

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS050625\
 Data File : PS030063.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 May 2025 15:52
 Operator : AR\AJ
 Sample : Q1901-08MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 B-167-SB01MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/07/2025
 Supervised By :mohammad ahmed 05/08/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 07 01:57:31 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS042325.M
 Quant Title : 8080.M
 QLast Update : Wed Apr 23 12:57:40 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	6.939	7.461	1698.5E6	406.7E6	690.157	577.297
Target Compounds						
1) T Dalapon	2.447	2.522	1736.4E6	907.4E6	423.991	522.654m
2) T 3,5-DICHL...	6.142	6.458	2061.3E6	575.5E6	576.787	588.668m
3) T 4-Nitroph...	6.732	6.997	10707654	5381930	6.004m	7.027m
5) T DICAMBA	7.114	7.647	5005.3E6	2264.0E6	505.442	573.163
6) T MCPP	7.291	7.754	349.3E6	87539688	54.207m	50.053
7) T MCPA	7.434	7.983	421.8E6	120.0E6	47.760	50.732m
8) T DICHLORPROP	7.794	8.340	1393.0E6	689.4E6	549.681	686.682m
9) T 2,4-D	8.014	8.652	1805.3E6	717.7E6	641.806	636.803
10) T Pentachlo...	8.292	9.154	19049.9E6	11319.7E6	546.078	556.393
11) T 2,4,5-TP ...	8.856	9.532	8440.1E6	5185.4E6	608.829	633.780
12) T 2,4,5-T	9.138	9.937	8280.5E6	4625.1E6	589.233	595.822
13) T 2,4-DB	9.697	10.494	1079.4E6	444.1E6	472.316m	551.736m
14) T DINOSEB	10.859	10.868	4194.5E6	2340.1E6	412.296	401.321
15) T Picloram	10.678	11.905	8756.5E6	5806.2E6	477.698	472.678m
16) T DCPA	11.160	11.900	9683.9E6	6317.2E6	568.937	560.450m

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

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Acq On : 06 May 2025 15:52
Operator : AR\AJ
Sample : Q1901-08MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

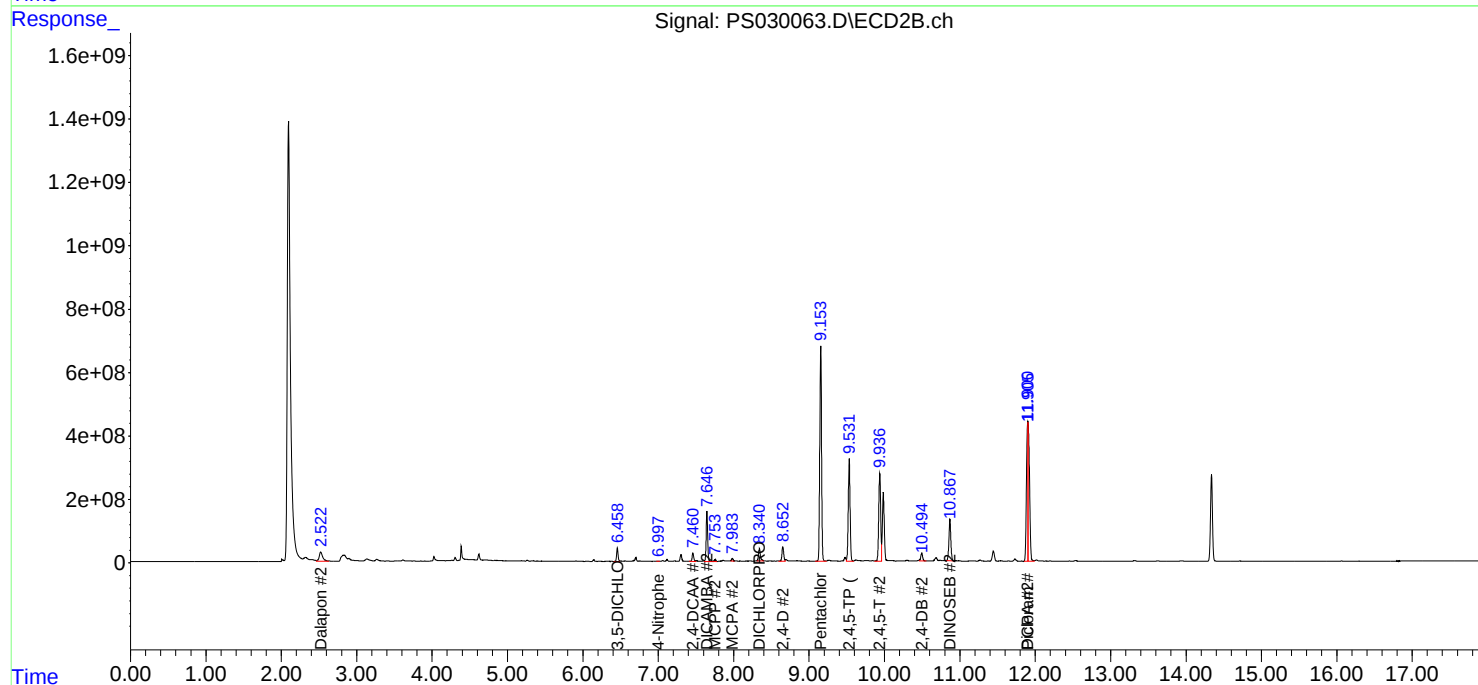
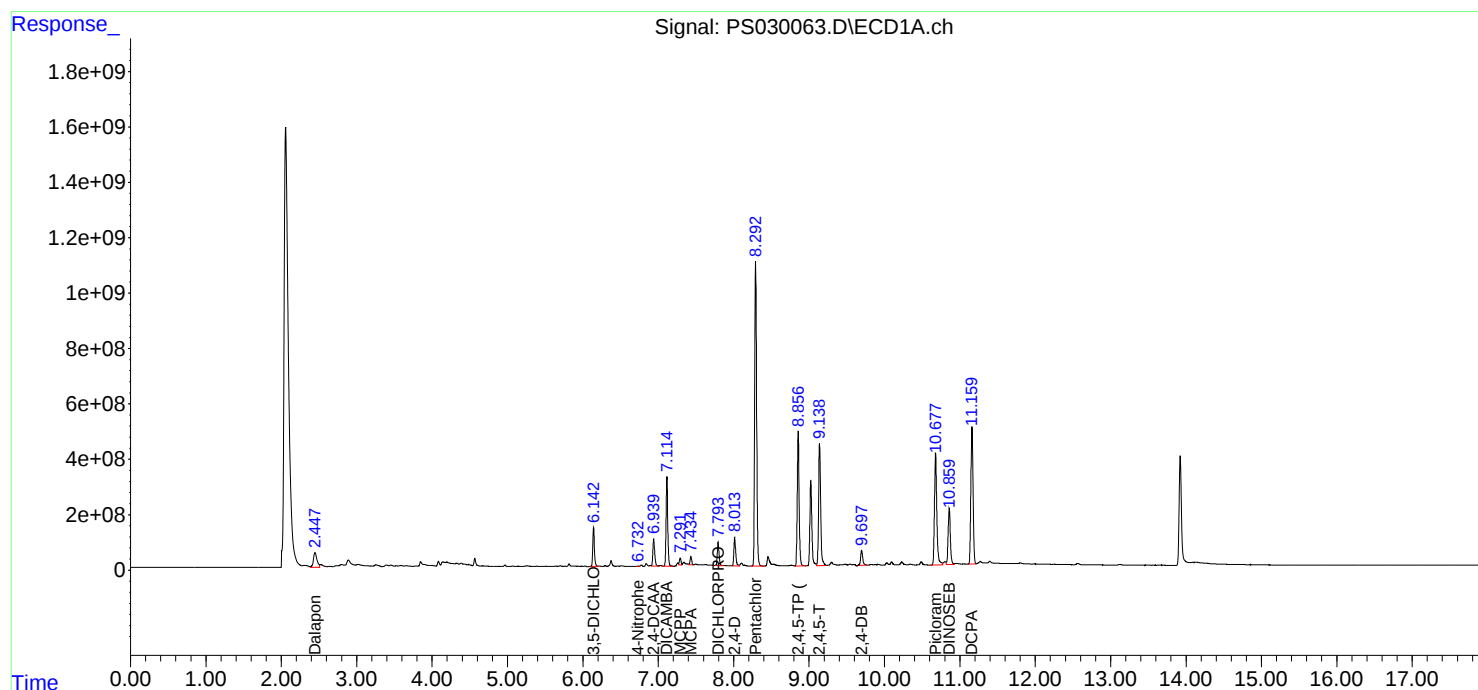
Instrument :
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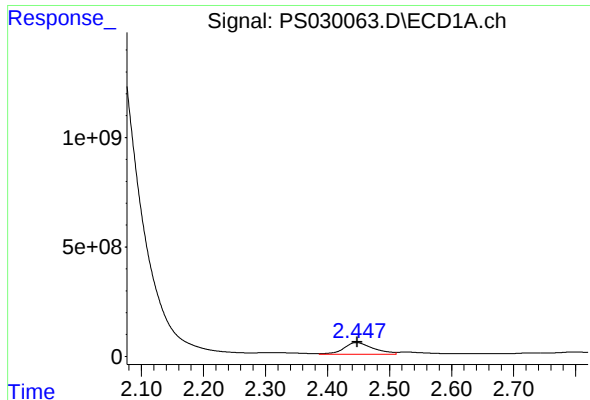
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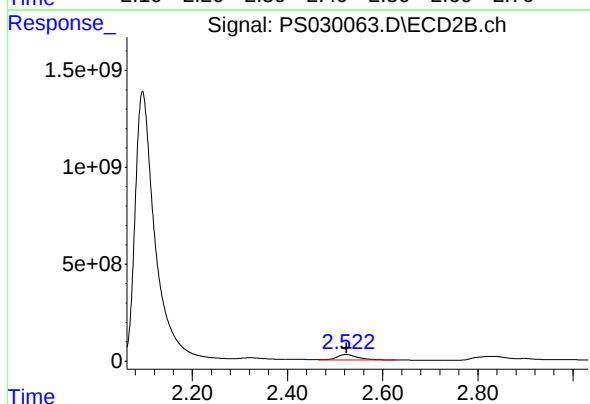
#1 Dalapon

R.T.: 2.447 min
Delta R.T.: -0.001 min
Response: 1736353449
Conc: 423.99 ng/ml

Instrument :
ECD_S
ClientSampleId :
B-167-SB01MS

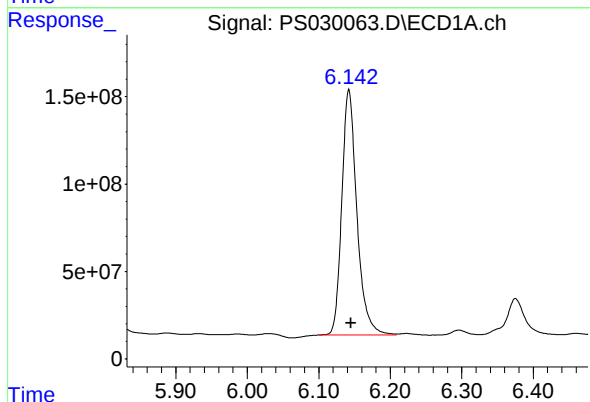
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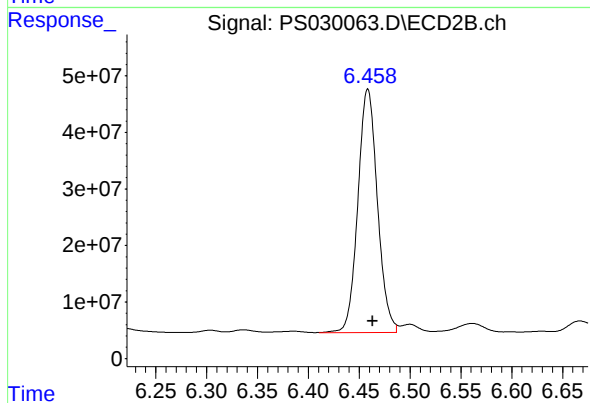
#1 Dalapon

R.T.: 2.522 min
Delta R.T.: -0.002 min
Response: 907402963
Conc: 522.65 ng/ml m



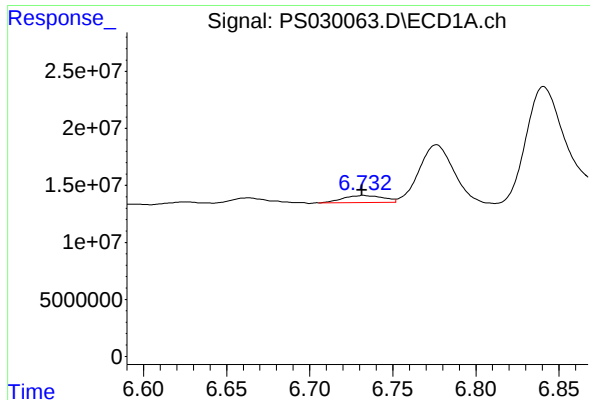
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.142 min
Delta R.T.: -0.003 min
Response: 2061313993
Conc: 576.79 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.458 min
Delta R.T.: -0.005 min
Response: 575469248
Conc: 588.67 ng/ml m



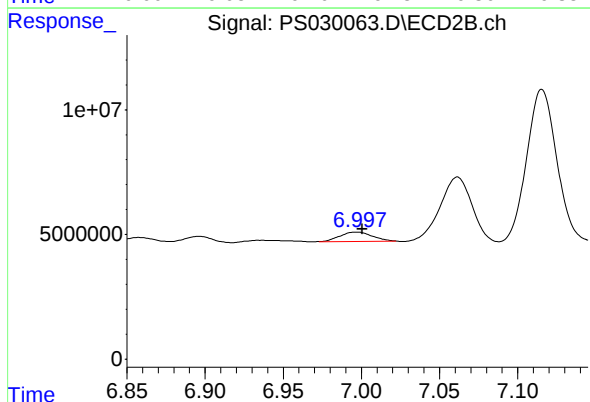
#3 4-Nitrophenol

R.T.: 6.732 min
Delta R.T.: 0.000 min
Response: 10707654
Conc: 6.00 ng/ml

Instrument :
ECD_S
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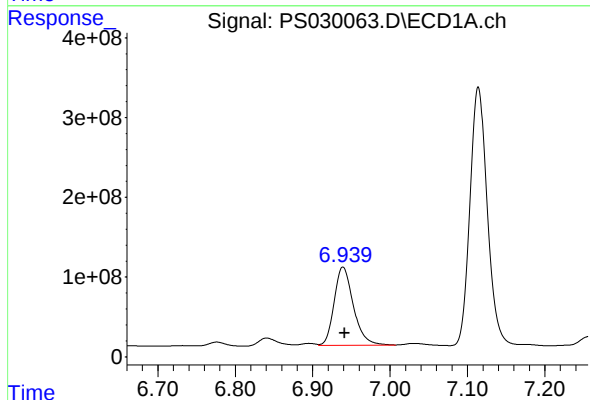
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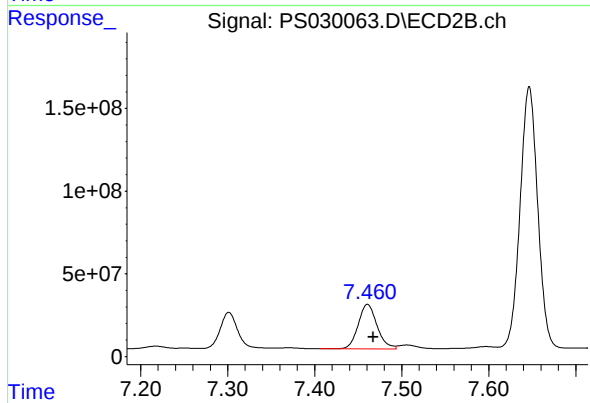
#3 4-Nitrophenol

R.T.: 6.997 min
Delta R.T.: -0.003 min
Response: 5381930
Conc: 7.03 ng/ml m



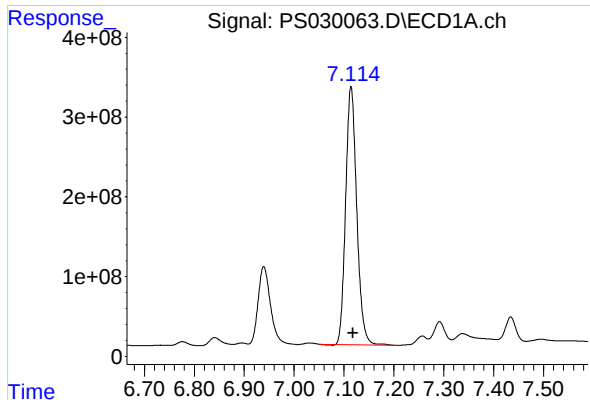
#4 2,4-DCAA

R.T.: 6.939 min
Delta R.T.: -0.002 min
Response: 1698530322
Conc: 690.16 ng/ml



#4 2,4-DCAA

R.T.: 7.461 min
Delta R.T.: -0.006 min
Response: 406715817
Conc: 577.30 ng/ml



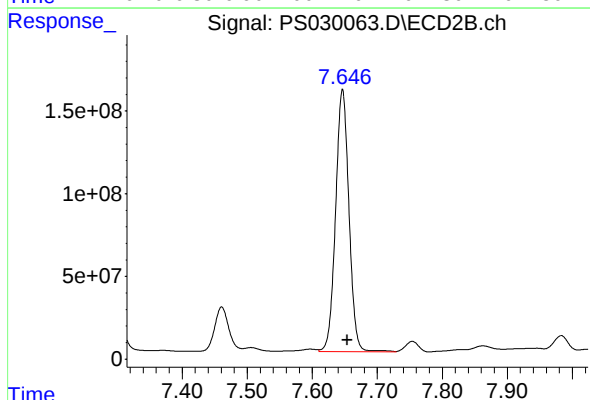
#5 DICAMBA

R.T.: 7.114 min
Delta R.T.: -0.004 min
Response: 5005322201
Conc: 505.44 ng/ml

Instrument :
ECD_S
ClientSampleId :
B-167-SB01MS

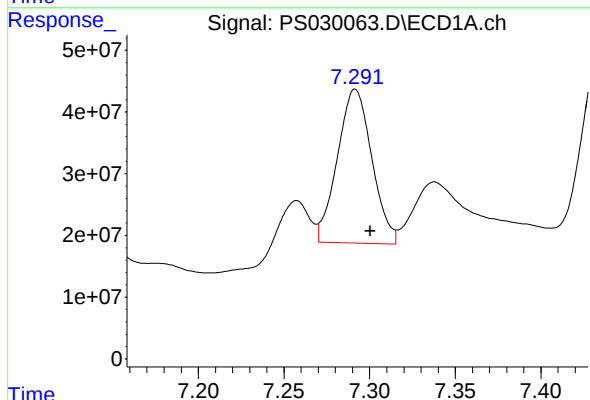
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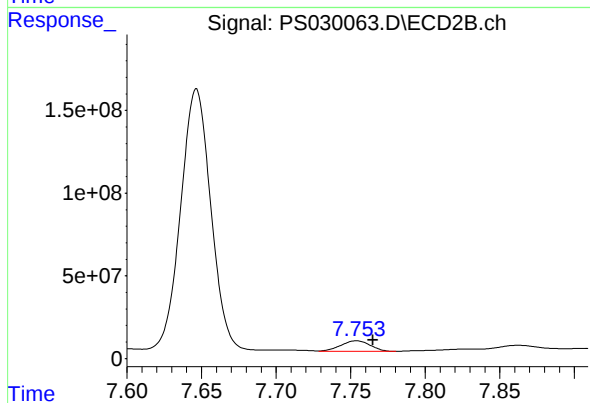
#5 DICAMBA

R.T.: 7.647 min
Delta R.T.: -0.007 min
Response: 2264031606
Conc: 573.16 ng/ml



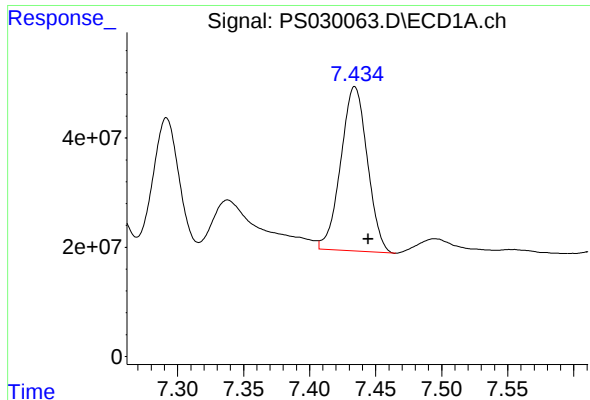
#6 MCPP

R.T.: 7.291 min
Delta R.T.: -0.009 min
Response: 349288181
Conc: 54.21 ug/ml m



#6 MCPP

R.T.: 7.754 min
Delta R.T.: -0.011 min
Response: 87539688
Conc: 50.05 ug/ml



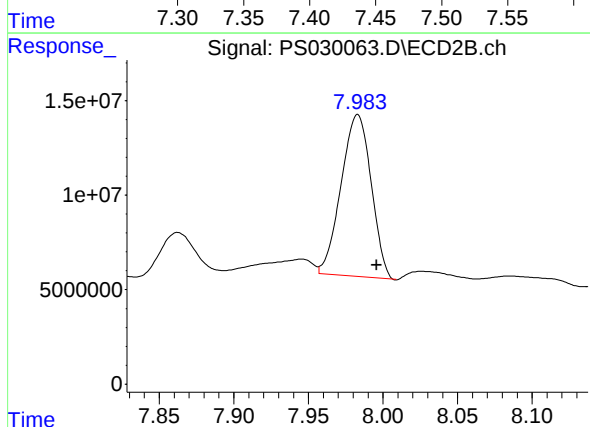
#7 MCPA

R.T.: 7.434 min
Delta R.T.: -0.010 min
Response: 421781485
Conc: 47.76 ug/ml

Instrument :
ECD_S
ClientSampleId :
B-167-SB01MS

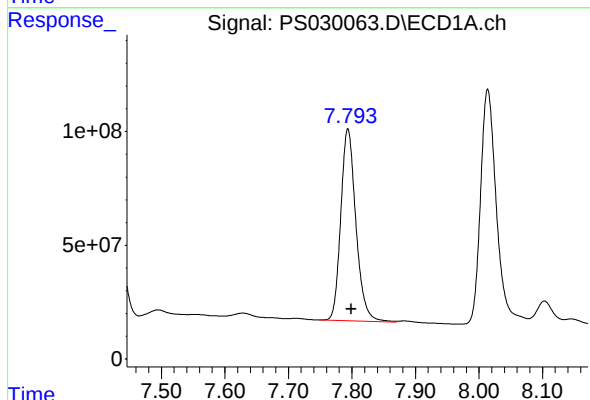
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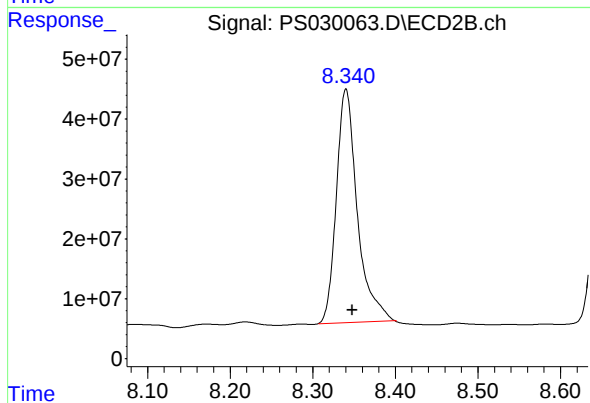
#7 MCPA

R.T.: 7.983 min
Delta R.T.: -0.013 min
Response: 120020886
Conc: 50.73 ug/ml



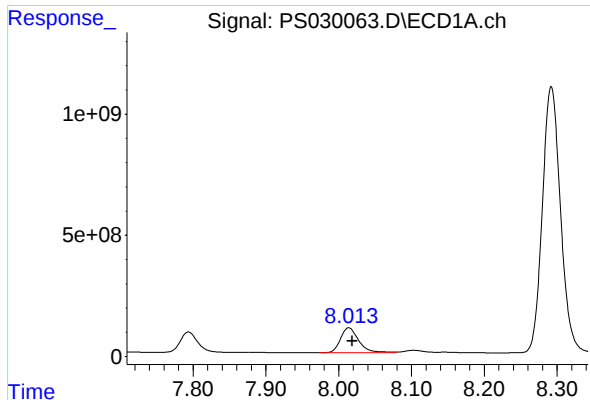
#8 DICHLORPROP

R.T.: 7.794 min
Delta R.T.: -0.005 min
Response: 1392950419
Conc: 549.68 ng/ml



#8 DICHLORPROP

R.T.: 8.340 min
Delta R.T.: -0.008 min
Response: 689404182
Conc: 686.68 ng/ml



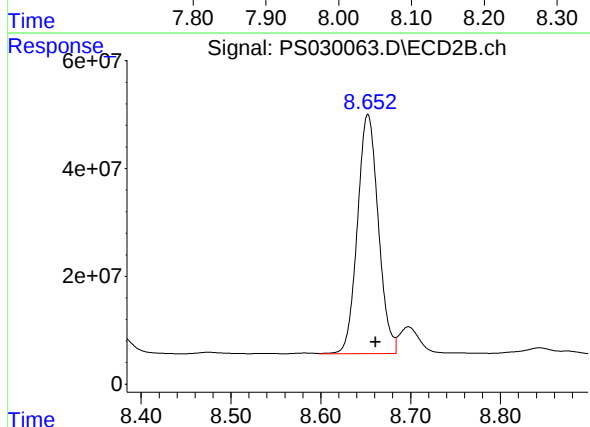
#9 2,4-D

R.T.: 8.014 min
Delta R.T.: -0.005 min
Response: 1805316779
Conc: 641.81 ng/ml

Instrument :
ECD_S
ClientSampleId :
B-167-SB01MS

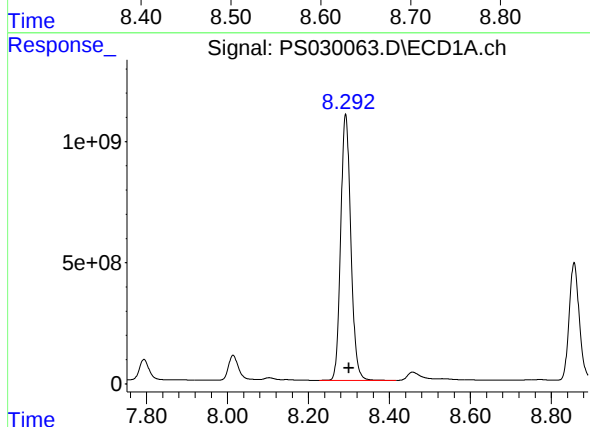
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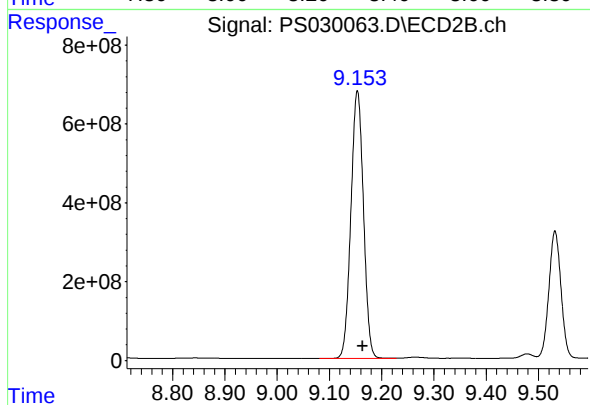
#9 2,4-D

R.T.: 8.652 min
Delta R.T.: -0.009 min
Response: 717745004
Conc: 636.80 ng/ml



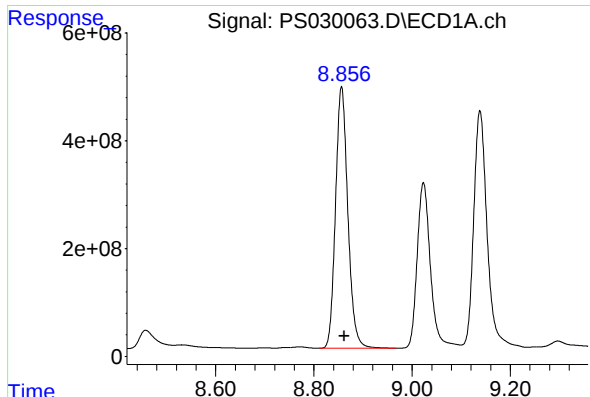
#10 Pentachlorophenol

R.T.: 8.292 min
Delta R.T.: -0.008 min
Response: 19049940691
Conc: 546.08 ng/ml



#10 Pentachlorophenol

R.T.: 9.154 min
Delta R.T.: -0.010 min
Response: 11319716626
Conc: 556.39 ng/ml



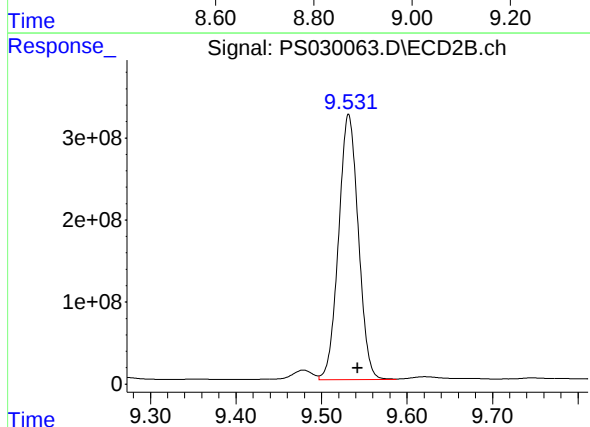
#11 2,4,5-TP (SILVEX)

R.T.: 8.856 min
Delta R.T.: -0.006 min
Response: 8440104667
Conc: 608.83 ng/ml

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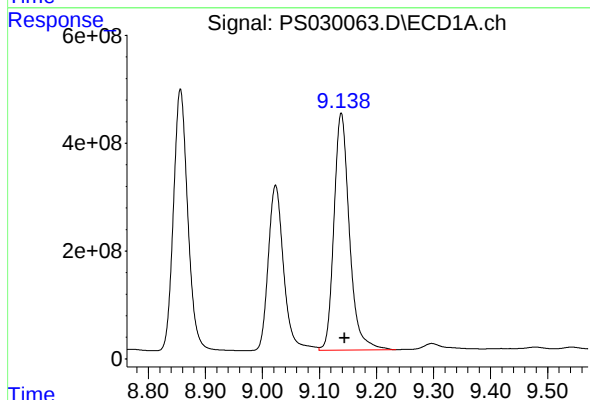
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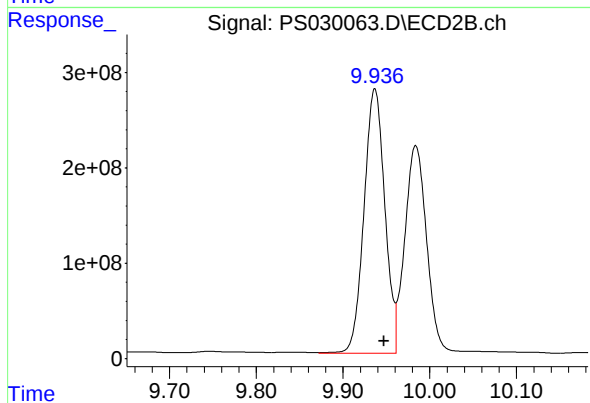
#11 2,4,5-TP (SILVEX)

R.T.: 9.532 min
Delta R.T.: -0.011 min
Response: 5185429820
Conc: 633.78 ng/ml



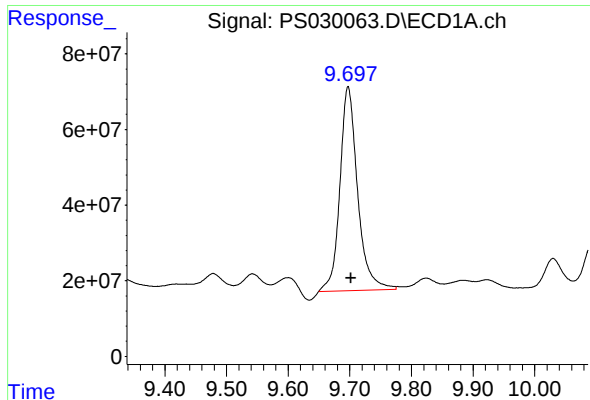
#12 2,4,5-T

R.T.: 9.138 min
Delta R.T.: -0.006 min
Response: 8280549591
Conc: 589.23 ng/ml



#12 2,4,5-T

R.T.: 9.937 min
Delta R.T.: -0.011 min
Response: 4625124316
Conc: 595.82 ng/ml



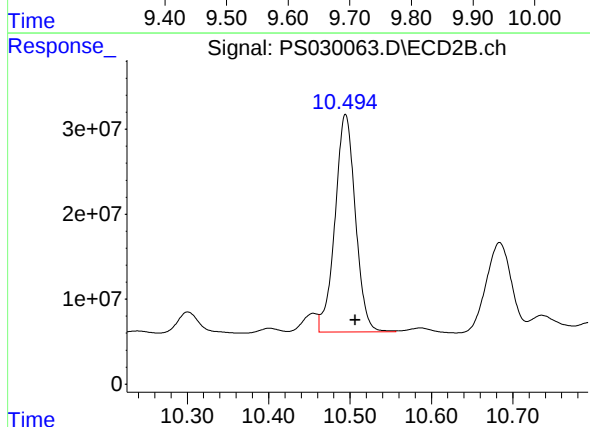
#13 2,4-DB

R.T.: 9.697 min
Delta R.T.: -0.005 min
Response: 1079409109
Conc: 472.32 ng/ml

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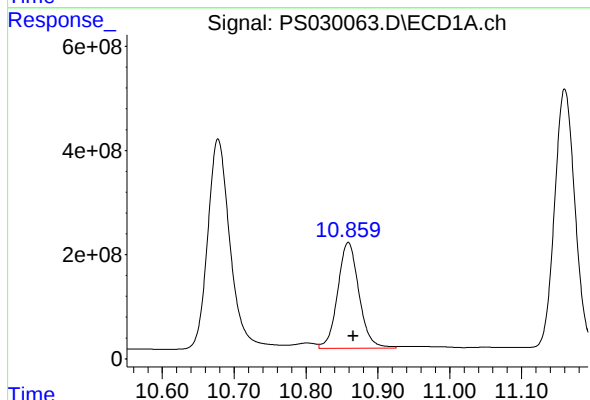
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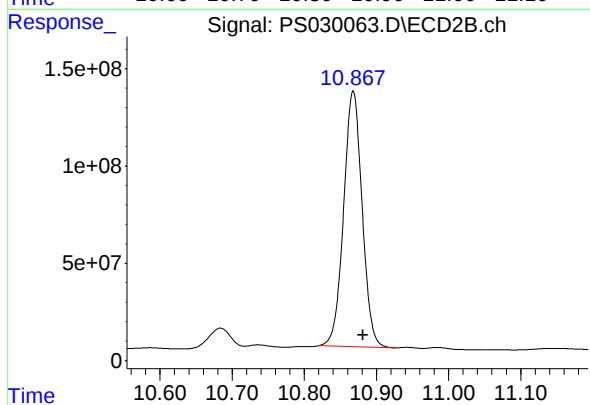
#13 2,4-DB

R.T.: 10.494 min
Delta R.T.: -0.013 min
Response: 444060913
Conc: 551.74 ng/ml



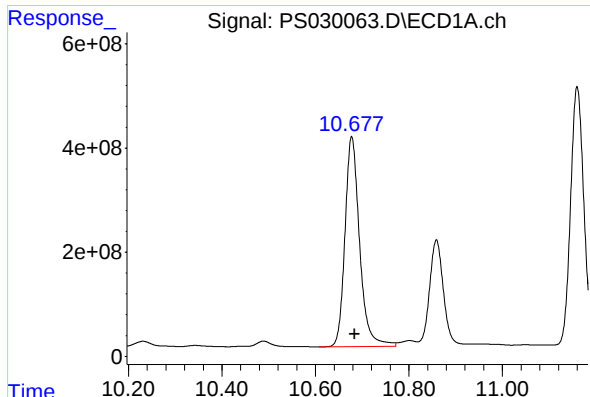
#14 DINOSEB

R.T.: 10.859 min
Delta R.T.: -0.007 min
Response: 4194466690
Conc: 412.30 ng/ml



#14 DINOSEB

R.T.: 10.868 min
Delta R.T.: -0.013 min
Response: 2340094213
Conc: 401.32 ng/ml



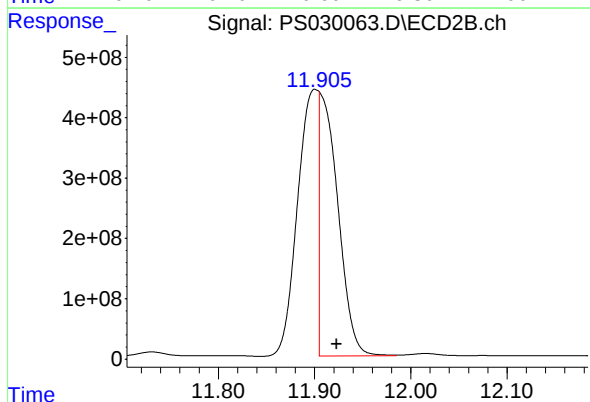
#15 Picloram

R.T.: 10.678 min
Delta R.T.: -0.006 min
Response: 8756499451
Conc: 477.70 ng/ml

Instrument :
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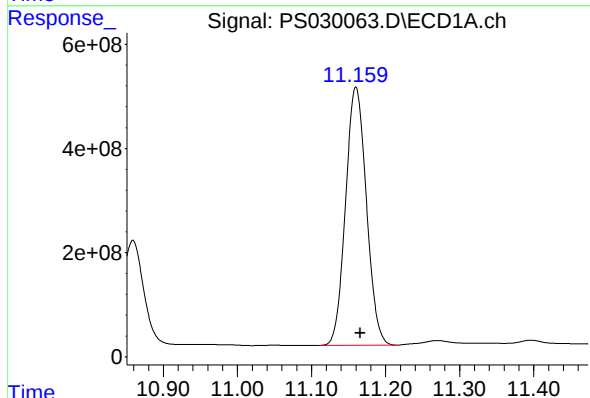
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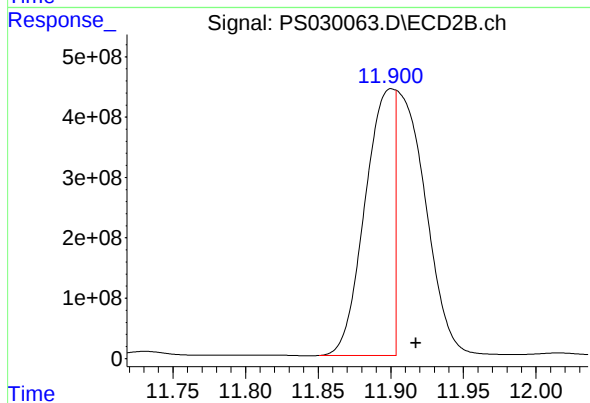
#15 Picloram

R.T.: 11.905 min
Delta R.T.: -0.018 min
Response: 5806206960
Conc: 472.68 ng/ml m



#16 DCPA

R.T.: 11.160 min
Delta R.T.: -0.006 min
Response: 9683880510
Conc: 568.94 ng/ml



#16 DCPA

R.T.: 11.900 min
Delta R.T.: -0.018 min
Response: 6317203271
Conc: 560.45 ng/ml m