

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS080125\
 Data File : PS031345.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Aug 2025 17:05
 Operator : AR\AJ
 Sample : PB169088BSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PB169088BSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 08/04/2025
 Supervised By : mohammad ahmed 08/05/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 01 23:34:08 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072925.M
 Quant Title : 8080.M
 QLast Update : Tue Jul 29 18:38:25 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	7.303	7.755	1722.2E6	449.6E6	591.139	538.358
Target Compounds							
1) T	Dalapon	2.681	2.699	2375.2E6	1151.3E6	492.323	468.752
2) T	3,5-DICHL...	6.467	6.705	2357.7E6	655.6E6	553.060m	507.362
3) T	4-Nitroph...	7.104	7.296	619.0E6	608.6E6	607.916	471.454
5) T	DICAMBA	7.490	7.955	6756.7E6	2687.0E6	522.938m	495.670m
6) T	MCPD	7.669	8.052	439.3E6	97652405	54.618m	57.127m
7) T	MCPA	7.819	8.300	539.0E6	137.0E6	55.132	52.832
8) T	DICHLORPROP	8.199	8.674	1630.8E6	657.3E6	536.444	505.595
9) T	2,4-D	8.432	9.013	1530.7E6	710.9E6	590.236	509.380
10) T	Pentachlo...	8.731	9.527	26432.7E6	17803.9E6	581.210m	531.516
11) T	2,4,5-TP ...	9.311	9.912	9652.4E6	6500.7E6	579.329	511.753
12) T	2,4,5-T	9.606	10.340	8400.7E6	5972.9E6	631.598	512.054
13) T	2,4-DB	10.181	10.909	1079.1E6	487.0E6	617.590m	504.225
14) T	DINOSEB	11.388	11.289	6700.0E6	4704.5E6	584.462	503.697
15) T	Picloram	11.207	12.406	7256.1E6	8643.9E6	619.670m	505.642
16) T	DCPA	11.686	12.332	12899.9E6	9652.5E6	622.099m	517.512m

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

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Acq On : 01 Aug 2025 17:05
Operator : AR\AJ
Sample : PB169088BSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

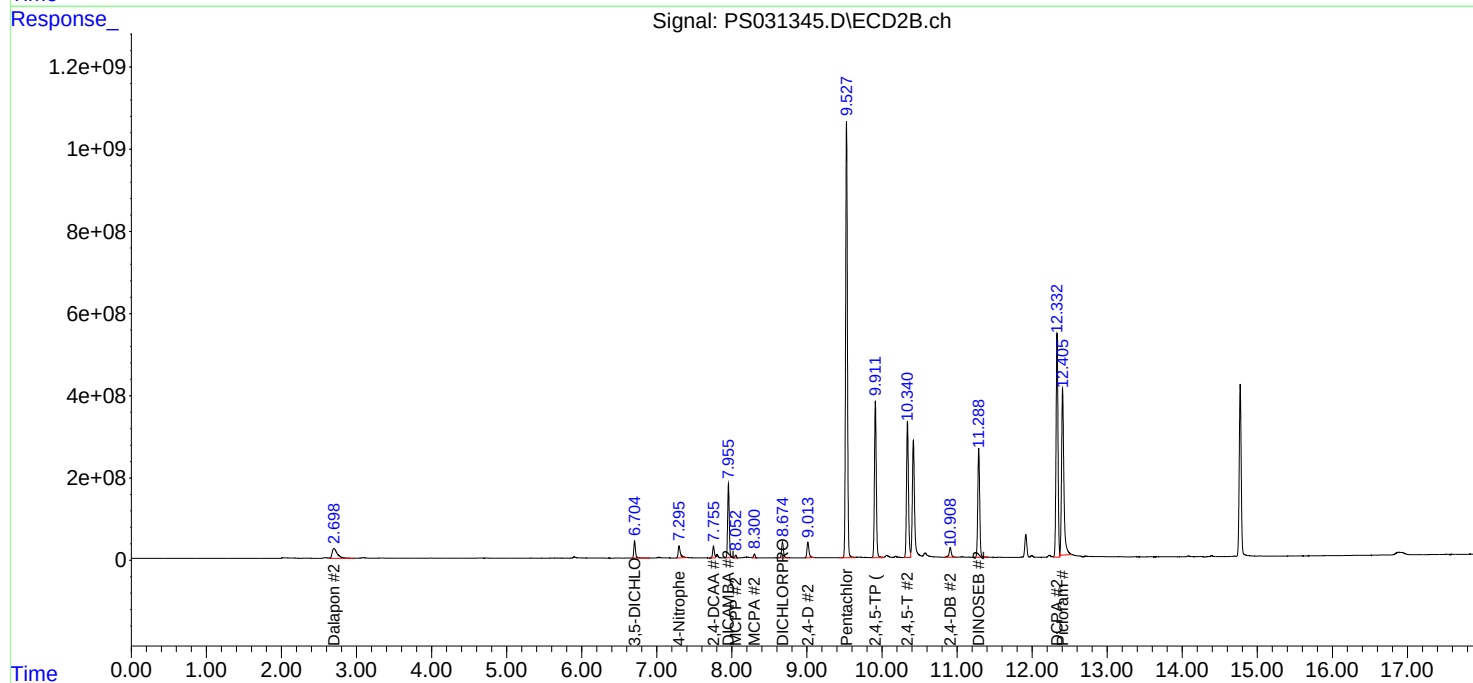
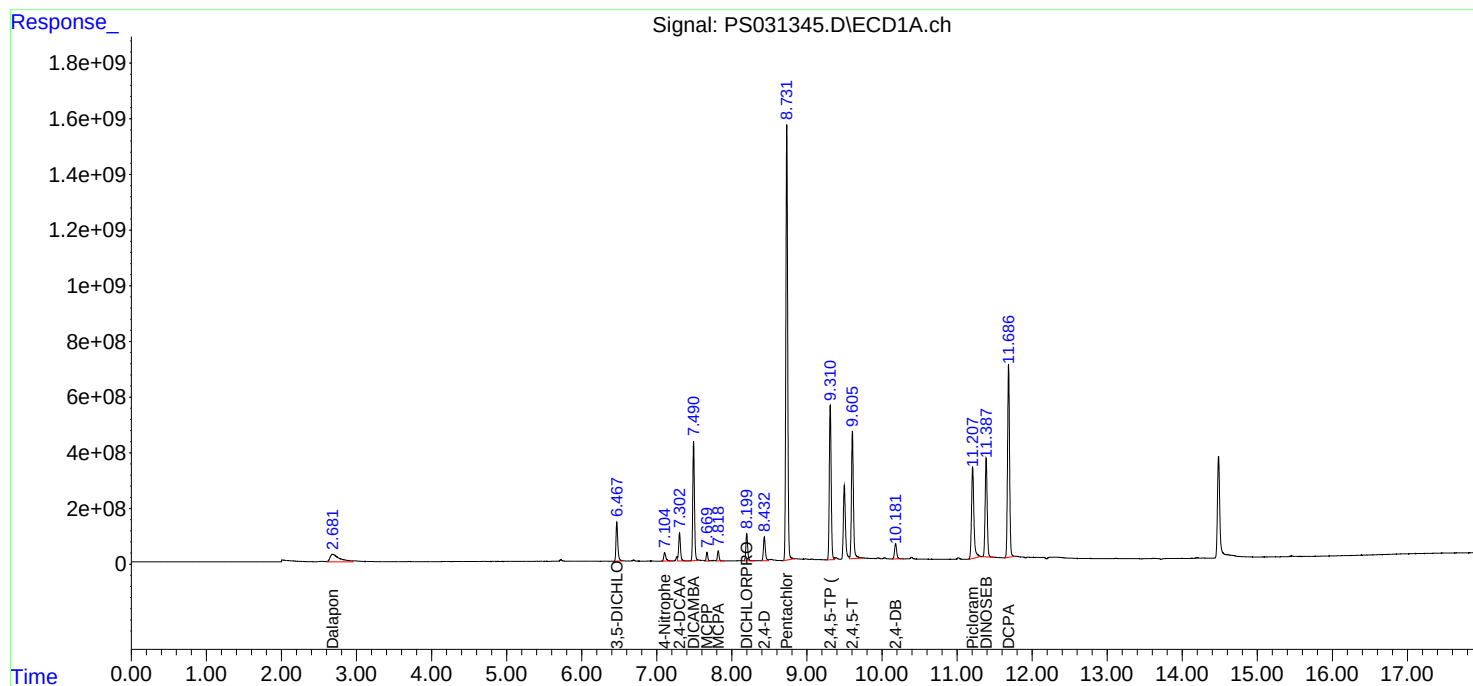
Instrument :
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ClientSampleId :
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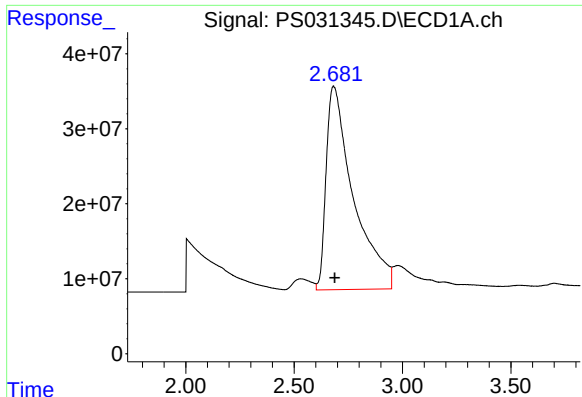
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Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





#1 Dalapon

R.T.: 2.681 min
Delta R.T.: -0.006 min
Response: 2375240246
Conc: 492.32 ng/ml

Instrument :

ECD_S

ClientSampleId :

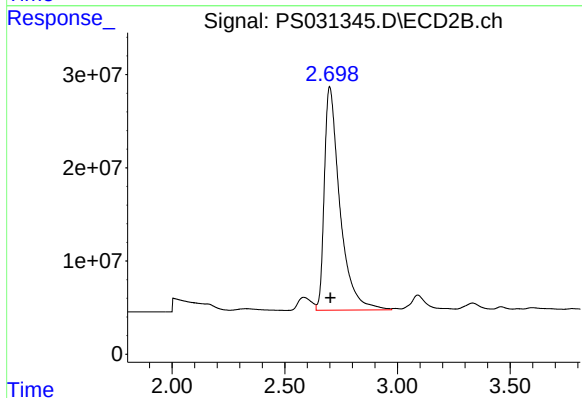
PB169088BSD

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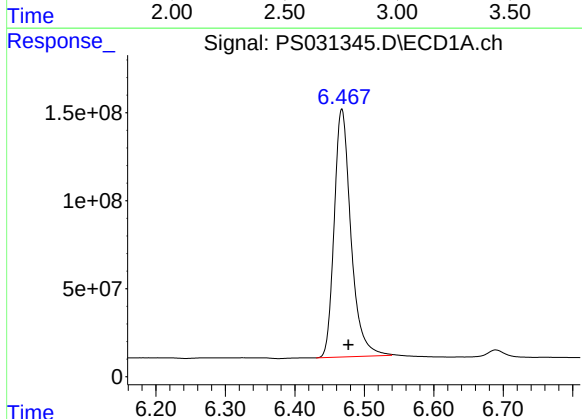
Reviewed By :Abdul Mirza 08/04/2025

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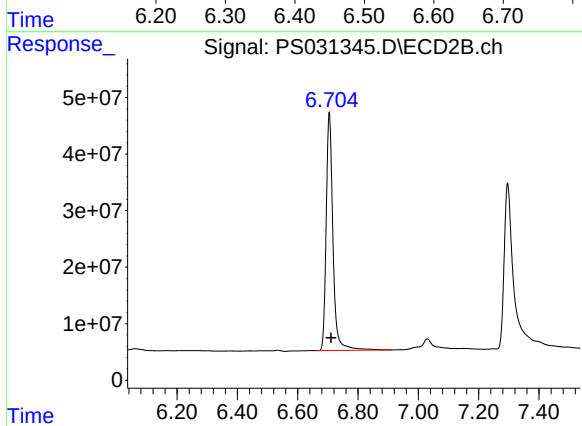
#1 Dalapon

R.T.: 2.699 min
Delta R.T.: -0.004 min
Response: 1151342691
Conc: 468.75 ng/ml



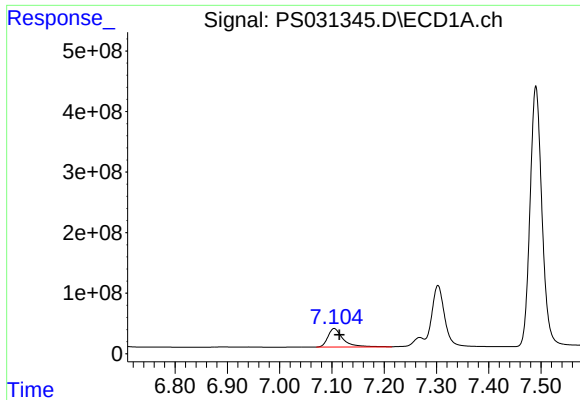
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.467 min
Delta R.T.: -0.010 min
Response: 2357659920
Conc: 553.06 ng/ml m



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.705 min
Delta R.T.: -0.006 min
Response: 655649131
Conc: 507.36 ng/ml



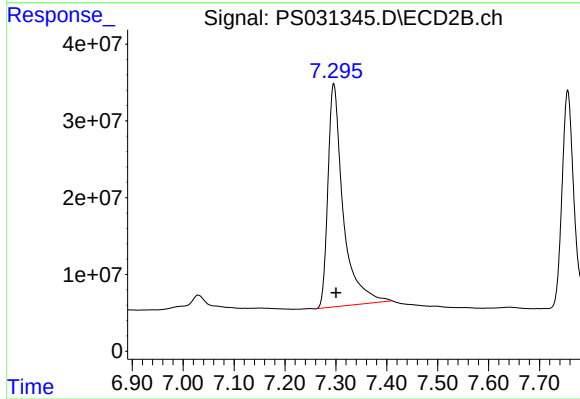
#3 4-Nitrophenol

R.T.: 7.104 min
Delta R.T.: -0.010 min
Response: 618980520
Conc: 607.92 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB169088BSD

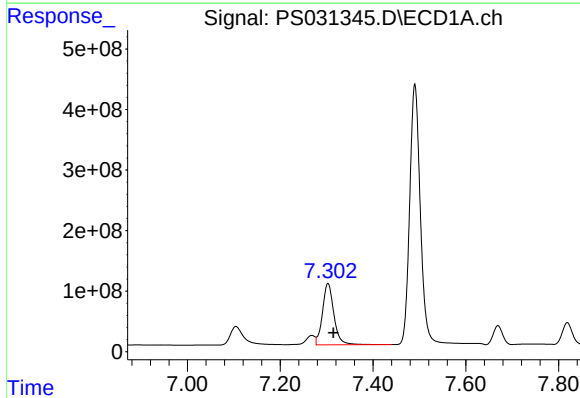
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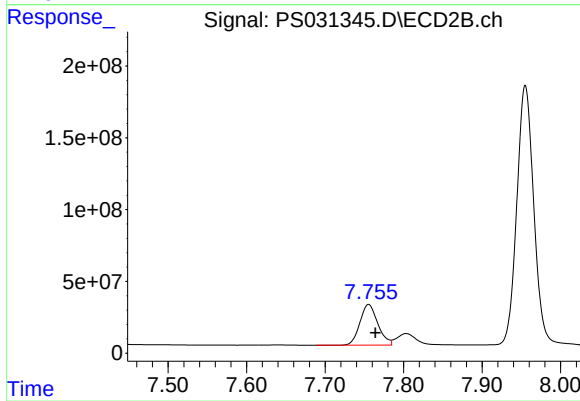
#3 4-Nitrophenol

R.T.: 7.296 min
Delta R.T.: -0.004 min
Response: 608606151
Conc: 471.45 ng/ml



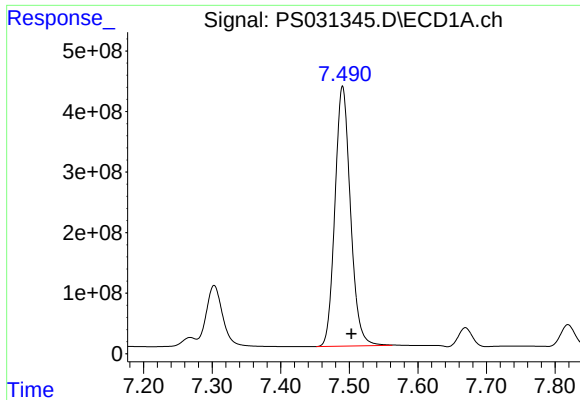
#4 2,4-DCAA

R.T.: 7.303 min
Delta R.T.: -0.012 min
Response: 1722227630
Conc: 591.14 ng/ml



#4 2,4-DCAA

R.T.: 7.755 min
Delta R.T.: -0.009 min
Response: 449572238
Conc: 538.36 ng/ml



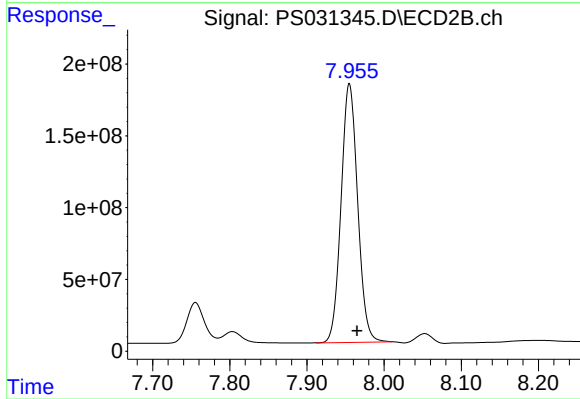
#5 DICAMBA

R.T.: 7.490 min
Delta R.T.: -0.013 min
Response: 6756668625
Conc: 522.94 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB169088BSD

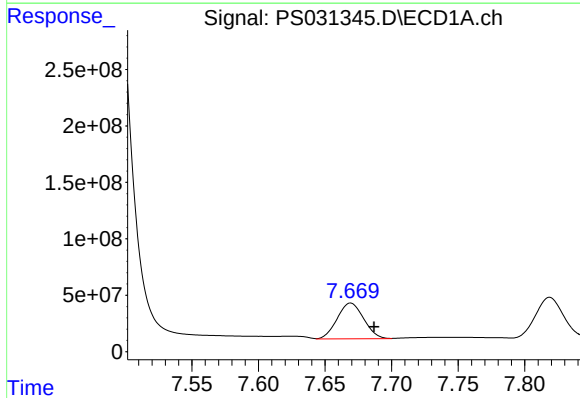
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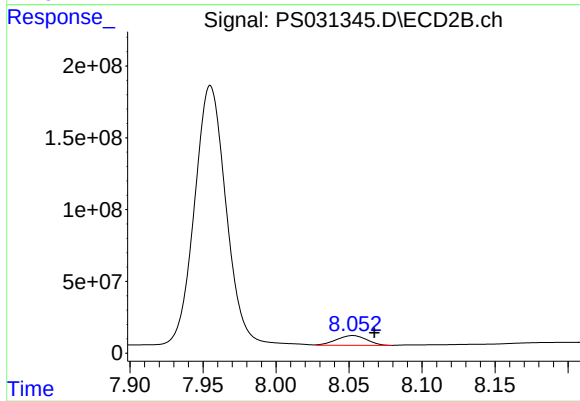
#5 DICAMBA

R.T.: 7.955 min
Delta R.T.: -0.010 min
Response: 2686950683
Conc: 495.67 ng/ml m



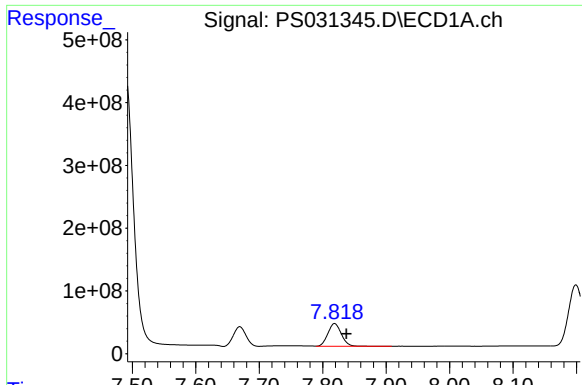
#6 MCP

R.T.: 7.669 min
Delta R.T.: -0.018 min
Response: 439277646
Conc: 54.62 ug/ml m



#6 MCP

R.T.: 8.052 min
Delta R.T.: -0.015 min
Response: 97652405
Conc: 57.13 ug/ml m



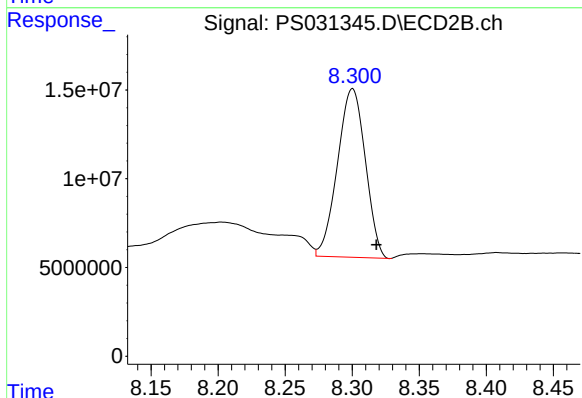
#7 MCPA

R.T.: 7.819 min
Delta R.T.: -0.019 min
Response: 538971416
Conc: 55.13 ug/ml

Instrument :
ECD_S
ClientSampleId :
PB169088BSD

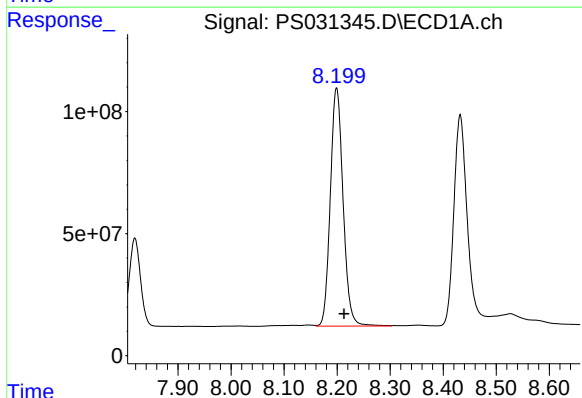
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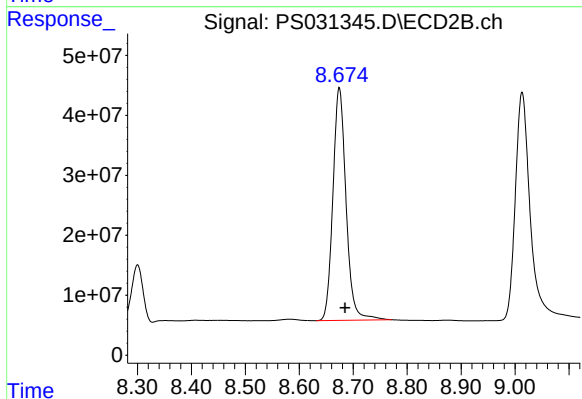
#7 MCPA

R.T.: 8.300 min
Delta R.T.: -0.018 min
Response: 137042618
Conc: 52.83 ug/ml



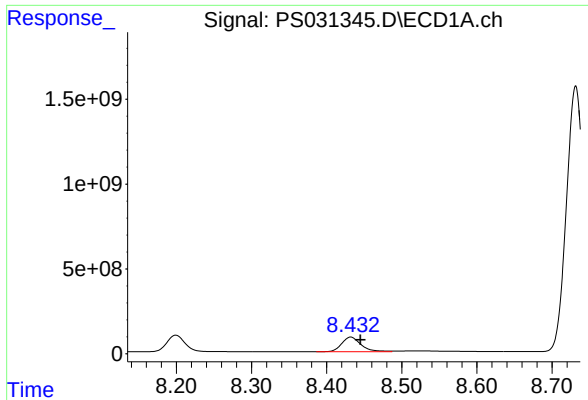
#8 DICHLORPROP

R.T.: 8.199 min
Delta R.T.: -0.014 min
Response: 1630797403
Conc: 536.44 ng/ml



#8 DICHLORPROP

R.T.: 8.674 min
Delta R.T.: -0.010 min
Response: 657302225
Conc: 505.59 ng/ml



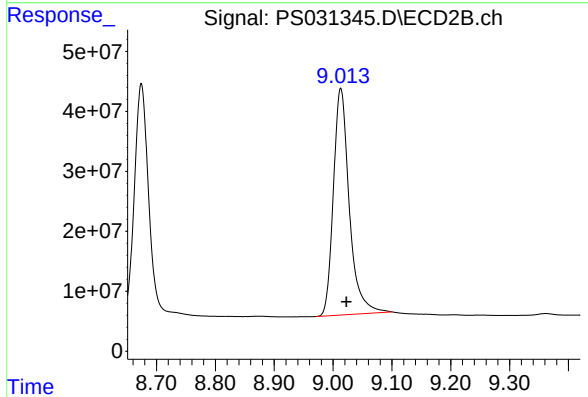
#9 2,4-D

R.T.: 8.432 min
Delta R.T.: -0.013 min
Response: 1530682362
Conc: 590.24 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB169088BSD

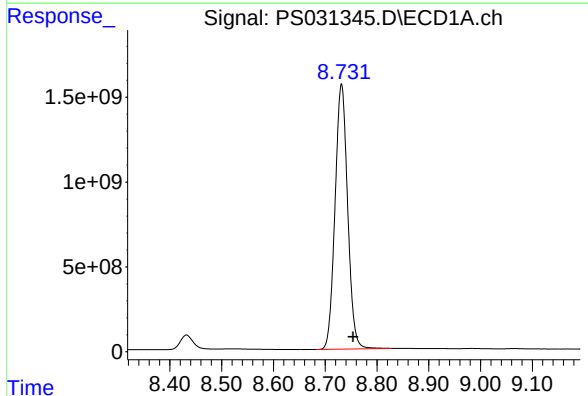
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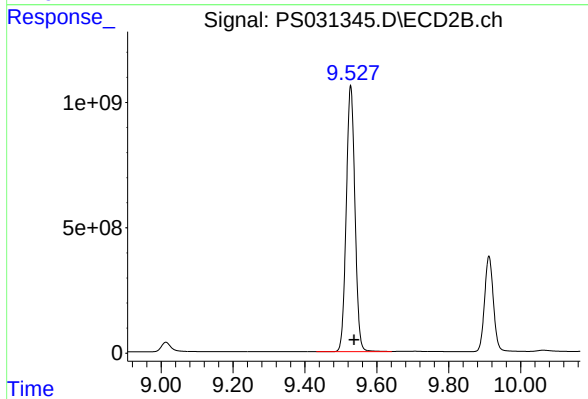
#9 2,4-D

R.T.: 9.013 min
Delta R.T.: -0.010 min
Response: 710855711
Conc: 509.38 ng/ml



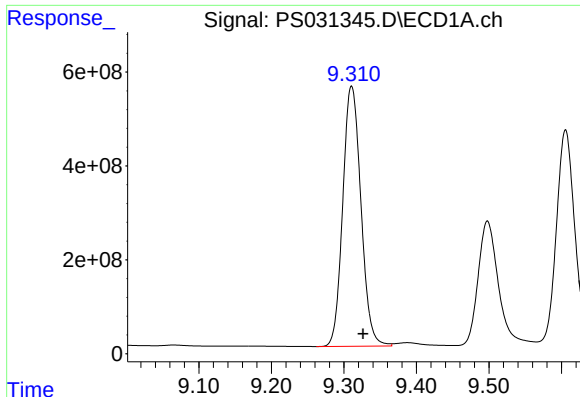
#10 Pentachlorophenol

R.T.: 8.731 min
Delta R.T.: -0.023 min
Response: 26432685053
Conc: 581.21 ng/ml m



#10 Pentachlorophenol

R.T.: 9.527 min
Delta R.T.: -0.010 min
Response: 17803871826
Conc: 531.52 ng/ml



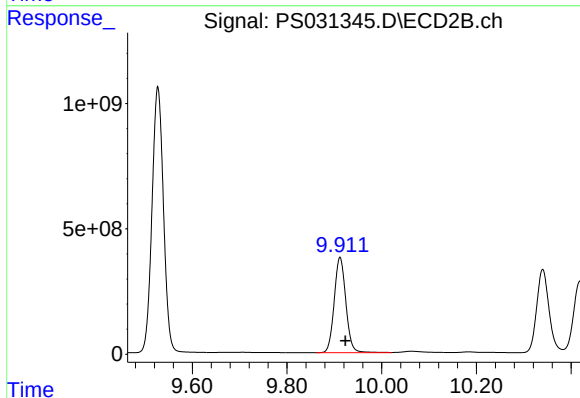
#11 2,4,5-TP (SILVEX)

R.T.: 9.311 min
Delta R.T.: -0.016 min
Response: 9652351333
Conc: 579.33 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB169088BSD

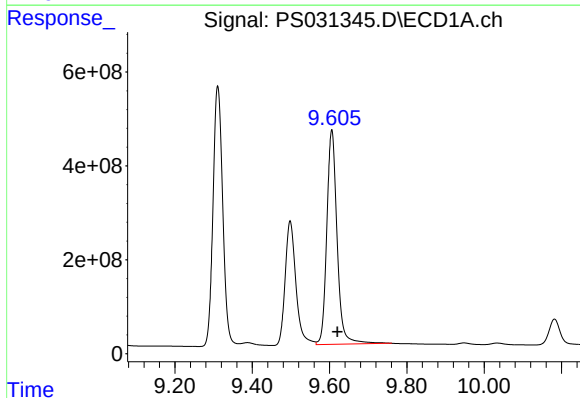
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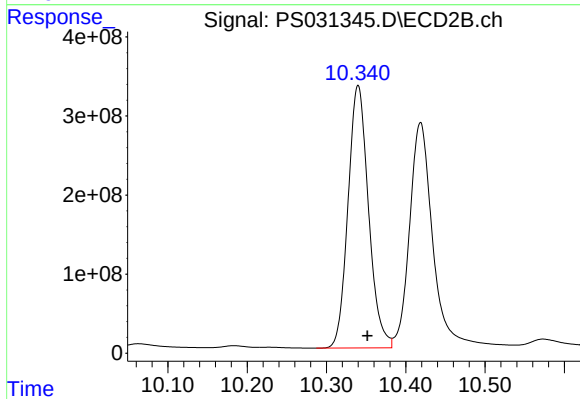
#11 2,4,5-TP (SILVEX)

R.T.: 9.912 min
Delta R.T.: -0.012 min
Response: 6500701750
Conc: 511.75 ng/ml



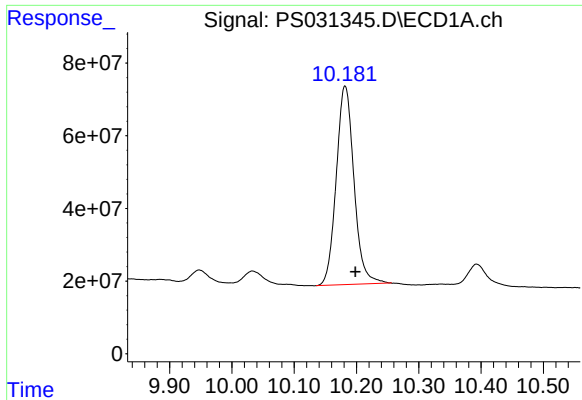
#12 2,4,5-T

R.T.: 9.606 min
Delta R.T.: -0.015 min
Response: 8400715193
Conc: 631.60 ng/ml



#12 2,4,5-T

R.T.: 10.340 min
Delta R.T.: -0.012 min
Response: 5972942836
Conc: 512.05 ng/ml



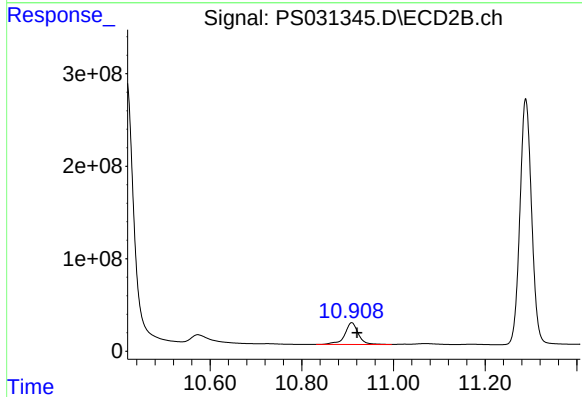
#13 2,4-DB

R.T.: 10.181 min
Delta R.T.: -0.017 min
Response: 1079085834
Conc: 617.59 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB169088BSD

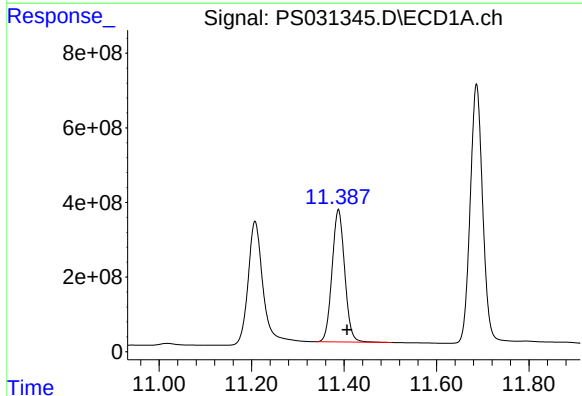
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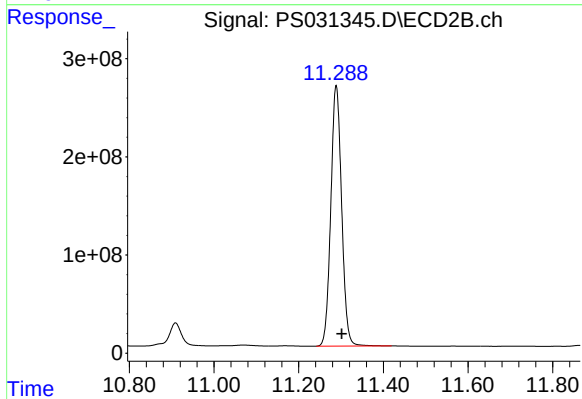
#13 2,4-DB

R.T.: 10.909 min
Delta R.T.: -0.012 min
Response: 487008537
Conc: 504.22 ng/ml



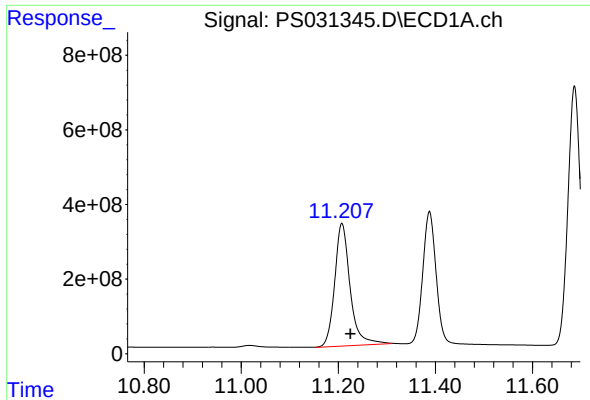
#14 DINOSEB

R.T.: 11.388 min
Delta R.T.: -0.019 min
Response: 6700004278
Conc: 584.46 ng/ml



#14 DINOSEB

R.T.: 11.289 min
Delta R.T.: -0.014 min
Response: 4704492606
Conc: 503.70 ng/ml



#15 Picloram

R.T.: 11.207 min
Delta R.T.: -0.018 min
Response: 7256104271
Conc: 619.67 ng/ml

Instrument :

ECD_S

ClientSampleId :

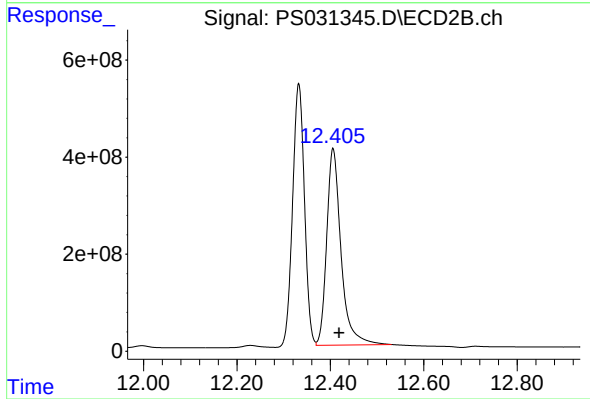
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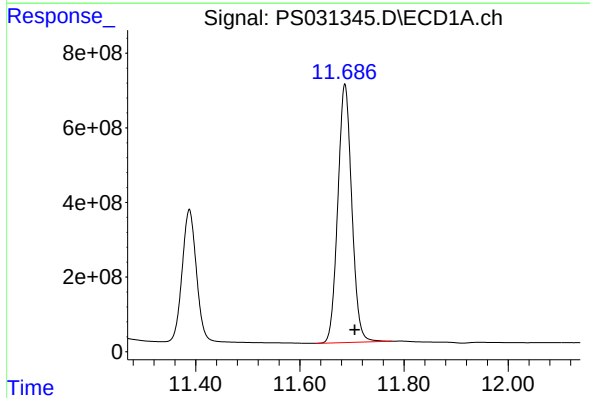
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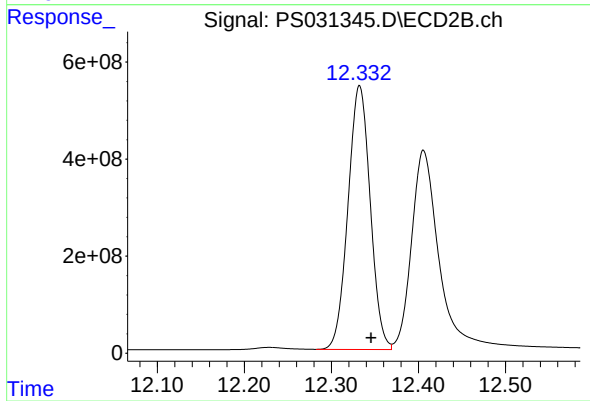
#15 Picloram

R.T.: 12.406 min
Delta R.T.: -0.013 min
Response: 8643912403
Conc: 505.64 ng/ml



#16 DCPA

R.T.: 11.686 min
Delta R.T.: -0.020 min
Response: 12899931396
Conc: 622.10 ng/ml m



#16 DCPA

R.T.: 12.332 min
Delta R.T.: -0.014 min
Response: 9652511847
Conc: 517.51 ng/ml m