

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS082625\
 Data File : PS031545.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Aug 2025 15:57
 Operator : AR\AJ
 Sample : PB169399BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PB169399BSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 08/27/2025
 Supervised By :mohammad ahmed 08/29/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 27 01:34:56 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	7.743	1880.9E6	447.0E6	592.608	528.760
Target Compounds							
1) T	Dalapon	2.671	2.692	2446.4E6	1182.8E6	466.083	444.480
2) T	3,5-DICHL...	6.454	6.695	2636.5E6	716.0E6	558.783	529.626
3) T	4-Nitroph...	7.092	7.293	687.0E6	748.8E6	665.904m	595.761m
5) T	DICAMBA	7.472	7.939	7525.5E6	2875.3E6	538.824	505.969
6) T	MCPD	7.650	8.035	375.1E6	89403444	46.626	50.572m
7) T	MCPA	7.799	8.282	552.0E6	130.1E6	55.412	46.357
8) T	DICHLORPROP	8.180	8.659	1767.8E6	684.4E6	557.238	512.659
9) T	2,4-D	8.415	9.001	1777.5E6	701.1E6	617.877	491.238
10) T	Pentachlo...	8.711	9.509	29348.2E6	19435.4E6	611.263	558.033
11) T	2,4,5-TP ...	9.289	9.894	10552.8E6	6932.2E6	588.762	528.530
12) T	2,4,5-T	9.585	10.323	9329.4E6	6184.1E6	636.769	522.319
13) T	2,4-DB	10.160	10.892	1306.5E6	463.4E6	679.840	480.245 #
14) T	DINOSEB	11.361	11.268	7537.5E6	4986.4E6	594.511	527.279
15) T	Picloram	11.187	12.389	8293.8E6	8678.8E6	635.340m	495.089
16) T	DCPA	11.659	12.309	14155.8E6	11416.8E6	621.433m	579.523m

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

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Data File : PS031545.D
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Acq On : 26 Aug 2025 15:57
Operator : AR\AJ
Sample : PB169399BSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

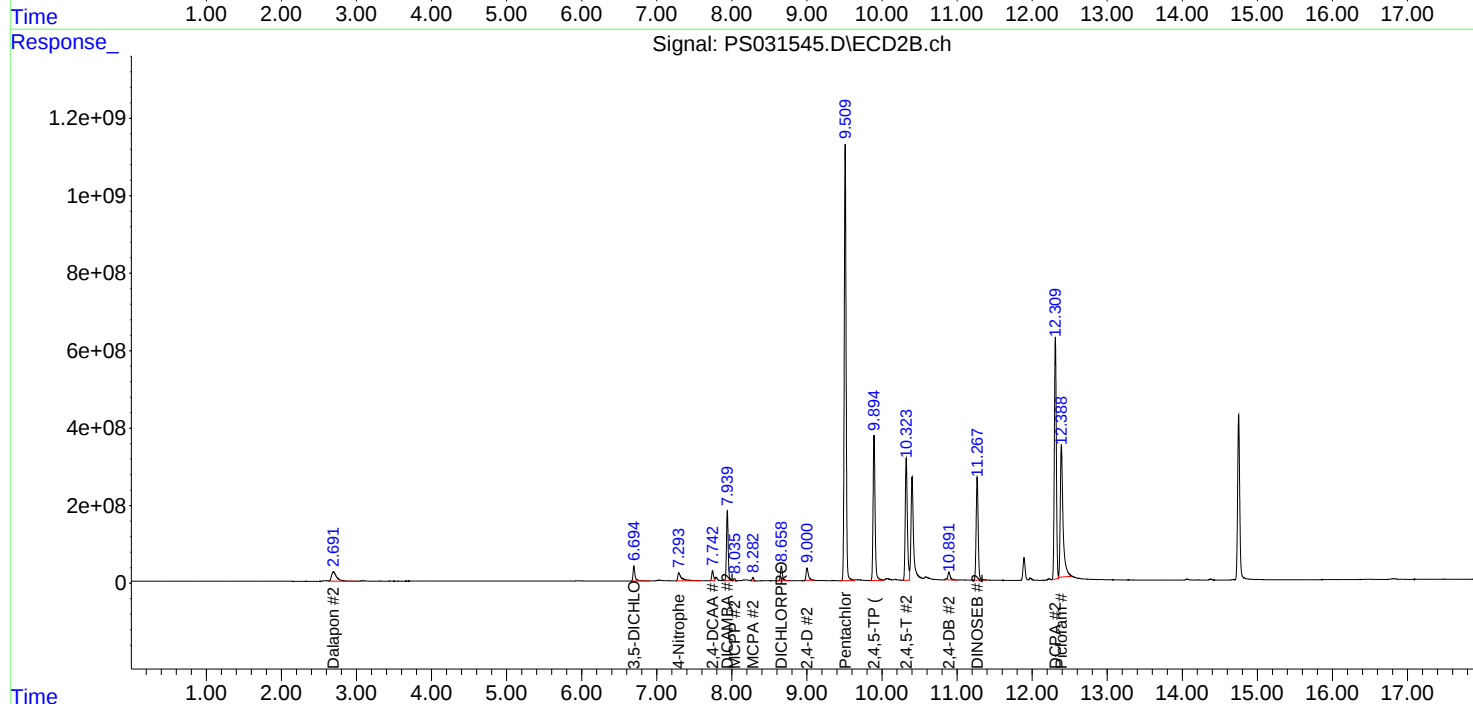
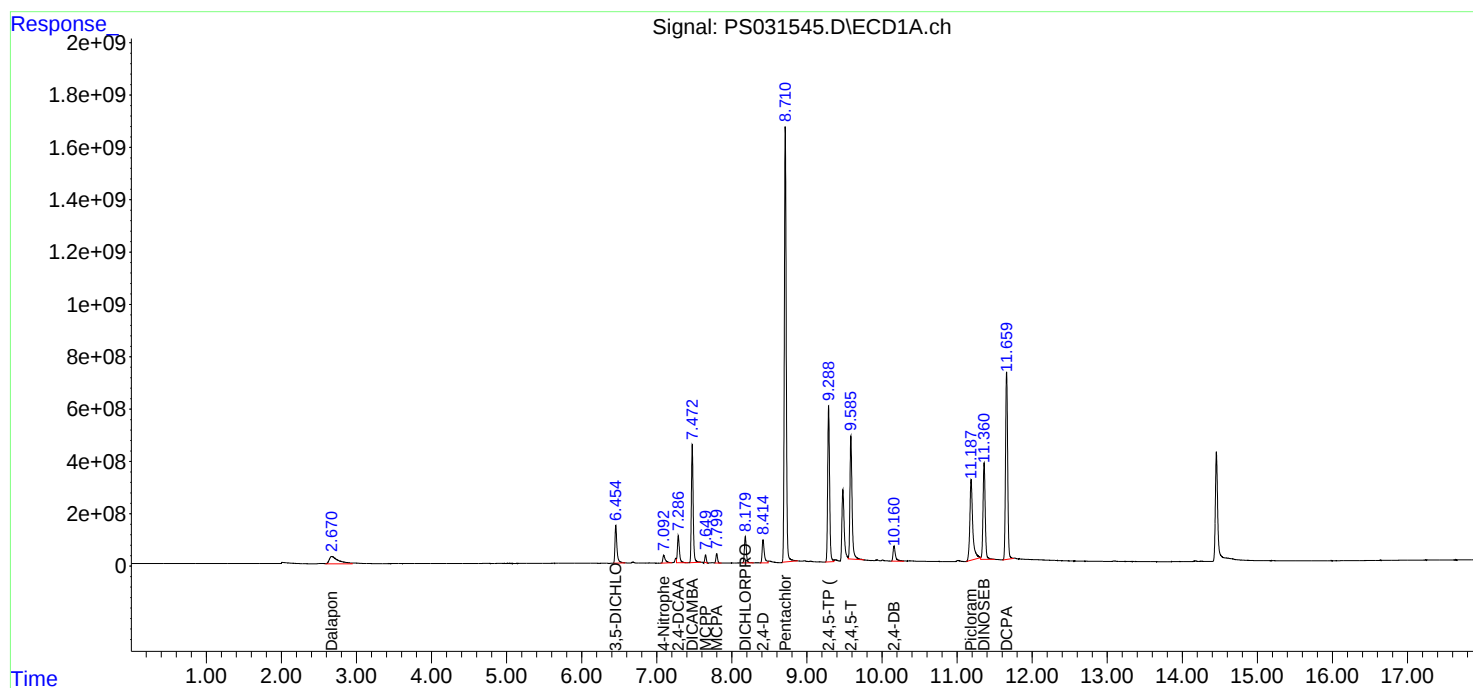
Instrument :
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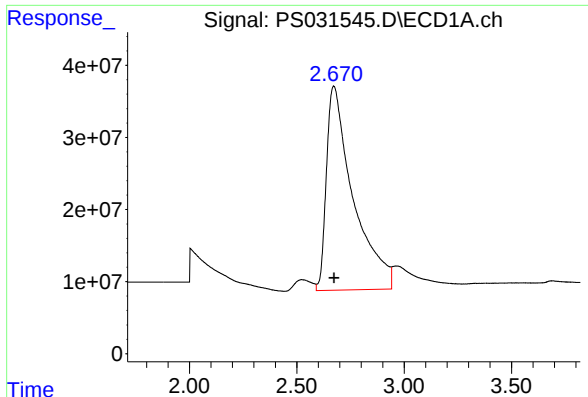
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#1 Dalapon

R.T.: 2.671 min
Delta R.T.: -0.003 min
Response: 2446441943
Conc: 466.08 ng/ml

Instrument :

ECD_S

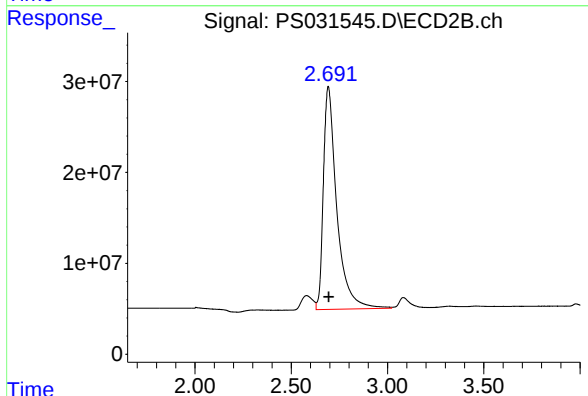
ClientSampleId :

PB169399BSD

Manual Integrations

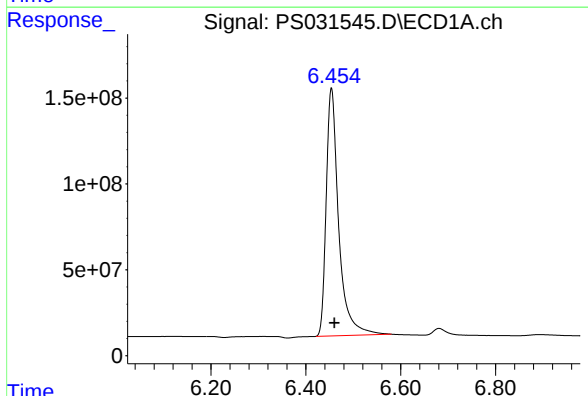
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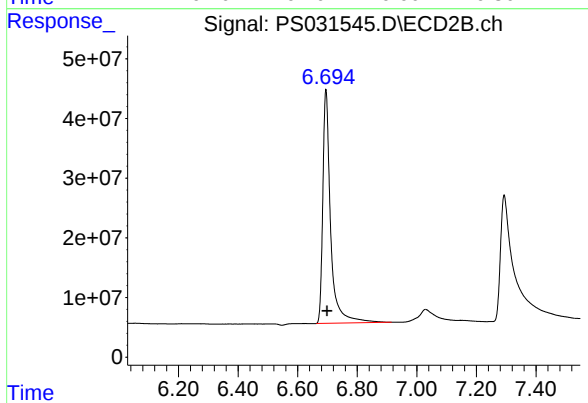
#1 Dalapon

R.T.: 2.692 min
Delta R.T.: -0.003 min
Response: 1182767792
Conc: 444.48 ng/ml



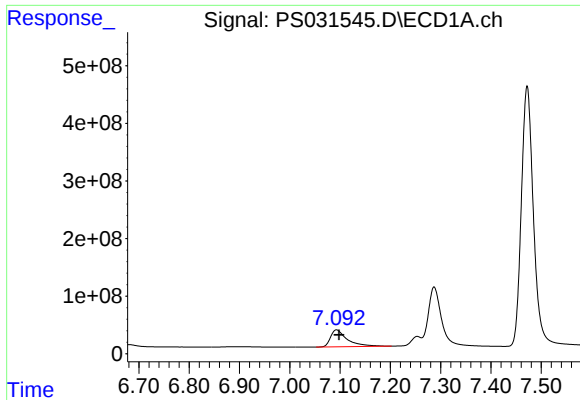
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.454 min
Delta R.T.: -0.007 min
Response: 2636513003
Conc: 558.78 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.695 min
Delta R.T.: -0.004 min
Response: 716017436
Conc: 529.63 ng/ml



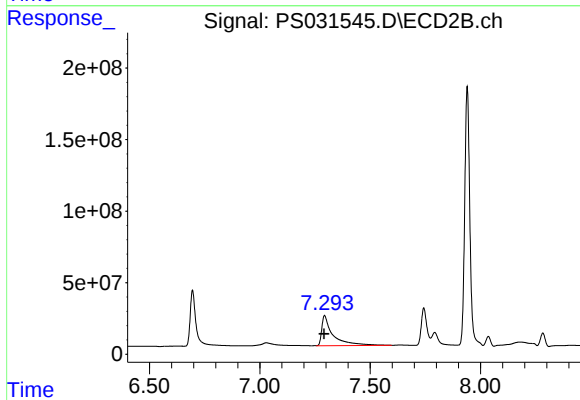
#3 4-Nitrophenol

R.T.: 7.092 min
Delta R.T.: -0.006 min
Response: 686999934
Conc: 665.90 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB169399BSD

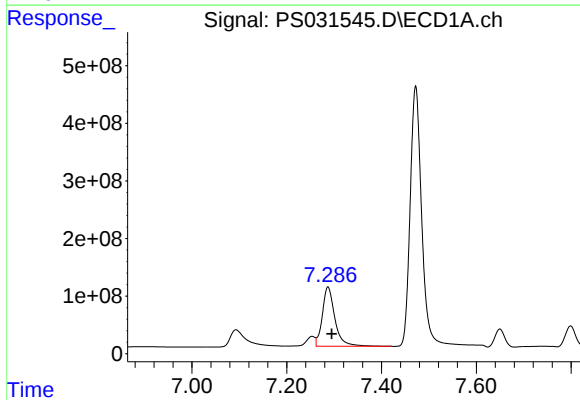
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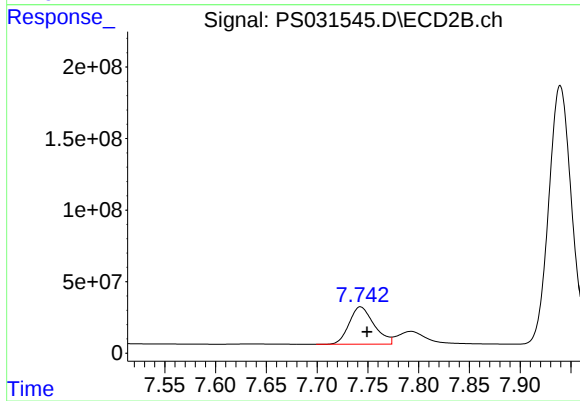
#3 4-Nitrophenol

R.T.: 7.293 min
Delta R.T.: 0.002 min
Response: 748806384
Conc: 595.76 ng/ml m



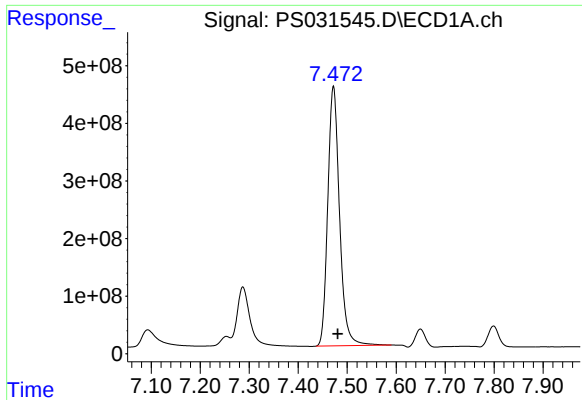
#4 2,4-DCAA

R.T.: 7.287 min
Delta R.T.: -0.008 min
Response: 1880930432
Conc: 592.61 ng/ml



#4 2,4-DCAA

R.T.: 7.743 min
Delta R.T.: -0.006 min
Response: 446981797
Conc: 528.76 ng/ml



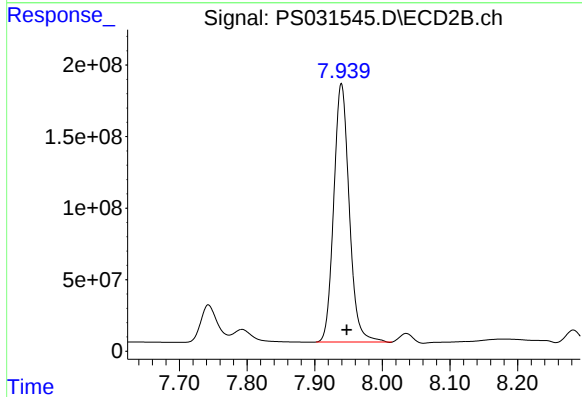
#5 DICAMBA

R.T.: 7.472 min
Delta R.T.: -0.009 min
Response: 7525462162
Conc: 538.82 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB169399BSD

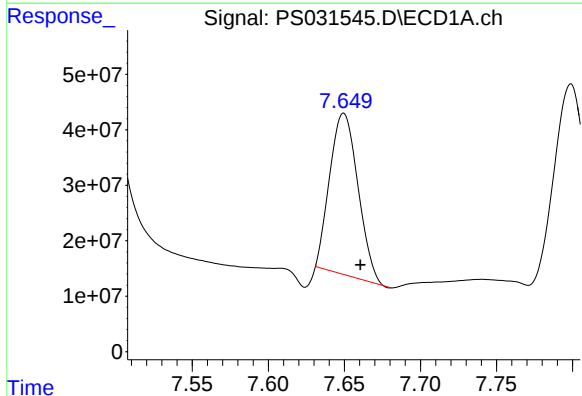
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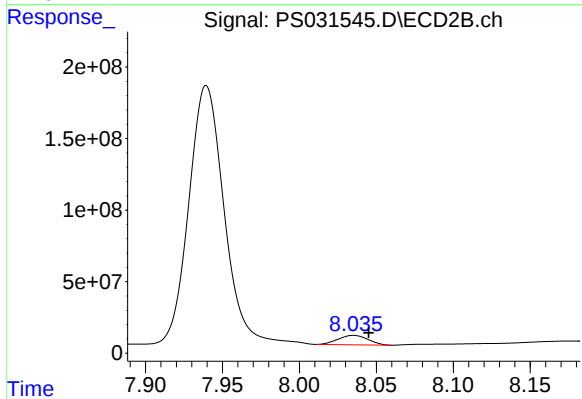
#5 DICAMBA

R.T.: 7.939 min
Delta R.T.: -0.008 min
Response: 2875264392
Conc: 505.97 ng/ml



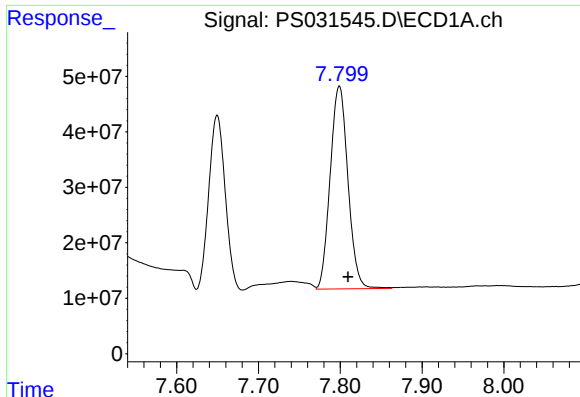
#6 MCP

R.T.: 7.650 min
Delta R.T.: -0.011 min
Response: 375103180
Conc: 46.63 ug/ml



#6 MCP

R.T.: 8.035 min
Delta R.T.: -0.010 min
Response: 89403444
Conc: 50.57 ug/ml m



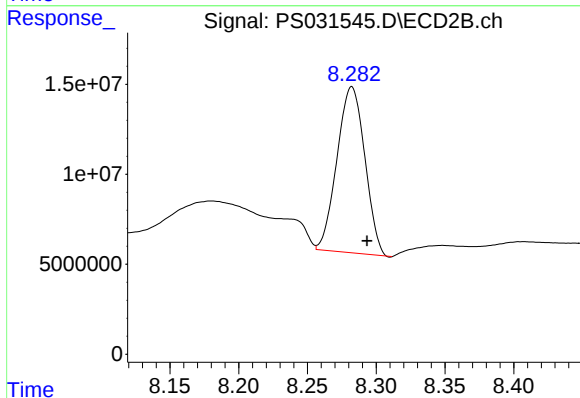
#7 MCPA

R.T.: 7.799 min
Delta R.T.: -0.010 min
Response: 551973914
Conc: 55.41 ug/ml

Instrument :
ECD_S
ClientSampleId :
PB169399BSD

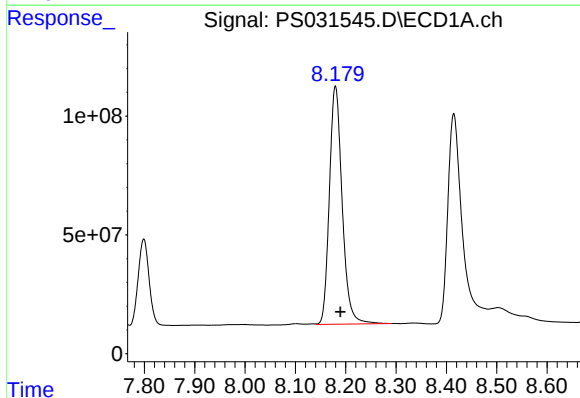
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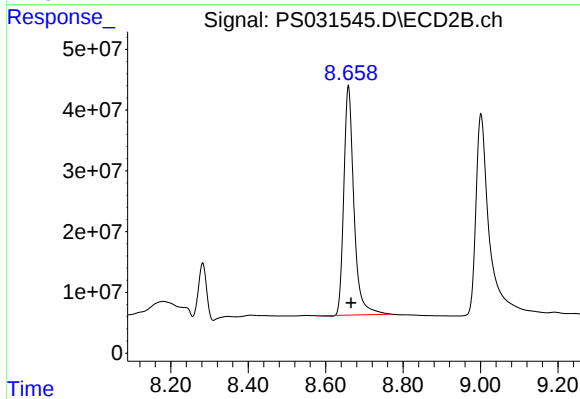
#7 MCPA

R.T.: 8.282 min
Delta R.T.: -0.011 min
Response: 130056074
Conc: 46.36 ug/ml



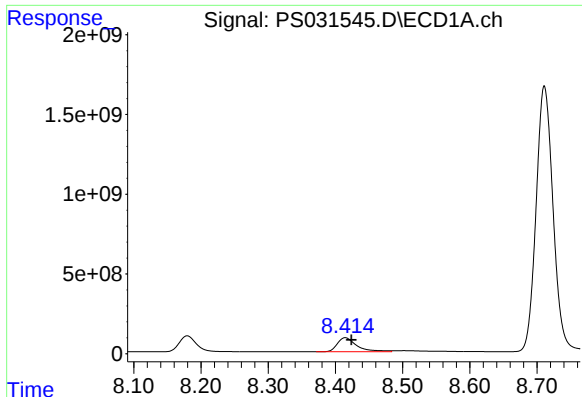
#8 DICHLORPROP

R.T.: 8.180 min
Delta R.T.: -0.010 min
Response: 1767797421
Conc: 557.24 ng/ml



#8 DICHLORPROP

R.T.: 8.659 min
Delta R.T.: -0.007 min
Response: 684416775
Conc: 512.66 ng/ml



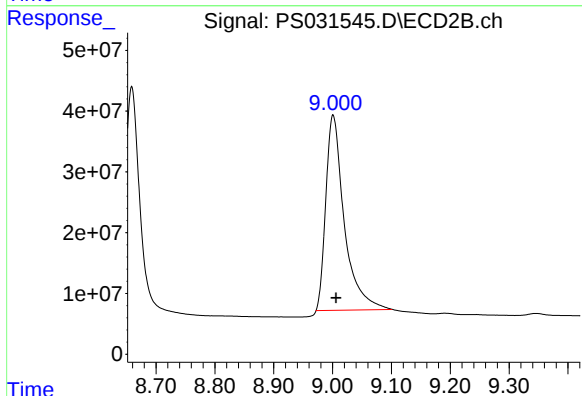
#9 2,4-D

R.T.: 8.415 min
Delta R.T.: -0.009 min
Response: 1777519375
Conc: 617.88 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB169399BSD

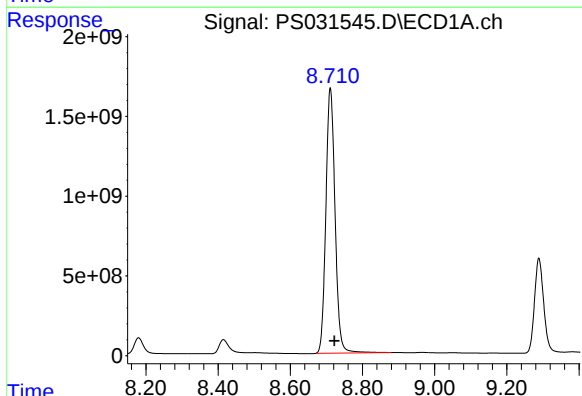
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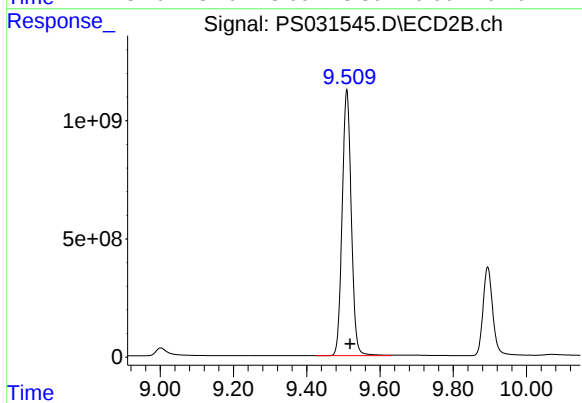
#9 2,4-D

R.T.: 9.001 min
Delta R.T.: -0.005 min
Response: 701137385
Conc: 491.24 ng/ml



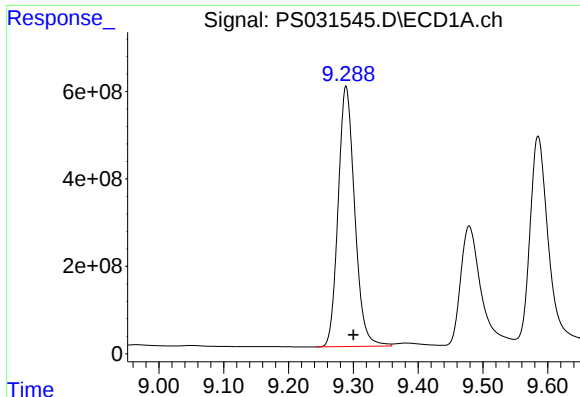
#10 Pentachlorophenol

R.T.: 8.711 min
Delta R.T.: -0.011 min
Response: 29348232208
Conc: 611.26 ng/ml



#10 Pentachlorophenol

R.T.: 9.509 min
Delta R.T.: -0.009 min
Response: 19435403651
Conc: 558.03 ng/ml



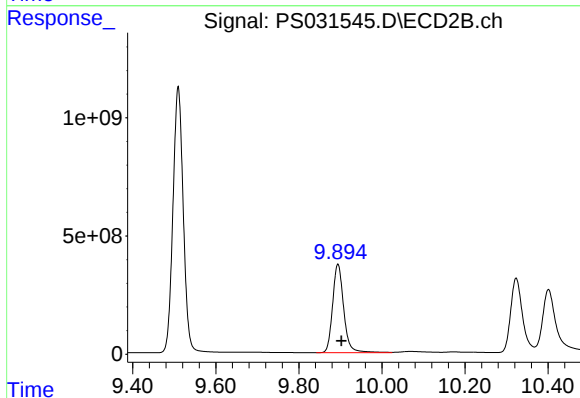
#11 2,4,5-TP (SILVEX)

R.T.: 9.289 min
Delta R.T.: -0.011 min
Response: 10552796582
Conc: 588.76 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB169399BSD

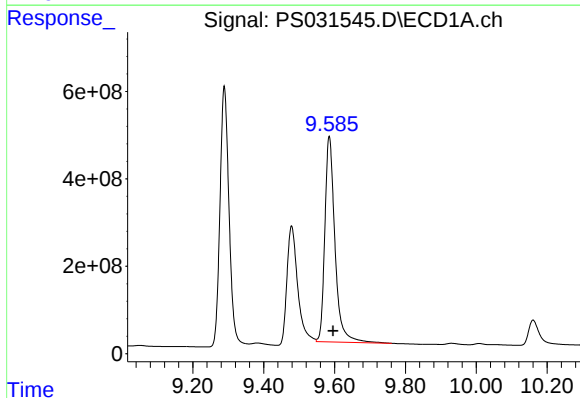
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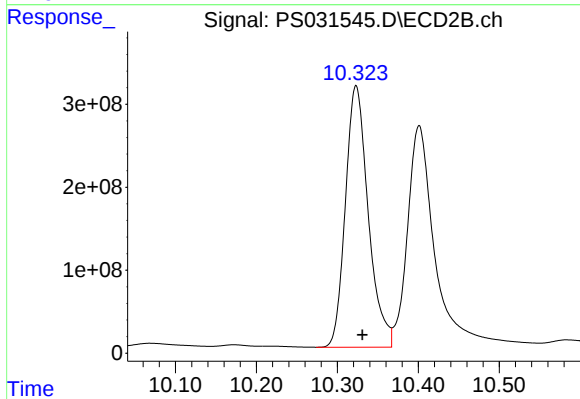
#11 2,4,5-TP (SILVEX)

R.T.: 9.894 min
Delta R.T.: -0.009 min
Response: 6932209648
Conc: 528.53 ng/ml



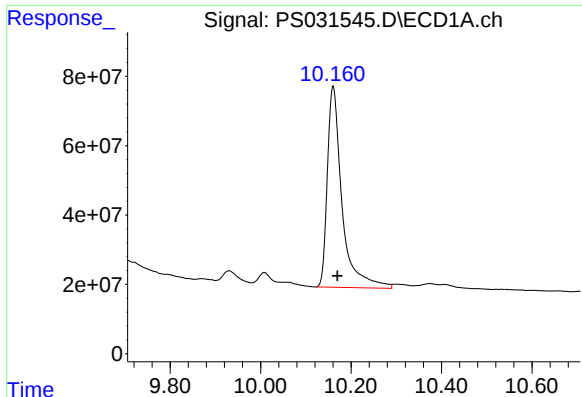
#12 2,4,5-T

R.T.: 9.585 min
Delta R.T.: -0.010 min
Response: 9329448128
Conc: 636.77 ng/ml



#12 2,4,5-T

R.T.: 10.323 min
Delta R.T.: -0.008 min
Response: 6184136682
Conc: 522.32 ng/ml



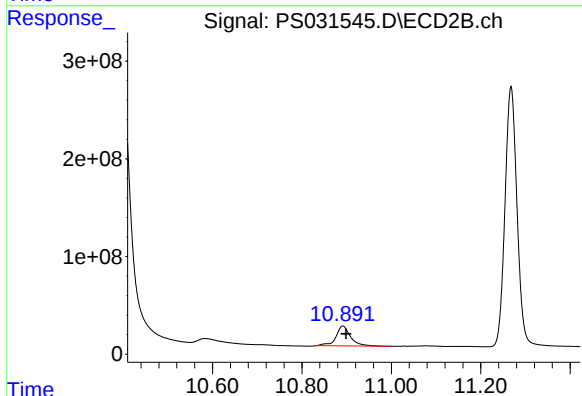
#13 2,4-DB

R.T.: 10.160 min
Delta R.T.: -0.010 min
Response: 1306462048
Conc: 679.84 ng/ml

Instrument :
ECD_S
ClientSampleId :
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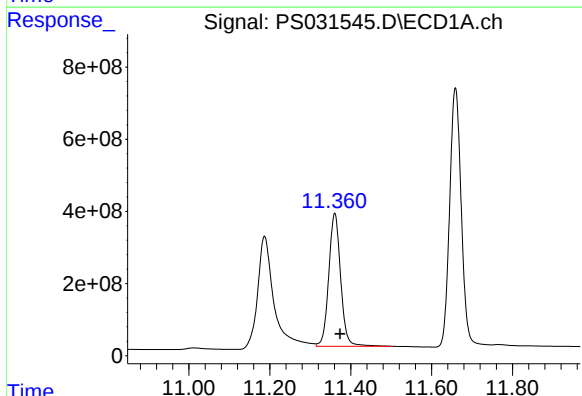
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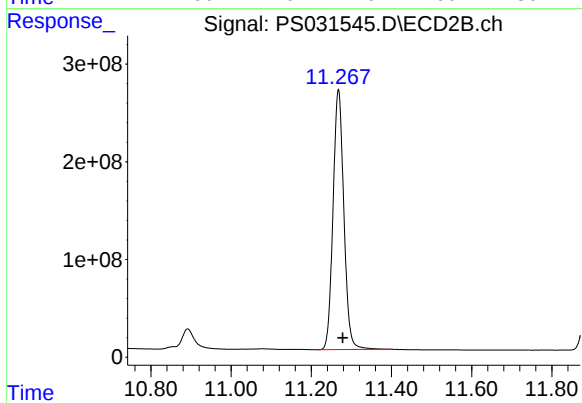
#13 2,4-DB

R.T.: 10.892 min
Delta R.T.: -0.008 min
Response: 463362878
Conc: 480.25 ng/ml



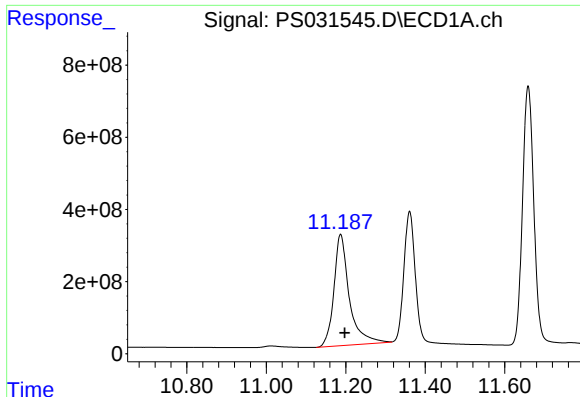
#14 DINOSEB

R.T.: 11.361 min
Delta R.T.: -0.013 min
Response: 7537491135
Conc: 594.51 ng/ml



#14 DINOSEB

R.T.: 11.268 min
Delta R.T.: -0.011 min
Response: 4986447109
Conc: 527.28 ng/ml



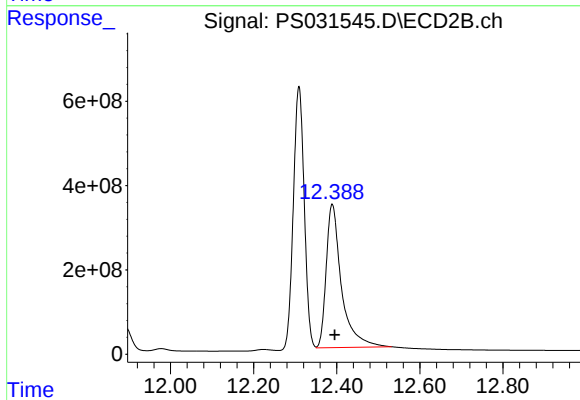
#15 Picloram

R.T.: 11.187 min
Delta R.T.: -0.011 min
Response: 8293825727
Conc: 635.34 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB169399BSD

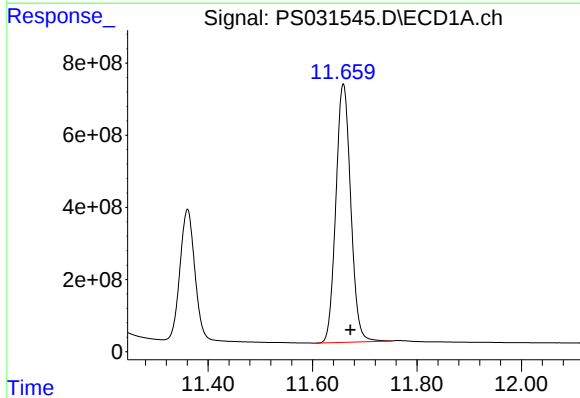
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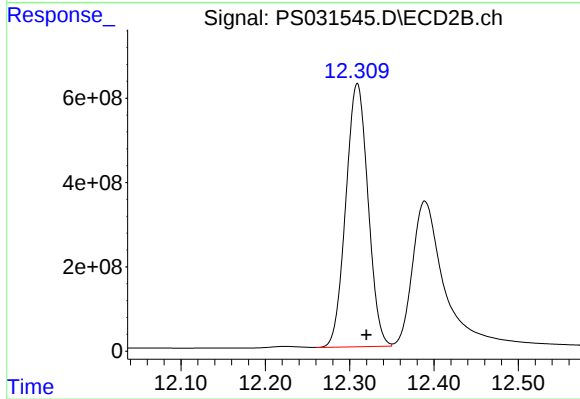
#15 Picloram

R.T.: 12.389 min
Delta R.T.: -0.006 min
Response: 8678784933
Conc: 495.09 ng/ml



#16 DCPA

R.T.: 11.659 min
Delta R.T.: -0.014 min
Response: 14155826556
Conc: 621.43 ng/ml m



#16 DCPA

R.T.: 12.309 min
Delta R.T.: -0.011 min
Response: 11416835834
Conc: 579.52 ng/ml m