

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS062425\
 Data File : PS030815.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Jun 2025 16:41
 Operator : AR\AJ
 Sample : PB168597BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PB168597BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/25/2025
 Supervised By : mohammad ahmed 06/26/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 25 01:54:36 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 x 0.5 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	7.344	7.768	1923.8E6	548.0E6	523.576m	511.236
Target Compounds							
1) T	Dalapon	2.712	2.712	2830.9E6	1228.7E6	474.543	448.163
2) T	3,5-DICHL...	6.504	6.714	2641.4E6	776.2E6	491.191	481.156
3) T	4-Nitroph...	7.144	7.301	761.3E6	817.7E6	482.826	471.711
5) T	DICAMBA	7.534	7.970	7605.7E6	3184.9E6	499.881	486.001
6) T	MCP	7.714	8.068	495.9E6	107.2E6	52.824m	51.122
7) T	MCPA	7.865	8.316	556.5E6	151.6E6	47.444	48.189
8) T	DICHLORPROP	8.248	8.689	1781.2E6	750.7E6	475.521	477.395
9) T	2,4-D	8.480	9.024	1677.4E6	830.9E6	486.995	488.955m
10) T	Pentachlo...	8.788	9.549	27181.3E6	19314.9E6	513.577	506.659
11) T	2,4,5-TP ...	9.368	9.930	10174.0E6	7138.3E6	507.927	494.728
12) T	2,4,5-T	9.662	10.356	8490.0E6	6822.5E6	516.011	499.285
13) T	2,4-DB	10.239	10.923	1241.7E6	581.0E6	541.414	491.165
14) T	DINOSEB	11.457	11.307	7015.0E6	5232.6E6	505.649m	485.340
15) T	Picloram	11.267	12.417	8102.6E6	11144.7E6	504.017m	479.520
16) T	DCPA	11.754	12.352	13504.1E6	11115.1E6	527.171	504.250m

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

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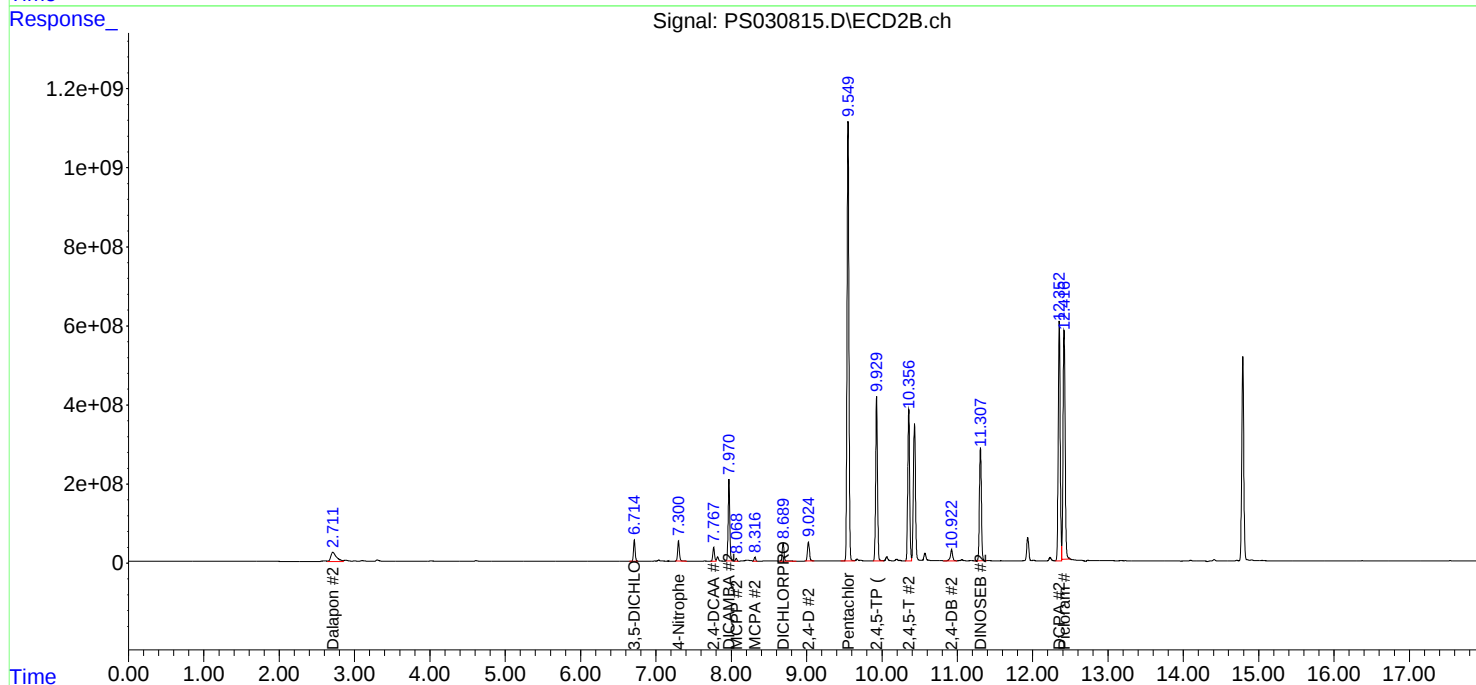
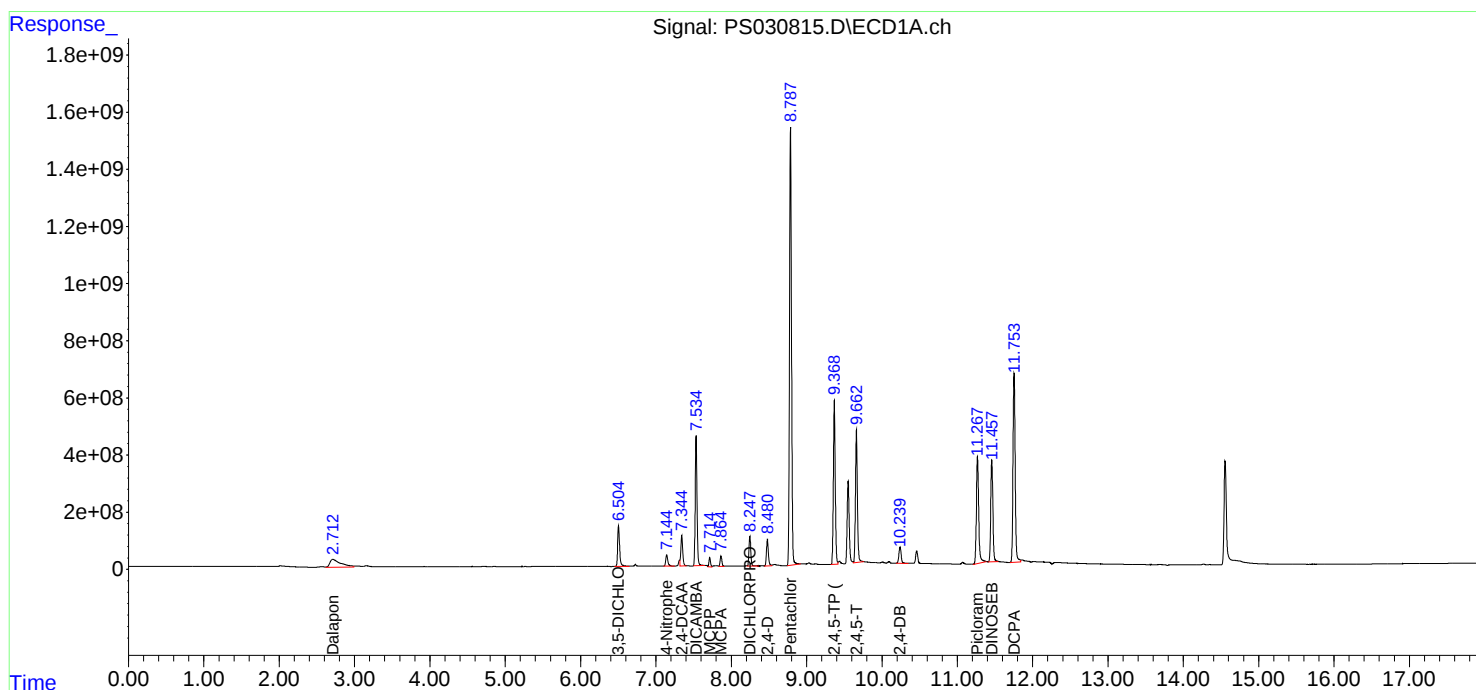
Instrument :
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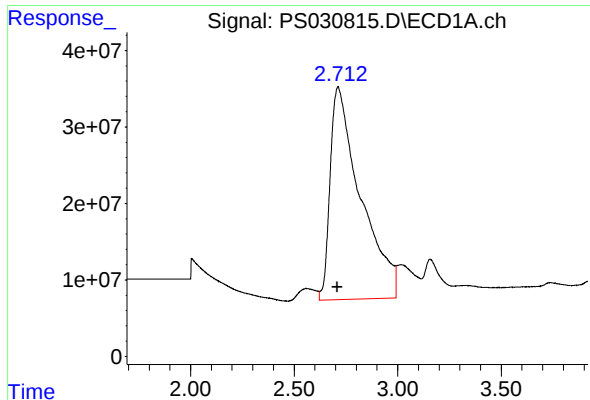
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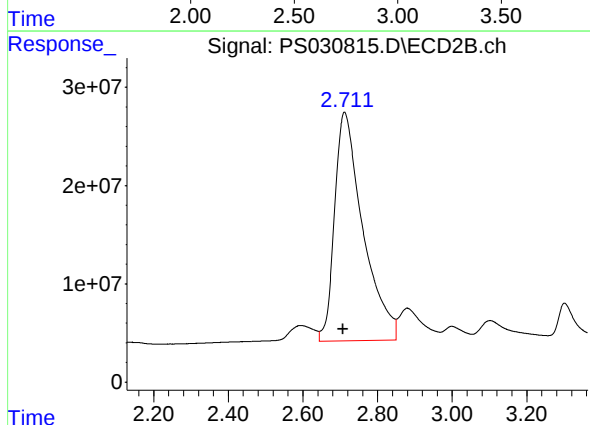
#1 Dalapon

R.T.: 2.712 min
Delta R.T.: 0.004 min
Response: 2830945782
Conc: 474.54 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168597BS

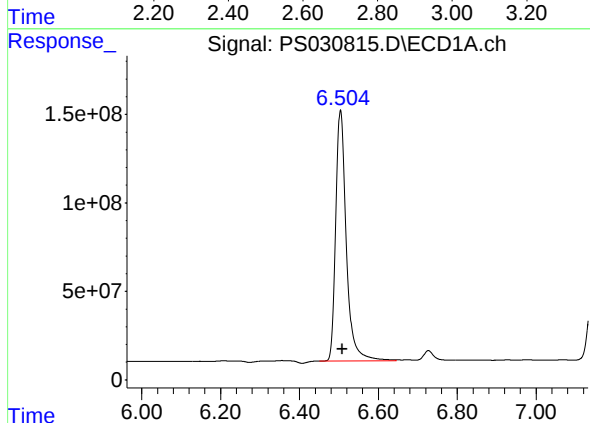
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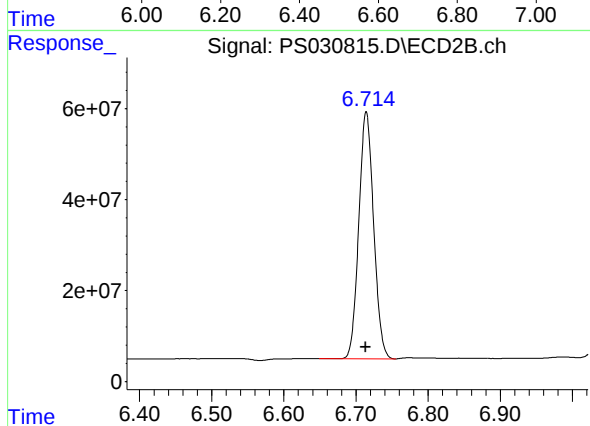
#1 Dalapon

R.T.: 2.712 min
Delta R.T.: 0.004 min
Response: 1228747607
Conc: 448.16 ng/ml



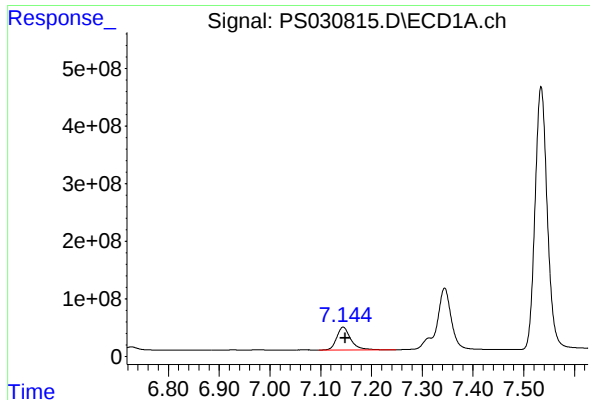
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.504 min
Delta R.T.: -0.005 min
Response: 2641405841
Conc: 491.19 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.714 min
Delta R.T.: 0.000 min
Response: 776176141
Conc: 481.16 ng/ml



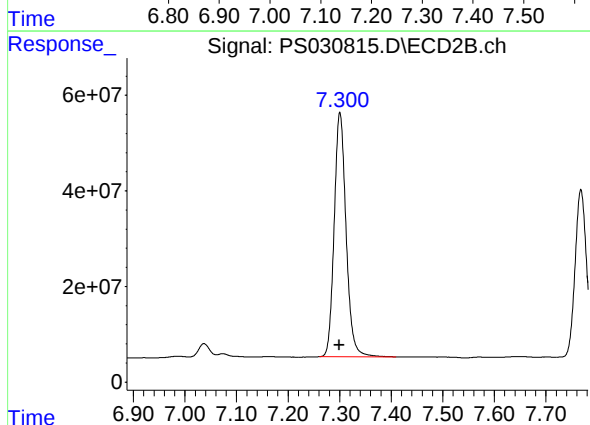
#3 4-Nitrophenol

R.T.: 7.144 min
Delta R.T.: -0.004 min
Response: 761303894
Conc: 482.83 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168597BS

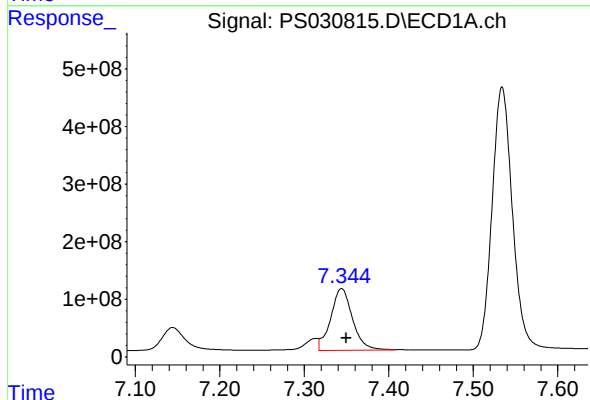
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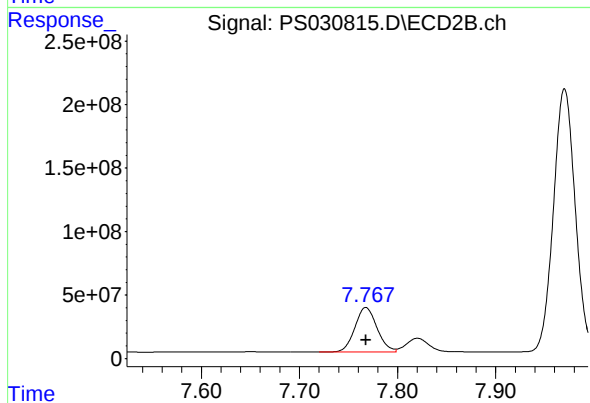
#3 4-Nitrophenol

R.T.: 7.301 min
Delta R.T.: 0.001 min
Response: 817727481
Conc: 471.71 ng/ml



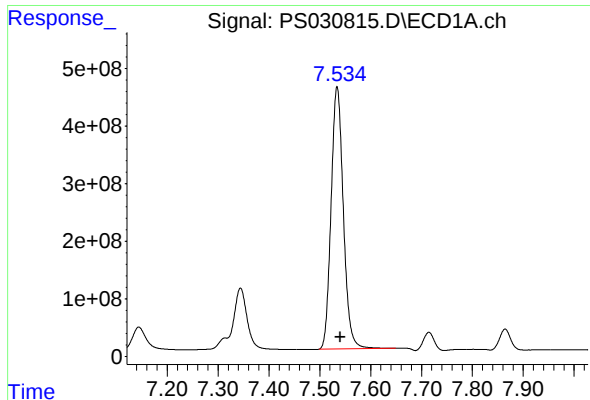
#4 2,4-DCAA

R.T.: 7.344 min
Delta R.T.: -0.006 min
Response: 1923824579
Conc: 523.58 ng/ml m



#4 2,4-DCAA

R.T.: 7.768 min
Delta R.T.: 0.000 min
Response: 548026613
Conc: 511.24 ng/ml



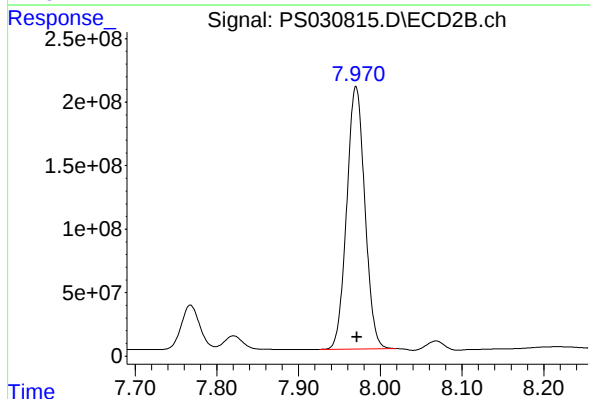
#5 DICAMBA

R.T.: 7.534 min
Delta R.T.: -0.006 min
Response: 7605742764
Conc: 499.88 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168597BS

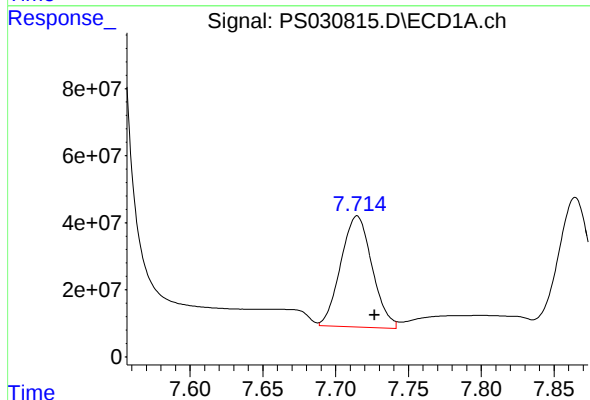
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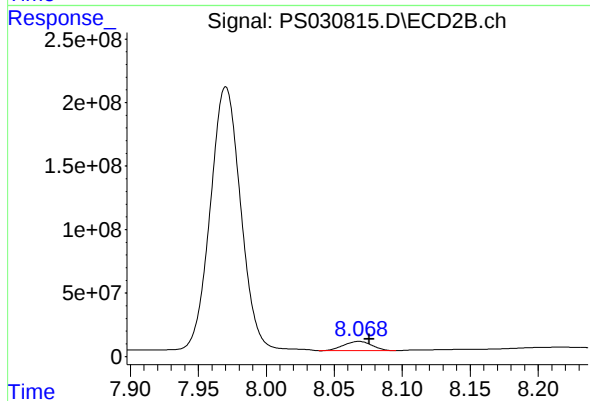
#5 DICAMBA

R.T.: 7.970 min
Delta R.T.: 0.000 min
Response: 3184868350
Conc: 486.00 ng/ml



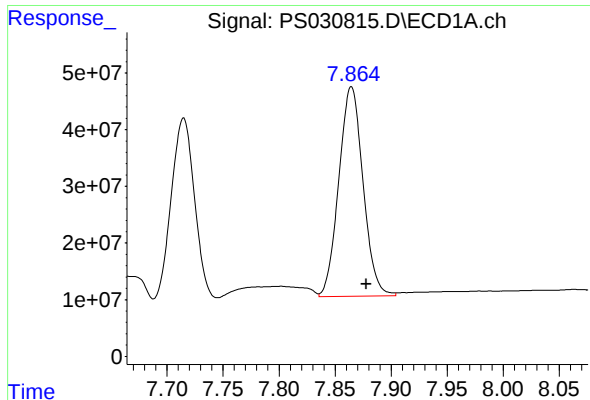
#6 MCPP

R.T.: 7.714 min
Delta R.T.: -0.012 min
Response: 495927446
Conc: 52.82 ug/ml m



#6 MCPP

R.T.: 8.068 min
Delta R.T.: -0.008 min
Response: 107219859
Conc: 51.12 ug/ml



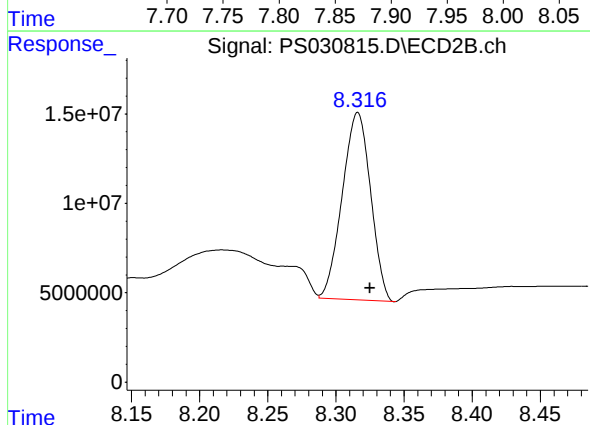
#7 MCPA

R.T.: 7.865 min
Delta R.T.: -0.013 min
Response: 556541938
Conc: 47.44 ug/ml

Instrument :
ECD_S
ClientSampleId :
PB168597BS

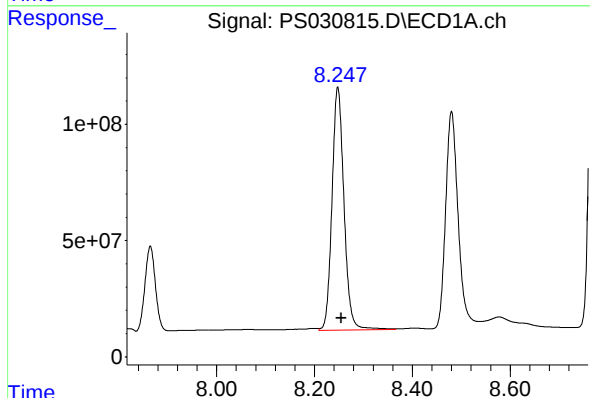
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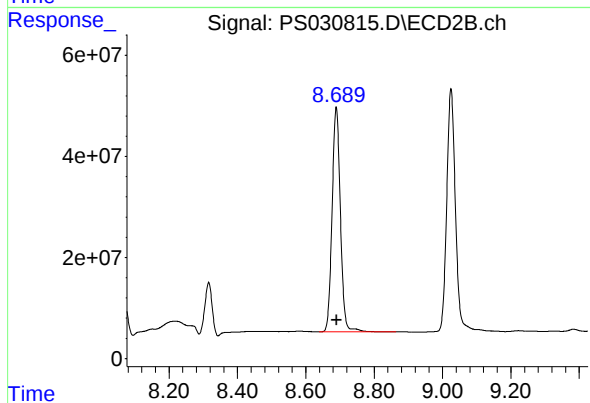
#7 MCPA

R.T.: 8.316 min
Delta R.T.: -0.009 min
Response: 151589544
Conc: 48.19 ug/ml



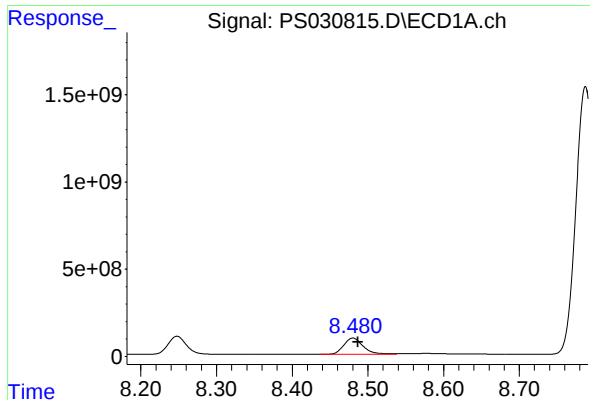
#8 DICHLORPROP

R.T.: 8.248 min
Delta R.T.: -0.007 min
Response: 1781188755
Conc: 475.52 ng/ml



#8 DICHLORPROP

R.T.: 8.689 min
Delta R.T.: 0.000 min
Response: 750701862
Conc: 477.40 ng/ml



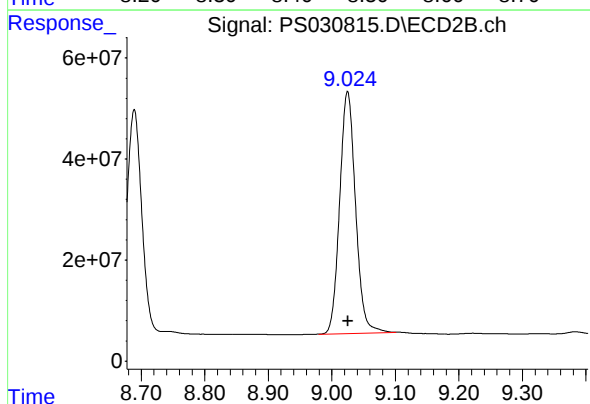
#9 2,4-D

R.T.: 8.480 min
Delta R.T.: -0.007 min
Response: 1677410306
Conc: 486.99 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168597BS

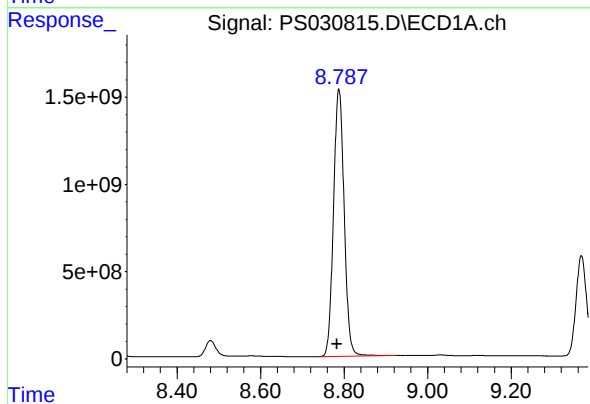
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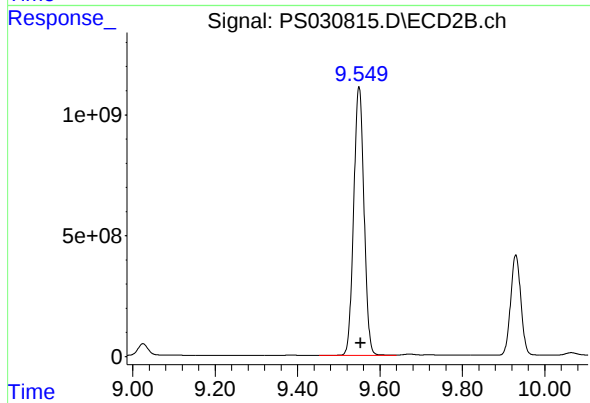
#9 2,4-D

R.T.: 9.024 min
Delta R.T.: -0.001 min
Response: 830931890
Conc: 488.95 ng/ml m



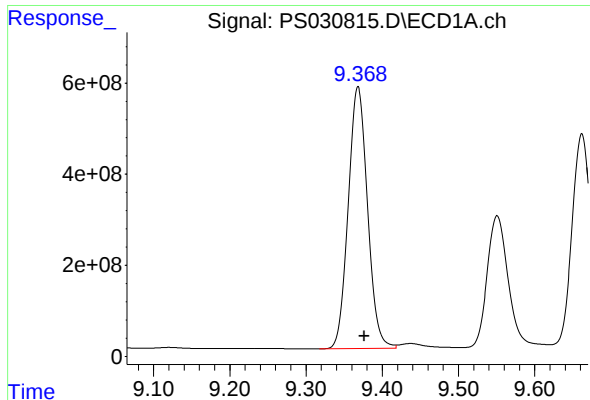
#10 Pentachlorophenol

R.T.: 8.788 min
Delta R.T.: 0.005 min
Response: 27181278672
Conc: 513.58 ng/ml



#10 Pentachlorophenol

R.T.: 9.549 min
Delta R.T.: -0.004 min
Response: 19314896363
Conc: 506.66 ng/ml



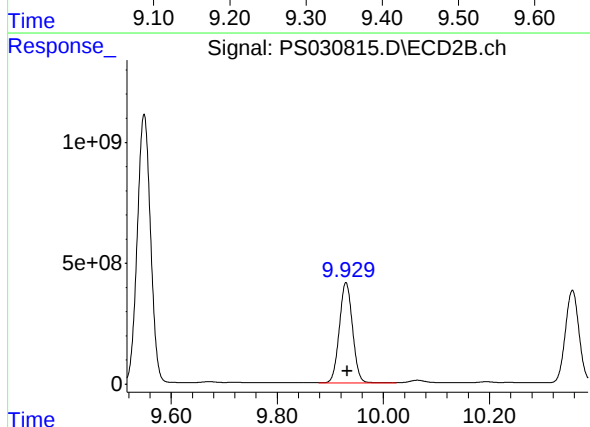
#11 2,4,5-TP (SILVEX)

R.T.: 9.368 min
Delta R.T.: -0.008 min
Response: 10173984754
Conc: 507.93 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168597BS

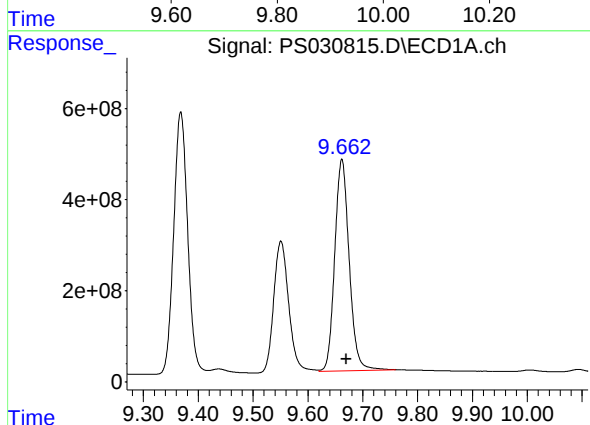
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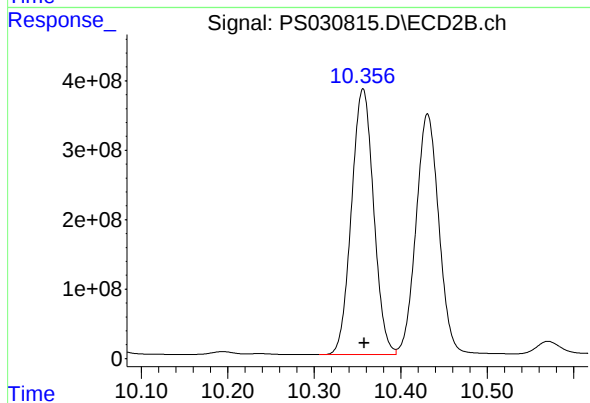
#11 2,4,5-TP (SILVEX)

R.T.: 9.930 min
Delta R.T.: -0.002 min
Response: 7138278250
Conc: 494.73 ng/ml



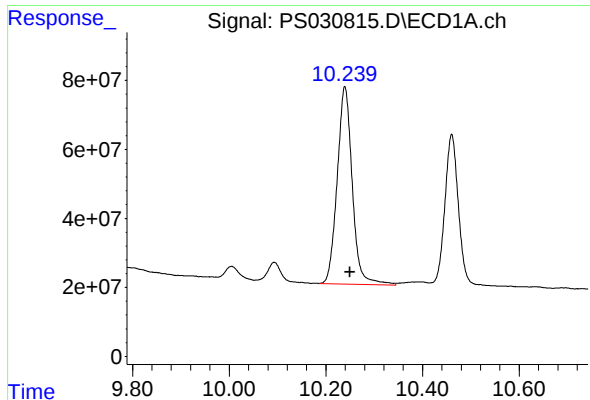
#12 2,4,5-T

R.T.: 9.662 min
Delta R.T.: -0.008 min
Response: 8490015384
Conc: 516.01 ng/ml



#12 2,4,5-T

R.T.: 10.356 min
Delta R.T.: -0.001 min
Response: 6822546287
Conc: 499.29 ng/ml



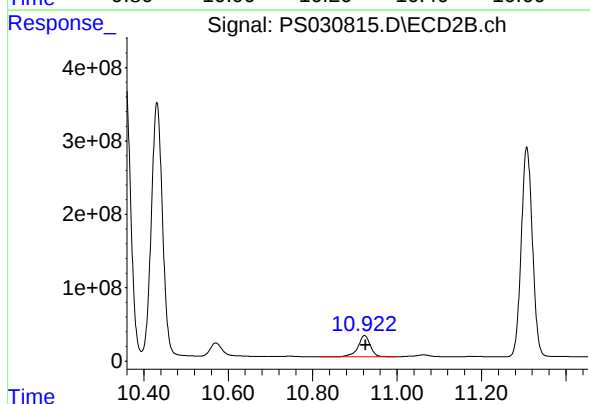
#13 2,4-DB

R.T.: 10.239 min
Delta R.T.: -0.011 min
Response: 1241733555
Conc: 541.41 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168597BS

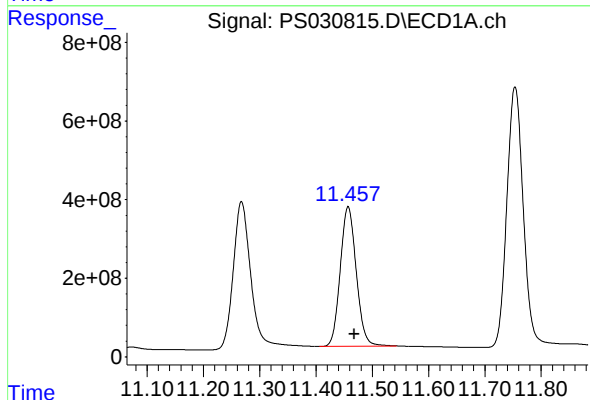
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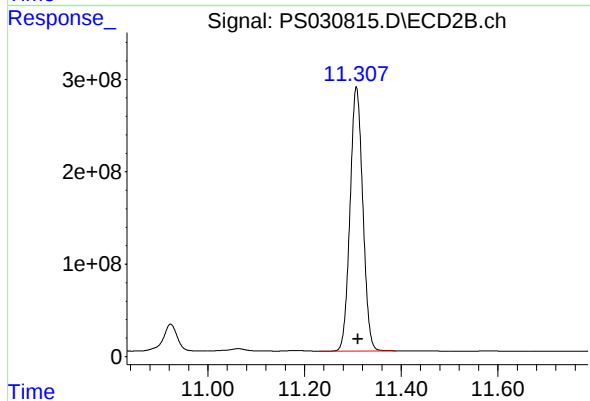
#13 2,4-DB

R.T.: 10.923 min
Delta R.T.: -0.002 min
Response: 581001193
Conc: 491.17 ng/ml



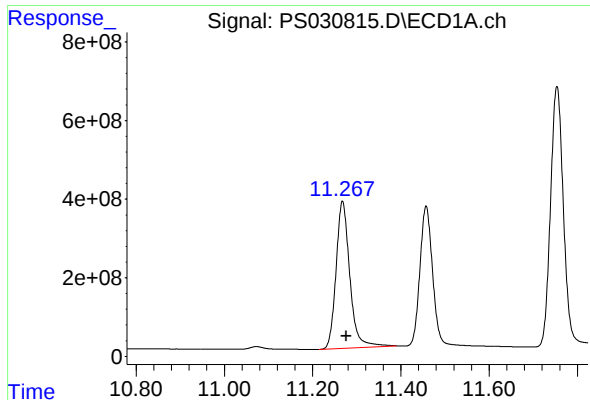
#14 DINOSEB

R.T.: 11.457 min
Delta R.T.: -0.012 min
Response: 7014956028
Conc: 505.65 ng/ml m



#14 DINOSEB

R.T.: 11.307 min
Delta R.T.: -0.004 min
Response: 5232567560
Conc: 485.34 ng/ml



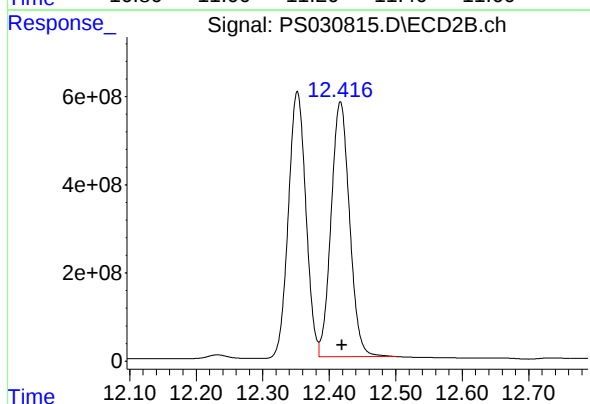
#15 Picloram

R.T.: 11.267 min
Delta R.T.: -0.009 min
Response: 8102628504
Conc: 504.02 ng/ml

Instrument :
ECD_S
ClientSampleId :
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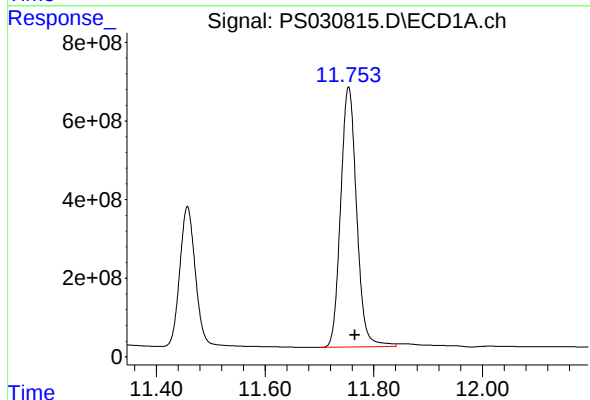
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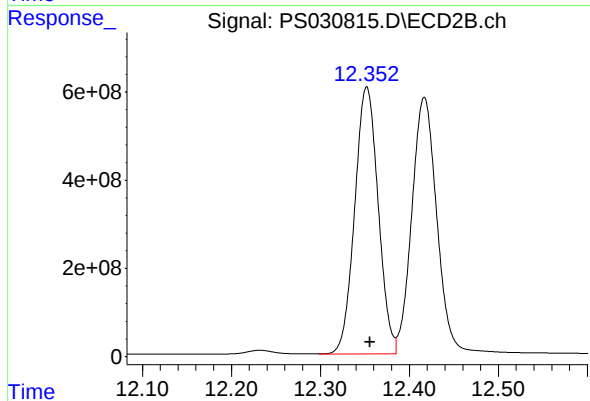
#15 Picloram

R.T.: 12.417 min
Delta R.T.: -0.003 min
Response: 11144719669
Conc: 479.52 ng/ml



#16 DCPA

R.T.: 11.754 min
Delta R.T.: -0.011 min
Response: 13504137217
Conc: 527.17 ng/ml



#16 DCPA

R.T.: 12.352 min
Delta R.T.: -0.004 min
Response: 11115071805
Conc: 504.25 ng/ml m