

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS082525\
 Data File : PS031530.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Aug 2025 16:37
 Operator : AR\AJ
 Sample : PB169371BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PB169371BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 08/26/2025
 Supervised By : mohammad ahmed 08/27/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 26 03:01:48 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	7.289	7.744	1881.2E6	438.4E6	592.704	518.554
Target Compounds							
1) T	Dalapon	2.670	2.693	2459.6E6	1202.3E6	468.582	451.804
2) T	3,5-DICHL...	6.455	6.696	2601.1E6	716.9E6	551.278	530.249
3) T	4-Nitroph...	7.100	7.298	571.7E6	519.9E6	554.135	413.665 #
5) T	DICAMBA	7.473	7.940	7587.6E6	2907.3E6	543.273	511.610
6) T	MCPD	7.650	8.035	383.1E6	92541231	47.615	52.347m
7) T	MCPA	7.799	8.282	524.0E6	130.2E6	52.601	46.394
8) T	DICHLORPROP	8.181	8.660	1758.4E6	688.5E6	554.271	515.698
9) T	2,4-D	8.419	9.003	1679.6E6	702.7E6	583.854	492.333
10) T	Pentachlo...	8.713	9.510	29142.9E6	19296.1E6	606.986	554.034
11) T	2,4,5-TP ...	9.291	9.895	10505.2E6	6936.4E6	586.108	528.852
12) T	2,4,5-T	9.588	10.325	9071.6E6	5987.0E6	619.168	505.672
13) T	2,4-DB	10.165	10.894	1076.6E6	444.8E6	560.252	460.988
14) T	DINOSEB	11.362	11.269	7474.8E6	4902.7E6	589.565	518.425
15) T	Picloram	11.195	12.394	6342.7E6	7019.0E6	485.872m	400.408
16) T	DCPA	11.660	12.310	13964.5E6	11309.5E6	613.032m	574.077m

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

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Sample : PB169371BS
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ALS Vial : 5 Sample Multiplier: 1

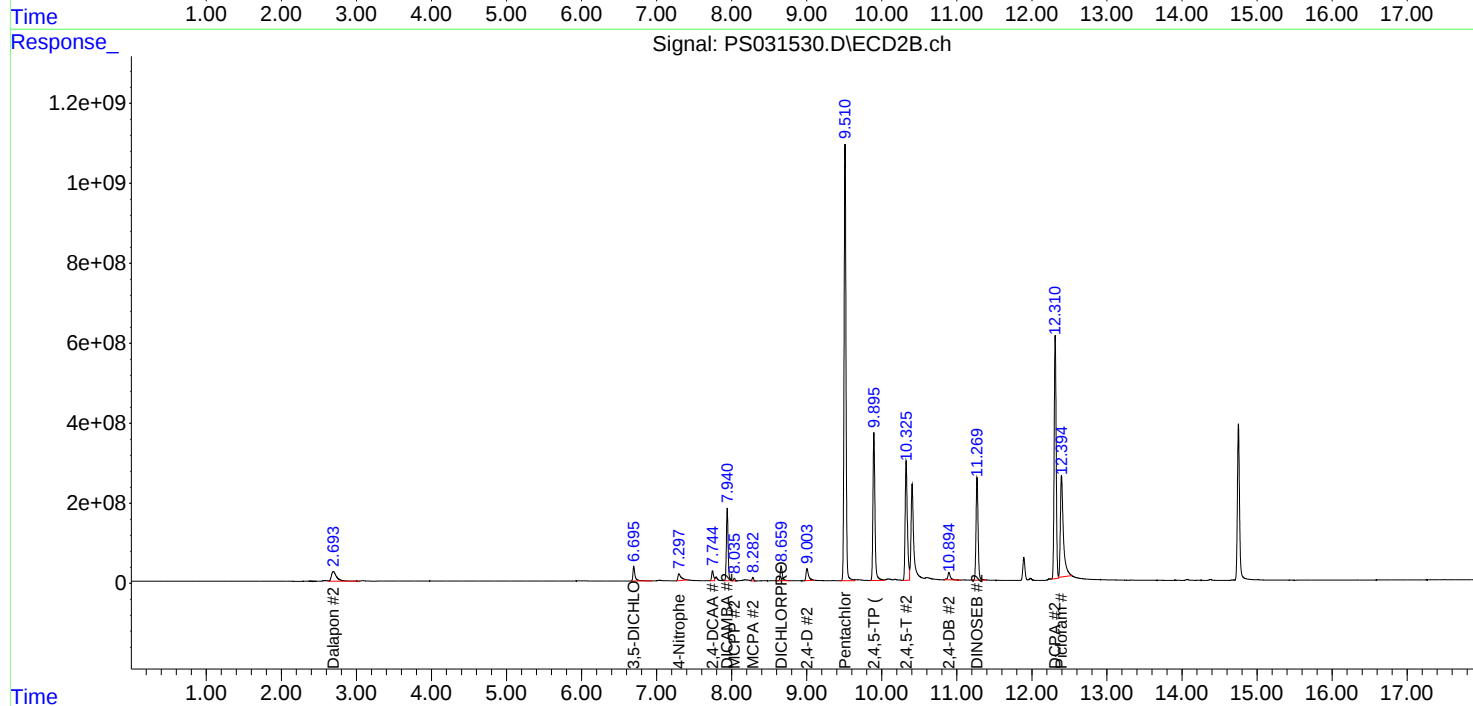
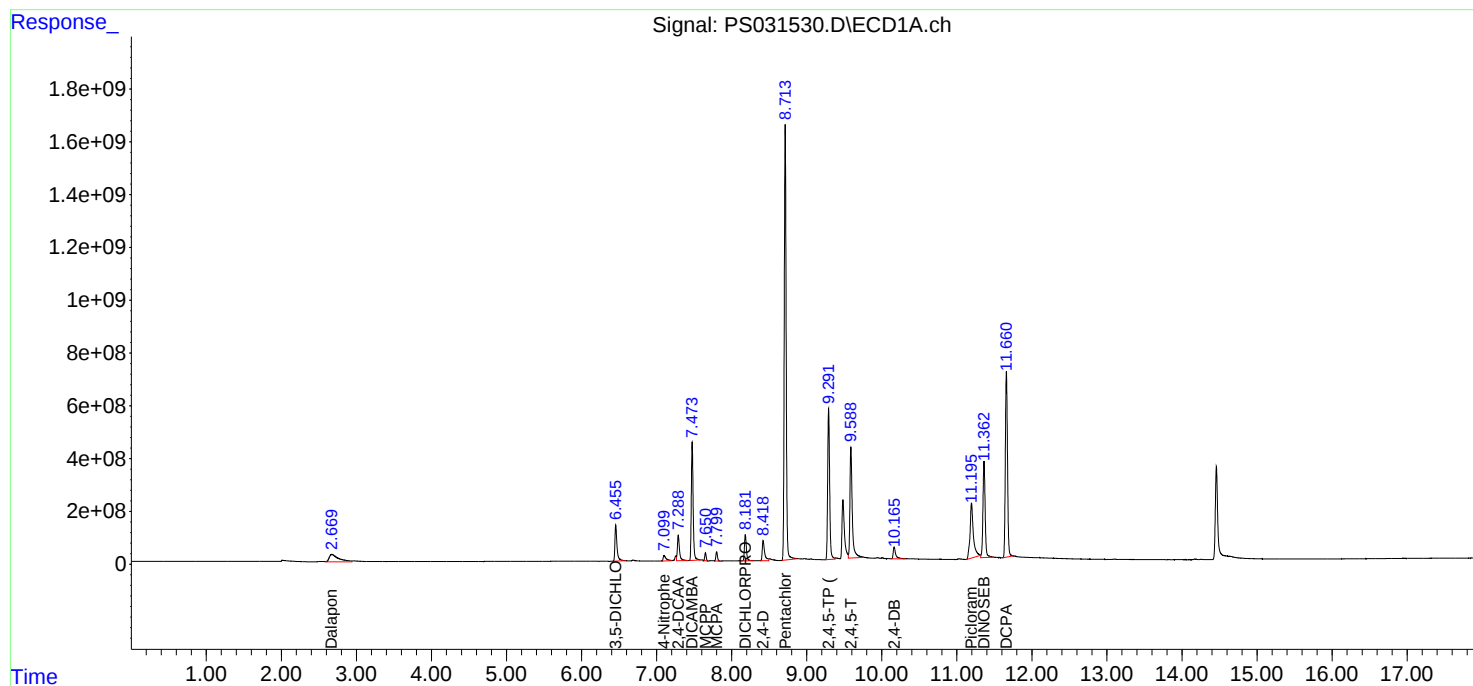
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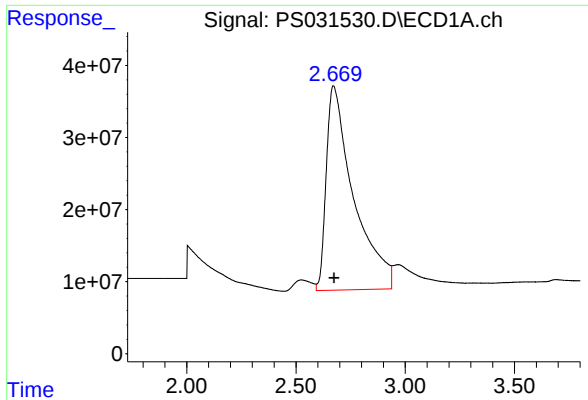
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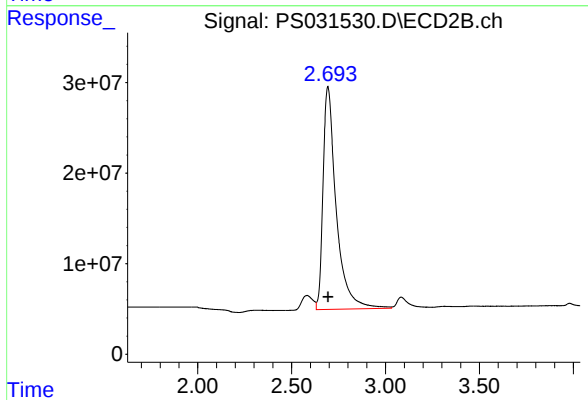
#1 Dalapon

R.T.: 2.670 min
Delta R.T.: -0.004 min
Response: 2459558912
Conc: 468.58 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB169371BS

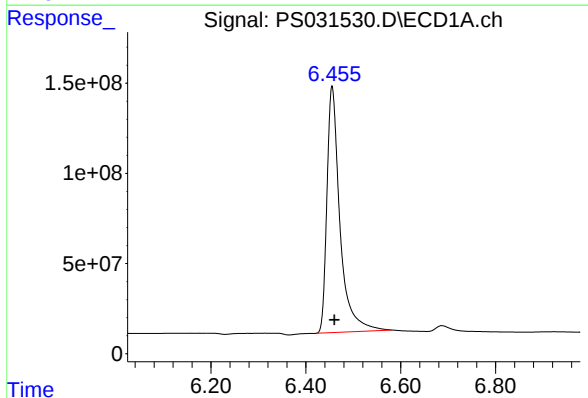
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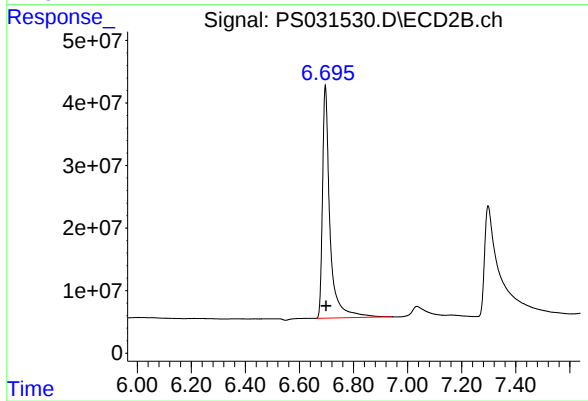
#1 Dalapon

R.T.: 2.693 min
Delta R.T.: -0.002 min
Response: 1202257024
Conc: 451.80 ng/ml



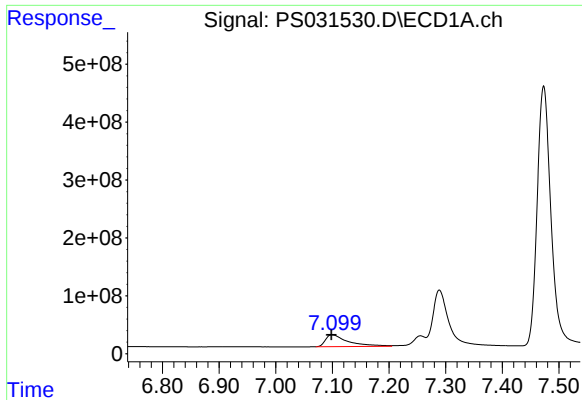
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.455 min
Delta R.T.: -0.005 min
Response: 2601105280
Conc: 551.28 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.696 min
Delta R.T.: -0.003 min
Response: 716858823
Conc: 530.25 ng/ml



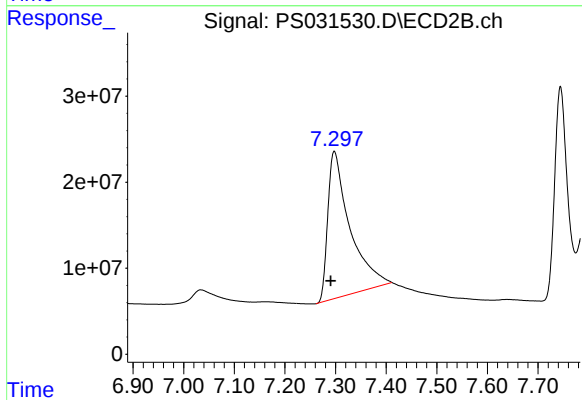
#3 4-Nitrophenol

R.T.: 7.100 min
Delta R.T.: 0.001 min
Response: 571689632
Conc: 554.13 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB169371BS

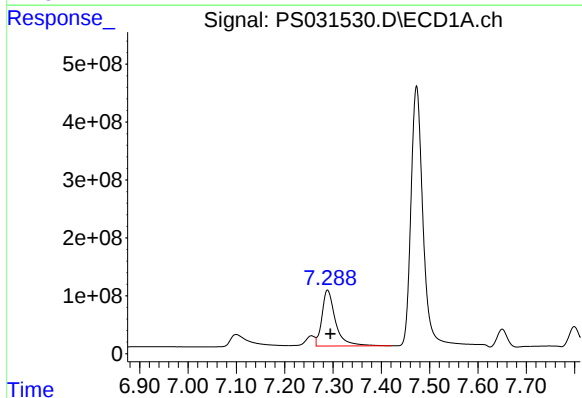
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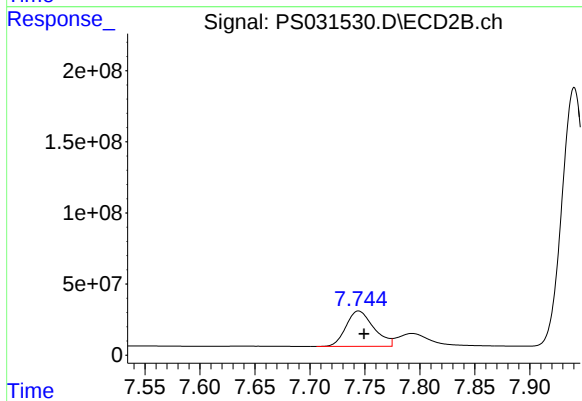
#3 4-Nitrophenol

R.T.: 7.298 min
Delta R.T.: 0.007 min
Response: 519930845
Conc: 413.66 ng/ml



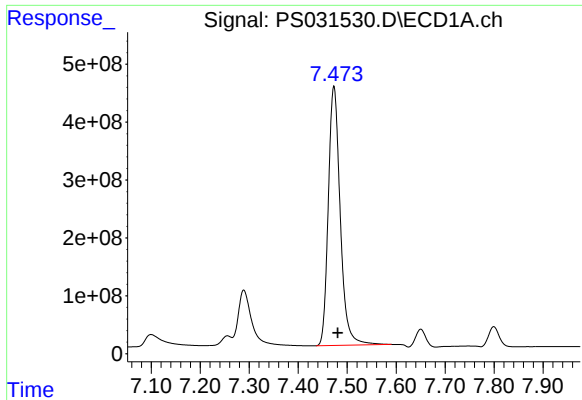
#4 2,4-DCAA

R.T.: 7.289 min
Delta R.T.: -0.006 min
Response: 1881234004
Conc: 592.70 ng/ml



#4 2,4-DCAA

R.T.: 7.744 min
Delta R.T.: -0.005 min
Response: 438354124
Conc: 518.55 ng/ml



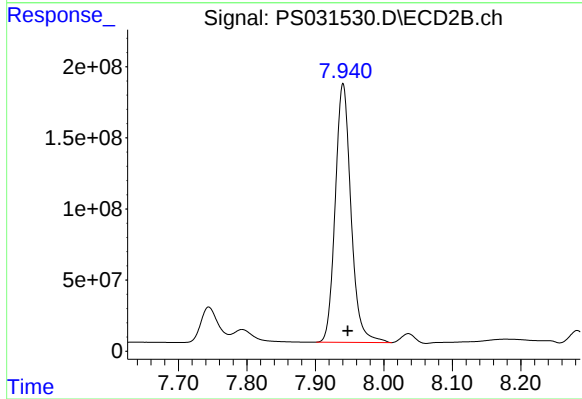
#5 DICAMBA

R.T.: 7.473 min
Delta R.T.: -0.008 min
Response: 7587606888
Conc: 543.27 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB169371BS

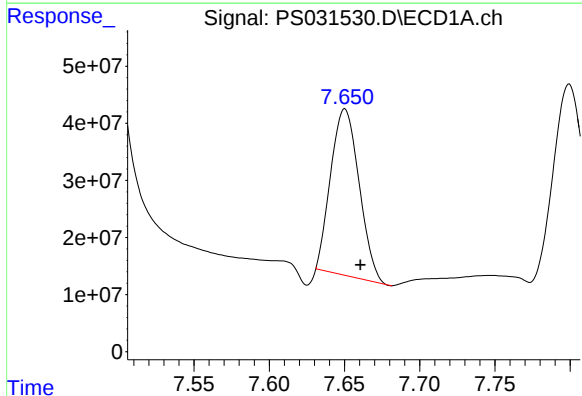
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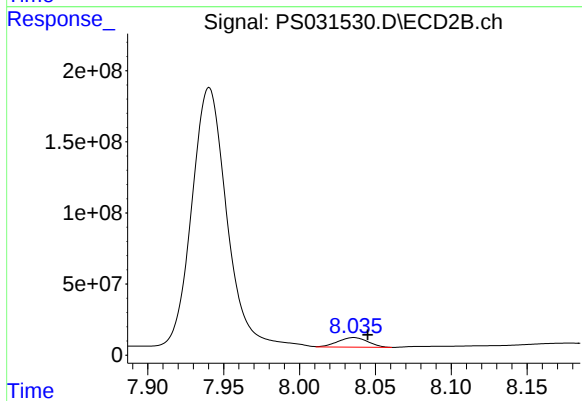
#5 DICAMBA

R.T.: 7.940 min
Delta R.T.: -0.007 min
Response: 2907319348
Conc: 511.61 ng/ml



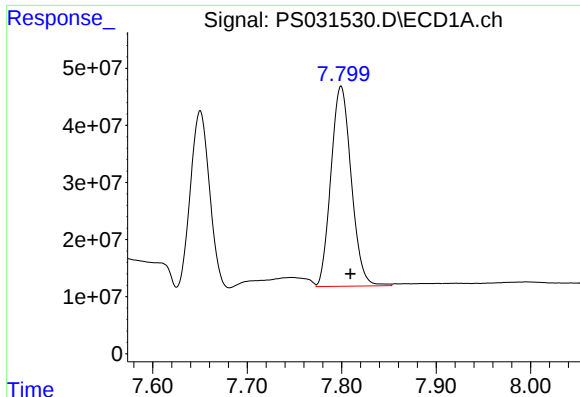
#6 MCP

R.T.: 7.650 min
Delta R.T.: -0.010 min
Response: 383055329
Conc: 47.61 ug/ml



#6 MCP

R.T.: 8.035 min
Delta R.T.: -0.010 min
Response: 92541231
Conc: 52.35 ug/ml m



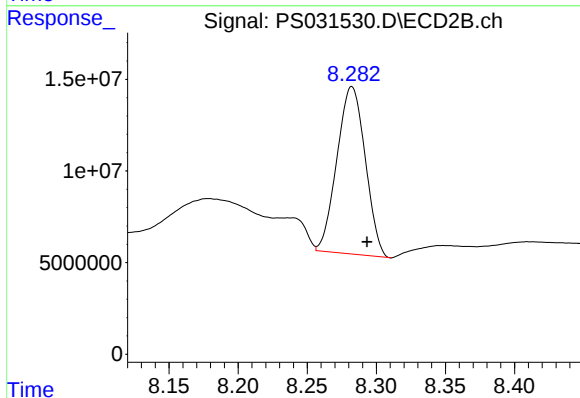
#7 MCPA

R.T.: 7.799 min
Delta R.T.: -0.010 min
Response: 523969871
Conc: 52.60 ug/ml

Instrument :
ECD_S
ClientSampleId :
PB169371BS

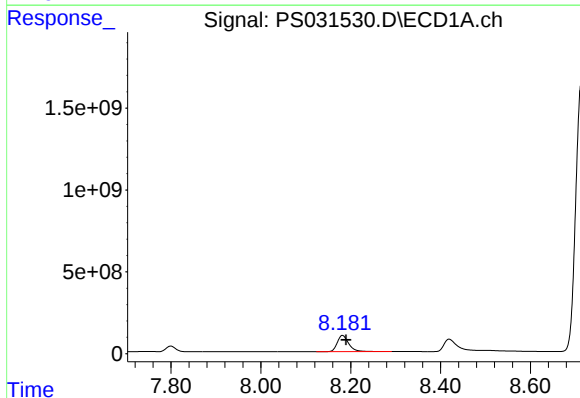
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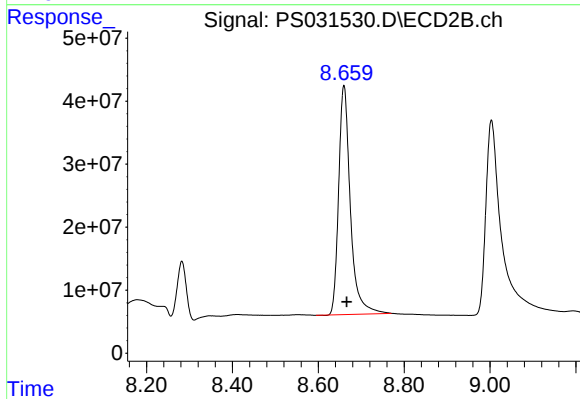
#7 MCPA

R.T.: 8.282 min
Delta R.T.: -0.011 min
Response: 130159559
Conc: 46.39 ug/ml



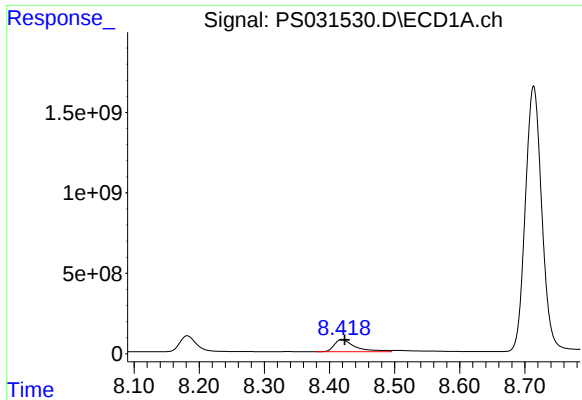
#8 DICHLORPROP

R.T.: 8.181 min
Delta R.T.: -0.008 min
Response: 1758385905
Conc: 554.27 ng/ml



#8 DICHLORPROP

R.T.: 8.660 min
Delta R.T.: -0.006 min
Response: 688474440
Conc: 515.70 ng/ml



#9 2,4-D

R.T.: 8.419 min
Delta R.T.: -0.005 min
Response: 1679640051
Conc: 583.85 ng/ml

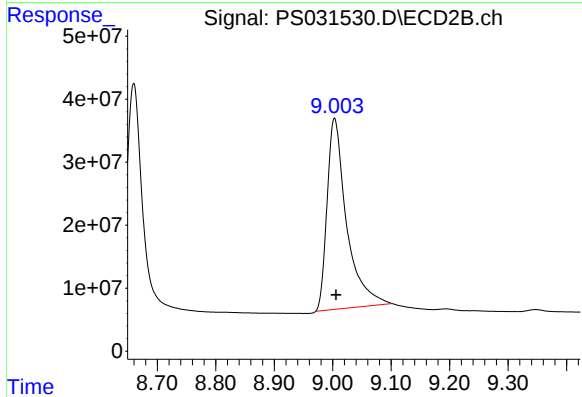
Instrument :

ECD_S

ClientSampleId :
PB169371BS

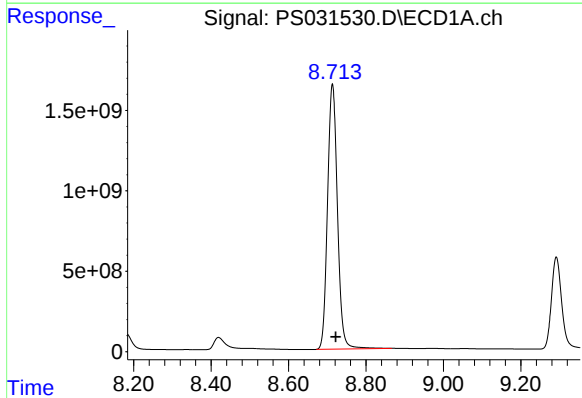
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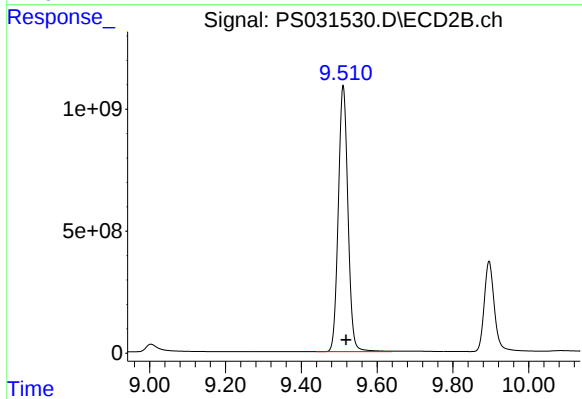
#9 2,4-D

R.T.: 9.003 min
Delta R.T.: -0.003 min
Response: 702701102
Conc: 492.33 ng/ml



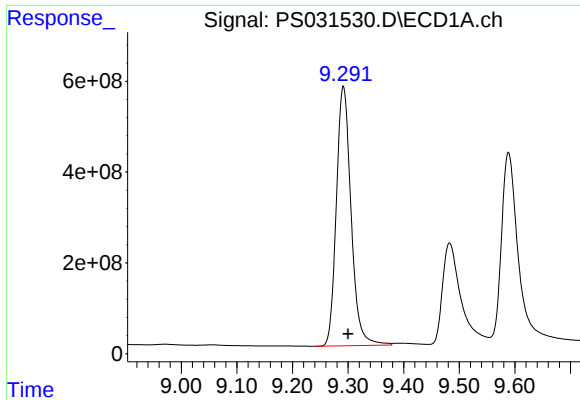
#10 Pentachlorophenol

R.T.: 8.713 min
Delta R.T.: -0.009 min
Response: 29142860240
Conc: 606.99 ng/ml



#10 Pentachlorophenol

R.T.: 9.510 min
Delta R.T.: -0.008 min
Response: 19296118911
Conc: 554.03 ng/ml



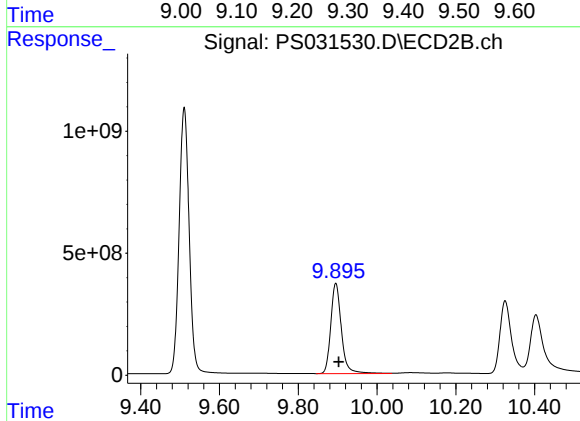
#11 2,4,5-TP (SILVEX)

R.T.: 9.291 min
Delta R.T.: -0.009 min
Response: 10505235764
Conc: 586.11 ng/ml

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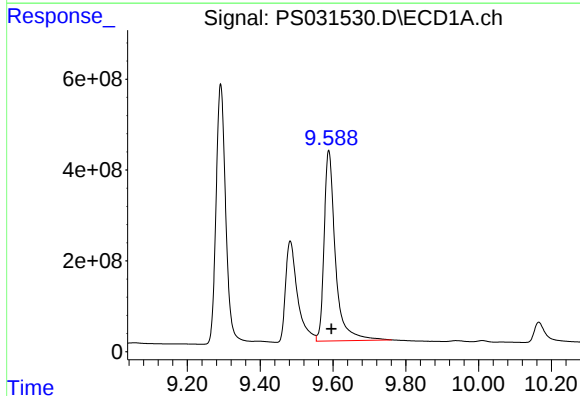
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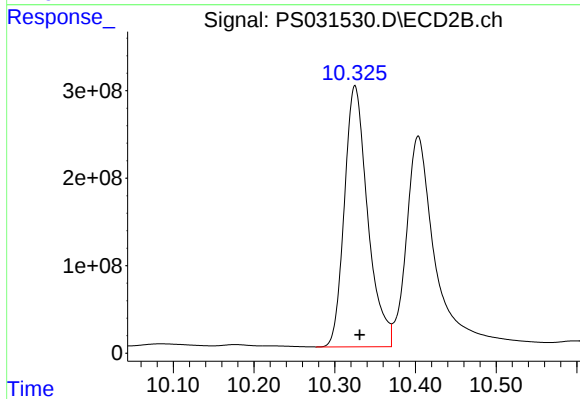
#11 2,4,5-TP (SILVEX)

R.T.: 9.895 min
Delta R.T.: -0.008 min
Response: 6936433571
Conc: 528.85 ng/ml



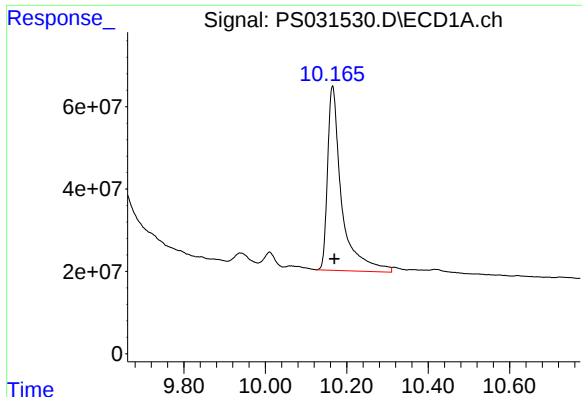
#12 2,4,5-T

R.T.: 9.588 min
Delta R.T.: -0.007 min
Response: 9071568259
Conc: 619.17 ng/ml



#12 2,4,5-T

R.T.: 10.325 min
Delta R.T.: -0.006 min
Response: 5987035276
Conc: 505.67 ng/ml



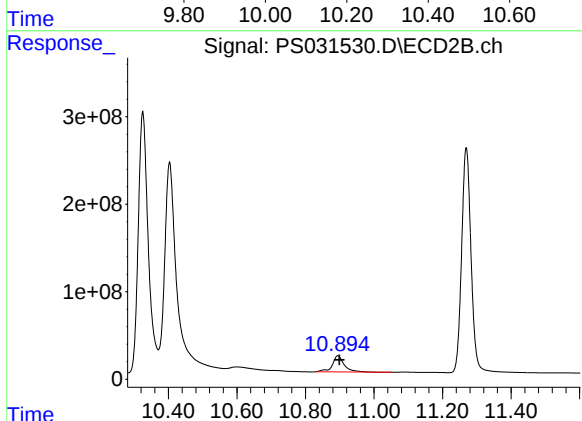
#13 2,4-DB

R.T.: 10.165 min
Delta R.T.: -0.005 min
Response: 1076648728
Conc: 560.25 ng/ml

Instrument :
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ClientSampleId :
PB169371BS

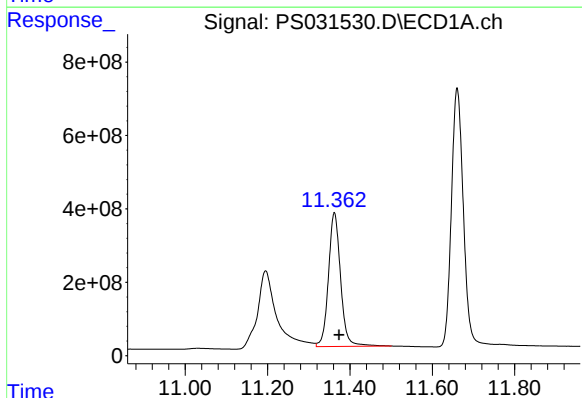
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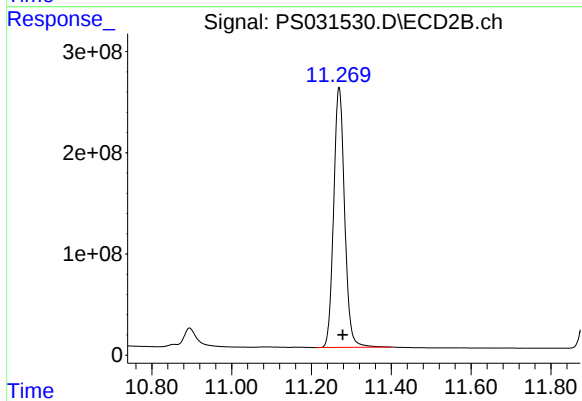
#13 2,4-DB

R.T.: 10.894 min
Delta R.T.: -0.005 min
Response: 444782380
Conc: 460.99 ng/ml



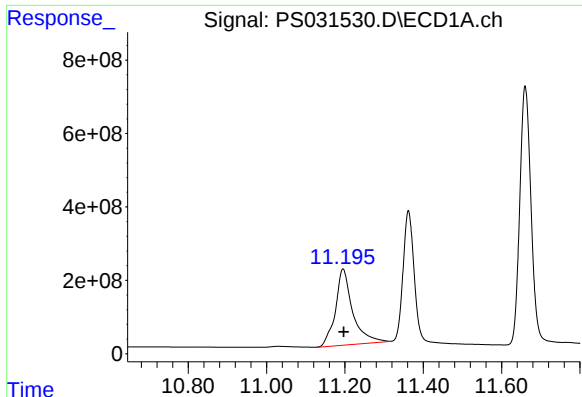
#14 DINOSEB

R.T.: 11.362 min
Delta R.T.: -0.011 min
Response: 7474782436
Conc: 589.56 ng/ml



#14 DINOSEB

R.T.: 11.269 min
Delta R.T.: -0.009 min
Response: 4902722792
Conc: 518.43 ng/ml



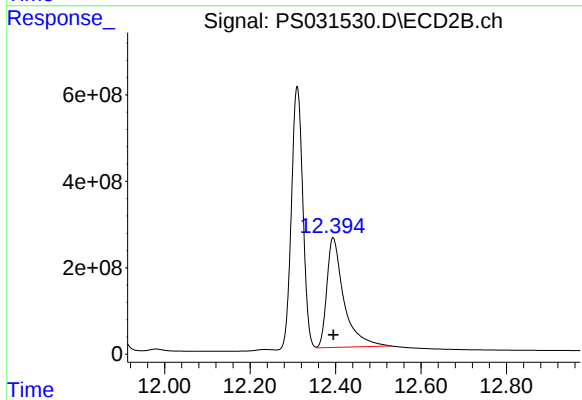
#15 Picloram

R.T.: 11.195 min
Delta R.T.: -0.003 min
Response: 6342651371
Conc: 485.87 ng/ml

Instrument :
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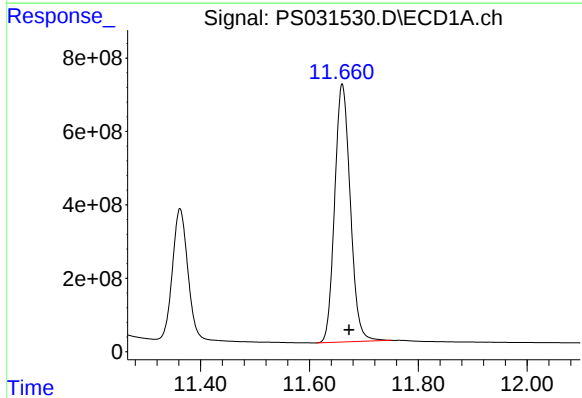
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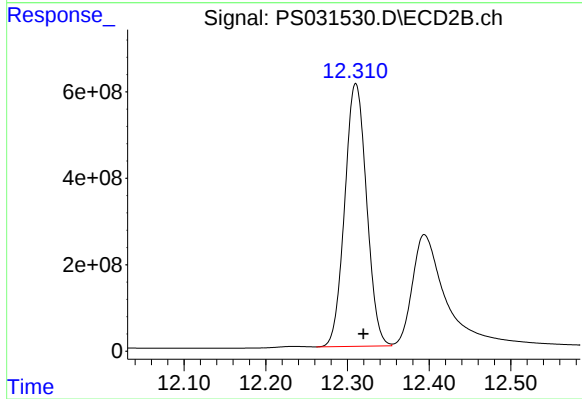
#15 Picloram

R.T.: 12.394 min
Delta R.T.: -0.001 min
Response: 7019036876
Conc: 400.41 ng/ml



#16 DCPA

R.T.: 11.660 min
Delta R.T.: -0.013 min
Response: 13964463585
Conc: 613.03 ng/ml m



#16 DCPA

R.T.: 12.310 min
Delta R.T.: -0.010 min
Response: 11309537775
Conc: 574.08 ng/ml m