

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS051225\
 Data File : PS030144.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 May 2025 21:47
 Operator : AR\AJ
 Sample : Q1956-05MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 COMP1MSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/13/2025
 Supervised By : mohammad ahmed 05/14/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 13 03:39:02 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	6.937	7.454	2161.8E6	347.2E6	759.098	433.857 #
Target Compounds							
1) T	Dalapon	2.444	2.518	2352.8E6	2116.3E6	478.663	1041.982 #
2) T	3,5-DICHL...	6.138	6.453	2108.2E6	529.4E6	505.505m	454.102m
3) T	4-Nitroph...	6.729	6.987	24271027	20798932	11.750m	19.922 #
5) T	DICAMBA	7.110	7.640	4735.5E6	2146.8E6	409.738	454.054
6) T	MCP	7.287	7.747	483.9E6	74988517	66.443	40.760 #
7) T	MCPA	7.429	7.975	419.0E6	125.8E6	40.360	47.684
8) T	DICHLORPROP	7.790	8.333	1344.7E6	606.4E6	460.304	513.257
9) T	2,4-D	8.009	8.645	1735.9E6	660.7E6	529.424	511.951
10) T	Pentachlo...	8.287	9.145	17341.6E6	10336.0E6	428.179	418.715
11) T	2,4,5-TP ...	8.851	9.523	7991.1E6	4890.6E6	493.400	496.481
12) T	2,4,5-T	9.132	9.927	7872.8E6	4375.6E6	476.699	475.427
13) T	2,4-DB	9.691	10.485	1044.4E6	499.3E6	400.191	503.180 #
14) T	DINOSEB	10.851	10.858	3713.3E6	2101.5E6	324.692	307.604
15) T	Picloram	10.671	11.895	8686.6E6	5210.7E6	406.161	370.262m
16) T	DCPA	11.152	11.890	9284.4E6	6414.2E6	466.285	474.752m

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

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Operator : AR\AJ
Sample : Q1956-05MSD
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ALS Vial : 9 Sample Multiplier: 1

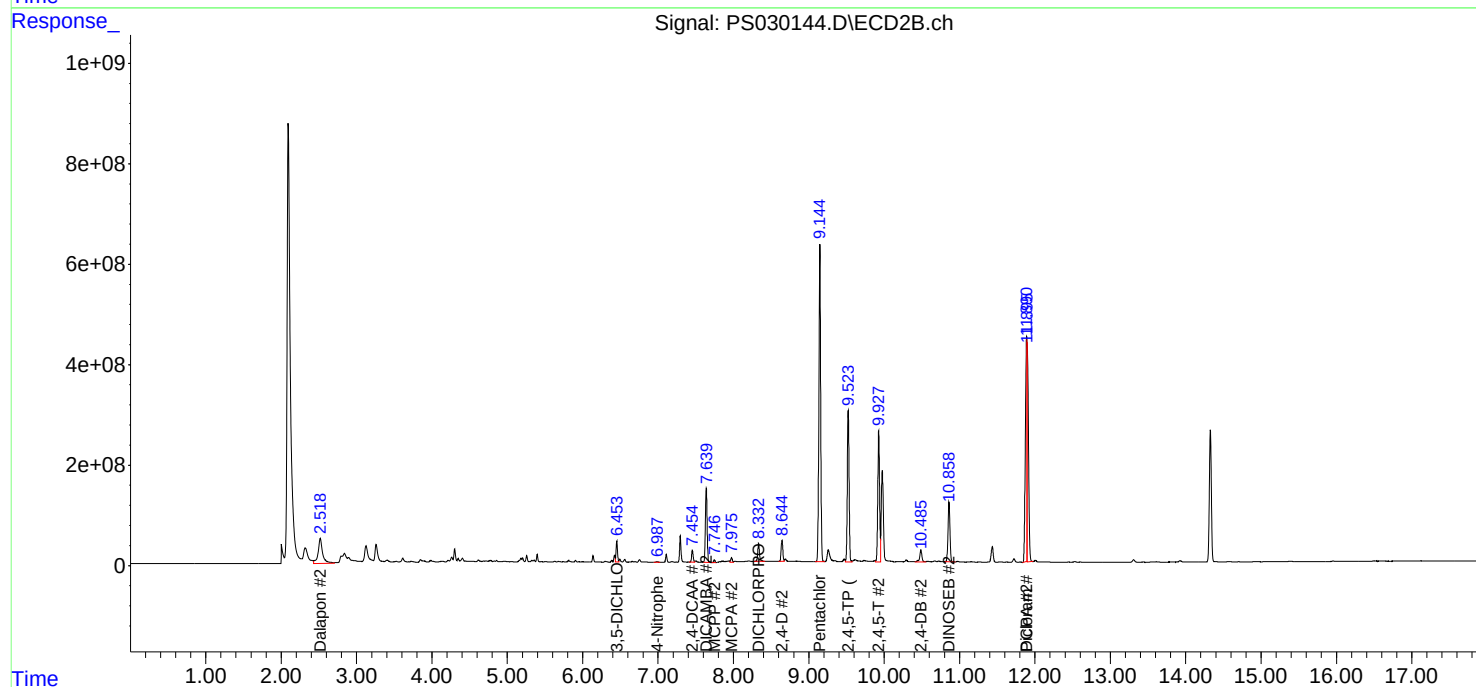
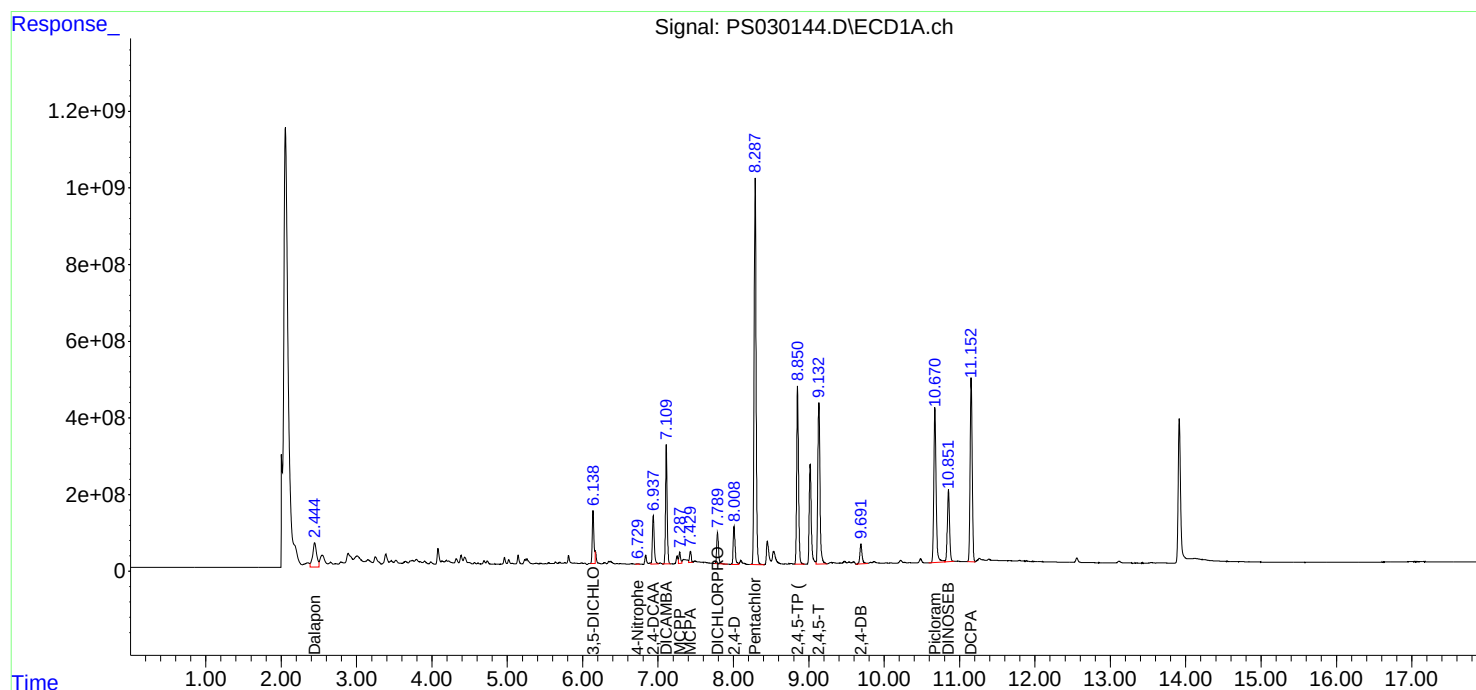
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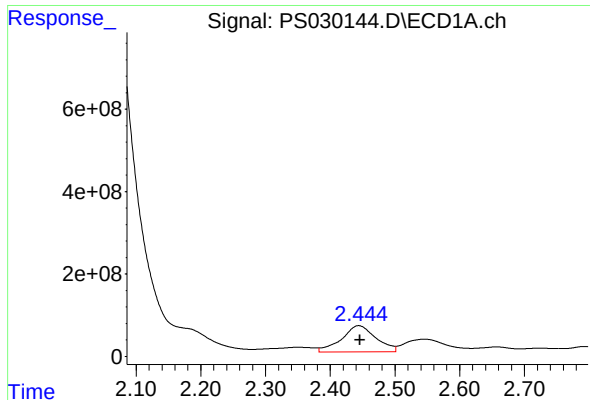
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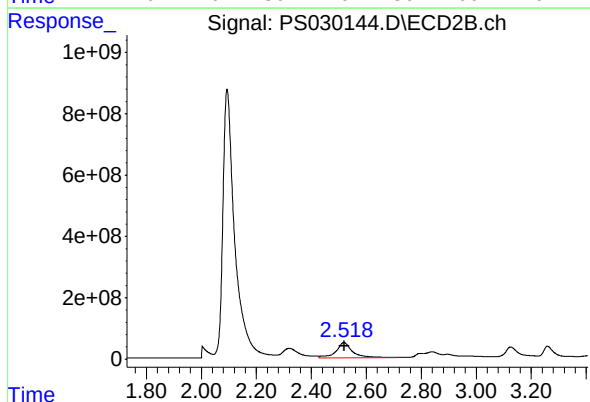
#1 Dalapon

R.T.: 2.444 min
Delta R.T.: -0.002 min
Response: 2352799027
Conc: 478.66 ng/ml

Instrument :
ECD_S
ClientSampleId :
COMP1MSD

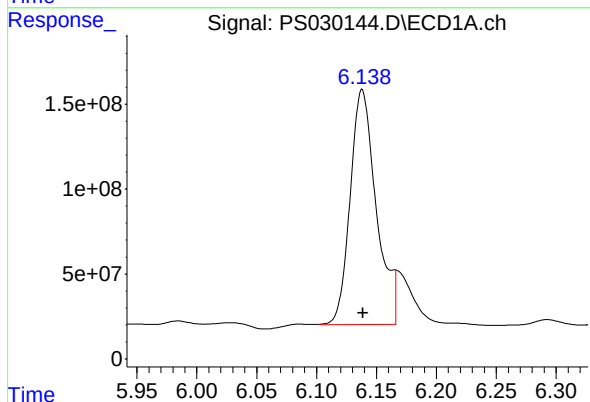
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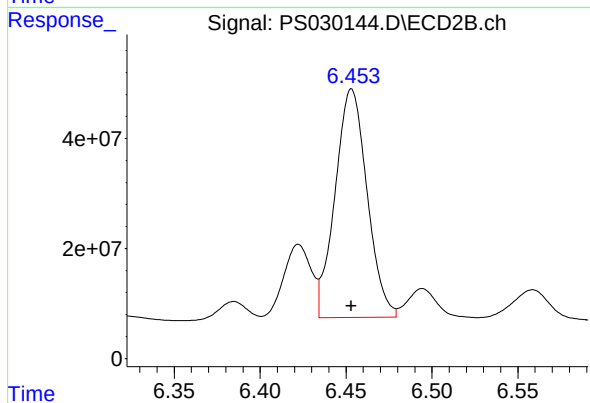
#1 Dalapon

R.T.: 2.518 min
Delta R.T.: -0.002 min
Response: 2116316741
Conc: 1041.98 ng/ml



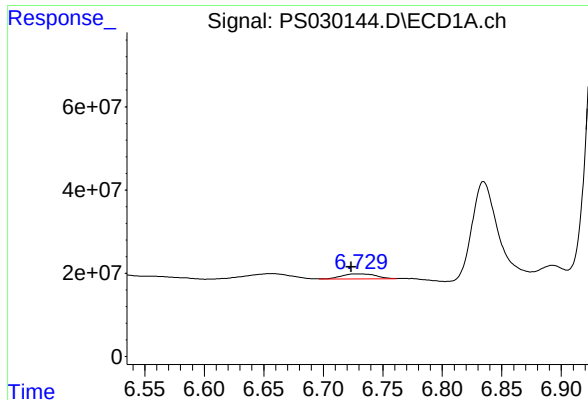
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.138 min
Delta R.T.: -0.001 min
Response: 2108236608
Conc: 505.51 ng/ml m



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.453 min
Delta R.T.: 0.000 min
Response: 529405451
Conc: 454.10 ng/ml m



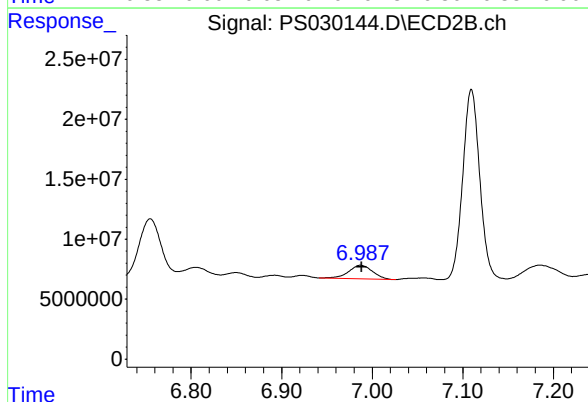
#3 4-Nitrophenol

R.T.: 6.729 min
Delta R.T.: 0.006 min
Response: 24271027
Conc: 11.75 ng/ml

Instrument :
ECD_S
ClientSampleId :
COMP1MSD

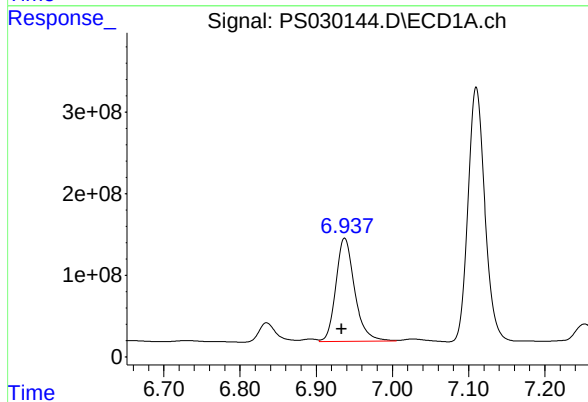
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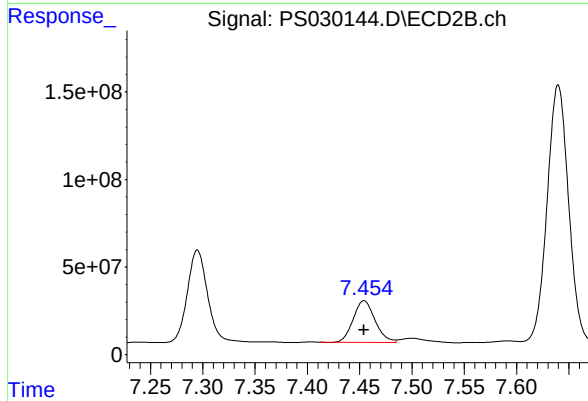
#3 4-Nitrophenol

R.T.: 6.987 min
Delta R.T.: -0.001 min
Response: 20798932
Conc: 19.92 ng/ml



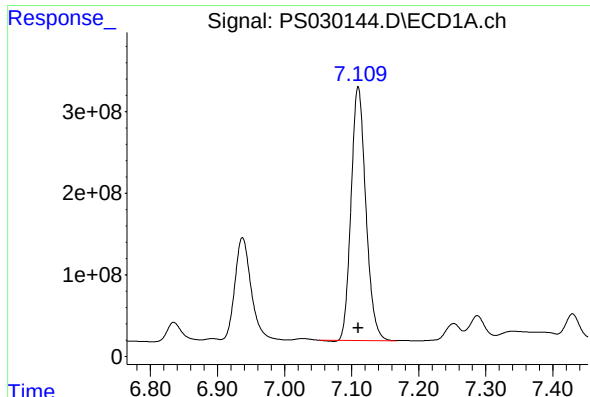
#4 2,4-DCAA

R.T.: 6.937 min
Delta R.T.: 0.004 min
Response: 2161767235
Conc: 759.10 ng/ml



#4 2,4-DCAA

R.T.: 7.454 min
Delta R.T.: 0.000 min
Response: 347173576
Conc: 433.86 ng/ml



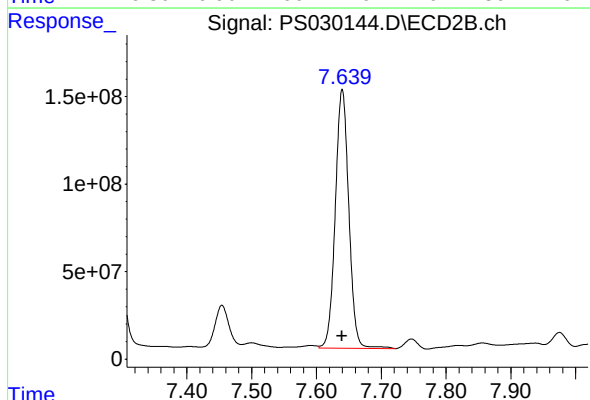
#5 DICAMBA

R.T.: 7.110 min
Delta R.T.: 0.000 min
Response: 4735486810
Conc: 409.74 ng/ml

Instrument :
ECD_S
ClientSampleId :
COMP1MSD

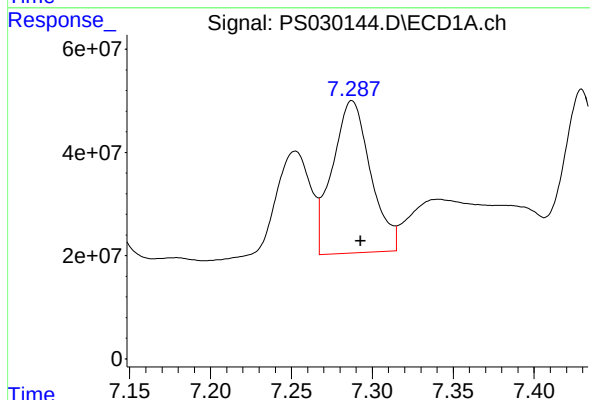
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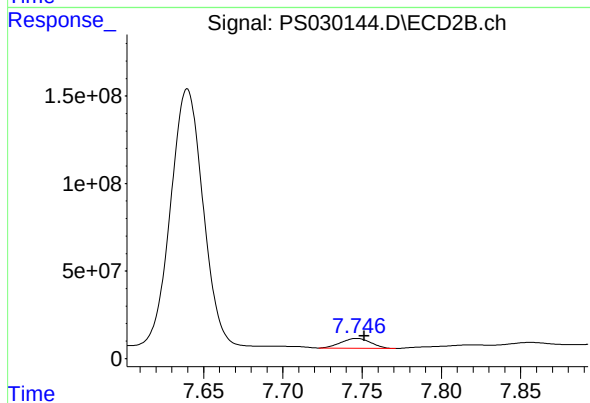
#5 DICAMBA

R.T.: 7.640 min
Delta R.T.: 0.000 min
Response: 2146756329
Conc: 454.05 ng/ml



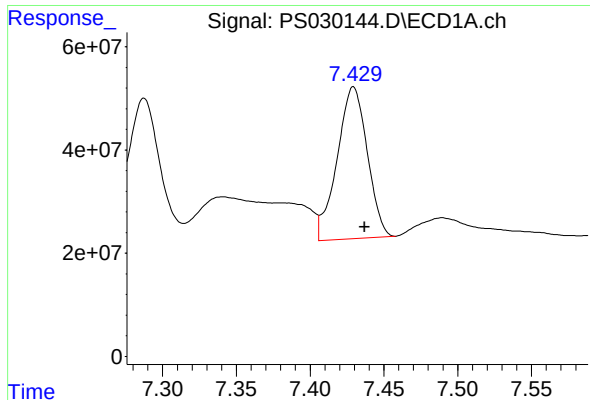
#6 MCPP

R.T.: 7.287 min
Delta R.T.: -0.005 min
Response: 483885401
Conc: 66.44 ug/ml



#6 MCPP

R.T.: 7.747 min
Delta R.T.: -0.005 min
Response: 74988517
Conc: 40.76 ug/ml



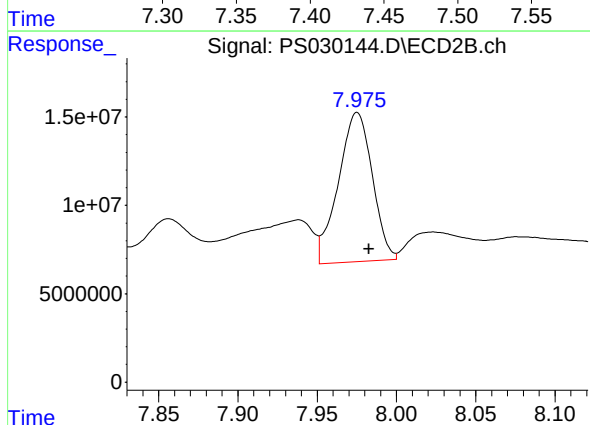
#7 MCPA

R.T.: 7.429 min
Delta R.T.: -0.008 min
Response: 418970041
Conc: 40.36 ug/ml

Instrument :
ECD_S
ClientSampleId :
COMP1MSD

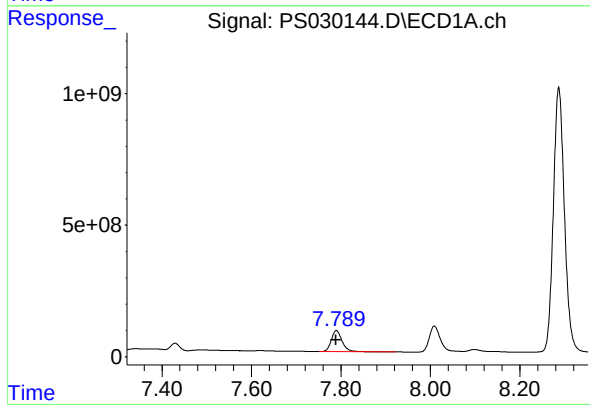
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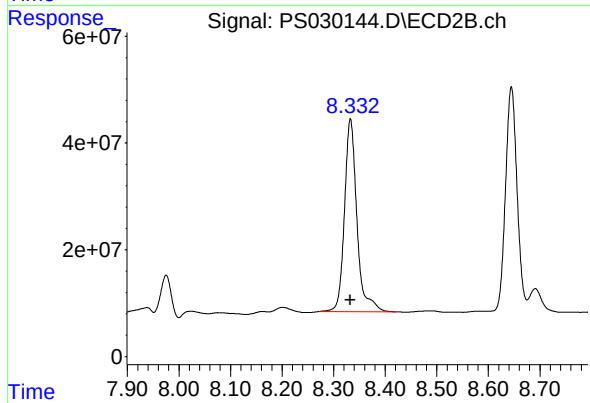
#7 MCPA

R.T.: 7.975 min
Delta R.T.: -0.007 min
Response: 125775220
Conc: 47.68 ug/ml



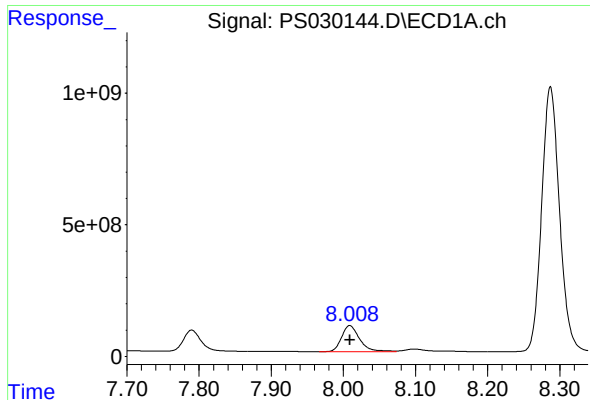
#8 DICHLORPROP

R.T.: 7.790 min
Delta R.T.: 0.000 min
Response: 1344705696
Conc: 460.30 ng/ml



#8 DICHLORPROP

R.T.: 8.333 min
Delta R.T.: 0.000 min
Response: 606378827
Conc: 513.26 ng/ml



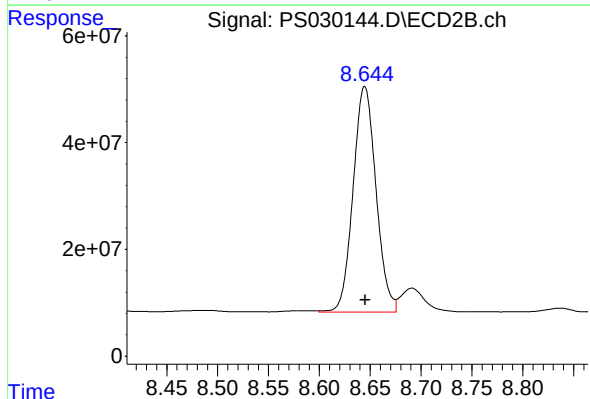
#9 2,4-D

R.T.: 8.009 min
Delta R.T.: 0.000 min
Response: 1735946127
Conc: 529.42 ng/ml

Instrument :
ECD_S
ClientSampleId :
COMP1MSD

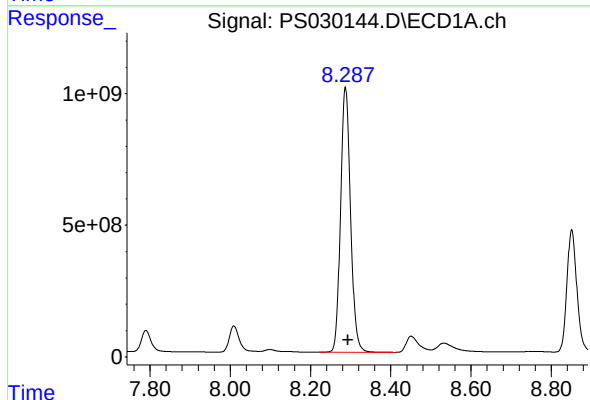
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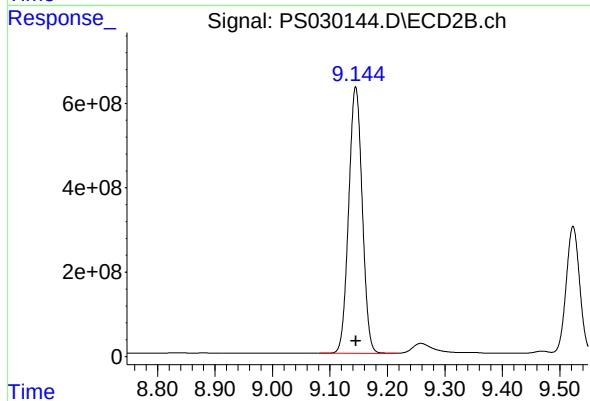
#9 2,4-D

R.T.: 8.645 min
Delta R.T.: 0.000 min
Response: 660673268
Conc: 511.95 ng/ml



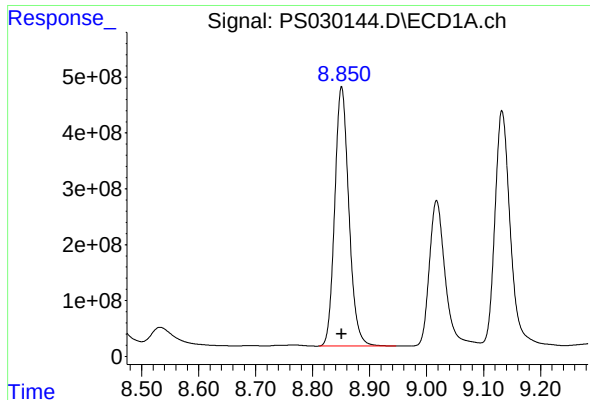
#10 Pentachlorophenol

R.T.: 8.287 min
Delta R.T.: -0.006 min
Response: 17341589846
Conc: 428.18 ng/ml



#10 Pentachlorophenol

R.T.: 9.145 min
Delta R.T.: 0.000 min
Response: 10335955548
Conc: 418.71 ng/ml



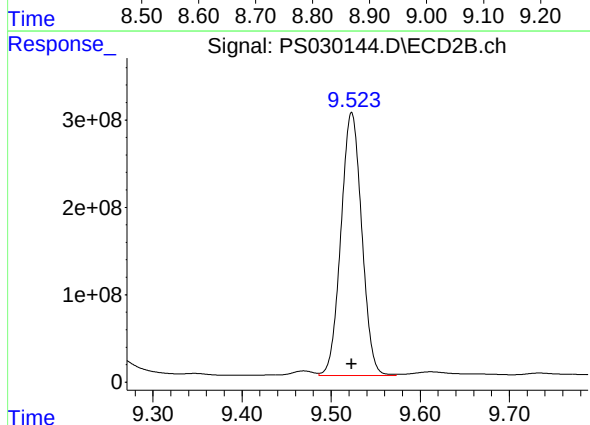
#11 2,4,5-TP (SILVEX)

R.T.: 8.851 min
Delta R.T.: 0.000 min
Response: 7991101087
Conc: 493.40 ng/ml

Instrument :
ECD_S
ClientSampleId :
COMP1MSD

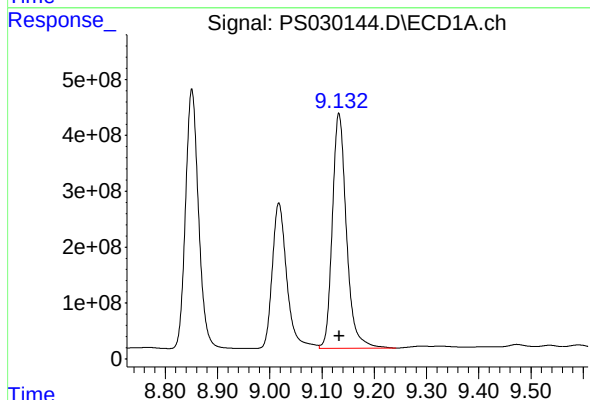
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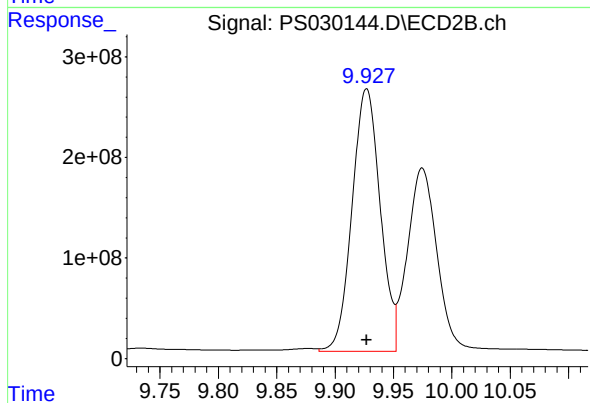
#11 2,4,5-TP (SILVEX)

R.T.: 9.523 min
Delta R.T.: 0.000 min
Response: 4890553482
Conc: 496.48 ng/ml



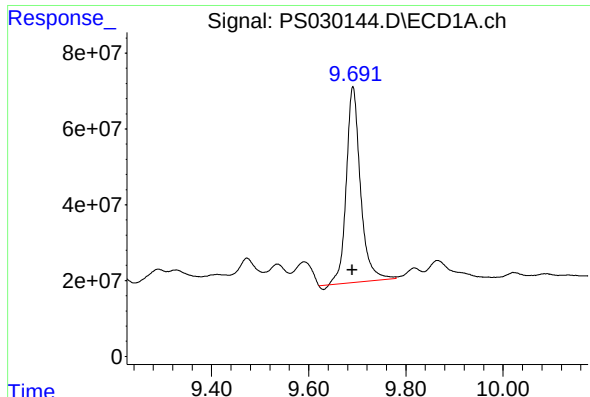
#12 2,4,5-T

R.T.: 9.132 min
Delta R.T.: 0.000 min
Response: 7872773360
Conc: 476.70 ng/ml



#12 2,4,5-T

R.T.: 9.927 min
Delta R.T.: 0.000 min
Response: 4375640879
Conc: 475.43 ng/ml



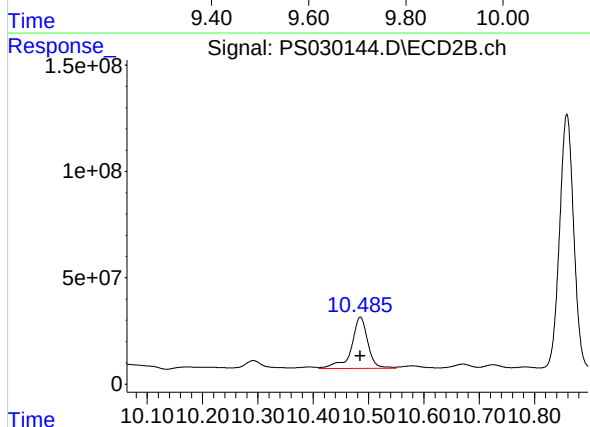
#13 2,4-DB

R.T.: 9.691 min
Delta R.T.: 0.000 min
Response: 1044408450
Conc: 400.19 ng/ml

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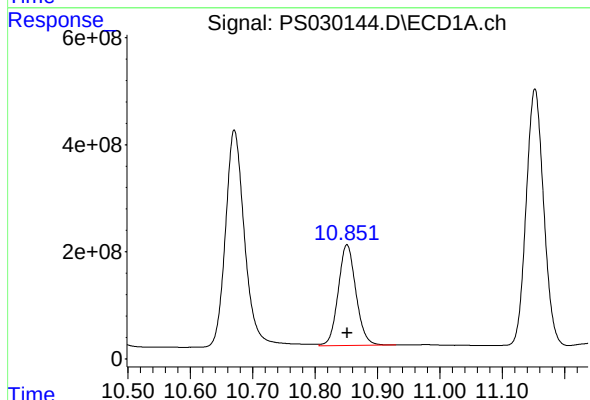
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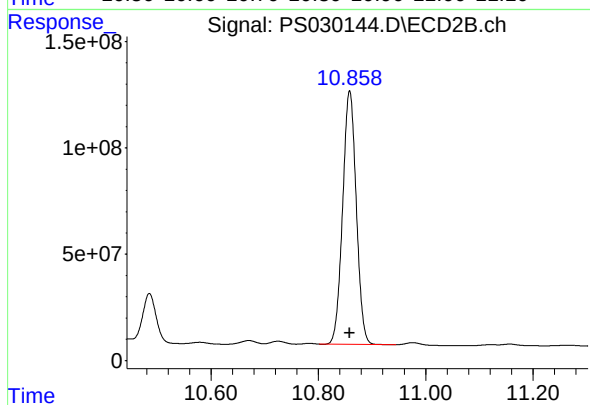
#13 2,4-DB

R.T.: 10.485 min
Delta R.T.: 0.000 min
Response: 499341764
Conc: 503.18 ng/ml



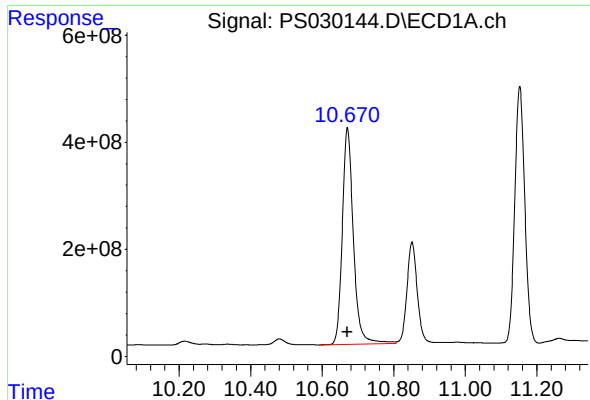
#14 DINOSEB

R.T.: 10.851 min
Delta R.T.: 0.000 min
Response: 3713297531
Conc: 324.69 ng/ml



#14 DINOSEB

R.T.: 10.858 min
Delta R.T.: 0.000 min
Response: 2101544757
Conc: 307.60 ng/ml



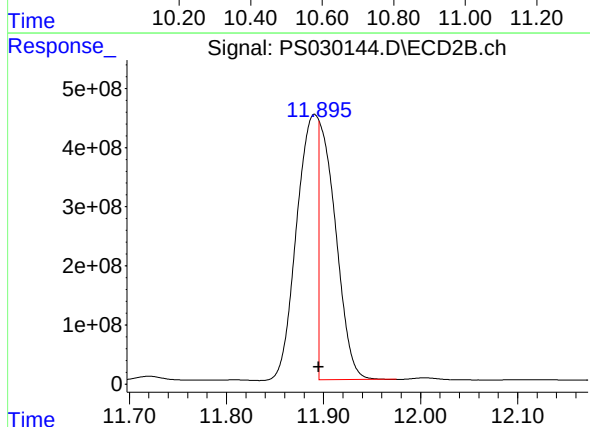
#15 Picloram

R.T.: 10.671 min
Delta R.T.: 0.000 min
Response: 8686556995
Conc: 406.16 ng/ml

Instrument :
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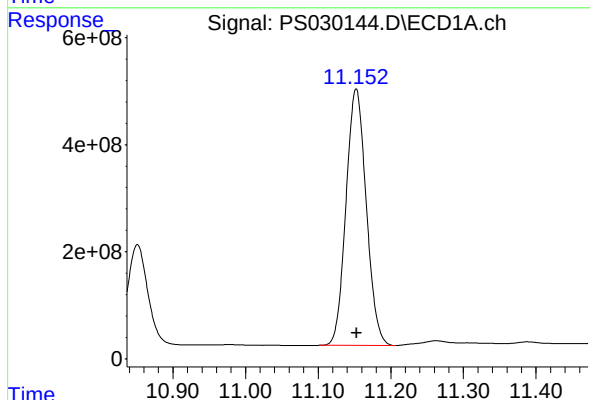
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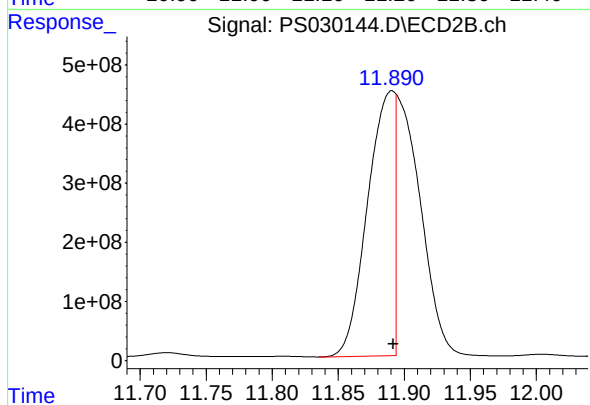
#15 Picloram

R.T.: 11.895 min
Delta R.T.: 0.000 min
Response: 5210741902
Conc: 370.26 ng/ml m



#16 DCPA

R.T.: 11.152 min
Delta R.T.: 0.000 min
Response: 9284425241
Conc: 466.28 ng/ml



#16 DCPA

R.T.: 11.890 min
Delta R.T.: -0.001 min
Response: 6414150540
Conc: 474.75 ng/ml m