

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS082725\
 Data File : PS031553.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Aug 2025 15:09
 Operator : AR\AJ
 Sample : PB169399BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PB169399BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 08/28/2025
 Supervised By :mohammad ahmed 08/29/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 28 01:36:40 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	7.739	1670.3E6	395.2E6	526.261	467.512
Target Compounds							
1) T	Dalapon	2.670	2.684	2232.3E6	1076.4E6	425.291	404.502
2) T	3,5-DICHL...	6.454	6.690	2379.7E6	639.2E6	504.357	472.782
3) T	4-Nitroph...	7.095	7.289	520.2E6	504.5E6	504.209	401.386
5) T	DICAMBA	7.472	7.935	6752.5E6	2620.1E6	483.479	461.074
6) T	MCPD	7.649	8.030	334.3E6	80212397	41.552	45.373m
7) T	MCPA	7.799	8.277	457.6E6	112.7E6	45.936	40.164
8) T	DICHLORPROP	8.181	8.655	1565.2E6	620.0E6	493.380	464.424
9) T	2,4-D	8.418	8.998	1513.9E6	594.4E6	526.232	416.483
10) T	Pentachlo...	8.713	9.505	26311.1E6	17556.5E6	548.007	504.087
11) T	2,4,5-TP ...	9.290	9.890	9464.1E6	6265.3E6	528.018	477.680
12) T	2,4,5-T	9.588	10.320	8209.6E6	5462.4E6	560.336	461.362
13) T	2,4-DB	10.165	10.889	994.8E6	383.8E6	517.644	397.750
14) T	DINOSEB	11.362	11.264	7010.4E6	4641.4E6	552.934	490.796
15) T	Picloram	11.193	12.388	6185.4E6	6741.6E6	473.829m	384.581
16) T	DCPA	11.661	12.305	12797.9E6	10426.4E6	561.820m	529.247m

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

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Acq On : 27 Aug 2025 15:09
Operator : AR\AJ
Sample : PB169399BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

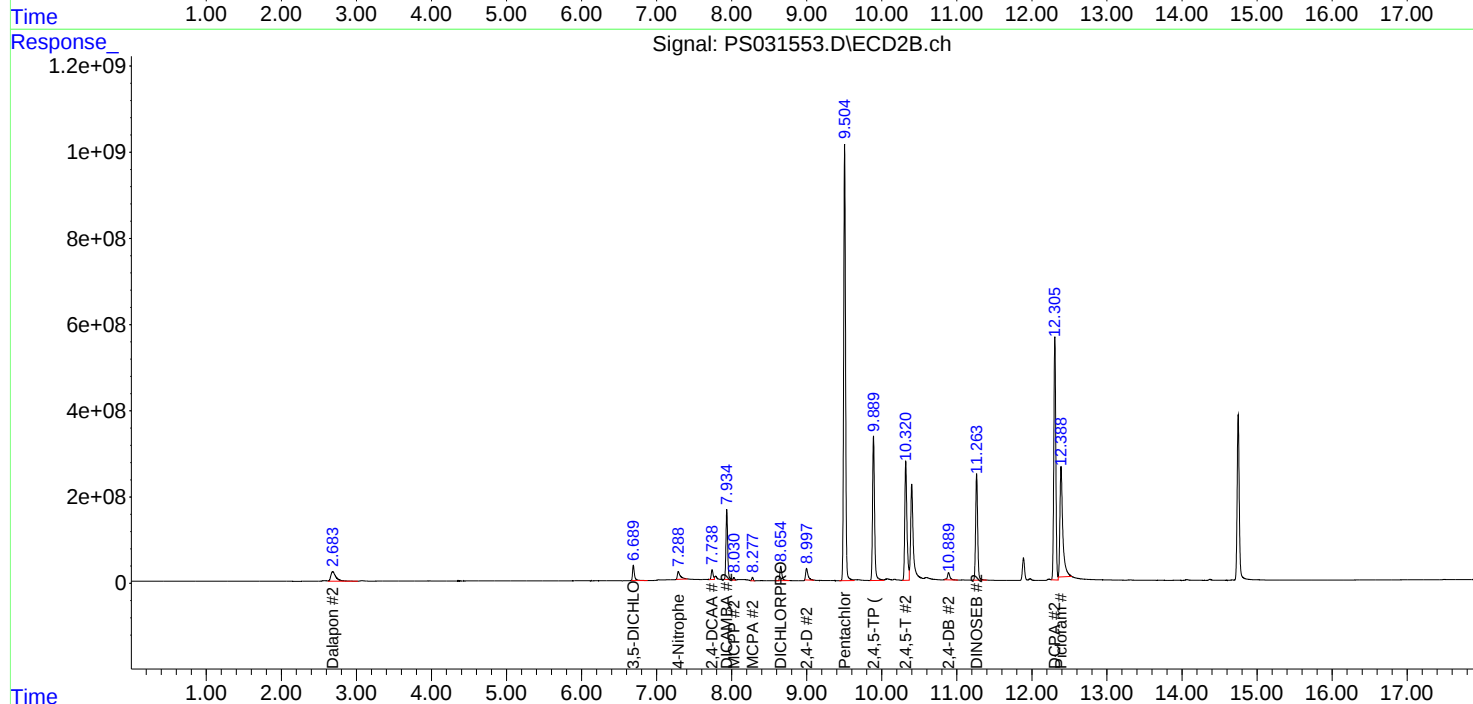
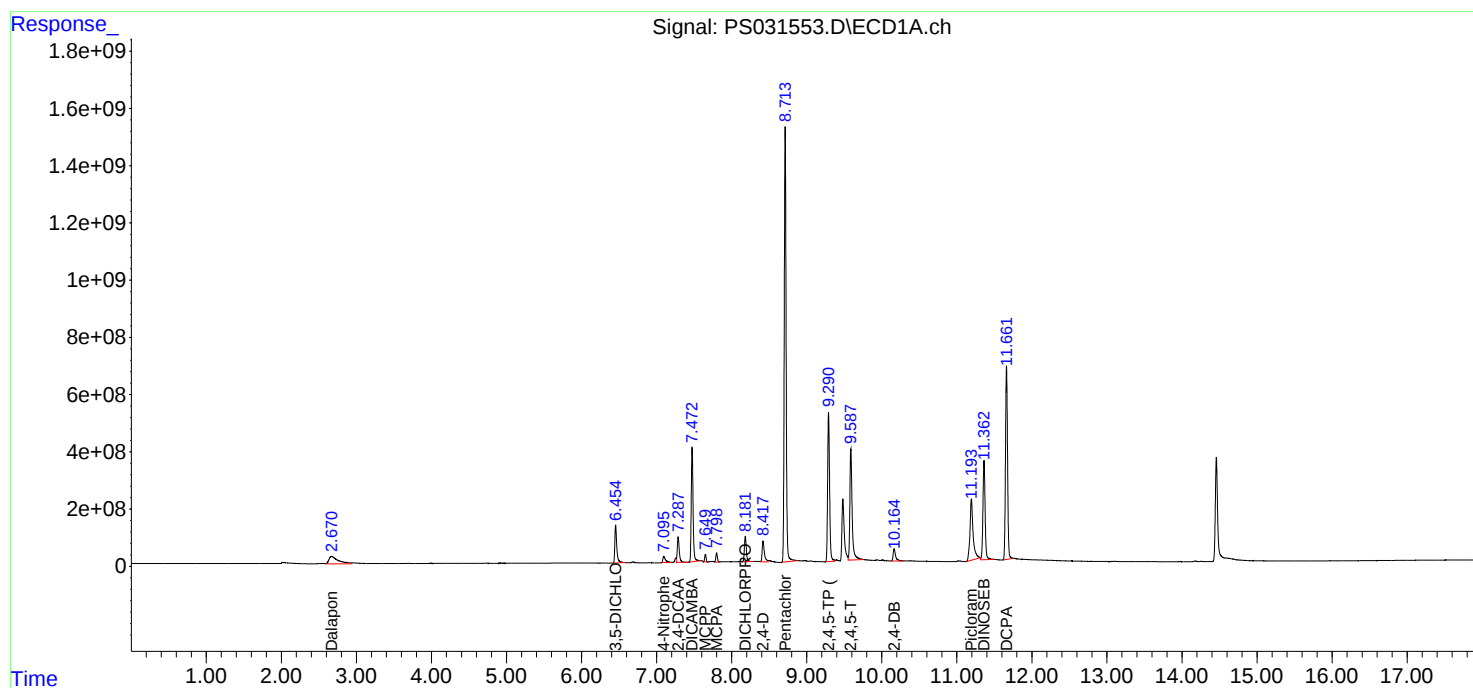
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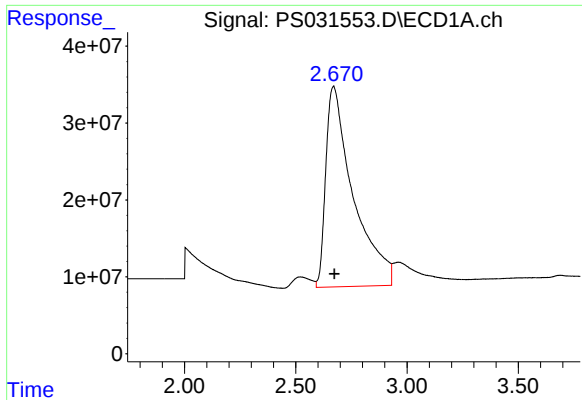
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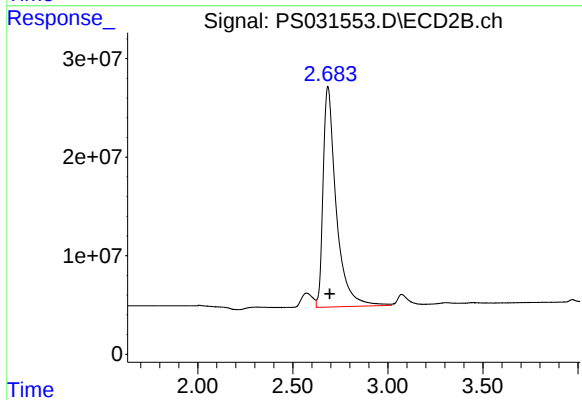
#1 Dalapon

R.T.: 2.670 min
Delta R.T.: -0.004 min
Response: 2232322929
Conc: 425.29 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB169399BS

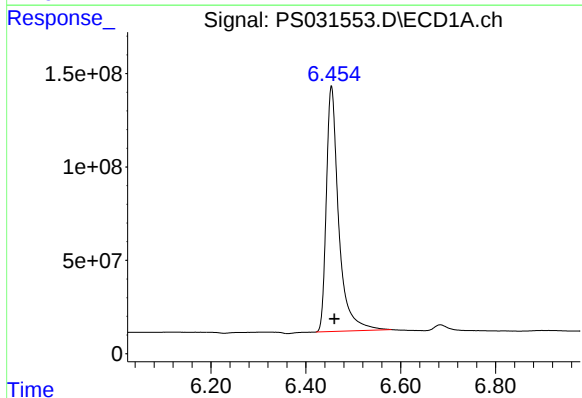
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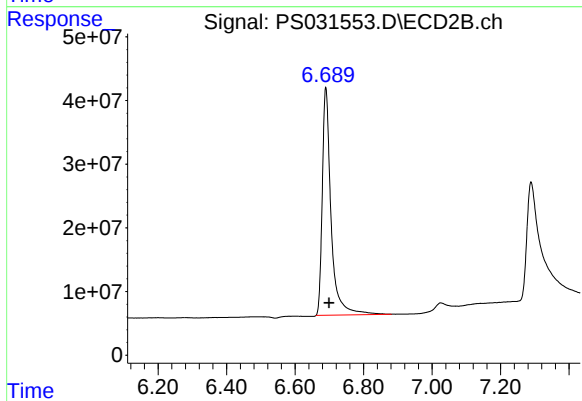
#1 Dalapon

R.T.: 2.684 min
Delta R.T.: -0.011 min
Response: 1076385203
Conc: 404.50 ng/ml



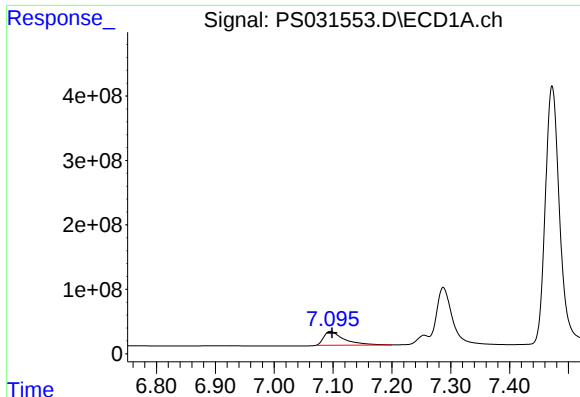
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.454 min
Delta R.T.: -0.007 min
Response: 2379717333
Conc: 504.36 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.690 min
Delta R.T.: -0.009 min
Response: 639167301
Conc: 472.78 ng/ml



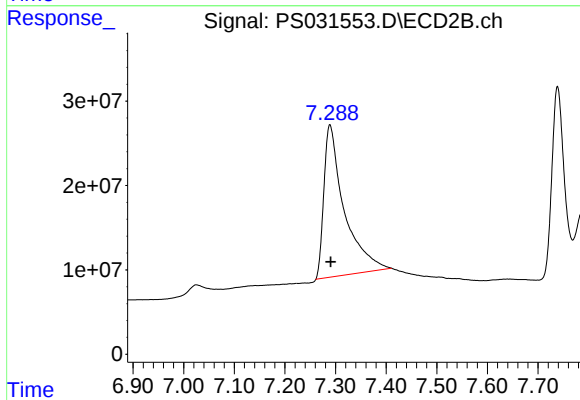
#3 4-Nitrophenol

R.T.: 7.095 min
Delta R.T.: -0.003 min
Response: 520182645
Conc: 504.21 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB169399BS

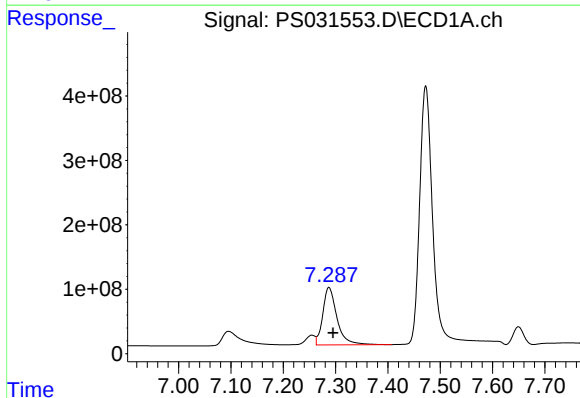
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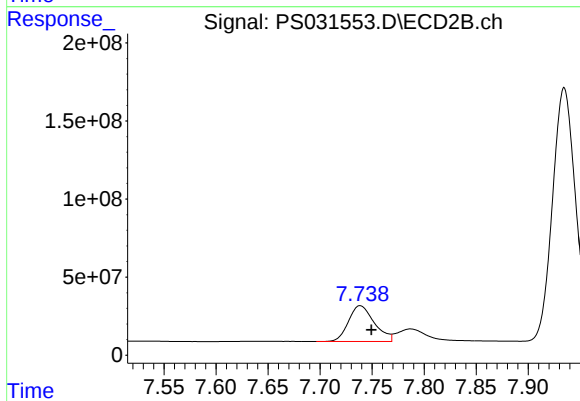
#3 4-Nitrophenol

R.T.: 7.289 min
Delta R.T.: -0.001 min
Response: 504497914
Conc: 401.39 ng/ml



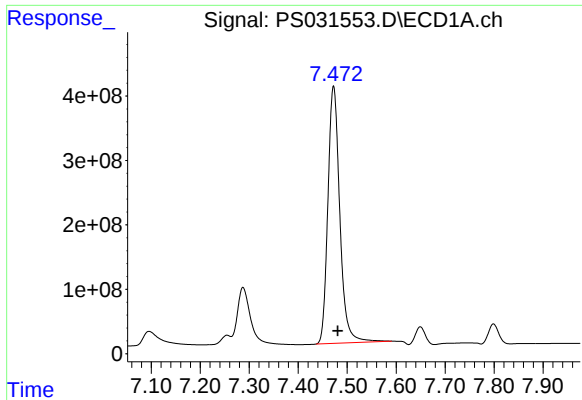
#4 2,4-DCAA

R.T.: 7.287 min
Delta R.T.: -0.008 min
Response: 1670345373
Conc: 526.26 ng/ml



#4 2,4-DCAA

R.T.: 7.739 min
Delta R.T.: -0.011 min
Response: 395206108
Conc: 467.51 ng/ml



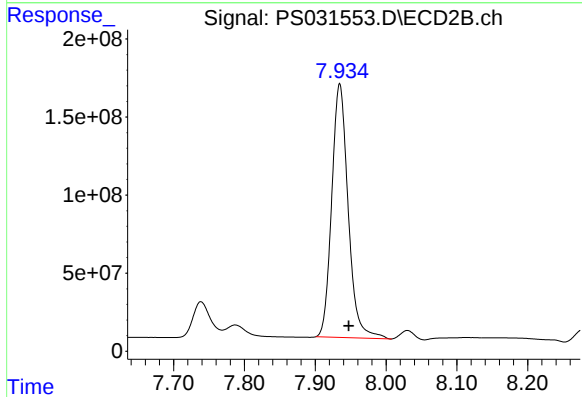
#5 DICAMBA

R.T.: 7.472 min
Delta R.T.: -0.008 min
Response: 6752494245
Conc: 483.48 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB169399BS

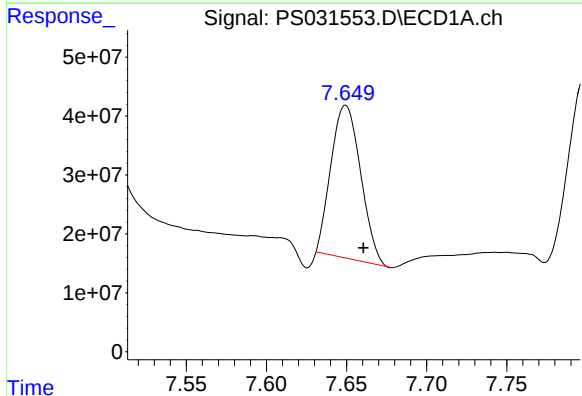
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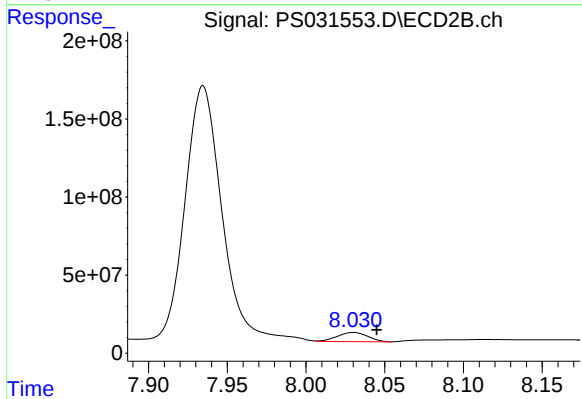
#5 DICAMBA

R.T.: 7.935 min
Delta R.T.: -0.013 min
Response: 2620138607
Conc: 461.07 ng/ml



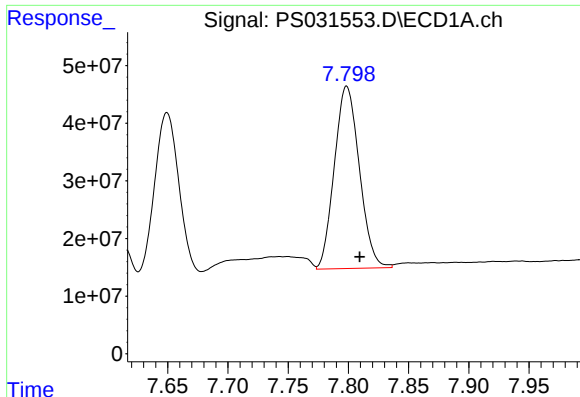
#6 MCPP

R.T.: 7.649 min
Delta R.T.: -0.011 min
Response: 334276462
Conc: 41.55 ug/ml



#6 MCPP

R.T.: 8.030 min
Delta R.T.: -0.015 min
Response: 80212397
Conc: 45.37 ug/ml m



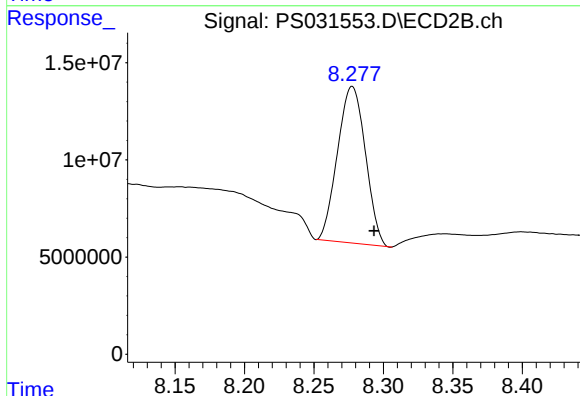
#7 MCPA

R.T.: 7.799 min
Delta R.T.: -0.011 min
Response: 457587498
Conc: 45.94 ug/ml

Instrument :
ECD_S
ClientSampleId :
PB169399BS

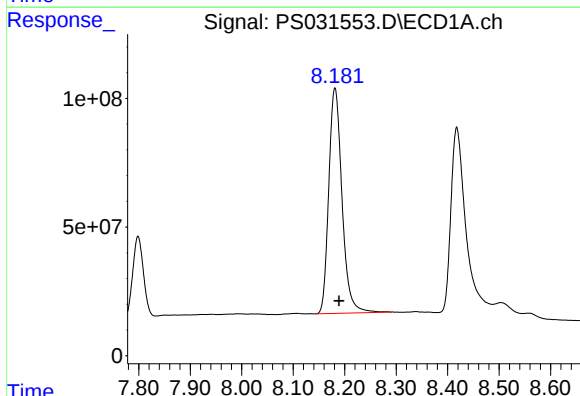
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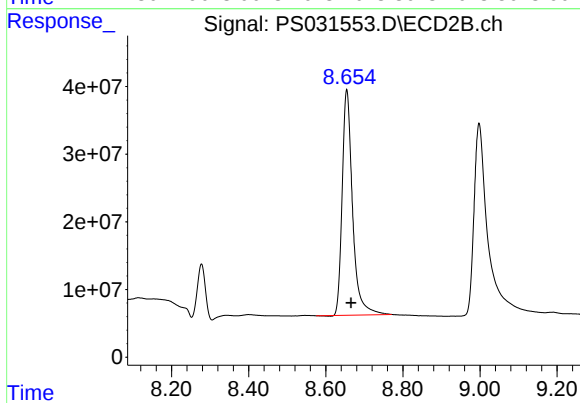
#7 MCPA

R.T.: 8.277 min
Delta R.T.: -0.016 min
Response: 112679952
Conc: 40.16 ug/ml



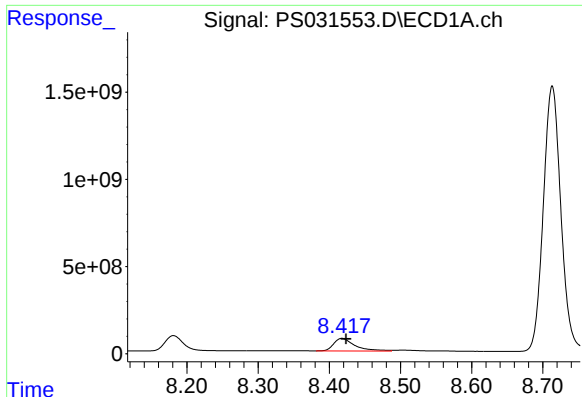
#8 DICHLORPROP

R.T.: 8.181 min
Delta R.T.: -0.008 min
Response: 1565214893
Conc: 493.38 ng/ml



#8 DICHLORPROP

R.T.: 8.655 min
Delta R.T.: -0.011 min
Response: 620021046
Conc: 464.42 ng/ml



#9 2,4-D

R.T.: 8.418 min
Delta R.T.: -0.006 min
Response: 1513873022
Conc: 526.23 ng/ml

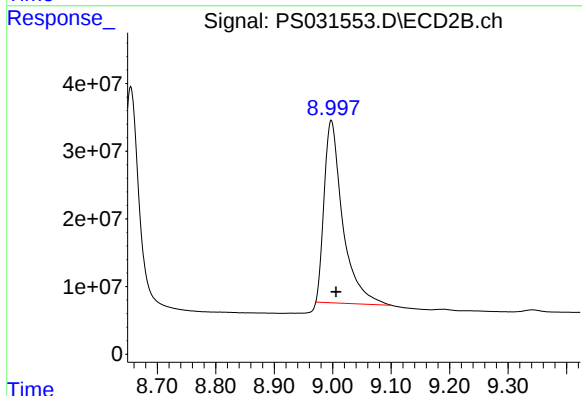
Instrument :

ECD_S

ClientSampleId :
PB169399BS

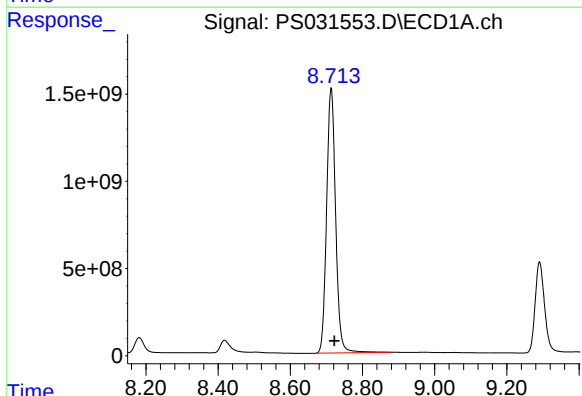
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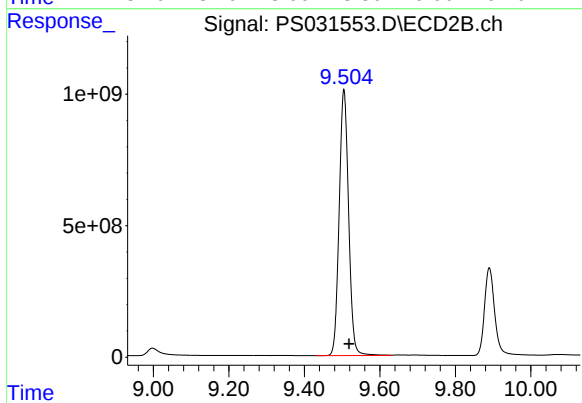
#9 2,4-D

R.T.: 8.998 min
Delta R.T.: -0.008 min
Response: 594440790
Conc: 416.48 ng/ml



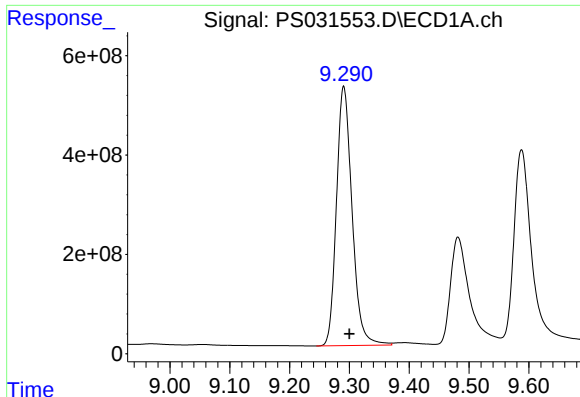
#10 Pentachlorophenol

R.T.: 8.713 min
Delta R.T.: -0.009 min
Response: 26311117806
Conc: 548.01 ng/ml



#10 Pentachlorophenol

R.T.: 9.505 min
Delta R.T.: -0.014 min
Response: 17556541244
Conc: 504.09 ng/ml



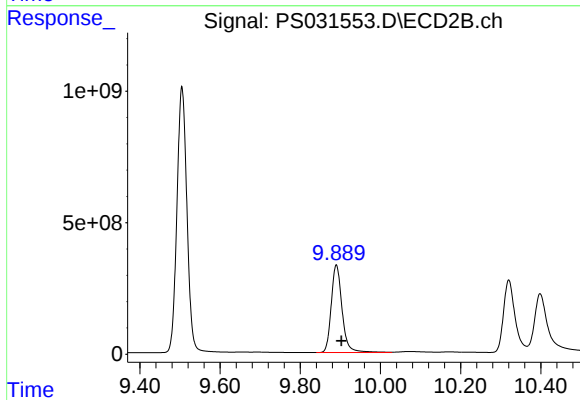
#11 2,4,5-TP (SILVEX)

R.T.: 9.290 min
Delta R.T.: -0.010 min
Response: 9464050911
Conc: 528.02 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB169399BS

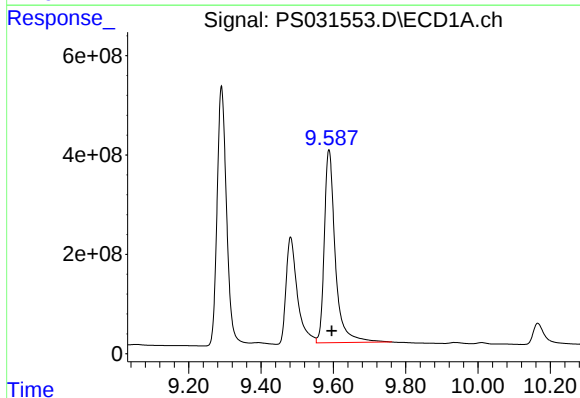
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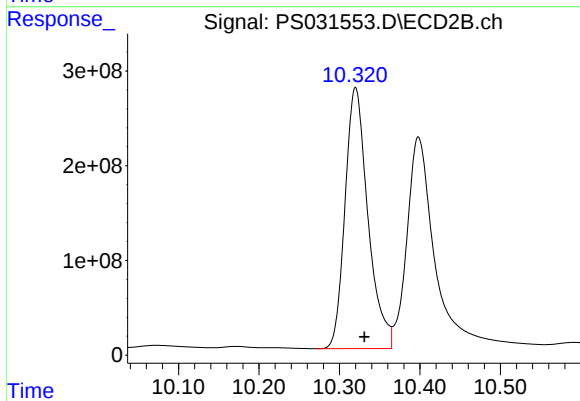
#11 2,4,5-TP (SILVEX)

R.T.: 9.890 min
Delta R.T.: -0.013 min
Response: 6265262337
Conc: 477.68 ng/ml



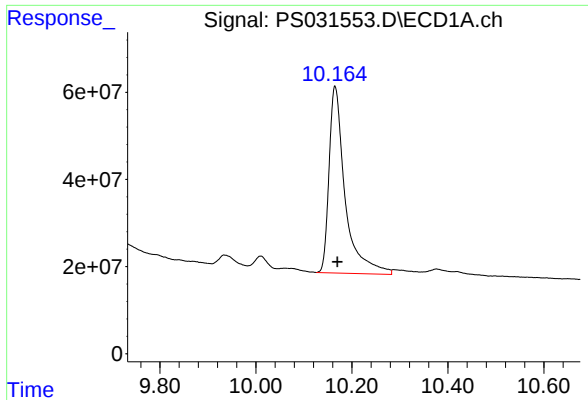
#12 2,4,5-T

R.T.: 9.588 min
Delta R.T.: -0.008 min
Response: 8209616656
Conc: 560.34 ng/ml



#12 2,4,5-T

R.T.: 10.320 min
Delta R.T.: -0.011 min
Response: 5462419686
Conc: 461.36 ng/ml



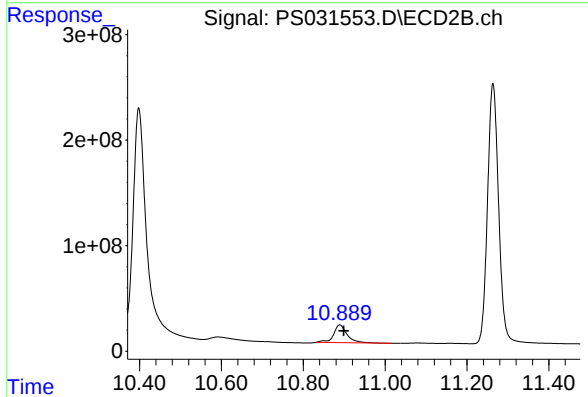
#13 2,4-DB

R.T.: 10.165 min
Delta R.T.: -0.005 min
Response: 994767961
Conc: 517.64 ng/ml

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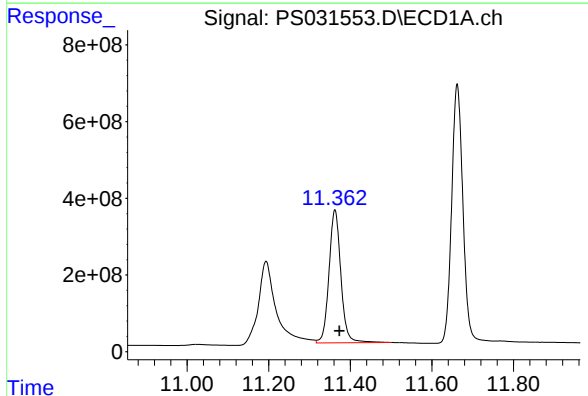
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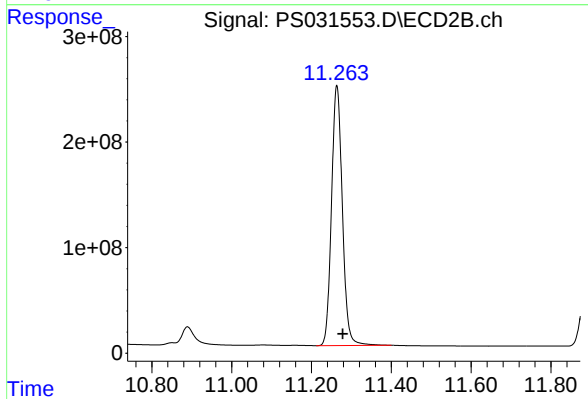
#13 2,4-DB

R.T.: 10.889 min
Delta R.T.: -0.010 min
Response: 383767402
Conc: 397.75 ng/ml



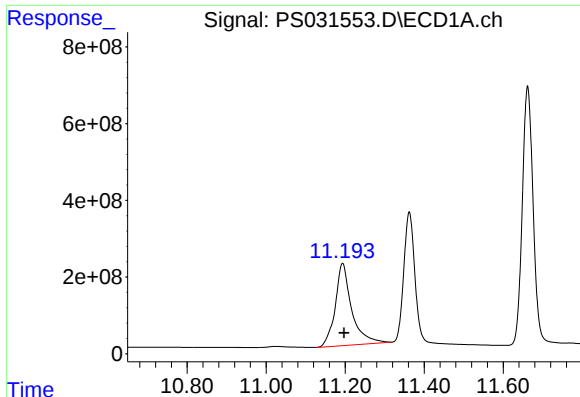
#14 DINOSEB

R.T.: 11.362 min
Delta R.T.: -0.011 min
Response: 7010357888
Conc: 552.93 ng/ml



#14 DINOSEB

R.T.: 11.264 min
Delta R.T.: -0.015 min
Response: 4641431562
Conc: 490.80 ng/ml



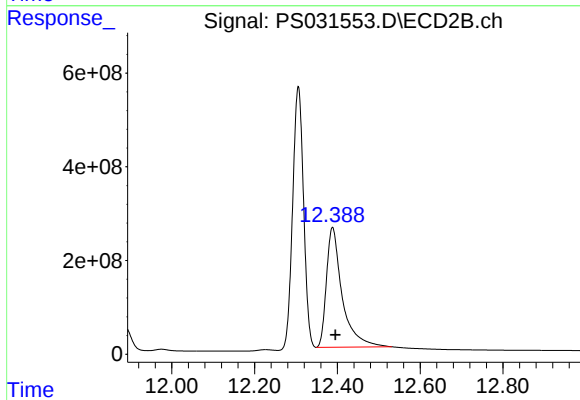
#15 Picloram

R.T.: 11.193 min
Delta R.T.: -0.004 min
Response: 6185433664
Conc: 473.83 ng/ml

Instrument :
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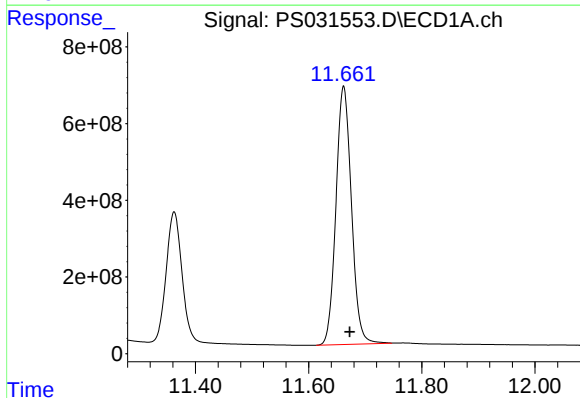
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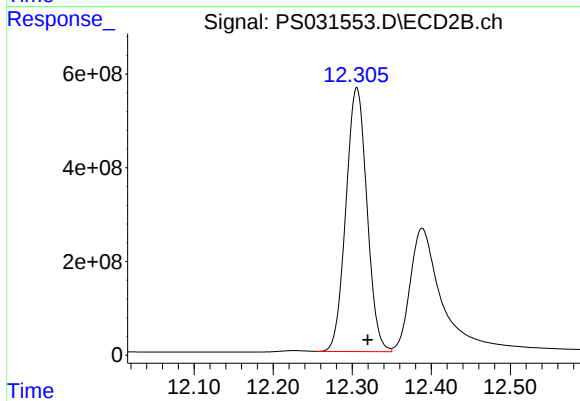
#15 Picloram

R.T.: 12.388 min
Delta R.T.: -0.007 min
Response: 6741594109
Conc: 384.58 ng/ml



#16 DCPA

R.T.: 11.661 min
Delta R.T.: -0.011 min
Response: 12797877296
Conc: 561.82 ng/ml m



#16 DCPA

R.T.: 12.305 min
Delta R.T.: -0.014 min
Response: 10426370268
Conc: 529.25 ng/ml m