

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS091825\
 Data File : PS031766.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Sep 2025 16:46
 Operator : AR\AJ
 Sample : PB169738BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PB169738BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/19/2025
 Supervised By :mohammad ahmed 09/22/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 19 02:22:29 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS090925.M
 Quant Title : 8080.M
 QLast Update : Tue Sep 09 13:56:38 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	7.288	7.747	2060.7E6	472.6E6	572.176	520.021
Target Compounds							
1) T	Dalapon	2.671	2.691	2833.4E6	1368.1E6	490.152	485.538
2) T	3,5-DICHL...	6.454	6.699	2815.5E6	790.9E6	527.898	518.663
3) T	4-Nitroph...	7.103	7.307	626.5E6	601.0E6	567.871	475.916m
5) T	DICAMBA	7.470	7.941	8324.1E6	3264.5E6	533.710	501.699
6) T	MCPD	7.647	8.036	427.9E6	96780114	47.872	51.386
7) T	MCPA	7.795	8.282	546.4E6	138.6E6	49.179	49.484
8) T	DICHLORPROP	8.179	8.661	1890.5E6	754.7E6	530.771	518.668
9) T	2,4-D	8.418	9.007	1850.1E6	794.2E6	540.067m	482.783
10) T	Pentachlo...	8.709	9.510	30859.0E6	20996.9E6	581.217	529.015
11) T	2,4,5-TP ...	9.287	9.895	11443.8E6	7699.6E6	545.627	511.455
12) T	2,4,5-T	9.586	10.326	10201.9E6	6586.2E6	557.536	489.427
13) T	2,4-DB	10.162	10.895	1121.8E6	467.8E6	480.890m	437.193
14) T	DINOSEB	11.356	11.267	8691.3E6	5649.7E6	602.611	581.202
15) T	Picloram	11.191	12.393	9446.4E6	11158.8E6	524.479	471.169
16) T	DCPA	11.654	12.308	15121.3E6	12799.6E6	561.091	531.013

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

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Operator : AR\AJ
Sample : PB169738BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

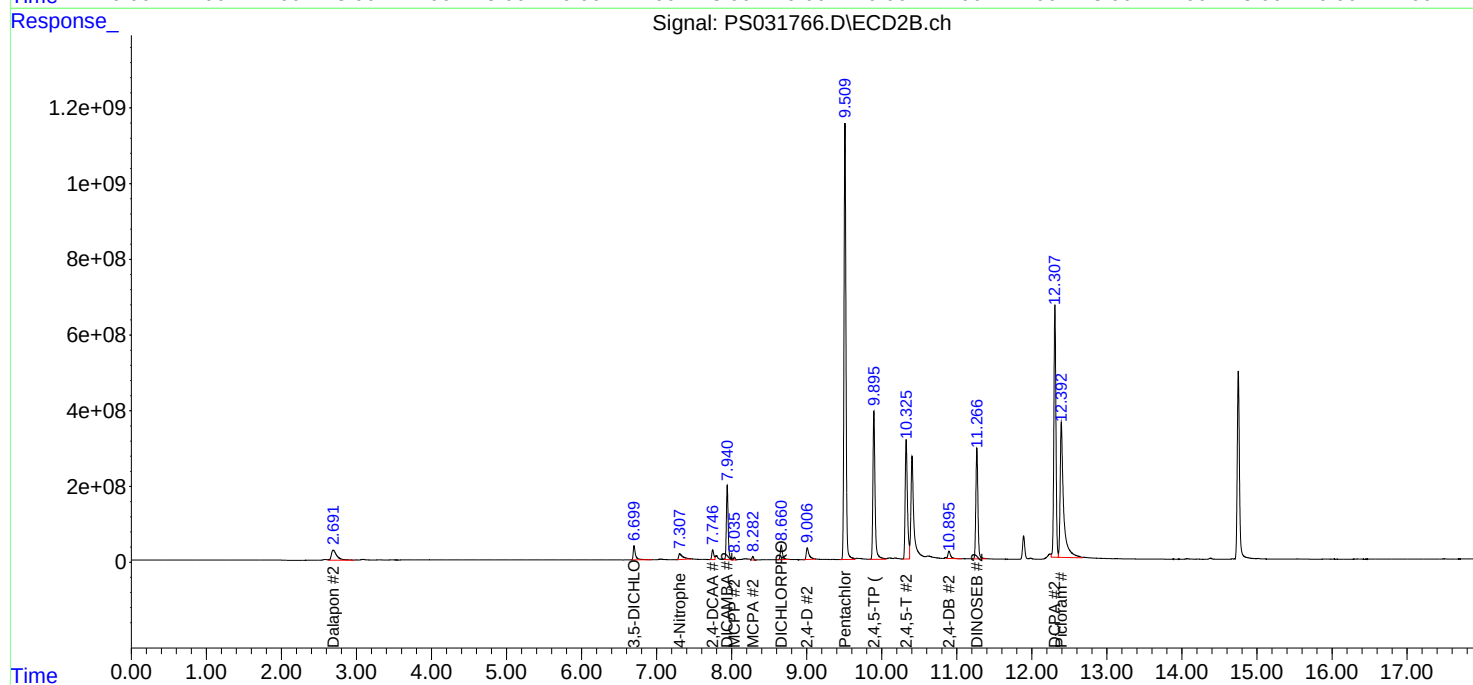
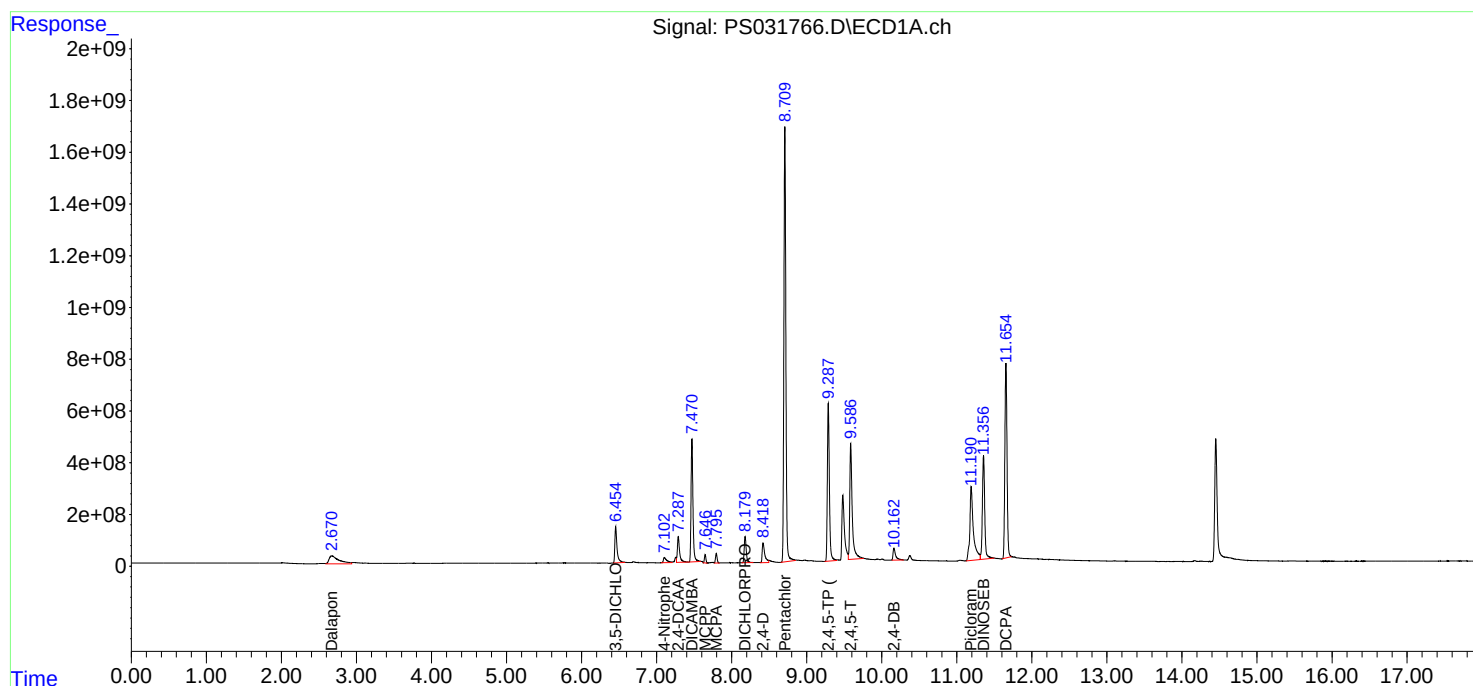
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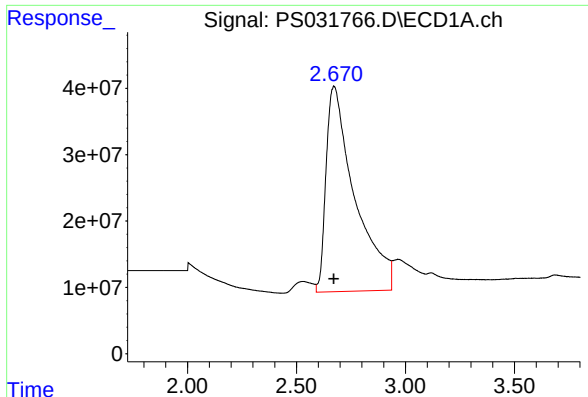
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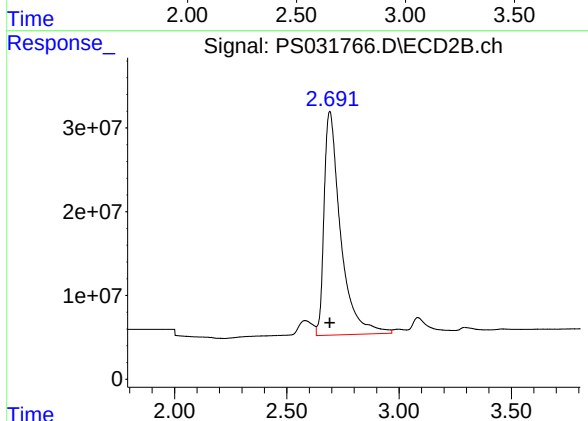
#1 Dalapon

R.T.: 2.671 min
Delta R.T.: 0.000 min
Response: 2833444361
Conc: 490.15 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB169738BS

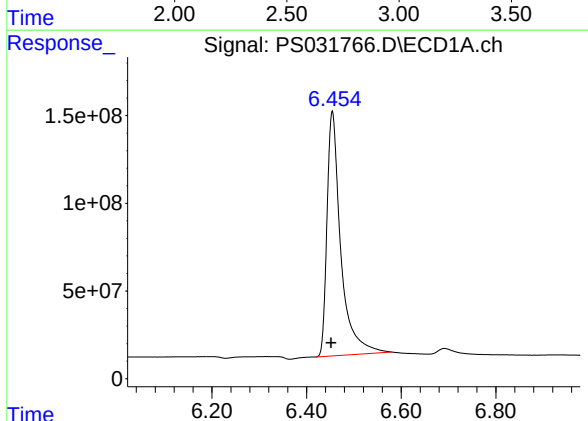
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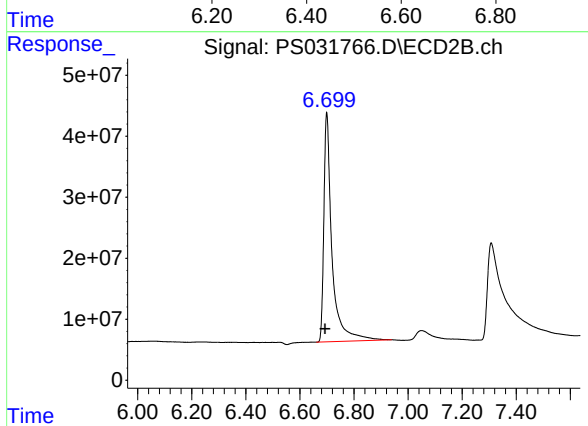
#1 Dalapon

R.T.: 2.691 min
Delta R.T.: 0.000 min
Response: 1368064933
Conc: 485.54 ng/ml



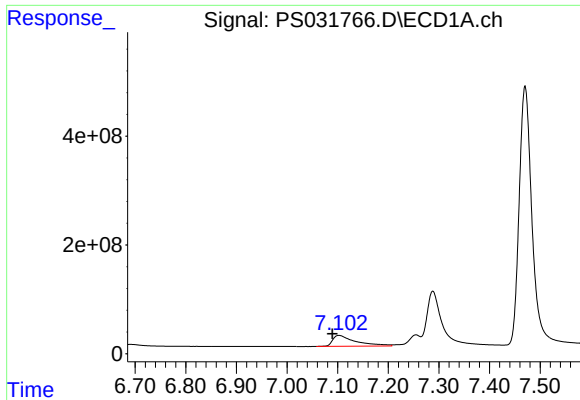
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.454 min
Delta R.T.: 0.003 min
Response: 2815468575
Conc: 527.90 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.699 min
Delta R.T.: 0.006 min
Response: 790942574
Conc: 518.66 ng/ml



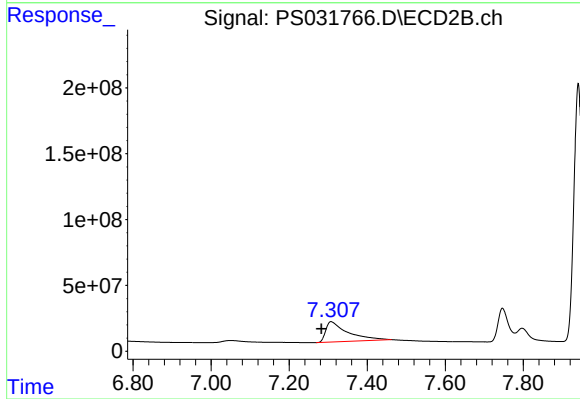
#3 4-Nitrophenol

R.T.: 7.103 min
Delta R.T.: 0.013 min
Response: 626480112
Conc: 567.87 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB169738BS

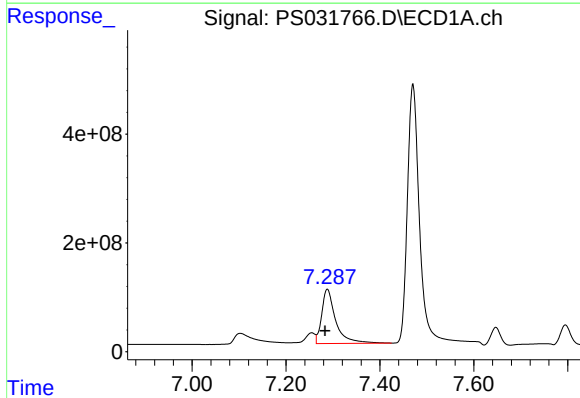
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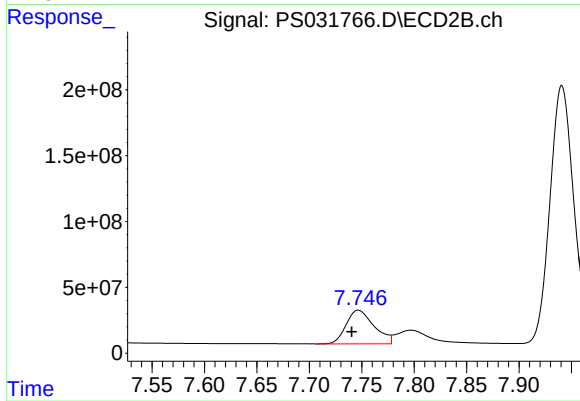
#3 4-Nitrophenol

R.T.: 7.307 min
Delta R.T.: 0.024 min
Response: 600979619
Conc: 475.92 ng/ml m



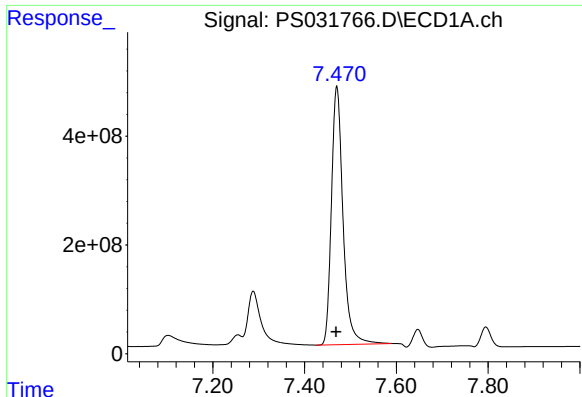
#4 2,4-DCAA

R.T.: 7.288 min
Delta R.T.: 0.005 min
Response: 2060707987
Conc: 572.18 ng/ml



#4 2,4-DCAA

R.T.: 7.747 min
Delta R.T.: 0.006 min
Response: 472646812
Conc: 520.02 ng/ml



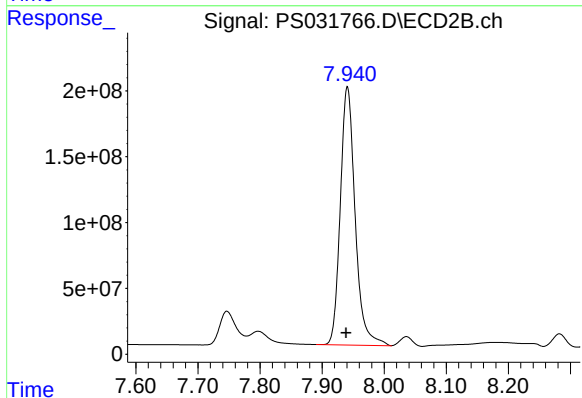
#5 DICAMBA

R.T.: 7.470 min
Delta R.T.: 0.002 min
Response: 8324119060
Conc: 533.71 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB169738BS

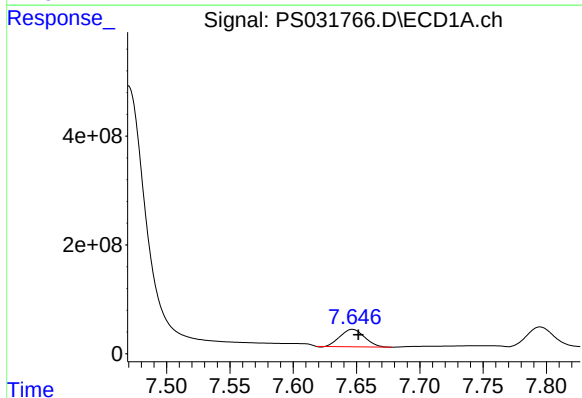
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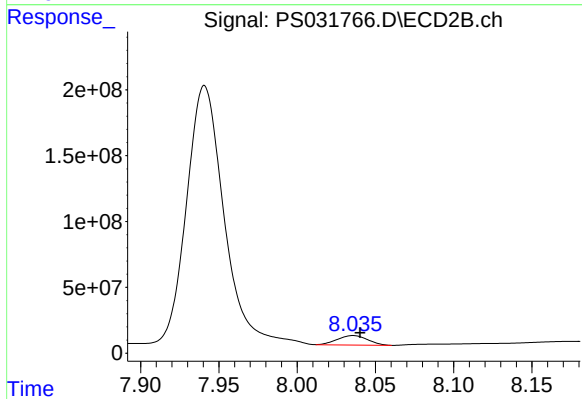
#5 DICAMBA

R.T.: 7.941 min
Delta R.T.: 0.002 min
Response: 3264479429
Conc: 501.70 ng/ml



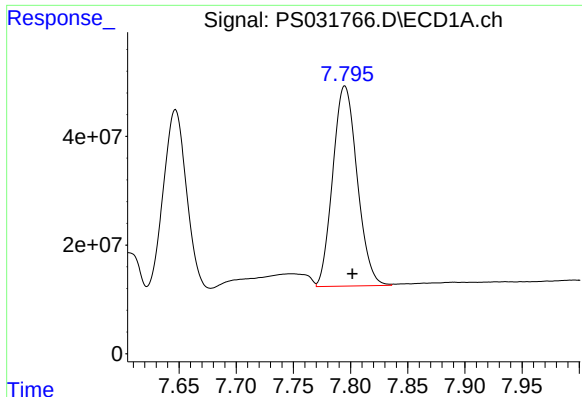
#6 MCP

R.T.: 7.647 min
Delta R.T.: -0.005 min
Response: 427935806
Conc: 47.87 ug/ml



#6 MCP

R.T.: 8.036 min
Delta R.T.: -0.004 min
Response: 96780114
Conc: 51.39 ug/ml



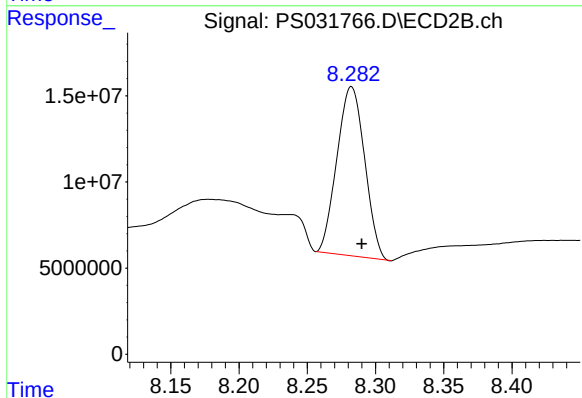
#7 MCPA

R.T.: 7.795 min
Delta R.T.: -0.007 min
Response: 546398197
Conc: 49.18 ug/ml

Instrument :
ECD_S
ClientSampleId :
PB169738BS

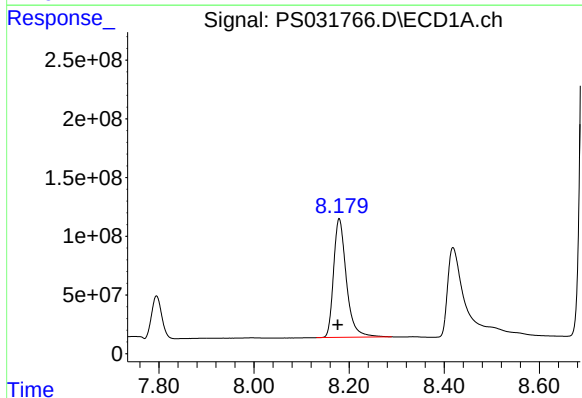
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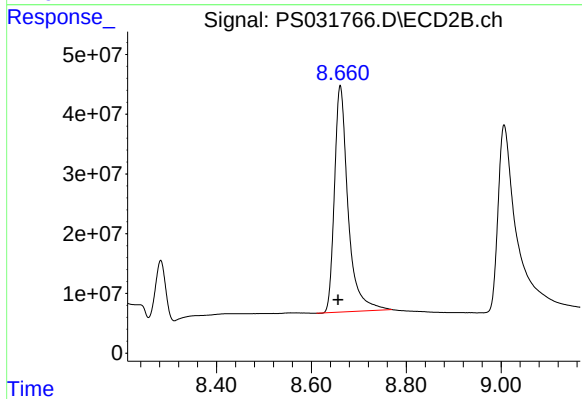
#7 MCPA

R.T.: 8.282 min
Delta R.T.: -0.008 min
Response: 138615756
Conc: 49.48 ug/ml



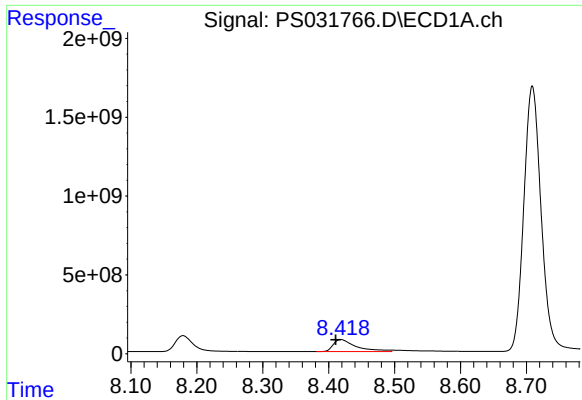
#8 DICHLORPROP

R.T.: 8.179 min
Delta R.T.: 0.003 min
Response: 1890480698
Conc: 530.77 ng/ml



#8 DICHLORPROP

R.T.: 8.661 min
Delta R.T.: 0.004 min
Response: 754692797
Conc: 518.67 ng/ml



#9 2,4-D

R.T.: 8.418 min
Delta R.T.: 0.007 min
Response: 1850076029
Conc: 540.07 ng/ml

Instrument :

ECD_S

ClientSampleId :

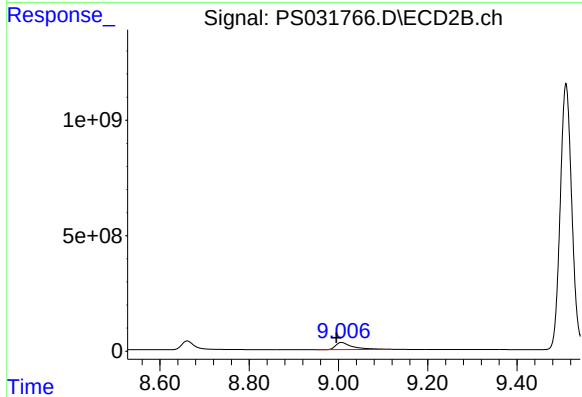
PB169738BS

Manual Integrations

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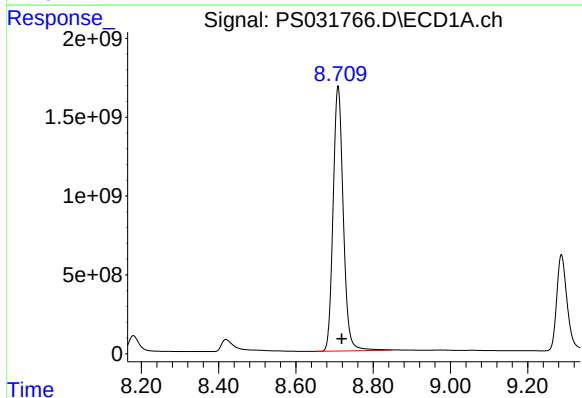
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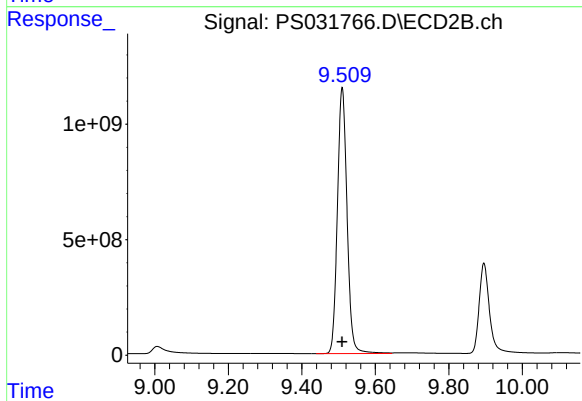
#9 2,4-D

R.T.: 9.007 min
Delta R.T.: 0.011 min
Response: 794231978
Conc: 482.78 ng/ml



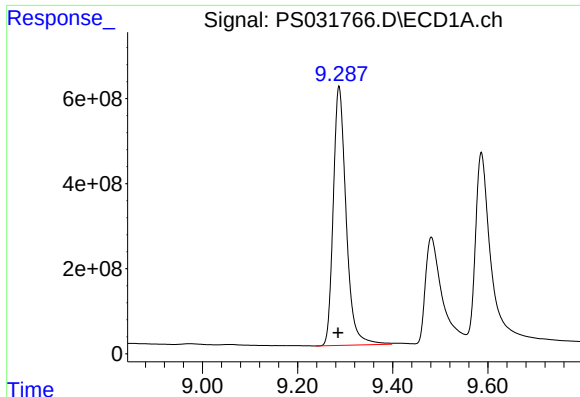
#10 Pentachlorophenol

R.T.: 8.709 min
Delta R.T.: -0.010 min
Response: 30859030686
Conc: 581.22 ng/ml



#10 Pentachlorophenol

R.T.: 9.510 min
Delta R.T.: 0.000 min
Response: 20996884224
Conc: 529.01 ng/ml



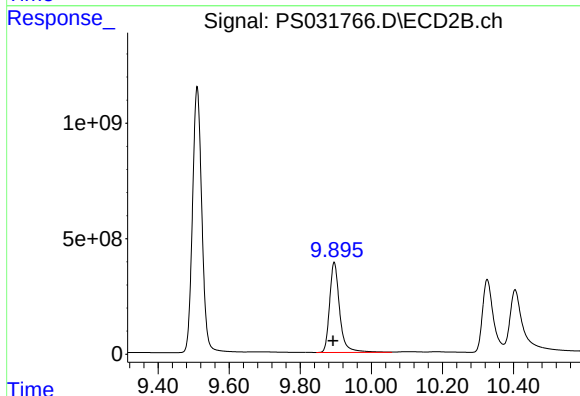
#11 2,4,5-TP (SILVEX)

R.T.: 9.287 min
Delta R.T.: 0.002 min
Response: 11443807224
Conc: 545.63 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB169738BS

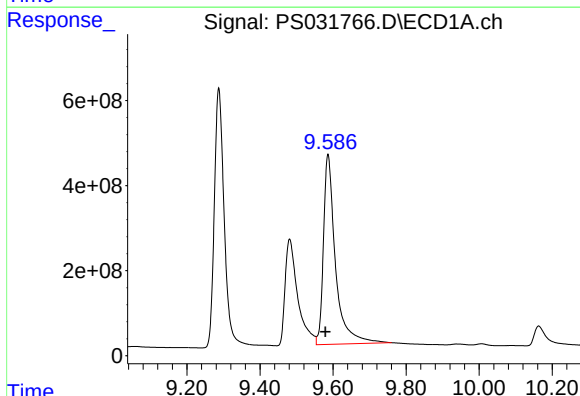
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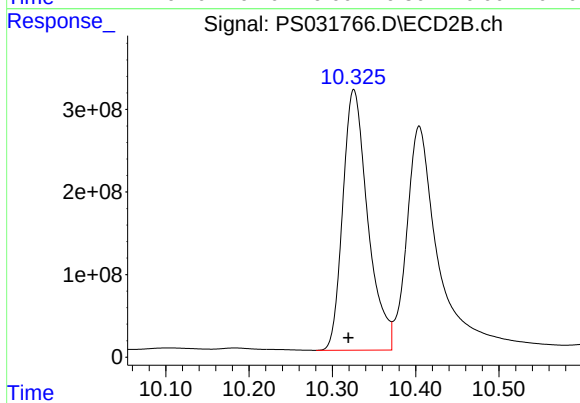
#11 2,4,5-TP (SILVEX)

R.T.: 9.895 min
Delta R.T.: 0.004 min
Response: 7699601434
Conc: 511.45 ng/ml



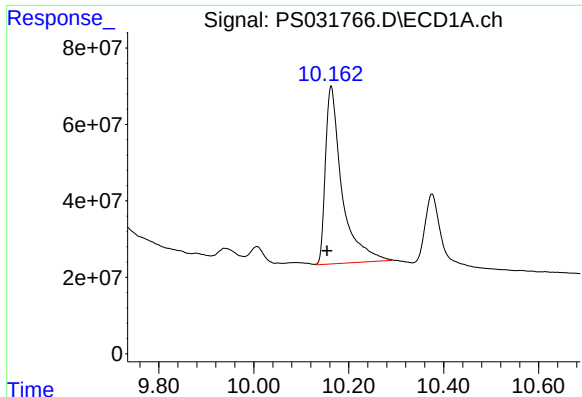
#12 2,4,5-T

R.T.: 9.586 min
Delta R.T.: 0.007 min
Response: 10201885091
Conc: 557.54 ng/ml



#12 2,4,5-T

R.T.: 10.326 min
Delta R.T.: 0.007 min
Response: 6586228816
Conc: 489.43 ng/ml



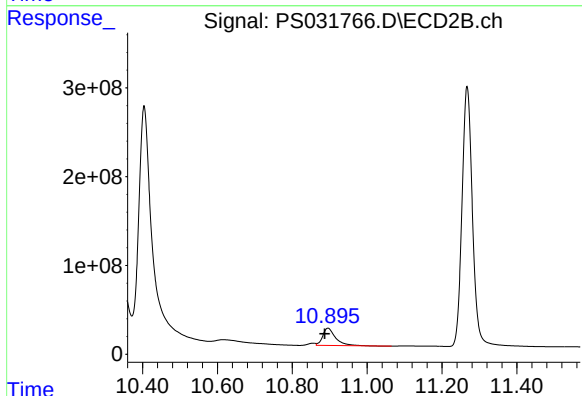
#13 2,4-DB

R.T.: 10.162 min
Delta R.T.: 0.008 min
Response: 1121803524
Conc: 480.89 ng/ml

Instrument :
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ClientSampleId :
PB169738BS

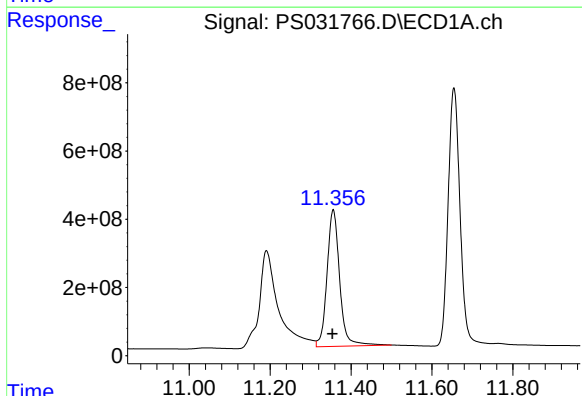
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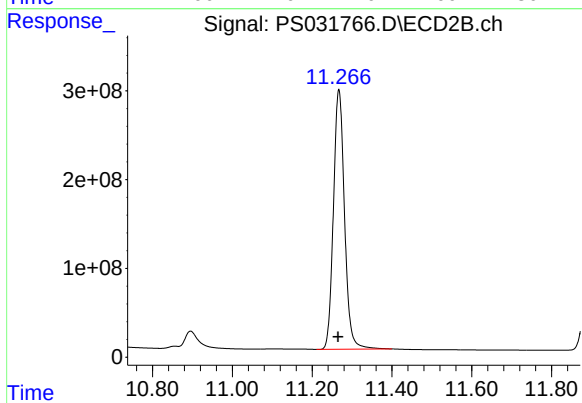
#13 2,4-DB

R.T.: 10.895 min
Delta R.T.: 0.009 min
Response: 467815879
Conc: 437.19 ng/ml



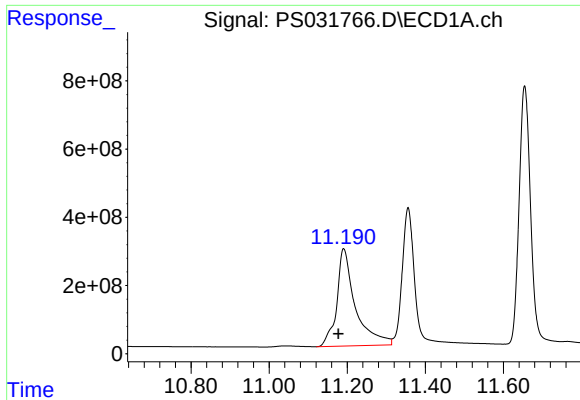
#14 DINOSEB

R.T.: 11.356 min
Delta R.T.: 0.002 min
Response: 8691268732
Conc: 602.61 ng/ml



#14 DINOSEB

R.T.: 11.267 min
Delta R.T.: 0.002 min
Response: 5649676264
Conc: 581.20 ng/ml



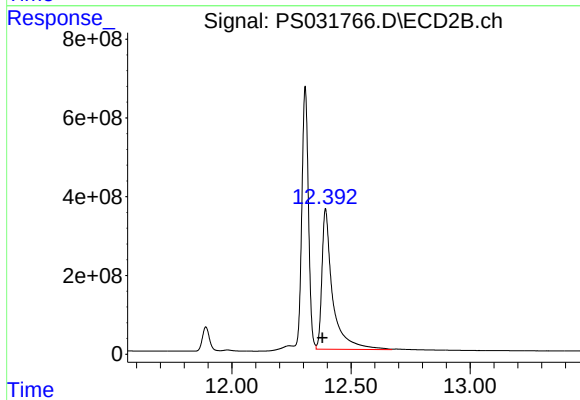
#15 Picloram

R.T.: 11.191 min
Delta R.T.: 0.013 min
Response: 9446432190
Conc: 524.48 ng/ml

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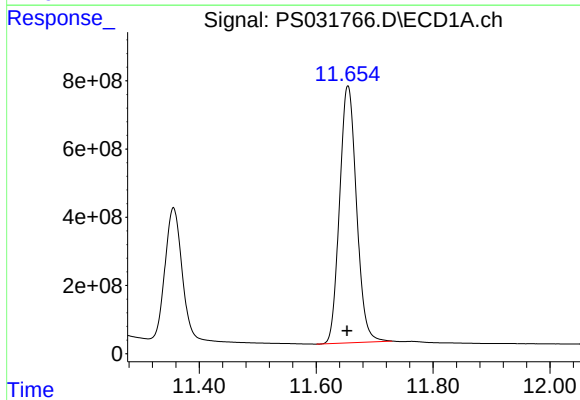
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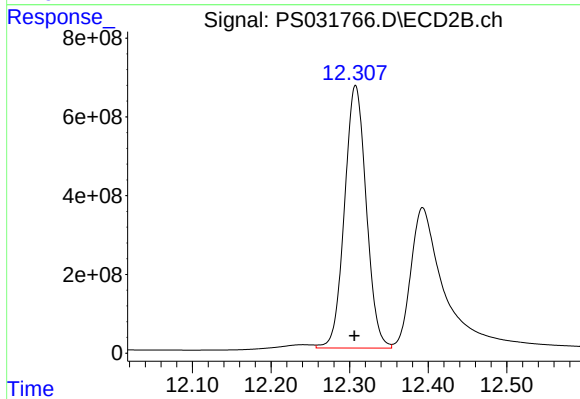
#15 Picloram

R.T.: 12.393 min
Delta R.T.: 0.013 min
Response: 11158802993
Conc: 471.17 ng/ml



#16 DCPA

R.T.: 11.654 min
Delta R.T.: 0.002 min
Response: 15121327032
Conc: 561.09 ng/ml



#16 DCPA

R.T.: 12.308 min
Delta R.T.: 0.002 min
Response: 12799583635
Conc: 531.01 ng/ml