

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS082925\
 Data File : PS031561.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Aug 2025 13:50
 Operator : AR\AJ
 Sample : PB169457BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PB169457BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/02/2025
 Supervised By :mohammad ahmed 09/03/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 30 06:13:16 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS080725.M
 Quant Title : 8080.M
 QLast Update : Fri Aug 08 03:17:54 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	7.287	7.744	1790.0E6	442.7E6	563.944	523.697
Target Compounds							
1) T	Dalapon	2.672	2.693	2219.3E6	1080.5E6	422.809	406.030
2) T	3,5-DICHL...	6.454	6.695	2424.5E6	620.4E6	513.858	458.877
3) T	4-Nitroph...	7.098	7.299	509.1E6	428.4E6	493.487	340.819 #
5) T	DICAMBA	7.471	7.938	7077.4E6	2735.1E6	506.743	481.305
6) T	MCPD	7.647	8.033	396.7E6	99517359	49.315m	56.293m
7) T	MCPA	7.796	8.281	480.9E6	121.0E6	48.277	43.146
8) T	DICHLORPROP	8.179	8.658	1658.7E6	661.4E6	522.849	495.423
9) T	2,4-D	8.416	9.003	1481.4E6	656.7E6	514.936	460.138
10) T	Pentachlo...	8.710	9.508	27465.6E6	18414.6E6	572.052	528.724
11) T	2,4,5-TP ...	9.288	9.893	9930.8E6	6555.5E6	554.061	499.808
12) T	2,4,5-T	9.586	10.323	8413.2E6	5630.2E6	574.234	475.530
13) T	2,4-DB	10.161	10.893	854.2E6	471.7E6	444.491m	488.874m
14) T	DINOSEB	11.359	11.266	6798.1E6	4521.2E6	536.191	478.082
15) T	Picloram	11.192	12.392	6323.7E6	6937.5E6	484.422m	395.756
16) T	DCPA	11.657	12.307	13310.7E6	10742.1E6	584.332m	545.273m

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

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Operator : AR\AJ
Sample : PB169457BS
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ALS Vial : 5 Sample Multiplier: 1

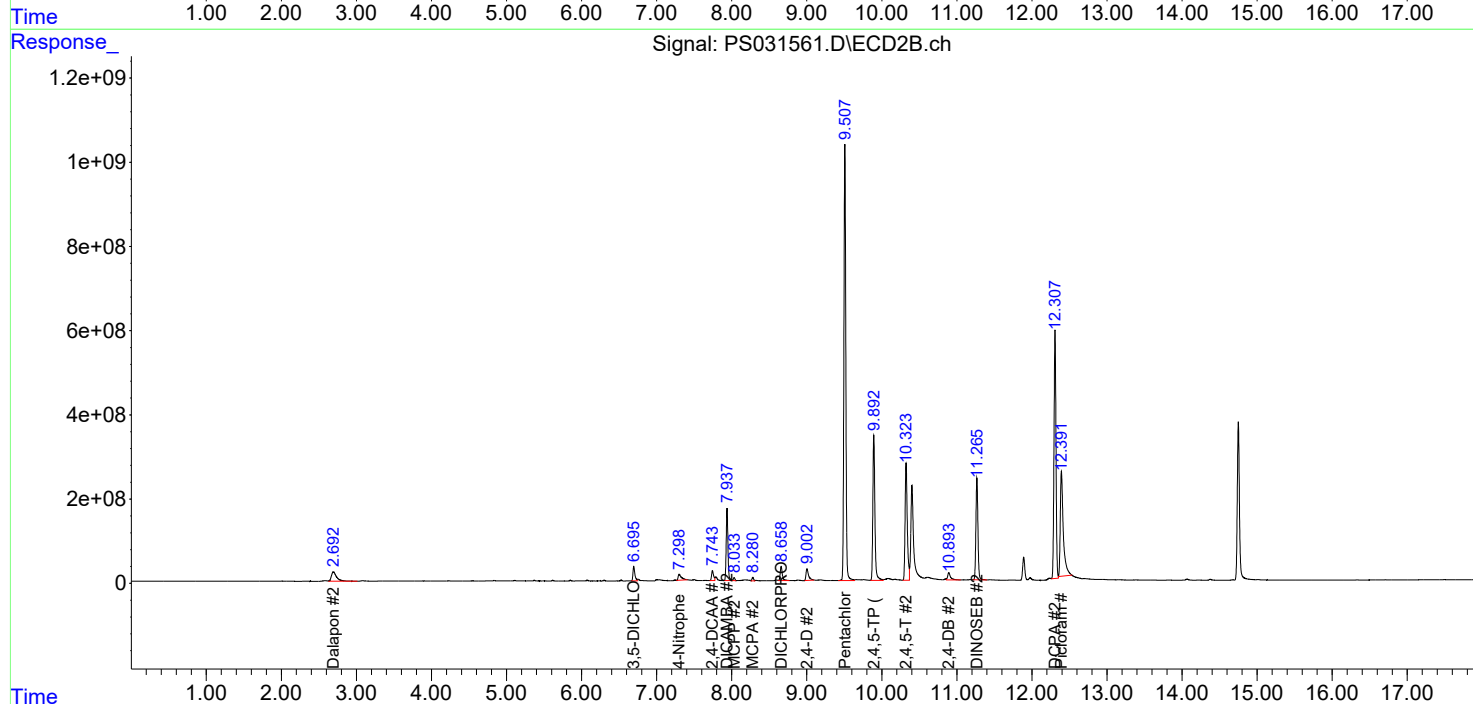
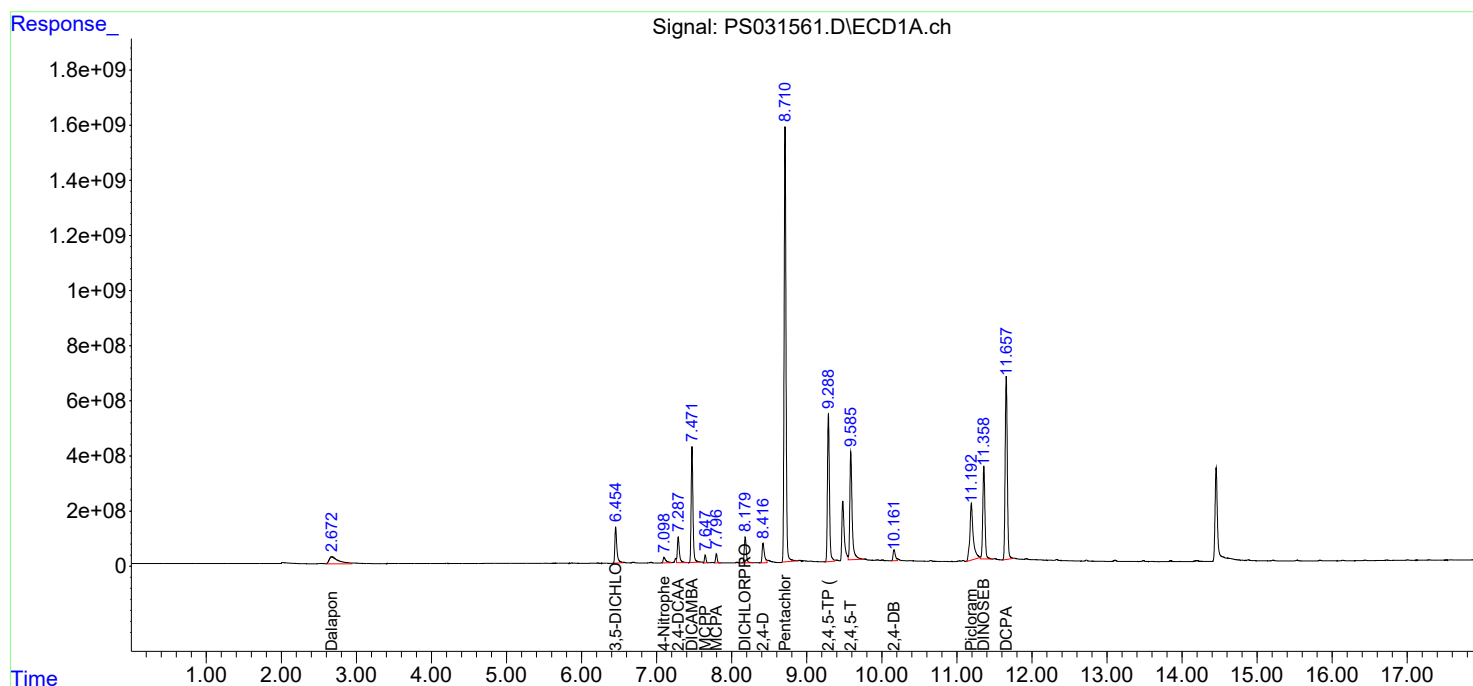
Instrument :
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ClientSampleId :
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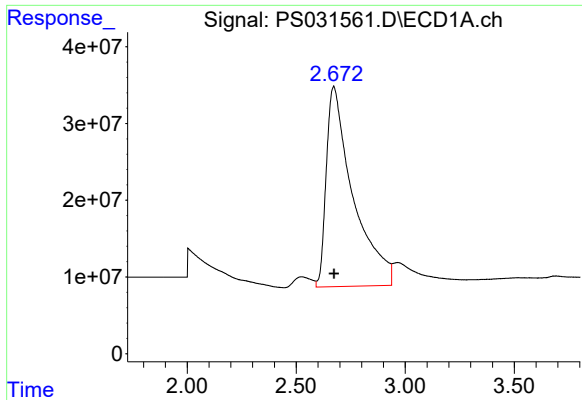
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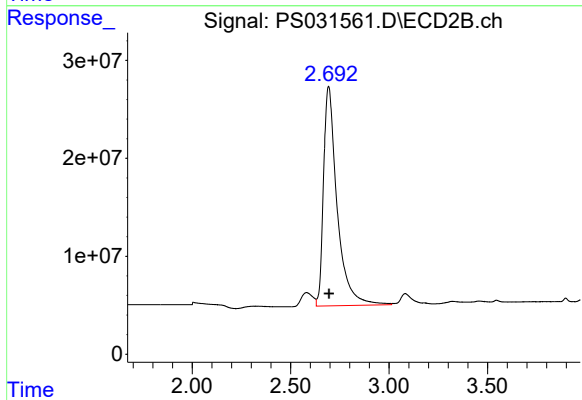
#1 Dalapon

R.T.: 2.672 min
Delta R.T.: -0.002 min
Response: 2219297458
Conc: 422.81 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB169457BS

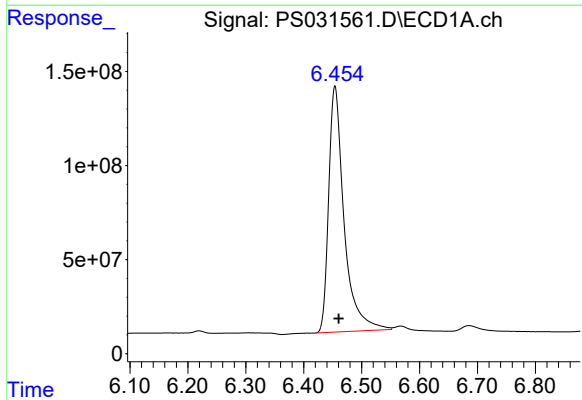
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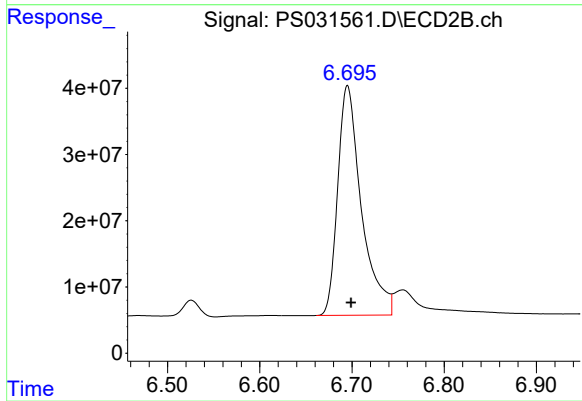
#1 Dalapon

R.T.: 2.693 min
Delta R.T.: -0.002 min
Response: 1080450915
Conc: 406.03 ng/ml



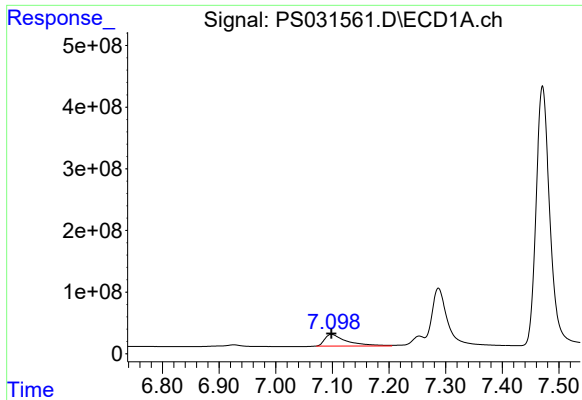
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.454 min
Delta R.T.: -0.007 min
Response: 2424543670
Conc: 513.86 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.695 min
Delta R.T.: -0.004 min
Response: 620369777
Conc: 458.88 ng/ml



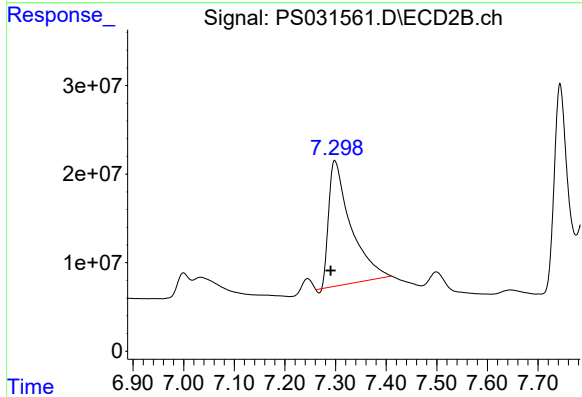
#3 4-Nitrophenol

R.T.: 7.098 min
Delta R.T.: 0.000 min
Response: 509120670
Conc: 493.49 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB169457BS

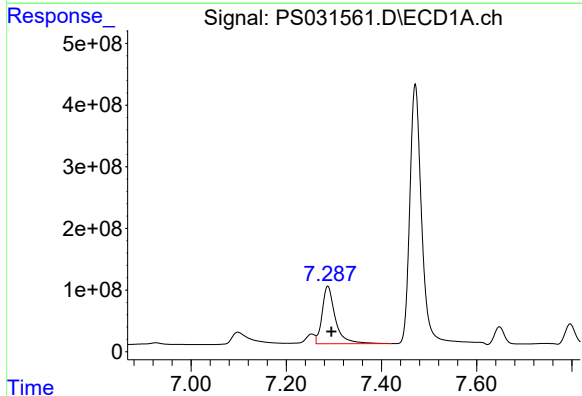
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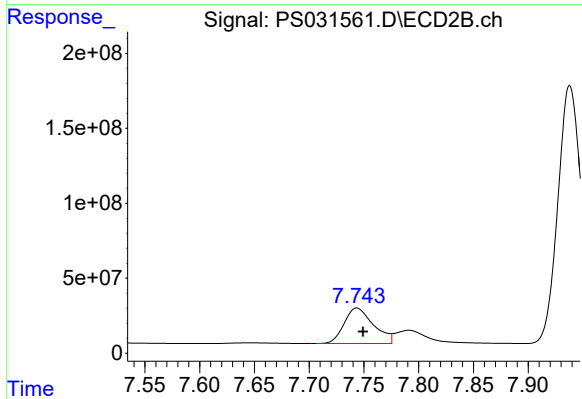
#3 4-Nitrophenol

R.T.: 7.299 min
Delta R.T.: 0.008 min
Response: 428372626
Conc: 340.82 ng/ml



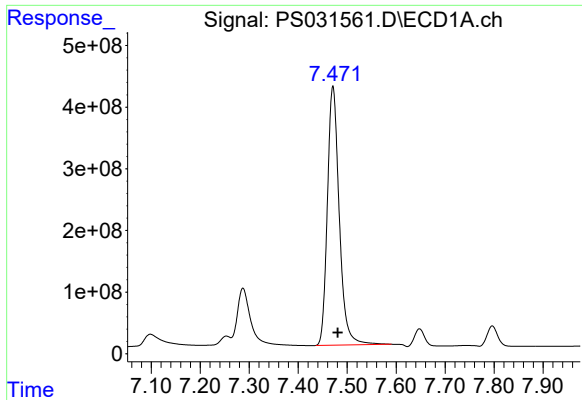
#4 2,4-DCAA

R.T.: 7.287 min
Delta R.T.: -0.008 min
Response: 1789951781
Conc: 563.94 ng/ml



#4 2,4-DCAA

R.T.: 7.744 min
Delta R.T.: -0.006 min
Response: 442701677
Conc: 523.70 ng/ml



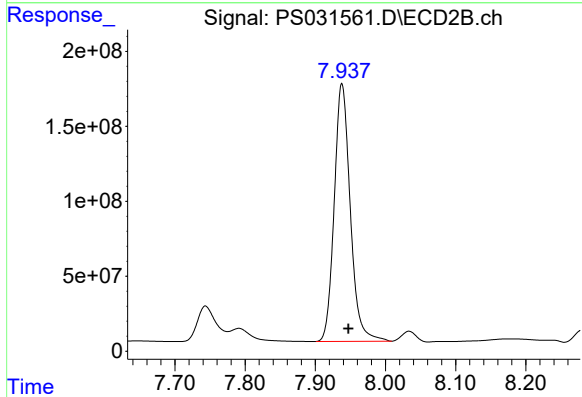
#5 DICAMBA

R.T.: 7.471 min
Delta R.T.: -0.010 min
Response: 7077408402
Conc: 506.74 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB169457BS

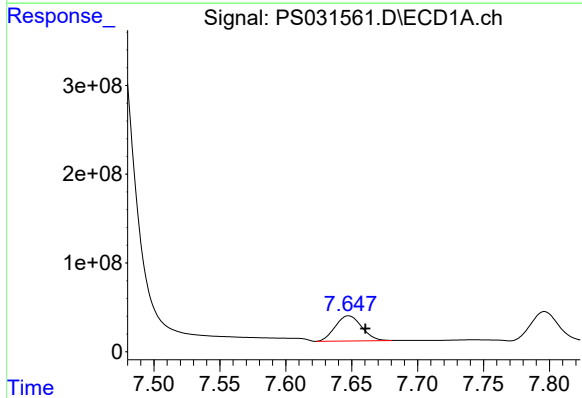
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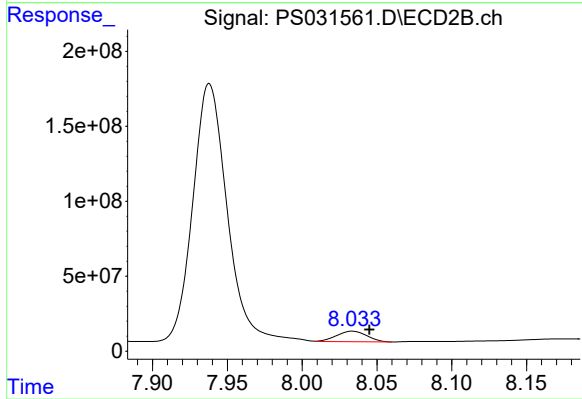
#5 DICAMBA

R.T.: 7.938 min
Delta R.T.: -0.009 min
Response: 2735108957
Conc: 481.31 ng/ml



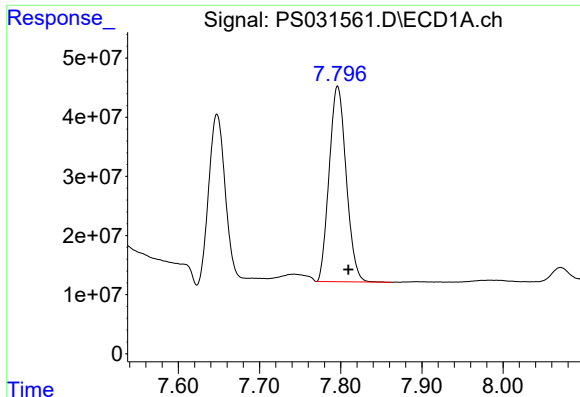
#6 MCP

R.T.: 7.647 min
Delta R.T.: -0.014 min
Response: 396731048
Conc: 49.31 ug/ml m



#6 MCP

R.T.: 8.033 min
Delta R.T.: -0.012 min
Response: 99517359
Conc: 56.29 ug/ml m



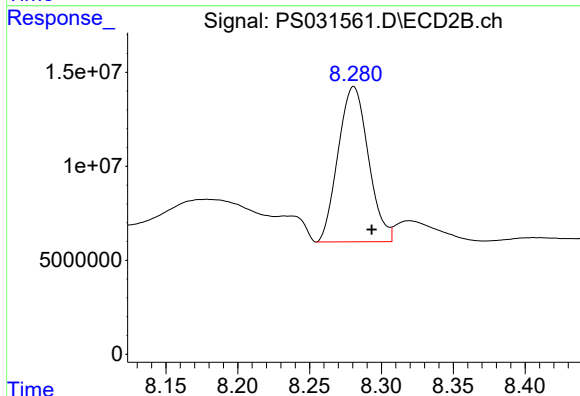
#7 MCPA

R.T.: 7.796 min
Delta R.T.: -0.013 min
Response: 480902875
Conc: 48.28 ug/ml

Instrument :
ECD_S
ClientSampleId :
PB169457BS

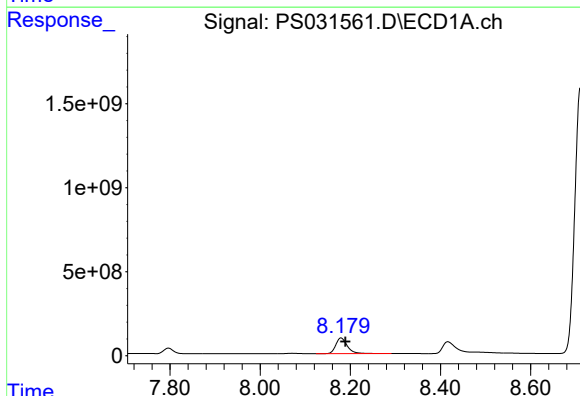
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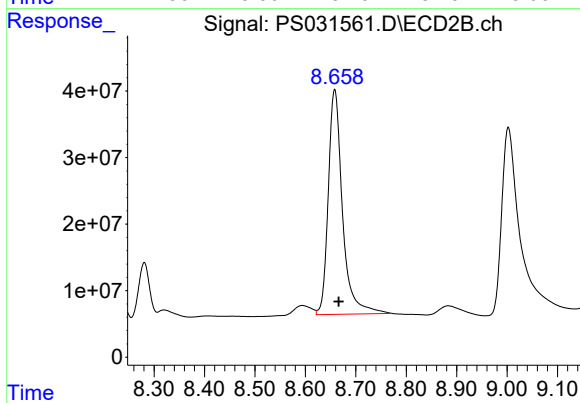
#7 MCPA

R.T.: 8.281 min
Delta R.T.: -0.013 min
Response: 121047719
Conc: 43.15 ug/ml



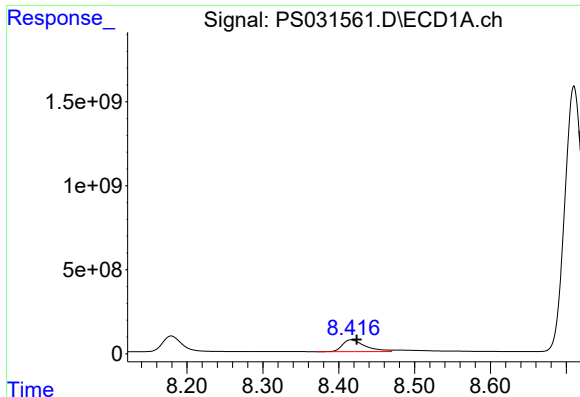
#8 DICHLORPROP

R.T.: 8.179 min
Delta R.T.: -0.010 min
Response: 1658701915
Conc: 522.85 ng/ml



#8 DICHLORPROP

R.T.: 8.658 min
Delta R.T.: -0.008 min
Response: 661406225
Conc: 495.42 ng/ml



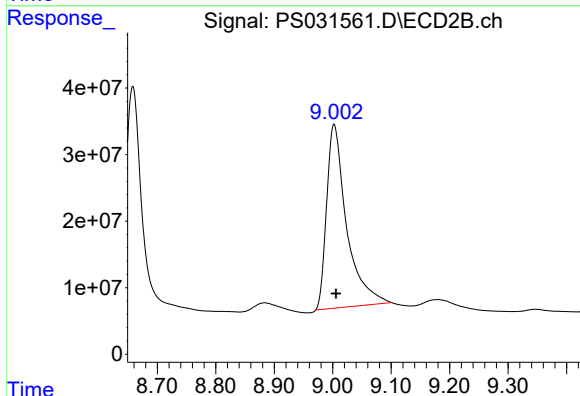
#9 2,4-D

R.T.: 8.416 min
Delta R.T.: -0.007 min
Response: 1481374718
Conc: 514.94 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB169457BS

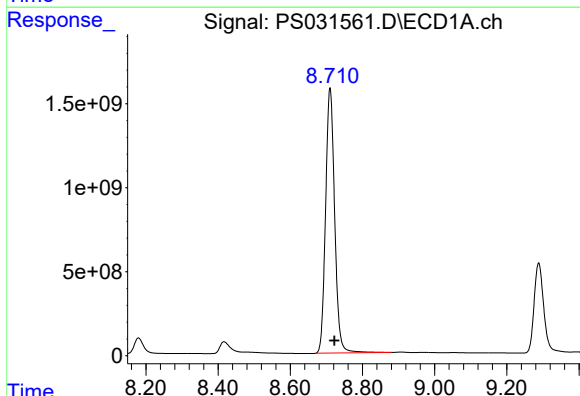
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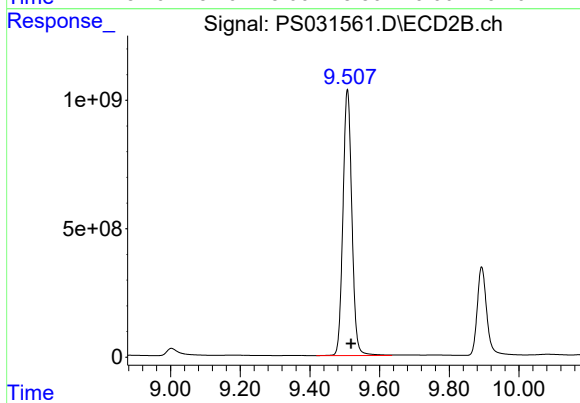
#9 2,4-D

R.T.: 9.003 min
Delta R.T.: -0.003 min
Response: 656748185
Conc: 460.14 ng/ml



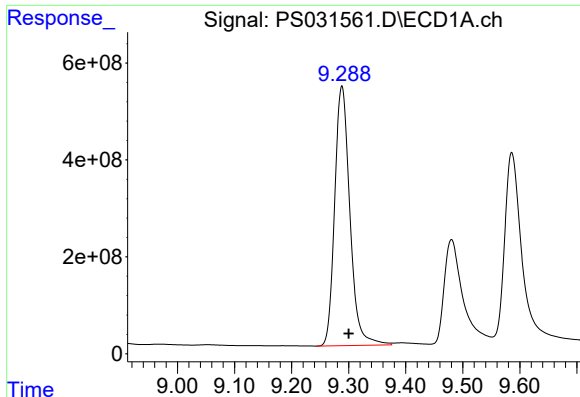
#10 Pentachlorophenol

R.T.: 8.710 min
Delta R.T.: -0.012 min
Response: 27465585180
Conc: 572.05 ng/ml



#10 Pentachlorophenol

R.T.: 9.508 min
Delta R.T.: -0.011 min
Response: 18414625143
Conc: 528.72 ng/ml



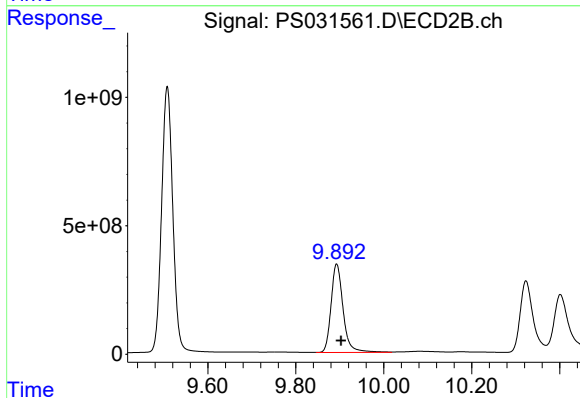
#11 2,4,5-TP (SILVEX)

R.T.: 9.288 min
Delta R.T.: -0.012 min
Response: 9930833647
Conc: 554.06 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB169457BS

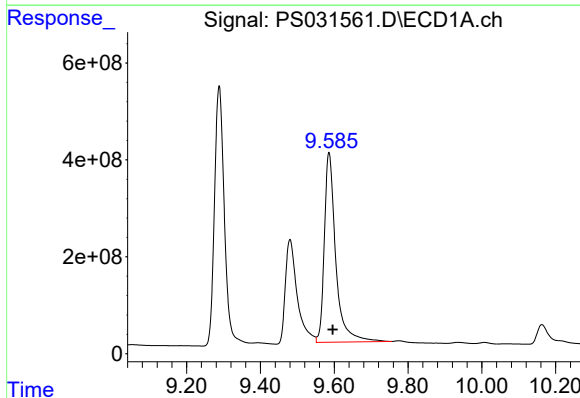
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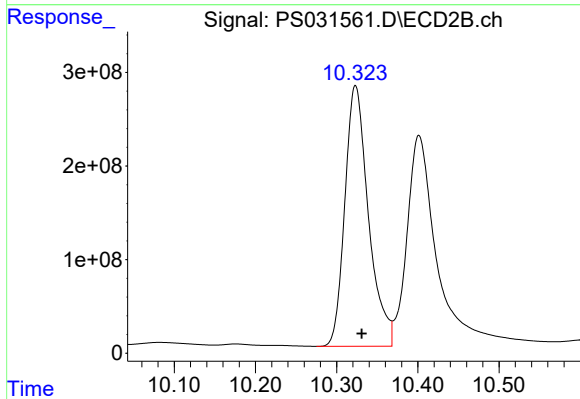
#11 2,4,5-TP (SILVEX)

R.T.: 9.893 min
Delta R.T.: -0.010 min
Response: 6555495481
Conc: 499.81 ng/ml



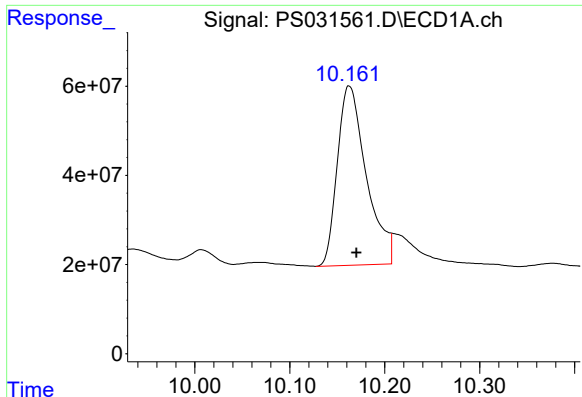
#12 2,4,5-T

R.T.: 9.586 min
Delta R.T.: -0.010 min
Response: 8413228507
Conc: 574.23 ng/ml



#12 2,4,5-T

R.T.: 10.323 min
Delta R.T.: -0.008 min
Response: 5630163888
Conc: 475.53 ng/ml



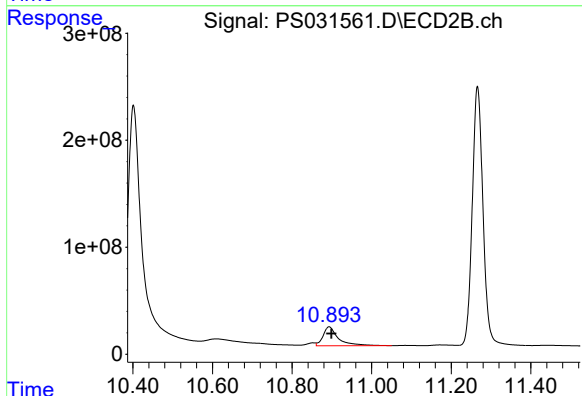
#13 2,4-DB

R.T.: 10.161 min
Delta R.T.: -0.009 min
Response: 854187706
Conc: 444.49 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB169457BS

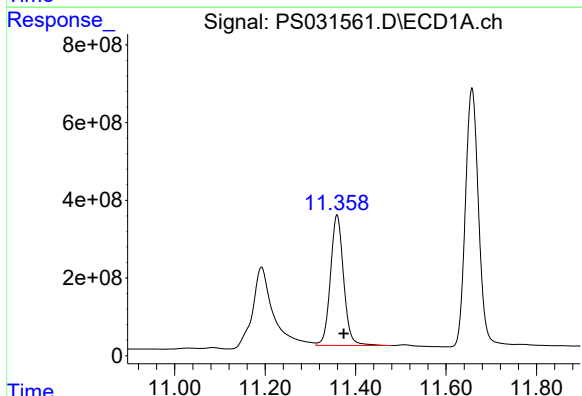
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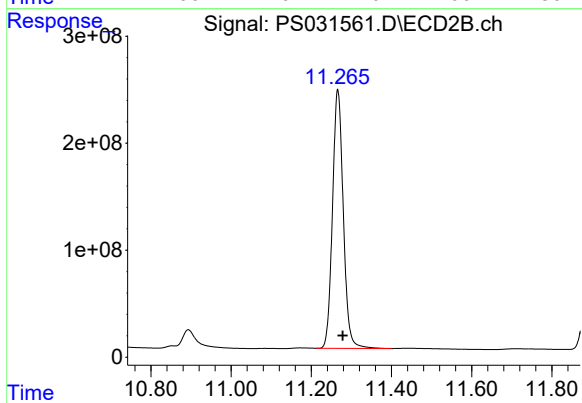
#13 2,4-DB

R.T.: 10.893 min
Delta R.T.: -0.007 min
Response: 471687800
Conc: 488.87 ng/ml m



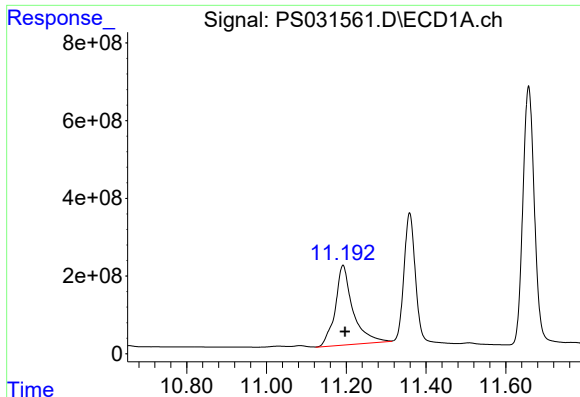
#14 DINOSEB

R.T.: 11.359 min
Delta R.T.: -0.015 min
Response: 6798086106
Conc: 536.19 ng/ml



#14 DINOSEB

R.T.: 11.266 min
Delta R.T.: -0.012 min
Response: 4521197154
Conc: 478.08 ng/ml



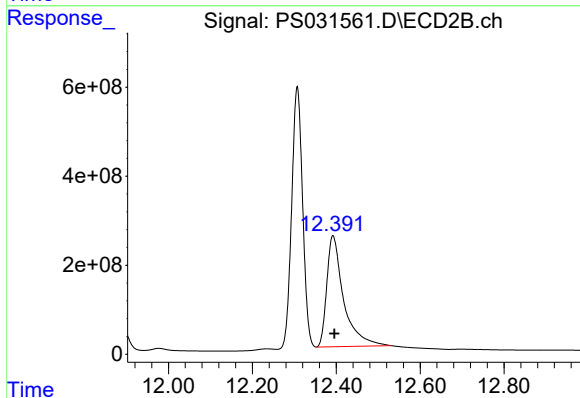
#15 Picloram

R.T.: 11.192 min
Delta R.T.: -0.005 min
Response: 6323722351
Conc: 484.42 ng/ml

Instrument :
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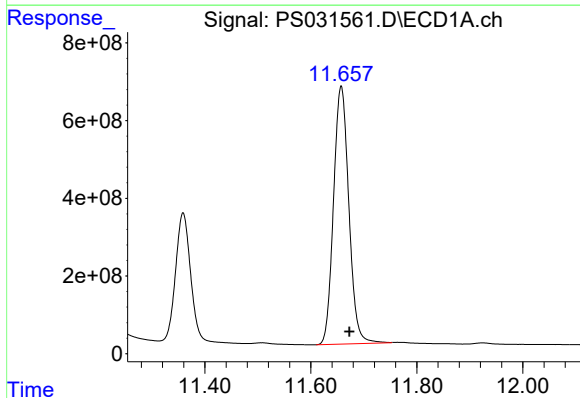
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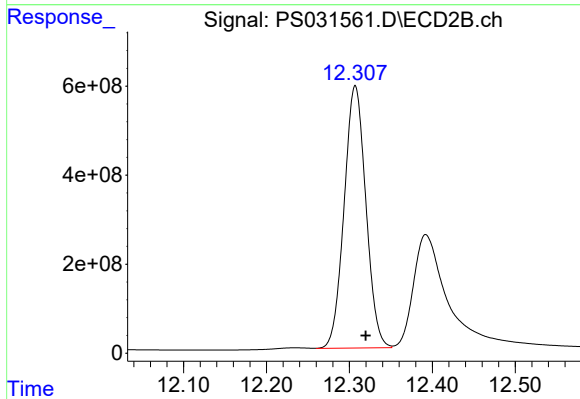
#15 Picloram

R.T.: 12.392 min
Delta R.T.: -0.003 min
Response: 6937501638
Conc: 395.76 ng/ml



#16 DCPA

R.T.: 11.657 min
Delta R.T.: -0.016 min
Response: 13310696459
Conc: 584.33 ng/ml m



#16 DCPA

R.T.: 12.307 min
Delta R.T.: -0.013 min
Response: 10742087136
Conc: 545.27 ng/ml m