

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS032025\
 Data File : PS029480.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Mar 2025 16:33
 Operator : AR\AJ
 Sample : PB167229BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PB167229BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/21/2025
 Supervised By : mohammad ahmed 03/24/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 21 04:54:36 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS032025.M
 Quant Title : 8080.M
 QLast Update : Fri Mar 21 04:46:07 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	7.150	7.583	2266.8E6	450.5E6	547.794	518.162
Target Compounds							
1) T	Dalapon	2.588	2.631	2336.1E6	884.5E6	416.460	438.267
2) T	3,5-DICHL...	6.334	6.565	2925.5E6	638.0E6	502.795	478.591
3) T	4-Nitroph...	6.955	7.121	878.9E6	341.3E6	466.076	474.138
5) T	DICAMBA	7.330	7.773	9149.0E6	2407.6E6	510.182	469.725
6) T	MCP	7.507	7.876	634.4E6	106.7E6	48.069m	46.149
7) T	MCPA	7.654	8.112	801.7E6	138.4E6	46.509	46.133
8) T	DICHLORPROP	8.030	8.477	2392.6E6	588.8E6	518.140	486.514
9) T	2,4-D	8.263	8.801	2367.5E6	590.8E6	523.366	491.980
10) T	Pentachlo...	8.549	9.311	34596.3E6	11582.6E6	616.451	499.416
11) T	2,4,5-TP ...	9.123	9.687	12886.9E6	4401.5E6	521.575	489.911
12) T	2,4,5-T	9.416	10.100	13226.4E6	3780.9E6	531.012	485.067
13) T	2,4-DB	9.986	10.660	1820.8E6	364.8E6	498.119	484.730
14) T	DINOSEB	11.173	11.032	9232.9E6	2835.2E6	530.414	491.210
15) T	Picloram	10.993	12.100	14778.3E6	5119.8E6	490.575	451.122
16) T	DCPA	11.470	12.059	16050.4E6	5938.0E6	535.803m	496.646m

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

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Acq On : 20 Mar 2025 16:33
Operator : AR\AJ
Sample : PB167229BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

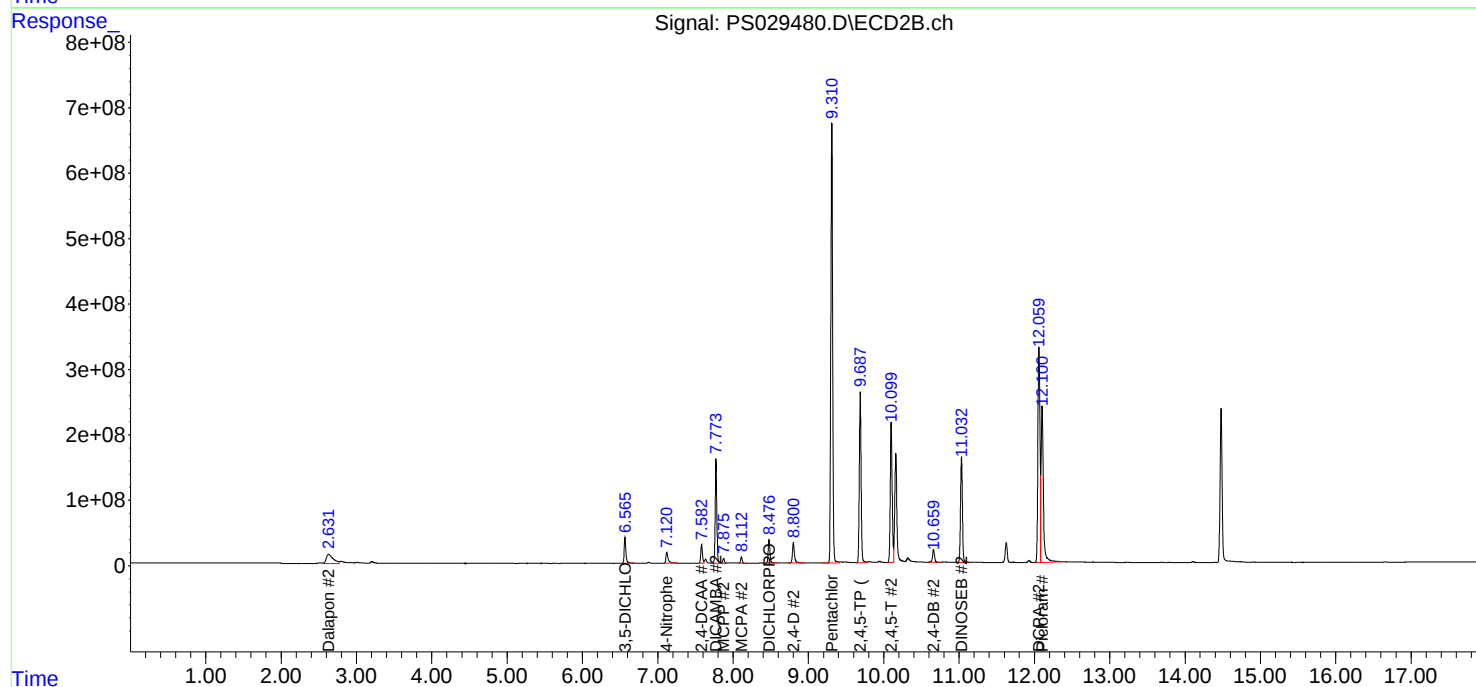
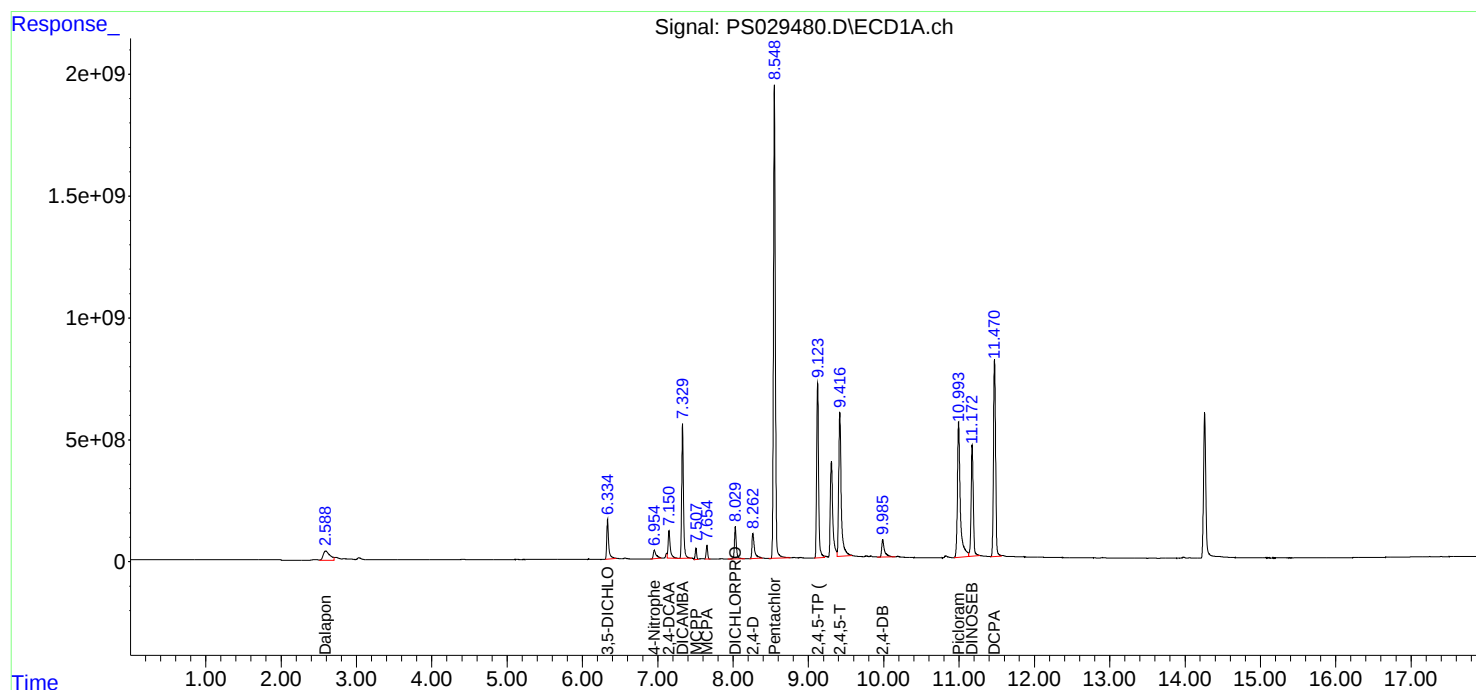
Instrument :
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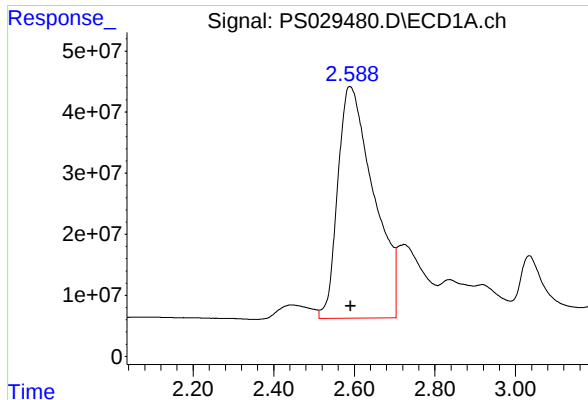
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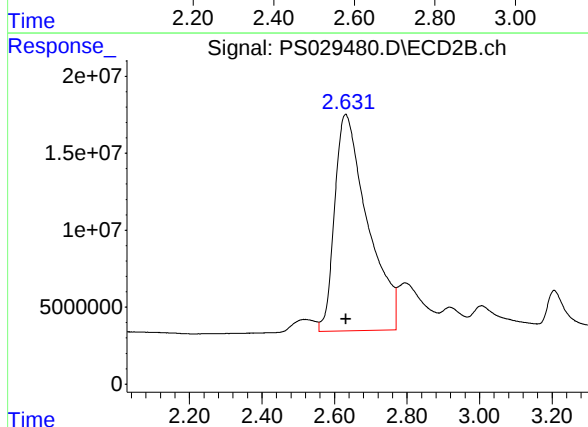
#1 Dalapon

R.T.: 2.588 min
Delta R.T.: -0.003 min
Response: 2336127556
Conc: 416.46 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167229BS

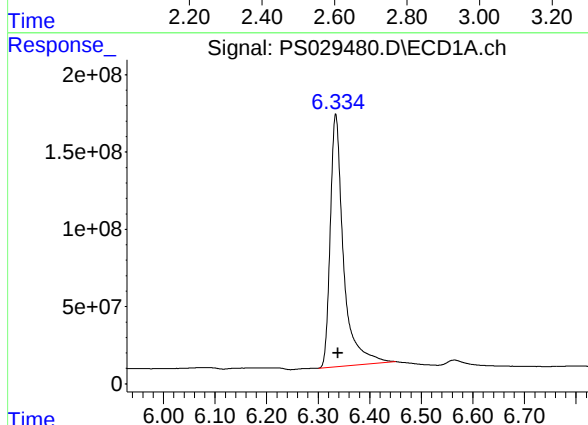
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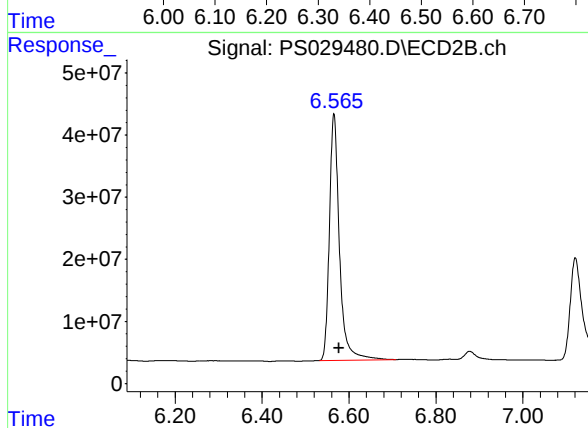
#1 Dalapon

R.T.: 2.631 min
Delta R.T.: 0.000 min
Response: 884538548
Conc: 438.27 ng/ml



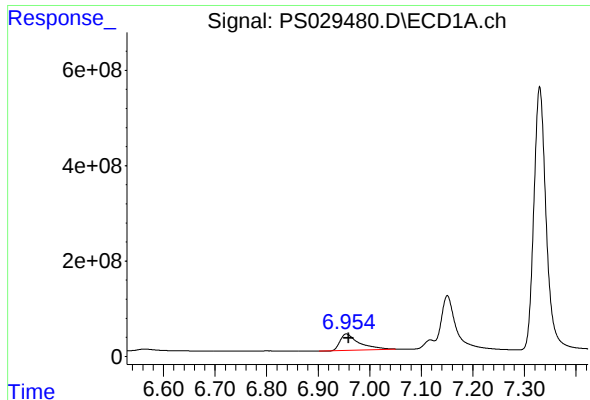
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.334 min
Delta R.T.: -0.004 min
Response: 2925468027
Conc: 502.79 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.565 min
Delta R.T.: -0.011 min
Response: 638022055
Conc: 478.59 ng/ml



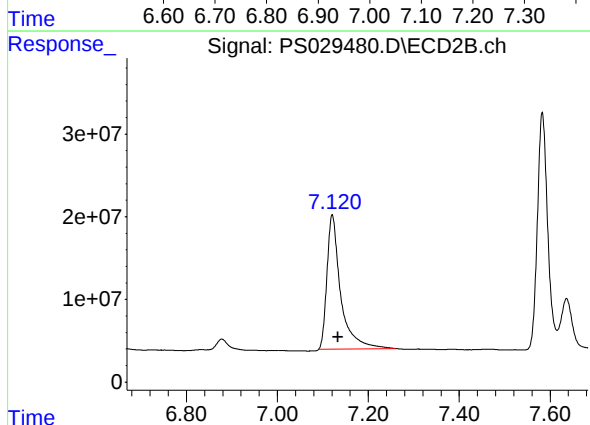
#3 4-Nitrophenol

R.T.: 6.955 min
Delta R.T.: -0.004 min
Response: 878929337
Conc: 466.08 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167229BS

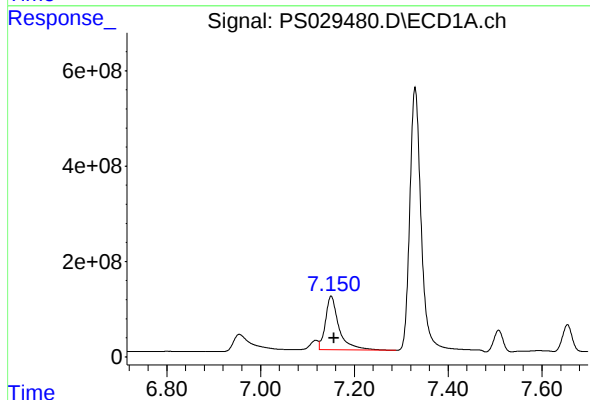
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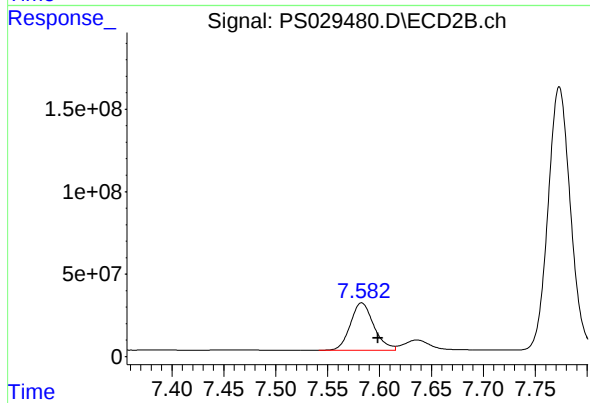
#3 4-Nitrophenol

R.T.: 7.121 min
Delta R.T.: -0.013 min
Response: 341315923
Conc: 474.14 ng/ml



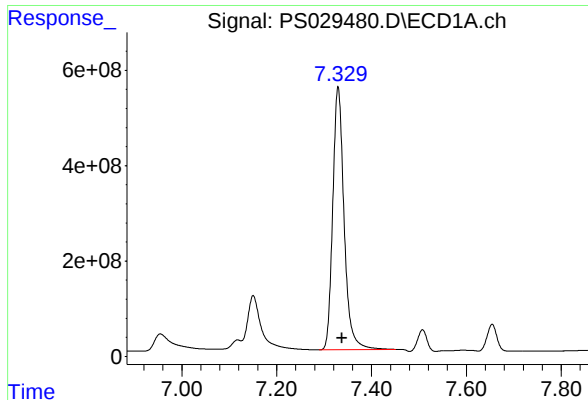
#4 2,4-DCAA

R.T.: 7.150 min
Delta R.T.: -0.007 min
Response: 2266784171
Conc: 547.79 ng/ml



#4 2,4-DCAA

R.T.: 7.583 min
Delta R.T.: -0.016 min
Response: 450536462
Conc: 518.16 ng/ml



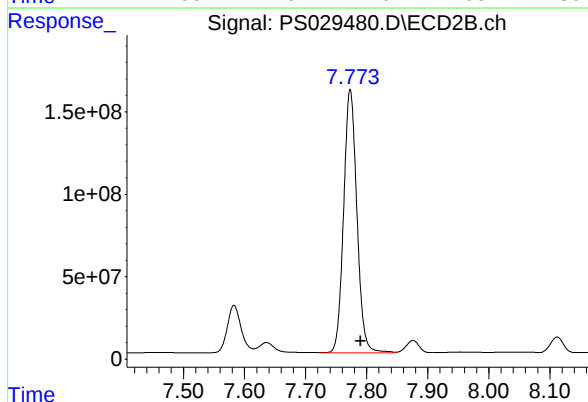
#5 DICAMBA

R.T.: 7.330 min
Delta R.T.: -0.008 min
Response: 9148986002
Conc: 510.18 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167229BS

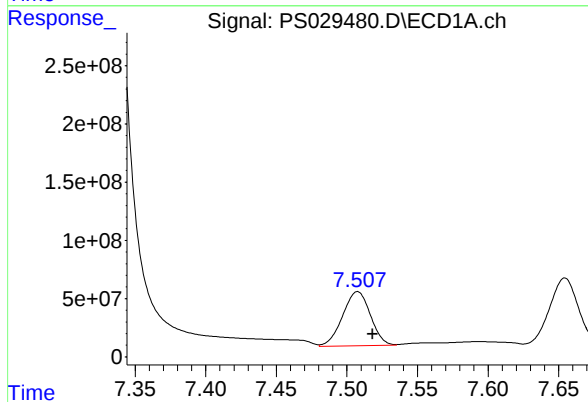
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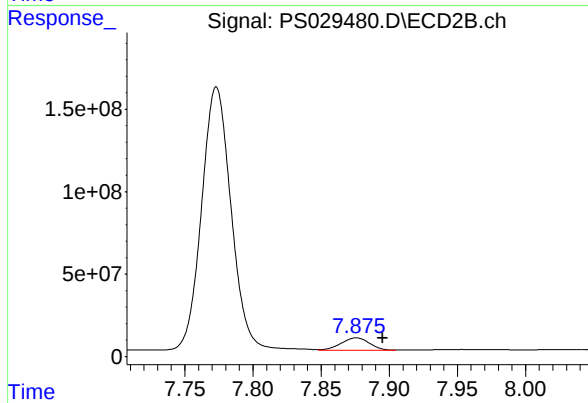
#5 DICAMBA

R.T.: 7.773 min
Delta R.T.: -0.017 min
Response: 2407592982
Conc: 469.73 ng/ml



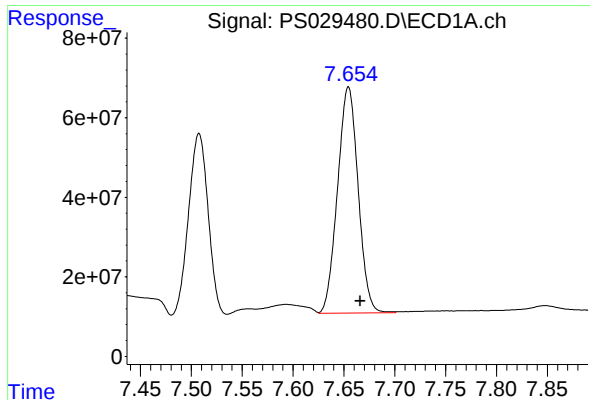
#6 MCPP

R.T.: 7.507 min
Delta R.T.: -0.011 min
Response: 634427611
Conc: 48.07 ug/ml m



#6 MCPP

R.T.: 7.876 min
Delta R.T.: -0.019 min
Response: 106653946
Conc: 46.15 ug/ml



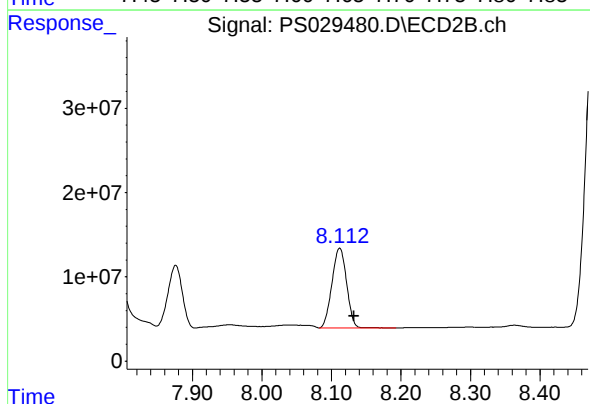
#7 MCPA

R.T.: 7.654 min
Delta R.T.: -0.012 min
Response: 801698326
Conc: 46.51 ug/ml

Instrument :
ECD_S
ClientSampleId :
PB167229BS

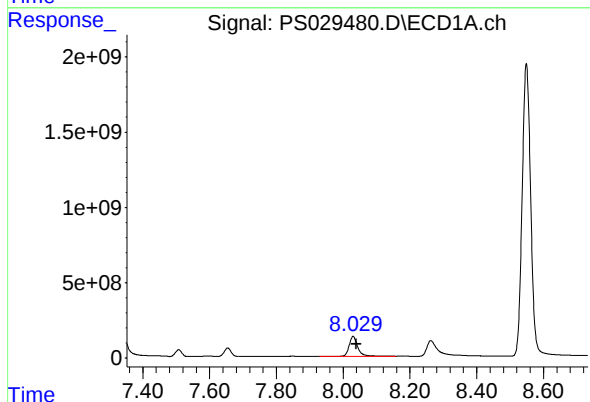
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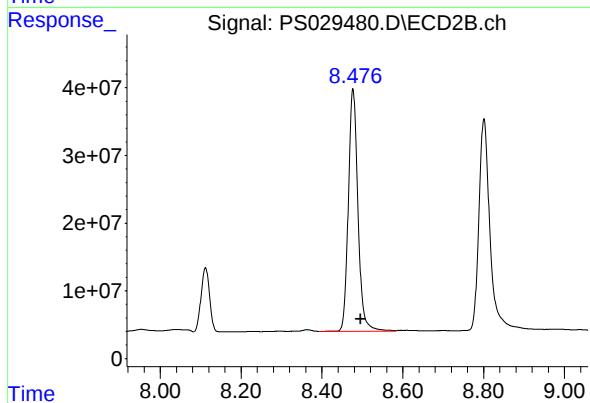
#7 MCPA

R.T.: 8.112 min
Delta R.T.: -0.021 min
Response: 138448233
Conc: 46.13 ug/ml



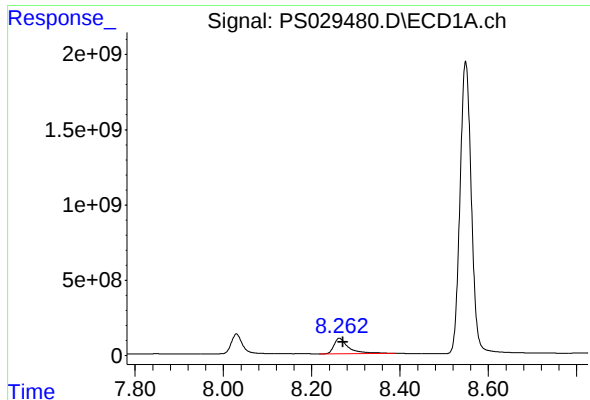
#8 DICHLORPROP

R.T.: 8.030 min
Delta R.T.: -0.009 min
Response: 2392572290
Conc: 518.14 ng/ml



#8 DICHLORPROP

R.T.: 8.477 min
Delta R.T.: -0.019 min
Response: 588819301
Conc: 486.51 ng/ml



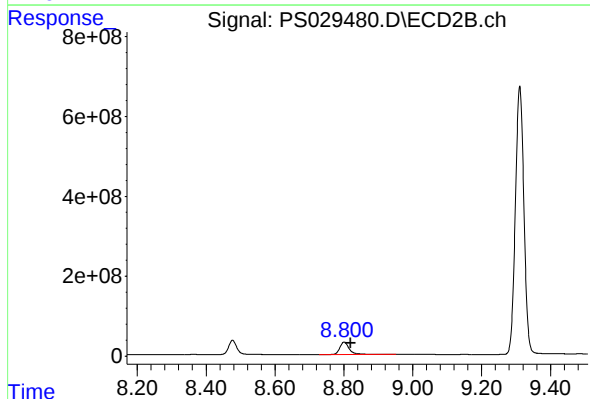
#9 2,4-D

R.T.: 8.263 min
Delta R.T.: -0.008 min
Response: 2367485374
Conc: 523.37 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167229BS

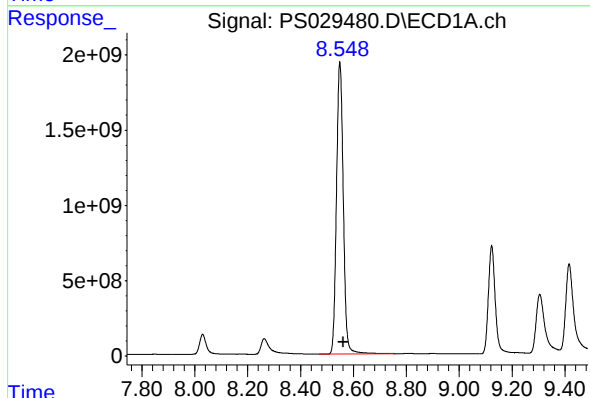
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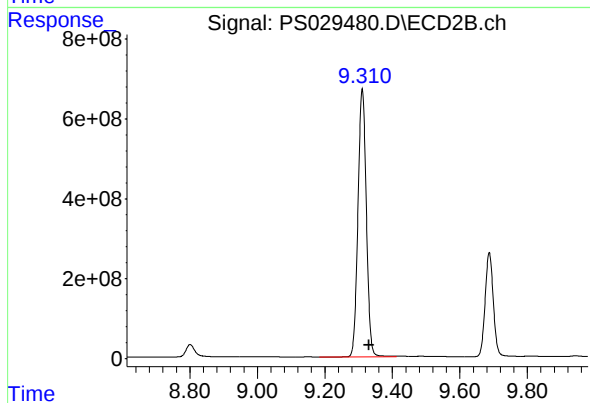
#9 2,4-D

R.T.: 8.801 min
Delta R.T.: -0.019 min
Response: 590751150
Conc: 491.98 ng/ml



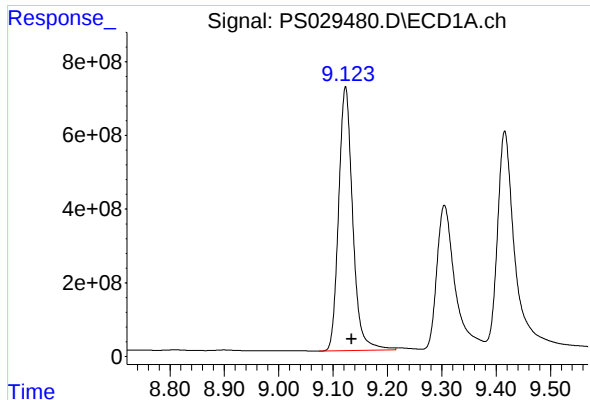
#10 Pentachlorophenol

R.T.: 8.549 min
Delta R.T.: -0.014 min
Response: 34596292433
Conc: 616.45 ng/ml



#10 Pentachlorophenol

R.T.: 9.311 min
Delta R.T.: -0.020 min
Response: 11582643754
Conc: 499.42 ng/ml



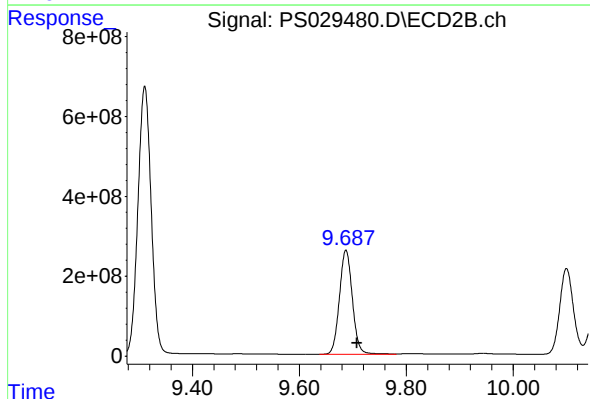
#11 2,4,5-TP (SILVEX)

R.T.: 9.123 min
Delta R.T.: -0.011 min
Response: 12886860367
Conc: 521.58 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167229BS

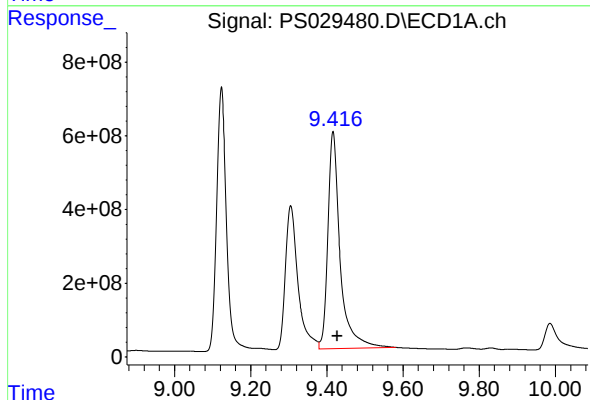
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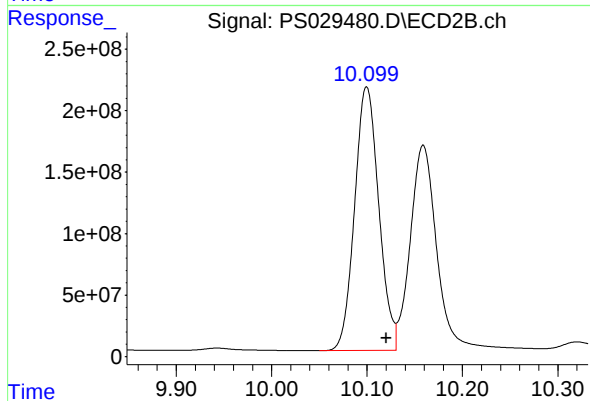
#11 2,4,5-TP (SILVEX)

R.T.: 9.687 min
Delta R.T.: -0.020 min
Response: 4401459293
Conc: 489.91 ng/ml



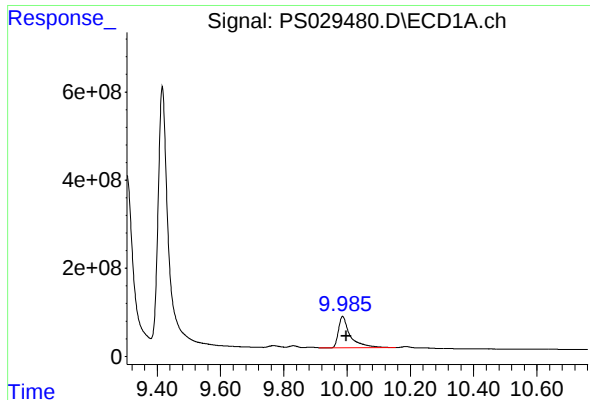
#12 2,4,5-T

R.T.: 9.416 min
Delta R.T.: -0.011 min
Response: 13226446434
Conc: 531.01 ng/ml



#12 2,4,5-T

R.T.: 10.100 min
Delta R.T.: -0.021 min
Response: 3780851263
Conc: 485.07 ng/ml



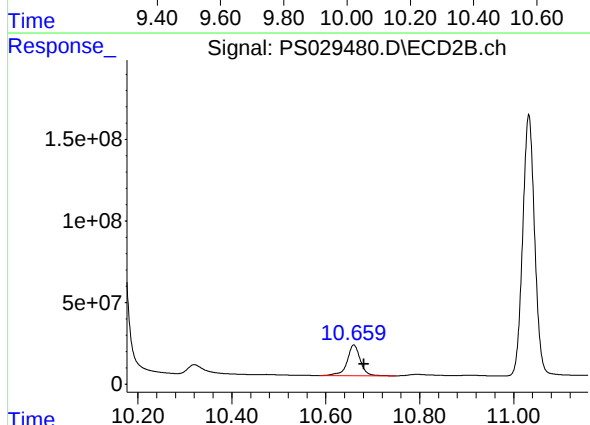
#13 2,4-DB

R.T.: 9.986 min
Delta R.T.: -0.011 min
Response: 1820848430
Conc: 498.12 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167229BS

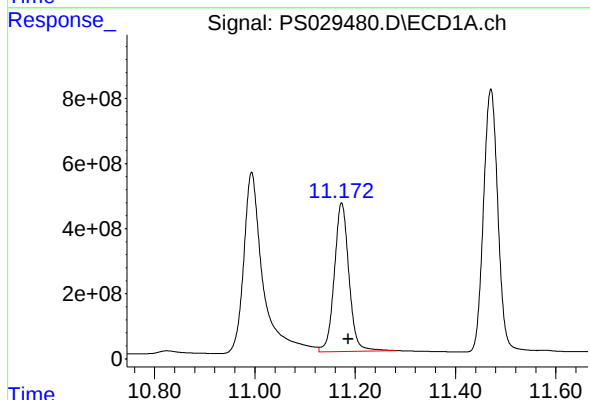
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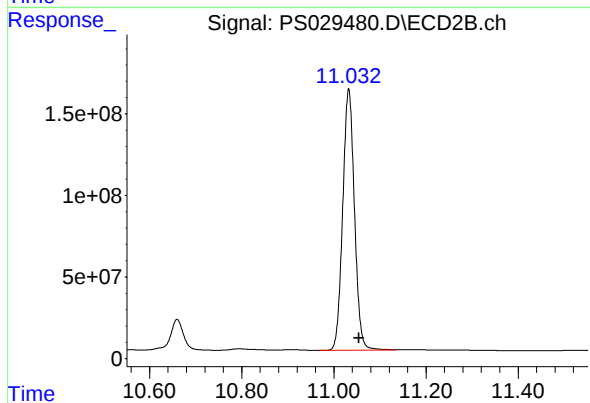
#13 2,4-DB

R.T.: 10.660 min
Delta R.T.: -0.022 min
Response: 364758107
Conc: 484.73 ng/ml



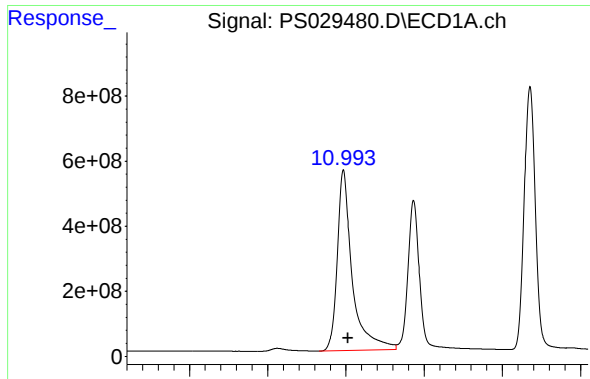
#14 DINOSEB

R.T.: 11.173 min
Delta R.T.: -0.013 min
Response: 9232928026
Conc: 530.41 ng/ml



#14 DINOSEB

R.T.: 11.032 min
Delta R.T.: -0.022 min
Response: 2835179920
Conc: 491.21 ng/ml



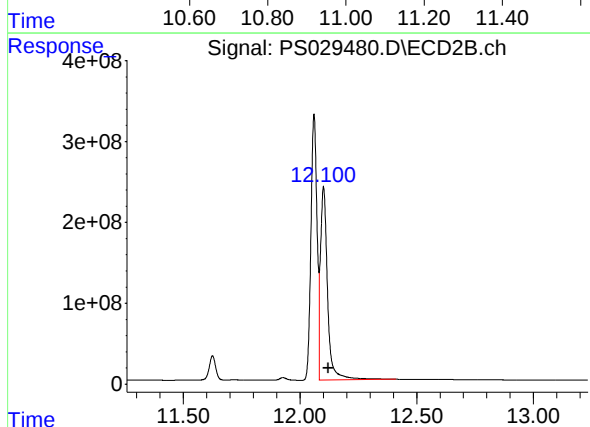
#15 Picloram

R.T.: 10.993 min
Delta R.T.: -0.012 min
Response: 14778339853
Conc: 490.57 ng/ml

Instrument :
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ClientSampleId :
PB167229BS

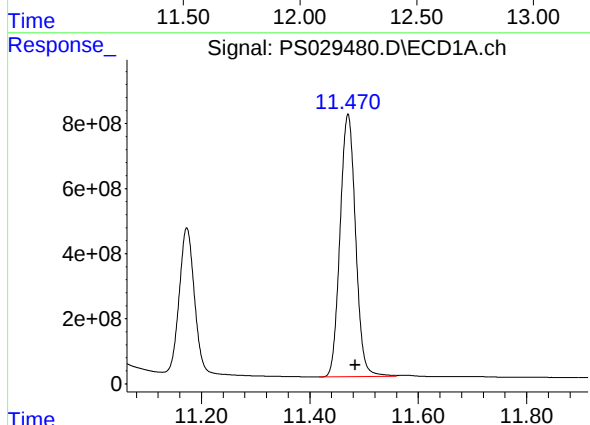
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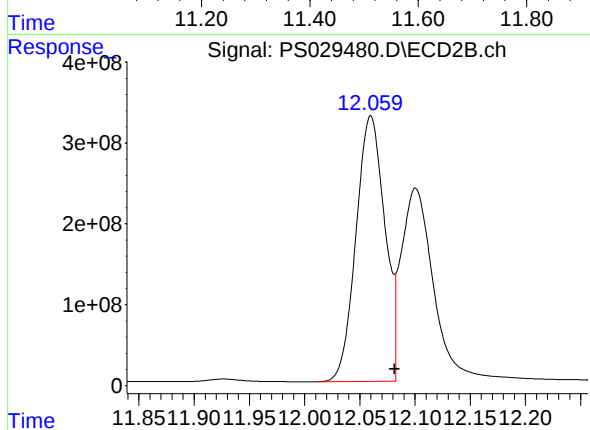
#15 Picloram

R.T.: 12.100 min
Delta R.T.: -0.021 min
Response: 5119762127
Conc: 451.12 ng/ml



#16 DCPA

R.T.: 11.470 min
Delta R.T.: -0.013 min
Response: 16050414736
Conc: 535.80 ng/ml m



#16 DCPA

R.T.: 12.059 min
Delta R.T.: -0.022 min
Response: 5938037677
Conc: 496.65 ng/ml m