

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS080125\
 Data File : PS031344.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Aug 2025 16:41
 Operator : AR\AJ
 Sample : PB169088BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PB169088BS

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 23:33:54 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	1694.9E6	439.5E6	581.757	526.265
Target Compounds							
1) T	Dalapon	2.682	2.701	2327.4E6	1130.5E6	482.402	460.268
2) T	3,5-DICHL...	6.467	6.704	2315.9E6	641.1E6	543.268m	496.080
3) T	4-Nitroph...	7.105	7.296	613.8E6	595.6E6	602.819	461.399
5) T	DICAMBA	7.490	7.955	6625.3E6	2636.5E6	512.770m	486.362m
6) T	MCPD	7.669	8.052	436.8E6	93342951	54.316m	54.606m
7) T	MCPA	7.819	8.300	531.2E6	134.6E6	54.337	51.884
8) T	DICHLORPROP	8.199	8.674	1601.5E6	634.7E6	526.810	488.171
9) T	2,4-D	8.432	9.013	1502.8E6	697.5E6	579.473	499.811
10) T	Pentachlo...	8.731	9.527	25853.9E6	17389.6E6	568.484m	519.147
11) T	2,4,5-TP ...	9.311	9.912	9450.8E6	6372.0E6	567.232	501.619
12) T	2,4,5-T	9.606	10.340	8229.9E6	5858.2E6	618.753	502.216
13) T	2,4-DB	10.181	10.909	1066.6E6	475.2E6	610.434m	491.991
14) T	DINOSEB	11.388	11.288	6552.5E6	4563.9E6	571.596	488.643
15) T	Picloram	11.207	12.406	7324.3E6	8914.7E6	625.491m	521.480
16) T	DCPA	11.686	12.330	12643.1E6	9908.5E6	609.713m	531.234m

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

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Acq On : 01 Aug 2025 16:41
Operator : AR\AJ
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Misc :
ALS Vial : 5 Sample Multiplier: 1

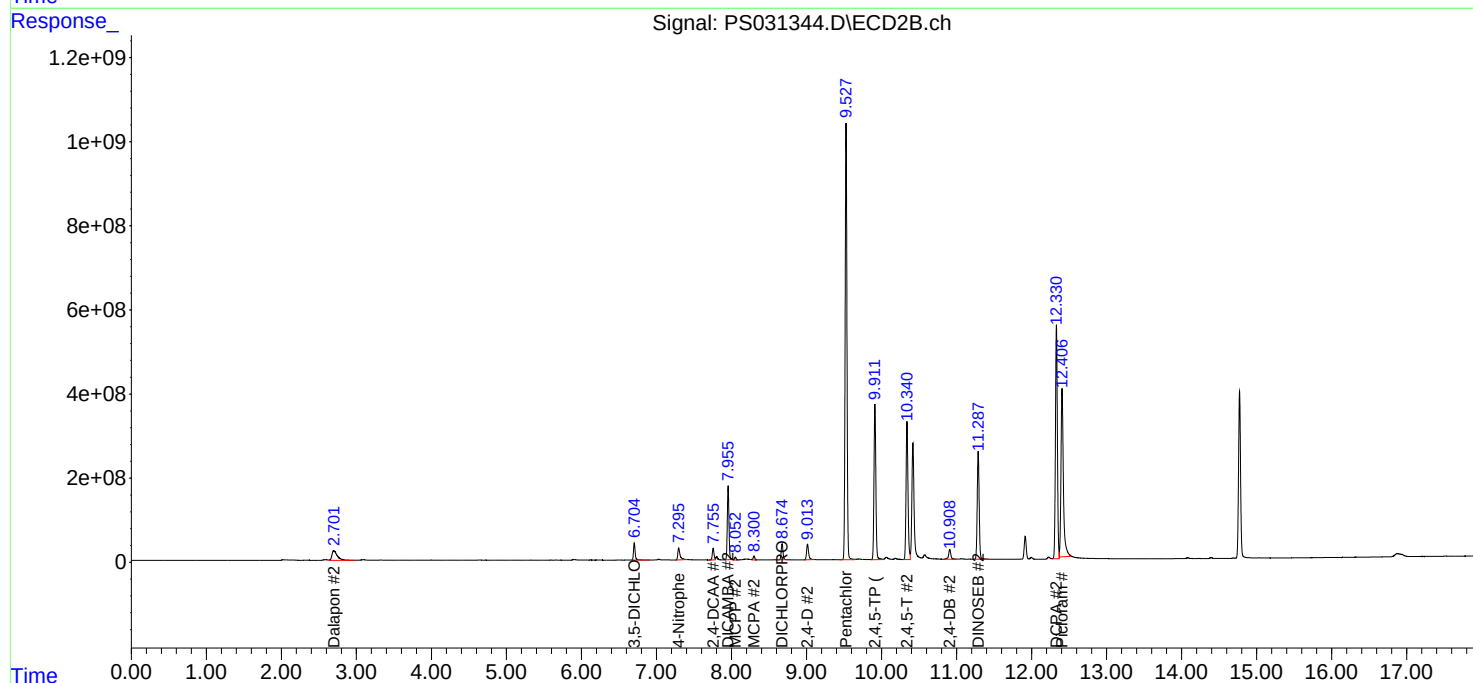
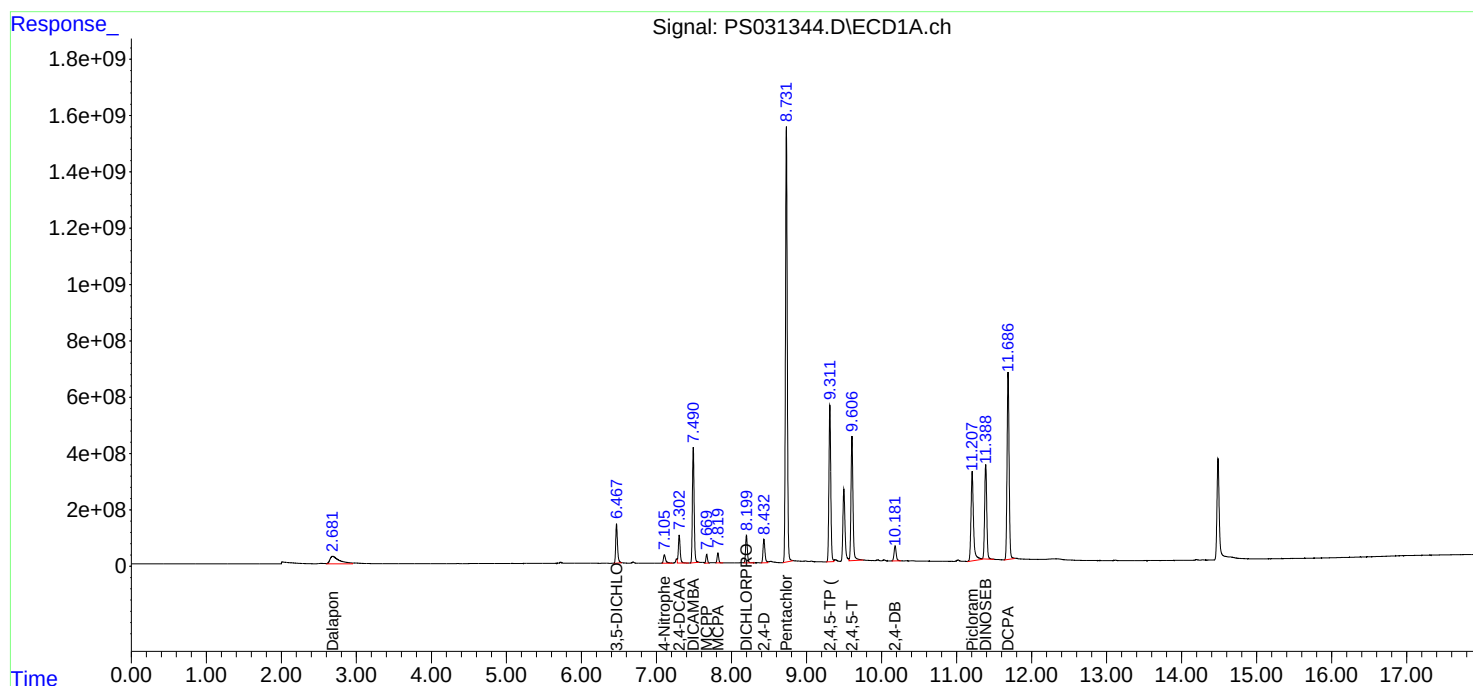
Instrument :
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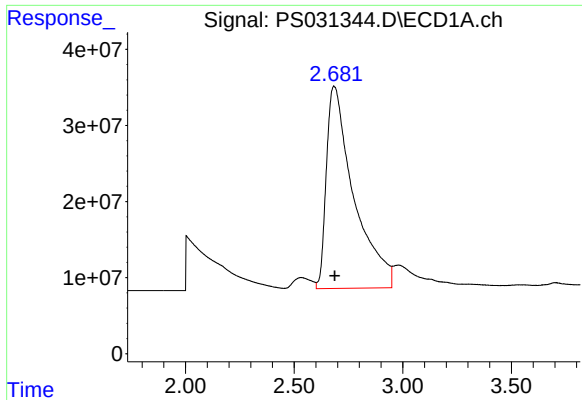
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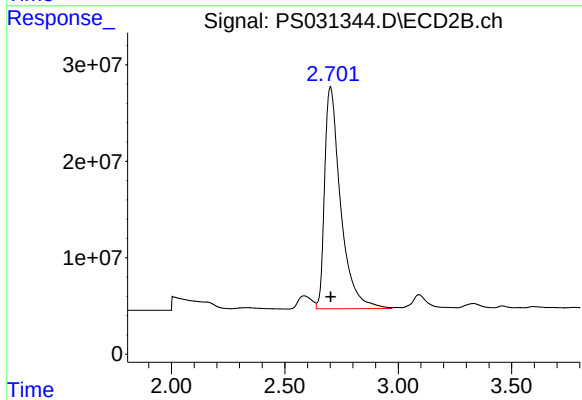
#1 Dalapon

R.T.: 2.682 min
Delta R.T.: -0.005 min
Response: 2327379286
Conc: 482.40 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB169088BS

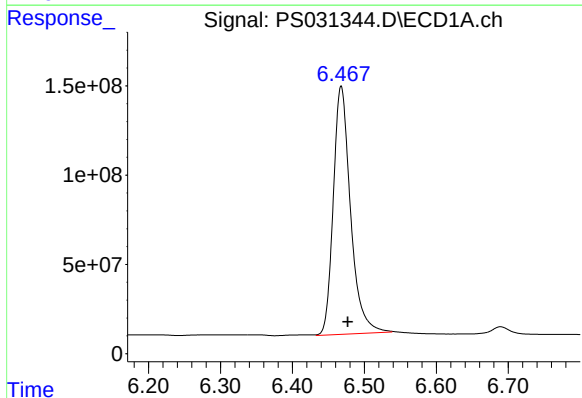
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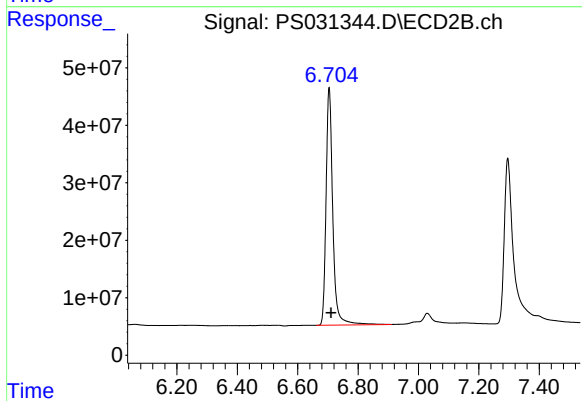
#1 Dalapon

R.T.: 2.701 min
Delta R.T.: -0.002 min
Response: 1130503168
Conc: 460.27 ng/ml



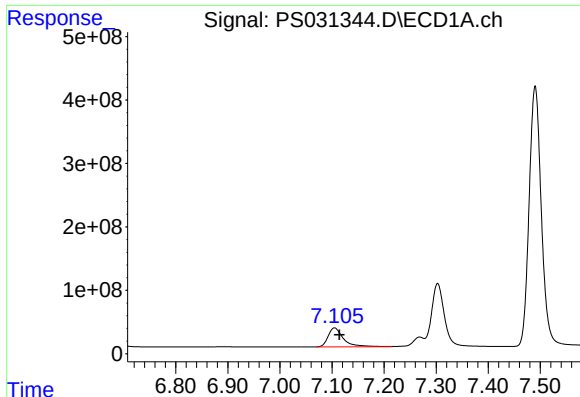
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.467 min
Delta R.T.: -0.010 min
Response: 2315914390
Conc: 543.27 ng/ml m



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.704 min
Delta R.T.: -0.006 min
Response: 641069156
Conc: 496.08 ng/ml



#3 4-Nitrophenol

R.T.: 7.105 min
Delta R.T.: -0.009 min
Response: 613790422
Conc: 602.82 ng/ml

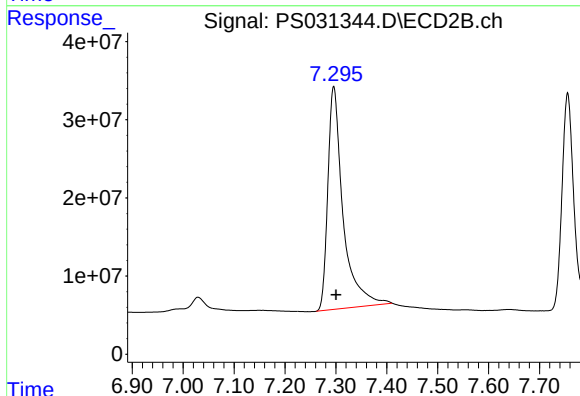
Instrument :

ECD_S

ClientSampleId :
PB169088BS

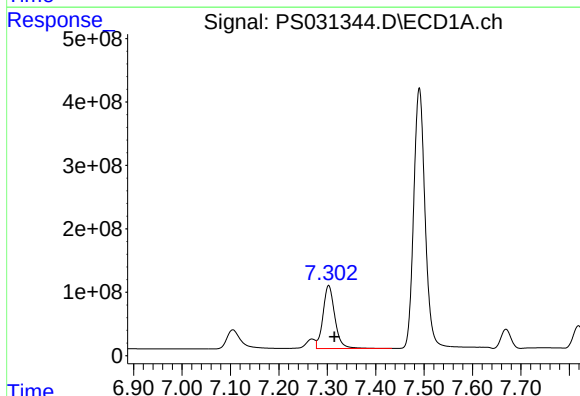
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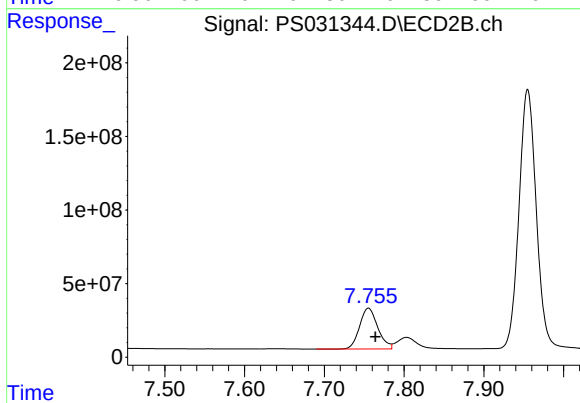
#3 4-Nitrophenol

R.T.: 7.296 min
Delta R.T.: -0.004 min
Response: 595625186
Conc: 461.40 ng/ml



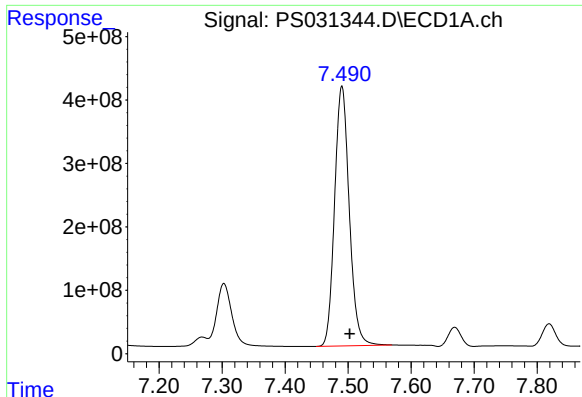
#4 2,4-DCAA

R.T.: 7.303 min
Delta R.T.: -0.012 min
Response: 1694894103
Conc: 581.76 ng/ml



#4 2,4-DCAA

R.T.: 7.755 min
Delta R.T.: -0.009 min
Response: 439473977
Conc: 526.27 ng/ml



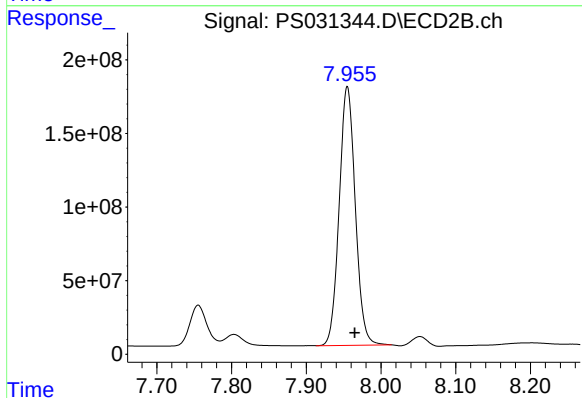
#5 DICAMBA

R.T.: 7.490 min
Delta R.T.: -0.013 min
Response: 6625287832
Conc: 512.77 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB169088BS

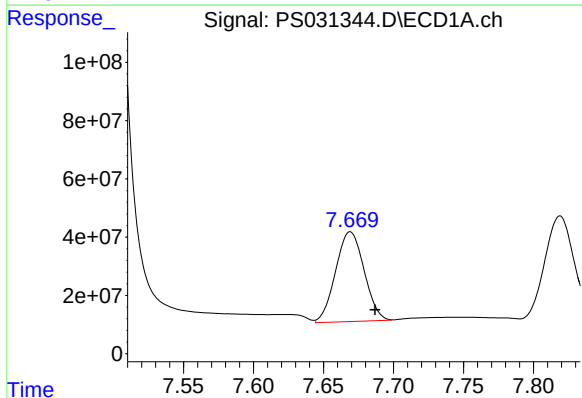
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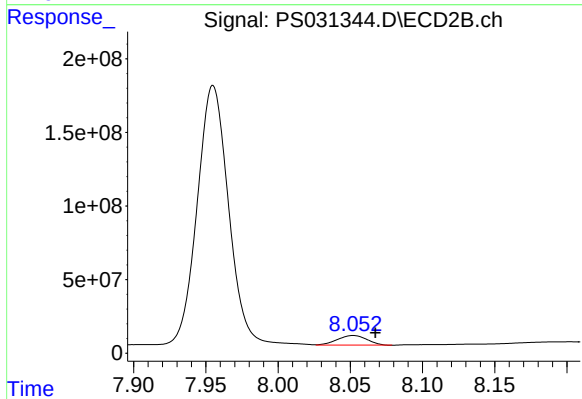
#5 DICAMBA

R.T.: 7.955 min
Delta R.T.: -0.010 min
Response: 2636491929
Conc: 486.36 ng/ml m



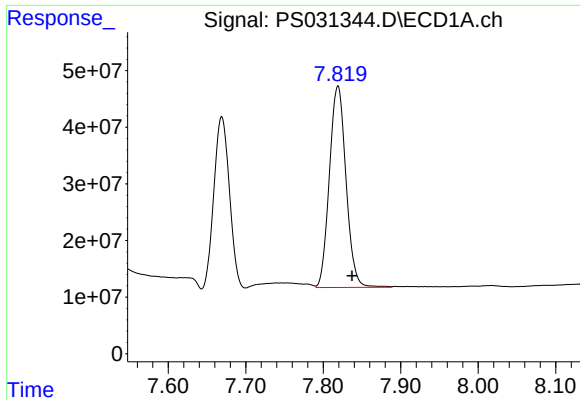
#6 MCPP

R.T.: 7.669 min
Delta R.T.: -0.018 min
Response: 436845005
Conc: 54.32 ug/ml m



#6 MCPP

R.T.: 8.052 min
Delta R.T.: -0.016 min
Response: 93342951
Conc: 54.61 ug/ml m



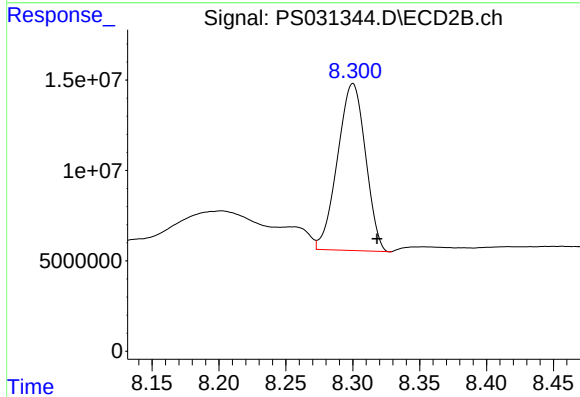
#7 MCPA

R.T.: 7.819 min
Delta R.T.: -0.018 min
Response: 531194968
Conc: 54.34 ug/ml

Instrument :
ECD_S
ClientSampleId :
PB169088BS

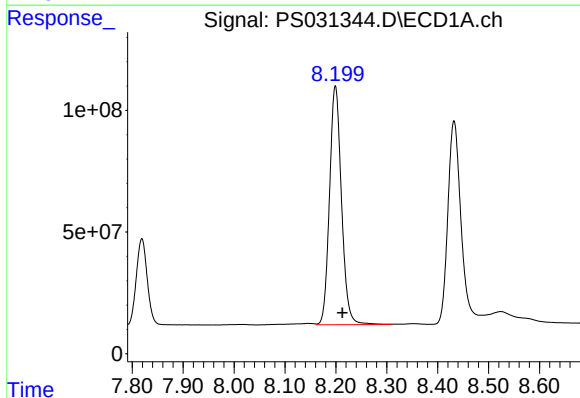
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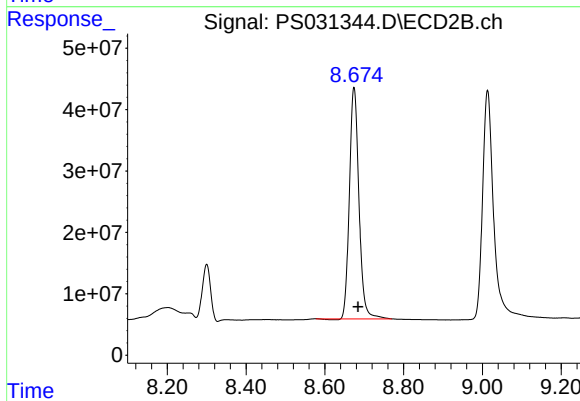
#7 MCPA

R.T.: 8.300 min
Delta R.T.: -0.018 min
Response: 134584777
Conc: 51.88 ug/ml



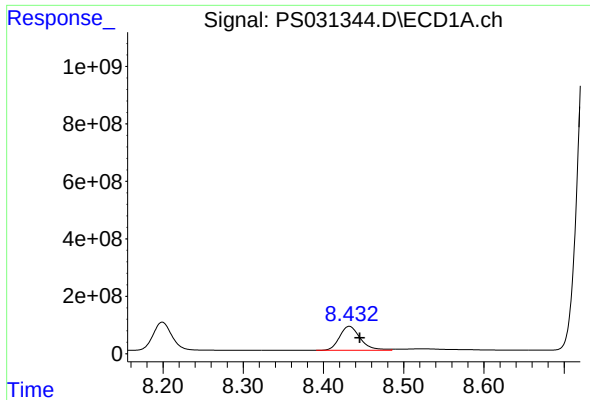
#8 DICHLORPROP

R.T.: 8.199 min
Delta R.T.: -0.014 min
Response: 1601507992
Conc: 526.81 ng/ml



#8 DICHLORPROP

R.T.: 8.674 min
Delta R.T.: -0.011 min
Response: 634650374
Conc: 488.17 ng/ml



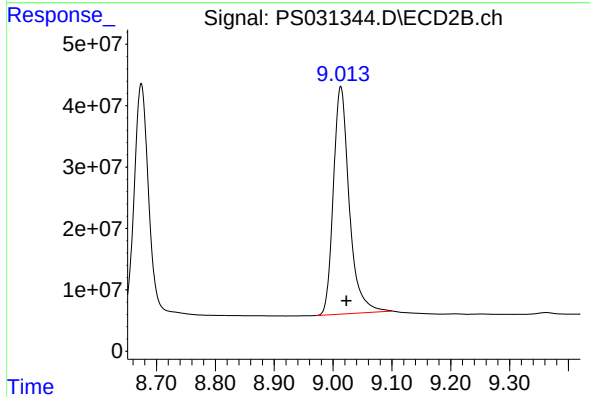
#9 2,4-D

R.T.: 8.432 min
Delta R.T.: -0.013 min
Response: 1502770866
Conc: 579.47 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB169088BS

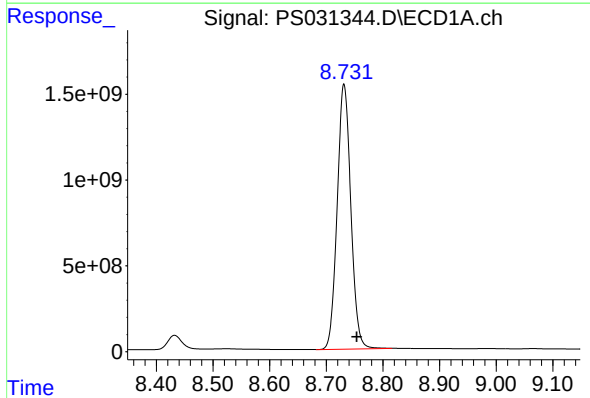
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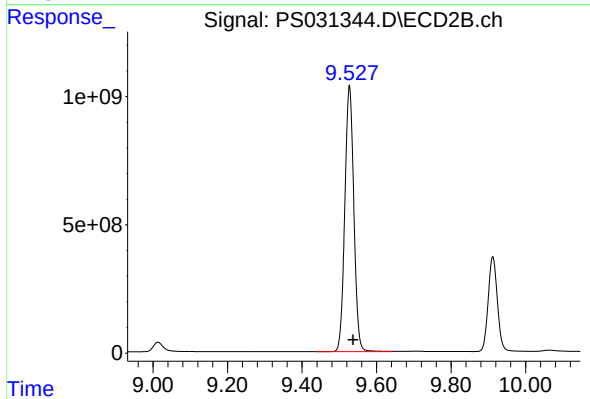
#9 2,4-D

R.T.: 9.013 min
Delta R.T.: -0.010 min
Response: 697501404
Conc: 499.81 ng/ml



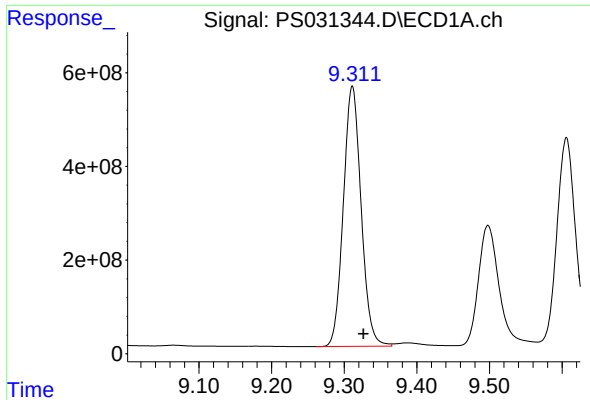
#10 Pentachlorophenol

R.T.: 8.731 min
Delta R.T.: -0.023 min
Response: 25853936756
Conc: 568.48 ng/ml m



#10 Pentachlorophenol

R.T.: 9.527 min
Delta R.T.: -0.010 min
Response: 17389562498
Conc: 519.15 ng/ml



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

R.T.: 9.311 min
Delta R.T.: -0.015 min
Response: 9450798377
Conc: 567.23 ng/ml

Instrument :

ECD_S

ClientSampleId :

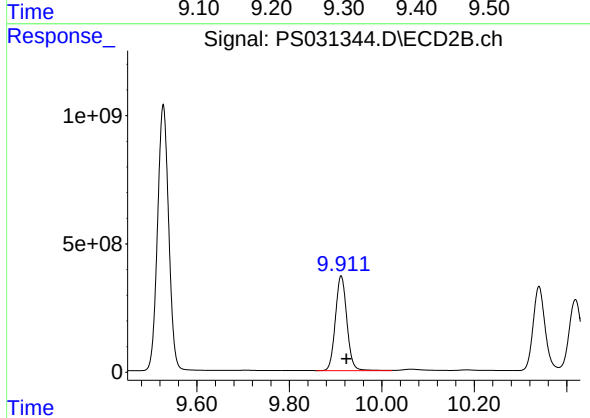
PB169088BS

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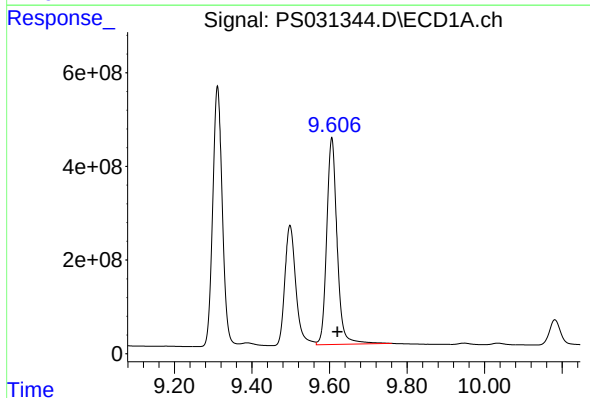
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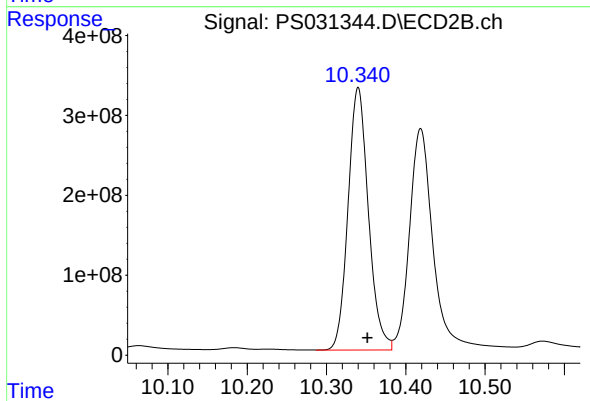
#11 2,4,5-TP (SILVEX)

R.T.: 9.912 min
Delta R.T.: -0.012 min
Response: 6371962745
Conc: 501.62 ng/ml



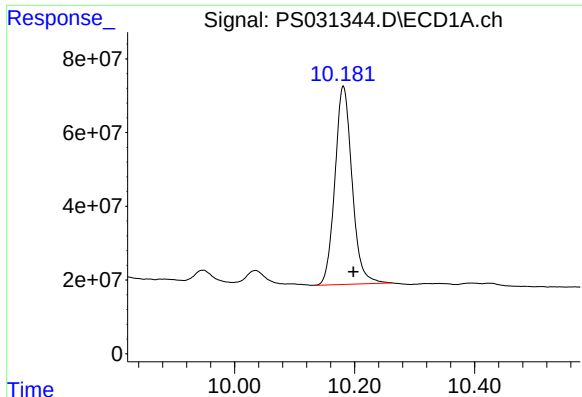
#12 2,4,5-T

R.T.: 9.606 min
Delta R.T.: -0.015 min
Response: 8229868329
Conc: 618.75 ng/ml



#12 2,4,5-T

R.T.: 10.340 min
Delta R.T.: -0.012 min
Response: 5858179846
Conc: 502.22 ng/ml



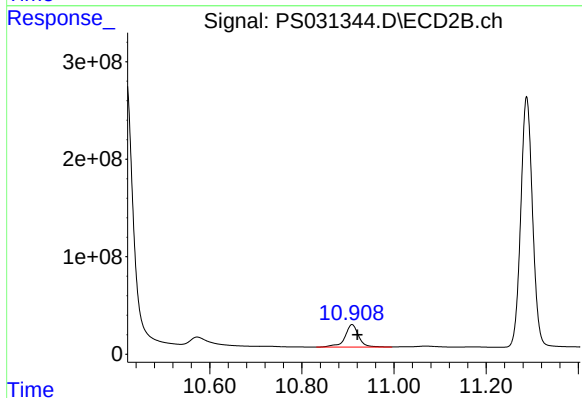
#13 2,4-DB

R.T.: 10.181 min
Delta R.T.: -0.017 min
Response: 1066582874
Conc: 610.43 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB169088BS

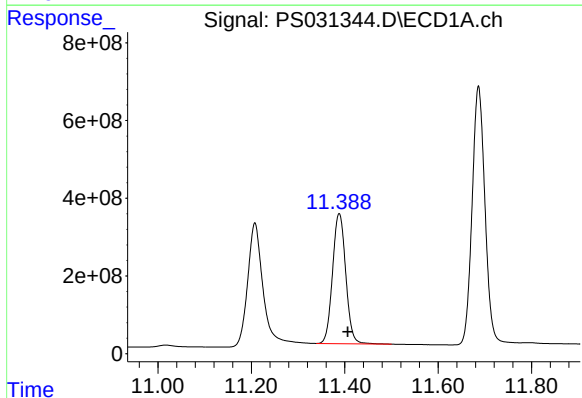
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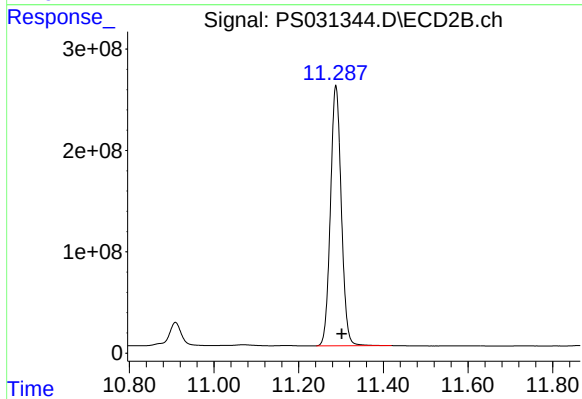
#13 2,4-DB

R.T.: 10.909 min
Delta R.T.: -0.012 min
Response: 475192172
Conc: 491.99 ng/ml



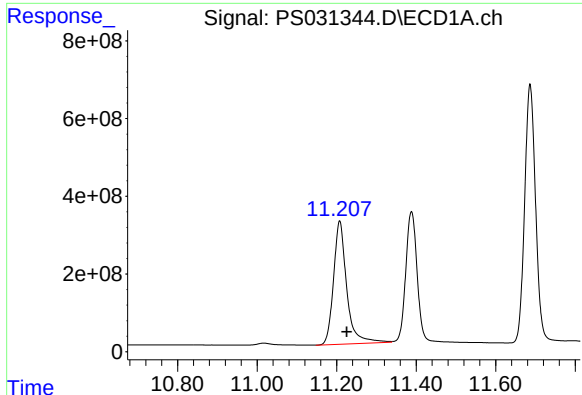
#14 DINOSEB

R.T.: 11.388 min
Delta R.T.: -0.018 min
Response: 6552519763
Conc: 571.60 ng/ml



#14 DINOSEB

R.T.: 11.288 min
Delta R.T.: -0.014 min
Response: 4563892173
Conc: 488.64 ng/ml



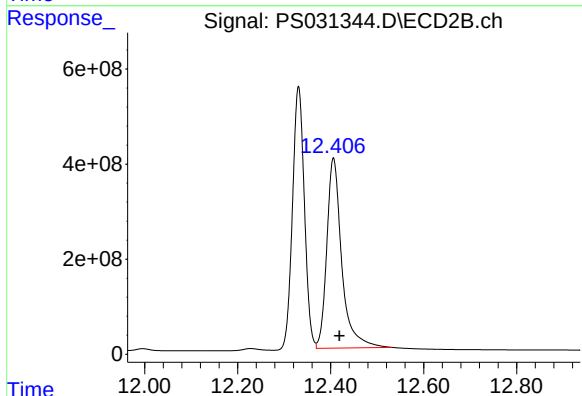
#15 Picloram

R.T.: 11.207 min
Delta R.T.: -0.018 min
Response: 7324270981
Conc: 625.49 ng/ml

Instrument :
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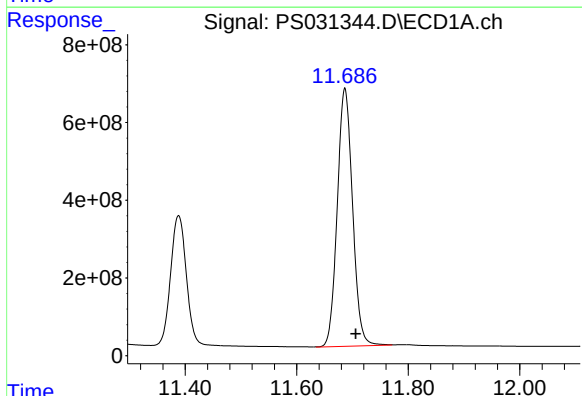
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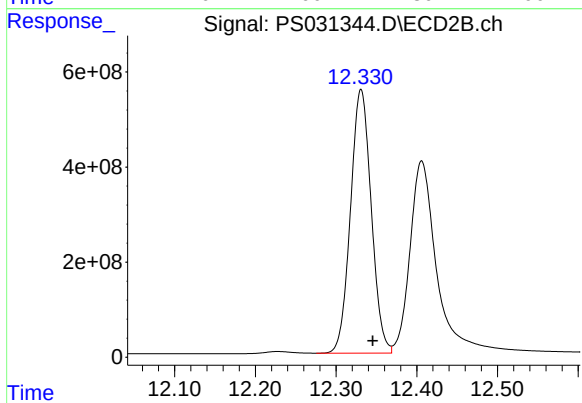
#15 Picloram

R.T.: 12.406 min
Delta R.T.: -0.013 min
Response: 8914658027
Conc: 521.48 ng/ml



#16 DCPA

R.T.: 11.686 min
Delta R.T.: -0.020 min
Response: 12643079190
Conc: 609.71 ng/ml m



#16 DCPA

R.T.: 12.330 min
Delta R.T.: -0.015 min
Response: 9908458002
Conc: 531.23 ng/ml m