

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS090225\
 Data File : PS031588.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Sep 2025 15:14
 Operator : AR\AJ
 Sample : PB169463BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PB169463BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/03/2025
 Supervised By :mohammad ahmed 09/04/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 03 01:25:38 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	7.286	7.744	1929.8E6	448.1E6	607.993	530.047
Target Compounds							
1) T	Dalapon	2.673	2.691	2567.5E6	1309.4E6	489.153	492.077
2) T	3,5-DICHL...	6.454	6.696	2646.6E6	746.3E6	560.919	552.021m
3) T	4-Nitroph...	7.098	7.301	572.2E6	550.8E6	554.657	438.185
5) T	DICAMBA	7.469	7.939	7796.4E6	3018.2E6	558.225	531.122
6) T	MCPD	7.646	8.033	443.3E6	95665174	55.106m	54.114m
7) T	MCPA	7.795	8.281	518.3E6	131.6E6	52.035	46.905
8) T	DICHLORPROP	8.178	8.658	1777.0E6	708.1E6	560.154	530.426
9) T	2,4-D	8.416	9.003	1631.4E6	716.6E6	567.083	502.098
10) T	Pentachlo...	8.709	9.508	29096.1E6	20081.9E6	606.012	576.594
11) T	2,4,5-TP ...	9.286	9.893	10588.6E6	7302.9E6	590.760	556.791
12) T	2,4,5-T	9.585	10.324	8709.3E6	6133.4E6	594.441	518.032
13) T	2,4-DB	10.161	10.893	939.2E6	442.8E6	488.715m	458.887m
14) T	DINOSEB	11.356	11.266	7498.9E6	5289.4E6	591.467	559.310
15) T	Picloram	11.191	12.395	5350.5E6	6557.4E6	409.872m	374.073
16) T	DCPA	11.654	12.306	13946.3E6	11901.6E6	612.234m	604.131m

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

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Acq On : 02 Sep 2025 15:14
Operator : AR\AJ
Sample : PB169463BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

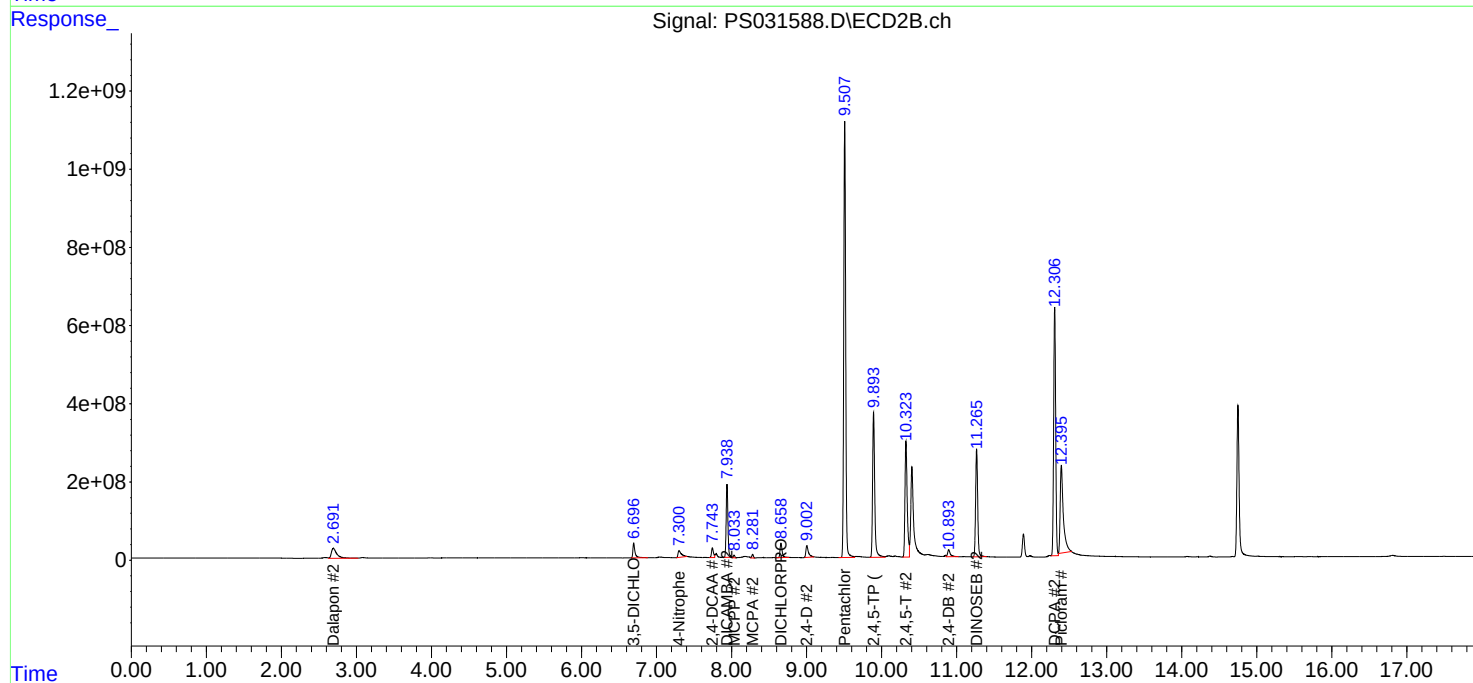
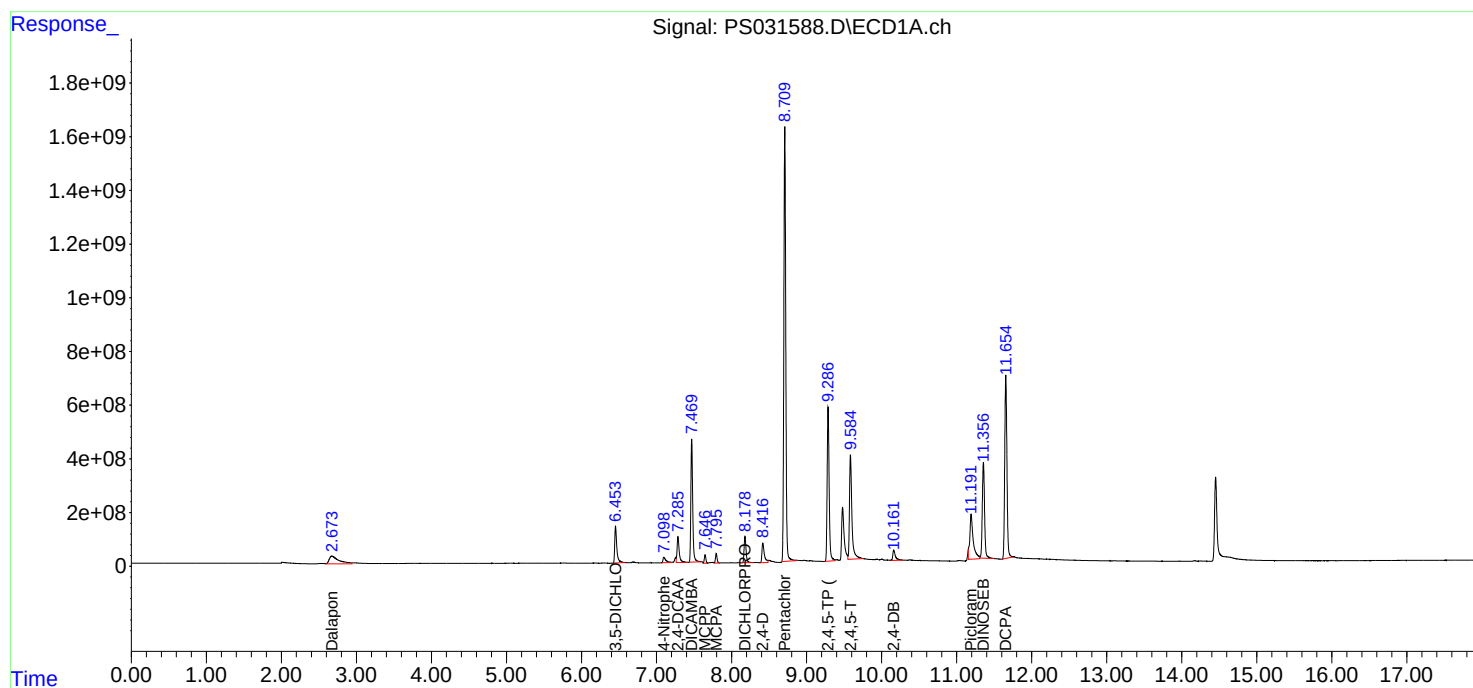
Instrument :
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ClientSampleId :
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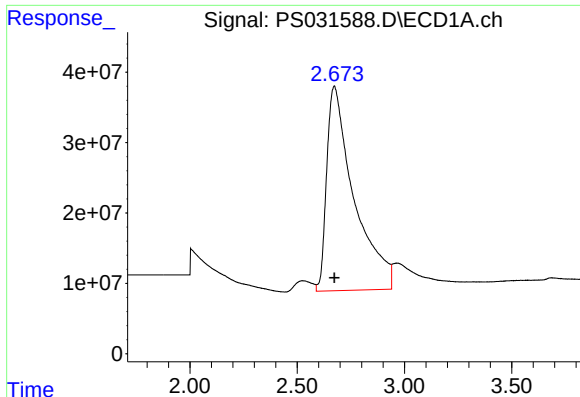
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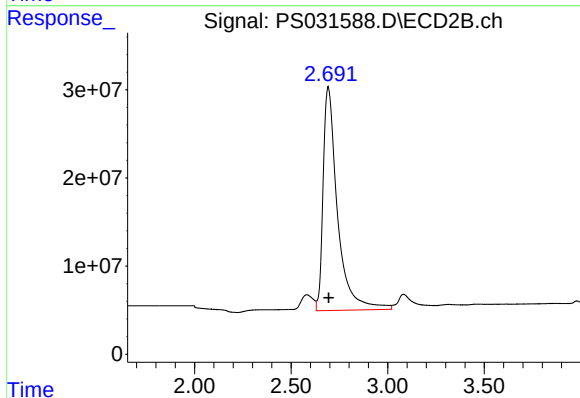
#1 Dalapon

R.T.: 2.673 min
Delta R.T.: 0.000 min
Response: 2567533773
Conc: 489.15 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB169463BS

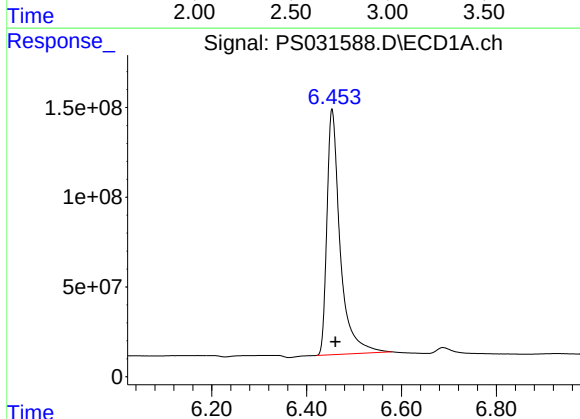
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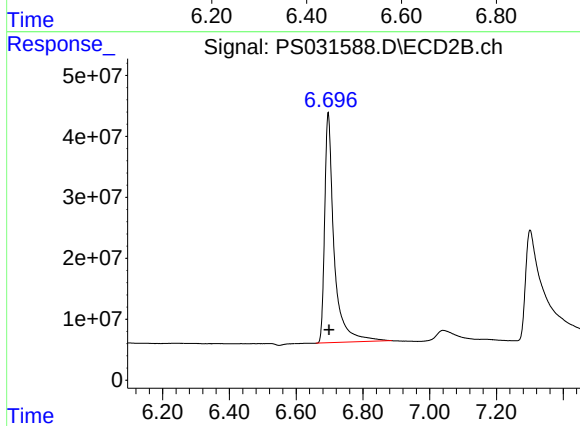
#1 Dalapon

R.T.: 2.691 min
Delta R.T.: -0.003 min
Response: 1309422661
Conc: 492.08 ng/ml



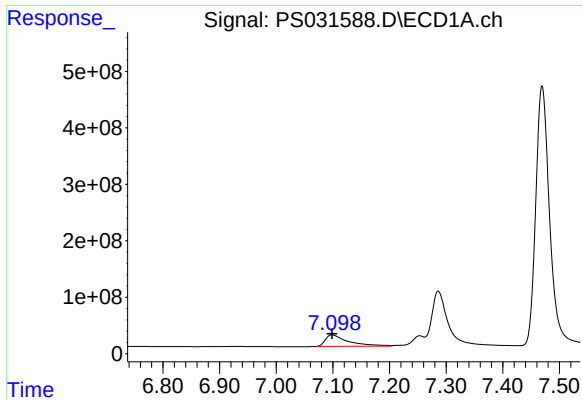
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.454 min
Delta R.T.: -0.007 min
Response: 2646594558
Conc: 560.92 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.696 min
Delta R.T.: -0.003 min
Response: 746294028
Conc: 552.02 ng/ml m



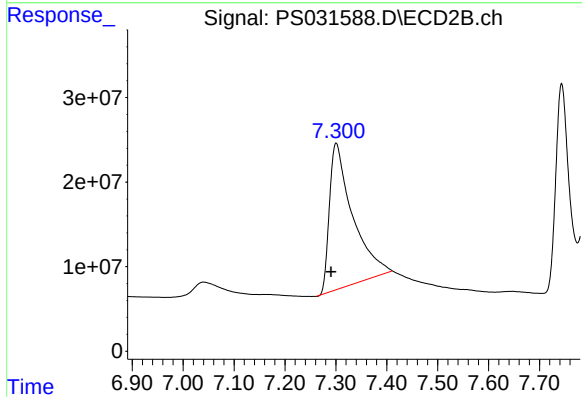
#3 4-Nitrophenol

R.T.: 7.098 min
Delta R.T.: 0.000 min
Response: 572228374
Conc: 554.66 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB169463BS

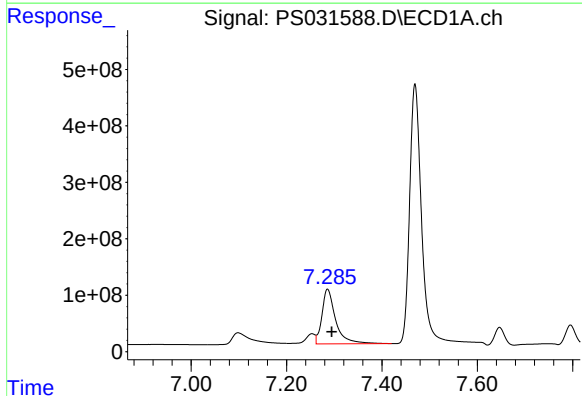
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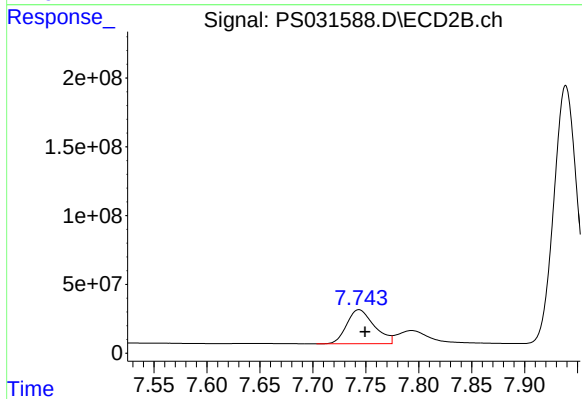
#3 4-Nitrophenol

R.T.: 7.301 min
Delta R.T.: 0.010 min
Response: 550750885
Conc: 438.19 ng/ml



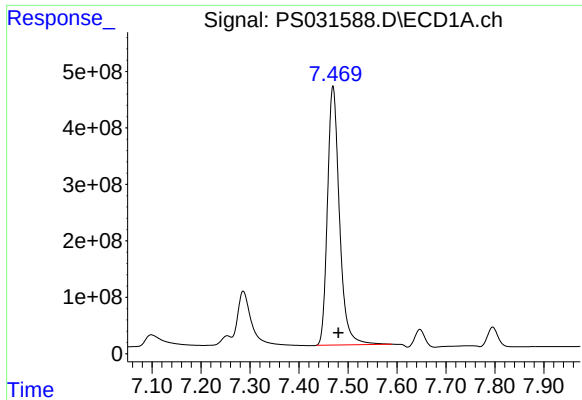
#4 2,4-DCAA

R.T.: 7.286 min
Delta R.T.: -0.009 min
Response: 1929762713
Conc: 607.99 ng/ml



#4 2,4-DCAA

R.T.: 7.744 min
Delta R.T.: -0.006 min
Response: 448070040
Conc: 530.05 ng/ml



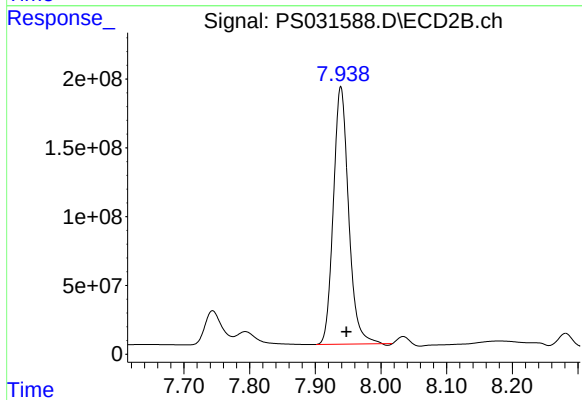
#5 DICAMBA

R.T.: 7.469 min
Delta R.T.: -0.011 min
Response: 7796427995
Conc: 558.22 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB169463BS

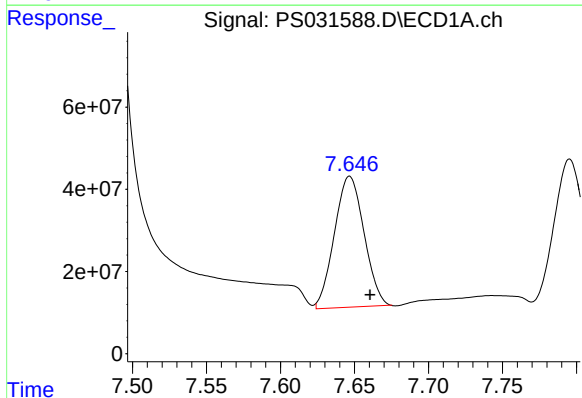
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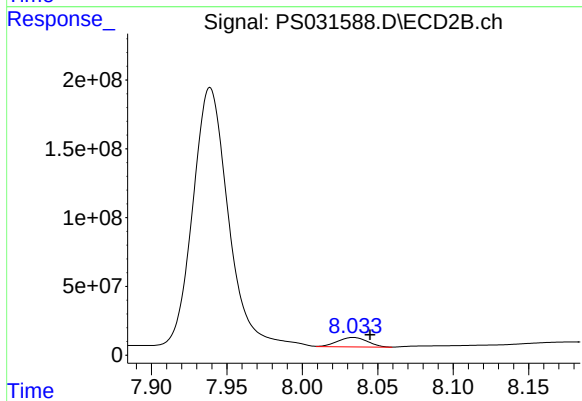
#5 DICAMBA

R.T.: 7.939 min
Delta R.T.: -0.008 min
Response: 3018199961
Conc: 531.12 ng/ml



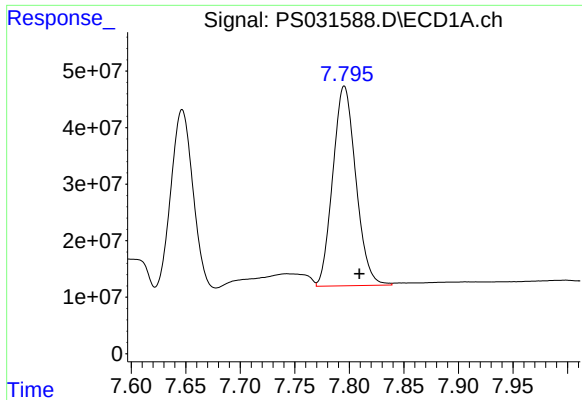
#6 MCPP

R.T.: 7.646 min
Delta R.T.: -0.014 min
Response: 443316985
Conc: 55.11 ug/ml m



#6 MCPP

R.T.: 8.033 min
Delta R.T.: -0.012 min
Response: 95665174
Conc: 54.11 ug/ml m



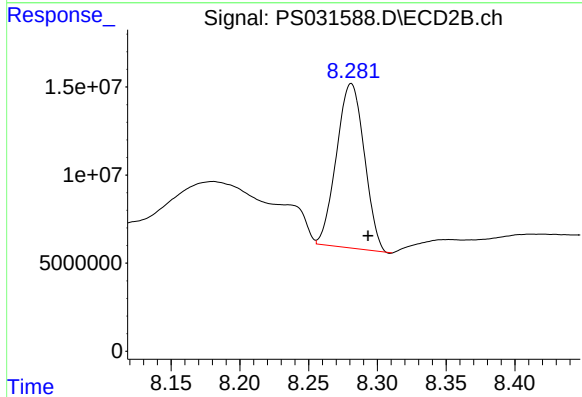
#7 MCPA

R.T.: 7.795 min
Delta R.T.: -0.014 min
Response: 518340685
Conc: 52.04 ug/ml

Instrument :
ECD_S
ClientSampleId :
PB169463BS

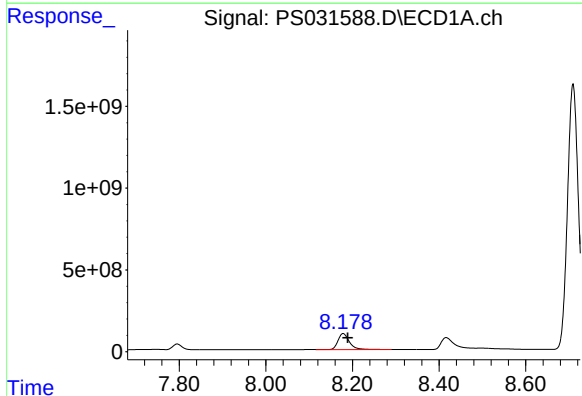
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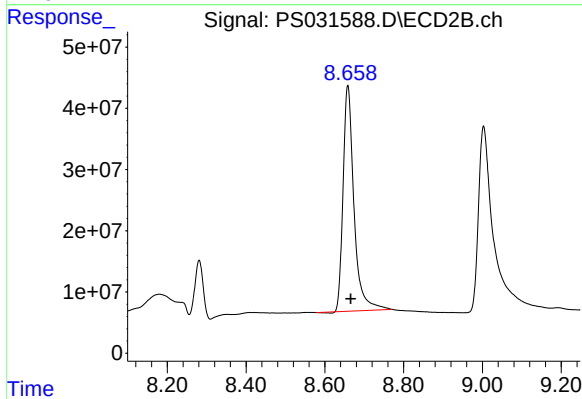
#7 MCPA

R.T.: 8.281 min
Delta R.T.: -0.012 min
Response: 131592683
Conc: 46.91 ug/ml



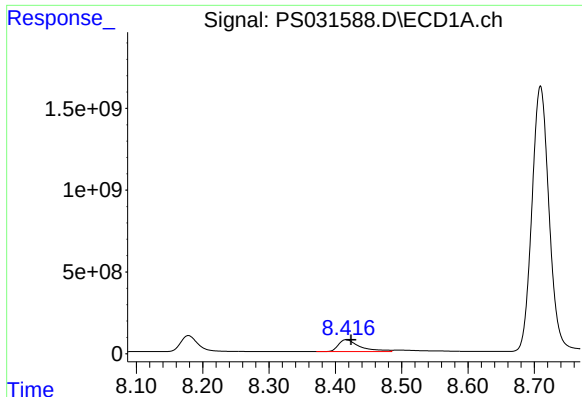
#8 DICHLORPROP

R.T.: 8.178 min
Delta R.T.: -0.011 min
Response: 1777047946
Conc: 560.15 ng/ml



#8 DICHLORPROP

R.T.: 8.658 min
Delta R.T.: -0.008 min
Response: 708136209
Conc: 530.43 ng/ml



#9 2,4-D

R.T.: 8.416 min
Delta R.T.: -0.007 min
Response: 1631393729
Conc: 567.08 ng/ml

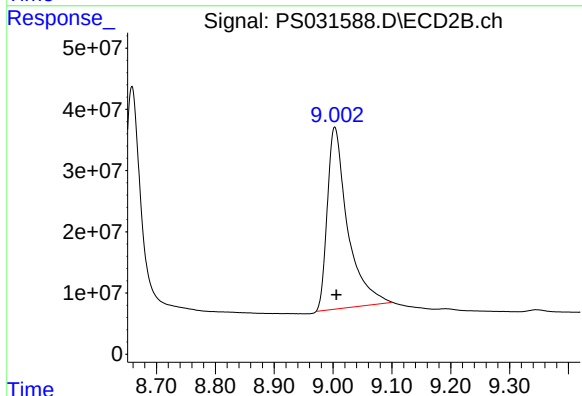
Instrument :

ECD_S

ClientSampleId :
PB169463BS

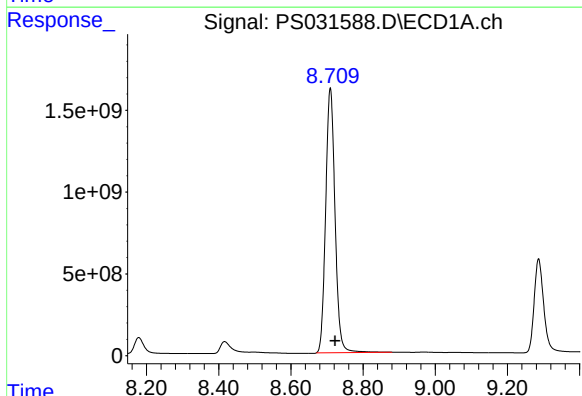
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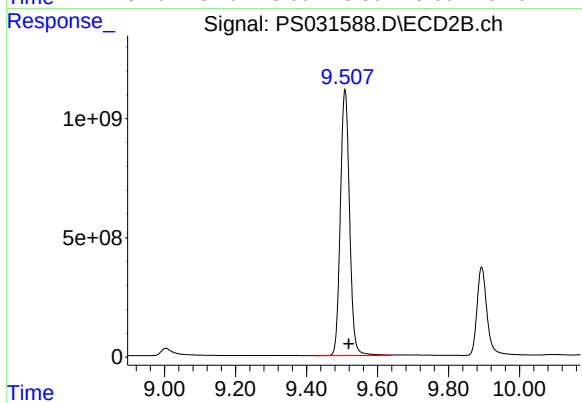
#9 2,4-D

R.T.: 9.003 min
Delta R.T.: -0.003 min
Response: 716638341
Conc: 502.10 ng/ml



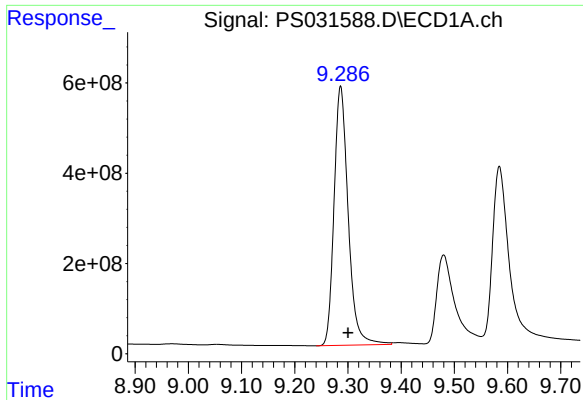
#10 Pentachlorophenol

R.T.: 8.709 min
Delta R.T.: -0.013 min
Response: 29096112699
Conc: 606.01 ng/ml



#10 Pentachlorophenol

R.T.: 9.508 min
Delta R.T.: -0.010 min
Response: 20081873761
Conc: 576.59 ng/ml



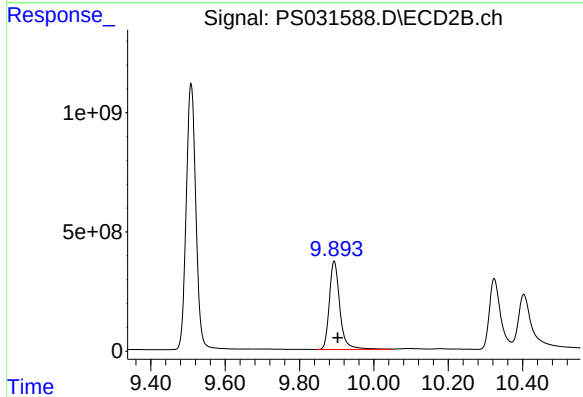
#11 2,4,5-TP (SILVEX)

R.T.: 9.286 min
Delta R.T.: -0.014 min
Response: 10588610291
Conc: 590.76 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB169463BS

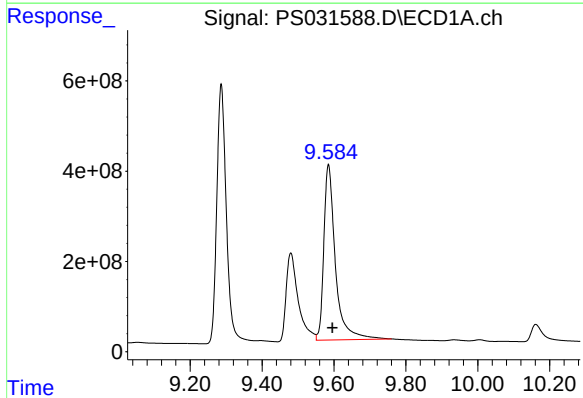
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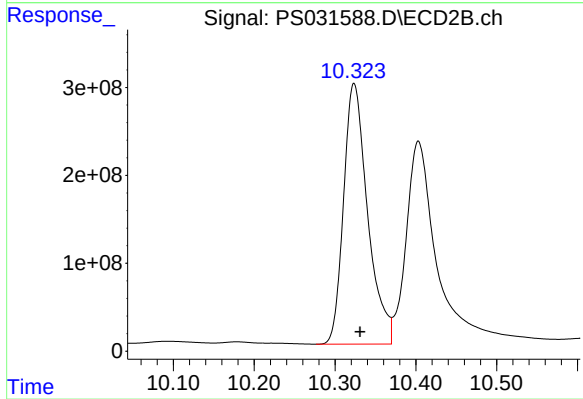
#11 2,4,5-TP (SILVEX)

R.T.: 9.893 min
Delta R.T.: -0.010 min
Response: 7302885978
Conc: 556.79 ng/ml



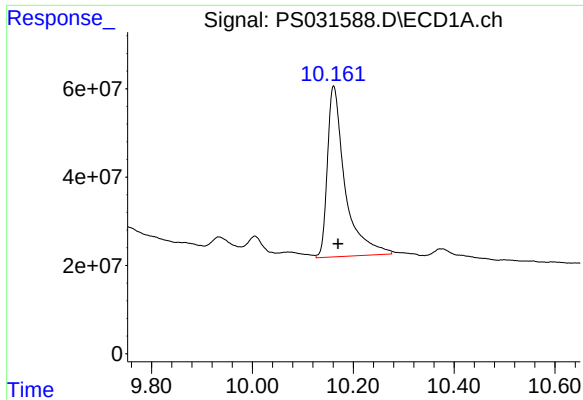
#12 2,4,5-T

R.T.: 9.585 min
Delta R.T.: -0.011 min
Response: 8709294408
Conc: 594.44 ng/ml



#12 2,4,5-T

R.T.: 10.324 min
Delta R.T.: -0.007 min
Response: 6133379322
Conc: 518.03 ng/ml



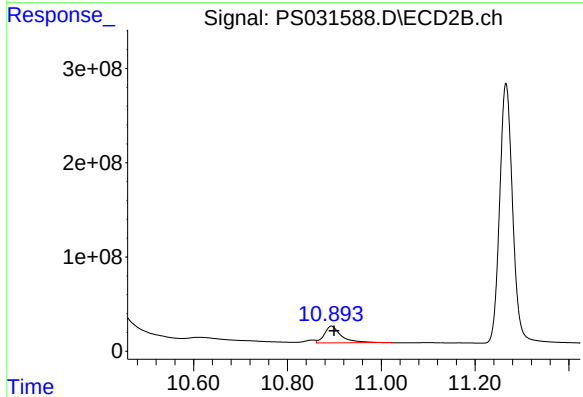
#13 2,4-DB

R.T.: 10.161 min
Delta R.T.: -0.010 min
Response: 939173267
Conc: 488.71 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB169463BS

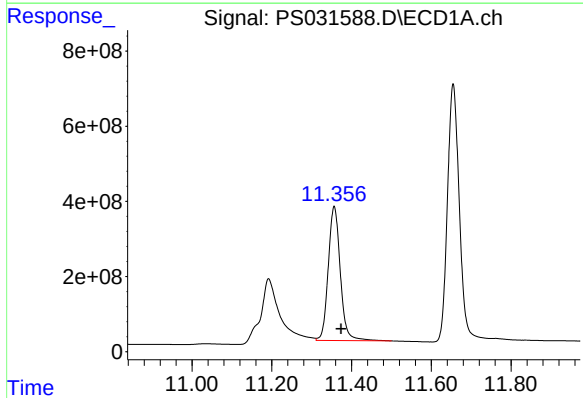
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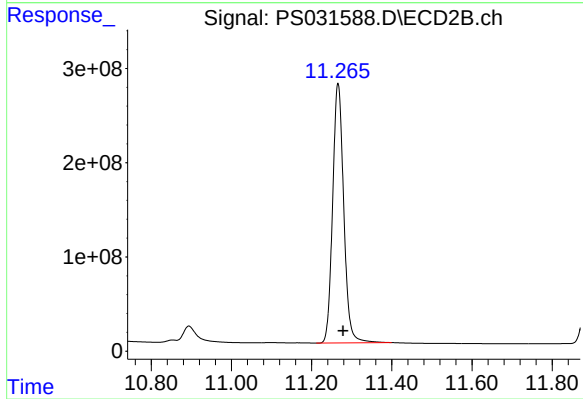
#13 2,4-DB

R.T.: 10.893 min
Delta R.T.: -0.006 min
Response: 442755524
Conc: 458.89 ng/ml m



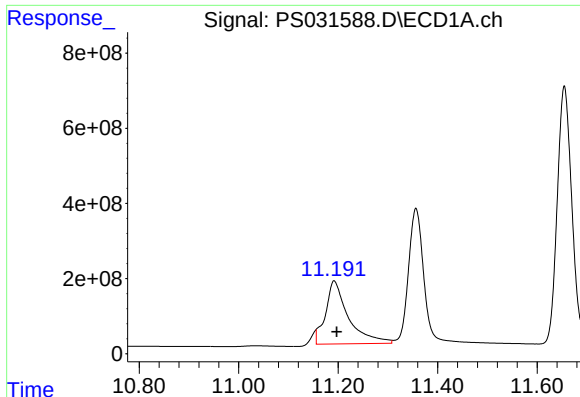
#14 DINOSEB

R.T.: 11.356 min
Delta R.T.: -0.017 min
Response: 7498900034
Conc: 591.47 ng/ml



#14 DINOSEB

R.T.: 11.266 min
Delta R.T.: -0.013 min
Response: 5289368729
Conc: 559.31 ng/ml



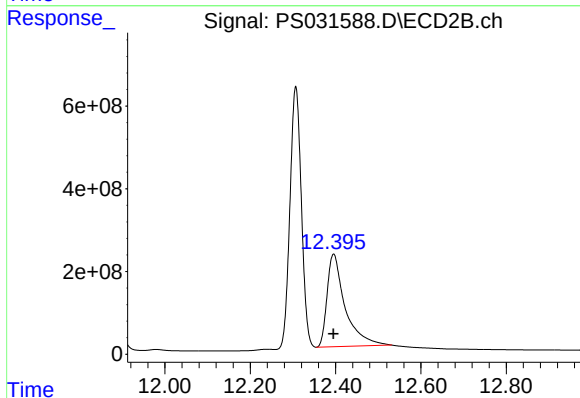
#15 Picloram

R.T.: 11.191 min
Delta R.T.: -0.006 min
Response: 5350532346
Conc: 409.87 ng/ml

Instrument :
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PB169463BS

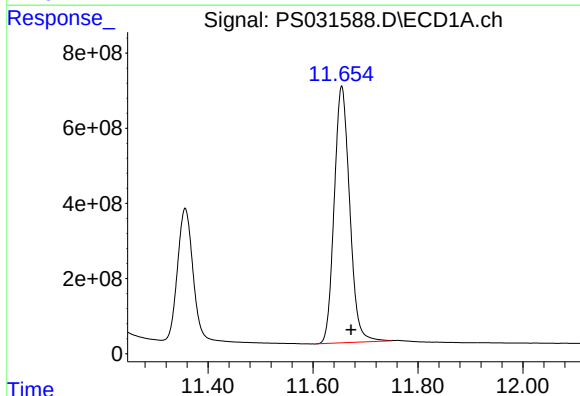
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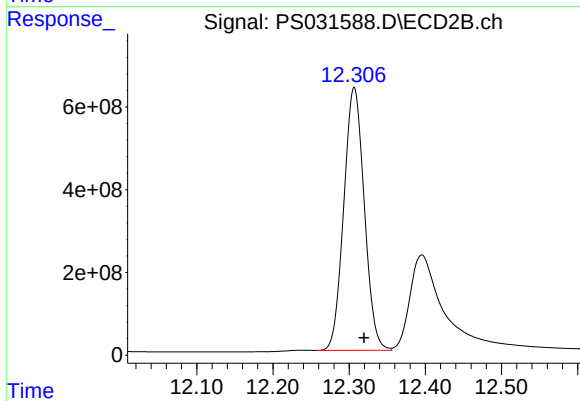
#15 Picloram

R.T.: 12.395 min
Delta R.T.: 0.000 min
Response: 6557404403
Conc: 374.07 ng/ml



#16 DCPA

R.T.: 11.654 min
Delta R.T.: -0.018 min
Response: 13946273667
Conc: 612.23 ng/ml m



#16 DCPA

R.T.: 12.306 min
Delta R.T.: -0.013 min
Response: 11901625611
Conc: 604.13 ng/ml m