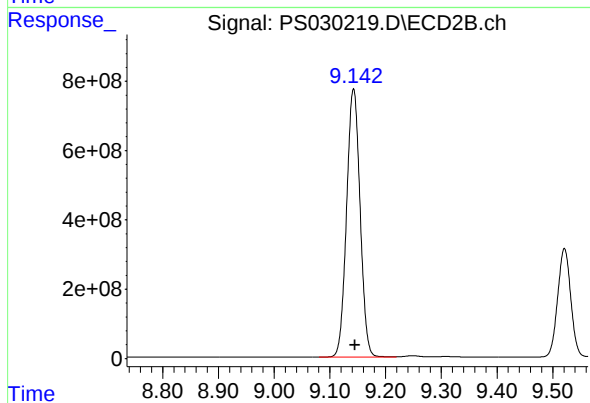
#9 2,4-D

R.T.: 8.643 min
Delta R.T.: -0.002 min
Response: 664628180
Conc: 515.02 ng/ml



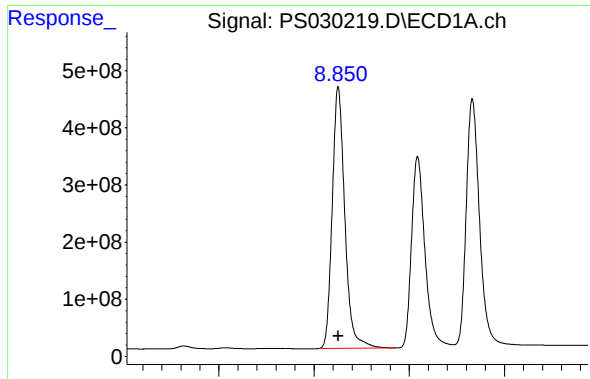
#10 Pentachlorophenol

R.T.: 8.287 min
Delta R.T.: -0.006 min
Response: 21345038828
Conc: 527.03 ng/ml



#10 Pentachlorophenol

R.T.: 9.143 min
Delta R.T.: -0.002 min
Response: 13005246453
Conc: 526.85 ng/ml



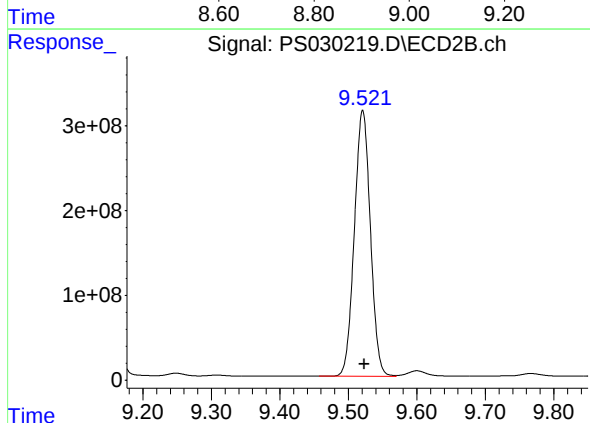
#11 2,4,5-TP (SILVEX)

R.T.: 8.851 min
Delta R.T.: 0.000 min
Response: 8405829173
Conc: 519.01 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167979BS

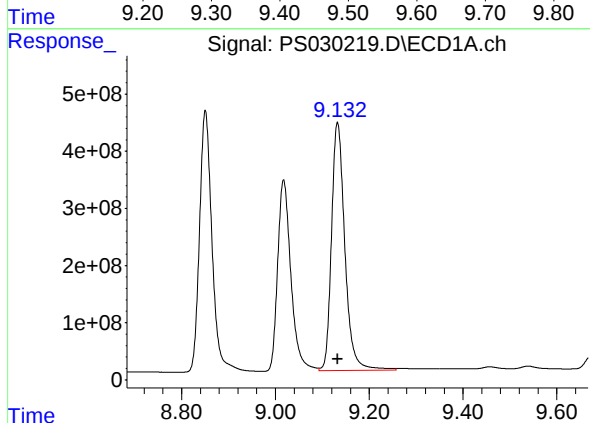
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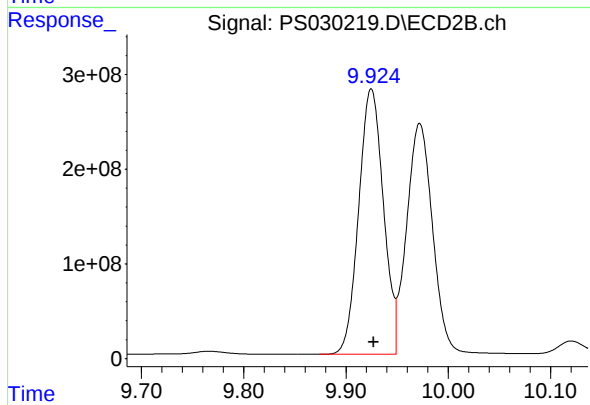
#11 2,4,5-TP (SILVEX)

R.T.: 9.521 min
Delta R.T.: -0.002 min
Response: 5093093990
Conc: 517.04 ng/ml



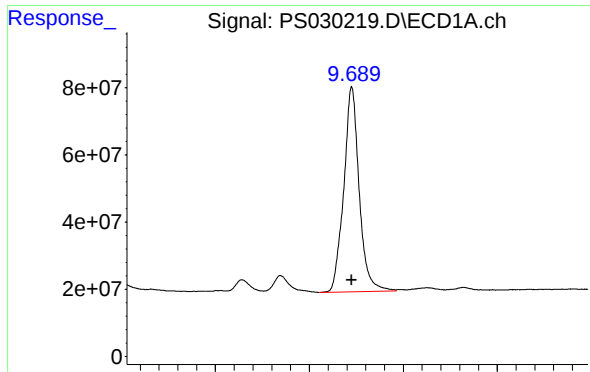
#12 2,4,5-T

R.T.: 9.132 min
Delta R.T.: 0.000 min
Response: 8581546021
Conc: 519.62 ng/ml



#12 2,4,5-T

R.T.: 9.925 min
Delta R.T.: -0.002 min
Response: 4717301904
Conc: 512.55 ng/ml



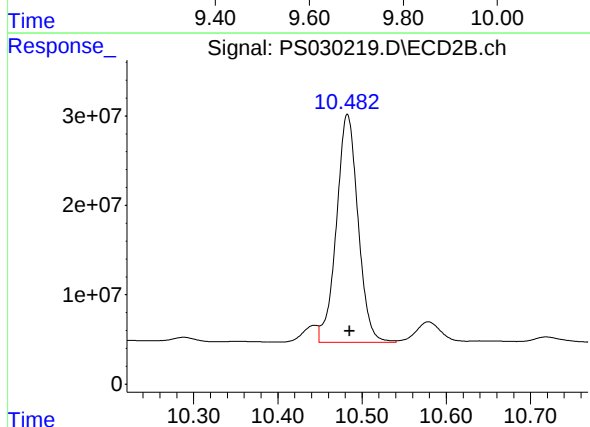
#13 2,4-DB

R.T.: 9.690 min
Delta R.T.: 0.000 min
Response: 1394063276
Conc: 534.17 ng/ml

Instrument :
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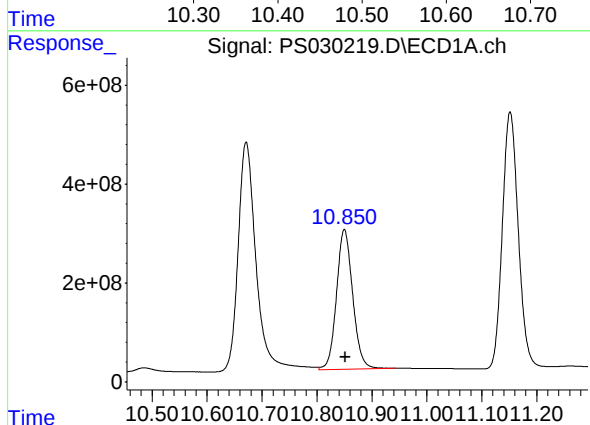
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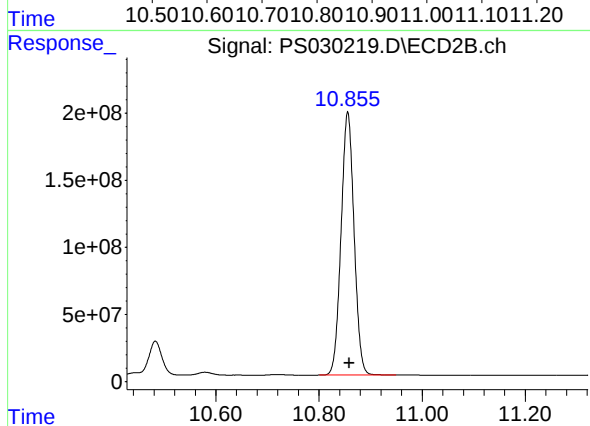
#13 2,4-DB

R.T.: 10.483 min
Delta R.T.: -0.002 min
Response: 455175707
Conc: 458.67 ng/ml



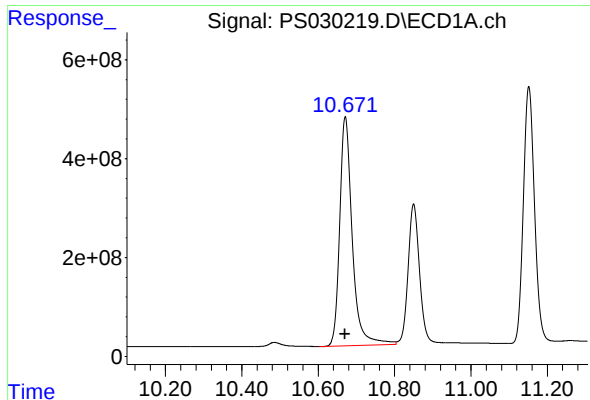
#14 DINOSEB

R.T.: 10.850 min
Delta R.T.: -0.002 min
Response: 5774767477
Conc: 504.95 ng/ml



#14 DINOSEB

R.T.: 10.856 min
Delta R.T.: -0.003 min
Response: 3430013678
Conc: 502.05 ng/ml



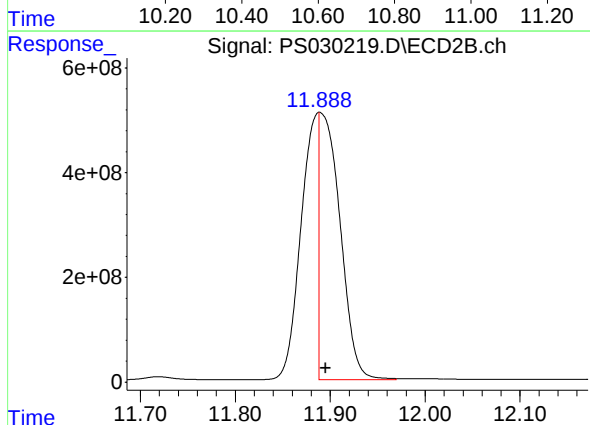
#15 Picloram

R.T.: 10.671 min
Delta R.T.: 0.001 min
Response: 10505318922
Conc: 491.20 ng/ml

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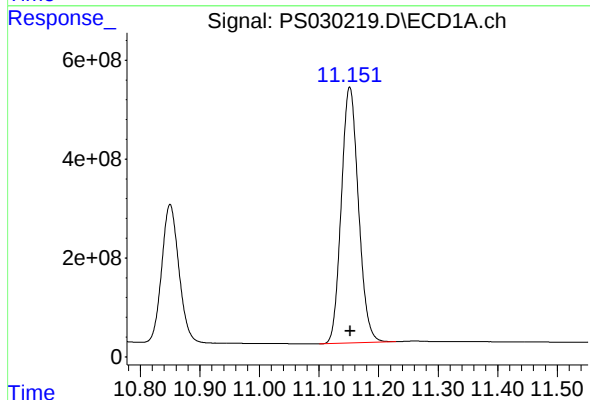
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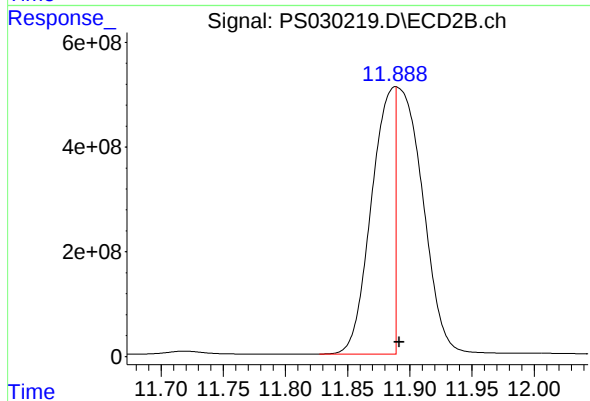
#15 Picloram

R.T.: 11.888 min
Delta R.T.: -0.007 min
Response: 7734768777
Conc: 549.61 ng/ml m



#16 DCPA

R.T.: 11.152 min
Delta R.T.: -0.001 min
Response: 10357379736
Conc: 520.17 ng/ml



#16 DCPA

R.T.: 11.888 min
Delta R.T.: -0.004 min
Response: 6605916870
Conc: 488.95 ng/ml m