

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060225\
 Data File : PS030458.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Jun 2025 18:58
 Operator : AR\AJ
 Sample : PB168207BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PB168207BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/03/2025
 Supervised By : mohammad ahmed 06/04/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 03 03:22:56 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060225.M
 Quant Title : 8080.M
 QLast Update : Mon Jun 02 12:26:05 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	6.732	7.301	2422.3E6	760.5E6	597.739	597.681
Target Compounds							
1) T	Dalapon	2.311	2.407	3498.7E6	1777.4E6	525.974	511.624
2) T	3,5-DICHL...	5.966	6.320	3335.7E6	995.1E6	554.763	559.382
3) T	4-Nitroph...	6.526	6.840	1280.3E6	866.9E6	550.042	540.438
5) T	DICAMBA	6.903	7.482	9818.1E6	4490.0E6	567.984	567.639
6) T	MCP	7.083	7.592	621.6E6	171.2E6	56.241	56.700
7) T	MCPA	7.222	7.819	793.6E6	226.7E6	56.048	55.942
8) T	DICHLORPROP	7.570	8.167	2332.5E6	1060.8E6	564.470	562.641
9) T	2,4-D	7.785	8.476	2501.9E6	1157.8E6	572.091	565.197
10) T	Pentachlo...	8.050	8.962	37465.6E6	23873.0E6	640.382	596.897
11) T	2,4,5-TP ...	8.608	9.344	14258.8E6	9462.8E6	579.227	578.188
12) T	2,4,5-T	8.884	9.743	13174.6E6	8545.8E6	589.485	578.787
13) T	2,4-DB	9.434	10.296	2077.0E6	781.1E6	592.753	568.289
14) T	DINOSEB	10.573	10.664	10524.1E6	6298.5E6	564.391	555.575
15) T	Picloram	10.395	11.682	16052.8E6	15097.4E6	583.909	603.549m
16) T	DCPA	10.873	11.682	18056.9E6	12973.5E6	588.424	591.427m

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

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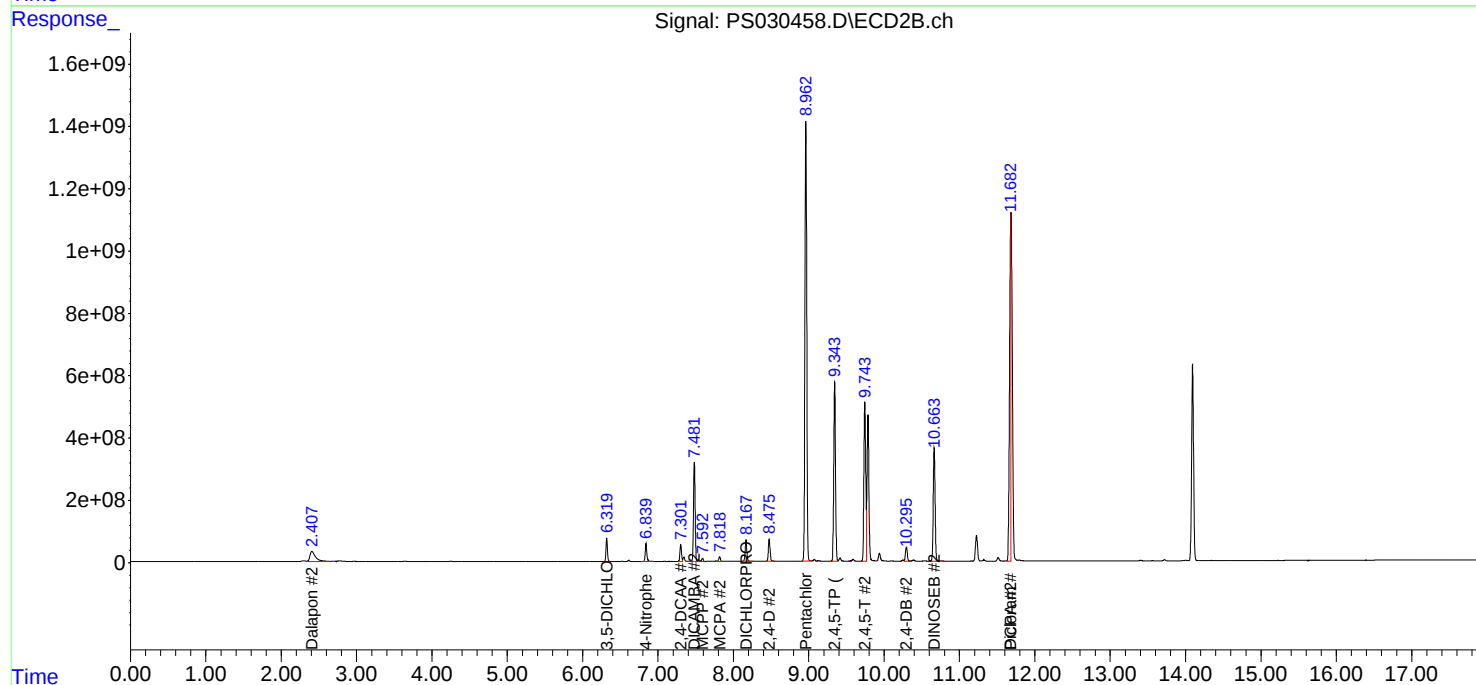
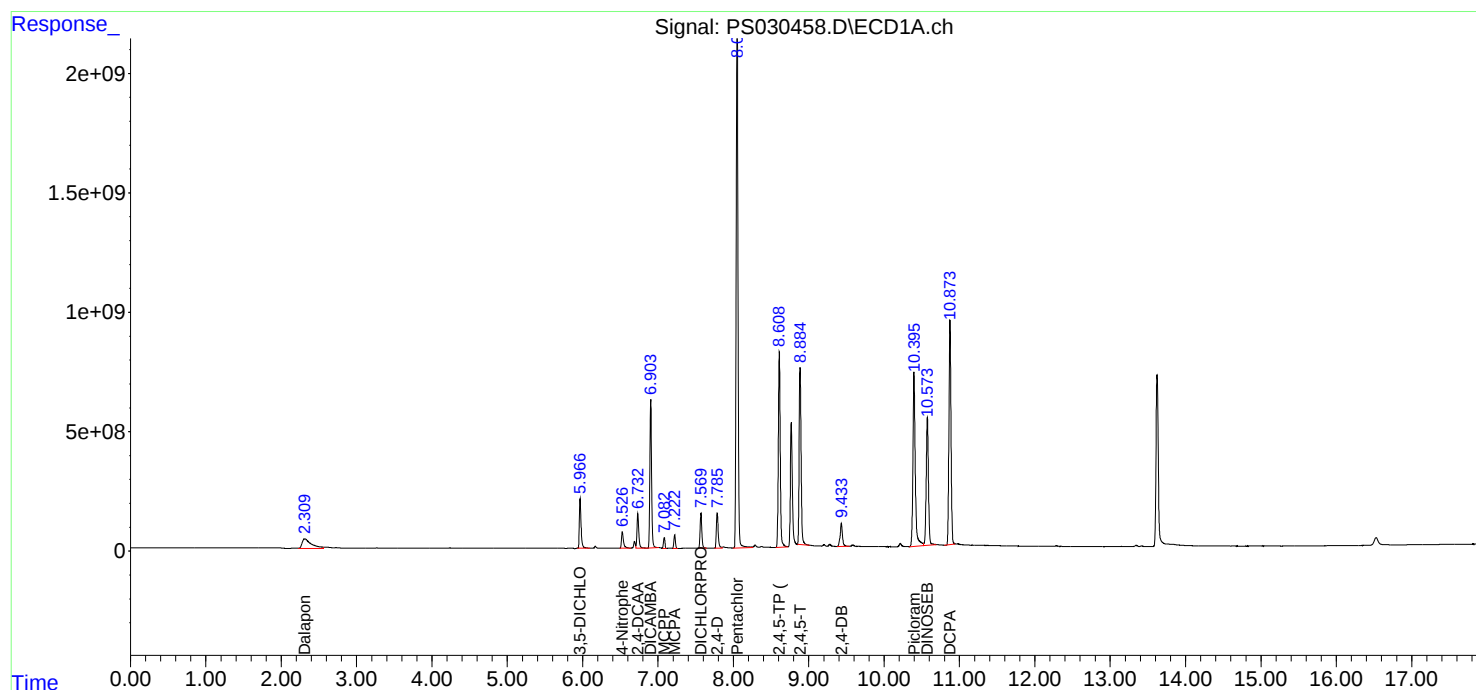
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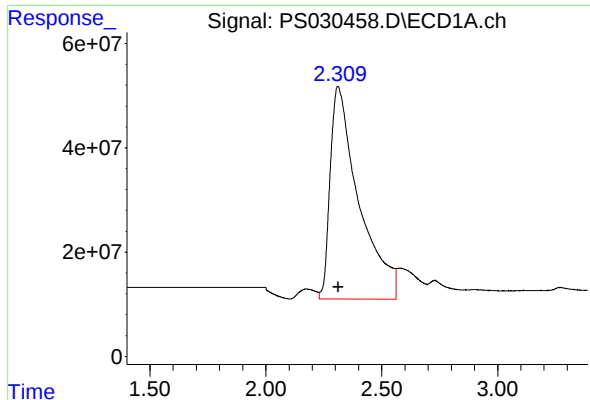
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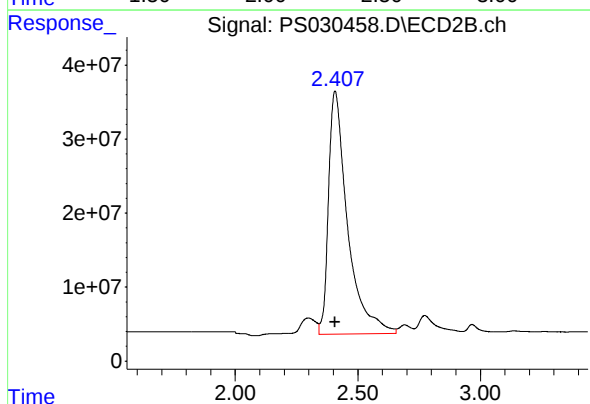
#1 Dalapon

R.T.: 2.311 min
Delta R.T.: -0.001 min
Response: 3498742672
Conc: 525.97 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168207BS

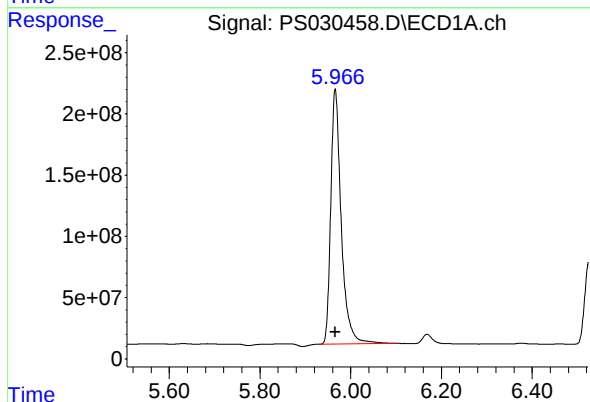
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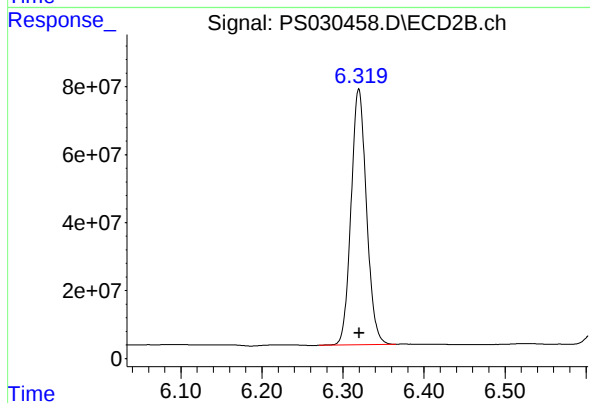
#1 Dalapon

R.T.: 2.407 min
Delta R.T.: 0.000 min
Response: 1777403828
Conc: 511.62 ng/ml



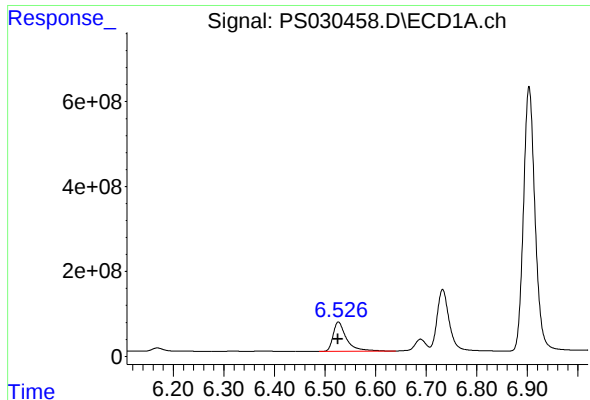
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.966 min
Delta R.T.: 0.000 min
Response: 3335749781
Conc: 554.76 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.320 min
Delta R.T.: 0.000 min
Response: 995137560
Conc: 559.38 ng/ml



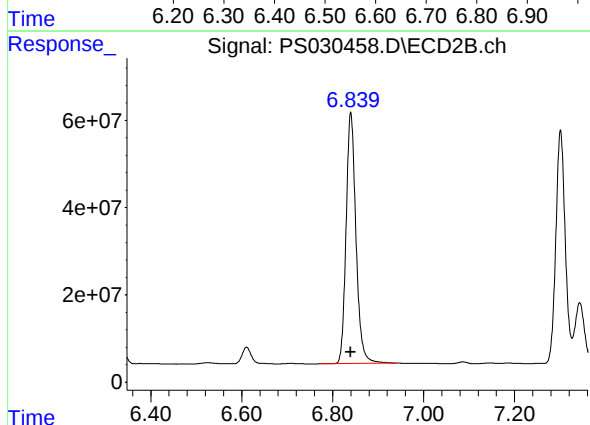
#3 4-Nitrophenol

R.T.: 6.526 min
Delta R.T.: 0.000 min
Response: 1280295324
Conc: 550.04 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168207BS

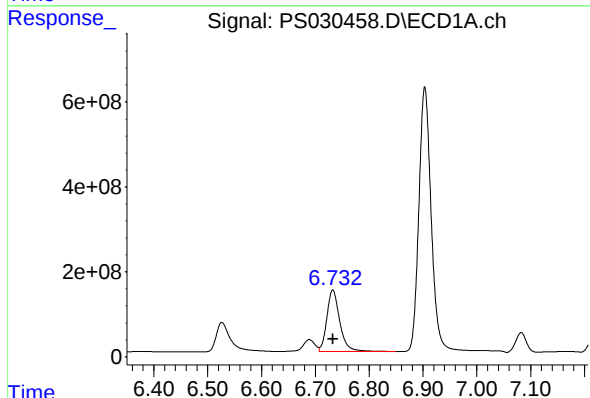
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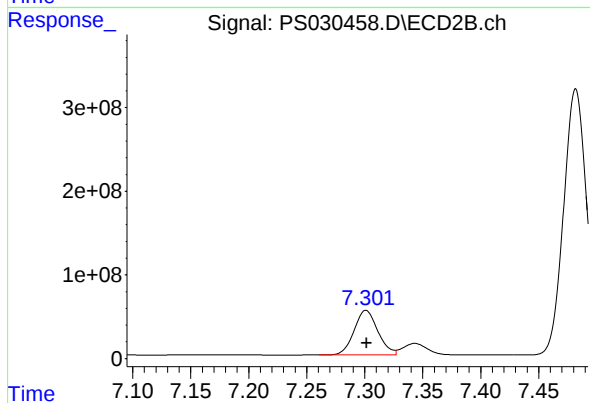
#3 4-Nitrophenol

R.T.: 6.840 min
Delta R.T.: 0.000 min
Response: 866871319
Conc: 540.44 ng/ml



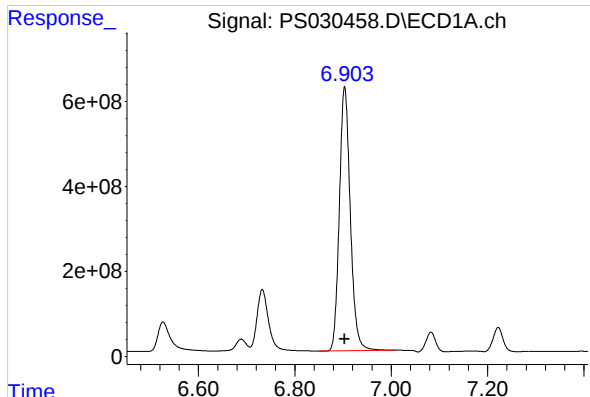
#4 2,4-DCAA

R.T.: 6.732 min
Delta R.T.: 0.000 min
Response: 2422292114
Conc: 597.74 ng/ml



#4 2,4-DCAA

R.T.: 7.301 min
Delta R.T.: 0.000 min
Response: 760527595
Conc: 597.68 ng/ml



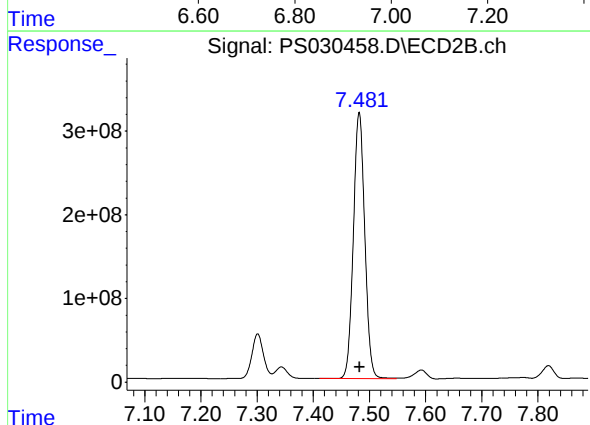
#5 DICAMBA

R.T.: 6.903 min
Delta R.T.: 0.000 min
Response: 9818087855
Conc: 567.98 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168207BS

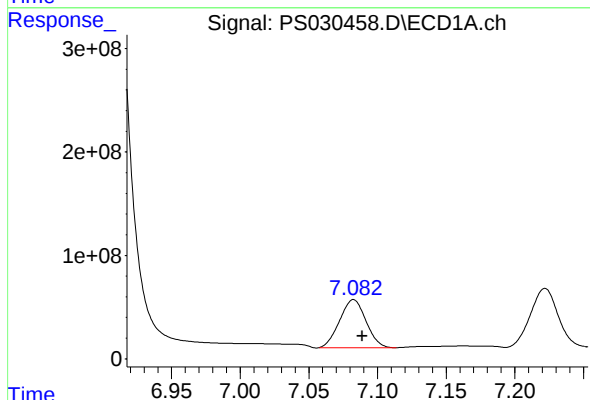
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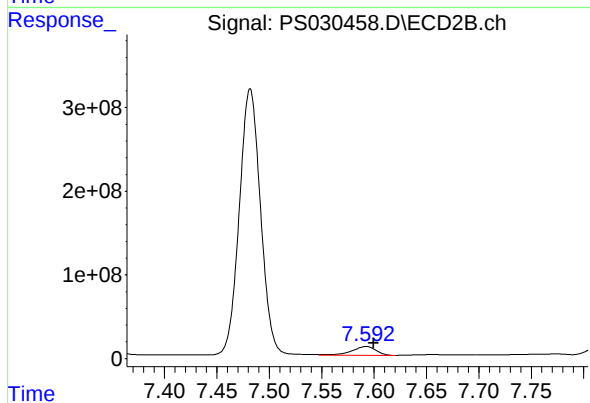
#5 DICAMBA

R.T.: 7.482 min
Delta R.T.: 0.000 min
Response: 4490017985
Conc: 567.64 ng/ml



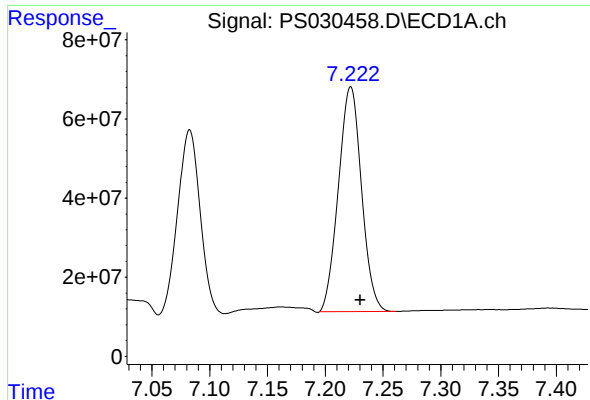
#6 MCPP

R.T.: 7.083 min
Delta R.T.: -0.006 min
Response: 621554655
Conc: 56.24 ug/ml



#6 MCPP

R.T.: 7.592 min
Delta R.T.: -0.007 min
Response: 171152181
Conc: 56.70 ug/ml



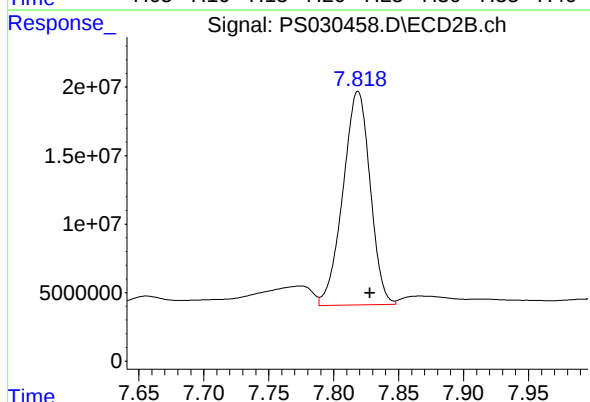
#7 MCPA

R.T.: 7.222 min
Delta R.T.: -0.008 min
Response: 793618875
Conc: 56.05 ug/ml

Instrument :
ECD_S
ClientSampleId :
PB168207BS

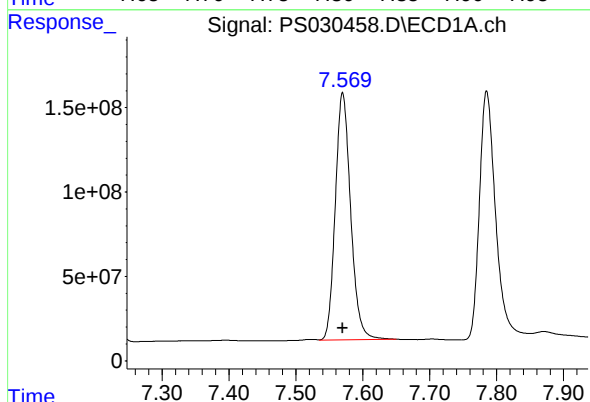
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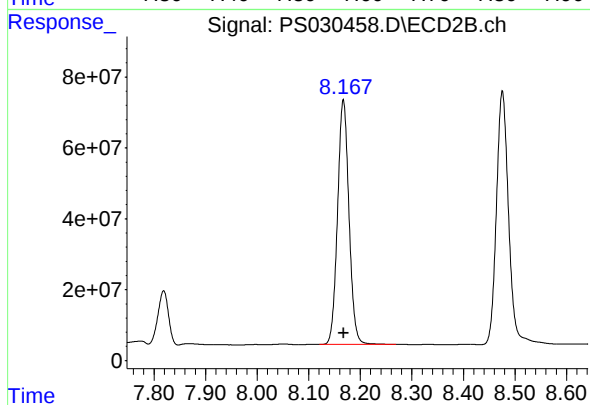
#7 MCPA

R.T.: 7.819 min
Delta R.T.: -0.009 min
Response: 226671382
Conc: 55.94 ug/ml



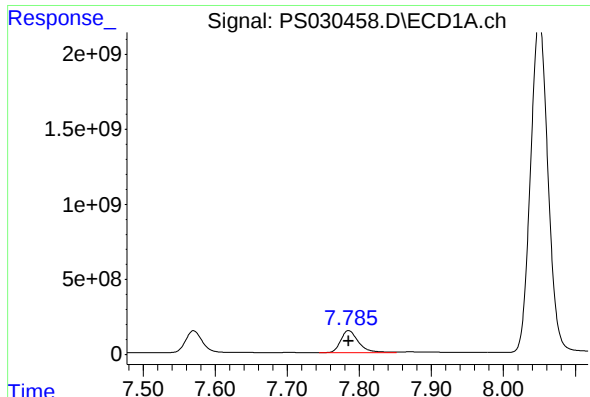
#8 DICHLORPROP

R.T.: 7.570 min
Delta R.T.: 0.000 min
Response: 2332491117
Conc: 564.47 ng/ml



#8 DICHLORPROP

R.T.: 8.167 min
Delta R.T.: 0.000 min
Response: 1060833449
Conc: 562.64 ng/ml



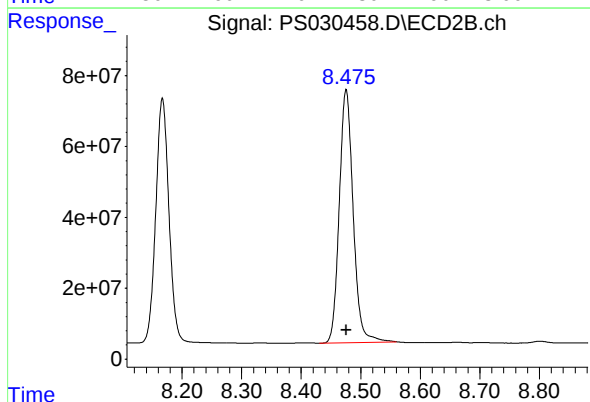
#9 2,4-D

R.T.: 7.785 min
Delta R.T.: 0.000 min
Response: 2501940945
Conc: 572.09 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168207BS

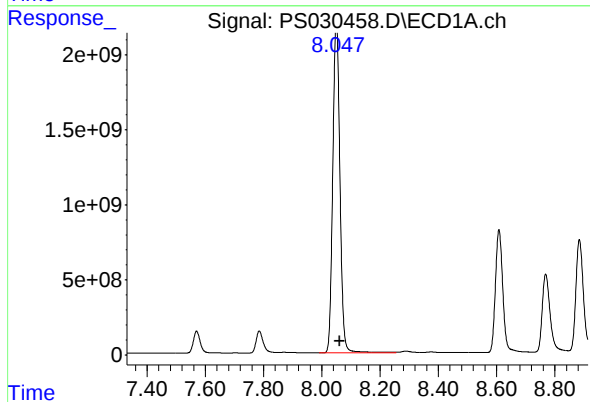
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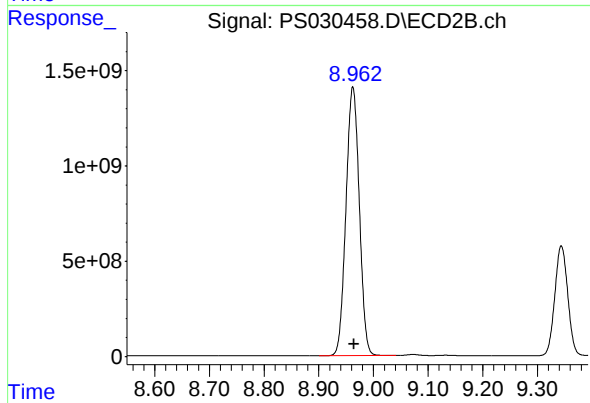
#9 2,4-D

R.T.: 8.476 min
Delta R.T.: 0.000 min
Response: 1157754012
Conc: 565.20 ng/ml



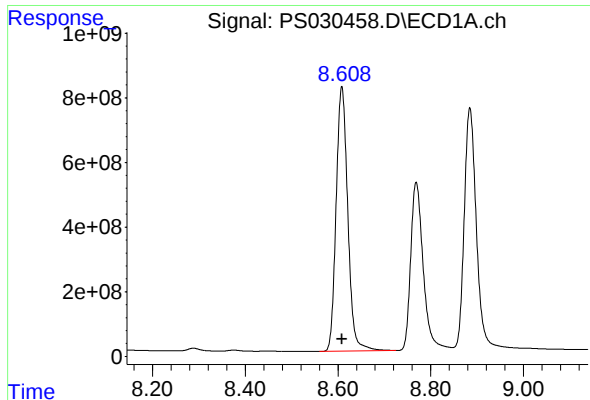
#10 Pentachlorophenol

R.T.: 8.050 min
Delta R.T.: -0.011 min
Response: 37465585965
Conc: 640.38 ng/ml



#10 Pentachlorophenol

R.T.: 8.962 min
Delta R.T.: -0.002 min
Response: 23872968112
Conc: 596.90 ng/ml



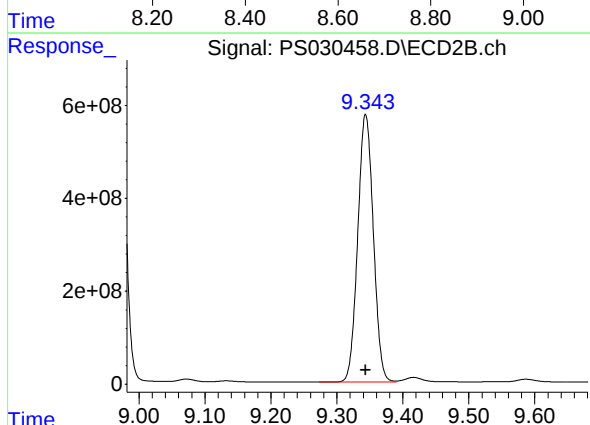
#11 2,4,5-TP (SILVEX)

R.T.: 8.608 min
Delta R.T.: 0.000 min
Response: 14258795328
Conc: 579.23 ng/ml

Instrument :
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ClientSampleId :
PB168207BS

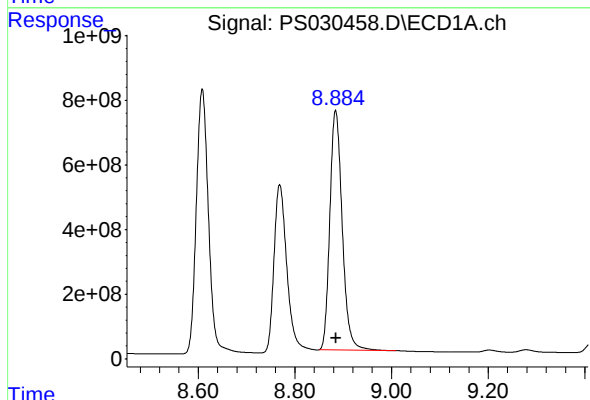
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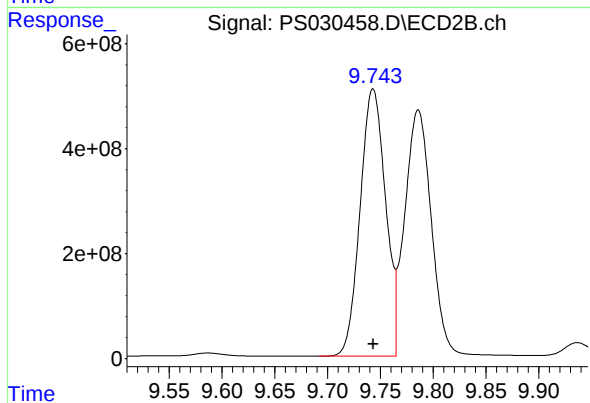
#11 2,4,5-TP (SILVEX)

R.T.: 9.344 min
Delta R.T.: 0.000 min
Response: 9462842804
Conc: 578.19 ng/ml



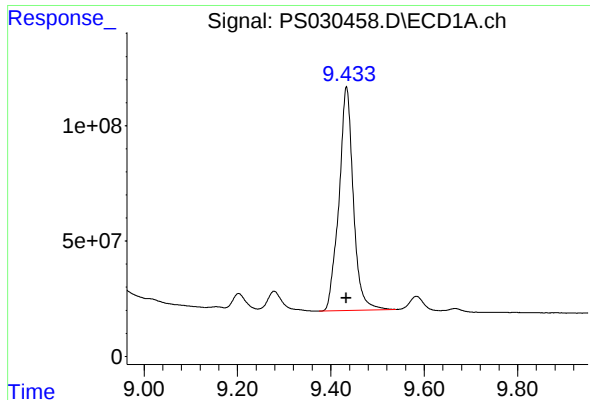
#12 2,4,5-T

R.T.: 8.884 min
Delta R.T.: 0.000 min
Response: 13174637955
Conc: 589.48 ng/ml



#12 2,4,5-T

R.T.: 9.743 min
Delta R.T.: 0.000 min
Response: 8545766449
Conc: 578.79 ng/ml



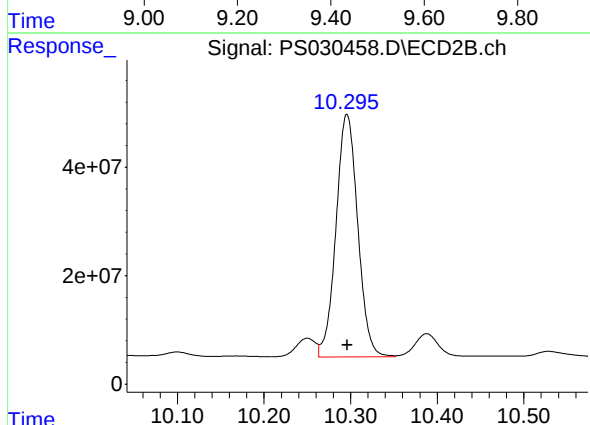
#13 2,4-DB

R.T.: 9.434 min
Delta R.T.: 0.000 min
Response: 2076954383
Conc: 592.75 ng/ml

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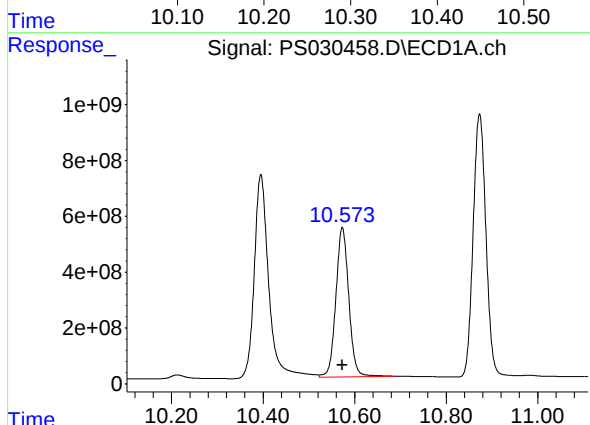
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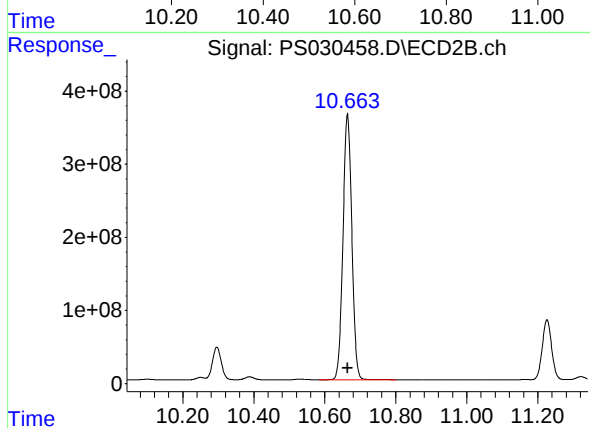
#13 2,4-DB

R.T.: 10.296 min
Delta R.T.: 0.000 min
Response: 781057258
Conc: 568.29 ng/ml



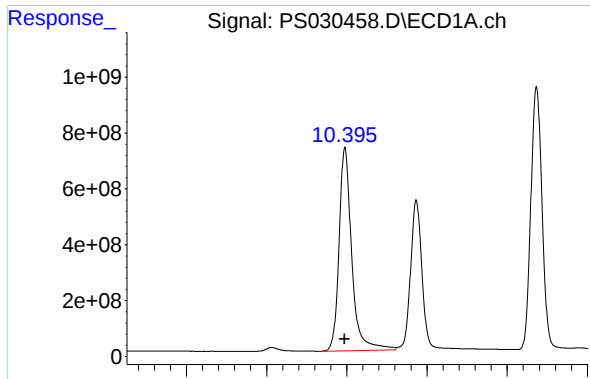
#14 DINOSEB

R.T.: 10.573 min
Delta R.T.: 0.000 min
Response: 10524069798
Conc: 564.39 ng/ml



#14 DINOSEB

R.T.: 10.664 min
Delta R.T.: 0.000 min
Response: 6298531742
Conc: 555.57 ng/ml



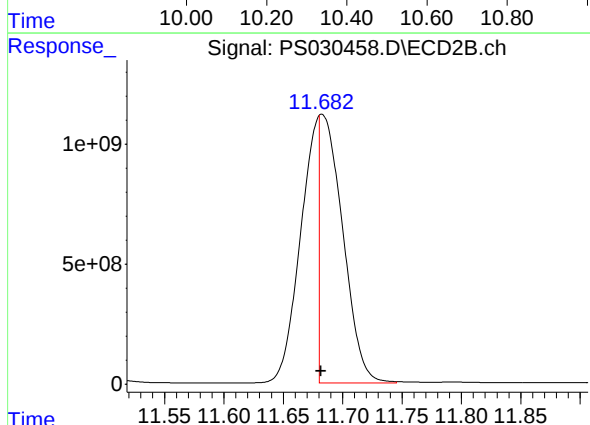
#15 Picloram

R.T.: 10.395 min
Delta R.T.: 0.000 min
Response: 16052839435
Conc: 583.91 ng/ml

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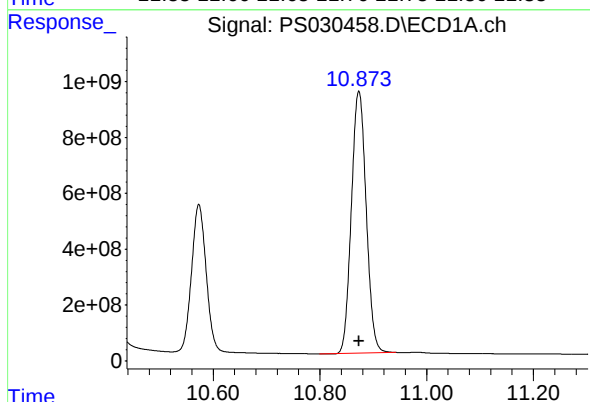
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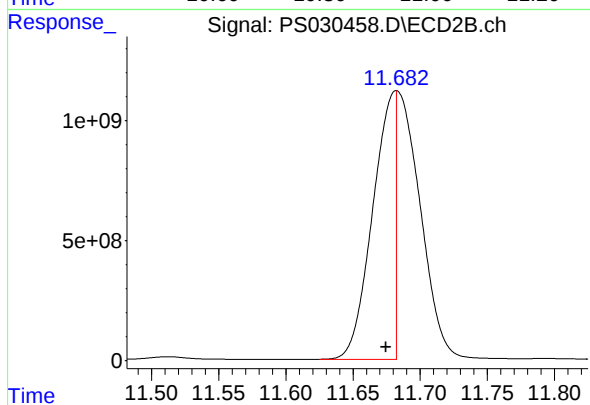
#15 Picloram

R.T.: 11.682 min
Delta R.T.: 0.000 min
Response: 15097415098
Conc: 603.55 ng/ml m



#16 DCPA

R.T.: 10.873 min
Delta R.T.: 0.000 min
Response: 18056924863
Conc: 588.42 ng/ml



#16 DCPA

R.T.: 11.682 min
Delta R.T.: 0.007 min
Response: 12973499688
Conc: 591.43 ng/ml m