

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS051425\
 Data File : PS030210.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 May 2025 01:54
 Operator : AR\AJ
 Sample : PB168003 BSD
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PB168003BSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/19/2025
 Supervised By : mohammad ahmed 05/20/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 15 06:42:49 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
 Quant Title : 8080.M
 QLast Update : Mon May 12 14:29:24 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	6.934	7.453	1444.0E6	402.0E6	507.046	502.356
Target Compounds							
1) T	Dalapon	2.446	2.520	2190.9E6	905.6E6	445.733	445.878
2) T	3,5-DICHL...	6.139	6.453	1957.1E6	525.4E6	469.257	450.629
3) T	4-Nitroph...	6.725	6.988	945.8E6	434.7E6	457.872	416.380
5) T	DICAMBA	7.110	7.638	5492.4E6	2203.9E6	475.233	466.145
6) T	MCP	7.288	7.745	346.9E6	84518119	47.638	45.940
7) T	MCPA	7.430	7.974	468.4E6	118.8E6	45.117	45.057
8) T	DICHLORPROP	7.790	8.331	1385.6E6	552.4E6	474.289	467.572
9) T	2,4-D	8.011	8.644	1557.4E6	619.8E6	474.985	480.301
10) T	Pentachlo...	8.287	9.143	20084.6E6	12058.4E6	495.906	488.491
11) T	2,4,5-TP ...	8.850	9.521	7873.1E6	4729.2E6	486.114	480.101
12) T	2,4,5-T	9.133	9.925	8016.1E6	4385.4E6	485.377	476.482
13) T	2,4-DB	9.690	10.483	1293.0E6	448.9E6	495.445	452.324
14) T	DINOSEB	10.851	10.857	5413.8E6	3168.9E6	473.389	463.831
15) T	Picloram	10.671	11.889	9764.8E6	6959.3E6	456.577	494.509m
16) T	DCPA	11.152	11.887	9781.0E6	5986.6E6	491.222	443.106m

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

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Acq On : 15 May 2025 01:54
Operator : AR\AJ
Sample : PB168003 BSD
Misc :
ALS Vial : 39 Sample Multiplier: 1

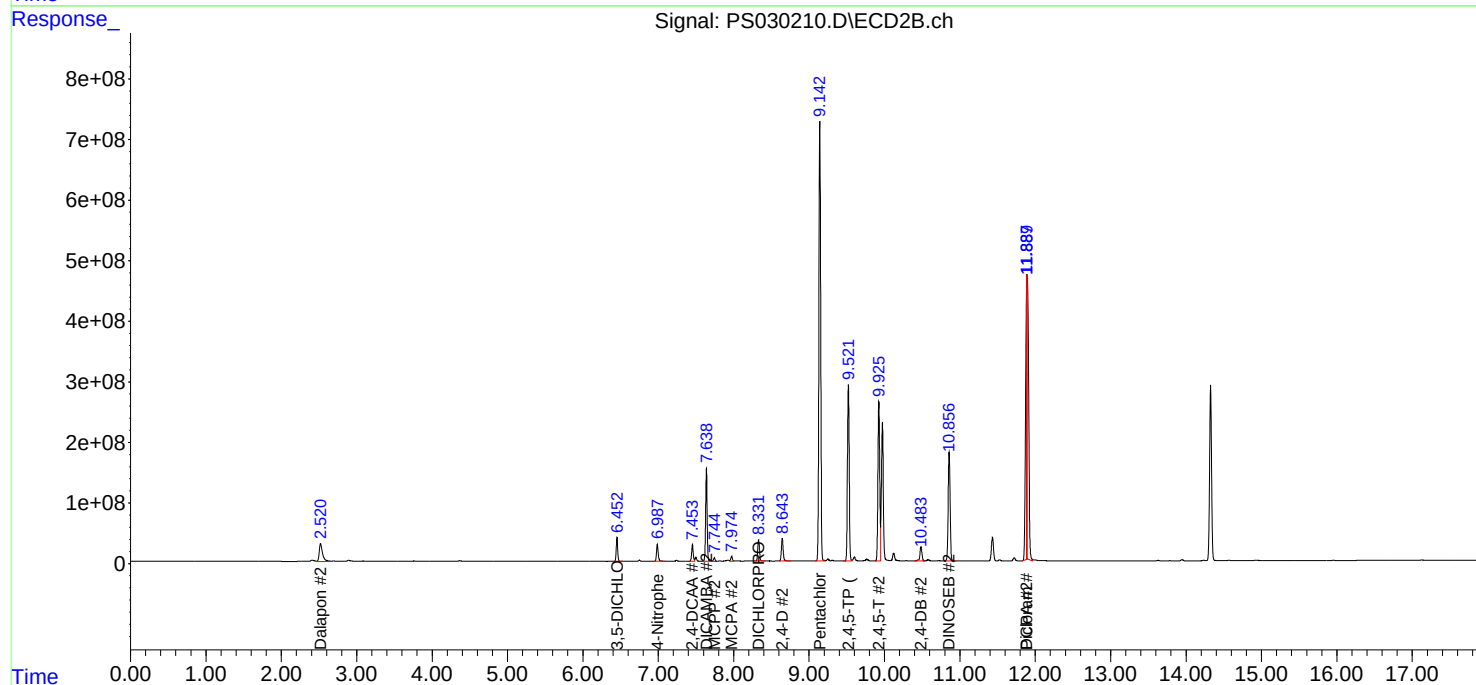
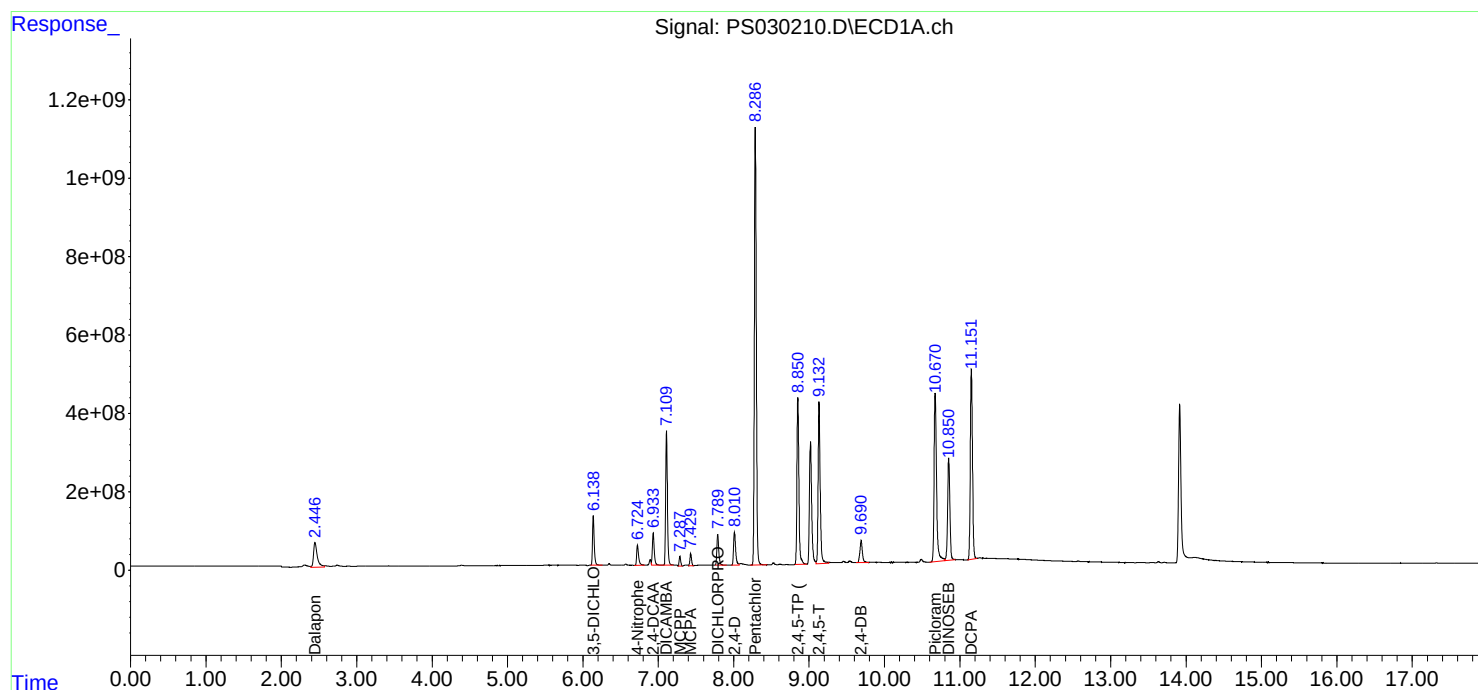
Instrument :
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PB168003BSD

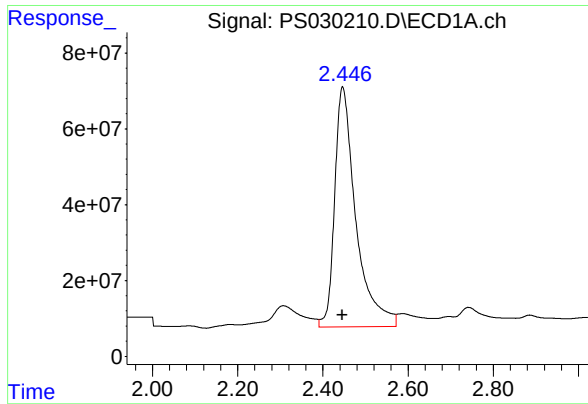
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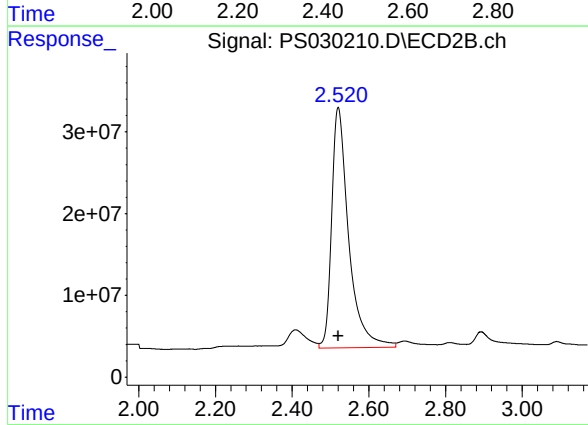
#1 Dalapon

R.T.: 2.446 min
Delta R.T.: 0.000 min
Response: 2190939914
Conc: 445.73 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168003BSD

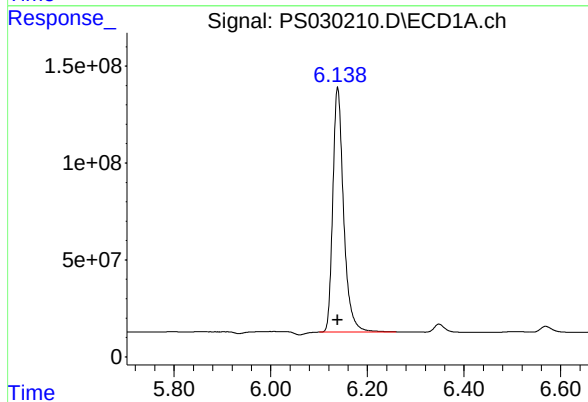
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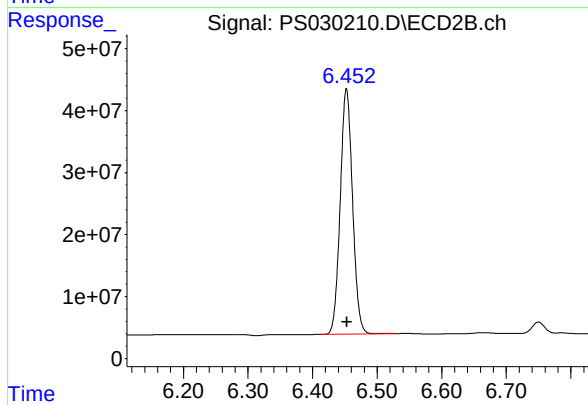
#1 Dalapon

R.T.: 2.520 min
Delta R.T.: 0.000 min
Response: 905599689
Conc: 445.88 ng/ml



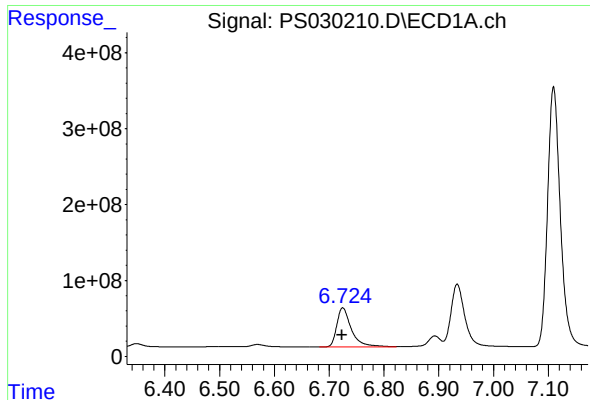
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.139 min
Delta R.T.: 0.000 min
Response: 1957059666
Conc: 469.26 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.453 min
Delta R.T.: 0.000 min
Response: 525356834
Conc: 450.63 ng/ml



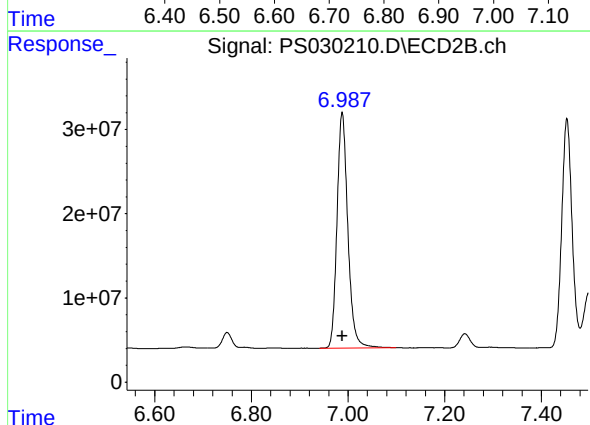
#3 4-Nitrophenol

R.T.: 6.725 min
Delta R.T.: 0.001 min
Response: 945786049
Conc: 457.87 ng/ml

Instrument :
ECD_S
ClientSampleId :
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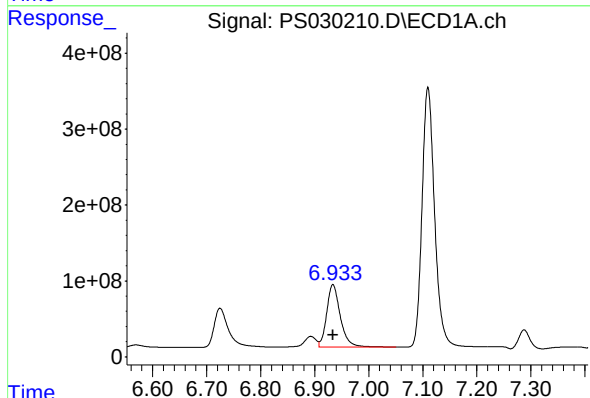
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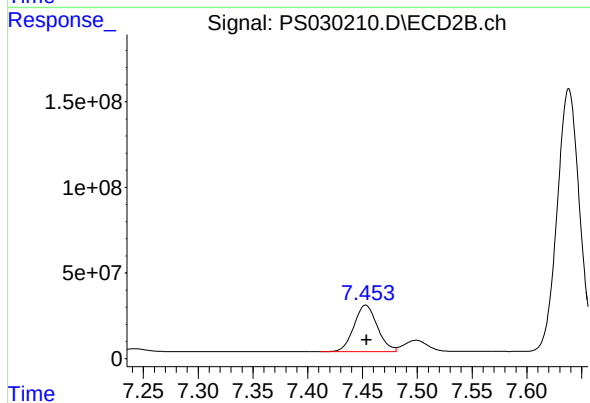
#3 4-Nitrophenol

R.T.: 6.988 min
Delta R.T.: 0.000 min
Response: 434714291
Conc: 416.38 ng/ml



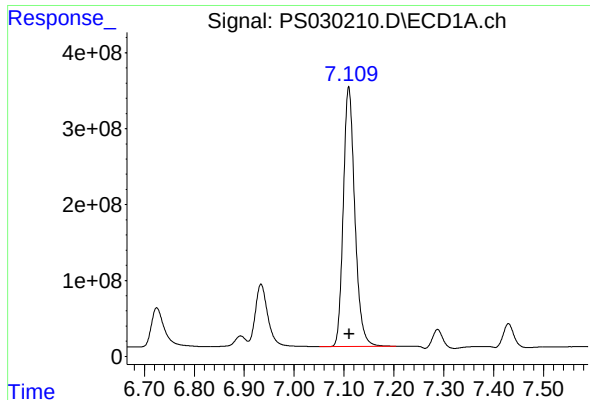
#4 2,4-DCAA

R.T.: 6.934 min
Delta R.T.: 0.000 min
Response: 1443970616
Conc: 507.05 ng/ml



#4 2,4-DCAA

R.T.: 7.453 min
Delta R.T.: -0.001 min
Response: 401987205
Conc: 502.36 ng/ml



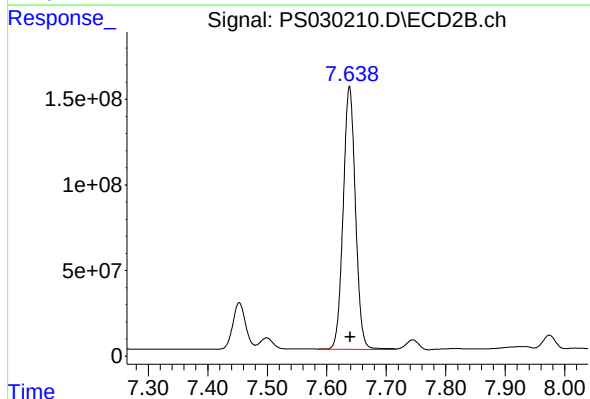
#5 DICAMBA

R.T.: 7.110 min
Delta R.T.: 0.000 min
Response: 5492442784
Conc: 475.23 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168003BSD

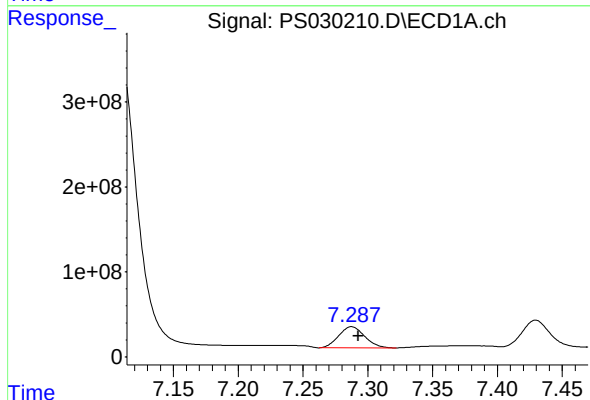
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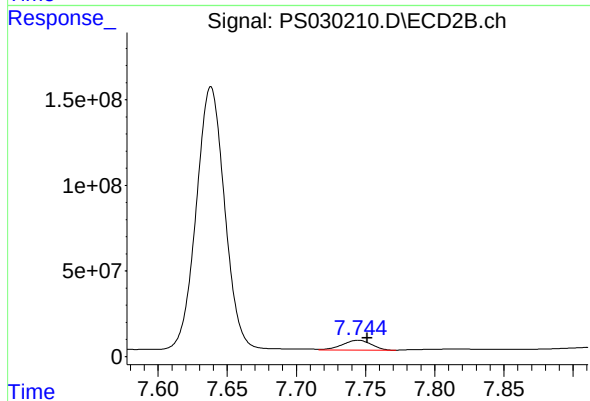
#5 DICAMBA

R.T.: 7.638 min
Delta R.T.: -0.002 min
Response: 2203921581
Conc: 466.14 ng/ml



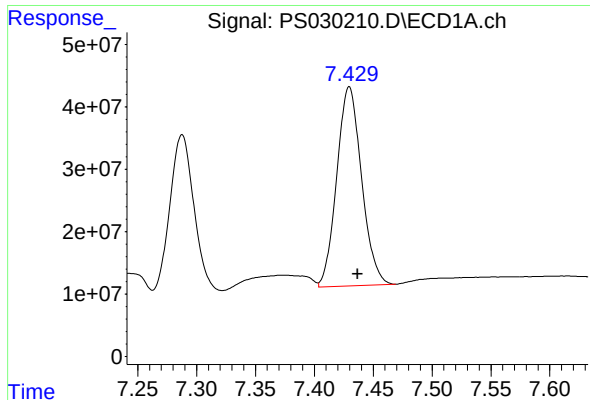
#6 MCPD

R.T.: 7.288 min
Delta R.T.: -0.005 min
Response: 346929080
Conc: 47.64 ug/ml



#6 MCPD

R.T.: 7.745 min
Delta R.T.: -0.007 min
Response: 84518119
Conc: 45.94 ug/ml



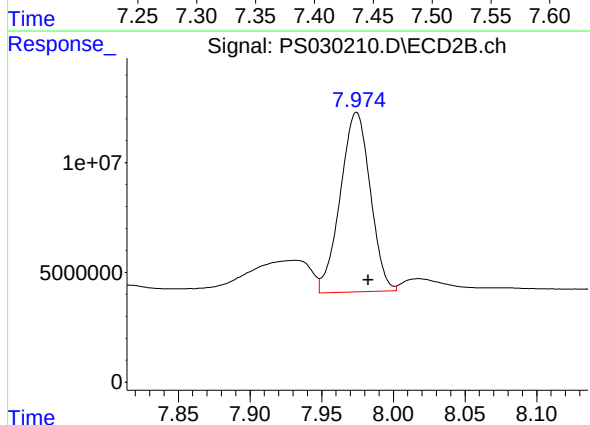
#7 MCPA

R.T.: 7.430 min
Delta R.T.: -0.007 min
Response: 468351003
Conc: 45.12 ug/ml

Instrument :
ECD_S
ClientSampleId :
PB168003BSD

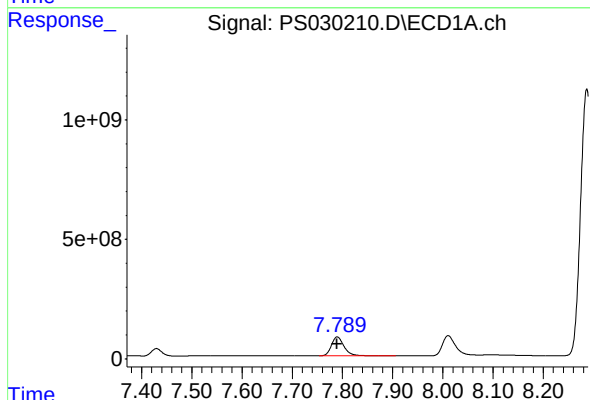
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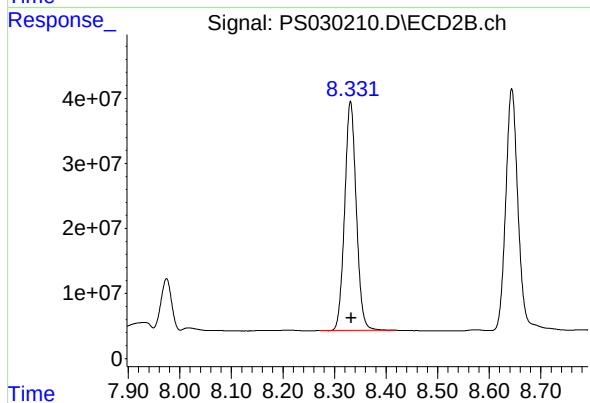
#7 MCPA

R.T.: 7.974 min
Delta R.T.: -0.008 min
Response: 118847154
Conc: 45.06 ug/ml



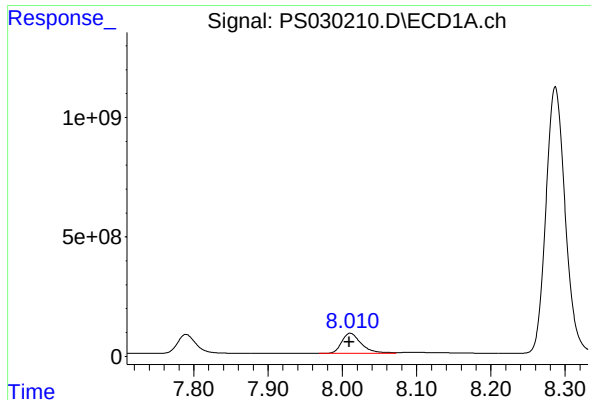
#8 DICHLORPROP

R.T.: 7.790 min
Delta R.T.: 0.000 min
Response: 1385560658
Conc: 474.29 ng/ml



#8 DICHLORPROP

R.T.: 8.331 min
Delta R.T.: -0.002 min
Response: 552405455
Conc: 467.57 ng/ml



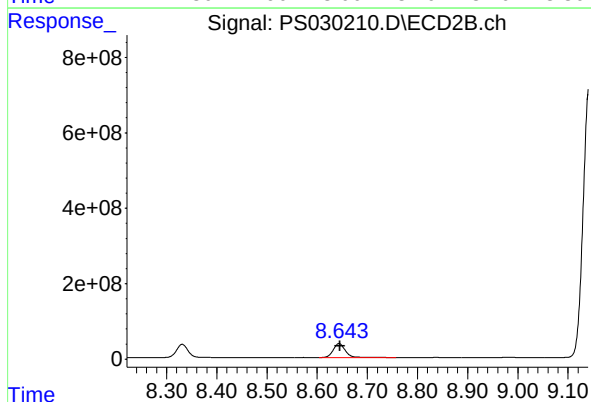
#9 2,4-D

R.T.: 8.011 min
Delta R.T.: 0.001 min
Response: 1557444838
Conc: 474.98 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168003BSD

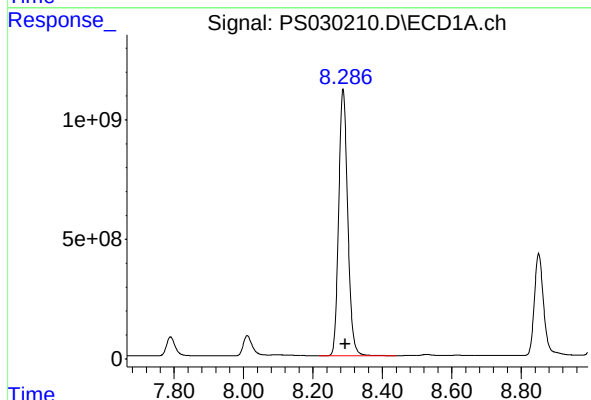
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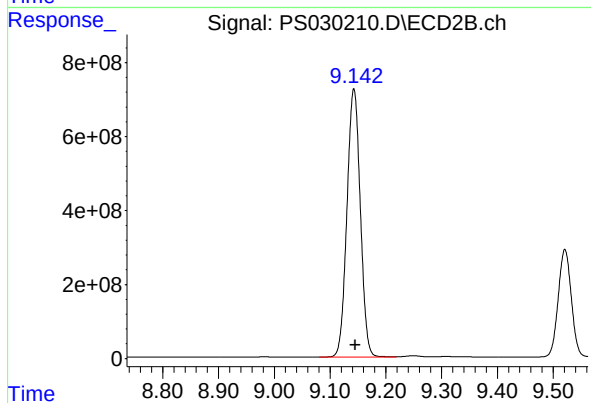
#9 2,4-D

R.T.: 8.644 min
Delta R.T.: -0.001 min
Response: 619828514
Conc: 480.30 ng/ml



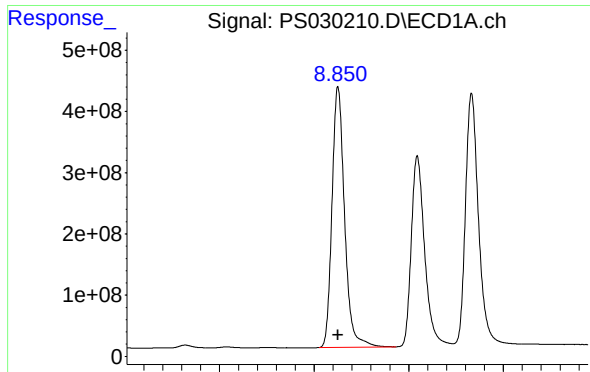
#10 Pentachlorophenol

R.T.: 8.287 min
Delta R.T.: -0.006 min
Response: 20084582826
Conc: 495.91 ng/ml



#10 Pentachlorophenol

R.T.: 9.143 min
Delta R.T.: -0.002 min
Response: 12058372467
Conc: 488.49 ng/ml



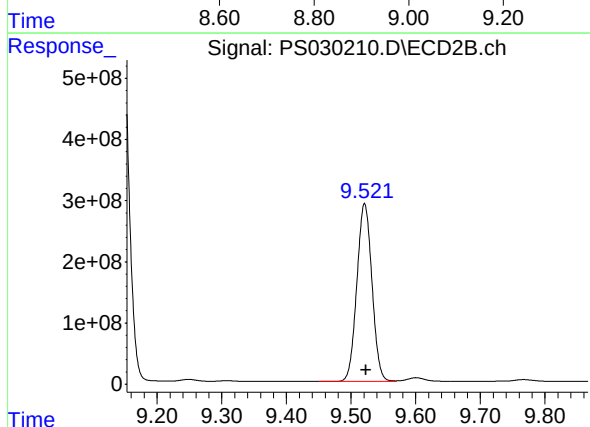
#11 2,4,5-TP (SILVEX)

R.T.: 8.850 min
Delta R.T.: 0.000 min
Response: 7873105322
Conc: 486.11 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168003BSD

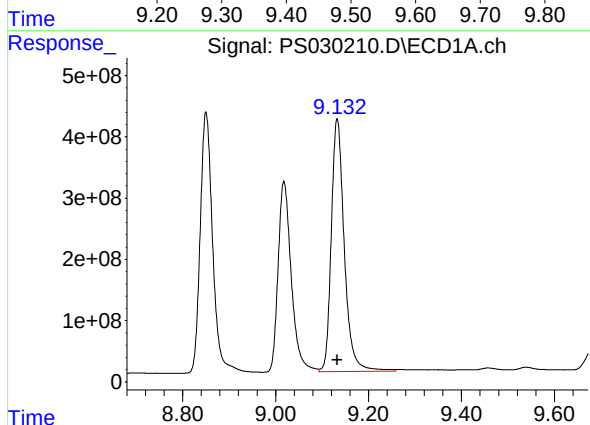
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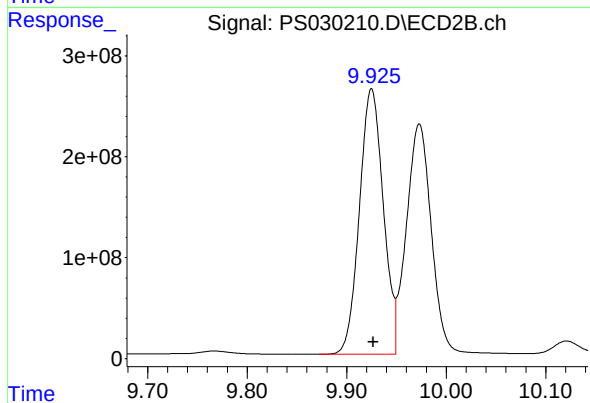
#11 2,4,5-TP (SILVEX)

R.T.: 9.521 min
Delta R.T.: -0.002 min
Response: 4729201544
Conc: 480.10 ng/ml



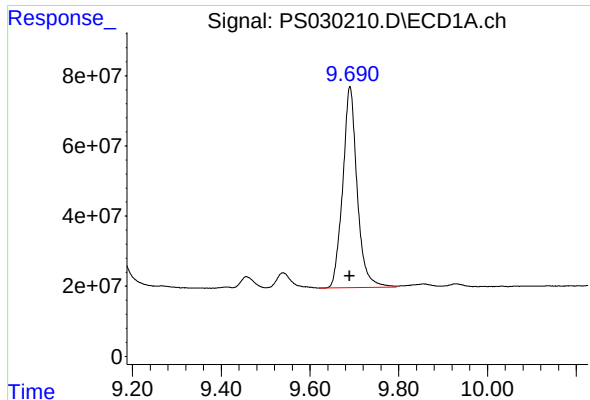
#12 2,4,5-T

R.T.: 9.133 min
Delta R.T.: 0.000 min
Response: 8016098058
Conc: 485.38 ng/ml



#12 2,4,5-T

R.T.: 9.925 min
Delta R.T.: -0.002 min
Response: 4385350102
Conc: 476.48 ng/ml



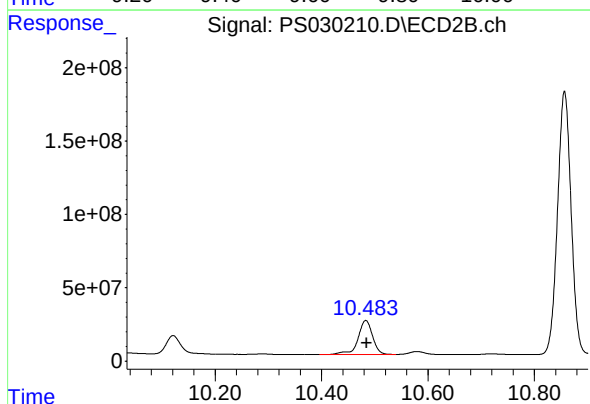
#13 2,4-DB

R.T.: 9.690 min
Delta R.T.: 0.000 min
Response: 1293000592
Conc: 495.45 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168003BSD

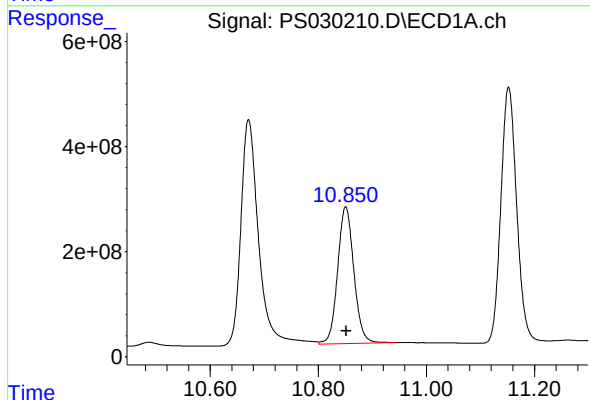
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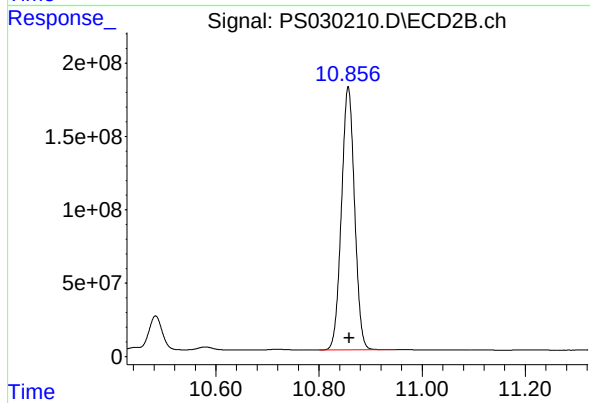
#13 2,4-DB

R.T.: 10.483 min
Delta R.T.: -0.002 min
Response: 448873939
Conc: 452.32 ng/ml



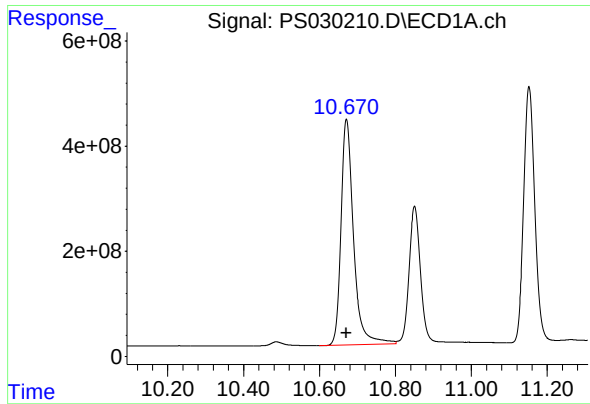
#14 DINOSEB

R.T.: 10.851 min
Delta R.T.: 0.000 min
Response: 5413845326
Conc: 473.39 ng/ml



#14 DINOSEB

R.T.: 10.857 min
Delta R.T.: -0.002 min
Response: 3168884402
Conc: 463.83 ng/ml



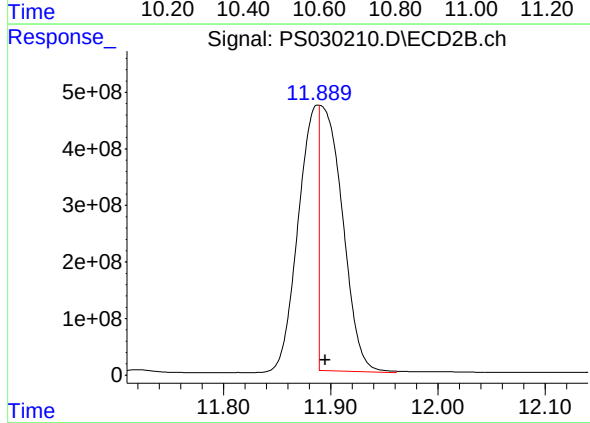
#15 Picloram

R.T.: 10.671 min
Delta R.T.: 0.000 min
Response: 9764798431
Conc: 456.58 ng/ml

Instrument :
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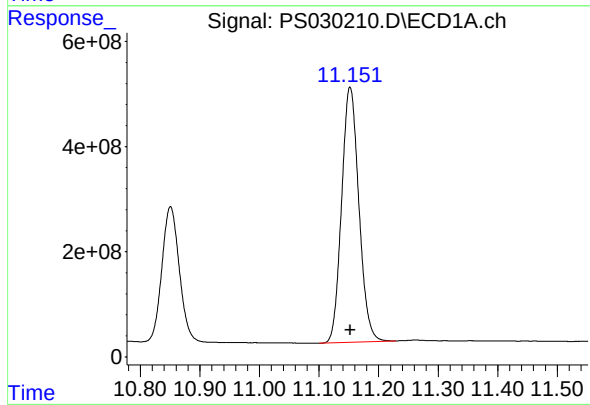
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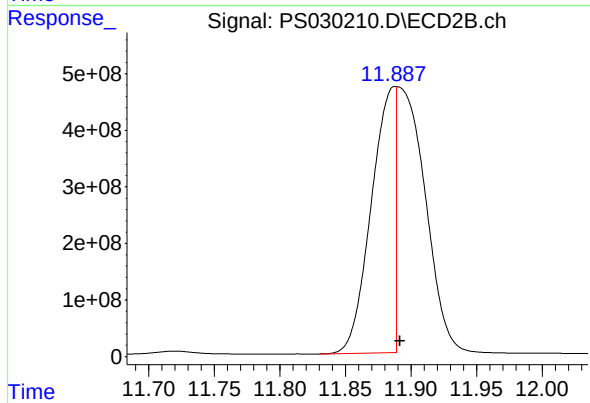
#15 Picloram

R.T.: 11.889 min
Delta R.T.: -0.006 min
Response: 6959277714
Conc: 494.51 ng/ml m



#16 DCPA

R.T.: 11.152 min
Delta R.T.: 0.000 min
Response: 9780952735
Conc: 491.22 ng/ml



#16 DCPA

R.T.: 11.887 min
Delta R.T.: -0.005 min
Response: 5986588682
Conc: 443.11 ng/ml m