

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS070225\
 Data File : PS030883.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Jul 2025 10:45
 Operator : AR\AJ
 Sample : PB168675BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PB168675BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 07/03/2025
 Supervised By : mohammad ahmed 07/04/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 03 01:40:43 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS061825.M
 Quant Title : 8080.M
 QLast Update : Thu Jun 19 05:11:26 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	7.339	7.769	1877.8E6	529.2E6	511.043m	493.694
Target Compounds							
1) T	Dalapon	2.707	2.713	2887.4E6	1258.4E6	484.004	458.969
2) T	3,5-DICHL...	6.501	6.715	2610.5E6	724.3E6	485.451	448.992
3) T	4-Nitroph...	7.140	7.302	739.2E6	741.3E6	468.826	427.627
5) T	DICAMBA	7.529	7.971	7365.4E6	3061.8E6	484.087	467.226
6) T	MCPD	7.709	8.068	453.1E6	102.0E6	48.260m	48.647
7) T	MCPA	7.859	8.317	543.9E6	151.9E6	46.365	48.287
8) T	DICHLORPROP	8.242	8.690	1763.8E6	726.0E6	470.873	461.708
9) T	2,4-D	8.475	9.026	1657.7E6	769.2E6	481.262	452.621
10) T	Pentachlo...	8.782	9.550	27055.3E6	18706.4E6	511.197	490.698
11) T	2,4,5-TP ...	9.361	9.931	10146.0E6	6935.9E6	506.529	480.700
12) T	2,4,5-T	9.655	10.357	8559.5E6	6578.7E6	520.236	481.438
13) T	2,4-DB	10.233	10.925	1237.9E6	557.3E6	539.725	471.115
14) T	DINOSEB	11.449	11.310	6861.4E6	4943.3E6	494.579m	458.506
15) T	Picloram	11.261	12.420	8135.2E6	10716.7E6	506.043m	461.104
16) T	DCPA	11.745	12.353	13748.0E6	10671.1E6	536.692	484.109m

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

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Operator : AR\AJ
Sample : PB168675BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

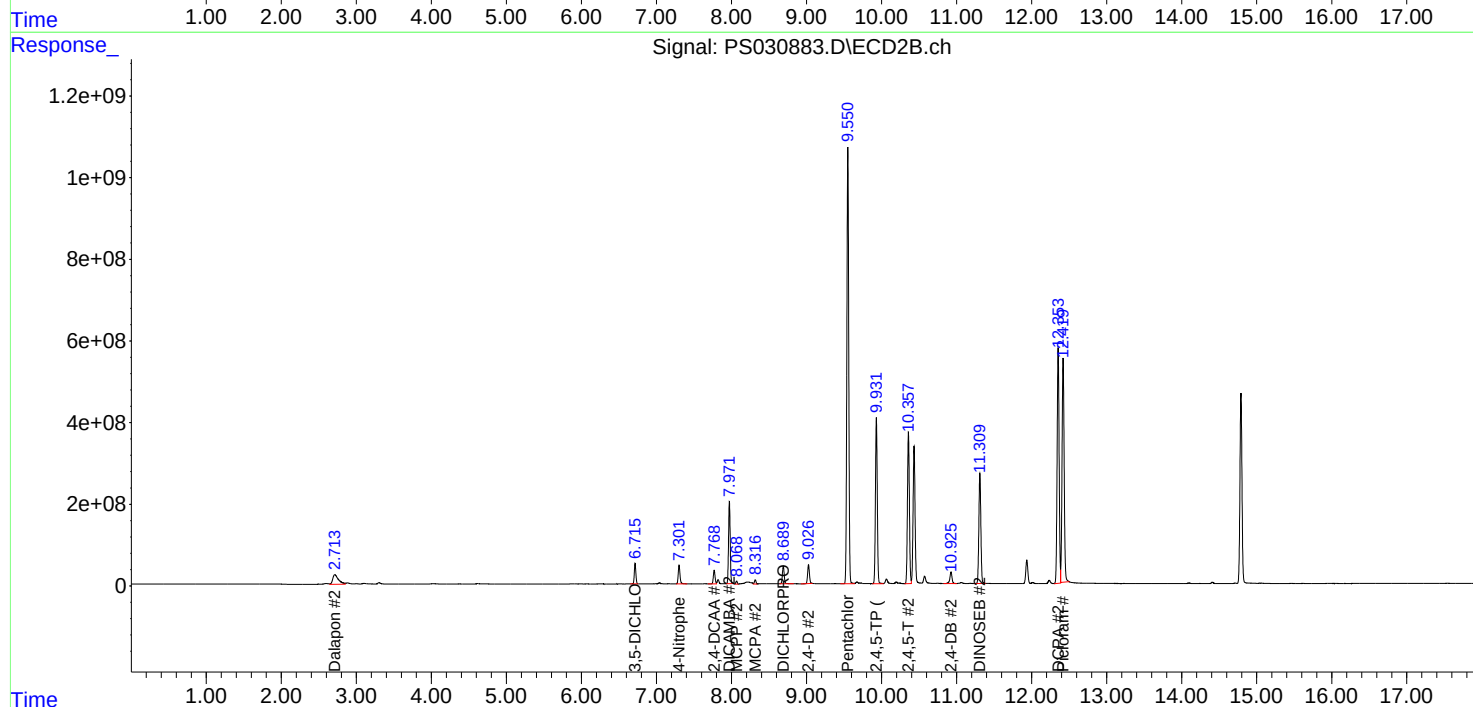
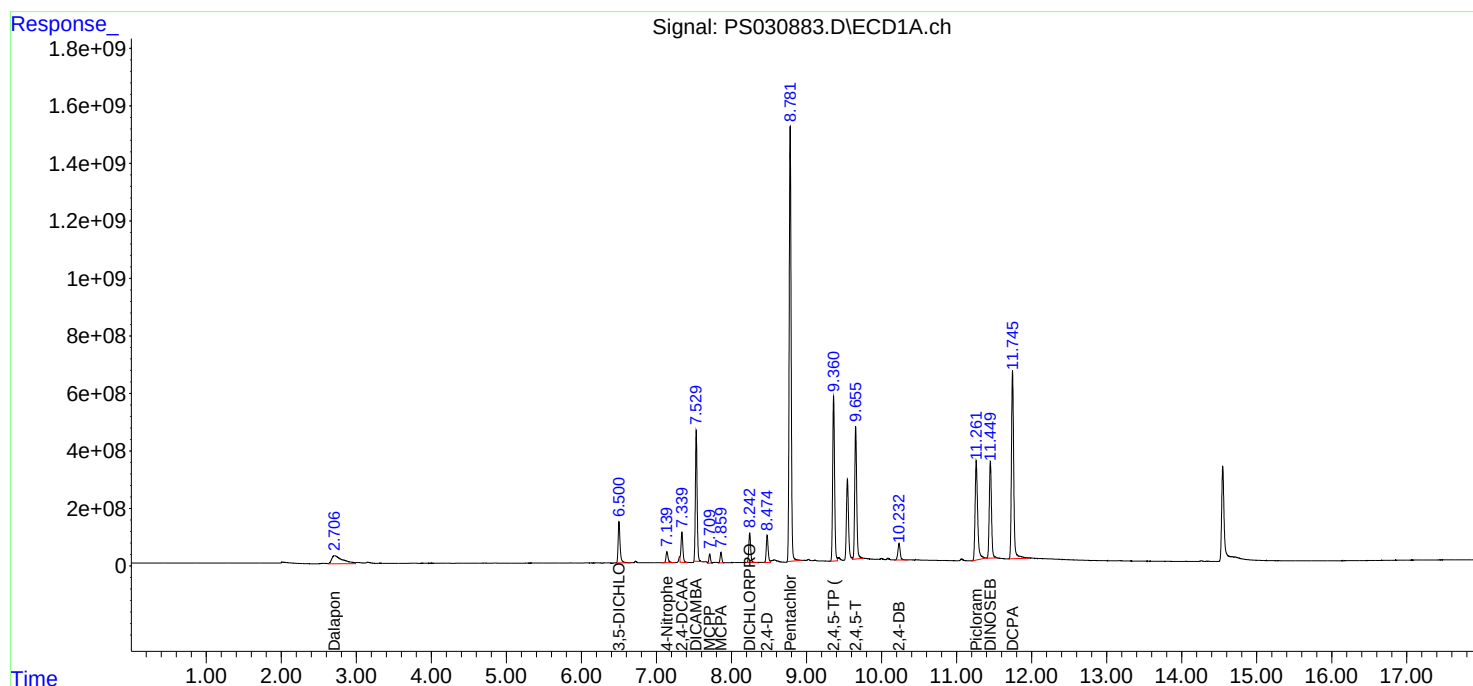
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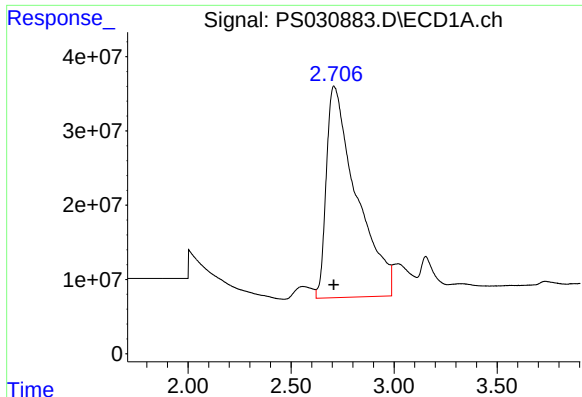
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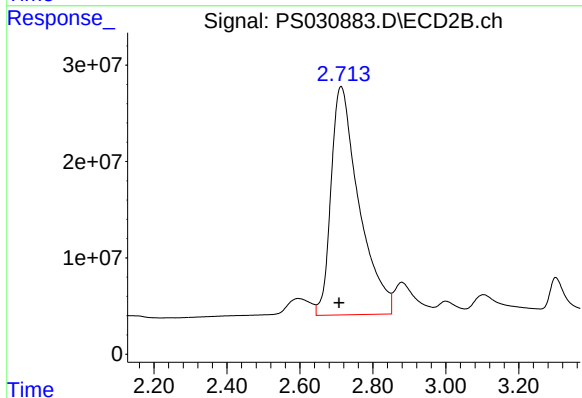
#1 Dalapon

R.T.: 2.707 min
Delta R.T.: -0.001 min
Response: 2887389336
Conc: 484.00 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168675BS

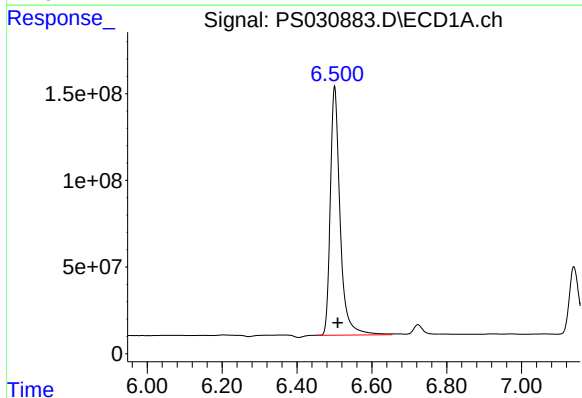
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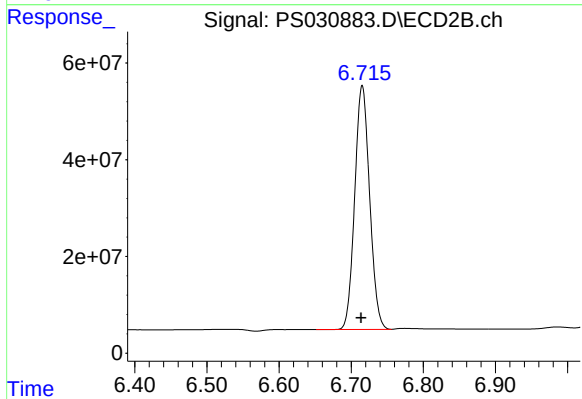
#1 Dalapon

R.T.: 2.713 min
Delta R.T.: 0.005 min
Response: 1258374965
Conc: 458.97 ng/ml



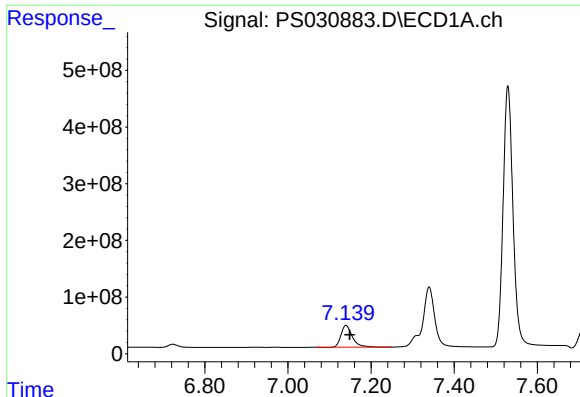
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.501 min
Delta R.T.: -0.008 min
Response: 2610535270
Conc: 485.45 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.715 min
Delta R.T.: 0.002 min
Response: 724291714
Conc: 448.99 ng/ml



#3 4-Nitrophenol

R.T.: 7.140 min
Delta R.T.: -0.009 min
Response: 739229972
Conc: 468.83 ng/ml

Instrument :

ECD_S

ClientSampleId :

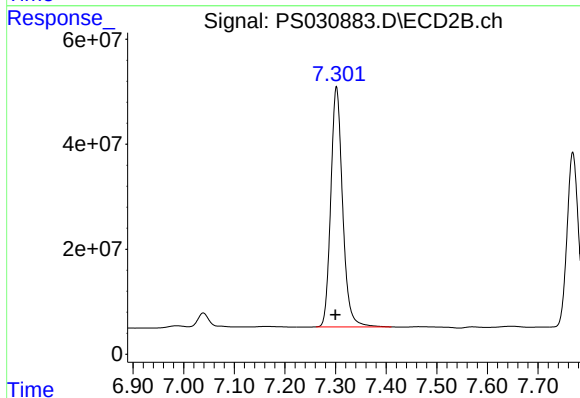
PB168675BS

Manual Integrations

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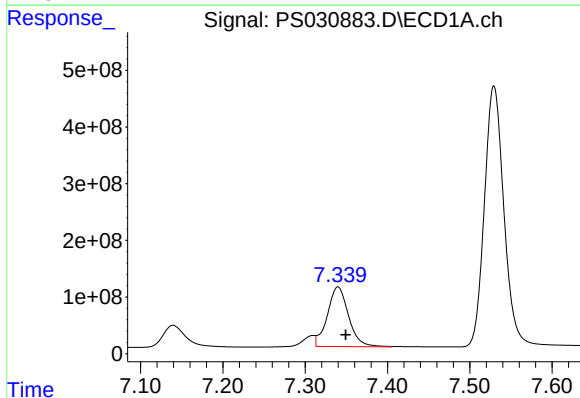
Reviewed By :Abdul Mirza 07/03/2025

Supervised By :mohammad ahmed 07/04/2025



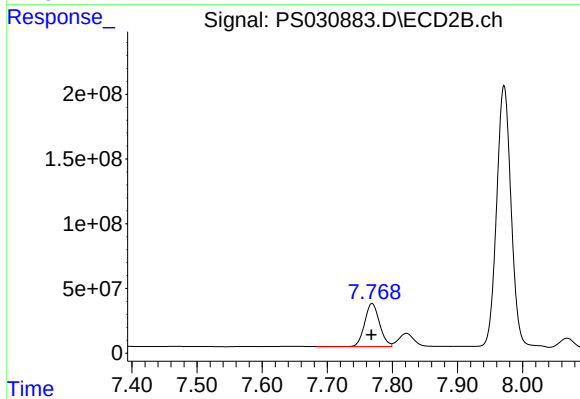
#3 4-Nitrophenol

R.T.: 7.302 min
Delta R.T.: 0.002 min
Response: 741305672
Conc: 427.63 ng/ml



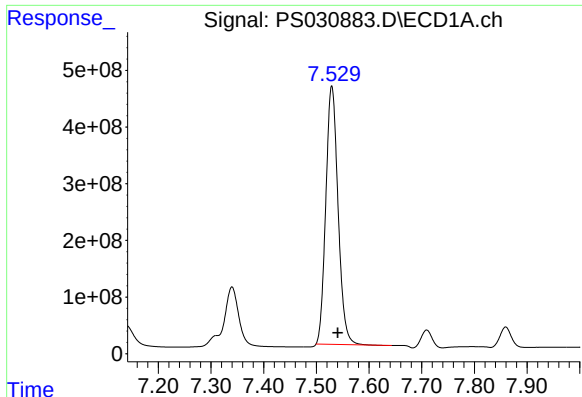
#4 2,4-DCAA

R.T.: 7.339 min
Delta R.T.: -0.010 min
Response: 1877775427
Conc: 511.04 ng/ml m



#4 2,4-DCAA

R.T.: 7.769 min
Delta R.T.: 0.000 min
Response: 529222259
Conc: 493.69 ng/ml



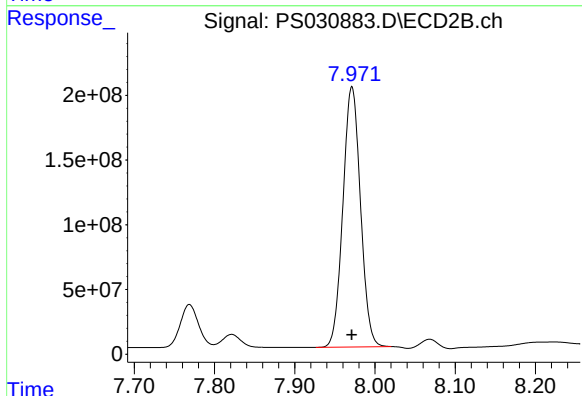
#5 DICAMBA

R.T.: 7.529 min
Delta R.T.: -0.011 min
Response: 7365432998
Conc: 484.09 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168675BS

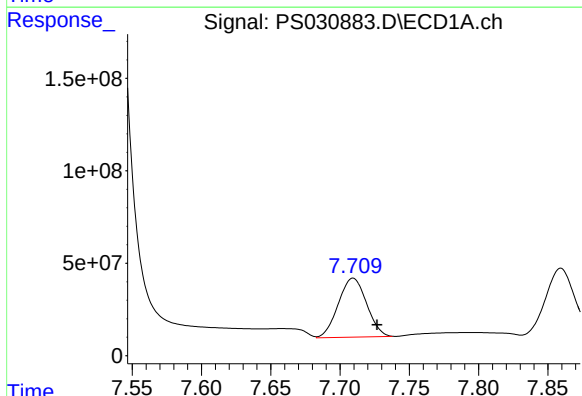
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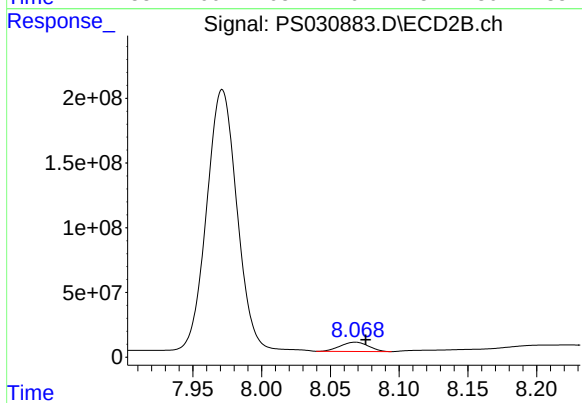
#5 DICAMBA

R.T.: 7.971 min
Delta R.T.: 0.000 min
Response: 3061830636
Conc: 467.23 ng/ml



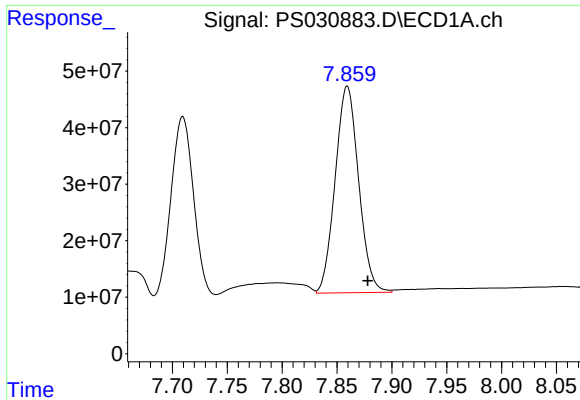
#6 MCP

R.T.: 7.709 min
Delta R.T.: -0.018 min
Response: 453083487
Conc: 48.26 ug/ml m



#6 MCP

R.T.: 8.068 min
Delta R.T.: -0.008 min
Response: 102028255
Conc: 48.65 ug/ml



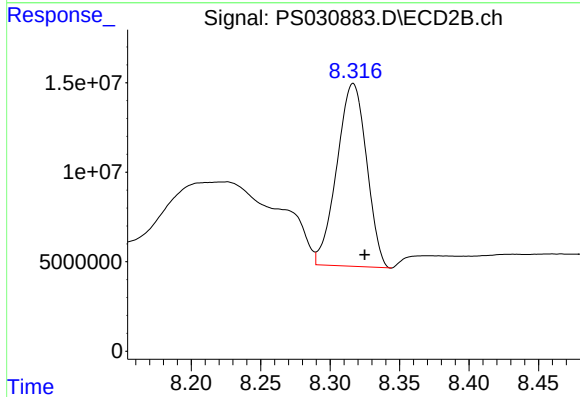
#7 MCPA

R.T.: 7.859 min
Delta R.T.: -0.019 min
Response: 543884105
Conc: 46.36 ug/ml

Instrument :
ECD_S
ClientSampleId :
PB168675BS

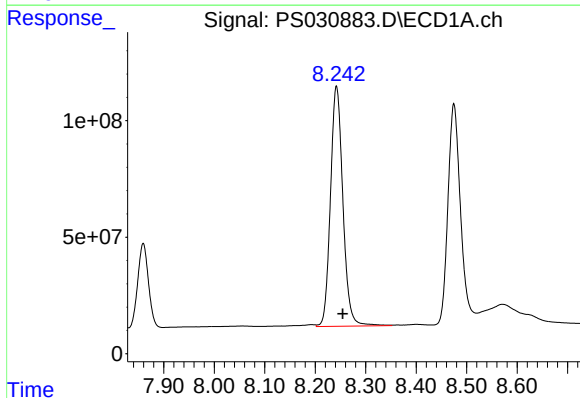
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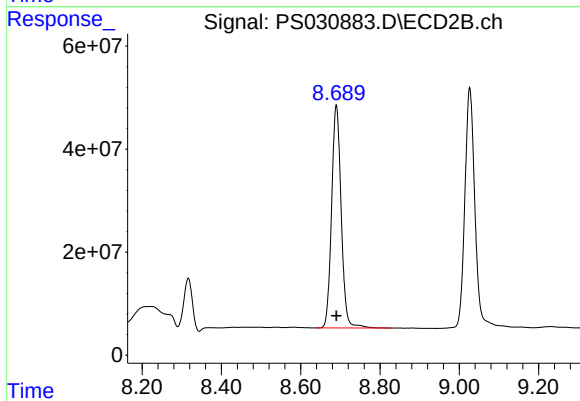
#7 MCPA

R.T.: 8.317 min
Delta R.T.: -0.008 min
Response: 151898524
Conc: 48.29 ug/ml



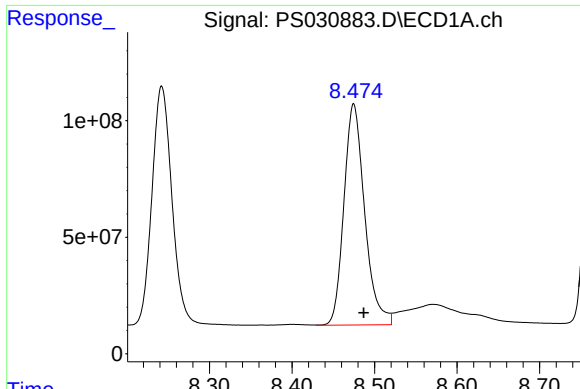
#8 DICHLORPROP

R.T.: 8.242 min
Delta R.T.: -0.012 min
Response: 1763779866
Conc: 470.87 ng/ml



#8 DICHLORPROP

R.T.: 8.690 min
Delta R.T.: 0.000 min
Response: 726033479
Conc: 461.71 ng/ml



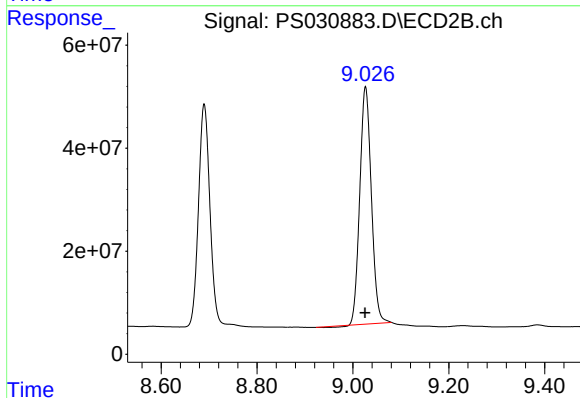
#9 2,4-D

R.T.: 8.475 min
Delta R.T.: -0.012 min
Response: 1657666208
Conc: 481.26 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168675BS

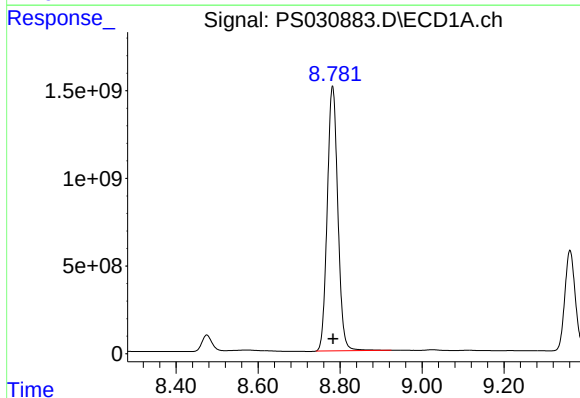
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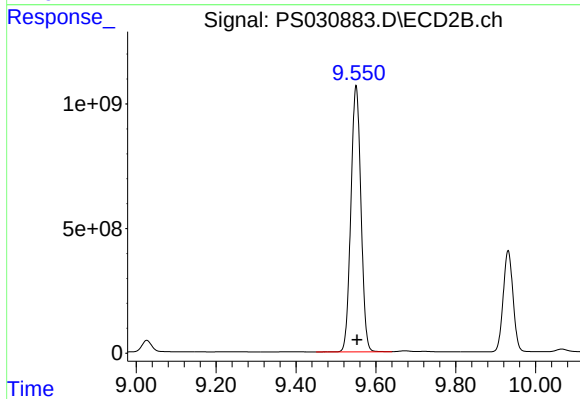
#9 2,4-D

R.T.: 9.026 min
Delta R.T.: 0.000 min
Response: 769186924
Conc: 452.62 ng/ml



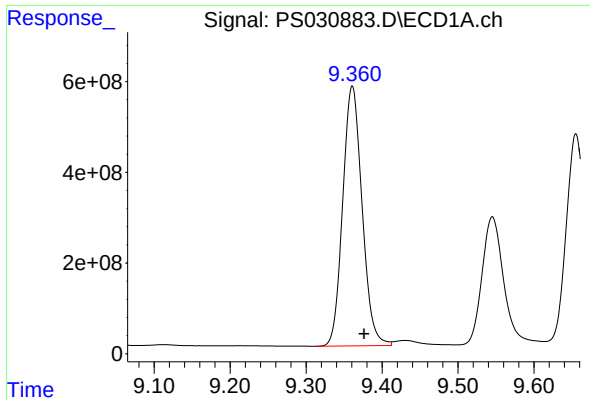
#10 Pentachlorophenol

R.T.: 8.782 min
Delta R.T.: -0.001 min
Response: 27055306161
Conc: 511.20 ng/ml



#10 Pentachlorophenol

R.T.: 9.550 min
Delta R.T.: -0.002 min
Response: 18706438243
Conc: 490.70 ng/ml



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

R.T.: 9.361 min
Delta R.T.: -0.016 min
Response: 10145972314
Conc: 506.53 ng/ml

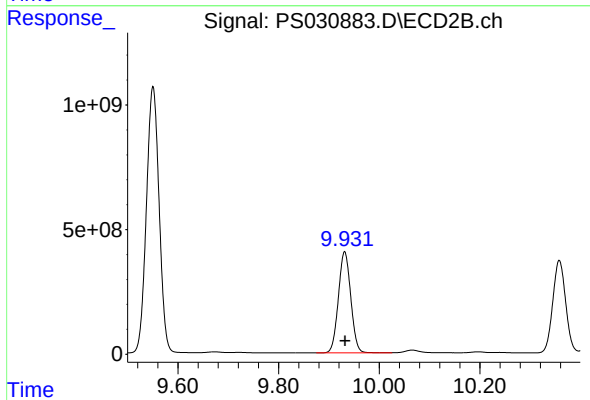
Instrument :

ECD_S

ClientSampleId :
PB168675BS

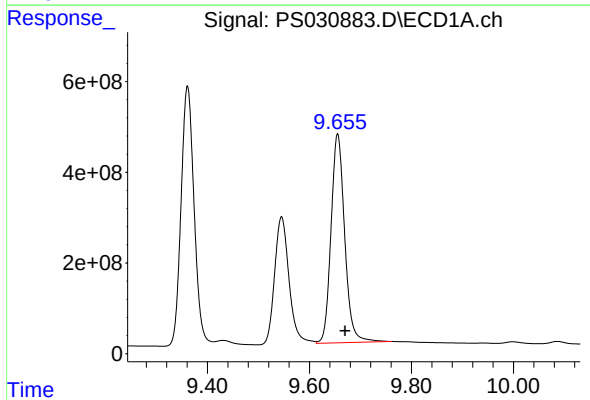
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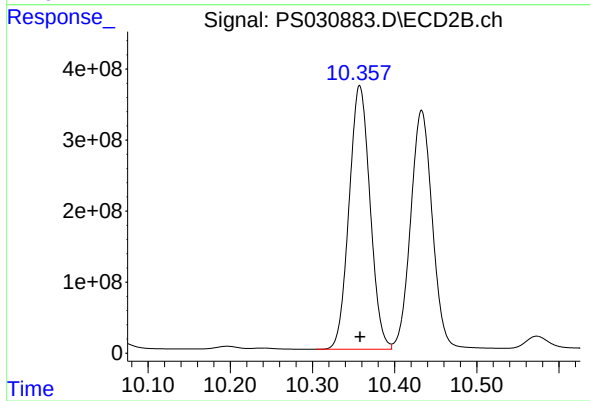
#11 2,4,5-TP (SILVEX)

R.T.: 9.931 min
Delta R.T.: 0.000 min
Response: 6935876976
Conc: 480.70 ng/ml



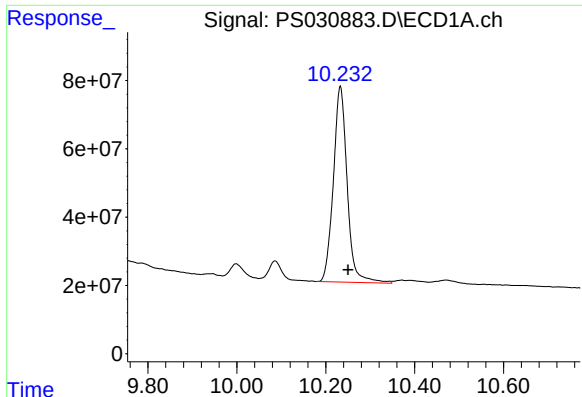
#12 2,4,5-T

R.T.: 9.655 min
Delta R.T.: -0.015 min
Response: 8559525203
Conc: 520.24 ng/ml



#12 2,4,5-T

R.T.: 10.357 min
Delta R.T.: 0.000 min
Response: 6578668207
Conc: 481.44 ng/ml



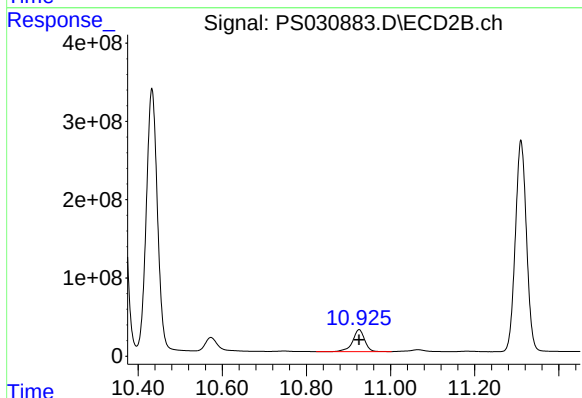
#13 2,4-DB

R.T.: 10.233 min
Delta R.T.: -0.017 min
Response: 1237860147
Conc: 539.72 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168675BS

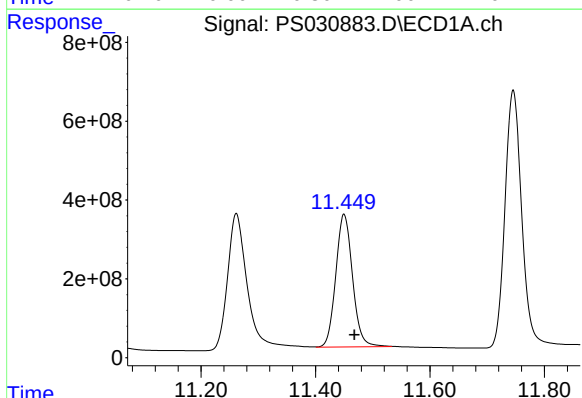
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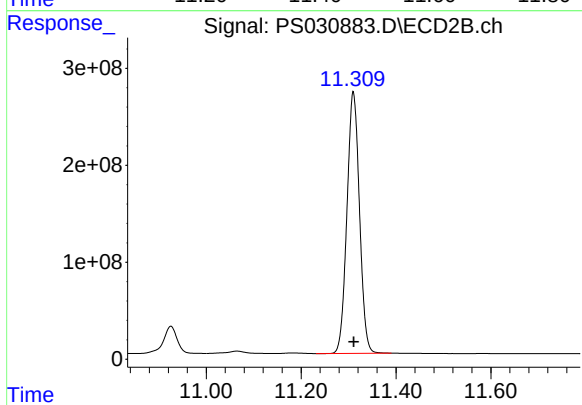
#13 2,4-DB

R.T.: 10.925 min
Delta R.T.: 0.000 min
Response: 557283739
Conc: 471.12 ng/ml



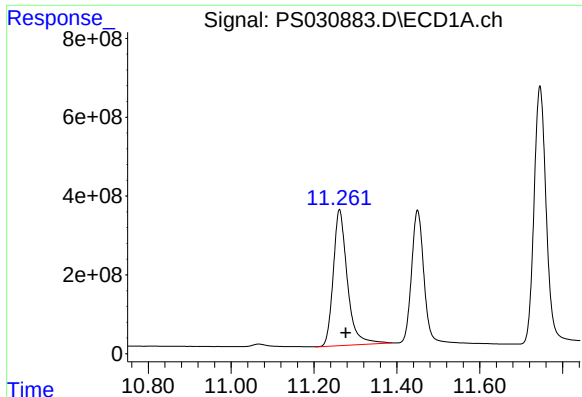
#14 DINOSEB

R.T.: 11.449 min
Delta R.T.: -0.019 min
Response: 6861379413
Conc: 494.58 ng/ml m



#14 DINOSEB

R.T.: 11.310 min
Delta R.T.: -0.001 min
Response: 4943263245
Conc: 458.51 ng/ml



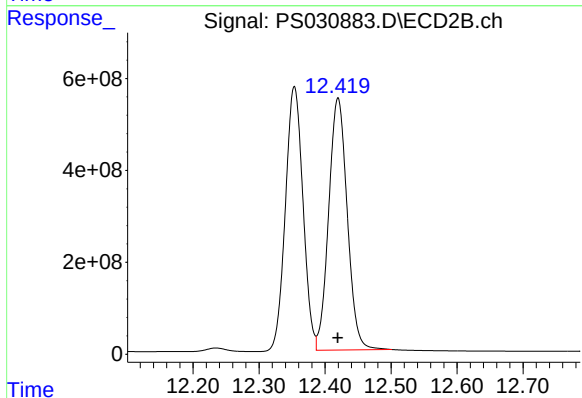
#15 Picloram

R.T.: 11.261 min
Delta R.T.: -0.015 min
Response: 8135201145
Conc: 506.04 ng/ml

Instrument :
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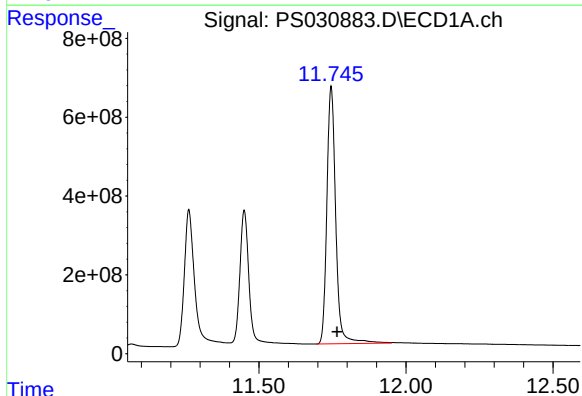
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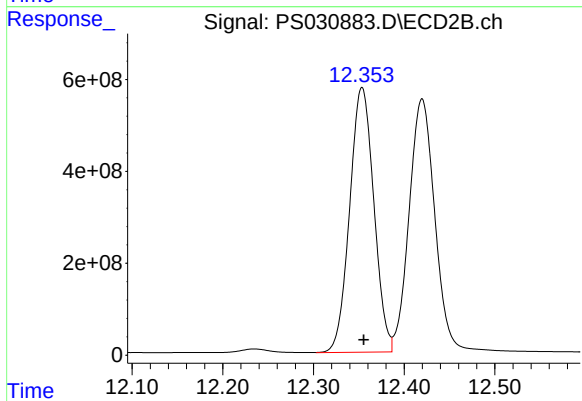
#15 Picloram

R.T.: 12.420 min
Delta R.T.: 0.000 min
Response: 10716716644
Conc: 461.10 ng/ml



#16 DCPA

R.T.: 11.745 min
Delta R.T.: -0.020 min
Response: 13748040338
Conc: 536.69 ng/ml



#16 DCPA

R.T.: 12.353 min
Delta R.T.: -0.002 min
Response: 10671119389
Conc: 484.11 ng/ml m