

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS042125\
 Data File : PS029890.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Apr 2025 23:18
 Operator : AR\AJ
 Sample : PB167665BS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PB167665BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/22/2025
 Supervised By : mohammad ahmed 04/23/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 22 03:50:16 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS040225.M
 Quant Title : 8080.M
 QLast Update : Wed Apr 02 23:52:55 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	6.945	7.472	1059.2E6	334.7E6	519.513	491.134
Target Compounds							
1) T	Dalapon	2.454	2.530	1731.8E6	702.2E6	510.509	442.276
2) T	3,5-DICHL...	6.149	6.467	1562.4E6	425.4E6	519.469	440.614
3) T	4-Nitroph...	6.735	7.006	725.3E6	319.4E6	516.313	450.530
5) T	DICAMBA	7.122	7.658	4233.7E6	1713.0E6	508.738	463.798
6) T	MCP	7.299	7.764	254.2E6	71868290	46.910	42.564
7) T	MCPA	7.441	7.994	356.4E6	97638089	49.036m	42.913
8) T	DICHLORPROP	7.802	8.352	1065.8E6	453.8E6	484.575	469.662
9) T	2,4-D	8.023	8.666	1205.1E6	498.0E6	500.141	461.750
10) T	Pentachlo...	8.301	9.168	15270.5E6	9136.1E6	502.235	509.607
11) T	2,4,5-TP ...	8.866	9.547	5964.7E6	3609.8E6	513.521	500.461
12) T	2,4,5-T	9.148	9.952	6060.0E6	3399.5E6	526.752	507.170
13) T	2,4-DB	9.706	10.511	988.1E6	353.4E6	543.874	476.346
14) T	DINOSEB	10.871	10.885	4343.5E6	2480.4E6	514.508	485.134
15) T	Picloram	10.689	11.925	7249.8E6	4341.9E6	467.719	367.200m
16) T	DCPA	11.172	11.916	7466.6E6	6089.5E6	534.623	688.028m#

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS042125\
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Acq On : 21 Apr 2025 23:18
Operator : AR\AJ
Sample : PB167665BS
Misc :
ALS Vial : 21 Sample Multiplier: 1

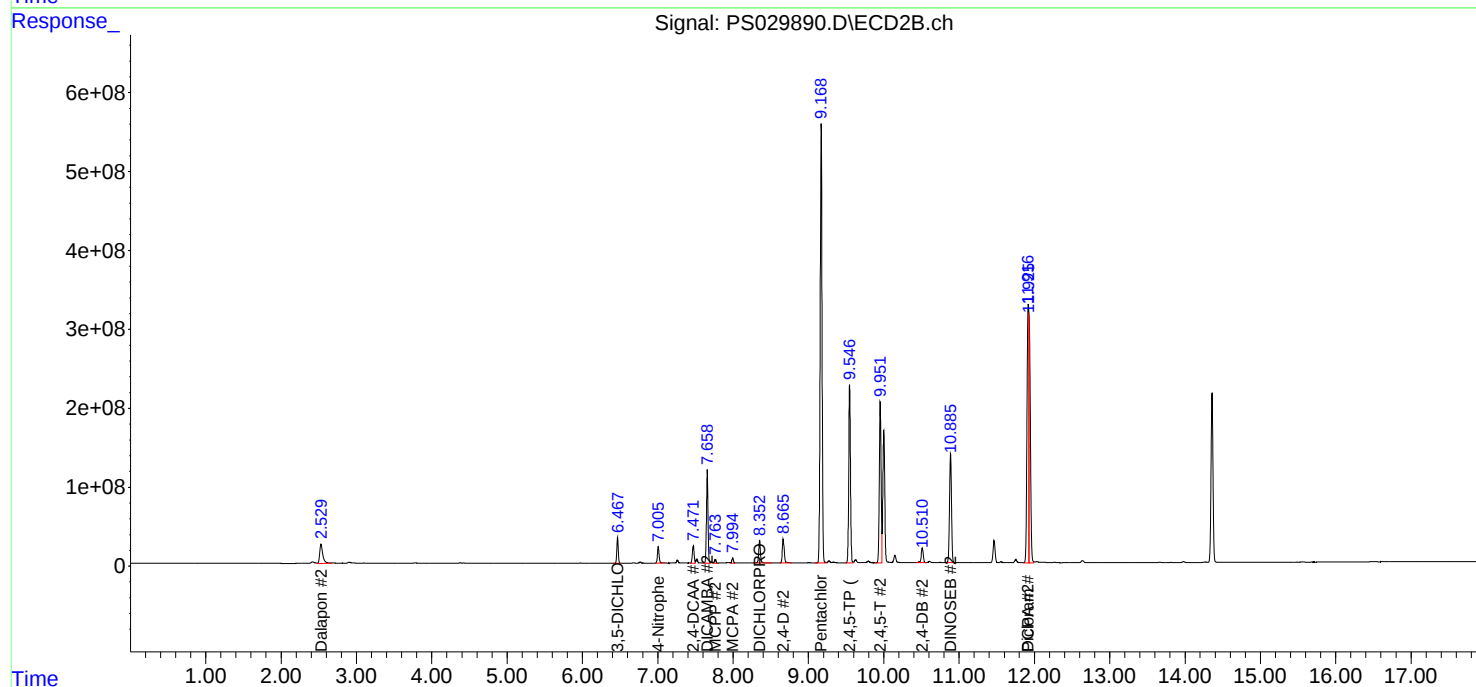
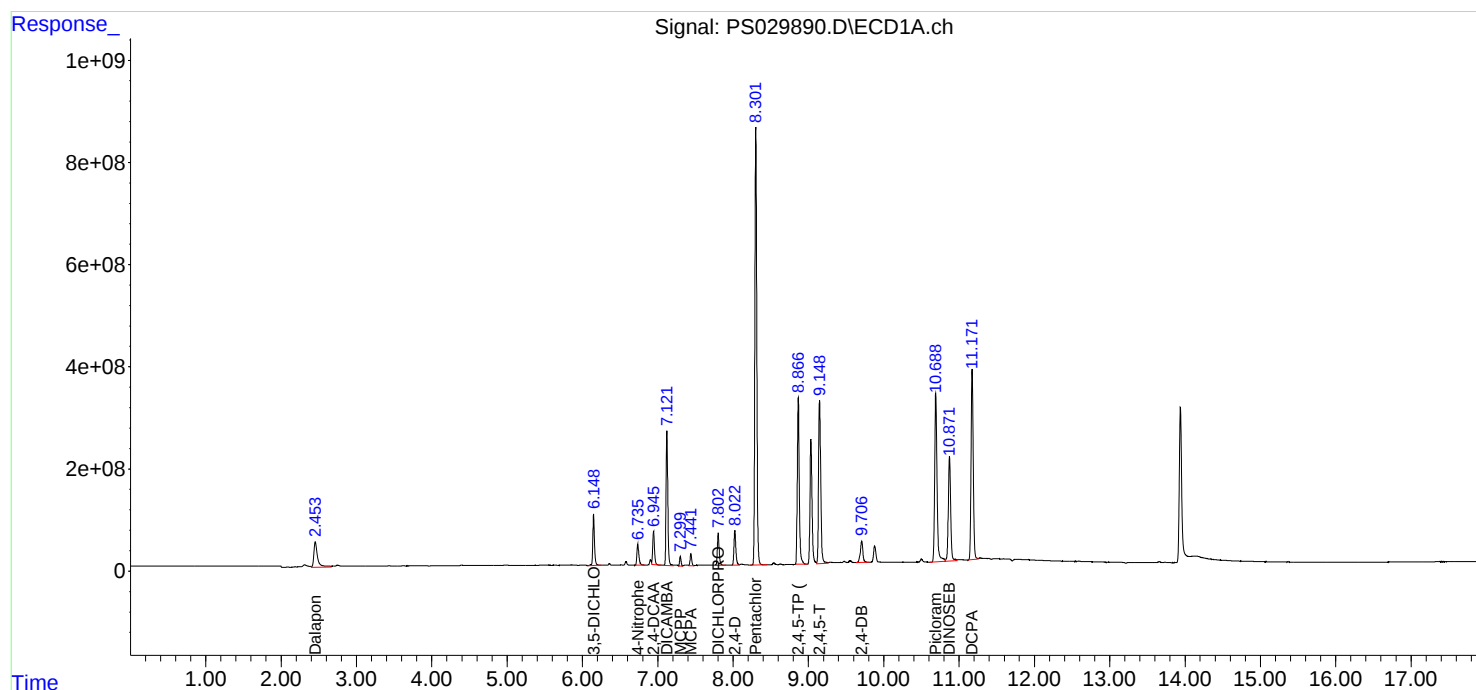
Instrument :
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ClientSampleId :
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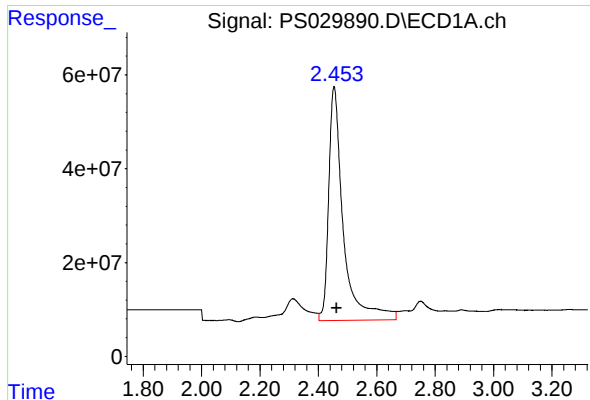
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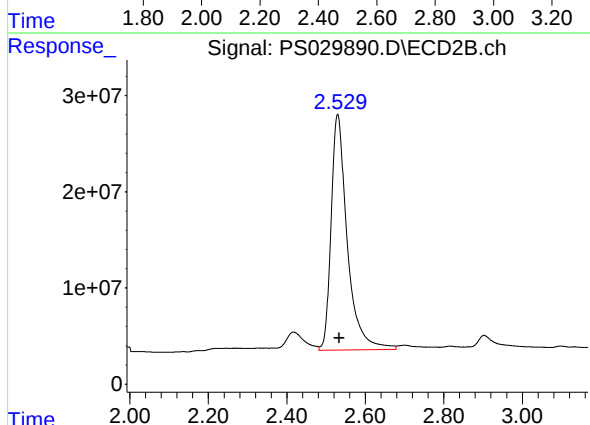
#1 Dalapon

R.T.: 2.454 min
Delta R.T.: -0.009 min
Response: 1731848891
Conc: 510.51 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167665BS

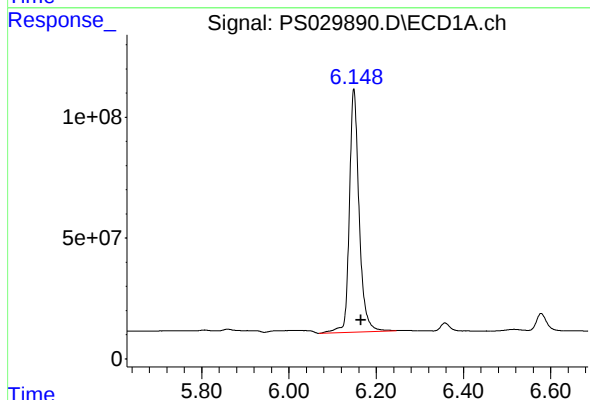
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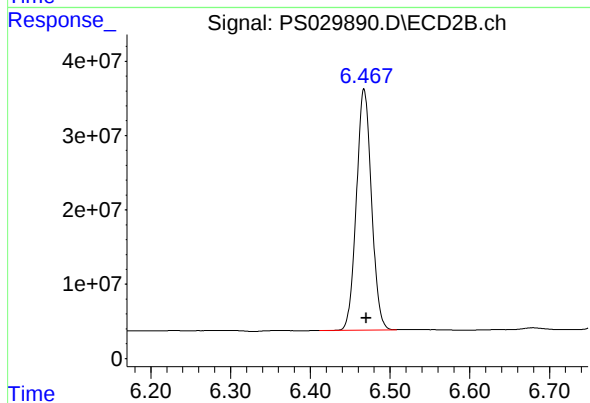
#1 Dalapon

R.T.: 2.530 min
Delta R.T.: -0.003 min
Response: 702154729
Conc: 442.28 ng/ml



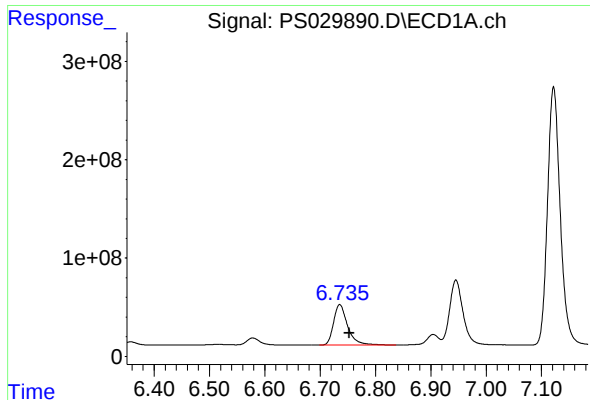
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.149 min
Delta R.T.: -0.016 min
Response: 1562436400
Conc: 519.47 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.467 min
Delta R.T.: -0.003 min
Response: 425438148
Conc: 440.61 ng/ml



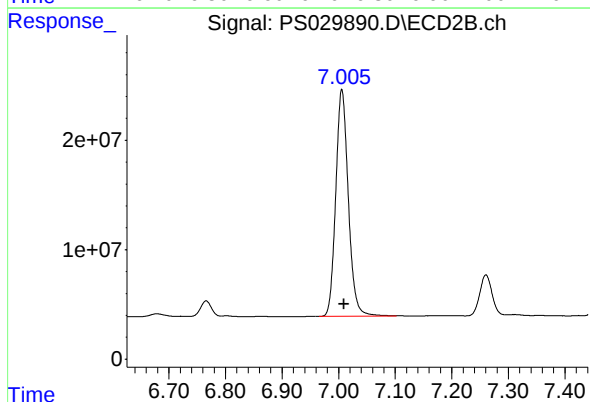
#3 4-Nitrophenol

R.T.: 6.735 min
Delta R.T.: -0.018 min
Response: 725315501
Conc: 516.31 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167665BS

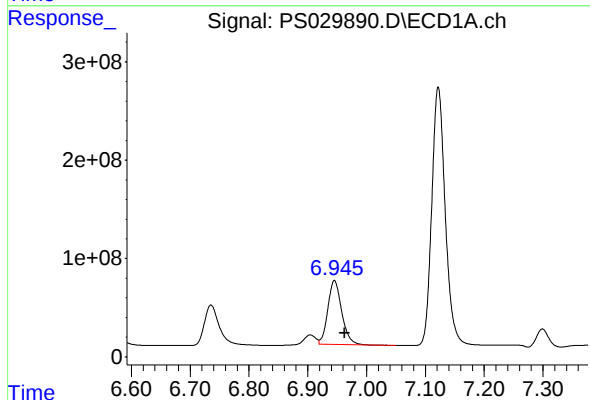
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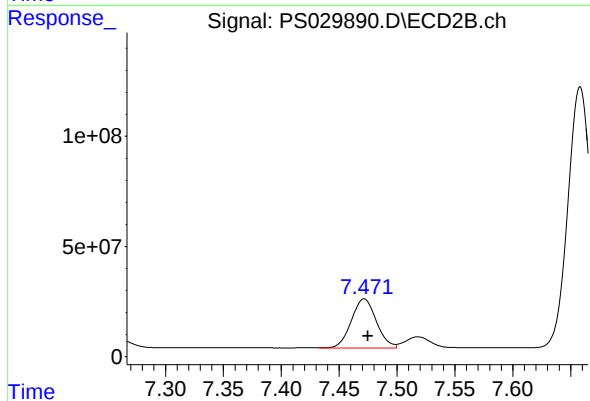
#3 4-Nitrophenol

R.T.: 7.006 min
Delta R.T.: -0.004 min
Response: 319425316
Conc: 450.53 ng/ml



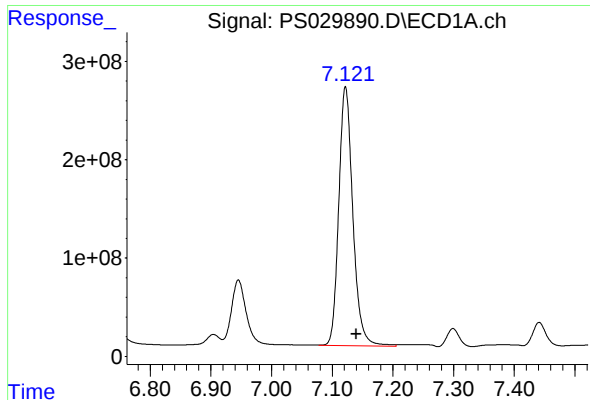
#4 2,4-DCAA

R.T.: 6.945 min
Delta R.T.: -0.017 min
Response: 1059199277
Conc: 519.51 ng/ml



#4 2,4-DCAA

R.T.: 7.472 min
Delta R.T.: -0.003 min
Response: 334713992
Conc: 491.13 ng/ml



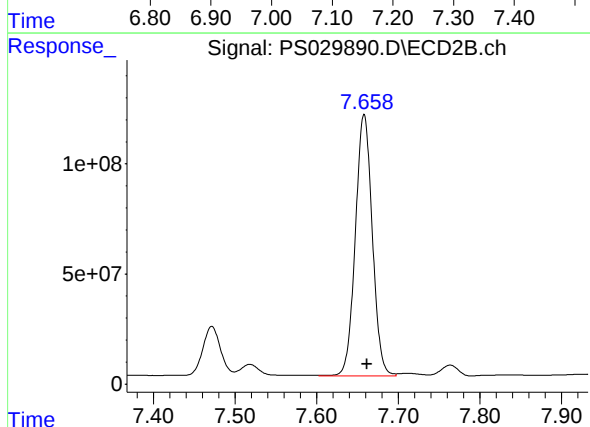
#5 DICAMBA

R.T.: 7.122 min
Delta R.T.: -0.018 min
Response: 4233684032
Conc: 508.74 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167665BS

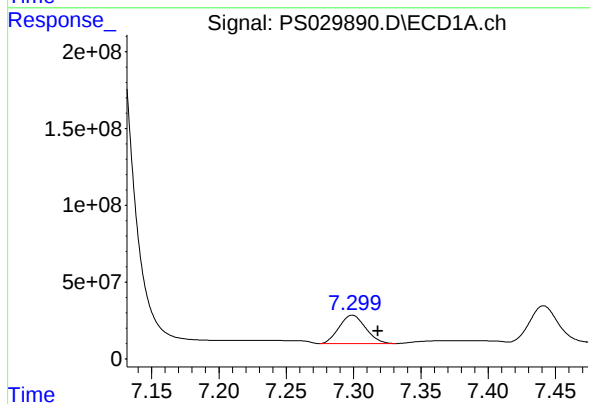
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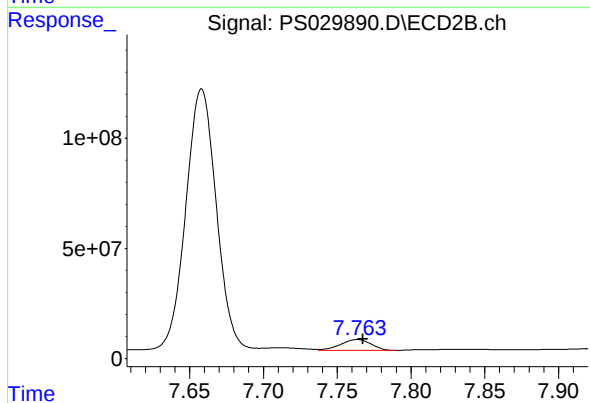
#5 DICAMBA

R.T.: 7.658 min
Delta R.T.: -0.004 min
Response: 1712975804
Conc: 463.80 ng/ml



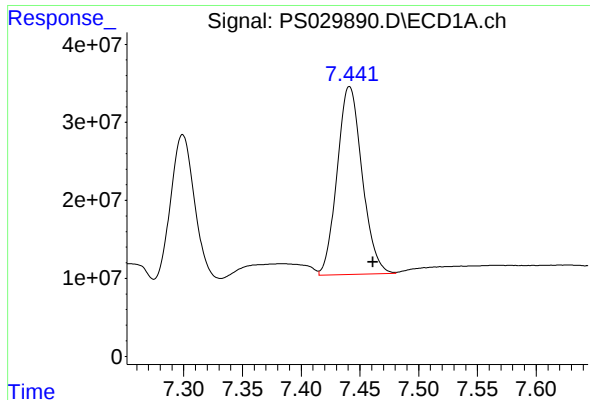
#6 MCPP

R.T.: 7.299 min
Delta R.T.: -0.019 min
Response: 254243286
Conc: 46.91 ug/ml



#6 MCPP

R.T.: 7.764 min
Delta R.T.: -0.004 min
Response: 71868290
Conc: 42.56 ug/ml



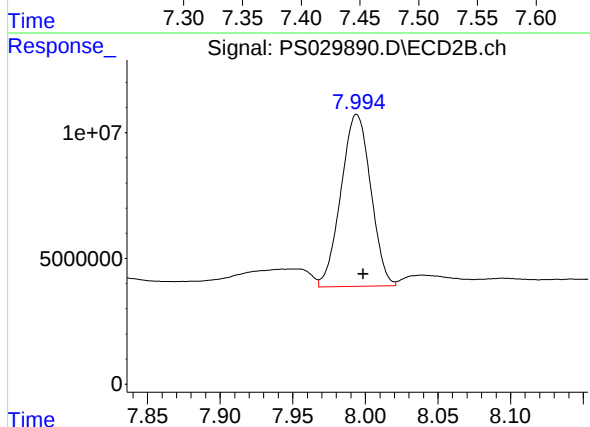
#7 MCPA

R.T.: 7.441 min
Delta R.T.: -0.020 min
Response: 356443978
Conc: 49.04 ug/ml

Instrument :
ECD_S
ClientSampleId :
PB167665BS

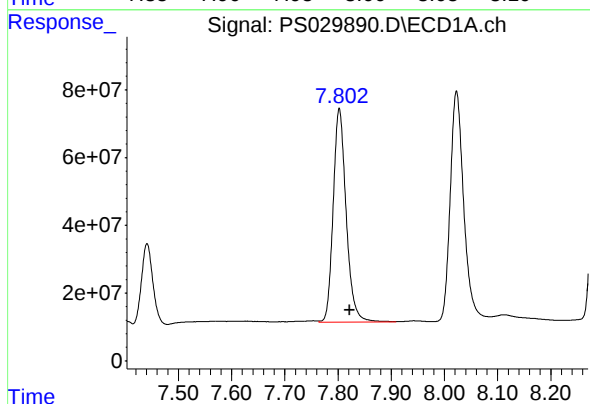
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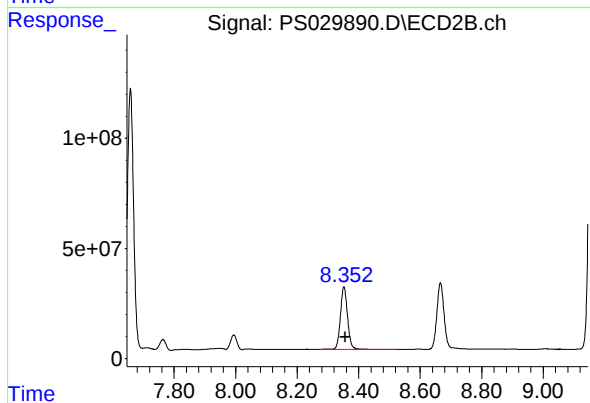
#7 MCPA

R.T.: 7.994 min
Delta R.T.: -0.005 min
Response: 97638089
Conc: 42.91 ug/ml



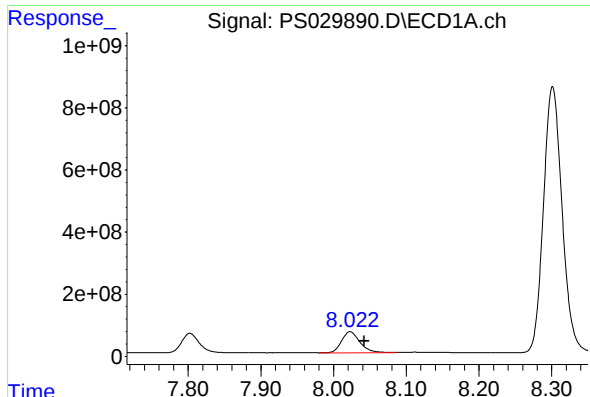
#8 DICHLORPROP

R.T.: 7.802 min
Delta R.T.: -0.019 min
Response: 1065793766
Conc: 484.58 ng/ml



#8 DICHLORPROP

R.T.: 8.352 min
Delta R.T.: -0.004 min
Response: 453764889
Conc: 469.66 ng/ml



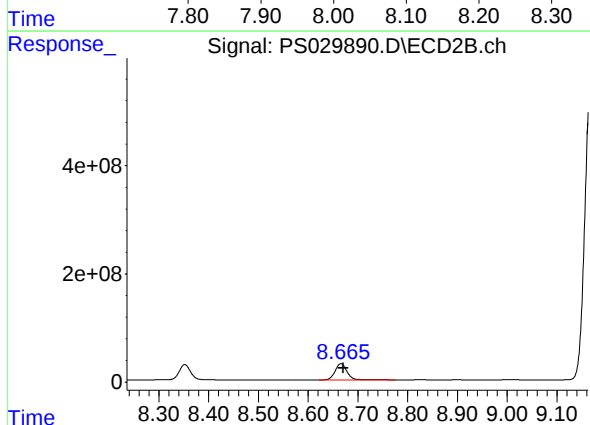
#9 2,4-D

R.T.: 8.023 min
Delta R.T.: -0.019 min
Response: 1205134366
Conc: 500.14 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167665BS

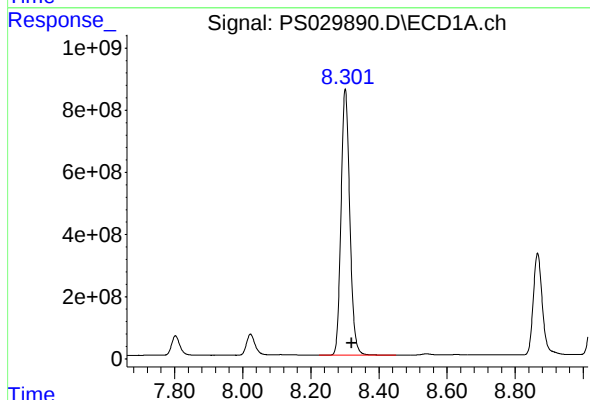
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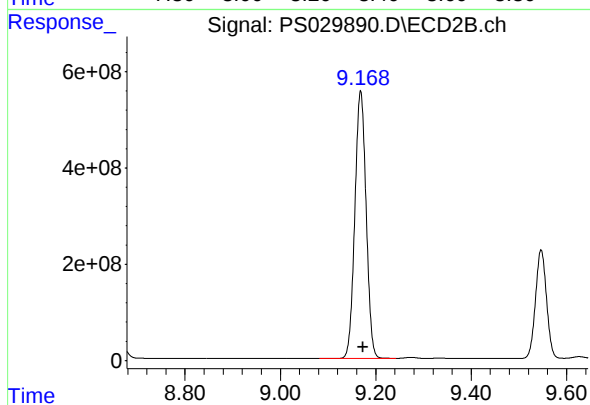
#9 2,4-D

R.T.: 8.666 min
Delta R.T.: -0.005 min
Response: 497981398
Conc: 461.75 ng/ml



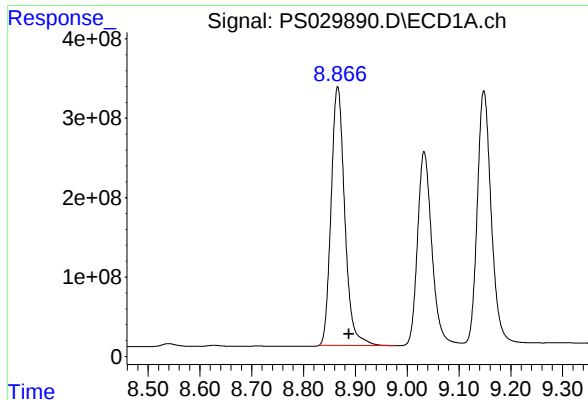
#10 Pentachlorophenol

R.T.: 8.301 min
Delta R.T.: -0.020 min
Response: 15270454688
Conc: 502.24 ng/ml



#10 Pentachlorophenol

R.T.: 9.168 min
Delta R.T.: -0.005 min
Response: 9136098585
Conc: 509.61 ng/ml



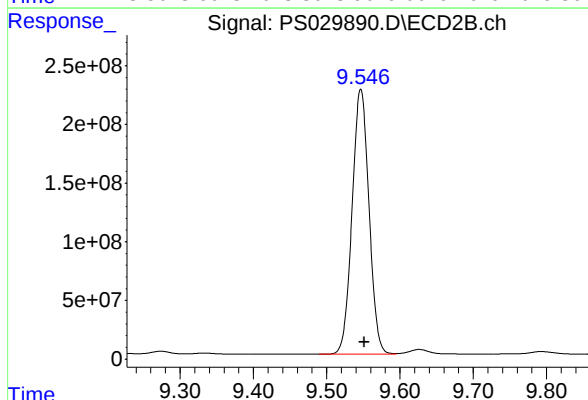
#11 2,4,5-TP (SILVEX)

R.T.: 8.866 min
Delta R.T.: -0.022 min
Response: 5964726650
Conc: 513.52 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167665BS

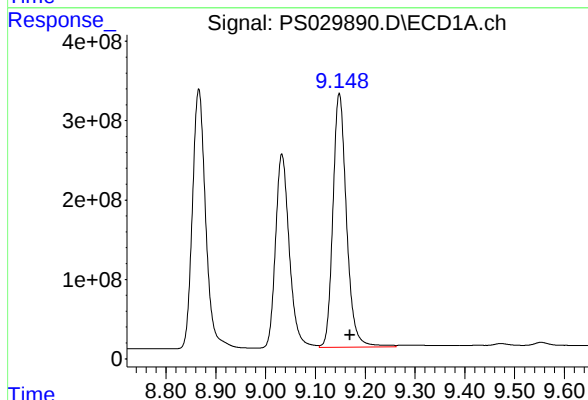
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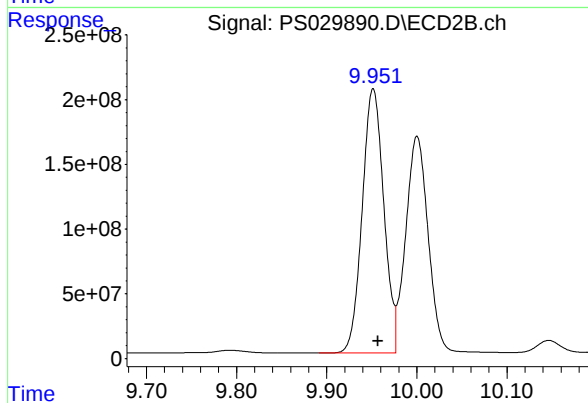
#11 2,4,5-TP (SILVEX)

R.T.: 9.547 min
Delta R.T.: -0.005 min
Response: 3609805789
Conc: 500.46 ng/ml



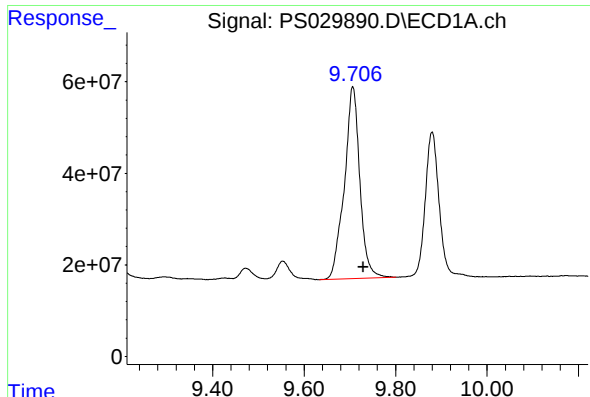
#12 2,4,5-T

R.T.: 9.148 min
Delta R.T.: -0.022 min
Response: 6059974622
Conc: 526.75 ng/ml



#12 2,4,5-T

R.T.: 9.952 min
Delta R.T.: -0.005 min
Response: 3399475461
Conc: 507.17 ng/ml



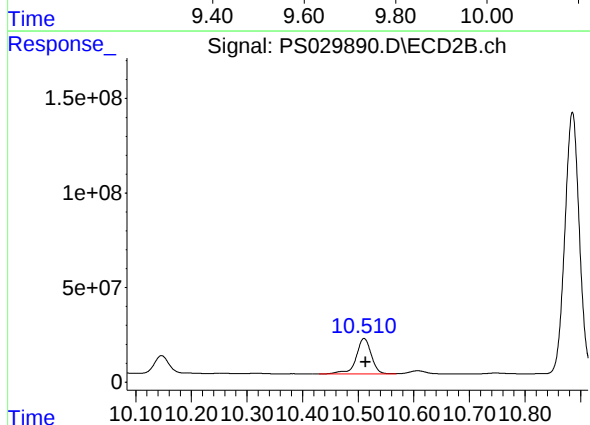
#13 2,4-DB

R.T.: 9.706 min
Delta R.T.: -0.023 min
Response: 988080253
Conc: 543.87 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167665BS

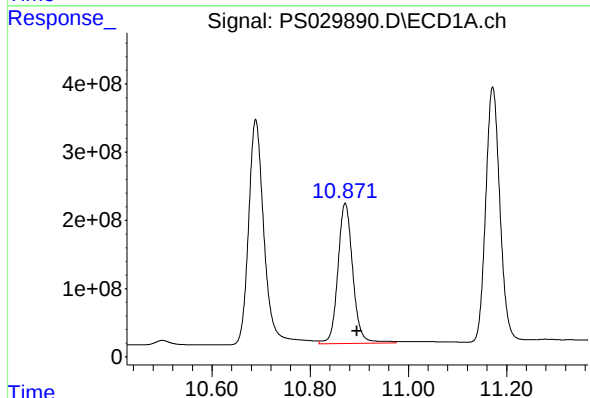
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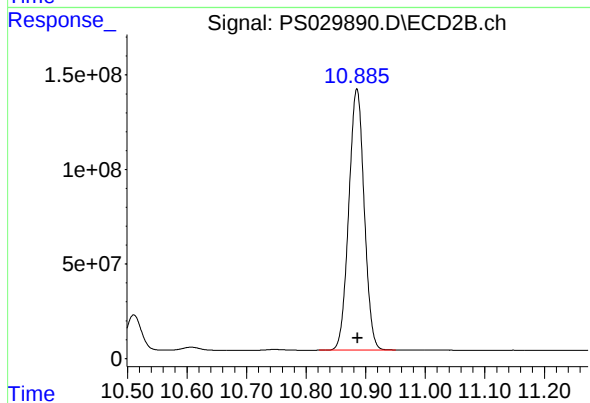
#13 2,4-DB

R.T.: 10.511 min
Delta R.T.: -0.003 min
Response: 353437108
Conc: 476.35 ng/ml



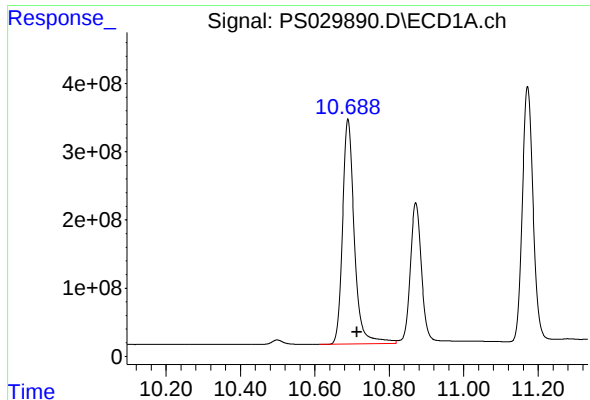
#14 DINOSEB

R.T.: 10.871 min
Delta R.T.: -0.024 min
Response: 4343494831
Conc: 514.51 ng/ml



#14 DINOSEB

R.T.: 10.885 min
Delta R.T.: -0.001 min
Response: 2480394069
Conc: 485.13 ng/ml



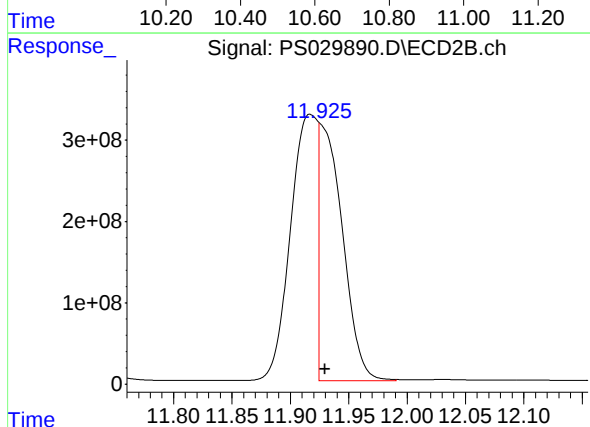
#15 Picloram

R.T.: 10.689 min
Delta R.T.: -0.024 min
Response: 7249824566
Conc: 467.72 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167665BS

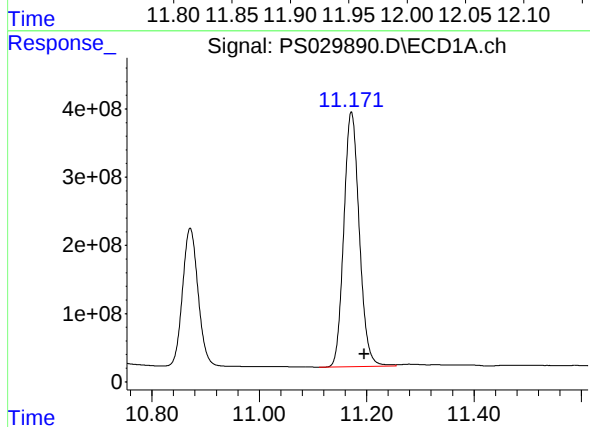
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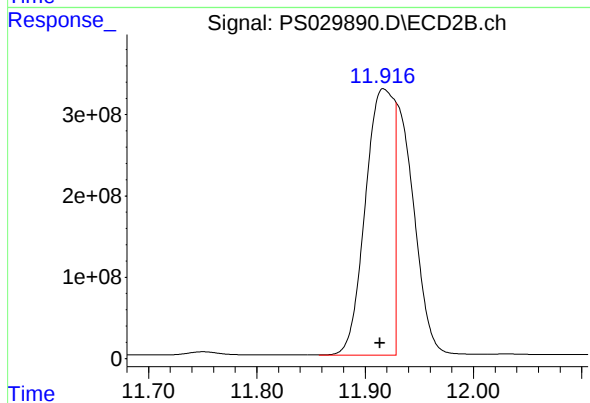
#15 Picloram

R.T.: 11.925 min
Delta R.T.: -0.005 min
Response: 4341934222
Conc: 367.20 ng/ml m



#16 DCPA

R.T.: 11.172 min
Delta R.T.: -0.024 min
Response: 7466602262
Conc: 534.62 ng/ml



#16 DCPA

R.T.: 11.916 min
Delta R.T.: 0.003 min
Response: 6089501919
Conc: 688.03 ng/ml m