

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS062025\
 Data File : PS030781.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Jun 2025 16:30
 Operator : AR\AJ
 Sample : PB168557BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PB168557BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/23/2025
 Supervised By : mohammad ahmed 06/24/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 20 23:01:15 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 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	7.345	7.769	2383.7E6	689.1E6	648.736m	642.853
Target Compounds							
1) T	Dalapon	2.707	2.711	3198.6E6	1410.8E6	536.169	514.552
2) T	3,5-DICHL...	6.504	6.715	4270.2E6	975.6E6	794.084	604.763
3) T	4-Nitroph...	7.145	7.301	990.8E6	1024.9E6	628.398	591.215
5) T	DICAMBA	7.536	7.971	9525.8E6	4047.7E6	626.075	617.667
6) T	MCPD	7.717	8.075	569.8E6	257.7E6	60.692	122.859 #
7) T	MCPA	7.867	8.319	736.6E6	194.6E6	62.794	61.860
8) T	DICHLORPROP	8.249	8.690	2235.4E6	913.7E6	596.769	581.075
9) T	2,4-D	8.482	9.026	2052.9E6	1047.9E6	596.022	616.602m
10) T	Pentachlo...	8.789	9.551	34495.5E6	24404.1E6	651.775	640.156
11) T	2,4,5-TP ...	9.369	9.931	13233.7E6	8771.4E6	660.681	607.912
12) T	2,4,5-T	9.664	10.357	11611.3E6	8698.4E6	705.722	636.564
13) T	2,4-DB	10.241	10.926	1852.9E6	821.5E6	807.897	694.491
14) T	DINOSEB	11.461	11.310	9175.7E6	6723.5E6	661.396	623.625
15) T	Picloram	11.269	12.419	12332.4E6	14703.7E6	767.126m	632.648
16) T	DCPA	11.756	12.356	17753.5E6	10794.6E6	693.056	489.713m#

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

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Sample : PB168557BS
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ALS Vial : 14 Sample Multiplier: 1

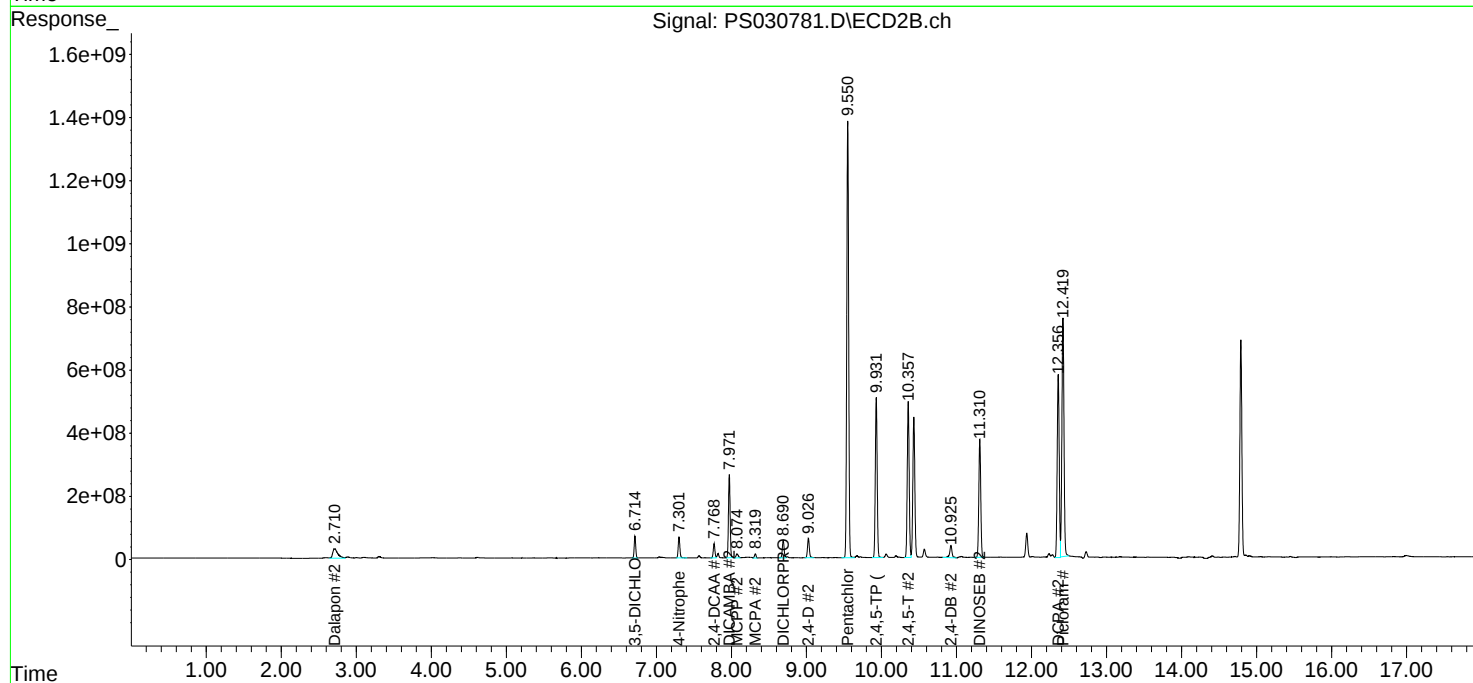
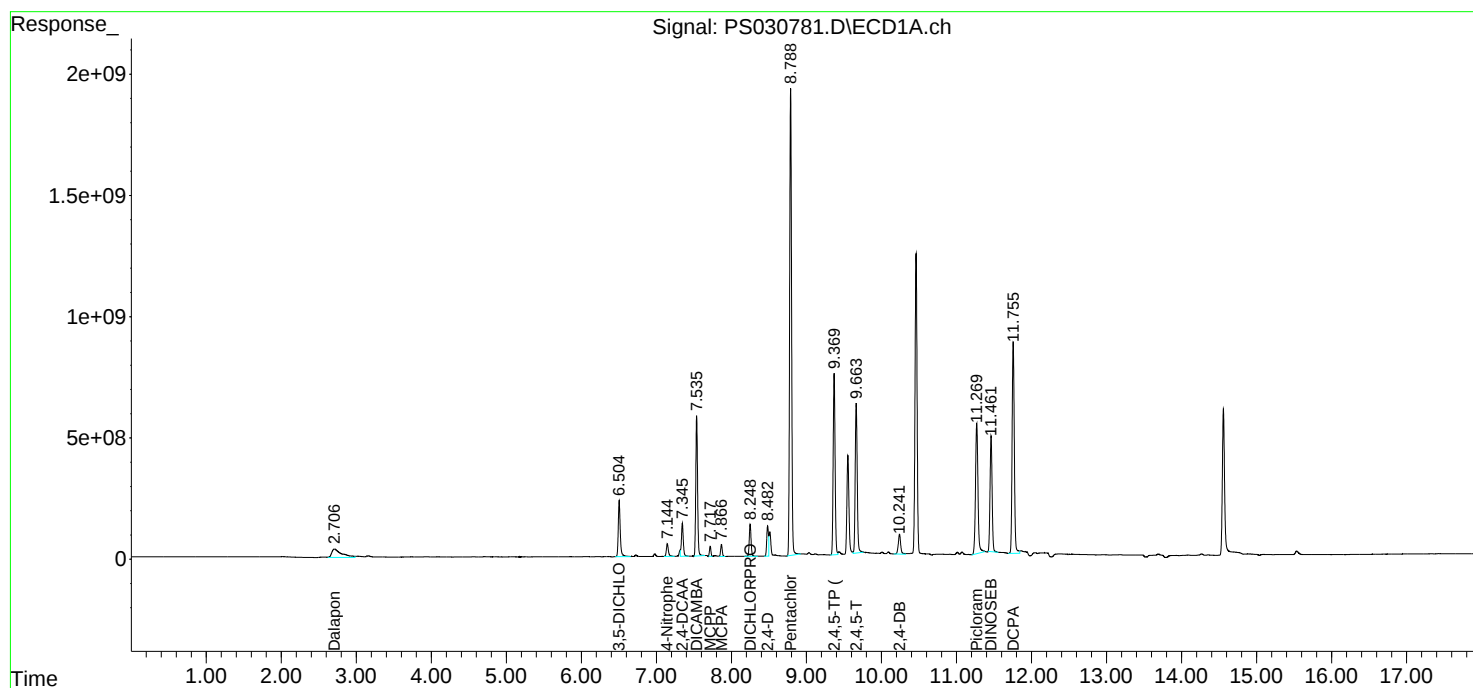
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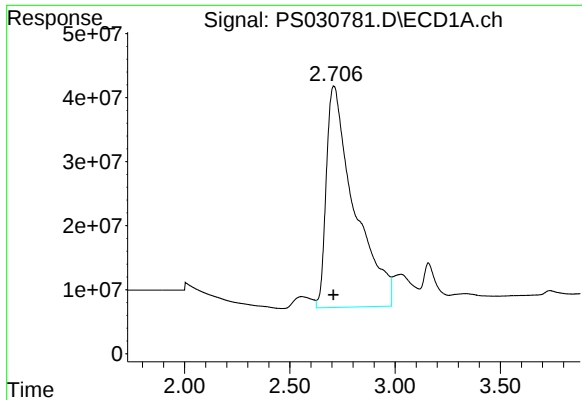
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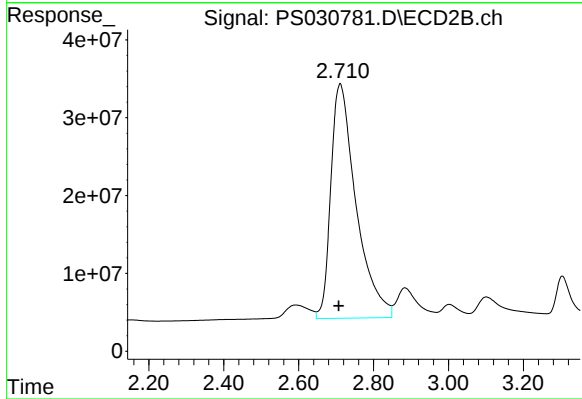
#1 Dalapon

R.T.: 2.707 min
Delta R.T.: 0.000 min
Response: 3198587856
Conc: 536.17 ng/ml

Instrument :
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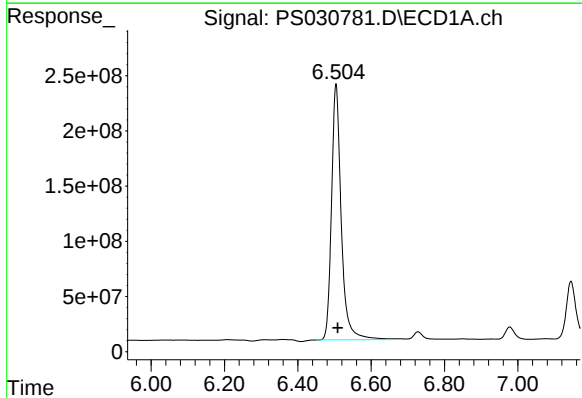
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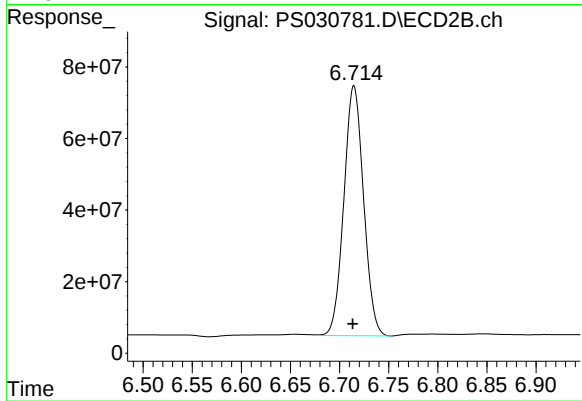
#1 Dalapon

R.T.: 2.711 min
Delta R.T.: 0.003 min
Response: 1410769068
Conc: 514.55 ng/ml



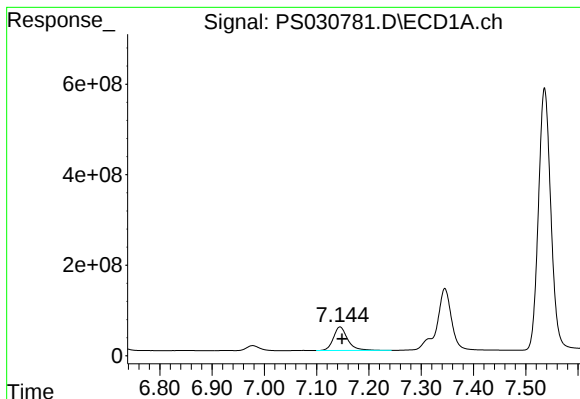
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.504 min
Delta R.T.: -0.005 min
Response: 4270229221
Conc: 794.08 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.715 min
Delta R.T.: 0.001 min
Response: 975573420
Conc: 604.76 ng/ml



#3 4-Nitrophenol

R.T.: 7.145 min
Delta R.T.: -0.004 min
Response: 990837439
Conc: 628.40 ng/ml

Instrument :

ECD_S

ClientSampleId :

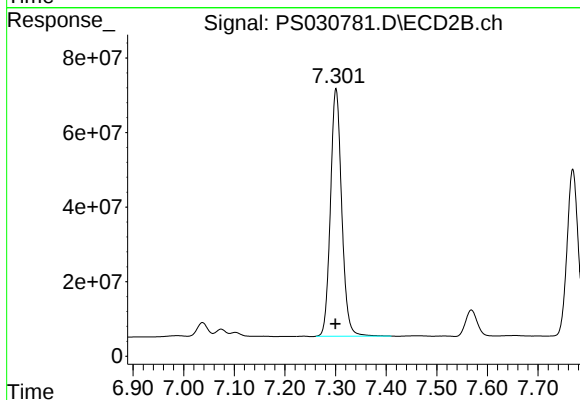
PB168557BS

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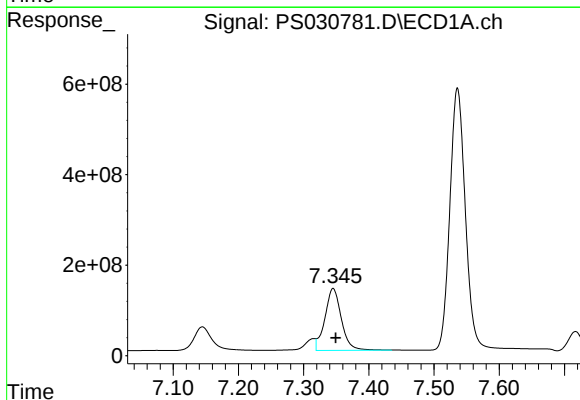
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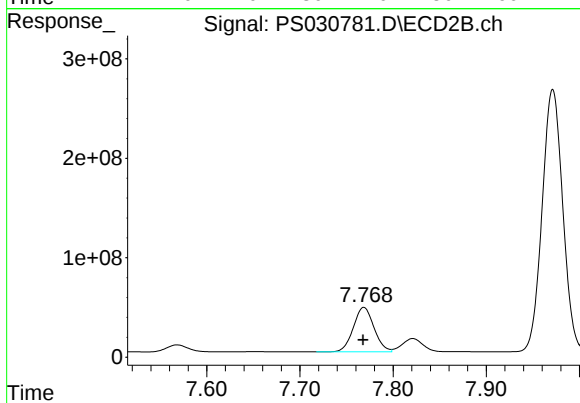
#3 4-Nitrophenol

R.T.: 7.301 min
Delta R.T.: 0.002 min
Response: 1024892850
Conc: 591.22 ng/ml



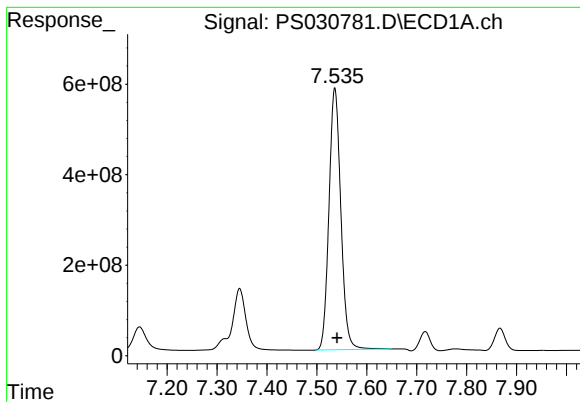
#4 2,4-DCAA

R.T.: 7.345 min
Delta R.T.: -0.005 min
Response: 2383710362
Conc: 648.74 ng/ml m



#4 2,4-DCAA

R.T.: 7.769 min
Delta R.T.: 0.000 min
Response: 689115667
Conc: 642.85 ng/ml



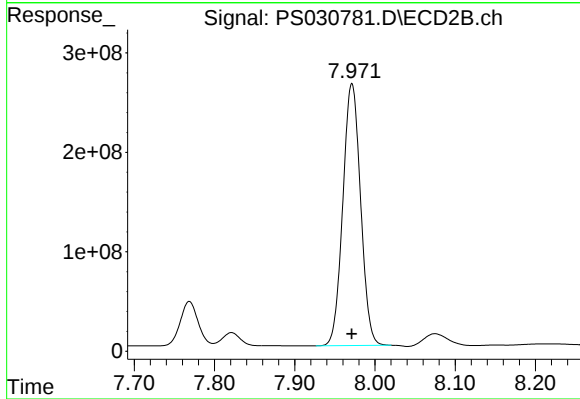
#5 DICAMBA

R.T.: 7.536 min
Delta R.T.: -0.005 min
Response: 9525785988
Conc: 626.07 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168557BS

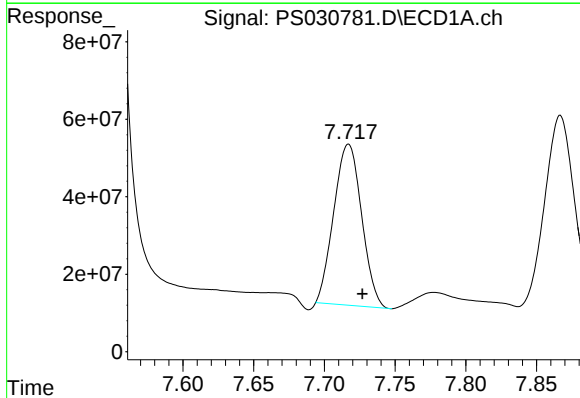
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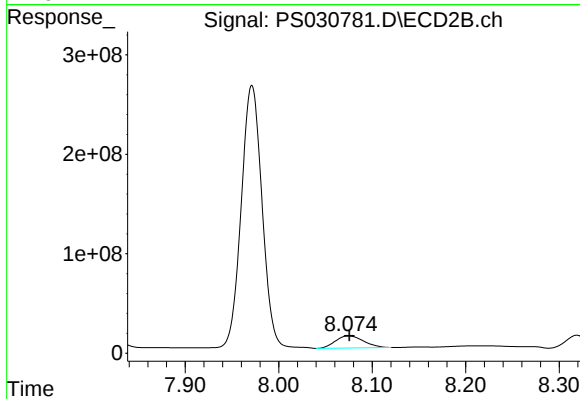
#5 DICAMBA

R.T.: 7.971 min
Delta R.T.: 0.000 min
Response: 4047702782
Conc: 617.67 ng/ml



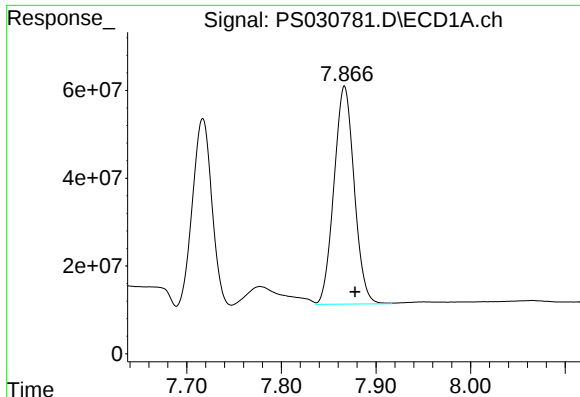
#6 MCPP

R.T.: 7.717 min
Delta R.T.: -0.010 min
Response: 569802312
Conc: 60.69 ug/ml



#6 MCPP

R.T.: 8.075 min
Delta R.T.: 0.000 min
Response: 257674068
Conc: 122.86 ug/ml



#7 MCPA

R.T.: 7.867 min
Delta R.T.: -0.011 min
Response: 736613411
Conc: 62.79 ug/ml

Instrument :

ECD_S

ClientSampleId :

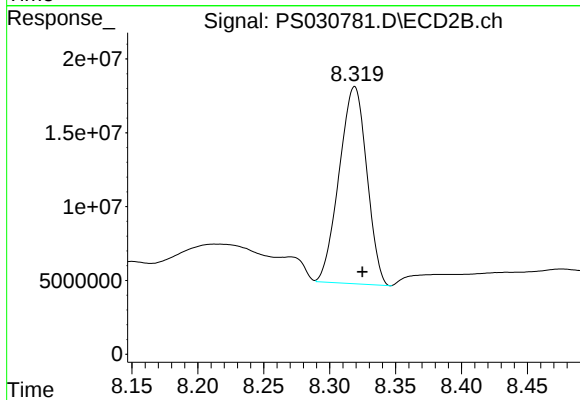
PB168557BS

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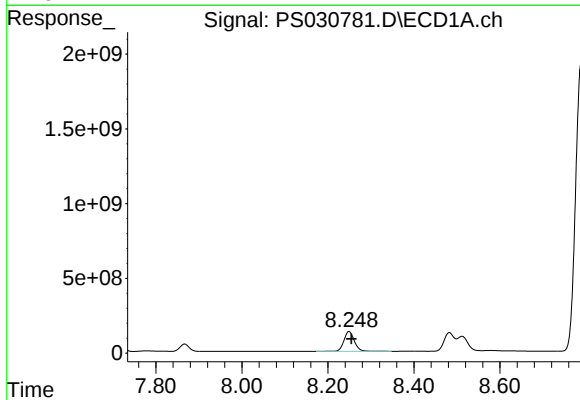
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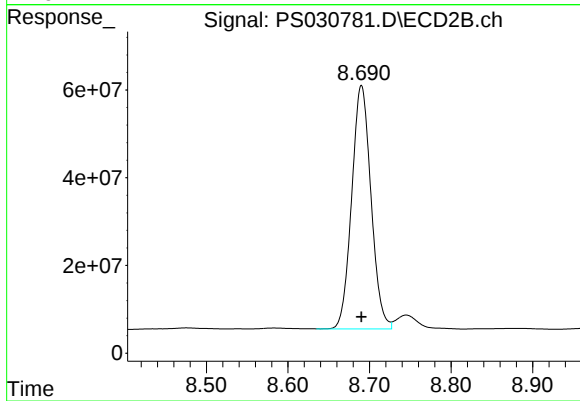
#7 MCPA

R.T.: 8.319 min
Delta R.T.: -0.006 min
Response: 194597057
Conc: 61.86 ug/ml



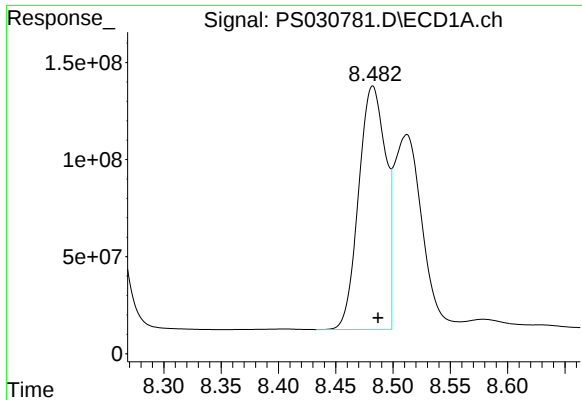
#8 DICHLORPROP

R.T.: 8.249 min
Delta R.T.: -0.006 min
Response: 2235355035
Conc: 596.77 ng/ml



#8 DICHLORPROP

R.T.: 8.690 min
Delta R.T.: 0.000 min
Response: 913737303
Conc: 581.07 ng/ml



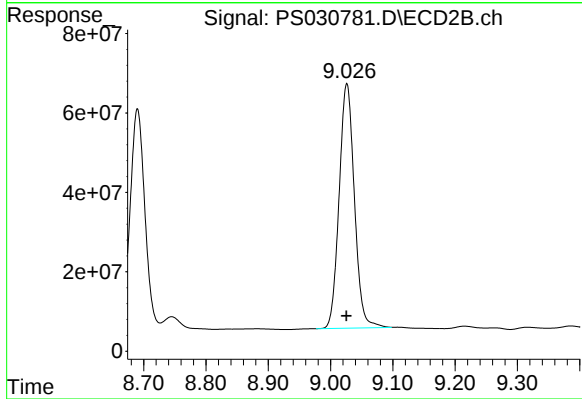
#9 2,4-D

R.T.: 8.482 min
Delta R.T.: -0.005 min
Response: 2052945742
Conc: 596.02 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168557BS

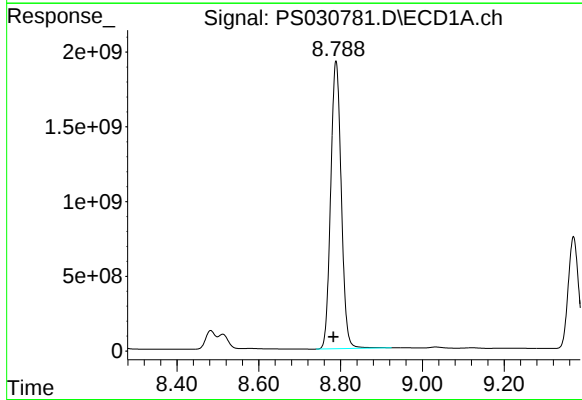
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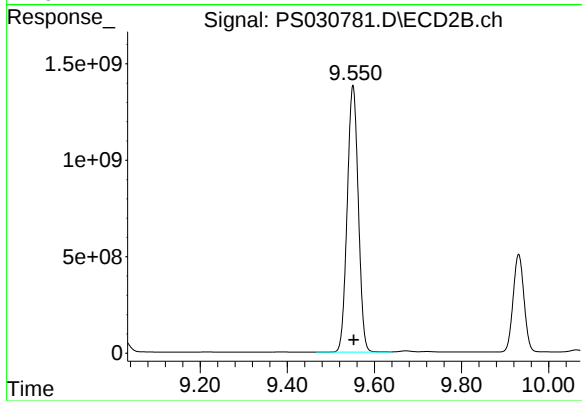
#9 2,4-D

R.T.: 9.026 min
Delta R.T.: 0.000 min
Response: 1047855829
Conc: 616.60 ng/ml m



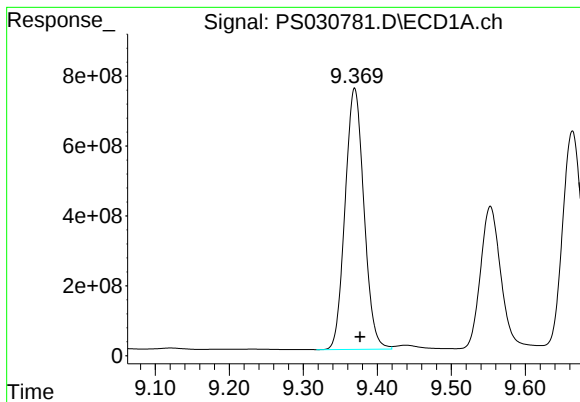
#10 Pentachlorophenol

R.T.: 8.789 min
Delta R.T.: 0.006 min
Response: 34495488515
Conc: 651.78 ng/ml



#10 Pentachlorophenol

R.T.: 9.551 min
Delta R.T.: -0.002 min
Response: 24404083976
Conc: 640.16 ng/ml



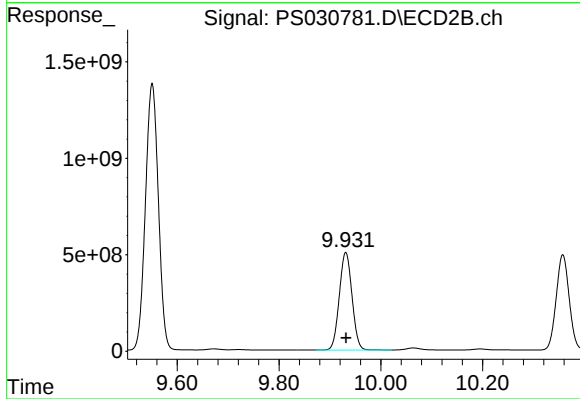
#11 2,4,5-TP (SILVEX)

R.T.: 9.369 min
Delta R.T.: -0.007 min
Response: 13233707022
Conc: 660.68 ng/ml

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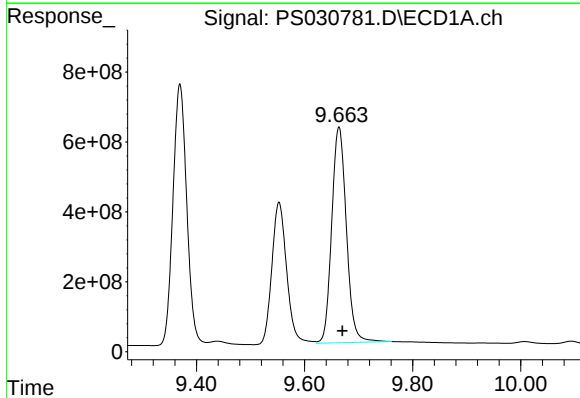
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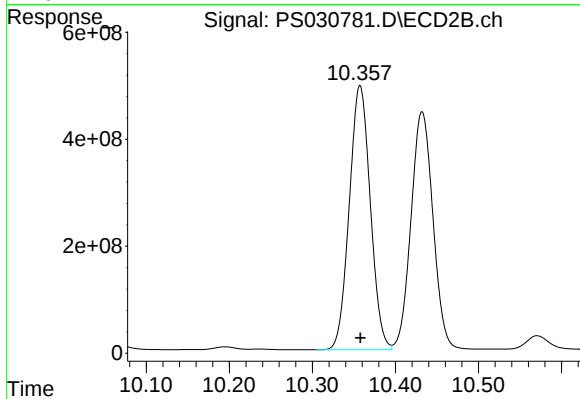
#11 2,4,5-TP (SILVEX)

R.T.: 9.931 min
Delta R.T.: 0.000 min
Response: 8771384054
Conc: 607.91 ng/ml



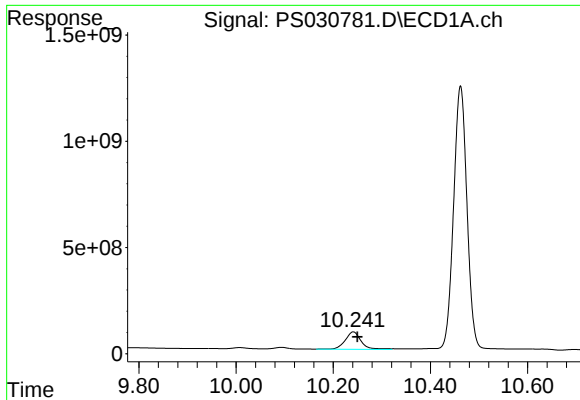
#12 2,4,5-T

R.T.: 9.664 min
Delta R.T.: -0.007 min
Response: 11611349073
Conc: 705.72 ng/ml



#12 2,4,5-T

R.T.: 10.357 min
Delta R.T.: 0.000 min
Response: 8698414574
Conc: 636.56 ng/ml



#13 2,4-DB

R.T.: 10.241 min
Delta R.T.: -0.009 min
Response: 1852913058
Conc: 807.90 ng/ml

Instrument :

ECD_S

ClientSampleId :

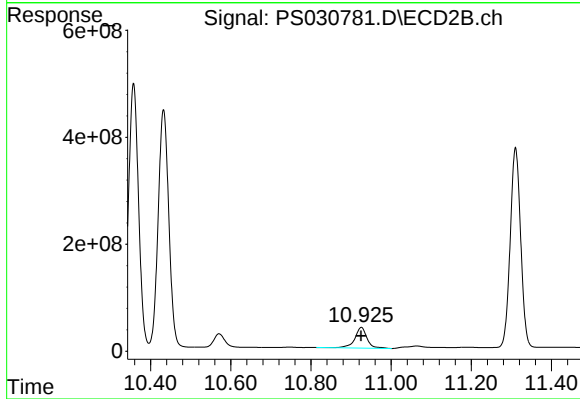
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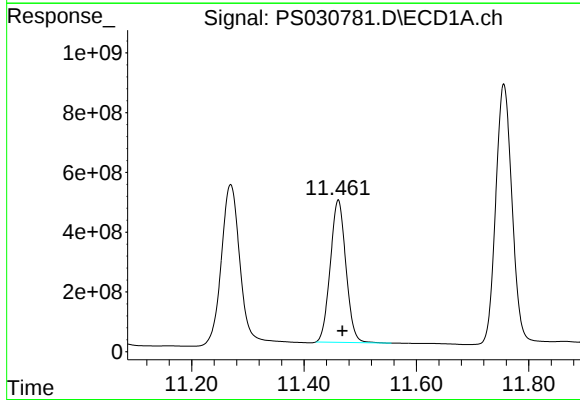
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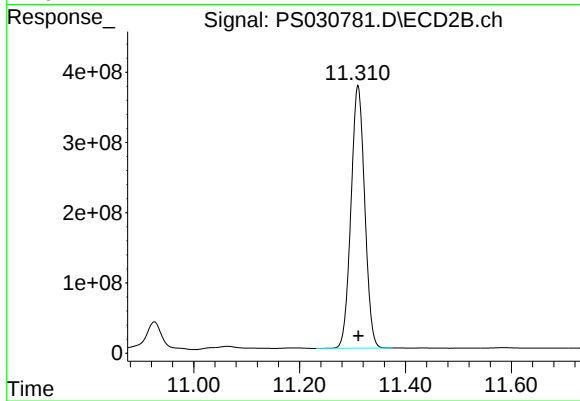
#13 2,4-DB

R.T.: 10.926 min
Delta R.T.: 0.000 min
Response: 821515507
Conc: 694.49 ng/ml



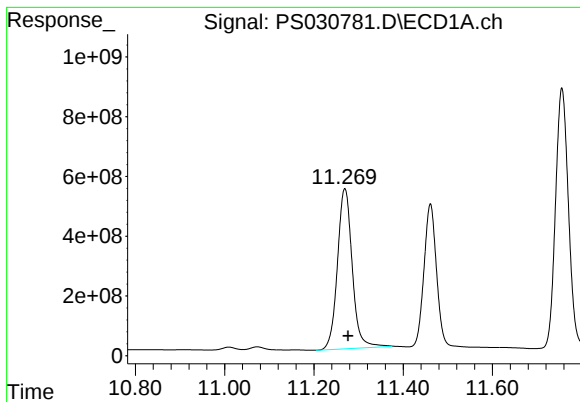
#14 DINOSEB

R.T.: 11.461 min
Delta R.T.: -0.007 min
Response: 9175665972
Conc: 661.40 ng/ml



#14 DINOSEB

R.T.: 11.310 min
Delta R.T.: 0.000 min
Response: 6723456532
Conc: 623.63 ng/ml



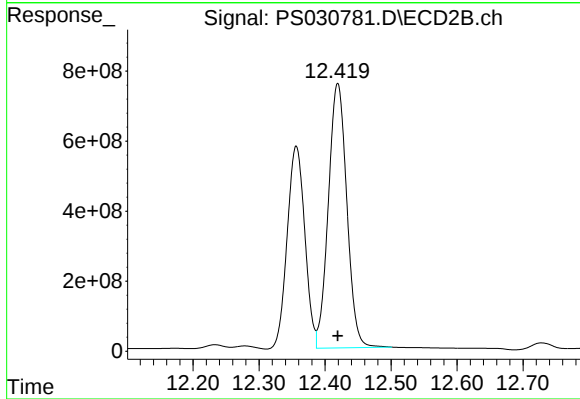
#15 Picloram

R.T.: 11.269 min
Delta R.T.: -0.007 min
Response: 12332397962
Conc: 767.13 ng/ml

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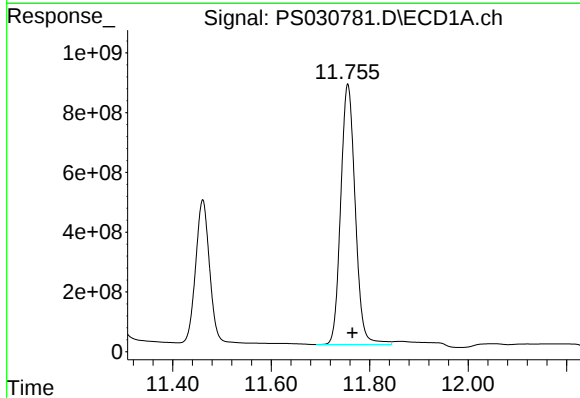
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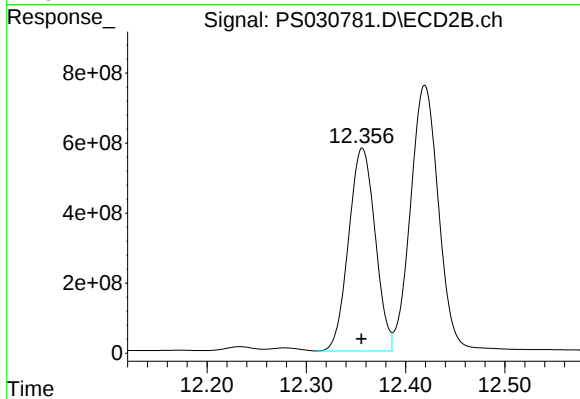
#15 Picloram

R.T.: 12.419 min
Delta R.T.: 0.000 min
Response: 14703650632
Conc: 632.65 ng/ml



#16 DCPA

R.T.: 11.756 min
Delta R.T.: -0.009 min
Response: 17753509861
Conc: 693.06 ng/ml



#16 DCPA

R.T.: 12.356 min
Delta R.T.: 0.000 min
Response: 10794645418
Conc: 489.71 ng/ml m