

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS081325\
 Data File : PS031431.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Aug 2025 16:47
 Operator : AR\AJ
 Sample : PB169226BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PB169226BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 08/14/2025
 Supervised By :mohammad ahmed 08/18/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 14 03:08:08 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	7.293	7.746	1900.7E6	454.9E6	598.846	538.162
Target Compounds							
1) T	Dalapon	2.676	2.696	2662.7E6	1276.5E6	507.289	479.722
2) T	3,5-DICHL...	6.459	6.697	2616.6E6	679.0E6	554.572	502.261
3) T	4-Nitroph...	7.097	7.291	631.4E6	590.6E6	612.024m	469.899
5) T	DICAMBA	7.480	7.944	7780.9E6	2897.1E6	557.113	509.809
6) T	MCPD	7.658	8.041	430.4E6	90319496	53.499	51.090
7) T	MCPA	7.807	8.289	528.4E6	131.4E6	53.041	46.826
8) T	DICHLORPROP	8.188	8.663	1781.8E6	677.8E6	561.651	507.687
9) T	2,4-D	8.421	9.003	1680.7E6	741.4E6	584.206	519.447m
10) T	Pentachlo...	8.720	9.516	28869.1E6	18639.1E6	601.285	535.169
11) T	2,4,5-TP ...	9.298	9.900	10614.3E6	6878.3E6	592.192	524.419
12) T	2,4,5-T	9.593	10.328	9060.6E6	6156.8E6	618.420	520.008
13) T	2,4-DB	10.168	10.897	1088.6E6	478.0E6	566.488m	495.375
14) T	DINOSEB	11.372	11.276	7609.9E6	4965.0E6	600.223	525.009
15) T	Picloram	11.196	12.394	7754.0E6	8357.5E6	593.989	476.762
16) T	DCPA	11.671	12.317	13892.1E6	10595.1E6	609.854	537.812

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

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Acq On : 13 Aug 2025 16:47
Operator : AR\AJ
Sample : PB169226BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

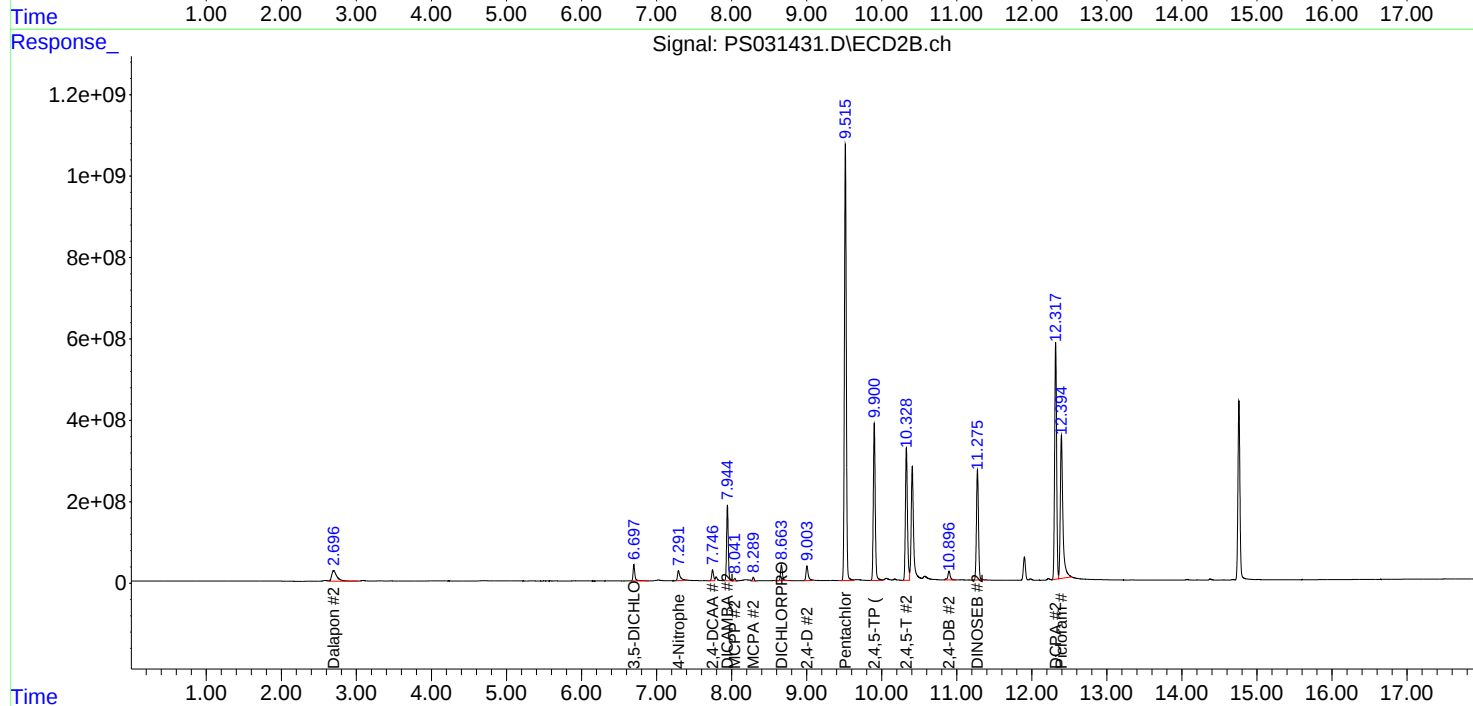
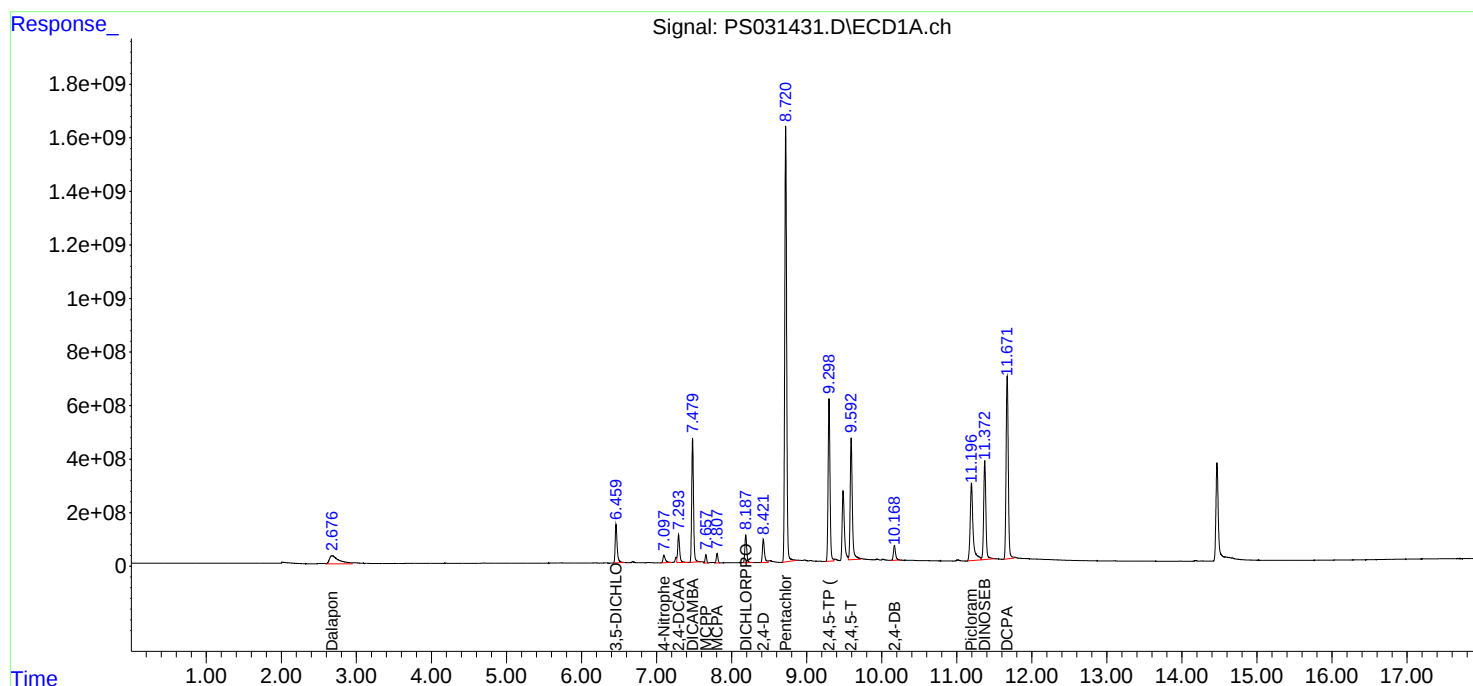
Instrument :
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PB169226BS

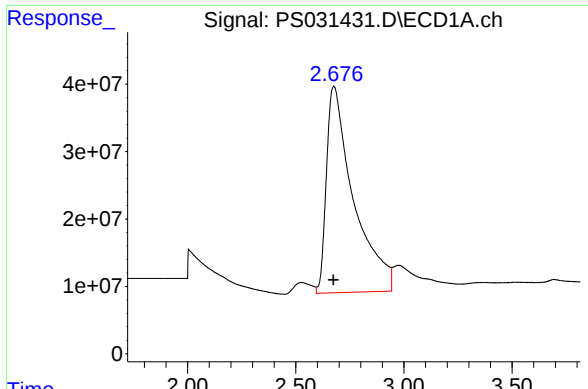
Manual Integrations
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Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





#1 Dalapon

R.T.: 2.676 min
Delta R.T.: 0.002 min
Response: 2662726227
Conc: 507.29 ng/ml

Instrument :

ECD_S

ClientSampleId :

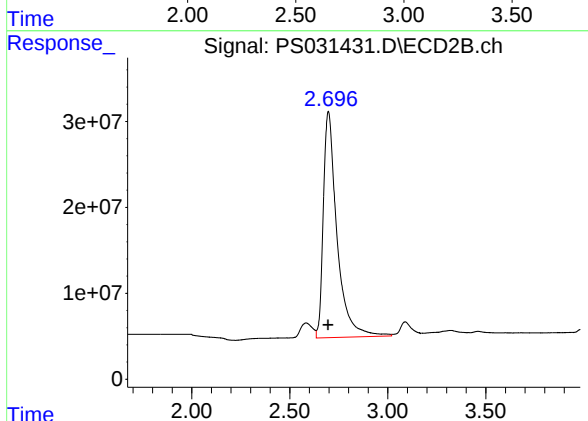
PB169226BS

Manual Integrations

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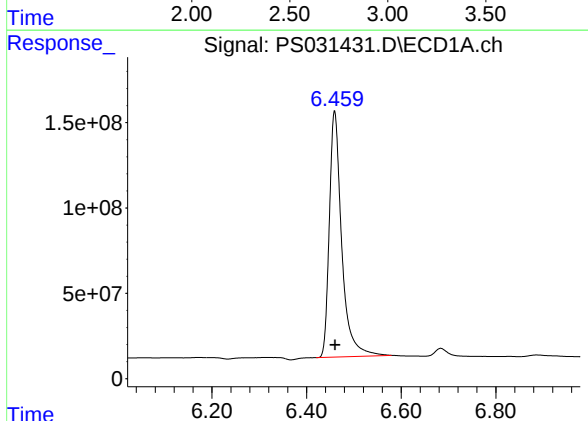
Reviewed By :Abdul Mirza 08/14/2025

Supervised By :mohammad ahmed 08/18/2025



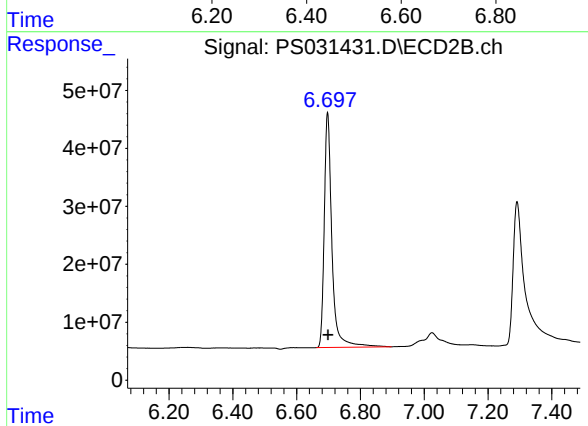
#1 Dalapon

R.T.: 2.696 min
Delta R.T.: 0.002 min
Response: 1276546638
Conc: 479.72 ng/ml



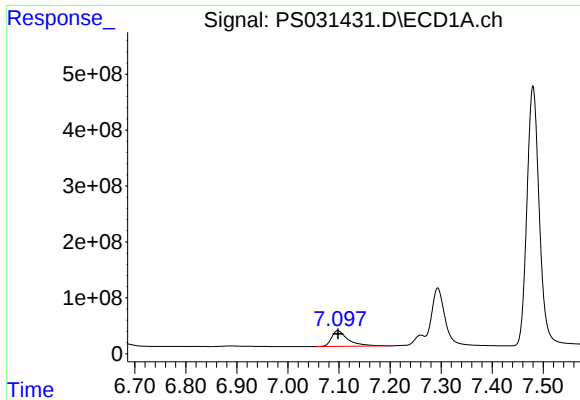
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.459 min
Delta R.T.: -0.001 min
Response: 2616644822
Conc: 554.57 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.697 min
Delta R.T.: -0.002 min
Response: 679020853
Conc: 502.26 ng/ml



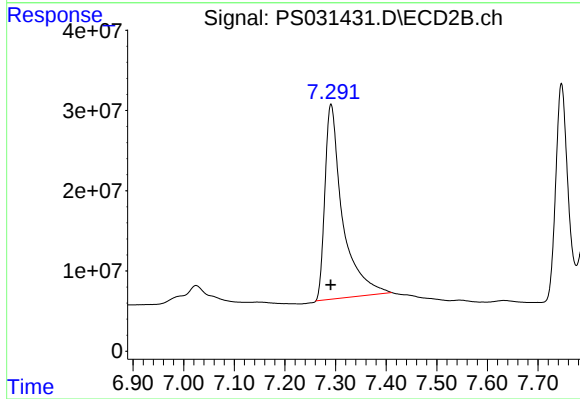
#3 4-Nitrophenol

R.T.: 7.097 min
Delta R.T.: -0.001 min
Response: 631413175
Conc: 612.02 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB169226BS

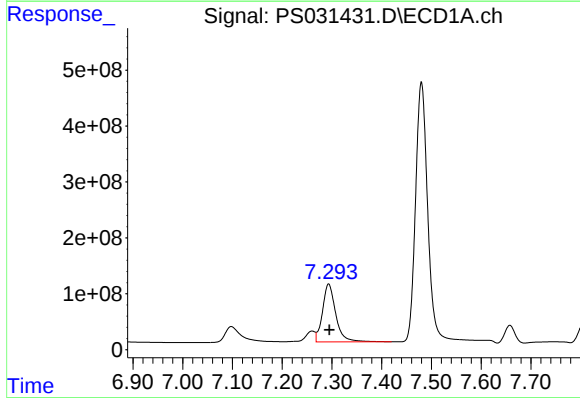
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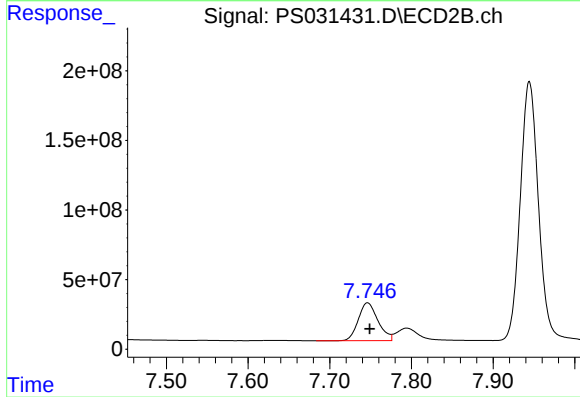
#3 4-Nitrophenol

R.T.: 7.291 min
Delta R.T.: 0.000 min
Response: 590611205
Conc: 469.90 ng/ml



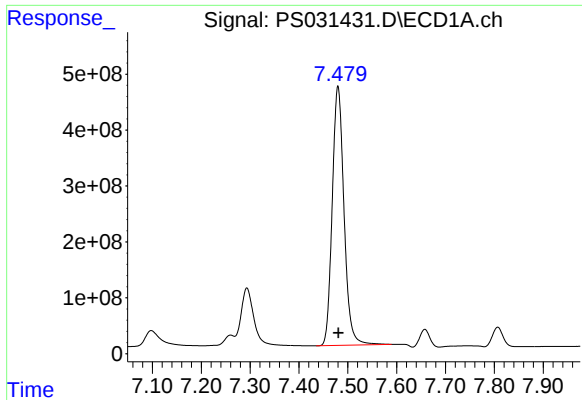
#4 2,4-DCAA

R.T.: 7.293 min
Delta R.T.: -0.001 min
Response: 1900730625
Conc: 598.85 ng/ml



#4 2,4-DCAA

R.T.: 7.746 min
Delta R.T.: -0.003 min
Response: 454929852
Conc: 538.16 ng/ml



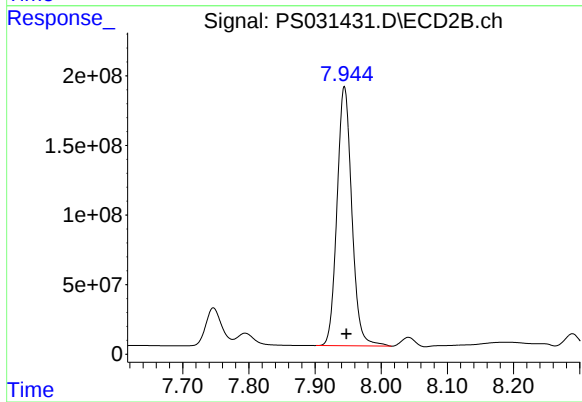
#5 DICAMBA

R.T.: 7.480 min
Delta R.T.: 0.000 min
Response: 7780901088
Conc: 557.11 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB169226BS

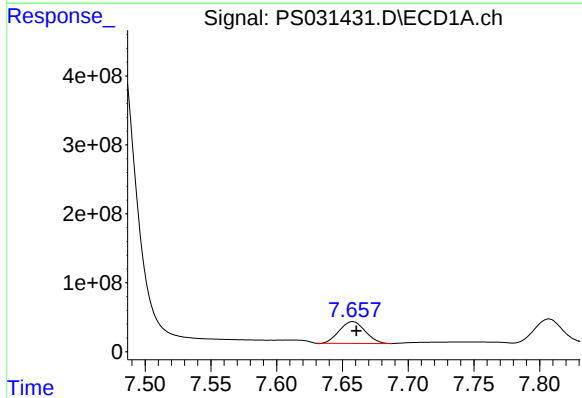
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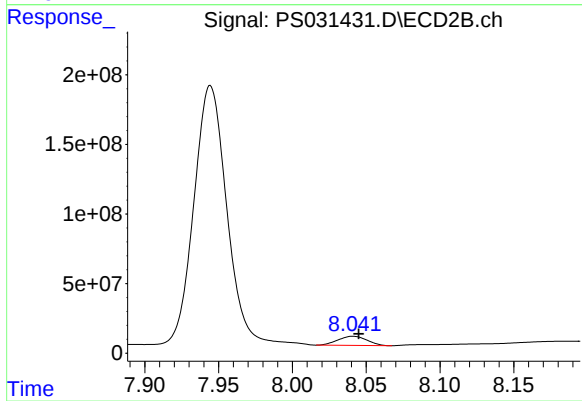
#5 DICAMBA

R.T.: 7.944 min
Delta R.T.: -0.003 min
Response: 2897086064
Conc: 509.81 ng/ml



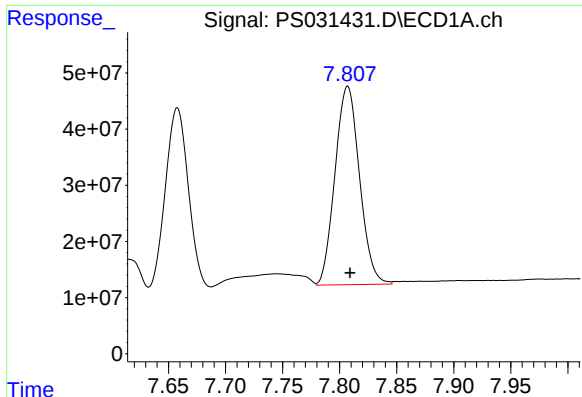
#6 MCPP

R.T.: 7.658 min
Delta R.T.: -0.003 min
Response: 430393623
Conc: 53.50 ug/ml



#6 MCPP

R.T.: 8.041 min
Delta R.T.: -0.004 min
Response: 90319496
Conc: 51.09 ug/ml



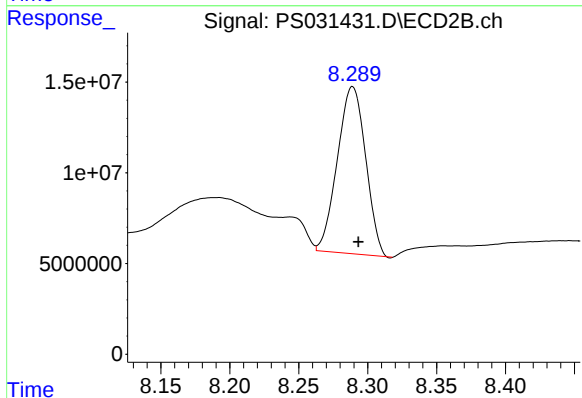
#7 MCPA

R.T.: 7.807 min
Delta R.T.: -0.002 min
Response: 528356677
Conc: 53.04 ug/ml

Instrument :
ECD_S
ClientSampleId :
PB169226BS

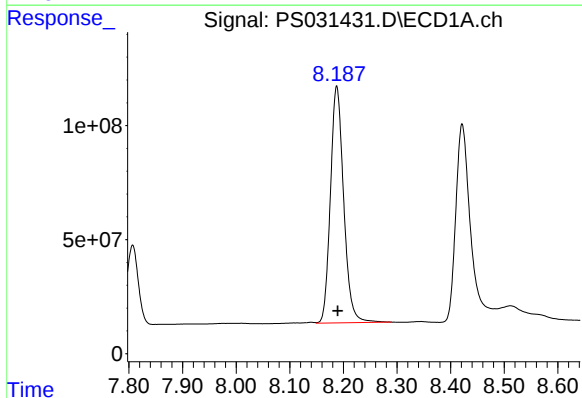
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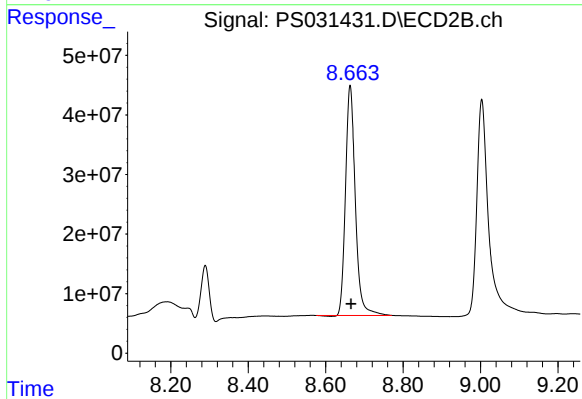
#7 MCPA

R.T.: 8.289 min
Delta R.T.: -0.004 min
Response: 131370530
Conc: 46.83 ug/ml



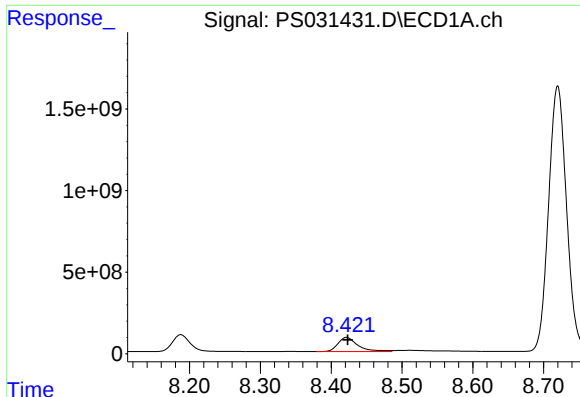
#8 DICHLORPROP

R.T.: 8.188 min
Delta R.T.: -0.002 min
Response: 1781798887
Conc: 561.65 ng/ml



#8 DICHLORPROP

R.T.: 8.663 min
Delta R.T.: -0.003 min
Response: 677779058
Conc: 507.69 ng/ml



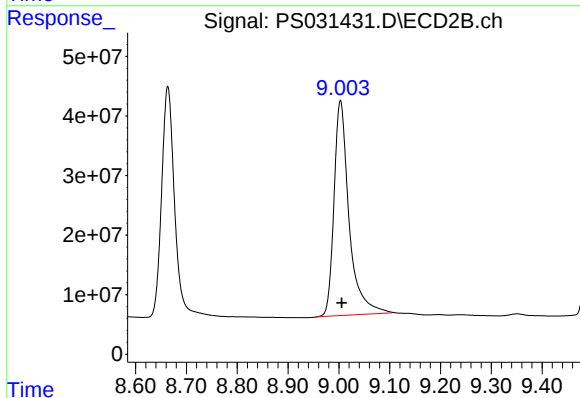
#9 2,4-D

R.T.: 8.421 min
Delta R.T.: -0.002 min
Response: 1680652514
Conc: 584.21 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB169226BS

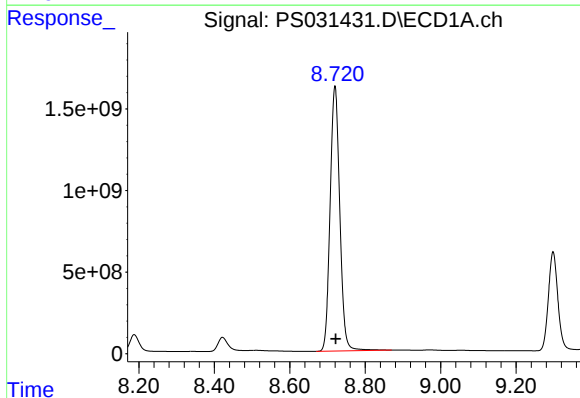
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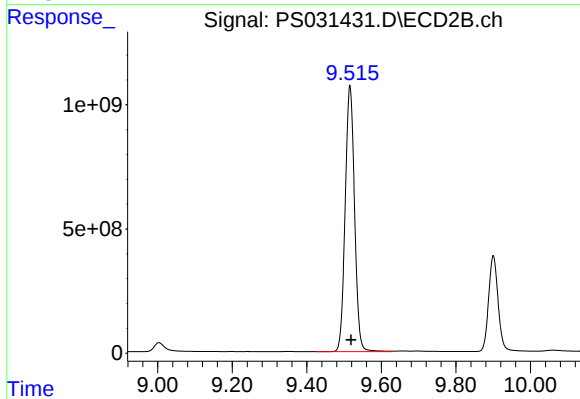
#9 2,4-D

R.T.: 9.003 min
Delta R.T.: -0.003 min
Response: 741400293
Conc: 519.45 ng/ml m



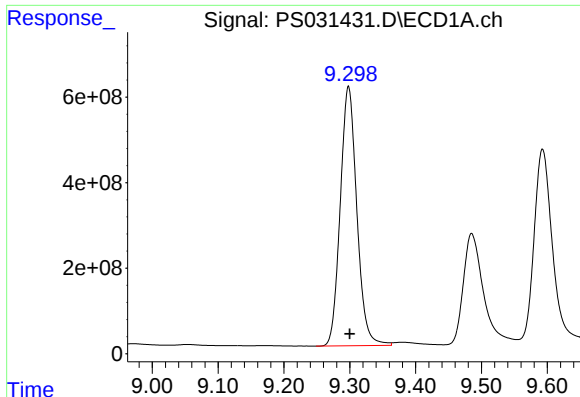
#10 Pentachlorophenol

R.T.: 8.720 min
Delta R.T.: -0.002 min
Response: 28869131653
Conc: 601.28 ng/ml



#10 Pentachlorophenol

R.T.: 9.516 min
Delta R.T.: -0.003 min
Response: 18639085193
Conc: 535.17 ng/ml



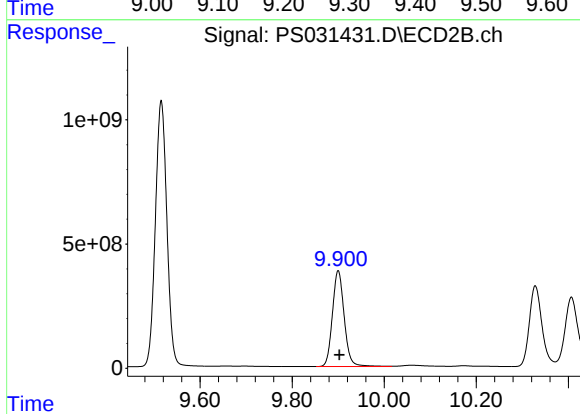
#11 2,4,5-TP (SILVEX)

R.T.: 9.298 min
Delta R.T.: -0.002 min
Response: 10614277736
Conc: 592.19 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB169226BS

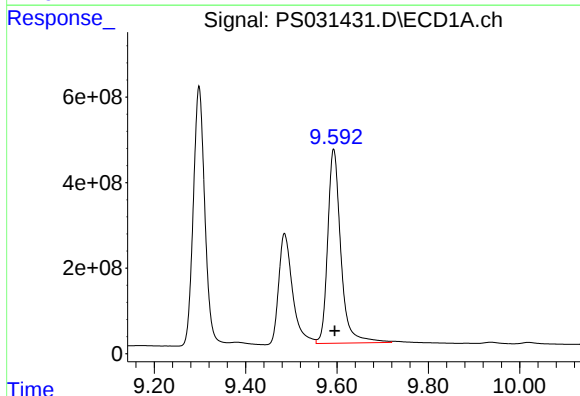
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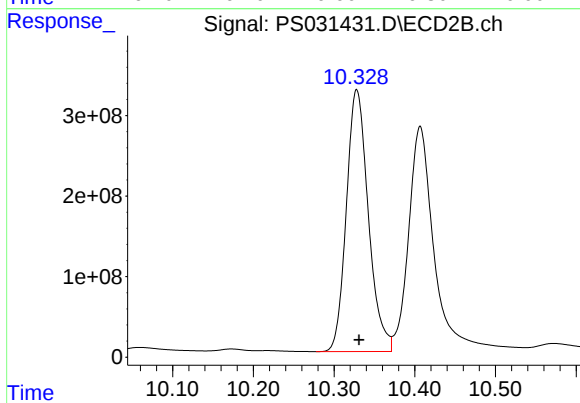
#11 2,4,5-TP (SILVEX)

R.T.: 9.900 min
Delta R.T.: -0.003 min
Response: 6878294821
Conc: 524.42 ng/ml



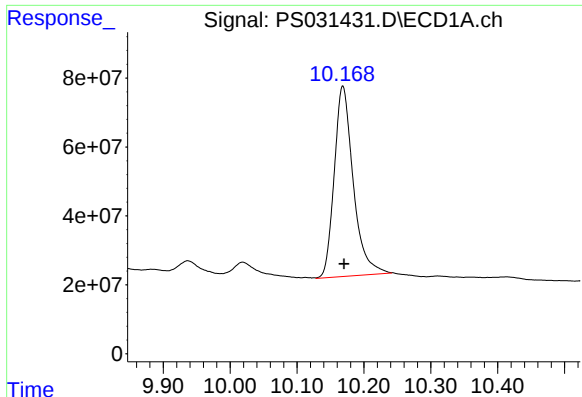
#12 2,4,5-T

R.T.: 9.593 min
Delta R.T.: -0.003 min
Response: 9060614995
Conc: 618.42 ng/ml



#12 2,4,5-T

R.T.: 10.328 min
Delta R.T.: -0.003 min
Response: 6156770569
Conc: 520.01 ng/ml



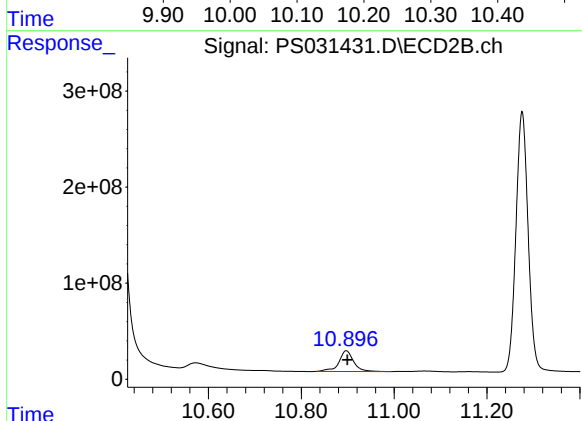
#13 2,4-DB

R.T.: 10.168 min
Delta R.T.: -0.002 min
Response: 1088632369
Conc: 566.49 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB169226BS

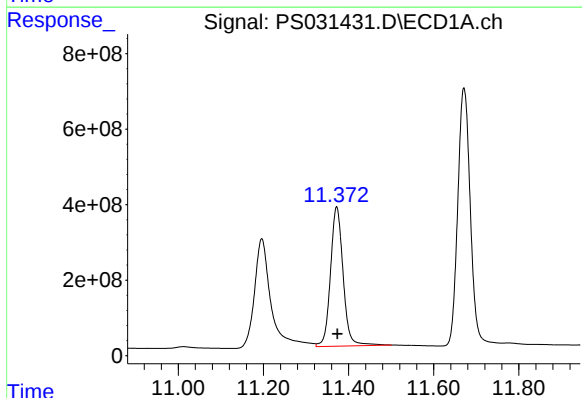
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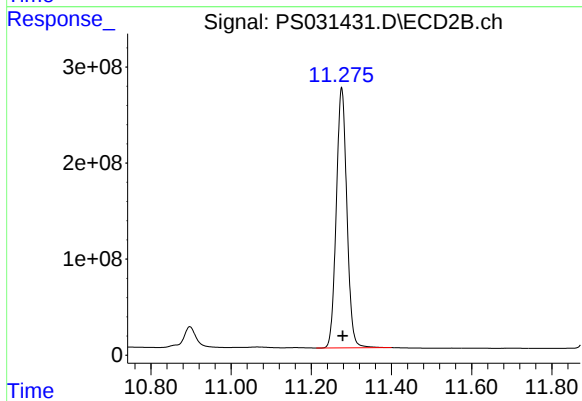
#13 2,4-DB

R.T.: 10.897 min
Delta R.T.: -0.002 min
Response: 477960793
Conc: 495.38 ng/ml



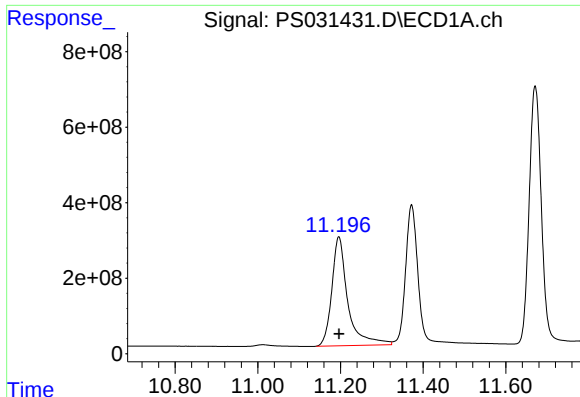
#14 DINOSEB

R.T.: 11.372 min
Delta R.T.: -0.001 min
Response: 7609918071
Conc: 600.22 ng/ml



#14 DINOSEB

R.T.: 11.276 min
Delta R.T.: -0.003 min
Response: 4964983372
Conc: 525.01 ng/ml



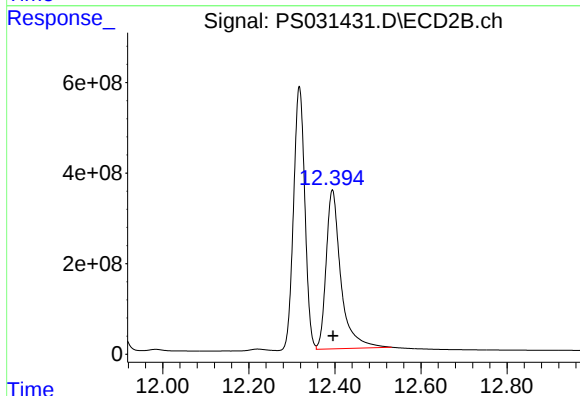
#15 Picloram

R.T.: 11.196 min
Delta R.T.: -0.001 min
Response: 7754020439
Conc: 593.99 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB169226BS

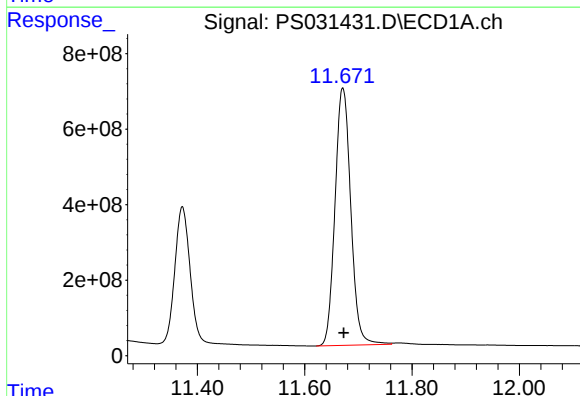
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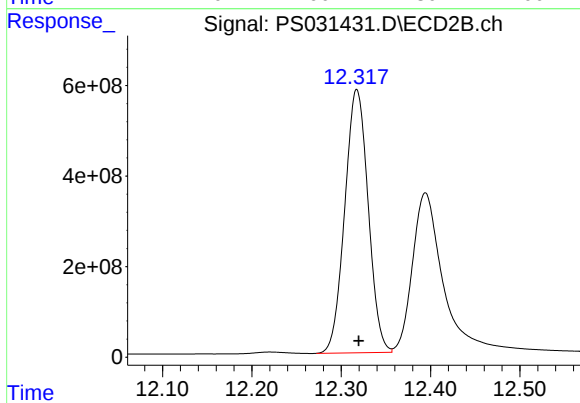
#15 Picloram

R.T.: 12.394 min
Delta R.T.: -0.001 min
Response: 8357513388
Conc: 476.76 ng/ml



#16 DCPA

R.T.: 11.671 min
Delta R.T.: -0.002 min
Response: 13892059453
Conc: 609.85 ng/ml



#16 DCPA

R.T.: 12.317 min
Delta R.T.: -0.002 min
Response: 10595110033
Conc: 537.81 ng/ml