

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS062725\
 Data File : PS030831.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Jun 2025 14:15
 Operator : AR\AJ
 Sample : PB168638BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PB168638BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 06/30/2025
 Supervised By :mohammad ahmed 07/01/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 27 23:20:36 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	7.341	7.767	1897.3E6	538.0E6	516.352m	501.923
Target Compounds							
1) T	Dalapon	2.706	2.712	2867.1E6	1246.3E6	480.604	454.551
2) T	3,5-DICHL...	6.501	6.714	2564.0E6	747.2E6	476.795	463.201
3) T	4-Nitroph...	7.141	7.300	736.5E6	776.5E6	467.111	447.941
5) T	DICAMBA	7.531	7.970	7381.4E6	3099.3E6	485.133	472.939
6) T	MCPD	7.711	8.067	452.1E6	105.0E6	48.152m	50.074
7) T	MCPA	7.861	8.315	547.6E6	148.9E6	46.684	47.346
8) T	DICHLORPROP	8.244	8.689	1744.3E6	731.6E6	465.681	465.253
9) T	2,4-D	8.477	9.024	1626.6E6	780.3E6	472.254	459.160
10) T	Pentachlo...	8.783	9.549	26854.2E6	18916.1E6	507.396	496.197
11) T	2,4,5-TP ...	9.364	9.930	9945.9E6	6997.0E6	496.540	484.938
12) T	2,4,5-T	9.658	10.356	8311.1E6	6655.3E6	505.138	487.048
13) T	2,4-DB	10.234	10.923	1184.2E6	564.6E6	516.347m	477.284
14) T	DINOSEB	11.453	11.308	6749.5E6	5058.7E6	486.511m	469.212
15) T	Picloram	11.264	12.418	7968.2E6	10977.0E6	495.657m	472.305
16) T	DCPA	11.748	12.351	13148.1E6	11036.6E6	513.273	500.690m

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

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Operator : AR\AJ
Sample : PB168638BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

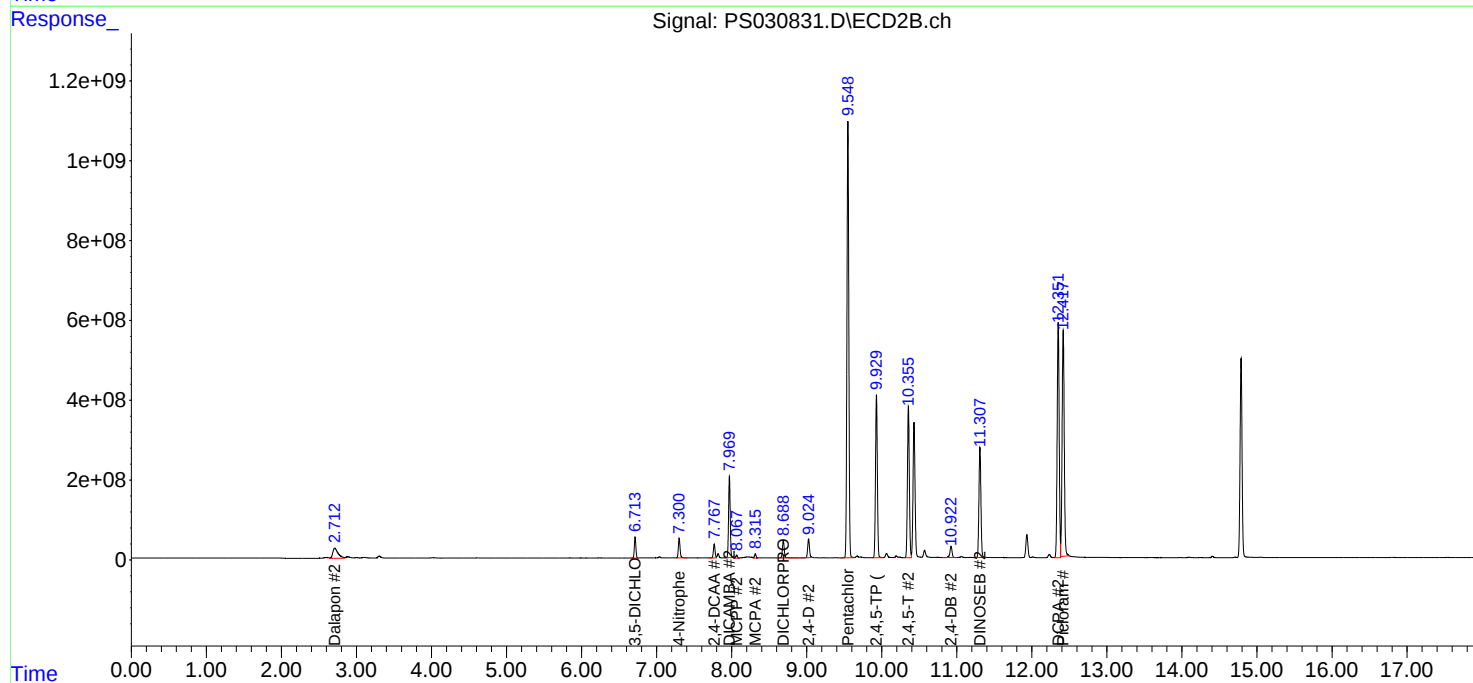
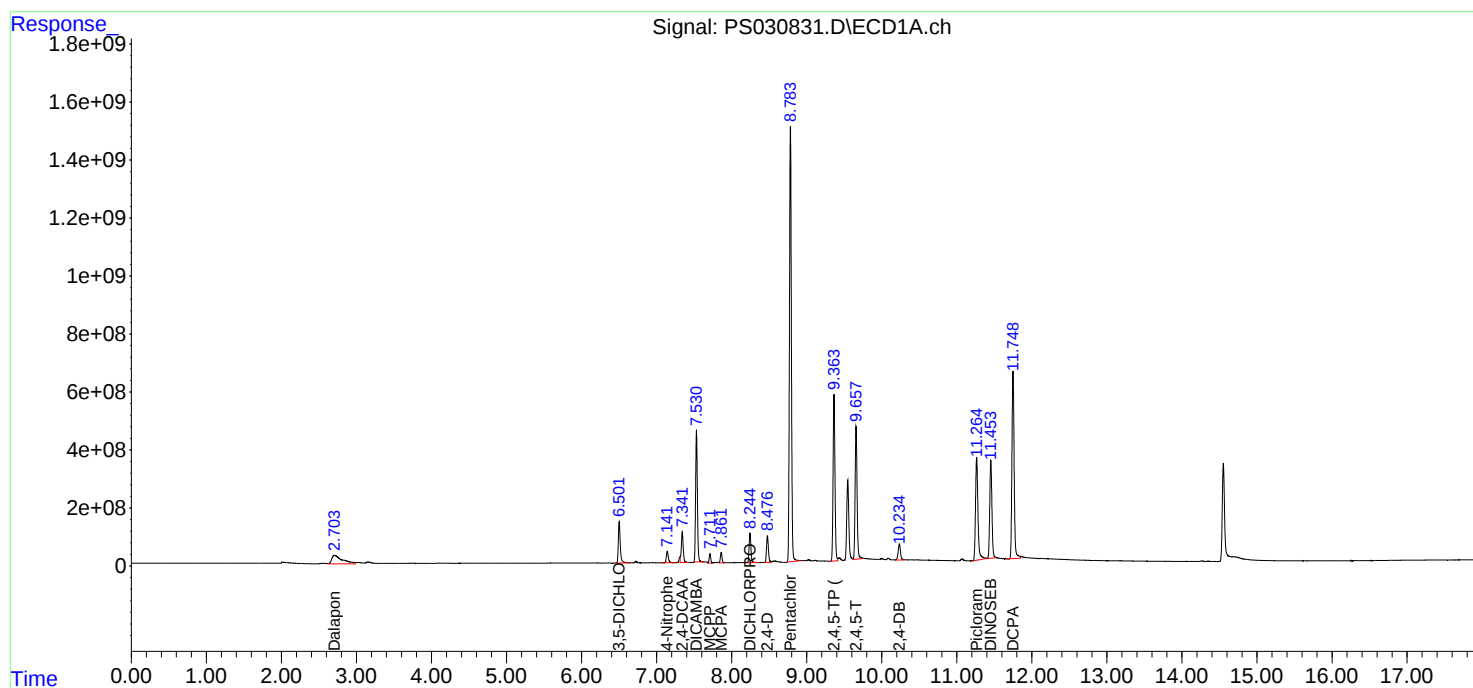
Instrument :
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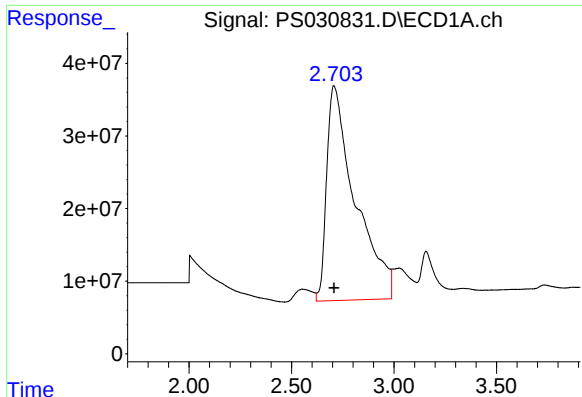
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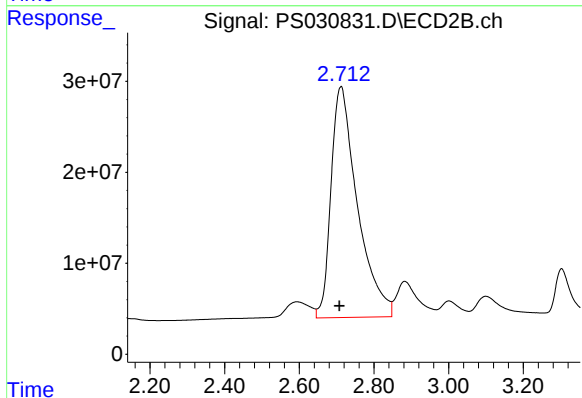
#1 Dalapon

R.T.: 2.706 min
Delta R.T.: -0.002 min
Response: 2867108489
Conc: 480.60 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168638BS

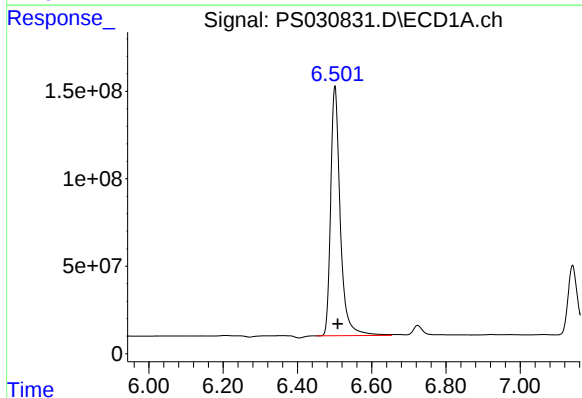
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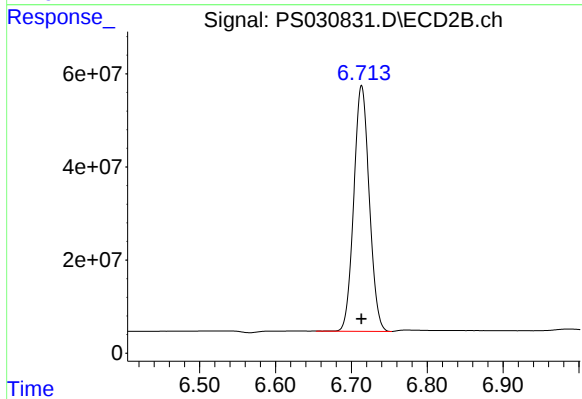
#1 Dalapon

R.T.: 2.712 min
Delta R.T.: 0.005 min
Response: 1246262674
Conc: 454.55 ng/ml



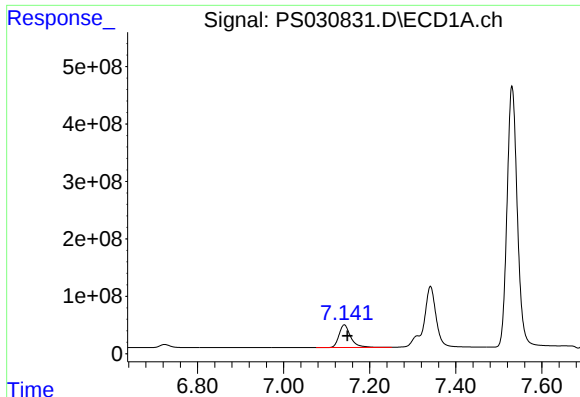
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.501 min
Delta R.T.: -0.008 min
Response: 2563989313
Conc: 476.79 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.714 min
Delta R.T.: 0.000 min
Response: 747213197
Conc: 463.20 ng/ml



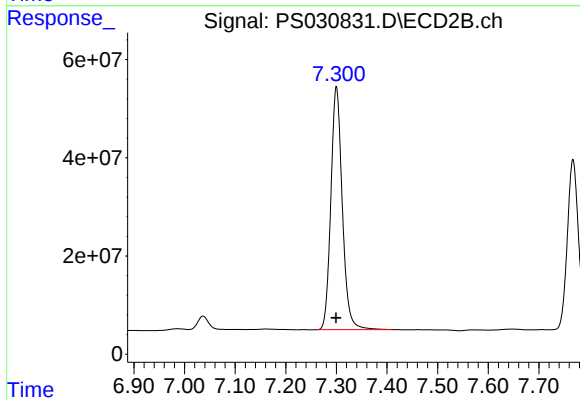
#3 4-Nitrophenol

R.T.: 7.141 min
Delta R.T.: -0.008 min
Response: 736525516
Conc: 467.11 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168638BS

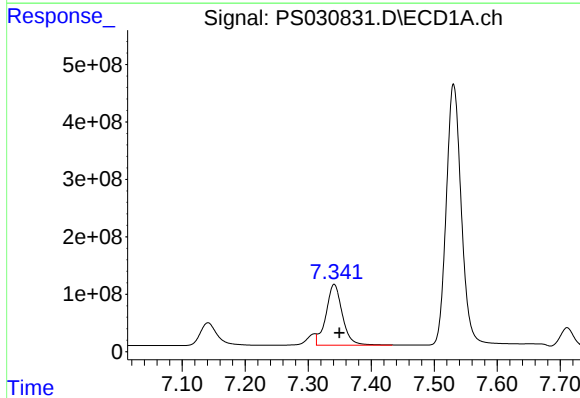
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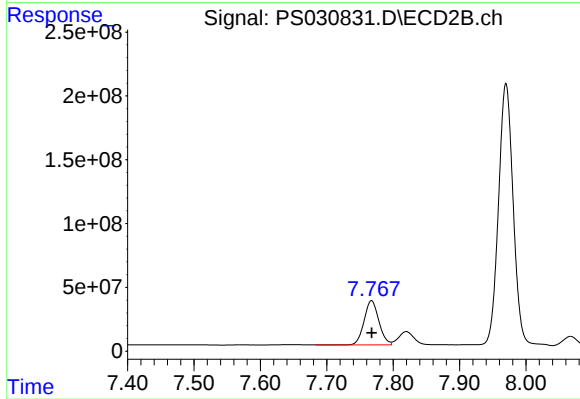
#3 4-Nitrophenol

R.T.: 7.300 min
Delta R.T.: 0.000 min
Response: 776521241
Conc: 447.94 ng/ml



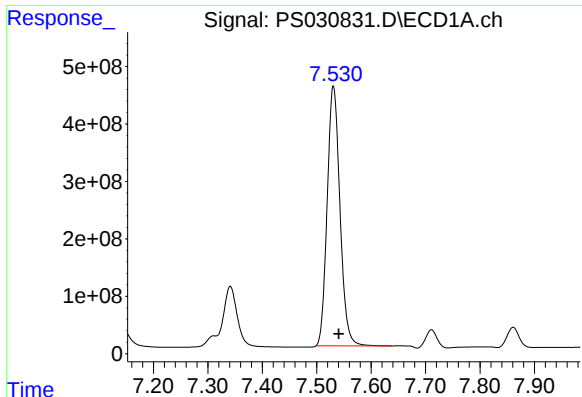
#4 2,4-DCAA

R.T.: 7.341 min
Delta R.T.: -0.009 min
Response: 1897280628
Conc: 516.35 ng/ml m



#4 2,4-DCAA

R.T.: 7.767 min
Delta R.T.: 0.000 min
Response: 538043119
Conc: 501.92 ng/ml



#5 DICAMBA

R.T.: 7.531 min
Delta R.T.: -0.010 min
Response: 7381351393
Conc: 485.13 ng/ml

Instrument :

ECD_S

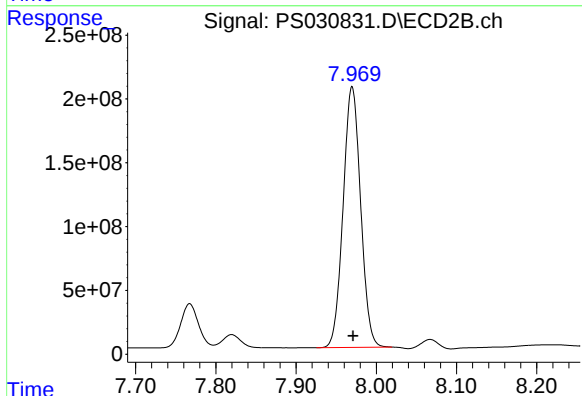
ClientSampleId :

PB168638BS

Manual Integrations

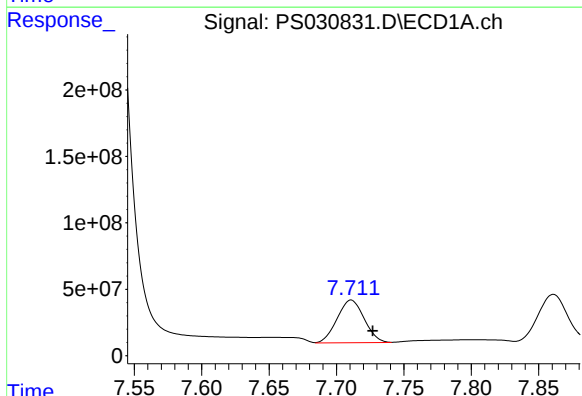
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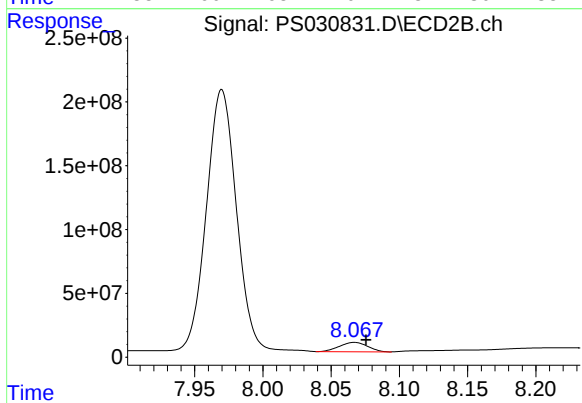
#5 DICAMBA

R.T.: 7.970 min
Delta R.T.: -0.001 min
Response: 3099270658
Conc: 472.94 ng/ml



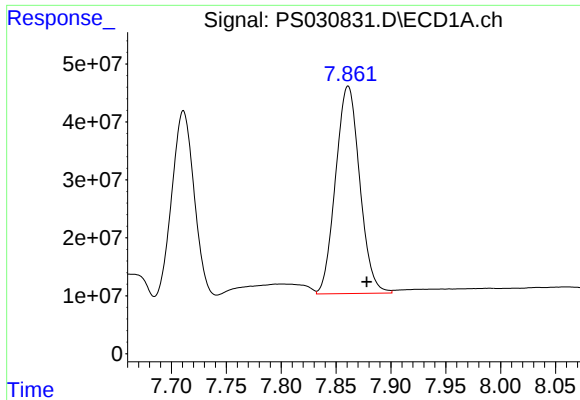
#6 MCP

R.T.: 7.711 min
Delta R.T.: -0.016 min
Response: 452071804
Conc: 48.15 ug/ml m



#6 MCP

R.T.: 8.067 min
Delta R.T.: -0.009 min
Response: 105020668
Conc: 50.07 ug/ml



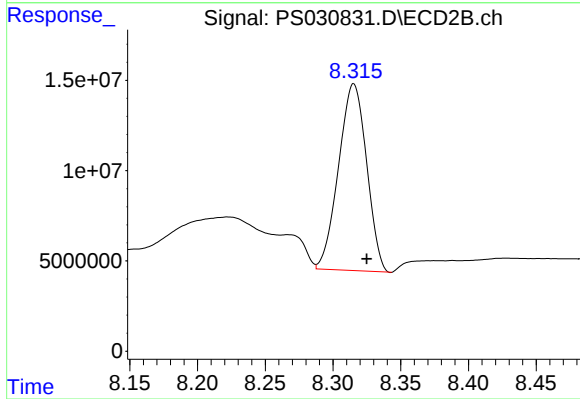
#7 MCPA

R.T.: 7.861 min
Delta R.T.: -0.017 min
Response: 547630445
Conc: 46.68 ug/ml

Instrument :
ECD_S
ClientSampleId :
PB168638BS

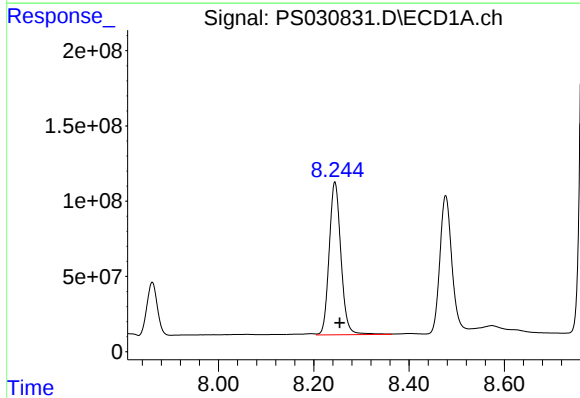
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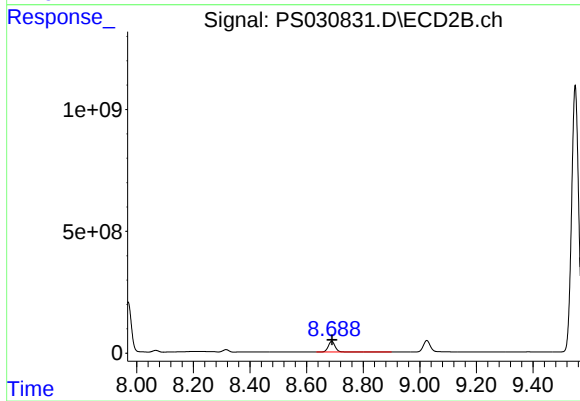
#7 MCPA

R.T.: 8.315 min
Delta R.T.: -0.010 min
Response: 148937868
Conc: 47.35 ug/ml



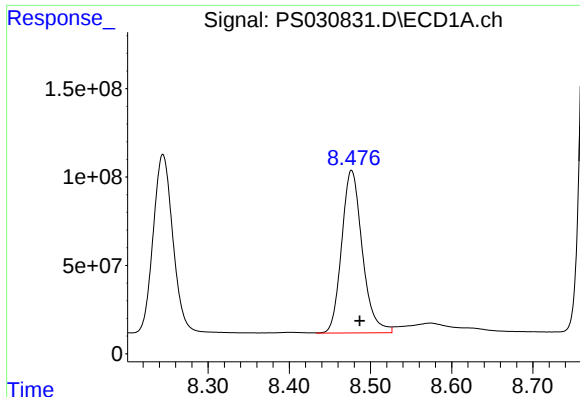
#8 DICHLORPROP

R.T.: 8.244 min
Delta R.T.: -0.010 min
Response: 1744330294
Conc: 465.68 ng/ml



#8 DICHLORPROP

R.T.: 8.689 min
Delta R.T.: -0.001 min
Response: 731608966
Conc: 465.25 ng/ml



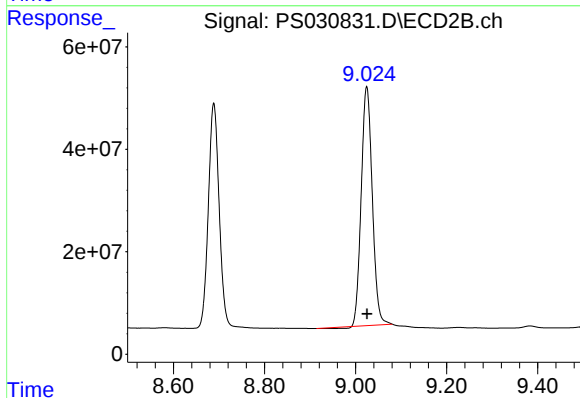
#9 2,4-D

R.T.: 8.477 min
Delta R.T.: -0.010 min
Response: 1626638547
Conc: 472.25 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168638BS

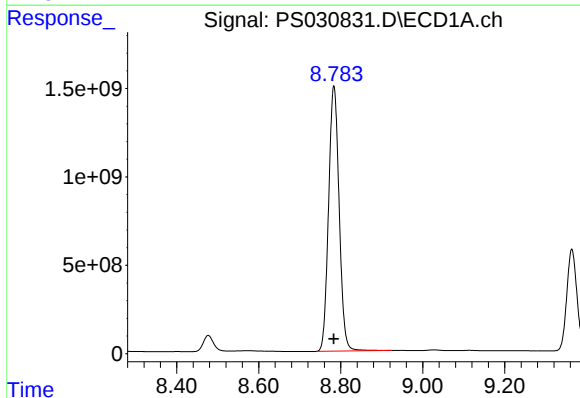
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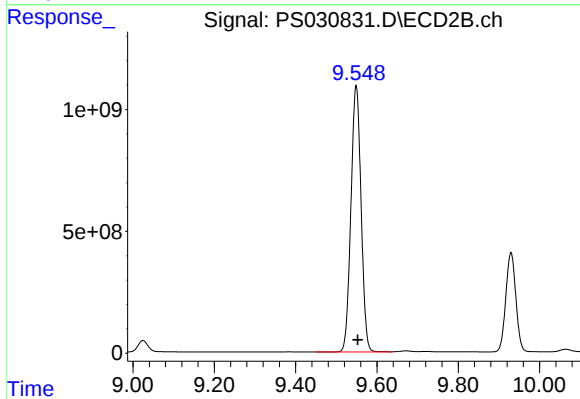
#9 2,4-D

R.T.: 9.024 min
Delta R.T.: -0.001 min
Response: 780299155
Conc: 459.16 ng/ml



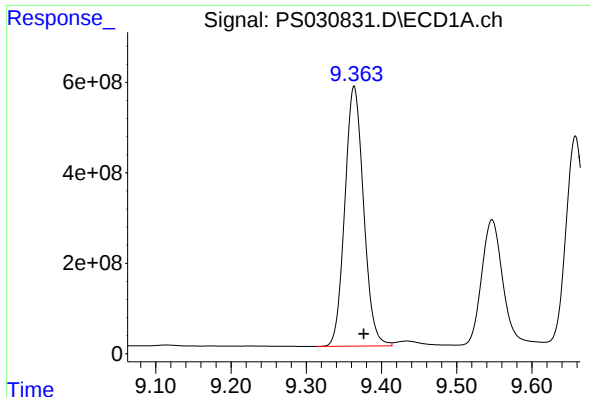
#10 Pentachlorophenol

R.T.: 8.783 min
Delta R.T.: 0.000 min
Response: 26854169498
Conc: 507.40 ng/ml



#10 Pentachlorophenol

R.T.: 9.549 min
Delta R.T.: -0.004 min
Response: 18916061786
Conc: 496.20 ng/ml



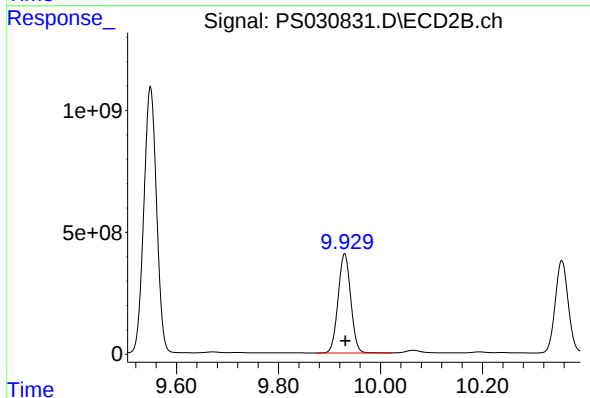
#11 2,4,5-TP (SILVEX)

R.T.: 9.364 min
Delta R.T.: -0.013 min
Response: 9945889140
Conc: 496.54 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168638BS

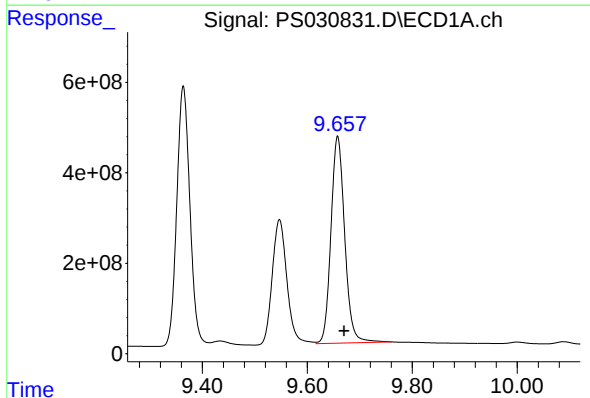
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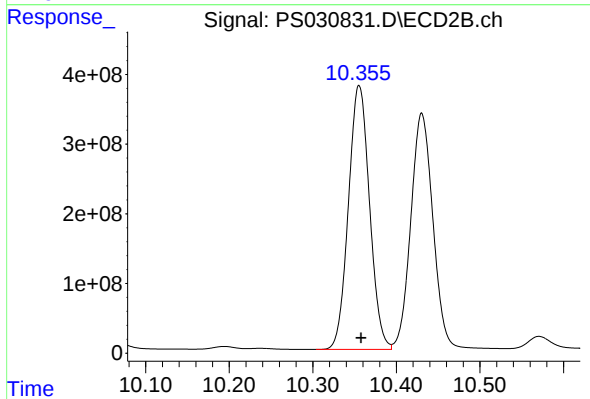
#11 2,4,5-TP (SILVEX)

R.T.: 9.930 min
Delta R.T.: -0.002 min
Response: 6997028885
Conc: 484.94 ng/ml



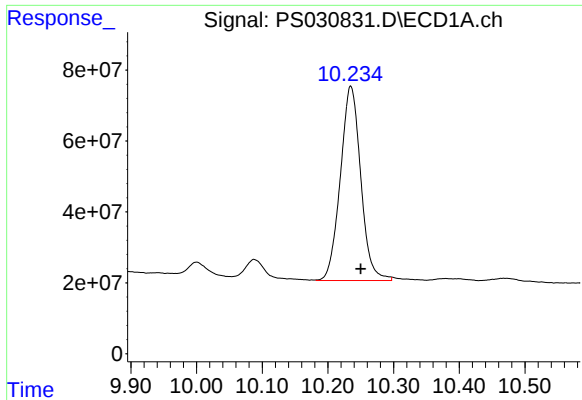
#12 2,4,5-T

R.T.: 9.658 min
Delta R.T.: -0.012 min
Response: 8311119052
Conc: 505.14 ng/ml



#12 2,4,5-T

R.T.: 10.356 min
Delta R.T.: -0.002 min
Response: 6655329912
Conc: 487.05 ng/ml



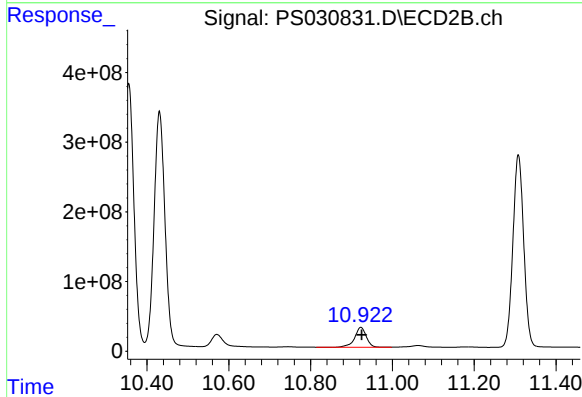
#13 2,4-DB

R.T.: 10.234 min
Delta R.T.: -0.016 min
Response: 1184242148
Conc: 516.35 ng/ml

Instrument :
ECD_S
ClientSampleId :
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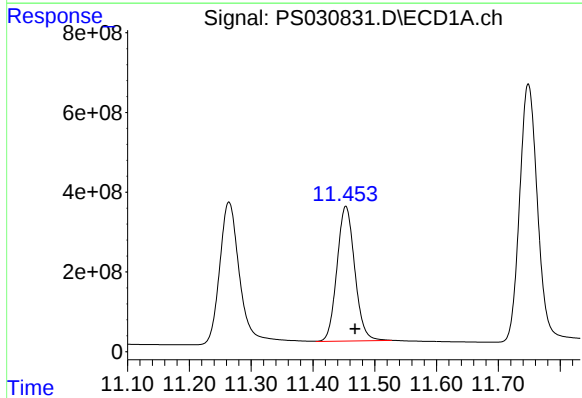
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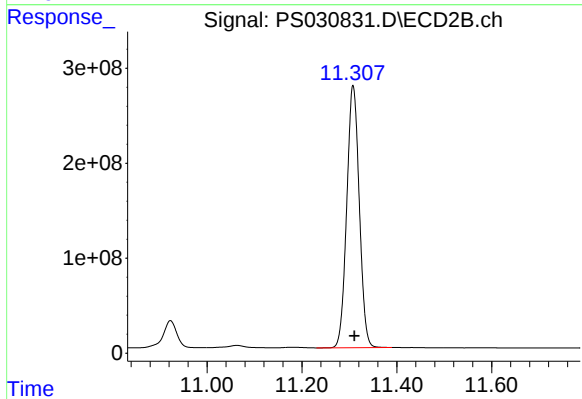
#13 2,4-DB

R.T.: 10.923 min
Delta R.T.: -0.002 min
Response: 564581057
Conc: 477.28 ng/ml



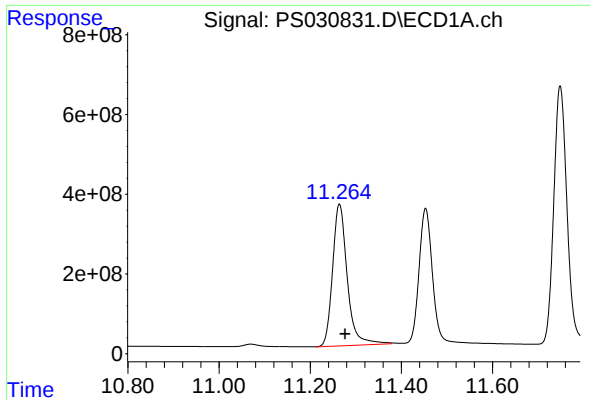
#14 DINOSEB

R.T.: 11.453 min
Delta R.T.: -0.016 min
Response: 6749455144
Conc: 486.51 ng/ml m



#14 DINOSEB

R.T.: 11.308 min
Delta R.T.: -0.003 min
Response: 5058691824
Conc: 469.21 ng/ml



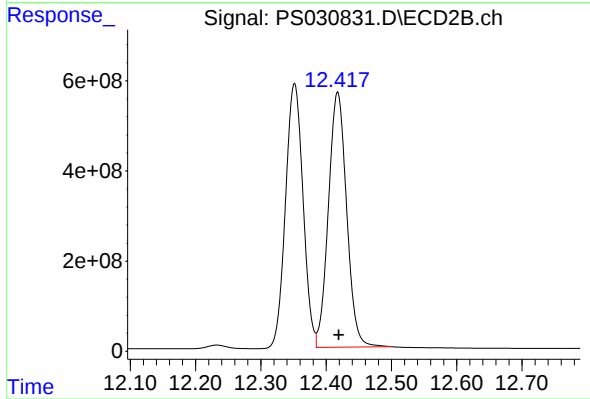
#15 Picloram

R.T.: 11.264 min
Delta R.T.: -0.013 min
Response: 7968230365
Conc: 495.66 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168638BS

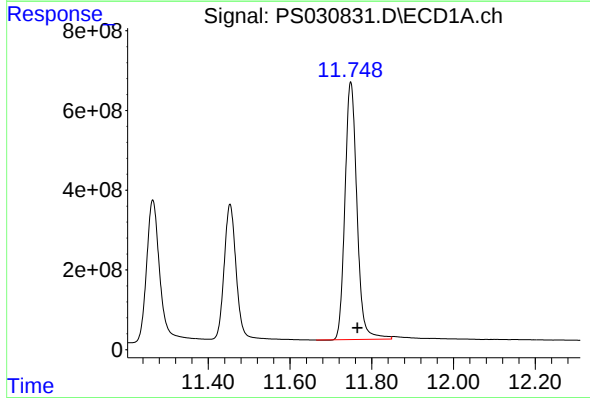
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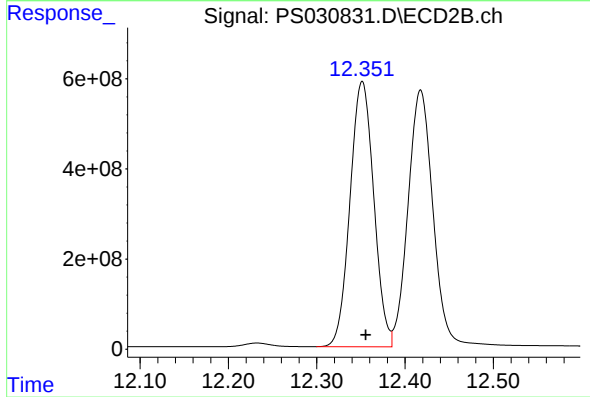
#15 Picloram

R.T.: 12.418 min
Delta R.T.: -0.002 min
Response: 10977046207
Conc: 472.31 ng/ml



#16 DCPA

R.T.: 11.748 min
Delta R.T.: -0.017 min
Response: 13148134434
Conc: 513.27 ng/ml



#16 DCPA

R.T.: 12.351 min
Delta R.T.: -0.004 min
Response: 11036596461
Conc: 500.69 ng/ml m