

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS090325\
 Data File : PS031595.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Sep 2025 11:47
 Operator : AR\AJ
 Sample : PB169489BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PB169489BL

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/04/2025
 Supervised By :mohammad ahmed 09/05/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 03 12:49:45 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	7.738	1749.4E6	495.9E6	551.180	586.630
Target Compounds							
1) T	Dalapon	2.672	2.680	1841.9E6	2257.0E6	350.914	848.166 #
2) T	3,5-DICHL...	6.452	6.689	2705.8E6	652.6E6	573.463	482.690
3) T	4-Nitroph...	7.095	7.287	480.8E6	539.4E6	466.060	429.148
5) T	DICAMBA	7.471	7.934	7366.8E6	2940.3E6	527.466	517.419m
6) T	MCPD	7.648	8.030	419.9E6	88841889	52.193m	50.255m
7) T	MCPA	7.798	8.277	501.7E6	119.6E6	50.366	42.621
8) T	DICHLORPROP	8.180	8.654	1947.3E6	690.3E6	613.833	517.099
9) T	2,4-D	8.416	8.996	1873.7E6	789.3E6	651.302	553.030
10) T	Pentachlo...	8.712	9.505	30991.3E6	20377.1E6	645.485	585.070
11) T	2,4,5-TP ...	9.290	9.889	11539.9E6	7608.7E6	643.833	580.107
12) T	2,4,5-T	9.586	10.320	9449.0E6	6070.3E6	644.928	512.703
13) T	2,4-DB	10.163	10.889	1150.0E6	400.3E6	598.428m	414.931 #
14) T	DINOSEB	11.361	11.264	7416.7E6	4777.6E6	584.986	505.192
15) T	Picloram	11.193	12.389	6664.3E6	6412.5E6	510.514m	365.806 #
16) T	DCPA	11.656	12.305	11540.3E6	11167.1E6	506.614m	566.844m

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

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Acq On : 03 Sep 2025 11:47
Operator : AR\AJ
Sample : PB169489BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

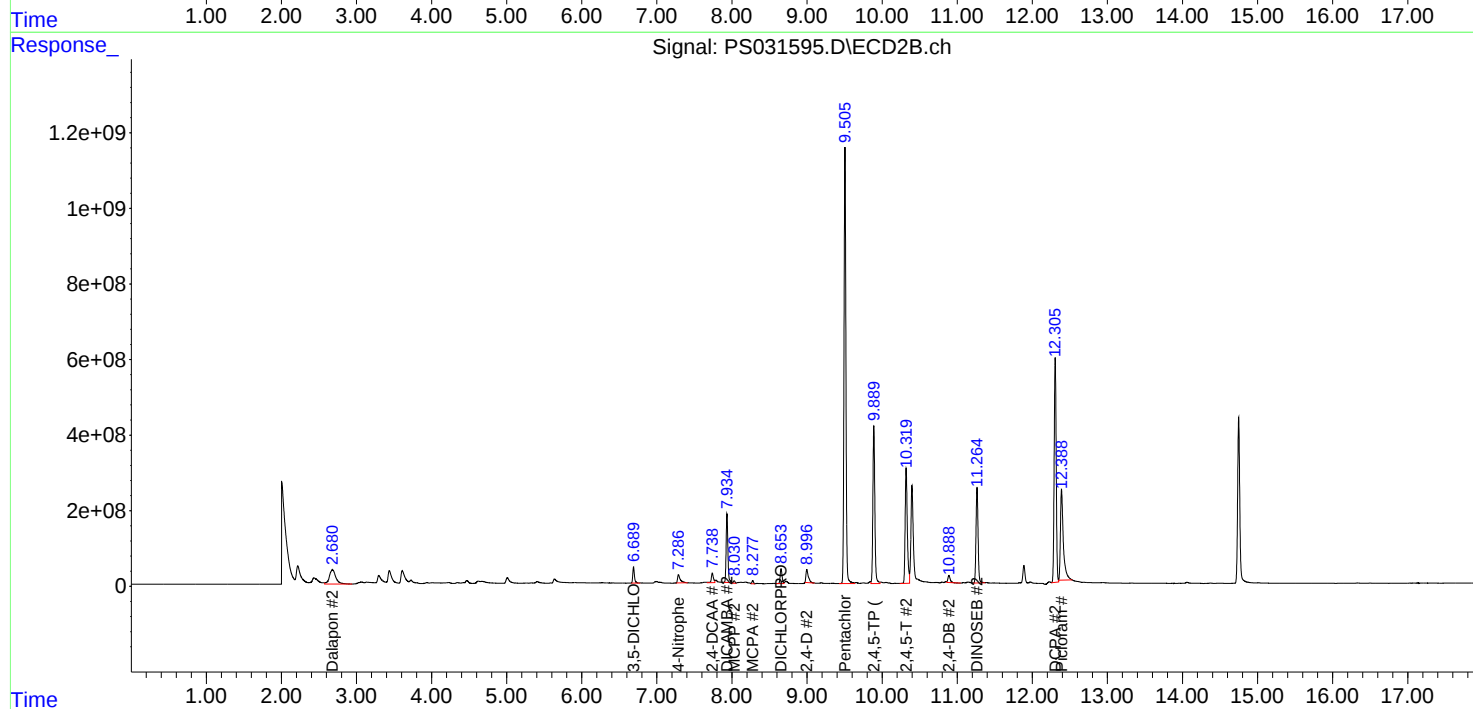
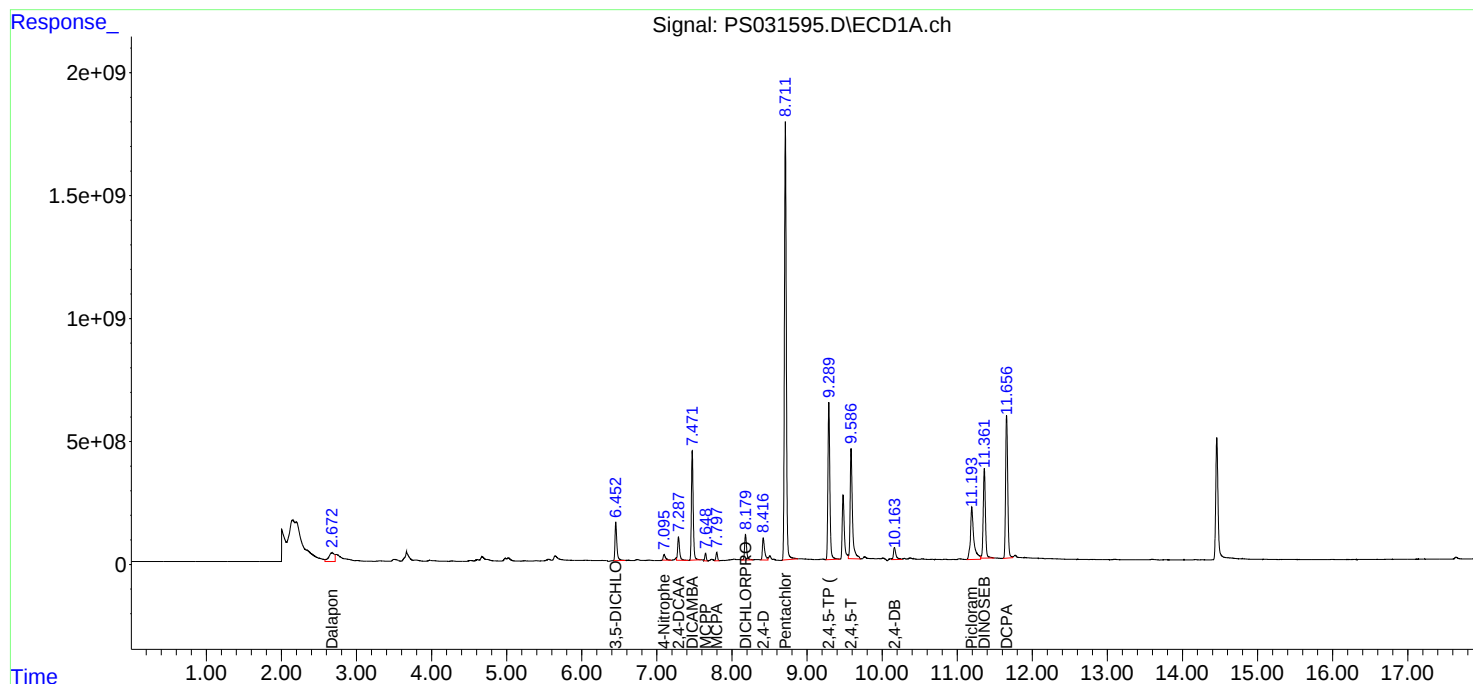
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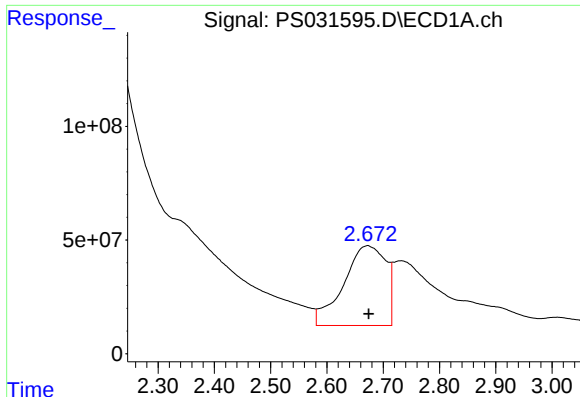
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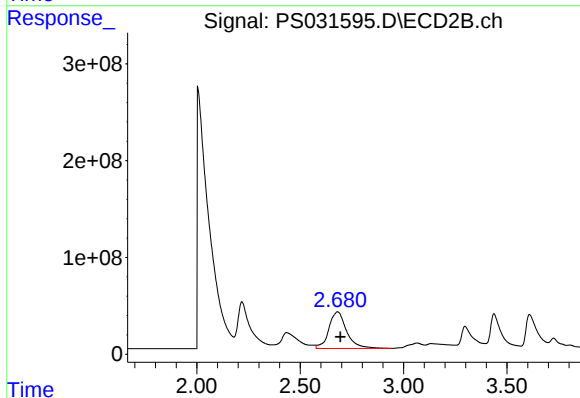
#1 Dalapon

R.T.: 2.672 min
Delta R.T.: -0.002 min
Response: 1841926257
Conc: 350.91 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB169489BL

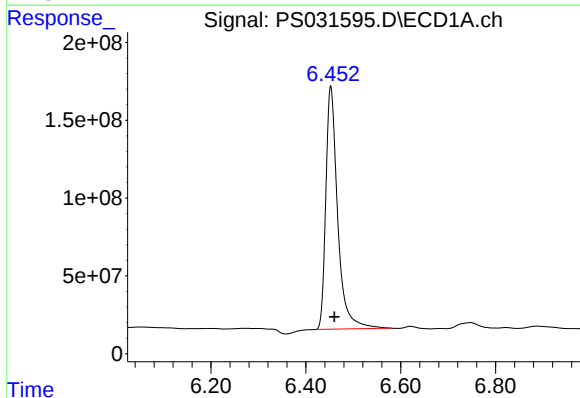
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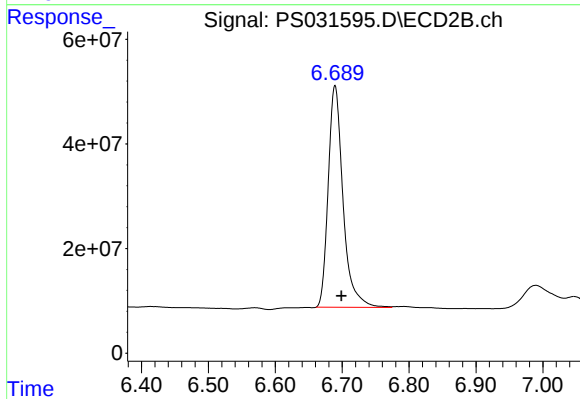
#1 Dalapon

R.T.: 2.680 min
Delta R.T.: -0.014 min
Response: 2256980399
Conc: 848.17 ng/ml



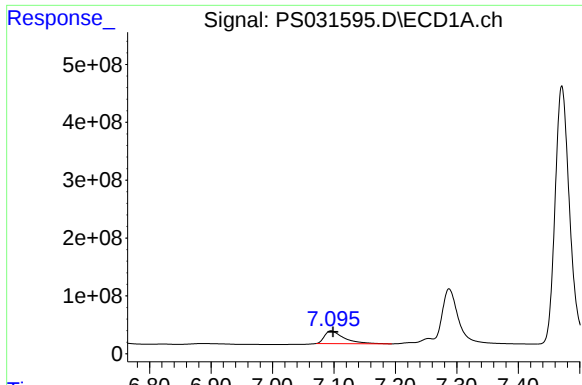
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.452 min
Delta R.T.: -0.008 min
Response: 2705778200
Conc: 573.46 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.689 min
Delta R.T.: -0.010 min
Response: 652562620
Conc: 482.69 ng/ml



#3 4-Nitrophenol

R.T.: 7.095 min
Delta R.T.: -0.003 min
Response: 480824786
Conc: 466.06 ng/ml

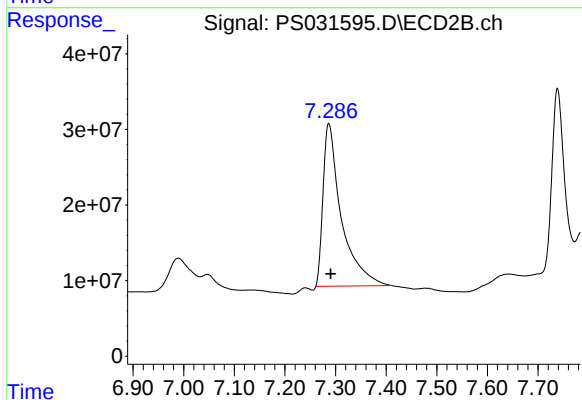
Instrument :

ECD_S

ClientSampleId :
PB169489BL

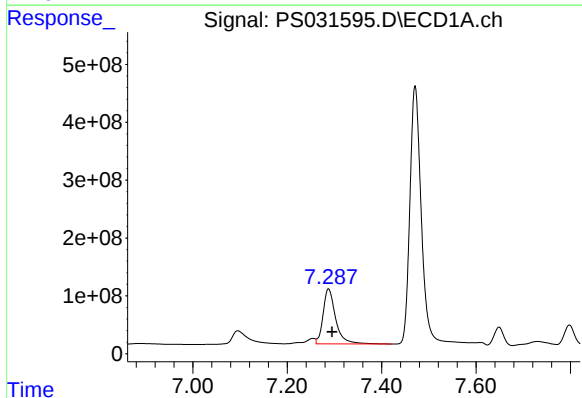
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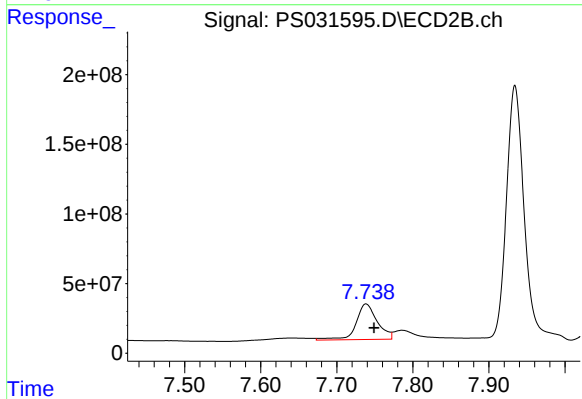
#3 4-Nitrophenol

R.T.: 7.287 min
Delta R.T.: -0.004 min
Response: 539391740
Conc: 429.15 ng/ml



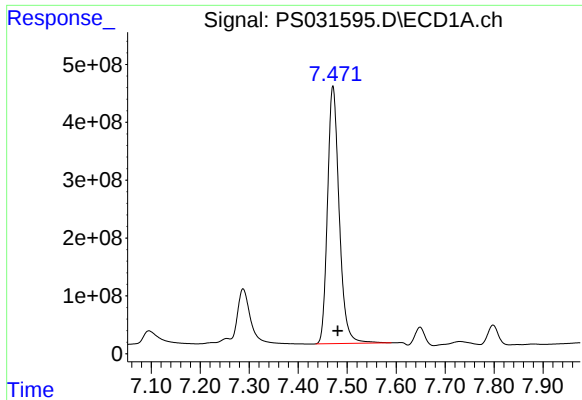
#4 2,4-DCAA

R.T.: 7.287 min
Delta R.T.: -0.007 min
Response: 1749440195
Conc: 551.18 ng/ml



#4 2,4-DCAA

R.T.: 7.738 min
Delta R.T.: -0.011 min
Response: 495901933
Conc: 586.63 ng/ml



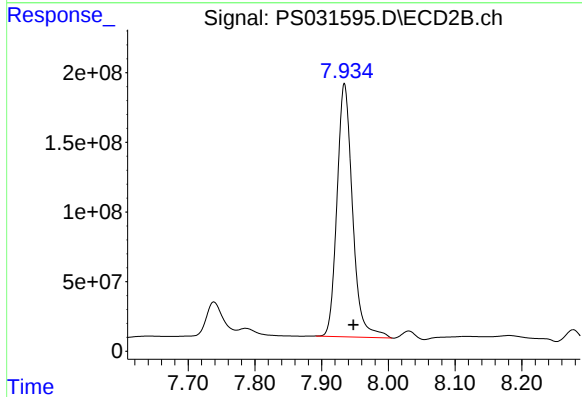
#5 DICAMBA

R.T.: 7.471 min
Delta R.T.: -0.010 min
Response: 7366833147
Conc: 527.47 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB169489BL

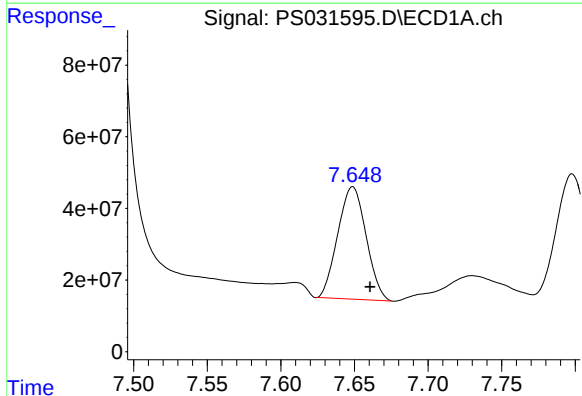
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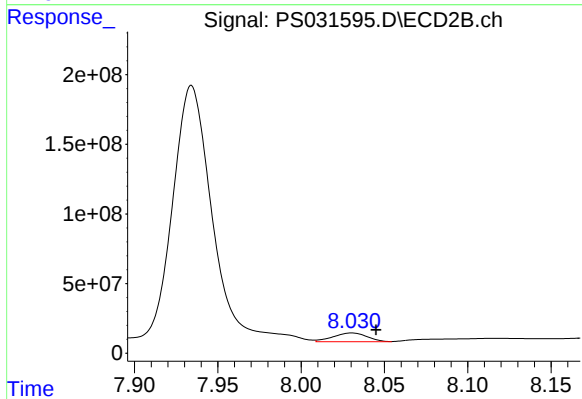
#5 DICAMBA

R.T.: 7.934 min
Delta R.T.: -0.014 min
Response: 2940334215
Conc: 517.42 ng/ml m



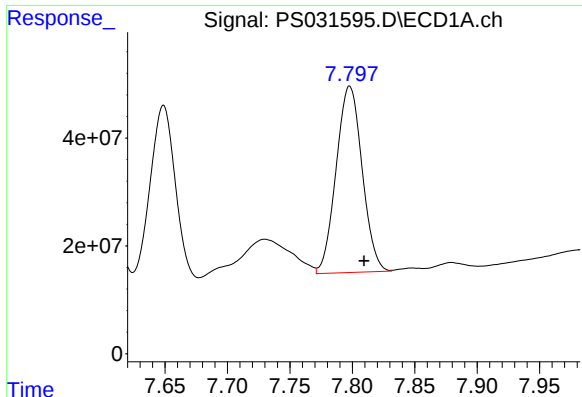
#6 MCP

R.T.: 7.648 min
Delta R.T.: -0.012 min
Response: 419885412
Conc: 52.19 ug/ml m



#6 MCP

R.T.: 8.030 min
Delta R.T.: -0.015 min
Response: 88841889
Conc: 50.25 ug/ml m



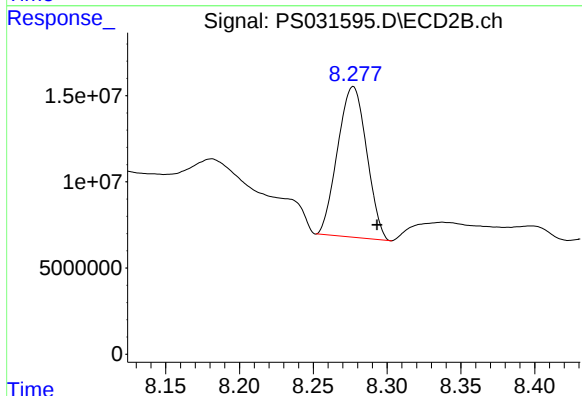
#7 MCPA

R.T.: 7.798 min
Delta R.T.: -0.011 min
Response: 501707301
Conc: 50.37 ug/ml

Instrument :
ECD_S
ClientSampleId :
PB169489BL

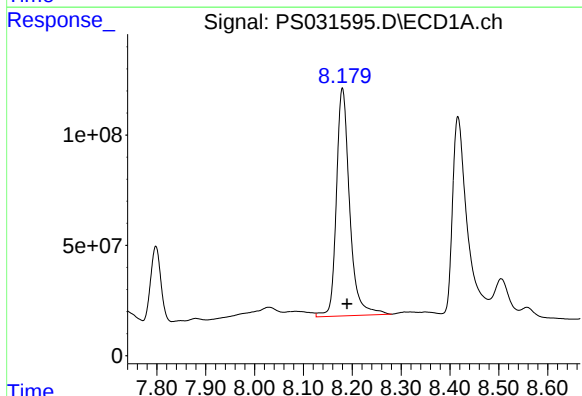
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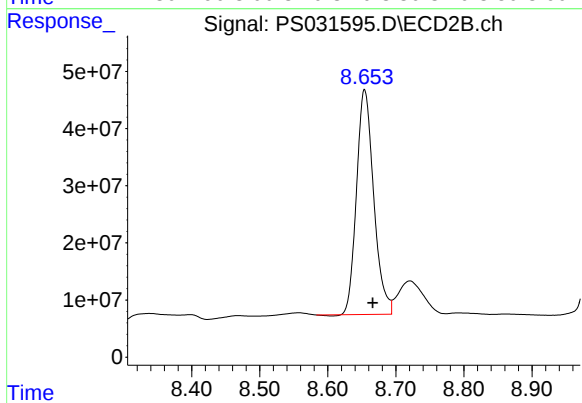
#7 MCPA

R.T.: 8.277 min
Delta R.T.: -0.016 min
Response: 119574794
Conc: 42.62 ug/ml



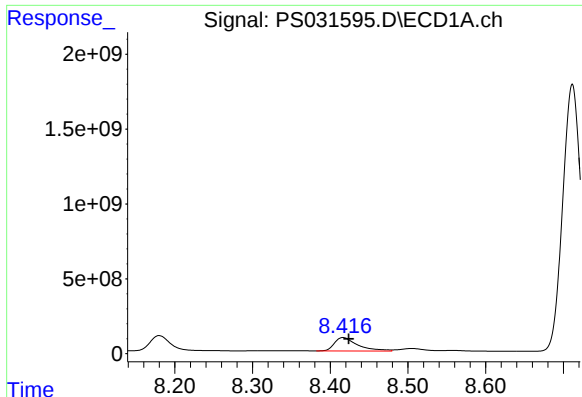
#8 DICHLORPROP

R.T.: 8.180 min
Delta R.T.: -0.010 min
Response: 1947343050
Conc: 613.83 ng/ml



#8 DICHLORPROP

R.T.: 8.654 min
Delta R.T.: -0.012 min
Response: 690344212
Conc: 517.10 ng/ml



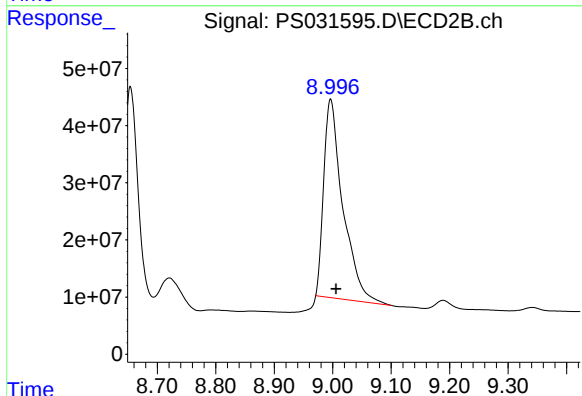
#9 2,4-D

R.T.: 8.416 min
Delta R.T.: -0.007 min
Response: 1873676081
Conc: 651.30 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB169489BL

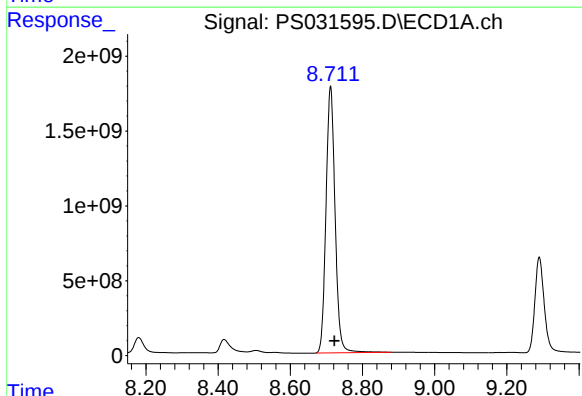
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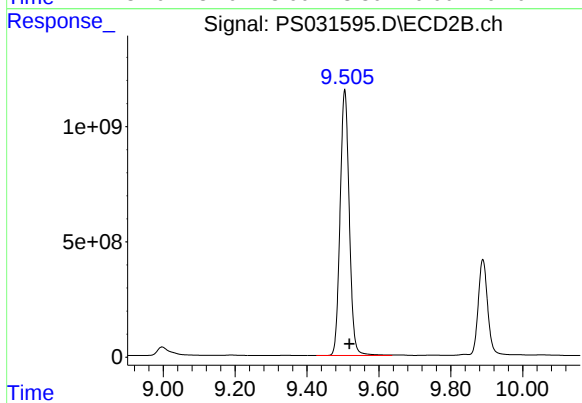
#9 2,4-D

R.T.: 8.996 min
Delta R.T.: -0.009 min
Response: 789333003
Conc: 553.03 ng/ml



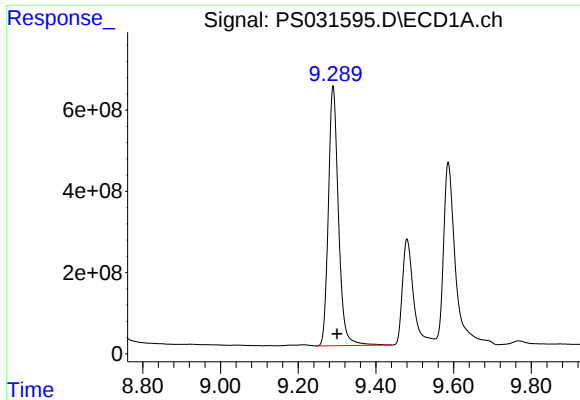
#10 Pentachlorophenol

R.T.: 8.712 min
Delta R.T.: -0.011 min
Response: 30991313079
Conc: 645.49 ng/ml



#10 Pentachlorophenol

R.T.: 9.505 min
Delta R.T.: -0.013 min
Response: 20377059873
Conc: 585.07 ng/ml



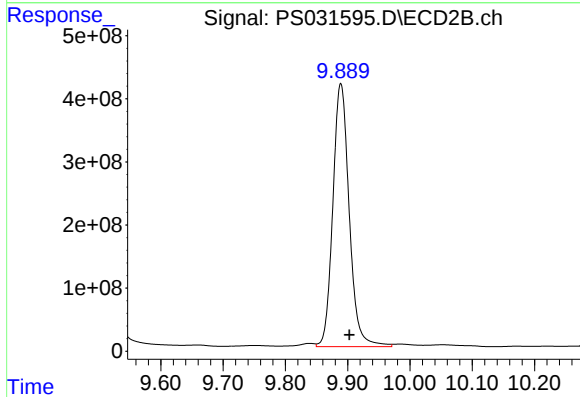
#11 2,4,5-TP (SILVEX)

R.T.: 9.290 min
Delta R.T.: -0.010 min
Response: 11539876656
Conc: 643.83 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB169489BL

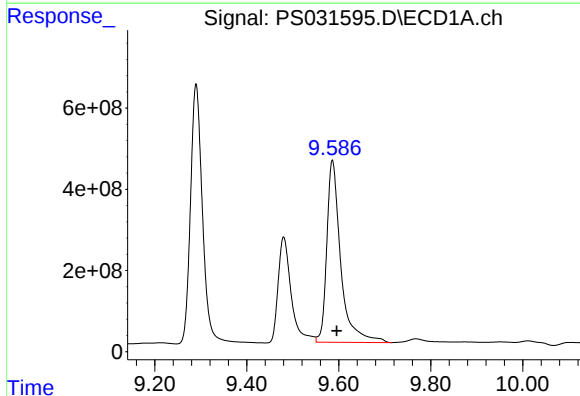
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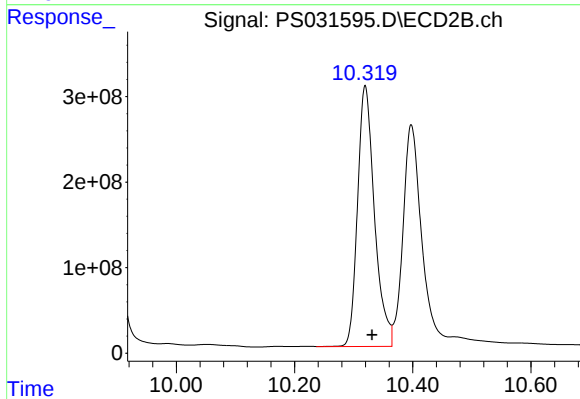
#11 2,4,5-TP (SILVEX)

R.T.: 9.889 min
Delta R.T.: -0.014 min
Response: 7608696503
Conc: 580.11 ng/ml



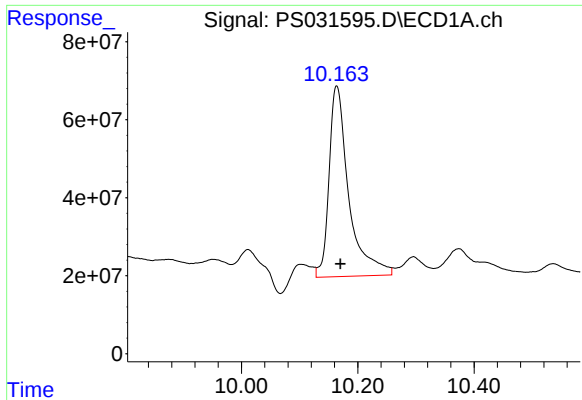
#12 2,4,5-T

R.T.: 9.586 min
Delta R.T.: -0.009 min
Response: 9448986715
Conc: 644.93 ng/ml



#12 2,4,5-T

R.T.: 10.320 min
Delta R.T.: -0.011 min
Response: 6070284555
Conc: 512.70 ng/ml



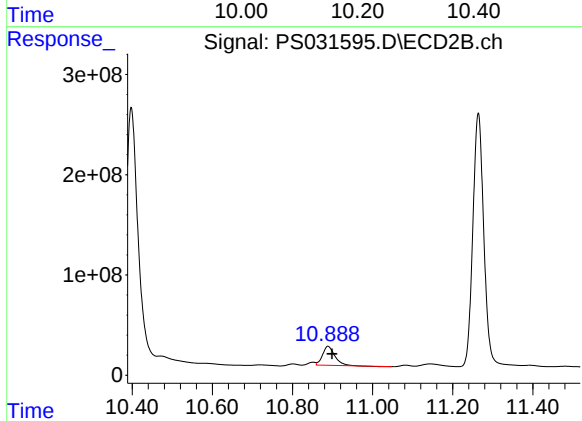
#13 2,4-DB

R.T.: 10.163 min
Delta R.T.: -0.007 min
Response: 1150012208
Conc: 598.43 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB169489BL

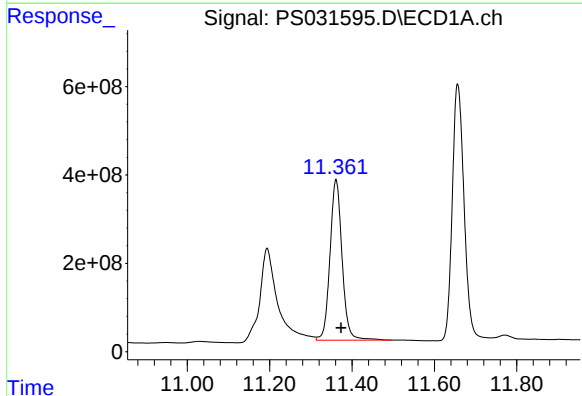
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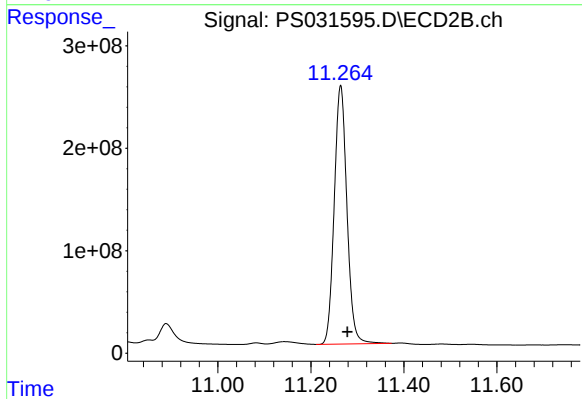
#13 2,4-DB

R.T.: 10.889 min
Delta R.T.: -0.011 min
Response: 400344633
Conc: 414.93 ng/ml



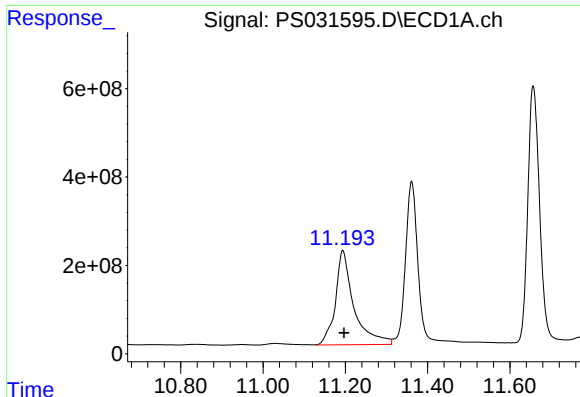
#14 DINOSEB

R.T.: 11.361 min
Delta R.T.: -0.012 min
Response: 7416735724
Conc: 584.99 ng/ml



#14 DINOSEB

R.T.: 11.264 min
Delta R.T.: -0.014 min
Response: 4777578762
Conc: 505.19 ng/ml



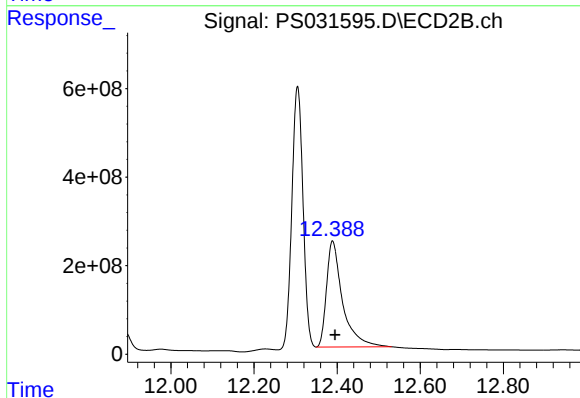
#15 Picloram

R.T.: 11.193 min
Delta R.T.: -0.004 min
Response: 6664330068
Conc: 510.51 ng/ml

Instrument :
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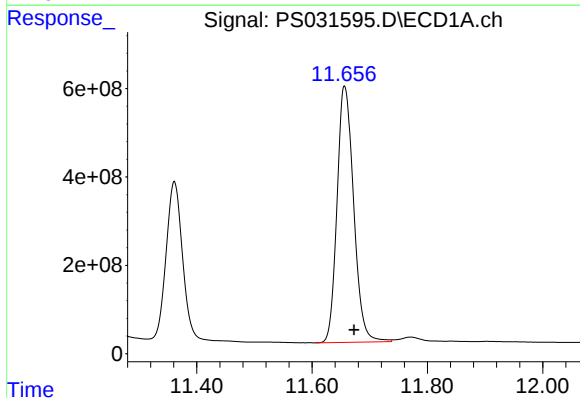
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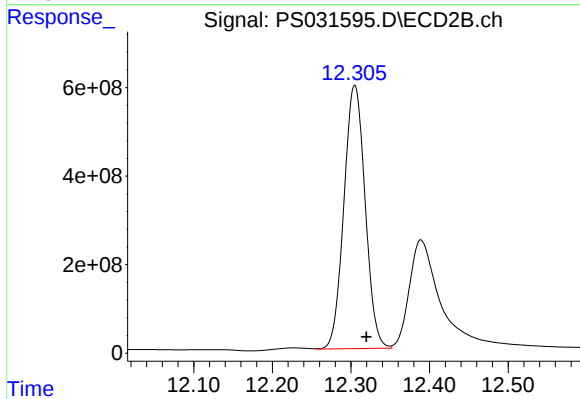
#15 Picloram

R.T.: 12.389 min
Delta R.T.: -0.006 min
Response: 6412476456
Conc: 365.81 ng/ml



#16 DCPA

R.T.: 11.656 min
Delta R.T.: -0.017 min
Response: 11540330131
Conc: 506.61 ng/ml m



#16 DCPA

R.T.: 12.305 min
Delta R.T.: -0.015 min
Response: 11167050858
Conc: 566.84 ng/ml m