

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS042325\
 Data File : PS029952.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Apr 2025 01:03
 Operator : AR\AJ
 Sample : Q1852-07MSD
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 72-12013MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/24/2025
 Supervised By :mohammad ahmed 04/26/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 24 04:38:41 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	7.465	1376.9E6	364.8E6	559.464	517.801
Target Compounds							
1) T	Dalapon	2.447	2.523	1907.4E6	775.1E6	465.760	446.457m
2) T	3,5-DICHL...	6.145	6.462	1436.0E6	445.7E6	401.820	455.964m
3) T	4-Nitroph...	6.731	6.998	176.8E6	60734591	99.131	79.296m
5) T	DICAMBA	7.117	7.651	3839.6E6	1738.1E6	387.731	440.017
6) T	MCP	7.294	7.757	198.1E6	44551429	30.744	25.473
7) T	MCPA	7.437	7.986	333.9E6	109.8E6	37.803	46.424
8) T	DICHLORPROP	7.798	8.344	984.7E6	424.2E6	388.571	422.476
9) T	2,4-D	8.018	8.657	1395.3E6	522.8E6	496.041	463.825m
10) T	Pentachlo...	8.296	9.159	8972.5E6	5433.3E6	257.201	267.060
11) T	2,4,5-TP ...	8.861	9.537	4326.2E6	2856.0E6	312.075	349.072
12) T	2,4,5-T	9.143	9.942	4847.9E6	2844.1E6	344.967	366.380
13) T	2,4-DB	9.701	10.500	664.8E6	250.5E6	290.895m	311.204m
14) T	DINOSEB	10.863	10.898	153.0E6	283.1E6	15.043m	48.543m#
15) T	Picloram	10.683	11.910	7100.4E6	5083.0E6	387.351	413.800m
16) T	DCPA	11.165	11.904	7657.0E6	4702.0E6	449.856	417.156m

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

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Sample : Q1852-07MSD
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ALS Vial : 30 Sample Multiplier: 1

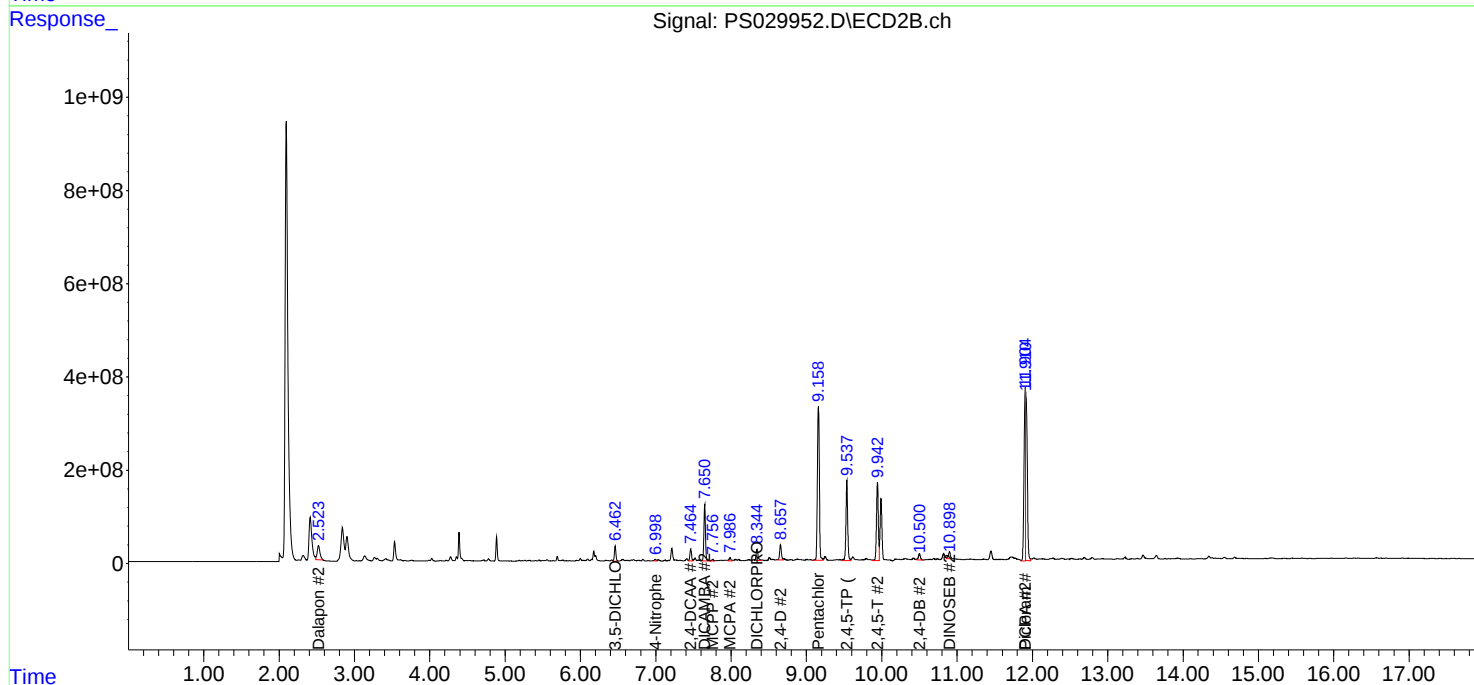
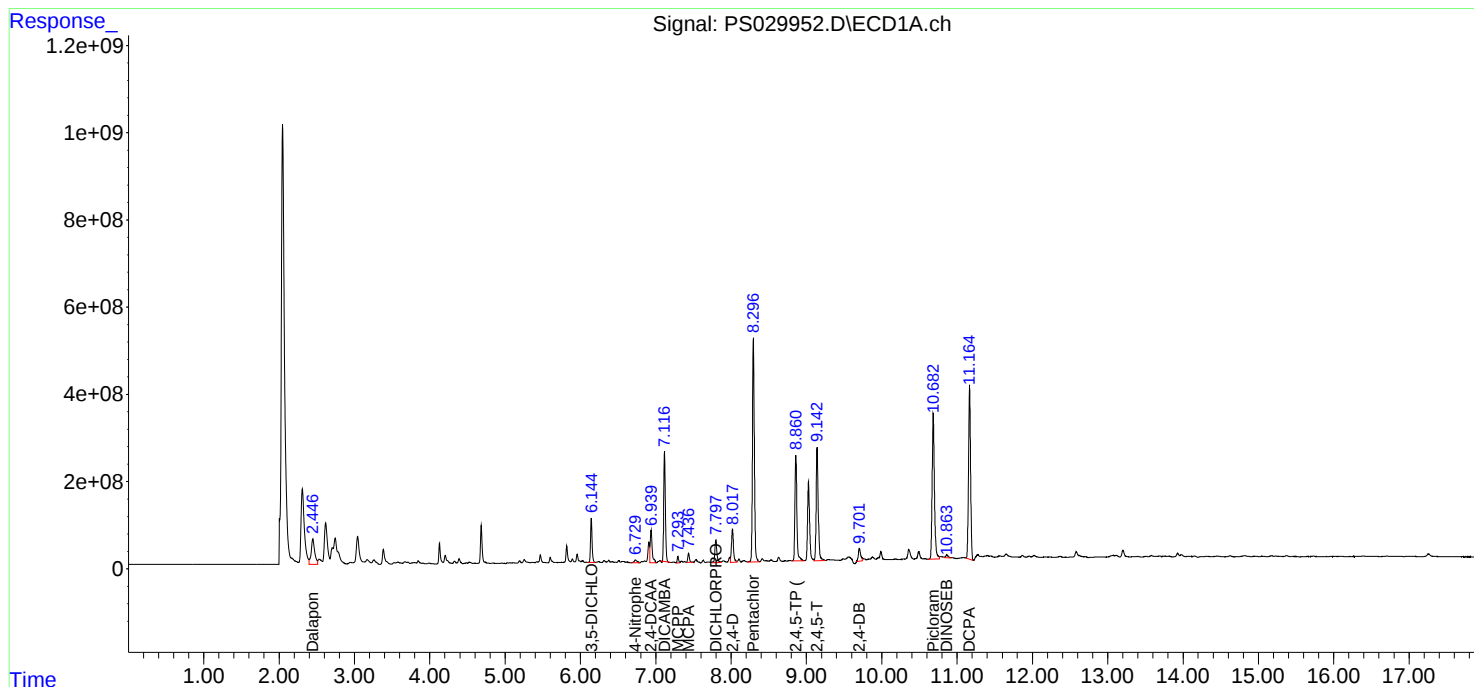
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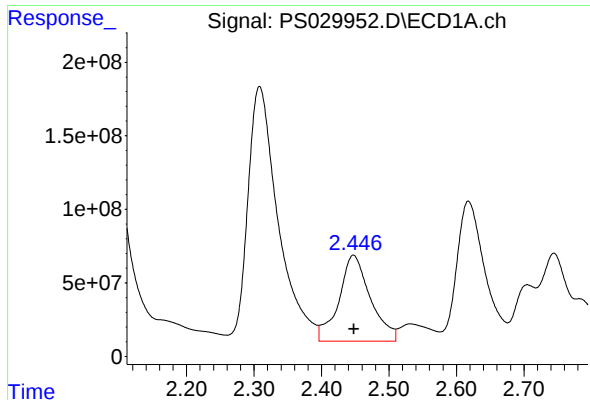
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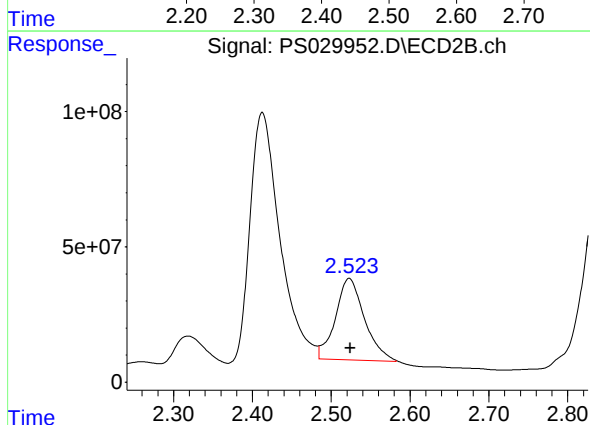
#1 Dalapon

R.T.: 2.447 min
Delta R.T.: 0.000 min
Response: 1907409892
Conc: 465.76 ng/ml

Instrument :
ECD_S
ClientSampleId :
72-12013MSD

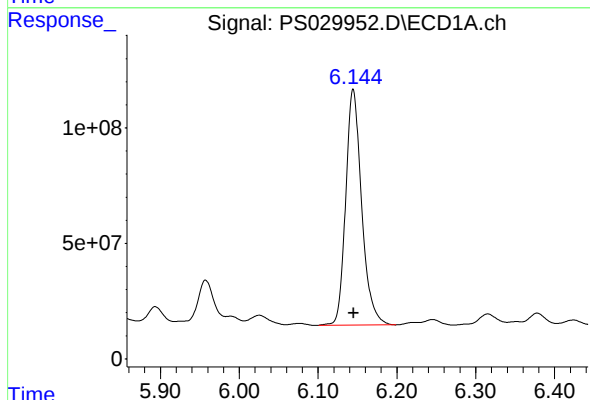
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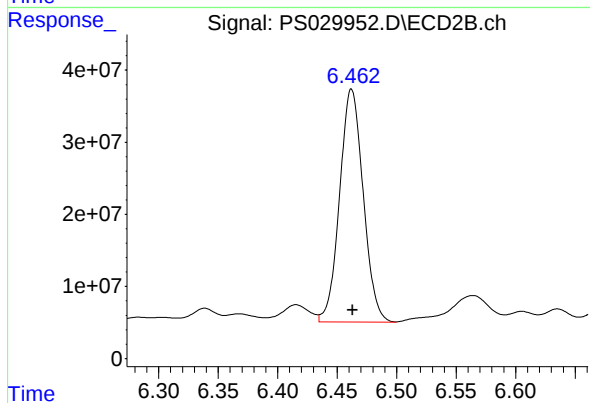
#1 Dalapon

R.T.: 2.523 min
Delta R.T.: -0.002 min
Response: 775113780
Conc: 446.46 ng/ml m



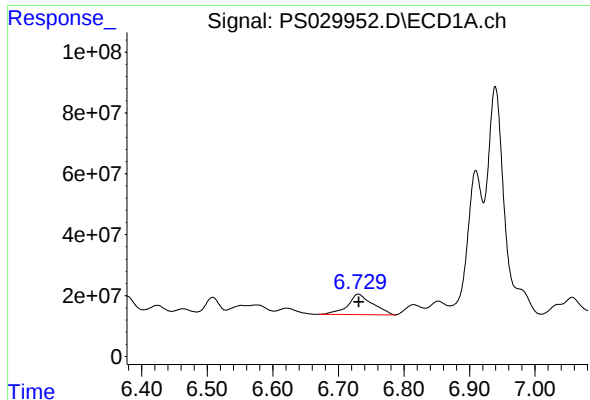
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.145 min
Delta R.T.: 0.000 min
Response: 1436018264
Conc: 401.82 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.462 min
Delta R.T.: -0.002 min
Response: 445740982
Conc: 455.96 ng/ml m



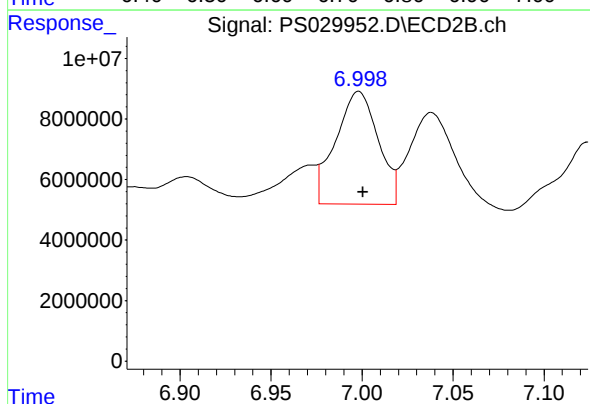
#3 4-Nitrophenol

R.T.: 6.731 min
Delta R.T.: 0.000 min
Response: 176782792
Conc: 99.13 ng/ml

Instrument :
ECD_S
ClientSampleId :
72-12013MSD

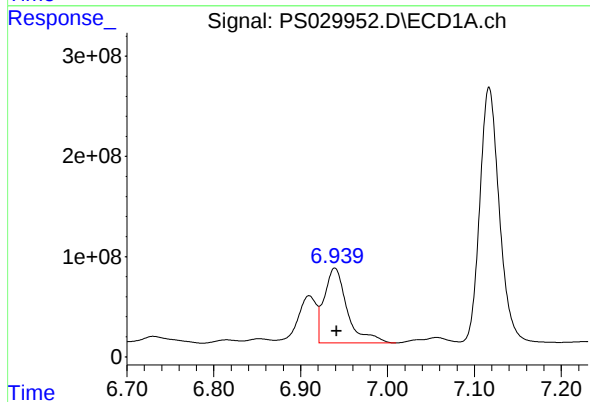
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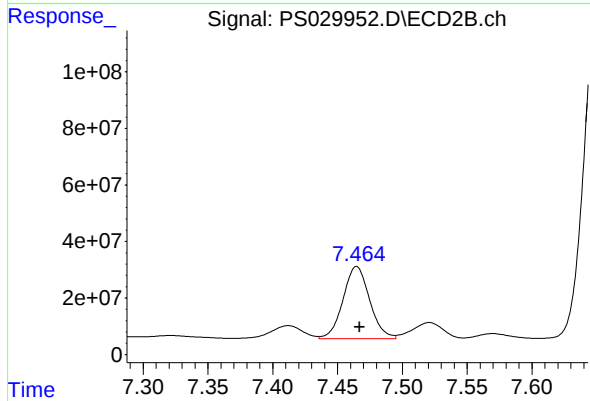
#3 4-Nitrophenol

R.T.: 6.998 min
Delta R.T.: -0.003 min
Response: 60734591
Conc: 79.30 ng/ml m



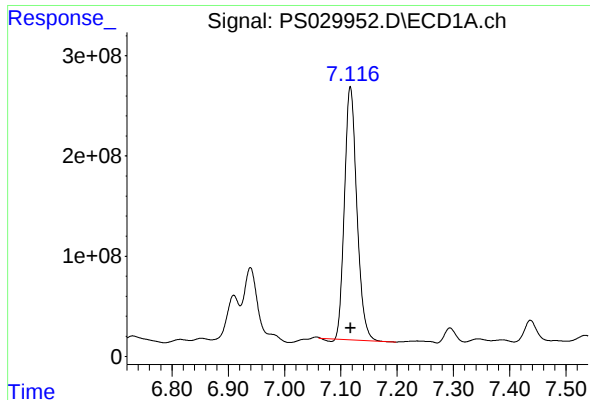
#4 2,4-DCAA

R.T.: 6.939 min
Delta R.T.: -0.002 min
Response: 1376885364
Conc: 559.46 ng/ml



#4 2,4-DCAA

R.T.: 7.465 min
Delta R.T.: -0.002 min
Response: 364799576
Conc: 517.80 ng/ml



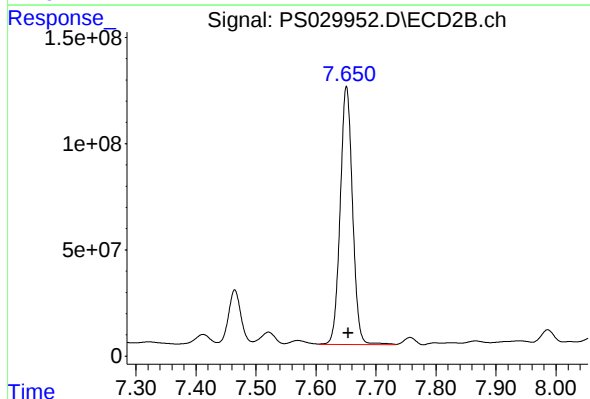
#5 DICAMBA

R.T.: 7.117 min
Delta R.T.: 0.000 min
Response: 3839649009
Conc: 387.73 ng/ml

Instrument :
ECD_S
ClientSampleId :
72-12013MSD

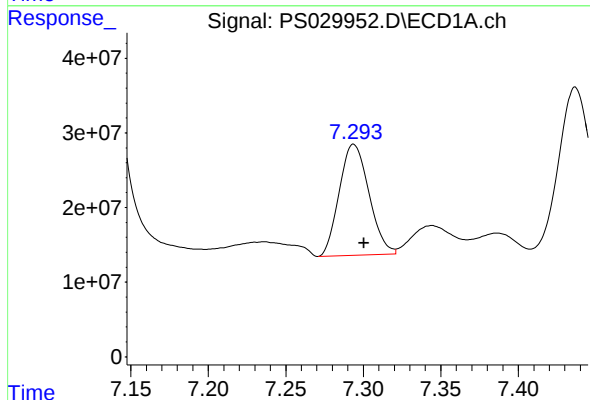
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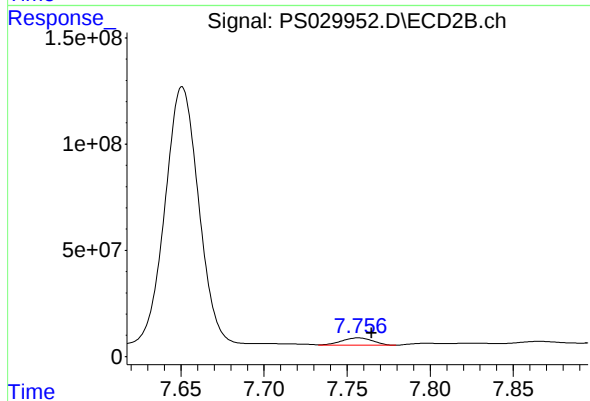
#5 DICAMBA

R.T.: 7.651 min
Delta R.T.: -0.003 min
Response: 1738095994
Conc: 440.02 ng/ml



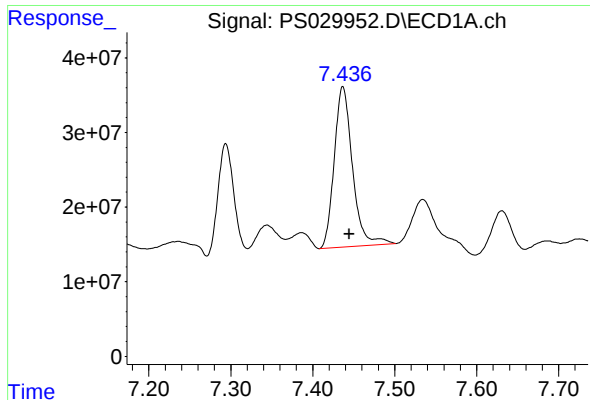
#6 MCPP

R.T.: 7.294 min
Delta R.T.: -0.006 min
Response: 198102752
Conc: 30.74 ug/ml



#6 MCPP

R.T.: 7.757 min
Delta R.T.: -0.008 min
Response: 44551429
Conc: 25.47 ug/ml



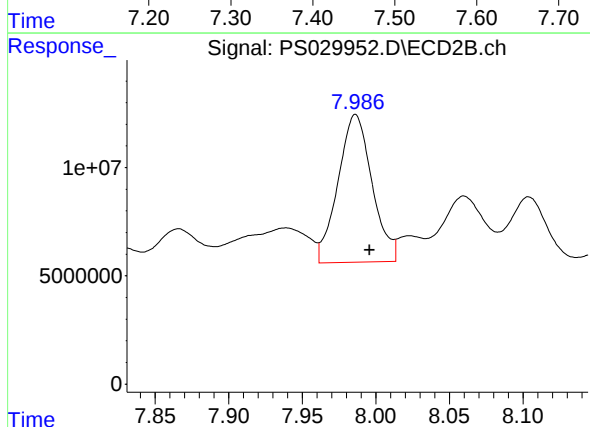
#7 MCPA

R.T.: 7.437 min
Delta R.T.: -0.008 min
Response: 333855560
Conc: 37.80 ug/ml

Instrument :
ECD_S
ClientSampleId :
72-12013MSD

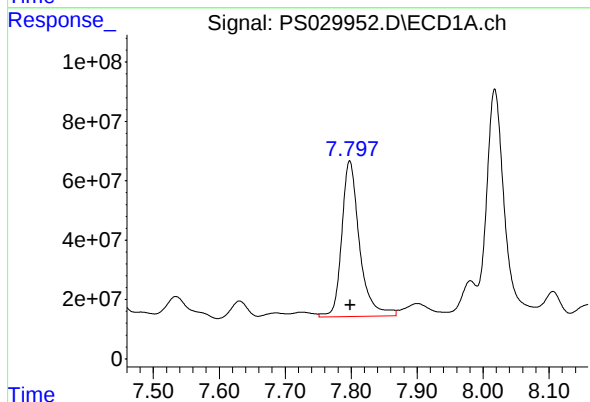
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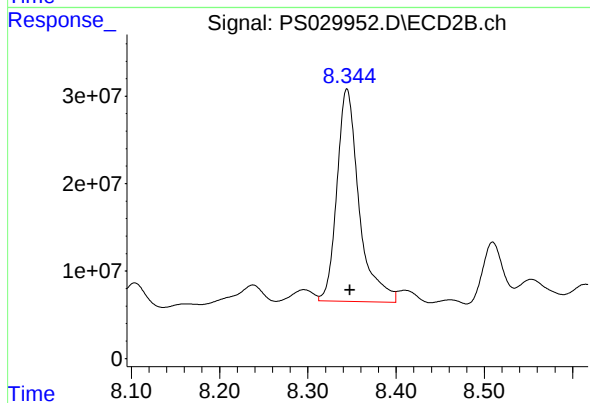
#7 MCPA

R.T.: 7.986 min
Delta R.T.: -0.010 min
Response: 109830853
Conc: 46.42 ug/ml



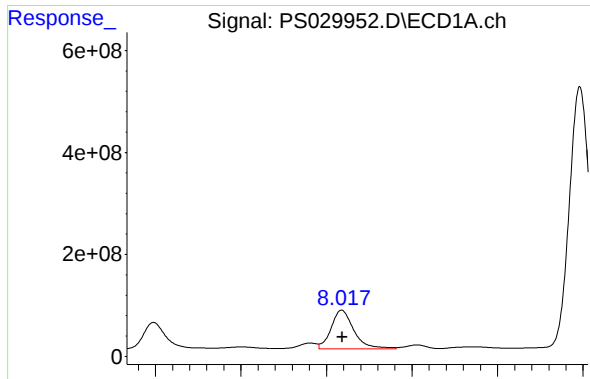
#8 DICHLORPROP

R.T.: 7.798 min
Delta R.T.: -0.001 min
Response: 984679609
Conc: 388.57 ng/ml



#8 DICHLORPROP

R.T.: 8.344 min
Delta R.T.: -0.003 min
Response: 424150331
Conc: 422.48 ng/ml



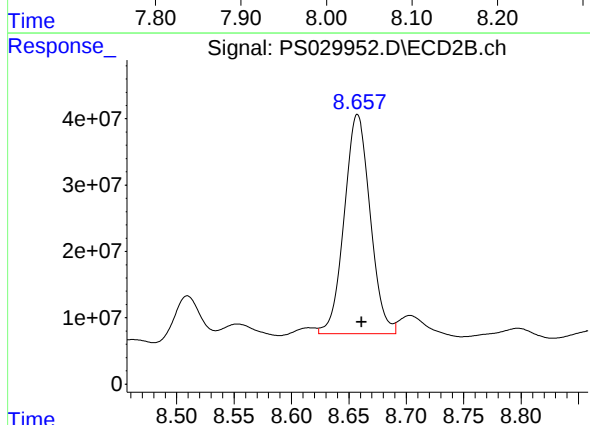
#9 2,4-D

R.T.: 8.018 min
Delta R.T.: 0.000 min
Response: 1395299399
Conc: 496.04 ng/ml

Instrument :
ECD_S
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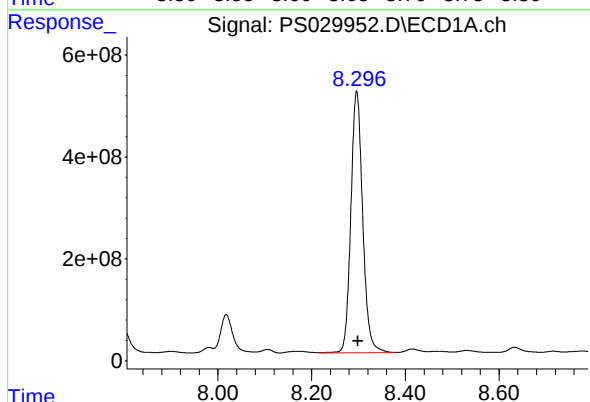
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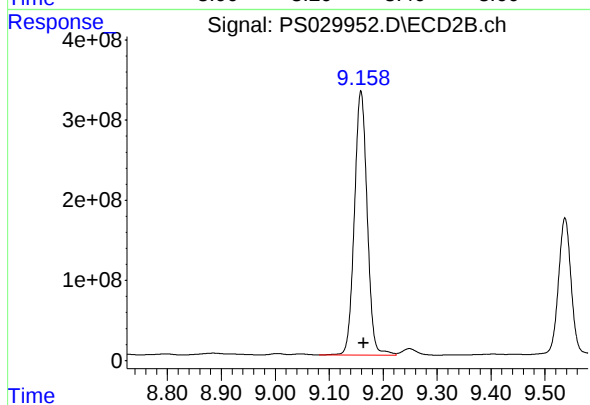
#9 2,4-D

R.T.: 8.657 min
Delta R.T.: -0.004 min
Response: 522780478
Conc: 463.83 ng/ml m



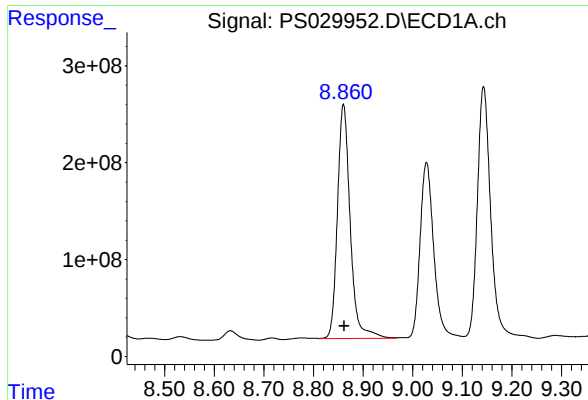
#10 Pentachlorophenol

R.T.: 8.296 min
Delta R.T.: -0.003 min
Response: 8972465207
Conc: 257.20 ng/ml



#10 Pentachlorophenol

R.T.: 9.159 min
Delta R.T.: -0.005 min
Response: 5433282161
Conc: 267.06 ng/ml



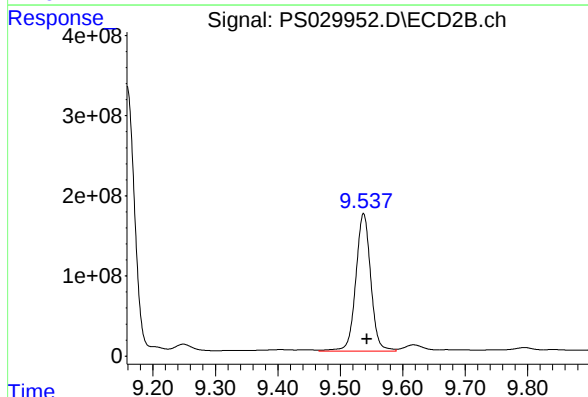
#11 2,4,5-TP (SILVEX)

R.T.: 8.861 min
Delta R.T.: -0.002 min
Response: 4326242889
Conc: 312.07 ng/ml

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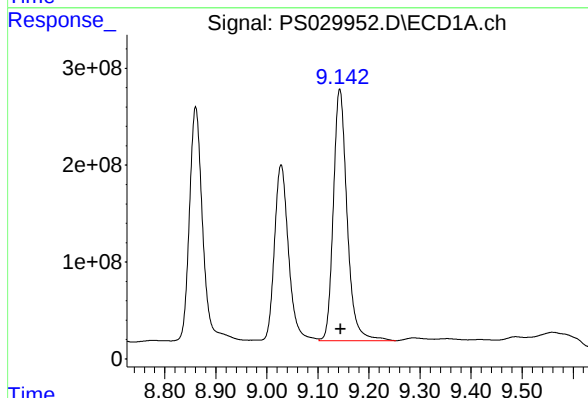
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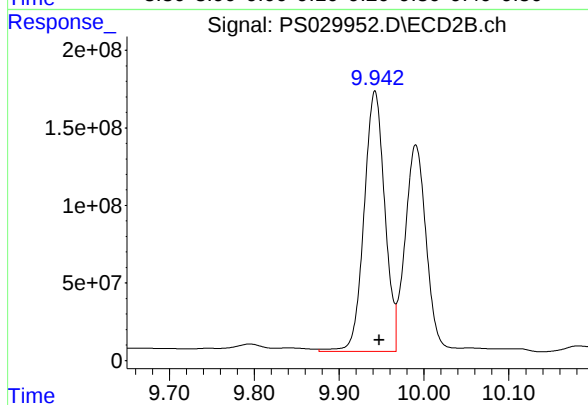
#11 2,4,5-TP (SILVEX)

R.T.: 9.537 min
Delta R.T.: -0.005 min
Response: 2856017000
Conc: 349.07 ng/ml



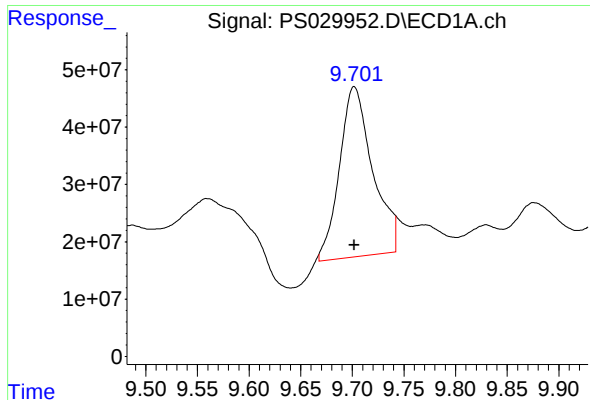
#12 2,4,5-T

R.T.: 9.143 min
Delta R.T.: -0.001 min
Response: 4847857234
Conc: 344.97 ng/ml



#12 2,4,5-T

R.T.: 9.942 min
Delta R.T.: -0.005 min
Response: 2844058232
Conc: 366.38 ng/ml



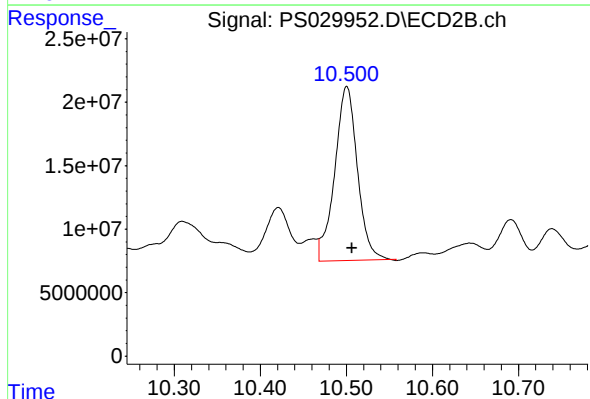
#13 2,4-DB

R.T.: 9.701 min
Delta R.T.: 0.000 min
Response: 664799315
Conc: 290.90 ng/ml

Instrument :
ECD_S
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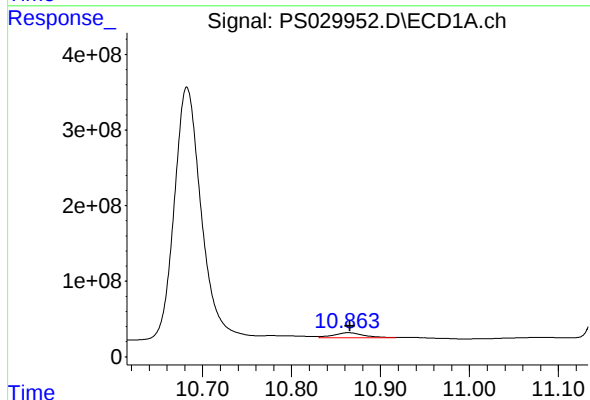
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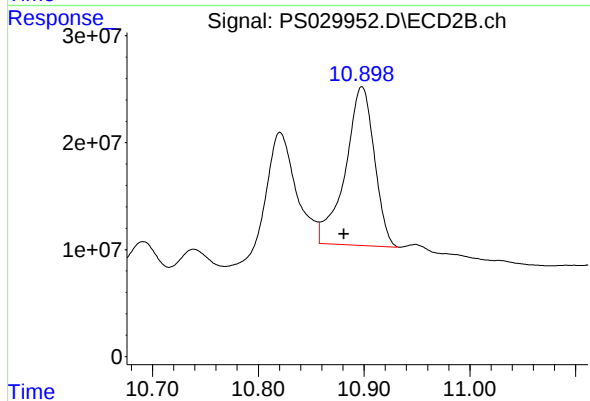
#13 2,4-DB

R.T.: 10.500 min
Delta R.T.: -0.007 min
Response: 250470545
Conc: 311.20 ng/ml



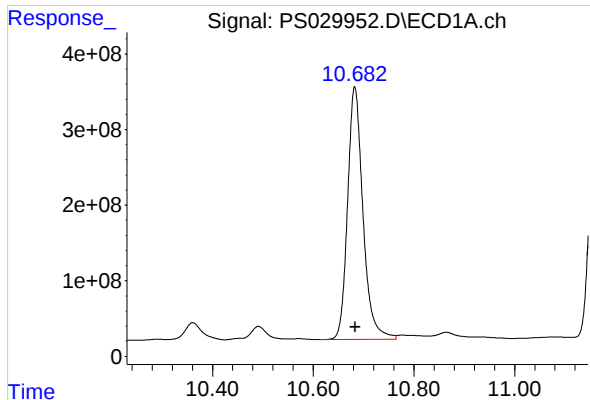
#14 DINOSEB

R.T.: 10.863 min
Delta R.T.: -0.003 min
Response: 153040875
Conc: 15.04 ng/ml



#14 DINOSEB

R.T.: 10.898 min
Delta R.T.: 0.016 min
Response: 283052561
Conc: 48.54 ng/ml



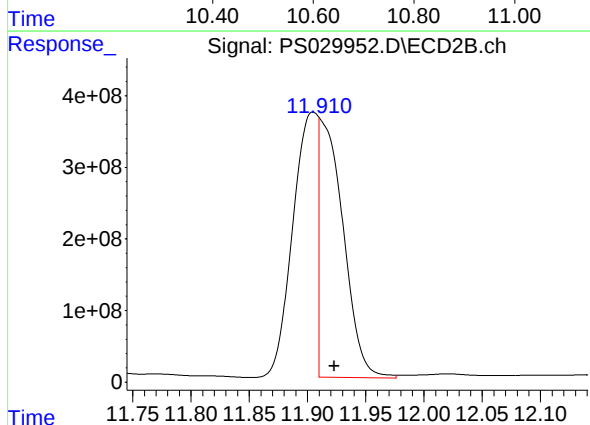
#15 Picloram

R.T.: 10.683 min
Delta R.T.: -0.001 min
Response: 7100392083
Conc: 387.35 ng/ml

Instrument :
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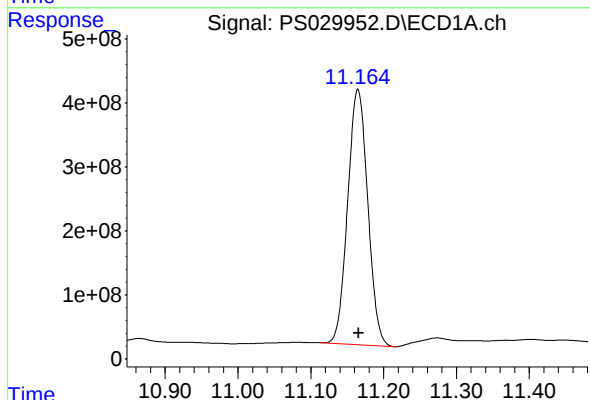
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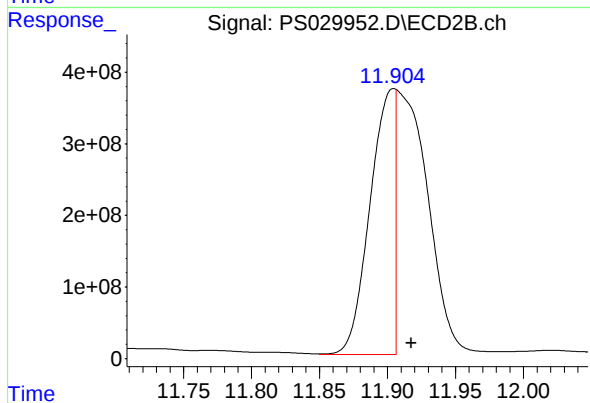
#15 Picloram

R.T.: 11.910 min
Delta R.T.: -0.013 min
Response: 5082974422
Conc: 413.80 ng/ml m



#16 DCPA

R.T.: 11.165 min
Delta R.T.: -0.001 min
Response: 7657002974
Conc: 449.86 ng/ml



#16 DCPA

R.T.: 11.904 min
Delta R.T.: -0.014 min
Response: 4702042768
Conc: 417.16 ng/ml m