

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS032825\
 Data File : PS029580.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Mar 2025 19:38
 Operator : AR\AJ
 Sample : Q1636-05MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 WC-2MSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/28/2025
 Supervised By : mohammad ahmed 04/01/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 28 03:22:43 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS032825.M
 Quant Title : 8080.M
 QLast Update : Thu Mar 27 12:24:58 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	7.113	7.534	1865.1E6	404.0E6	485.681	467.976
Target Compounds							
1) T	Dalapon	2.577	2.598	1748.9E6	879.9E6	295.005m	424.184m#
2) T	3,5-DICHL...	6.303	6.523	2423.2E6	453.7E6	423.896	368.194m
3) T	4-Nitroph...	6.918	7.072	320.0E6	274.0E6	300.724	339.211
5) T	DICAMBA	7.294	7.724	6310.0E6	1716.2E6	398.036	358.989
6) T	MCPD	7.471	7.828	368.8E6	67006662	32.400	32.364
7) T	MCPA	7.617	8.063	480.0E6	125.8E6	33.375	43.777 #
8) T	DICHLORPROP	7.990	8.425	1659.4E6	452.7E6	377.815	363.416m
9) T	2,4-D	8.220	8.745	2273.2E6	538.0E6	563.534	393.847 #
10) T	Pentachlo...	8.508	9.254	13640.7E6	4422.4E6	229.563	199.253
11) T	2,4,5-TP ...	9.080	9.630	8857.0E6	3407.3E6	380.210	386.106
12) T	2,4,5-T	9.372	10.041	7970.8E6	3029.1E6	386.962	380.036
13) T	2,4-DB	9.940	10.599	767.4E6	312.7E6	401.892m	340.250
14) T	DINOSEB	11.125	10.968	832.6E6	288.1E6	46.961m	48.605m
15) T	Picloram	10.951	12.033	5548.0E6	3419.1E6	385.454	274.052 #
16) T	DCPA	11.422	11.999	9532.9E6	4277.2E6	330.647	381.489

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

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Sample : Q1636-05MSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

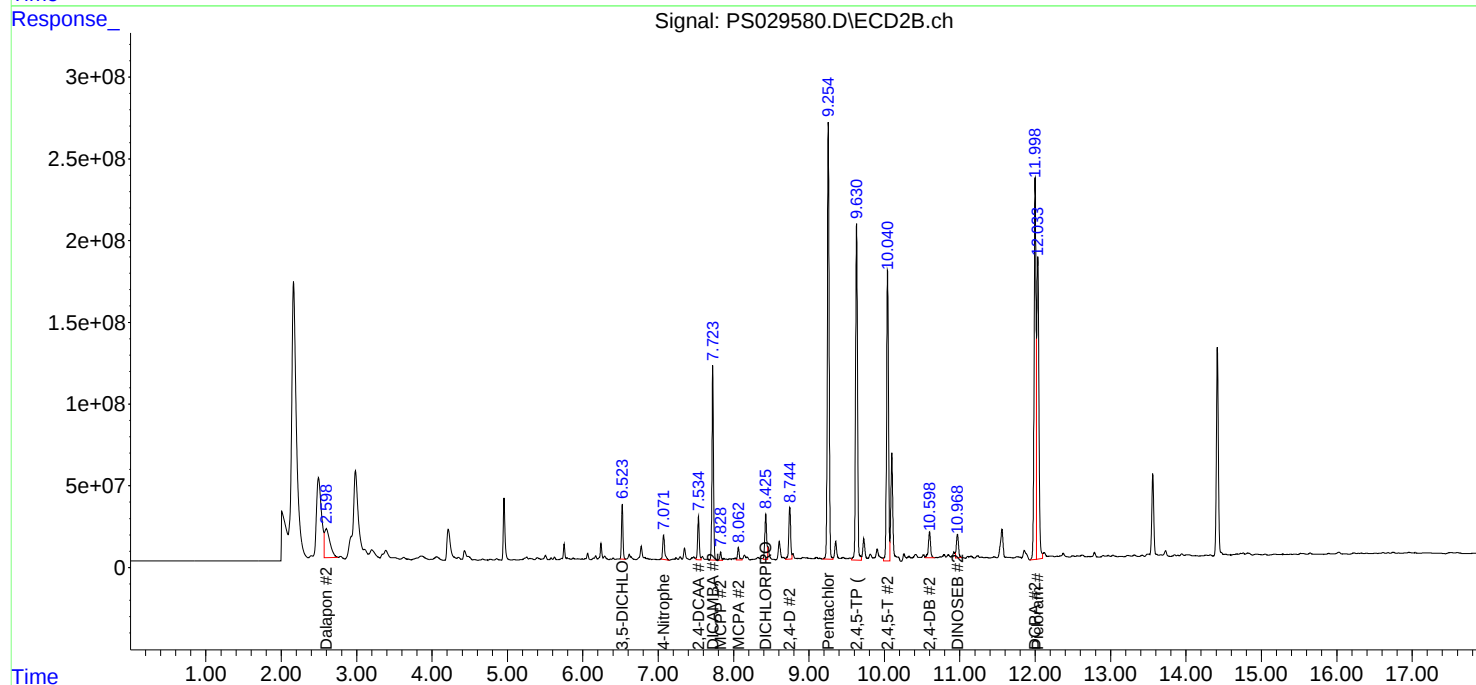
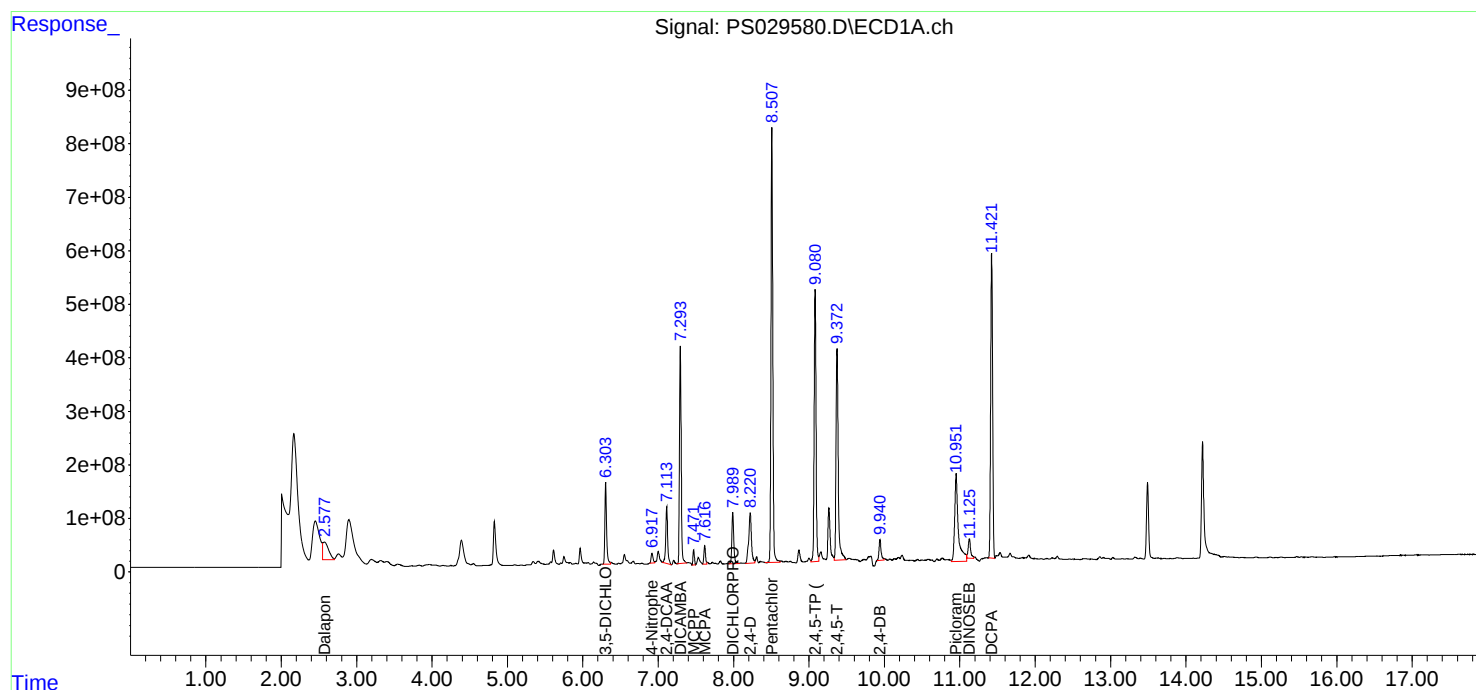
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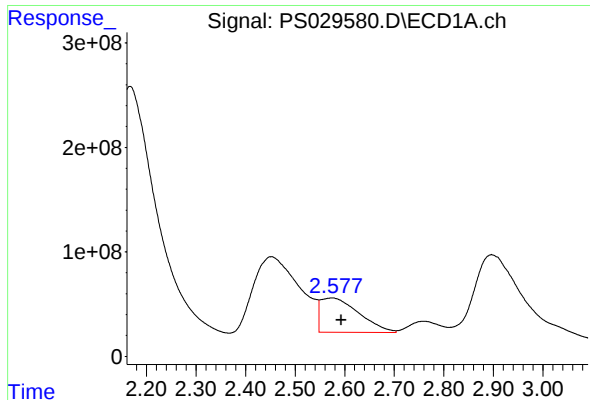
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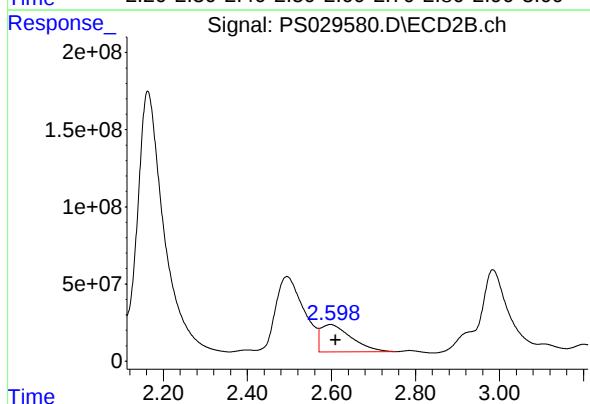
#1 Dalapon

R.T.: 2.577 min
Delta R.T.: -0.016 min
Response: 1748936099
Conc: 295.01 ng/ml

Instrument :
ECD_S
ClientSampleId :
WC-2MSD

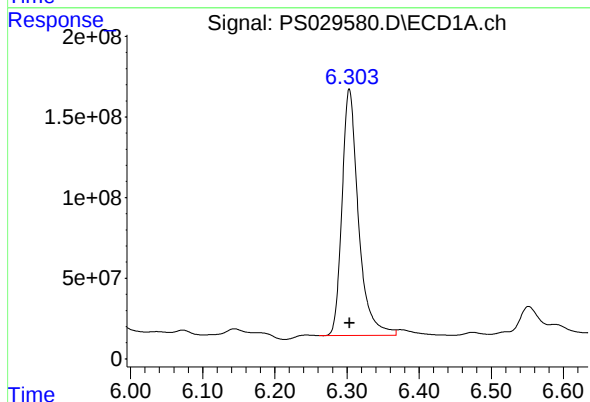
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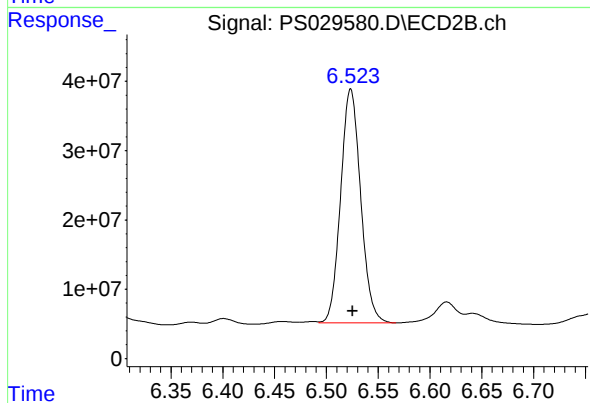
#1 Dalapon

R.T.: 2.598 min
Delta R.T.: -0.012 min
Response: 879883045
Conc: 424.18 ng/ml



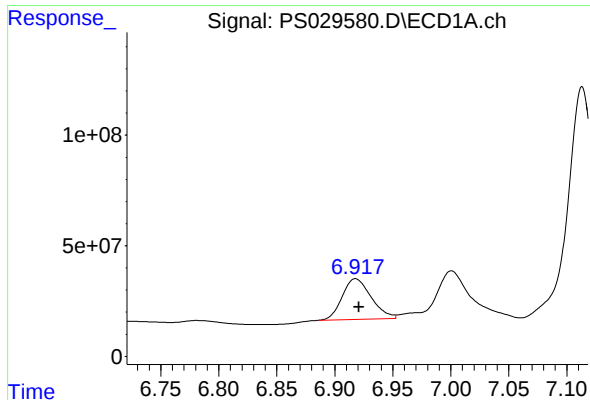
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.303 min
Delta R.T.: 0.000 min
Response: 2423226682
Conc: 423.90 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.523 min
Delta R.T.: -0.002 min
Response: 453672170
Conc: 368.19 ng/ml



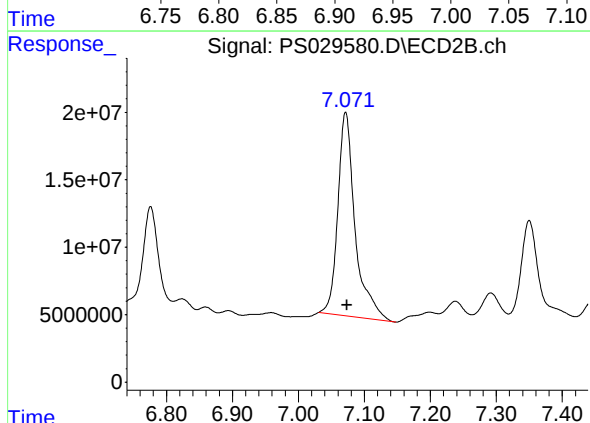
#3 4-Nitrophenol

R.T.: 6.918 min
Delta R.T.: -0.003 min
Response: 319967048
Conc: 300.72 ng/ml

Instrument :
ECD_S
ClientSampleId :
WC-2MSD

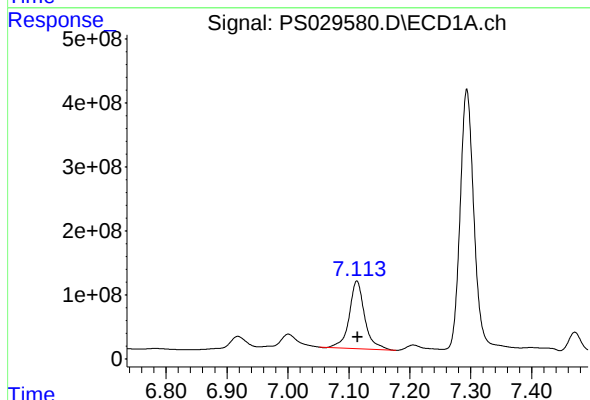
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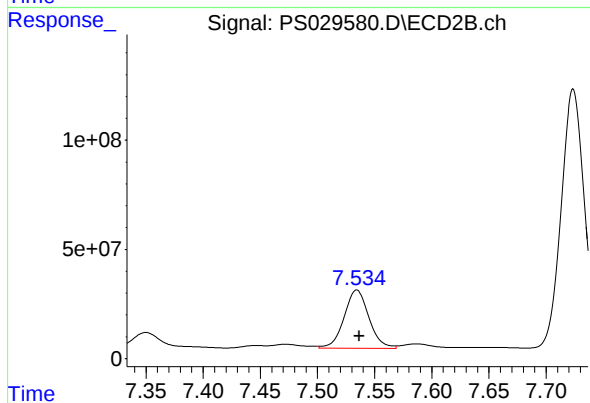
#3 4-Nitrophenol

R.T.: 7.072 min
Delta R.T.: -0.002 min
Response: 274026175
Conc: 339.21 ng/ml



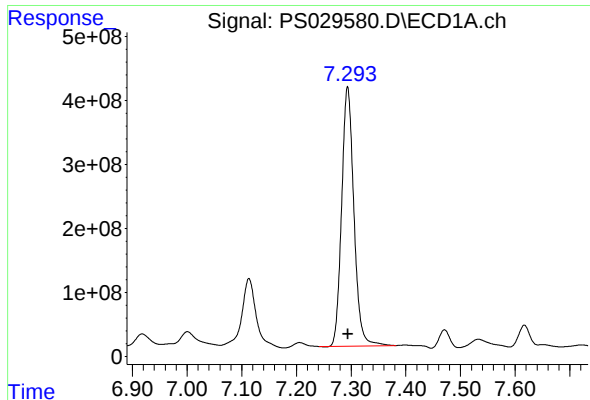
#4 2,4-DCAA

R.T.: 7.113 min
Delta R.T.: -0.002 min
Response: 1865060868
Conc: 485.68 ng/ml



#4 2,4-DCAA

R.T.: 7.534 min
Delta R.T.: -0.002 min
Response: 404002513
Conc: 467.98 ng/ml



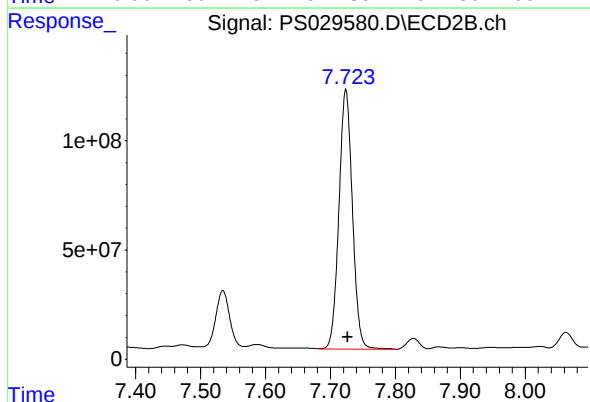
#5 DICAMBA

R.T.: 7.294 min
Delta R.T.: 0.000 min
Response: 6310034091
Conc: 398.04 ng/ml

Instrument :
ECD_S
ClientSampleId :
WC-2MSD

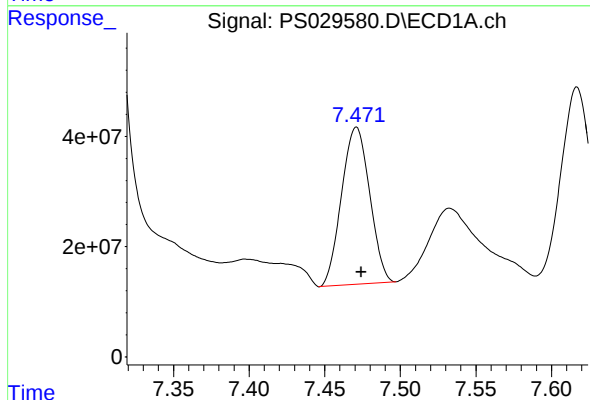
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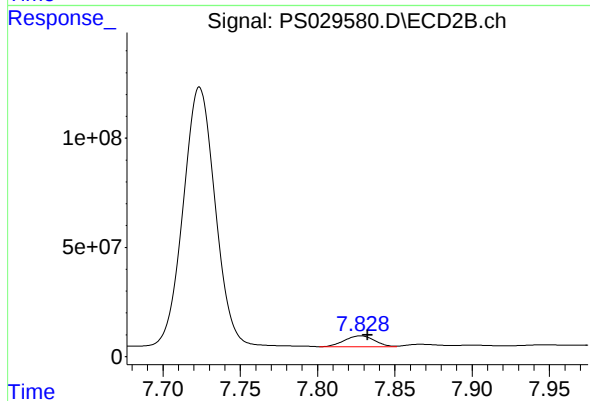
#5 DICAMBA

R.T.: 7.724 min
Delta R.T.: -0.002 min
Response: 1716240770
Conc: 358.99 ng/ml



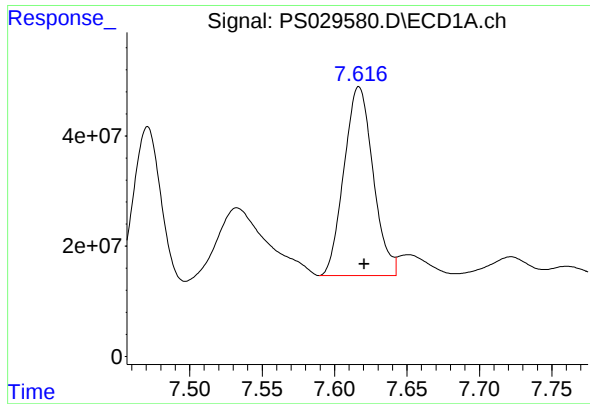
#6 MCPP

R.T.: 7.471 min
Delta R.T.: -0.003 min
Response: 368815635
Conc: 32.40 ug/ml



#6 MCPP

R.T.: 7.828 min
Delta R.T.: -0.005 min
Response: 67006662
Conc: 32.36 ug/ml



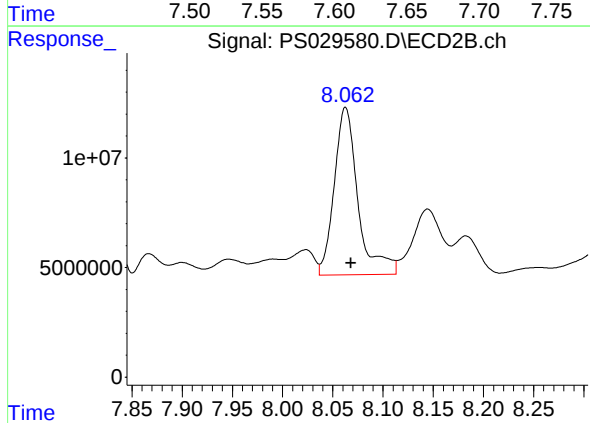
#7 MCPA

R.T.: 7.617 min
Delta R.T.: -0.004 min
Response: 48000103
Conc: 33.38 ug/ml

Instrument :
ECD_S
ClientSampleId :
WC-2MSD

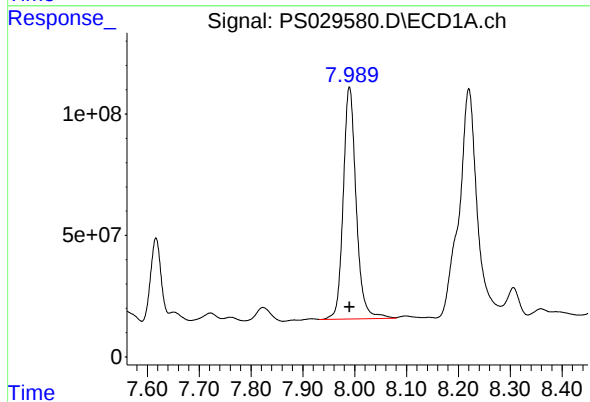
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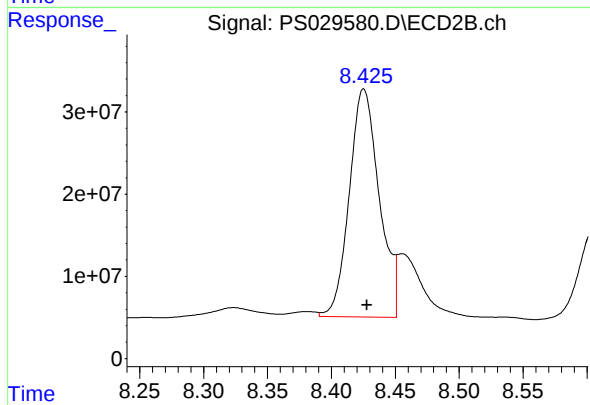
#7 MCPA

R.T.: 8.063 min
Delta R.T.: -0.005 min
Response: 125821496
Conc: 43.78 ug/ml



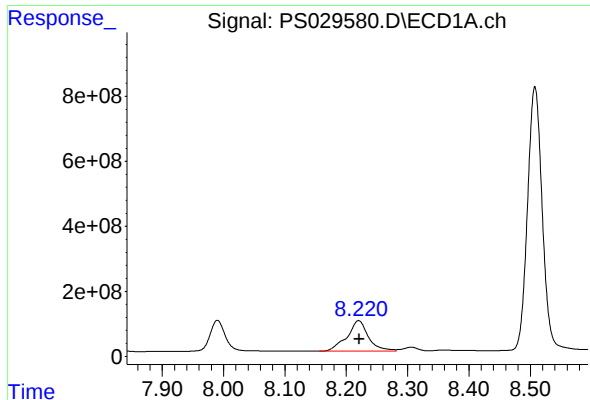
#8 DICHLORPROP

R.T.: 7.990 min
Delta R.T.: 0.000 min
Response: 1659354916
Conc: 377.82 ng/ml



#8 DICHLORPROP

R.T.: 8.425 min
Delta R.T.: -0.003 min
Response: 452671179
Conc: 363.42 ng/ml m



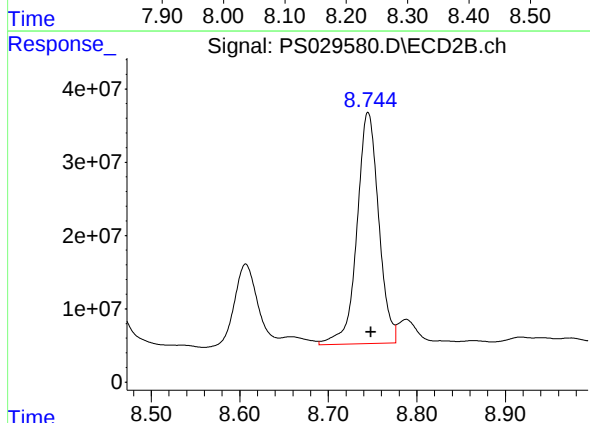
#9 2,4-D

R.T.: 8.220 min
Delta R.T.: -0.001 min
Response: 2273166705
Conc: 563.53 ng/ml

Instrument :
ECD_S
ClientSampleId :
WC-2MSD

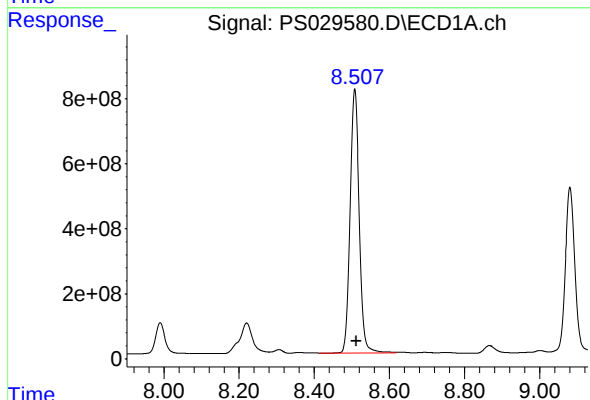
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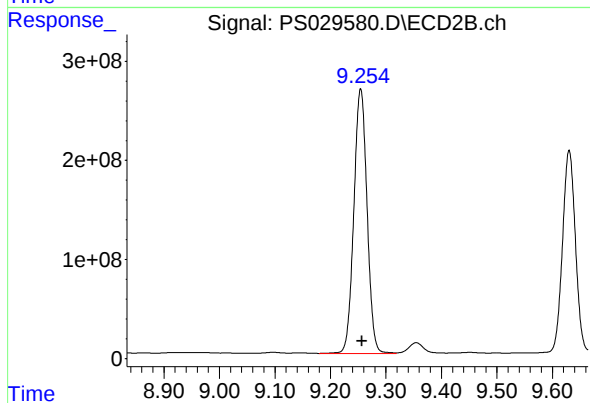
#9 2,4-D

R.T.: 8.745 min
Delta R.T.: -0.003 min
Response: 537988044
Conc: 393.85 ng/ml



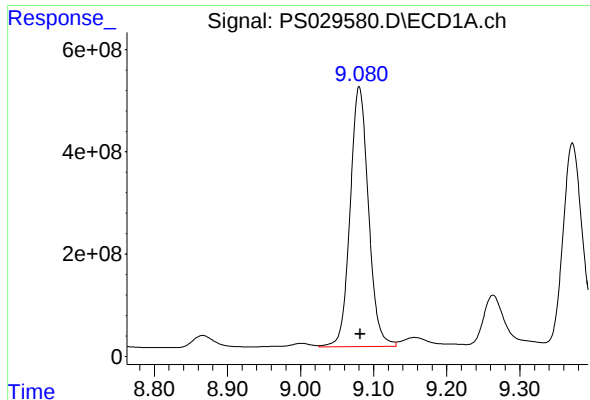
#10 Pentachlorophenol

R.T.: 8.508 min
Delta R.T.: -0.004 min
Response: 13640665281
Conc: 229.56 ng/ml



#10 Pentachlorophenol

R.T.: 9.254 min
Delta R.T.: -0.003 min
Response: 4422360612
Conc: 199.25 ng/ml



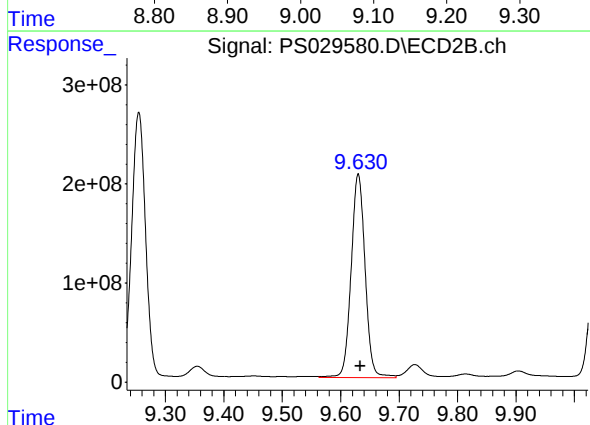
#11 2,4,5-TP (SILVEX)

R.T.: 9.080 min
Delta R.T.: -0.002 min
Response: 8857015244
Conc: 380.21 ng/ml

Instrument :
ECD_S
ClientSampleId :
WC-2MSD

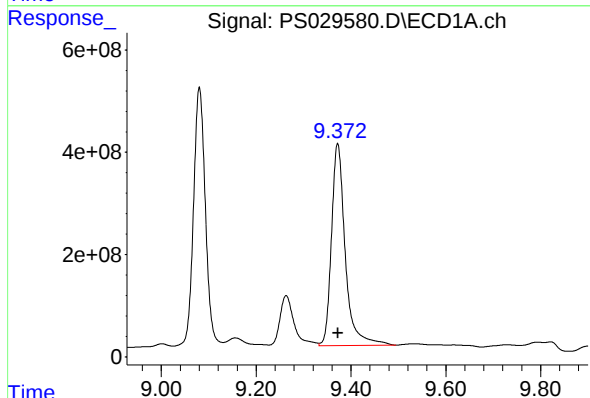
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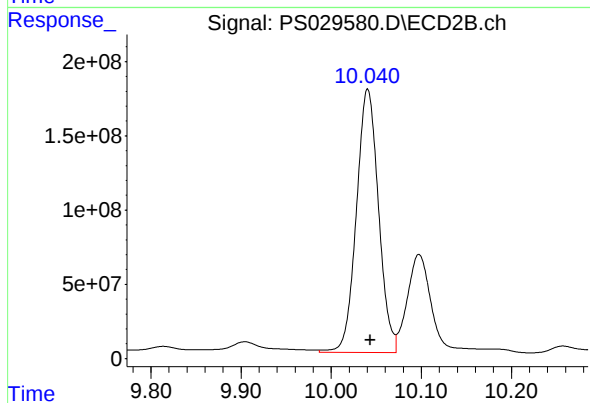
#11 2,4,5-TP (SILVEX)

R.T.: 9.630 min
Delta R.T.: -0.004 min
Response: 3407287346
Conc: 386.11 ng/ml



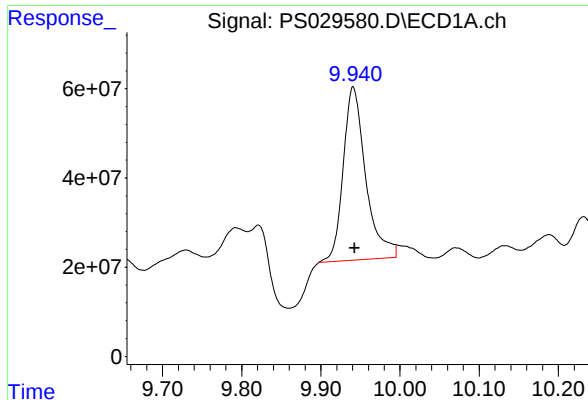
#12 2,4,5-T

R.T.: 9.372 min
Delta R.T.: 0.000 min
Response: 7970763293
Conc: 386.96 ng/ml



#12 2,4,5-T

R.T.: 10.041 min
Delta R.T.: -0.003 min
Response: 3029136769
Conc: 380.04 ng/ml



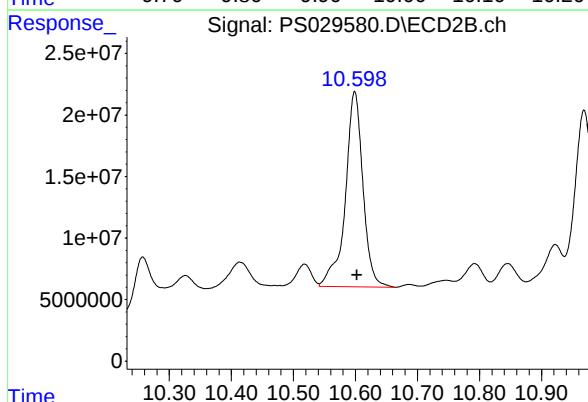
#13 2,4-DB

R.T.: 9.940 min
Delta R.T.: -0.003 min
Response: 767351992
Conc: 401.89 ng/ml

Instrument :
ECD_S
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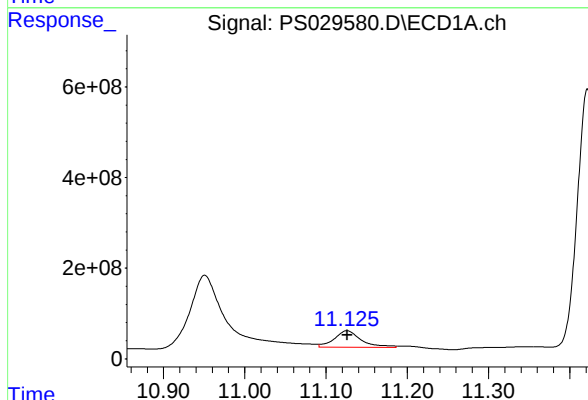
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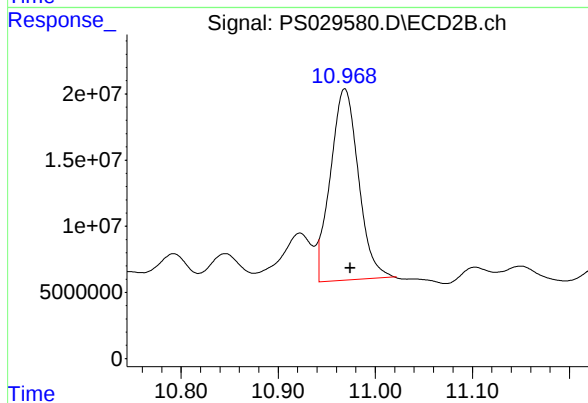
#13 2,4-DB

R.T.: 10.599 min
Delta R.T.: -0.003 min
Response: 312674808
Conc: 340.25 ng/ml



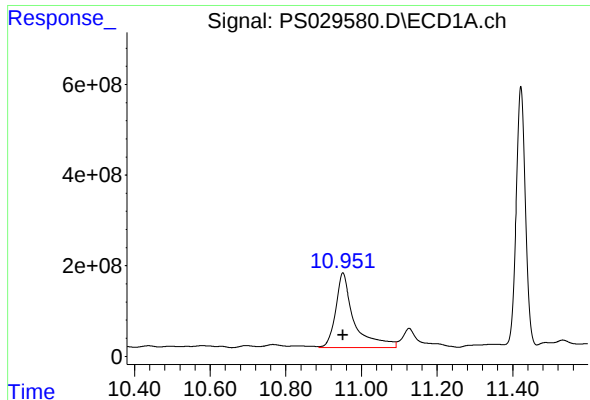
#14 DINOSEB

R.T.: 11.125 min
Delta R.T.: 0.000 min
Response: 832630142
Conc: 46.96 ng/ml m



#14 DINOSEB

R.T.: 10.968 min
Delta R.T.: -0.006 min
Response: 288124438
Conc: 48.60 ng/ml m



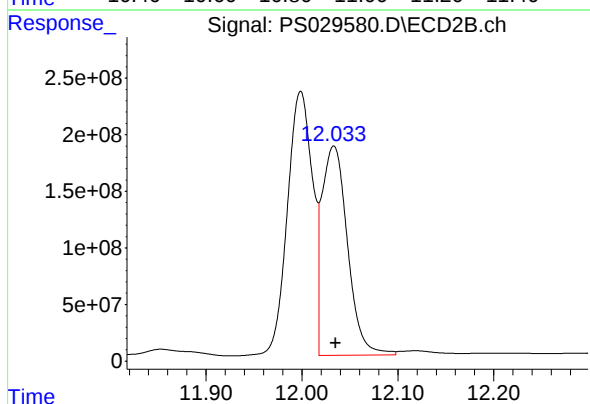
#15 Picloram

R.T.: 10.951 min
Delta R.T.: 0.000 min
Response: 5548035220
Conc: 385.45 ng/ml

Instrument :
ECD_S
ClientSampleId :
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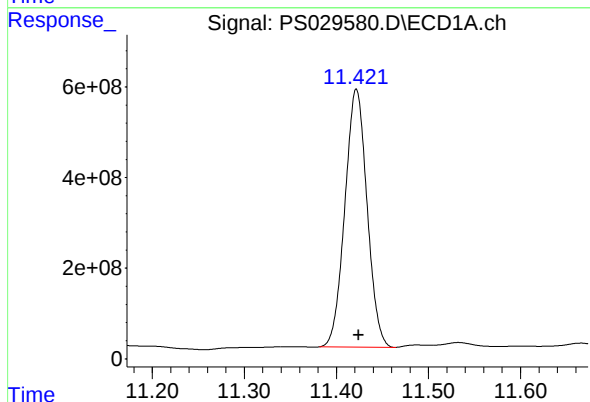
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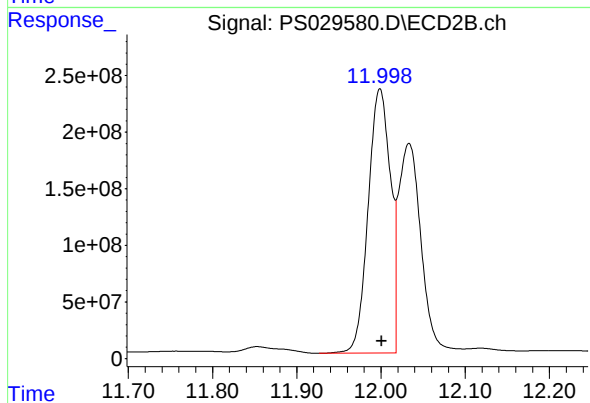
#15 Picloram

R.T.: 12.033 min
Delta R.T.: -0.002 min
Response: 3419120895
Conc: 274.05 ng/ml



#16 DCPA

R.T.: 11.422 min
Delta R.T.: -0.002 min
Response: 9532851890
Conc: 330.65 ng/ml



#16 DCPA

R.T.: 11.999 min
Delta R.T.: -0.002 min
Response: 4277185493
Conc: 381.49 ng/ml