

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS090325\
 Data File : PS031596.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Sep 2025 12:11
 Operator : AR\AJ
 Sample : PB169489BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PB169489BS

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 12:50:17 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	7.743	1968.7E6	455.9E6	620.269	539.354
Target Compounds							
1) T	Dalapon	2.673	2.693	2575.3E6	1262.5E6	490.625	474.458
2) T	3,5-DICHL...	6.454	6.695	2720.0E6	749.9E6	576.477	554.699
3) T	4-Nitroph...	7.100	7.300	553.4E6	528.7E6	536.435	420.651
5) T	DICAMBA	7.470	7.938	8031.6E6	3054.7E6	575.066	537.541
6) T	MCPD	7.647	8.033	472.9E6	99543039	58.783m	56.308m
7) T	MCPA	7.795	8.280	535.0E6	131.2E6	53.703	46.777
8) T	DICHLORPROP	8.179	8.658	1830.2E6	724.8E6	576.901	542.911
9) T	2,4-D	8.417	9.003	1951.7E6	718.2E6	678.411	503.201 #
10) T	Pentachlo...	8.710	9.507	30267.2E6	20311.0E6	630.403	583.173
11) T	2,4,5-TP ...	9.287	9.893	11068.7E6	7333.2E6	617.547	559.105
12) T	2,4,5-T	9.586	10.324	9401.9E6	6120.3E6	641.713	516.931
13) T	2,4-DB	10.163	10.893	1097.2E6	415.0E6	570.969	430.134
14) T	DINOSEB	11.357	11.265	7839.1E6	5306.5E6	618.297	561.118
15) T	Picloram	11.193	12.393	7136.3E6	7323.0E6	546.672m	417.748
16) T	DCPA	11.656	12.306	14890.8E6	11669.9E6	653.697m	592.368m

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

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Acq On : 03 Sep 2025 12:11
Operator : AR\AJ
Sample : PB169489BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

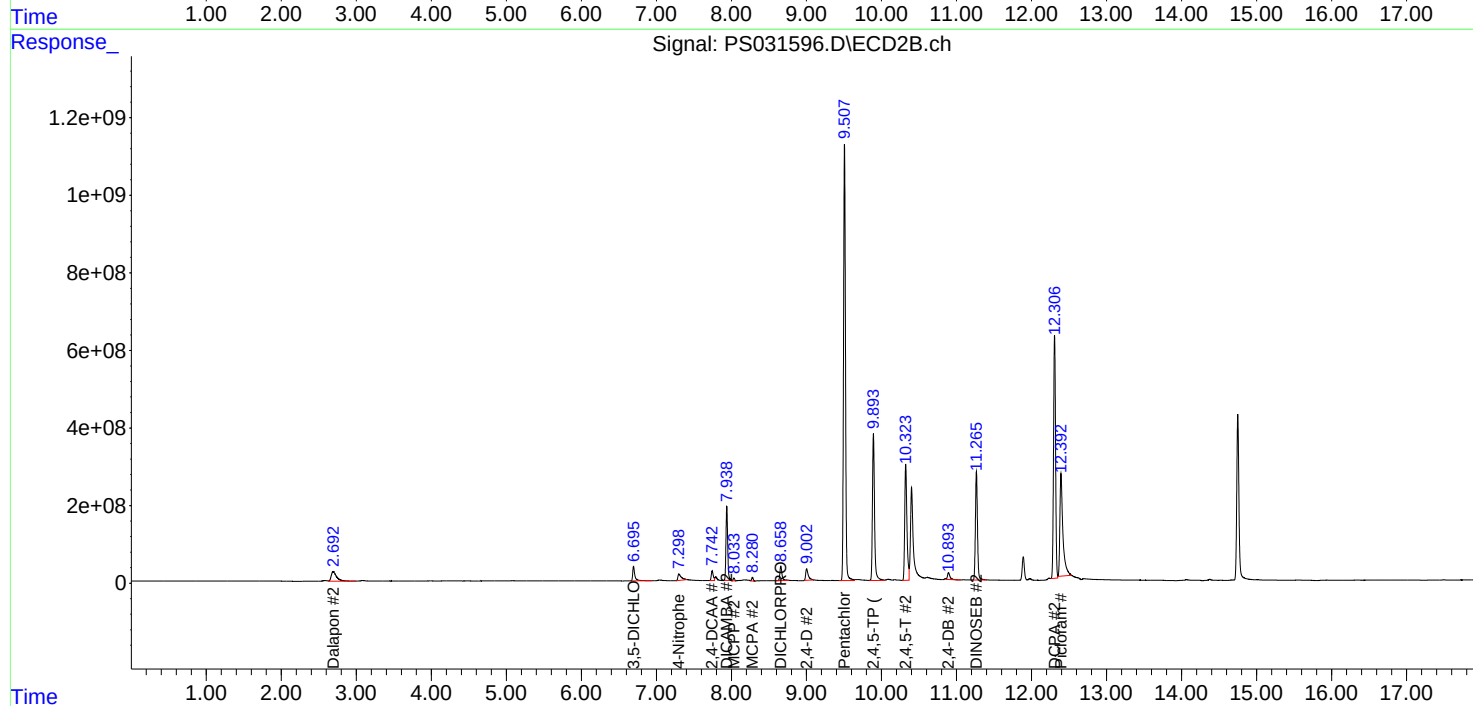
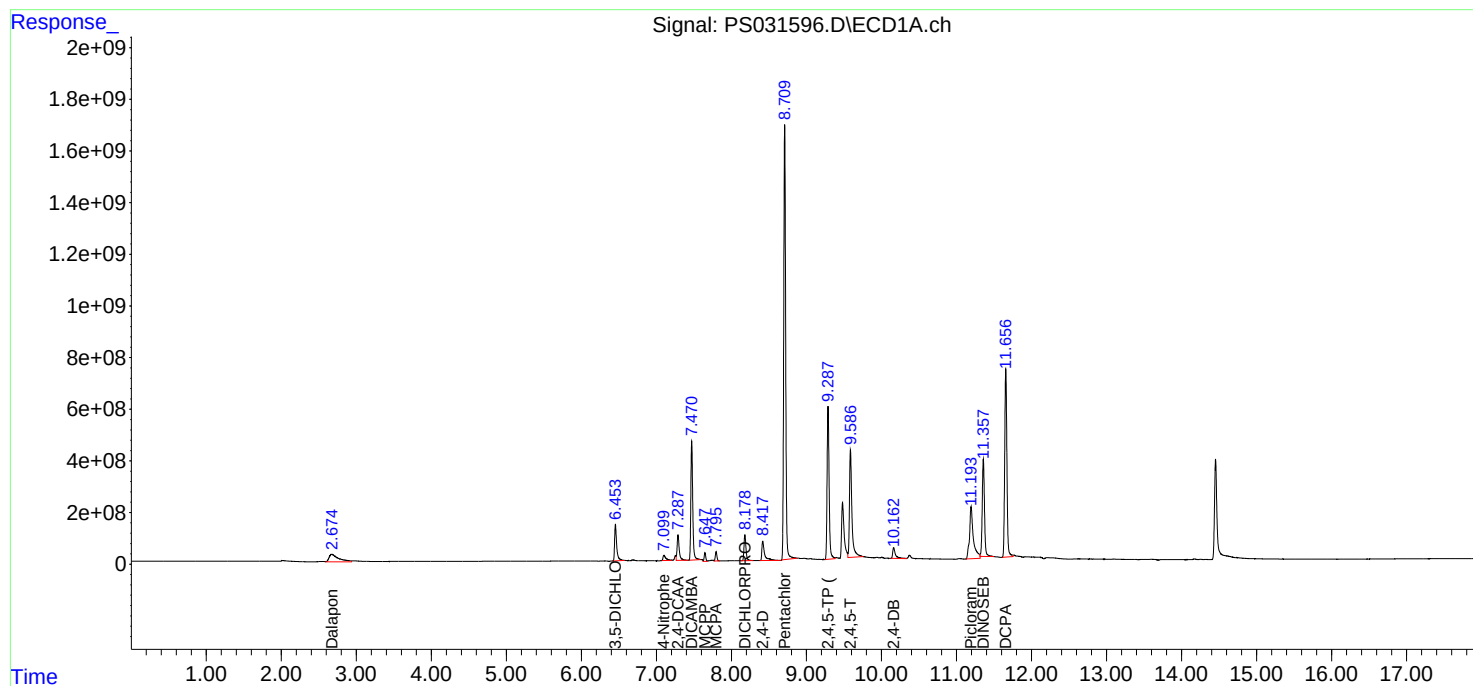
Instrument :
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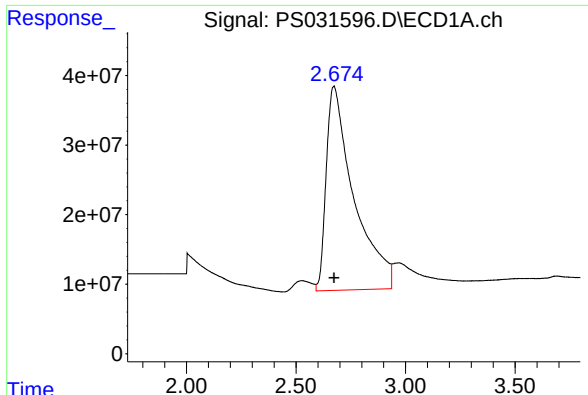
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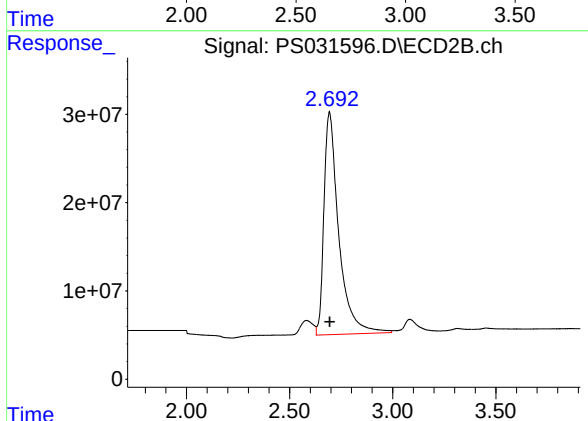
#1 Dalapon

R.T.: 2.673 min
Delta R.T.: 0.000 min
Response: 2575259513
Conc: 490.63 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB169489BS

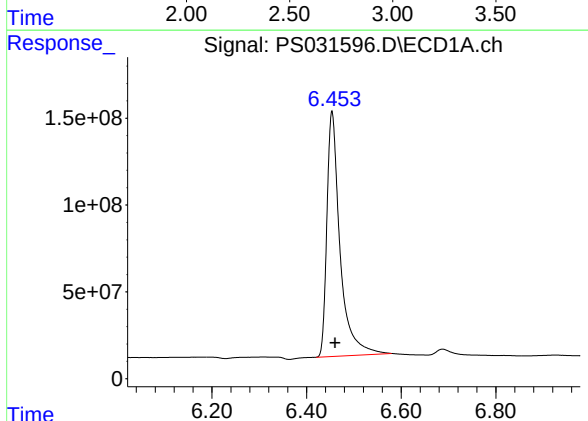
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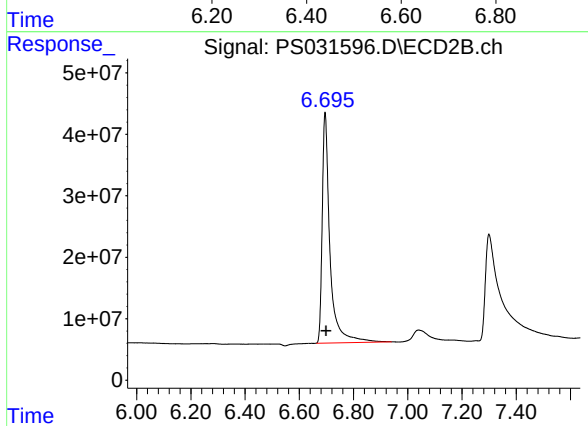
#1 Dalapon

R.T.: 2.693 min
Delta R.T.: -0.002 min
Response: 1262536993
Conc: 474.46 ng/ml



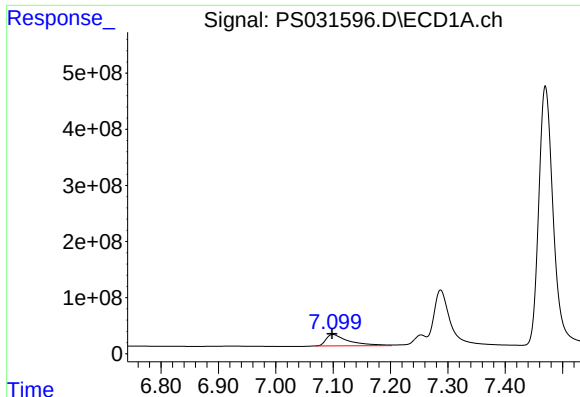
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.454 min
Delta R.T.: -0.007 min
Response: 2720001289
Conc: 576.48 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.695 min
Delta R.T.: -0.004 min
Response: 749913818
Conc: 554.70 ng/ml



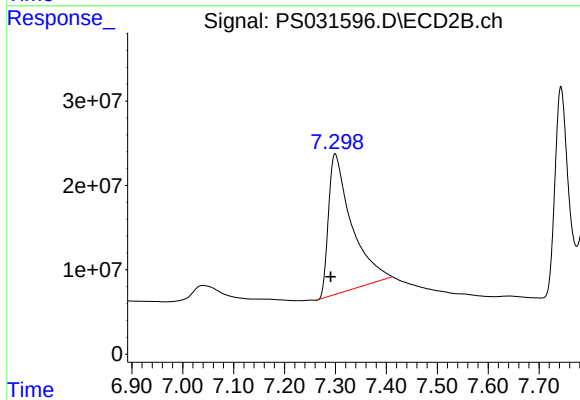
#3 4-Nitrophenol

R.T.: 7.100 min
Delta R.T.: 0.001 min
Response: 553428988
Conc: 536.43 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB169489BS

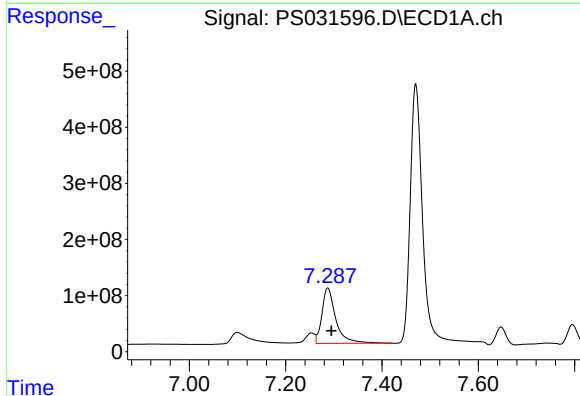
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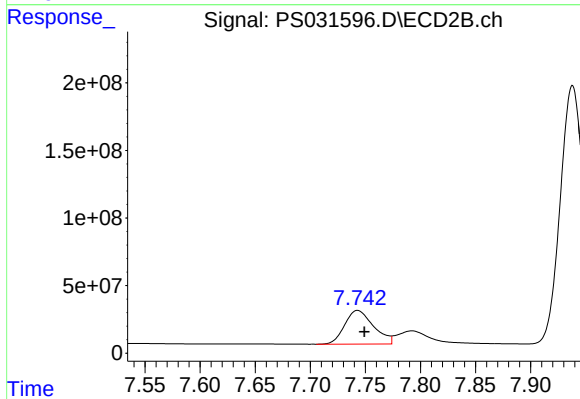
#3 4-Nitrophenol

R.T.: 7.300 min
Delta R.T.: 0.009 min
Response: 528712430
Conc: 420.65 ng/ml



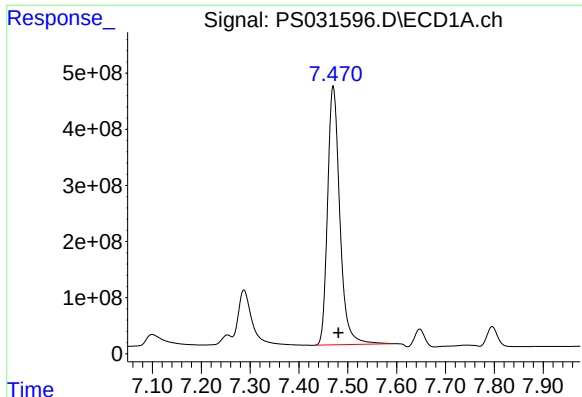
#4 2,4-DCAA

R.T.: 7.287 min
Delta R.T.: -0.008 min
Response: 1968726461
Conc: 620.27 ng/ml



#4 2,4-DCAA

R.T.: 7.743 min
Delta R.T.: -0.006 min
Response: 455937608
Conc: 539.35 ng/ml



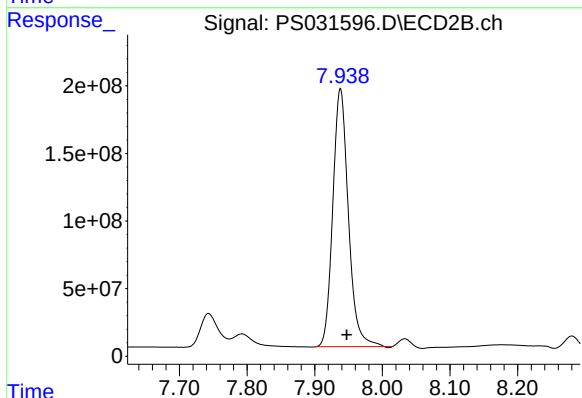
#5 DICAMBA

R.T.: 7.470 min
Delta R.T.: -0.011 min
Response: 8031644294
Conc: 575.07 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB169489BS

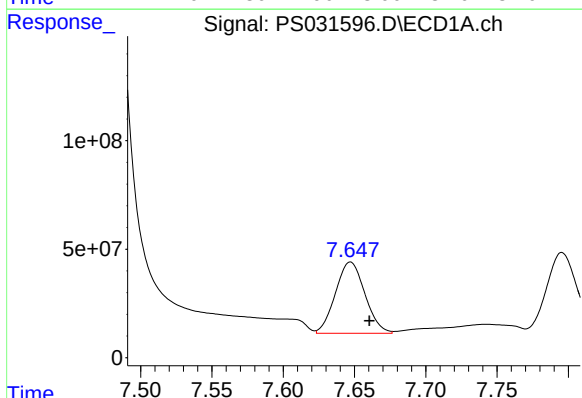
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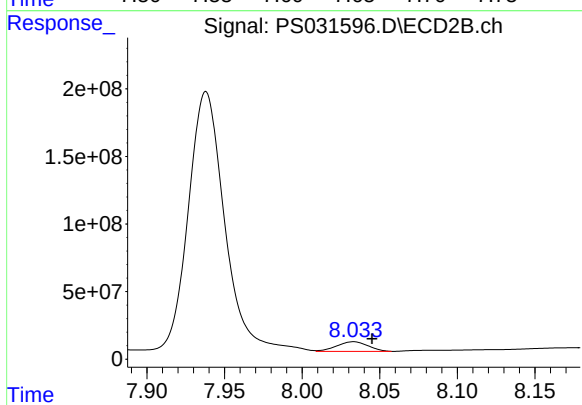
#5 DICAMBA

R.T.: 7.938 min
Delta R.T.: -0.009 min
Response: 3054677012
Conc: 537.54 ng/ml



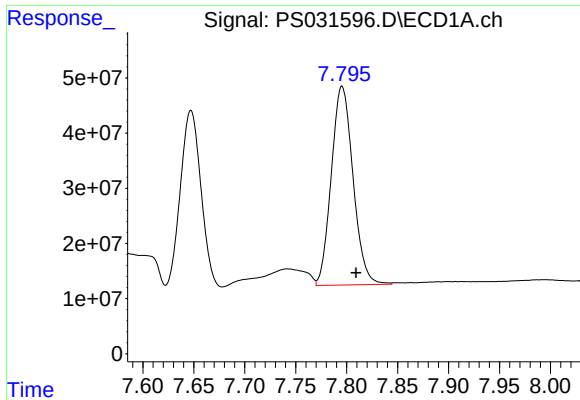
#6 MCPP

R.T.: 7.647 min
Delta R.T.: -0.014 min
Response: 472900663
Conc: 58.78 ug/ml m



#6 MCPP

R.T.: 8.033 min
Delta R.T.: -0.012 min
Response: 99543039
Conc: 56.31 ug/ml m



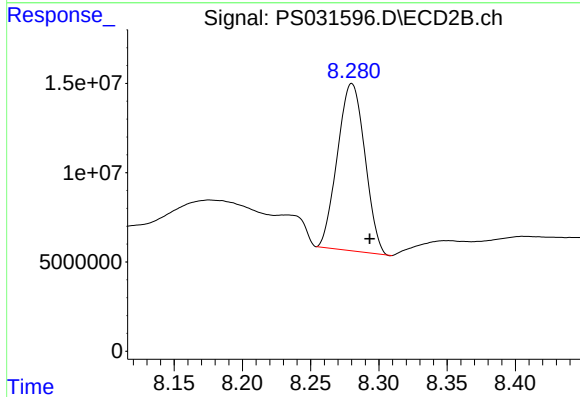
#7 MCPA

R.T.: 7.795 min
Delta R.T.: -0.014 min
Response: 534955318
Conc: 53.70 ug/ml

Instrument :
ECD_S
ClientSampleId :
PB169489BS

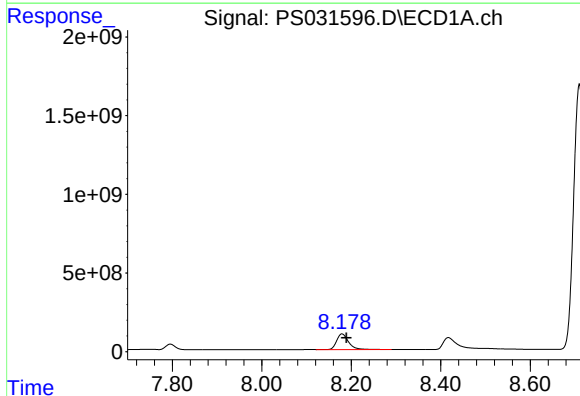
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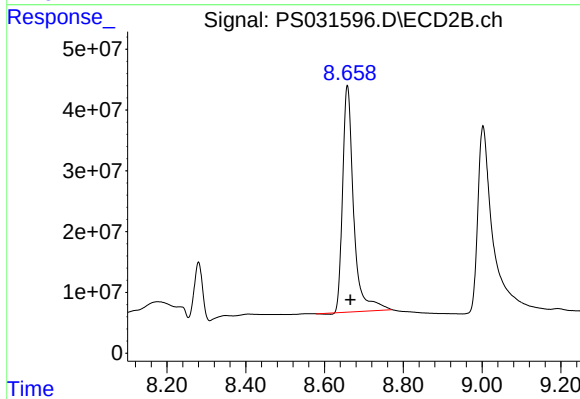
#7 MCPA

R.T.: 8.280 min
Delta R.T.: -0.013 min
Response: 131233338
Conc: 46.78 ug/ml



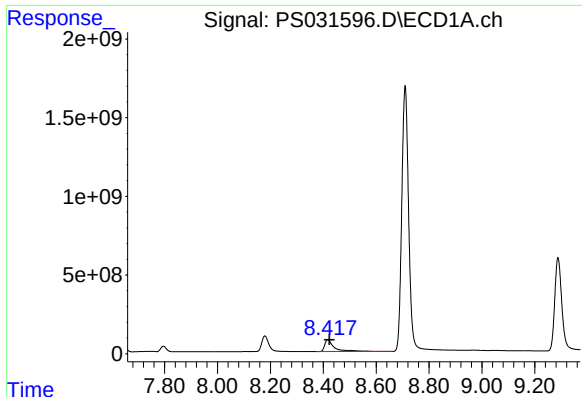
#8 DICHLORPROP

R.T.: 8.179 min
Delta R.T.: -0.010 min
Response: 1830177683
Conc: 576.90 ng/ml



#8 DICHLORPROP

R.T.: 8.658 min
Delta R.T.: -0.008 min
Response: 724804311
Conc: 542.91 ng/ml



#9 2,4-D

R.T.: 8.417 min
Delta R.T.: -0.007 min
Response: 1951664472
Conc: 678.41 ng/ml

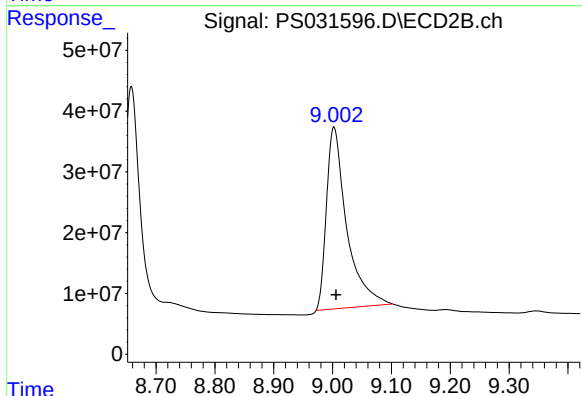
Instrument :

ECD_S

ClientSampleId :
PB169489BS

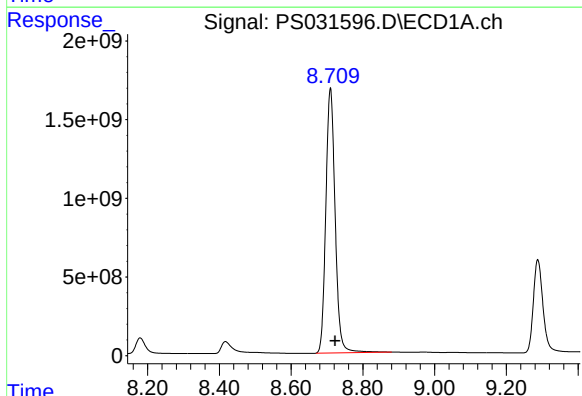
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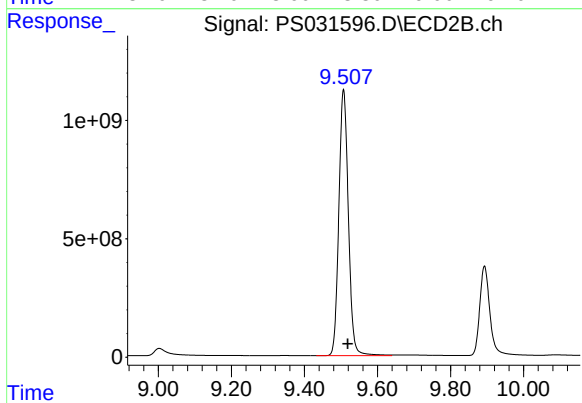
#9 2,4-D

R.T.: 9.003 min
Delta R.T.: -0.003 min
Response: 718212598
Conc: 503.20 ng/ml



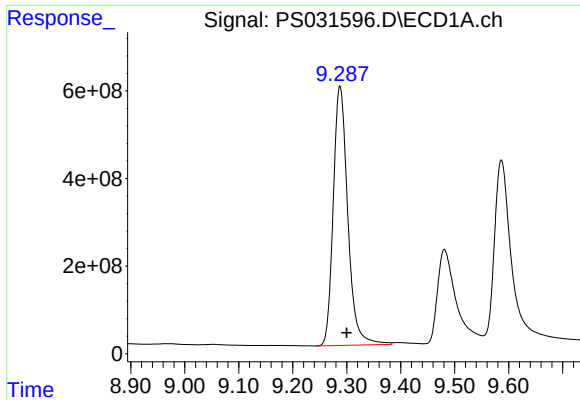
#10 Pentachlorophenol

R.T.: 8.710 min
Delta R.T.: -0.012 min
Response: 30267195983
Conc: 630.40 ng/ml



#10 Pentachlorophenol

R.T.: 9.507 min
Delta R.T.: -0.011 min
Response: 20310991914
Conc: 583.17 ng/ml



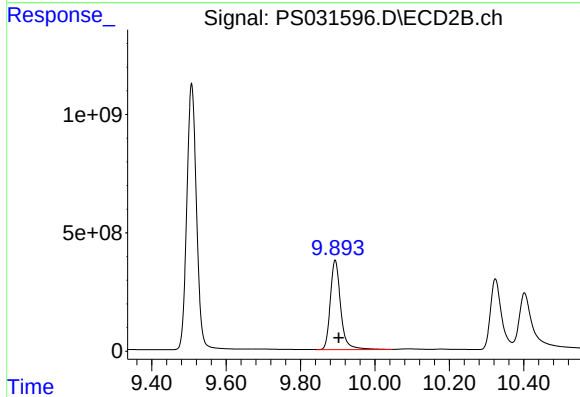
#11 2,4,5-TP (SILVEX)

R.T.: 9.287 min
Delta R.T.: -0.013 min
Response: 11068739181
Conc: 617.55 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB169489BS

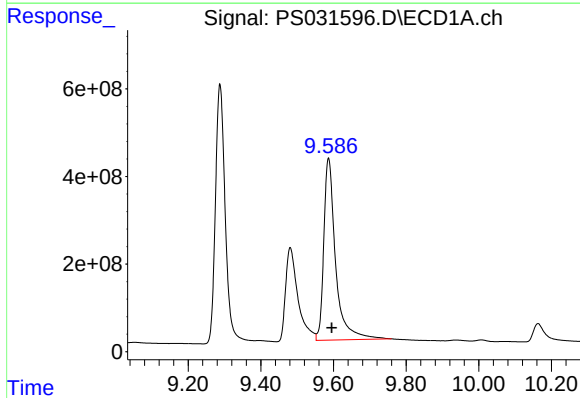
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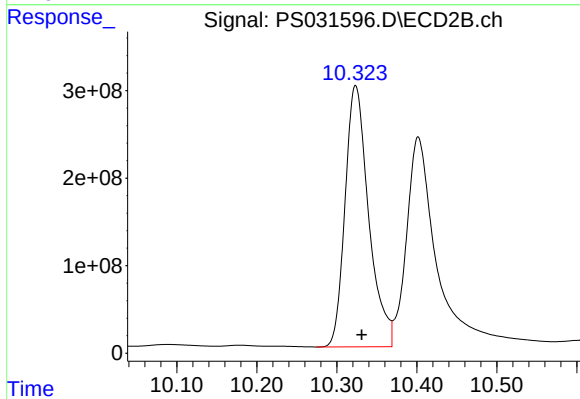
#11 2,4,5-TP (SILVEX)

R.T.: 9.893 min
Delta R.T.: -0.010 min
Response: 7333239787
Conc: 559.11 ng/ml



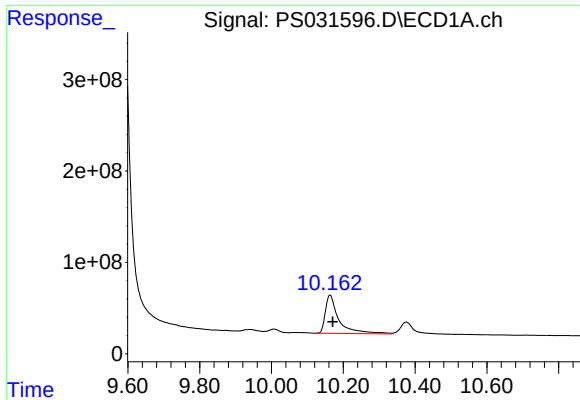
#12 2,4,5-T

R.T.: 9.586 min
Delta R.T.: -0.009 min
Response: 9401889782
Conc: 641.71 ng/ml



#12 2,4,5-T

R.T.: 10.324 min
Delta R.T.: -0.007 min
Response: 6120338825
Conc: 516.93 ng/ml



#13 2,4-DB

R.T.: 10.163 min
Delta R.T.: -0.007 min
Response: 1097242399
Conc: 570.97 ng/ml

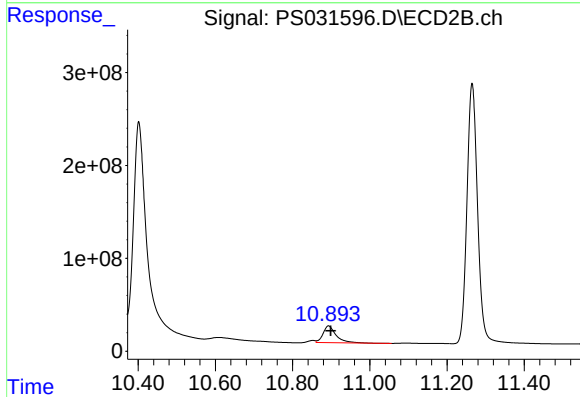
Instrument :

ECD_S

ClientSampleId :
PB169489BS

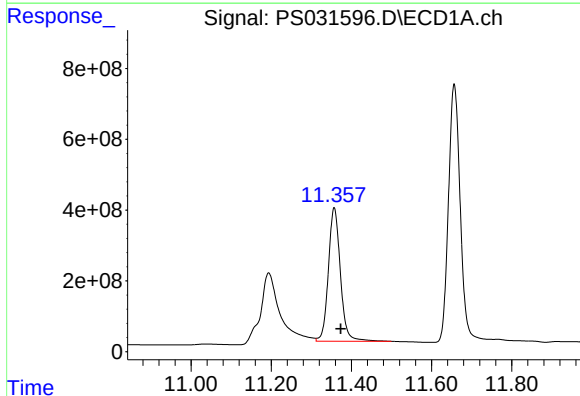
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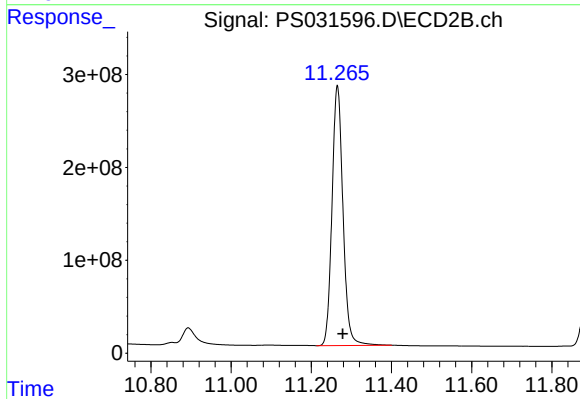
#13 2,4-DB

R.T.: 10.893 min
Delta R.T.: -0.006 min
Response: 415013287
Conc: 430.13 ng/ml



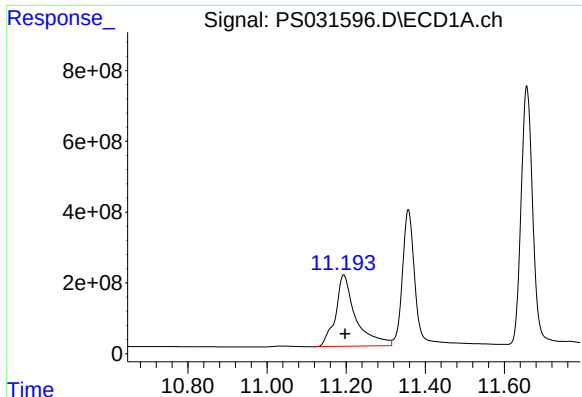
#14 DINOSEB

R.T.: 11.357 min
Delta R.T.: -0.016 min
Response: 7839059929
Conc: 618.30 ng/ml



#14 DINOSEB

R.T.: 11.265 min
Delta R.T.: -0.013 min
Response: 5306469172
Conc: 561.12 ng/ml



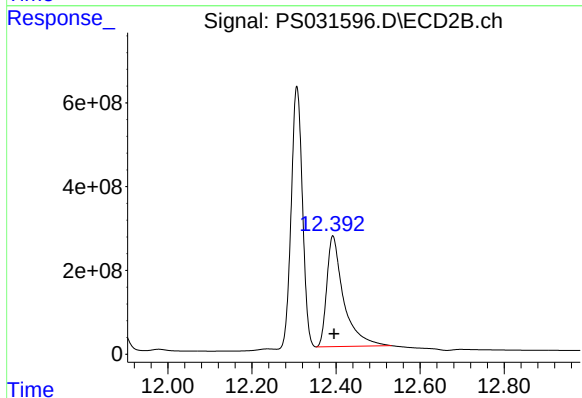
#15 Picloram

R.T.: 11.193 min
Delta R.T.: -0.004 min
Response: 7136339589
Conc: 546.67 ng/ml

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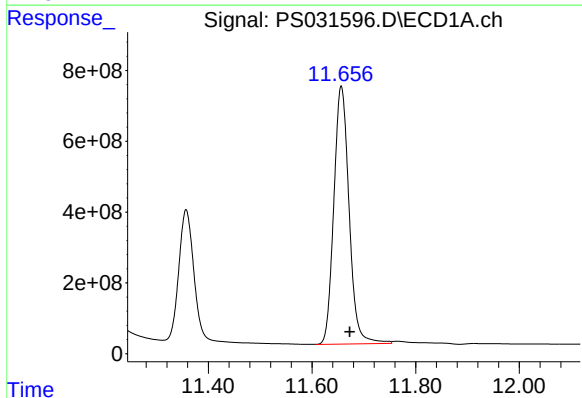
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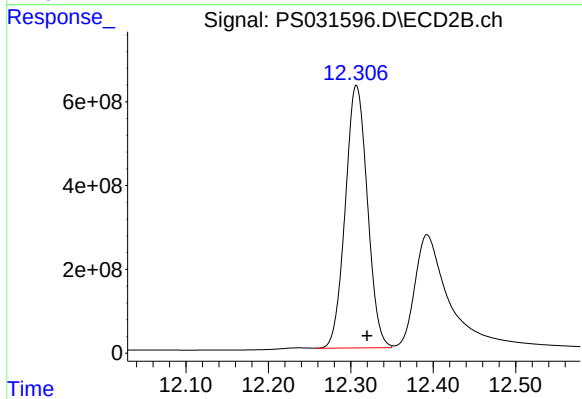
#15 Picloram

R.T.: 12.393 min
Delta R.T.: -0.003 min
Response: 7323017287
Conc: 417.75 ng/ml



#16 DCPA

R.T.: 11.656 min
Delta R.T.: -0.017 min
Response: 14890766054
Conc: 653.70 ng/ml m



#16 DCPA

R.T.: 12.306 min
Delta R.T.: -0.013 min
Response: 11669880711
Conc: 592.37 ng/ml m