

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS032825\
 Data File : PS029590.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Mar 2025 00:03
 Operator : AR\AJ
 Sample : Q1648-13MS
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 TP-2MS

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 03:24:39 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	7.535	1062.6E6	238.2E6	276.712m	275.869
Target Compounds							
2) T	3,5-DICHL...	6.305	6.525	971.4E6	187.2E6	169.927	151.894
3) T	4-Nitroph...	6.923	7.074	148.9E6	122.6E6	139.946m	151.751m
5) T	DICAMBA	7.294	7.724	3668.9E6	934.4E6	231.432m	195.459
6) T	MCPD	7.471	7.822	80632864	43409951	7.084	20.967 #
7) T	MCPA	7.616	8.064	324.0E6	85934035	22.527m	29.899 #
8) T	DICHLORPROP	7.992	8.426	614.2E6	185.4E6	139.838	148.842
9) T	2,4-D	8.225	8.746	1297.0E6	308.7E6	321.524	225.962 #
10) T	Pentachlo...	8.508	9.255	5008.7E6	1660.3E6	84.293m	74.806
11) T	2,4,5-TP ...	9.082	9.631	2252.6E6	791.9E6	96.701	89.735m
12) T	2,4,5-T	9.374	10.042	2890.2E6	1077.2E6	140.312	135.146
13) T	2,4-DB	9.945	10.600	202.4E6	140.3E6	105.993	152.624 #
15) T	Picloram	10.951	12.033	4486.3E6	2536.3E6	311.689m	203.295m#
16) T	DCPA	11.424	11.998	9889.8E6	4206.9E6	343.029	375.219m

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

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Operator : AR\AJ
Sample : Q1648-13MS
Misc :
ALS Vial : 29 Sample Multiplier: 1

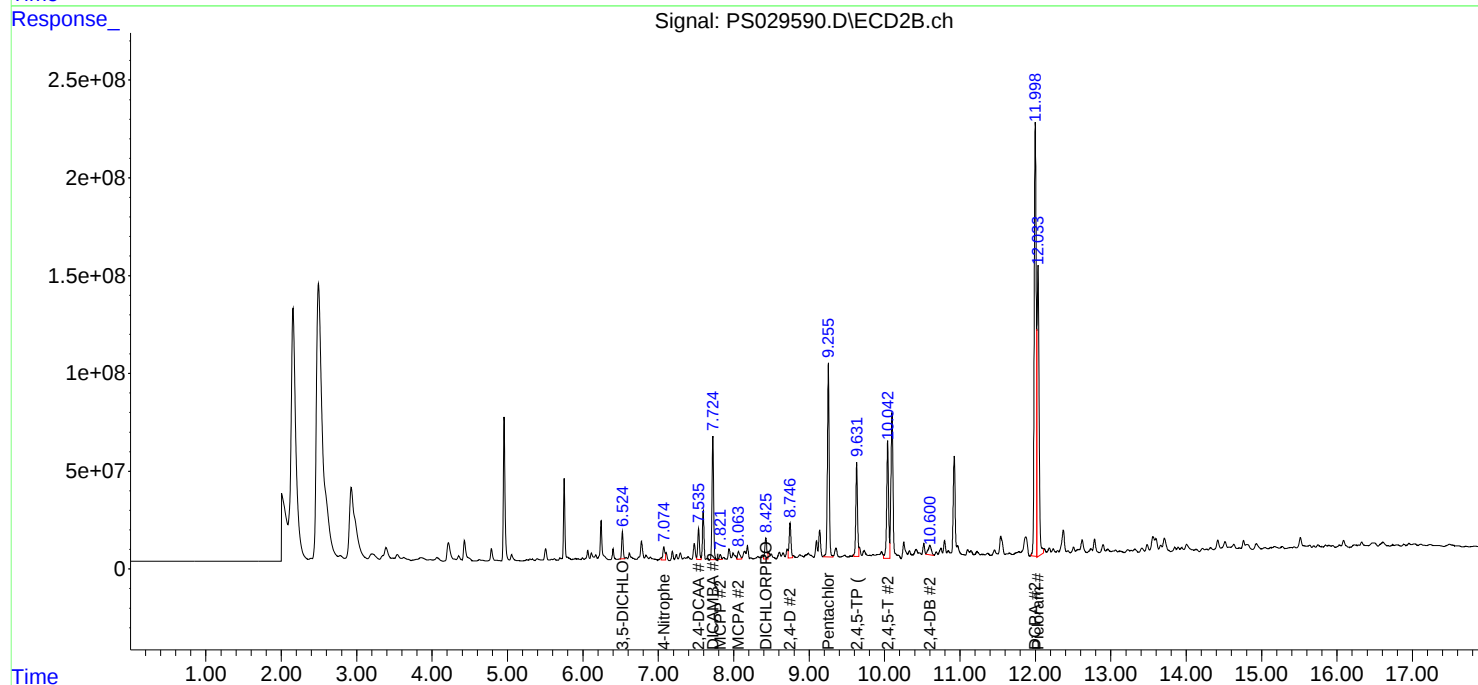
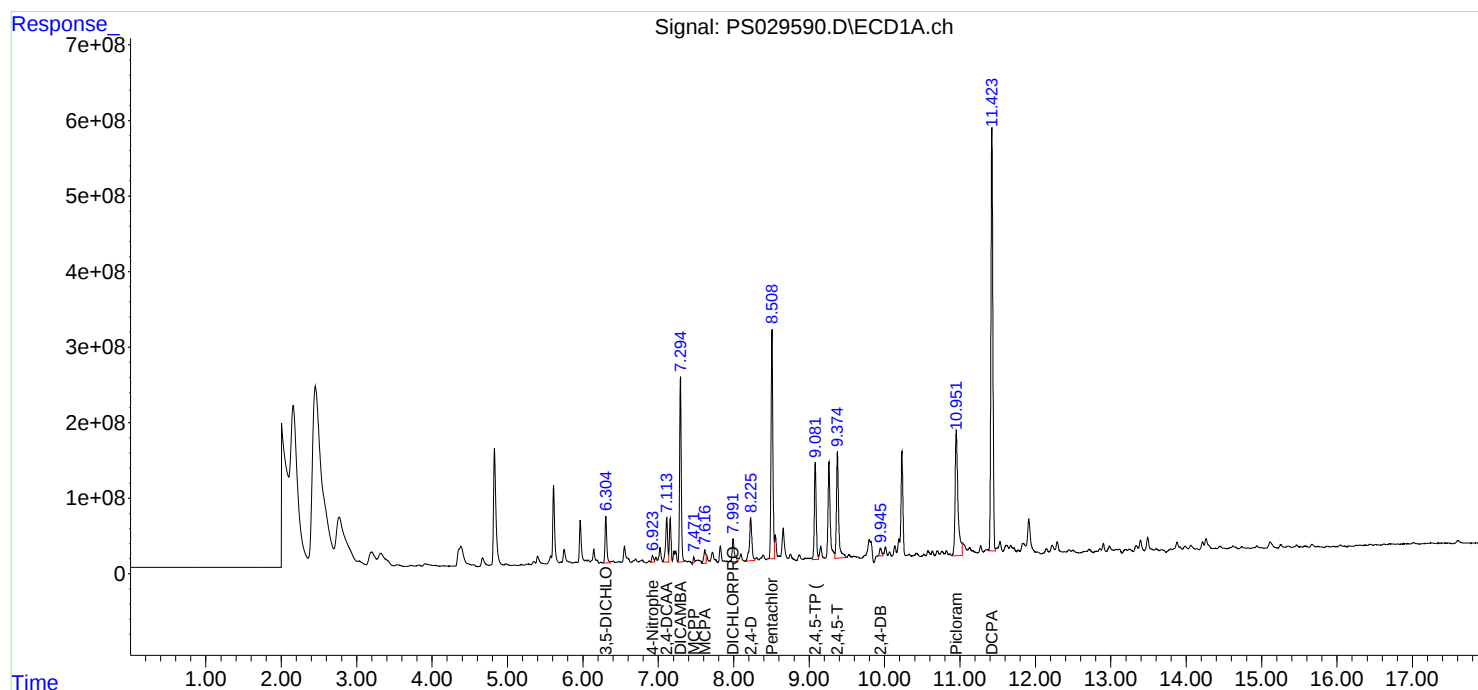
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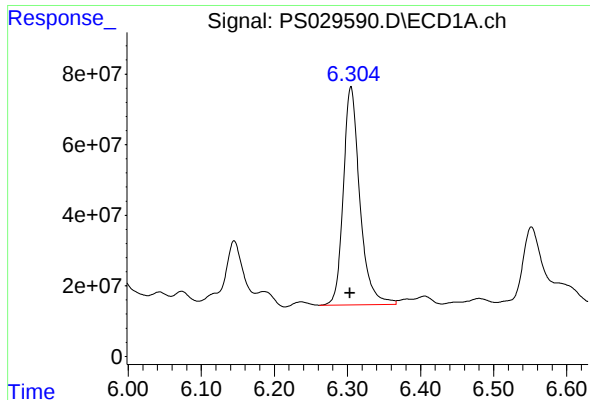
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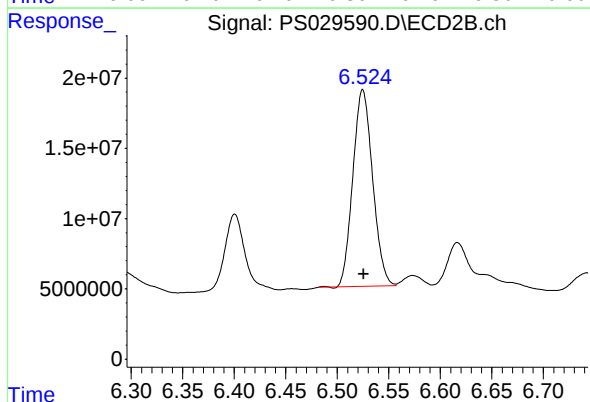
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.305 min
Delta R.T.: 0.001 min
Response: 971398346
Conc: 169.93 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-2MS

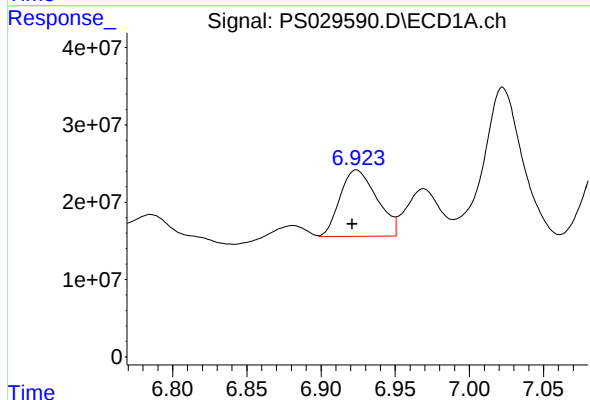
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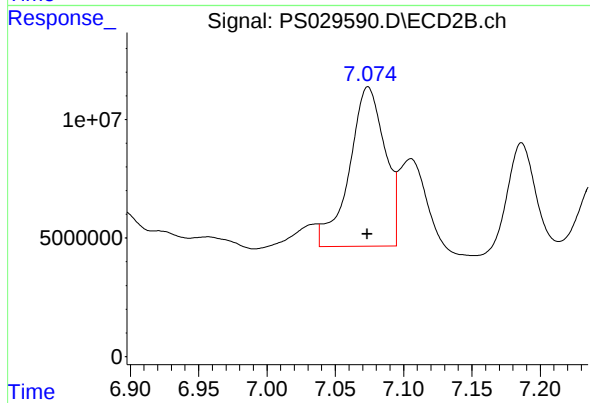
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.525 min
Delta R.T.: 0.000 min
Response: 187156702
Conc: 151.89 ng/ml



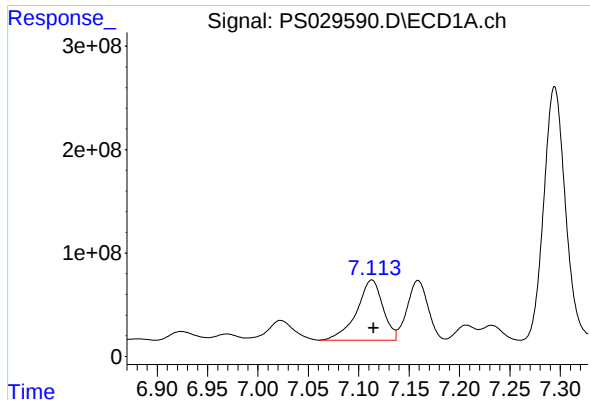
#3 4-Nitrophenol

R.T.: 6.923 min
Delta R.T.: 0.002 min
Response: 148901285
Conc: 139.95 ng/ml m



#3 4-Nitrophenol

R.T.: 7.074 min
Delta R.T.: 0.000 min
Response: 122589276
Conc: 151.75 ng/ml m



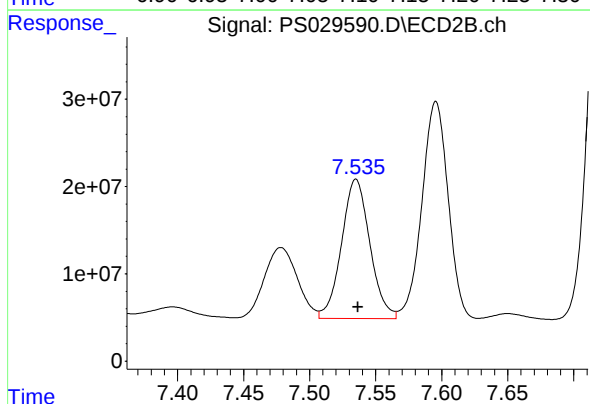
#4 2,4-DCAA

R.T.: 7.113 min
Delta R.T.: -0.002 min
Response: 1062599165
Conc: 276.71 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-2MS

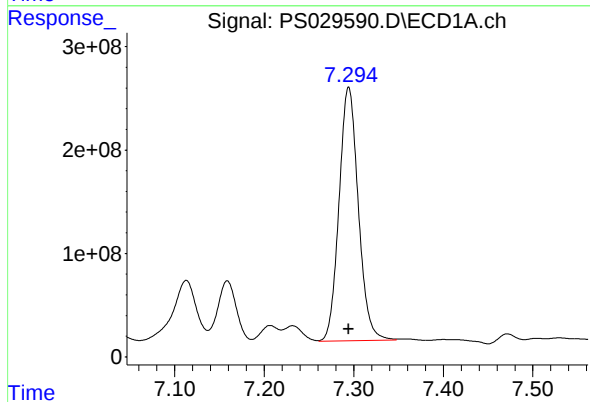
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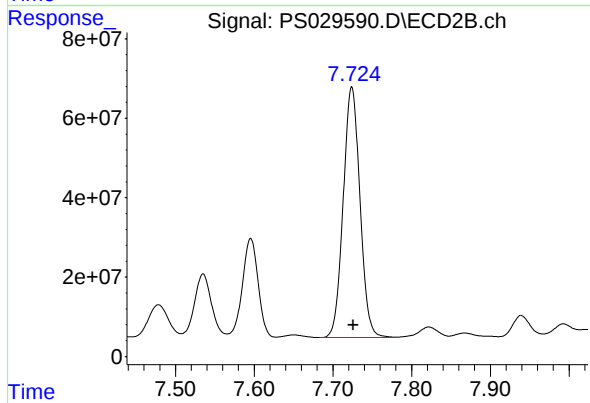
#4 2,4-DCAA

R.T.: 7.535 min
Delta R.T.: -0.002 min
Response: 238156627
Conc: 275.87 ng/ml



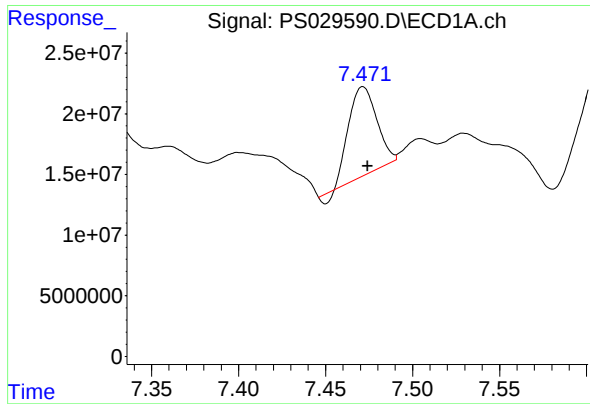
#5 DICAMBA

R.T.: 7.294 min
Delta R.T.: 0.000 min
Response: 3668871895
Conc: 231.43 ng/ml m



#5 DICAMBA

R.T.: 7.724 min
Delta R.T.: -0.002 min
Response: 934442036
Conc: 195.46 ng/ml



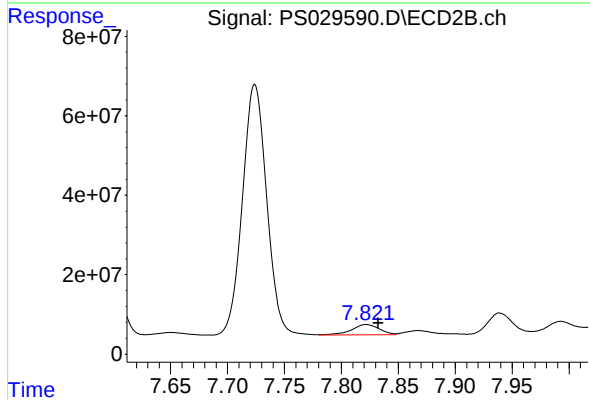
#6 MCPP

R.T.: 7.471 min
Delta R.T.: -0.003 min
Response: 80632864
Conc: 7.08 ug/ml

Instrument :
ECD_S
ClientSampleId :
TP-2MS

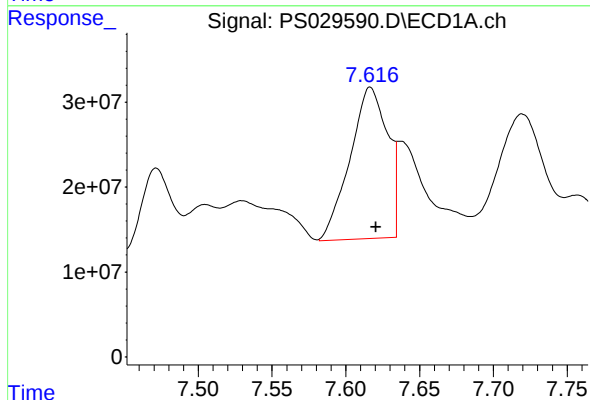
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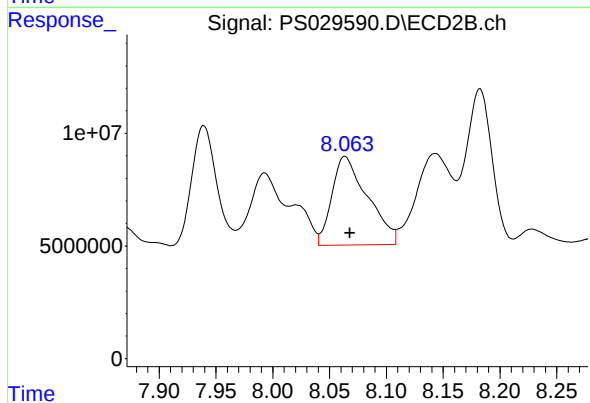
#6 MCPP

R.T.: 7.822 min
Delta R.T.: -0.010 min
Response: 43409951
Conc: 20.97 ug/ml



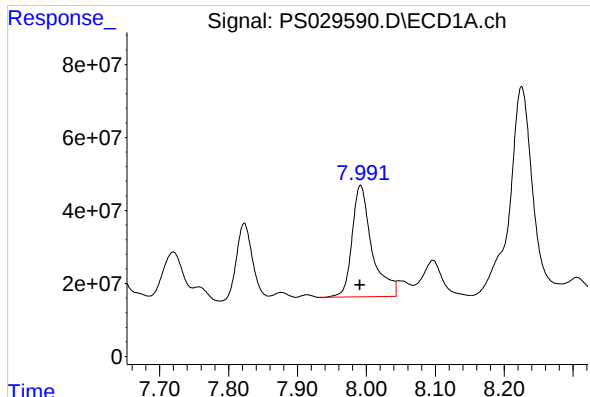
#7 MCPA

R.T.: 7.616 min
Delta R.T.: -0.004 min
Response: 323977584
Conc: 22.53 ug/ml m



#7 MCPA

R.T.: 8.064 min
Delta R.T.: -0.005 min
Response: 85934035
Conc: 29.90 ug/ml



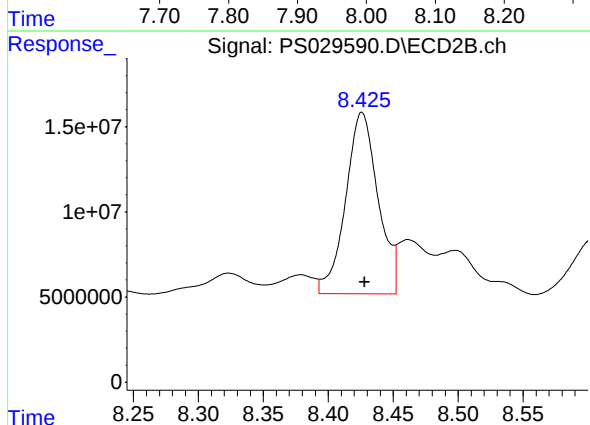
#8 DICHLORPROP

R.T.: 7.992 min
Delta R.T.: 0.000 min
Response: 614165004
Conc: 139.84 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-2MS

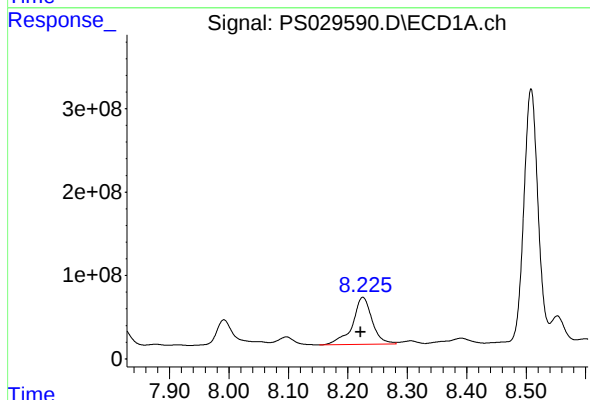
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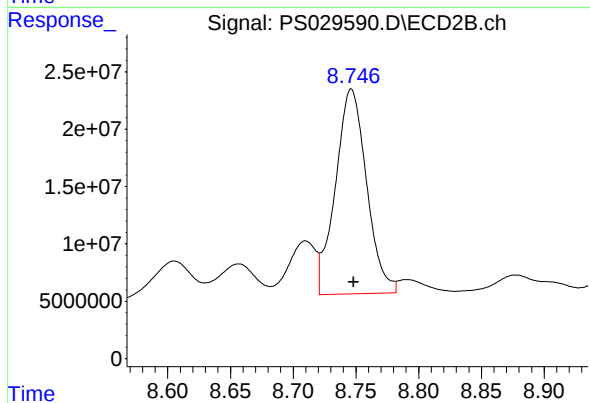
#8 DICHLORPROP

R.T.: 8.426 min
Delta R.T.: -0.002 min
Response: 185397519
Conc: 148.84 ng/ml



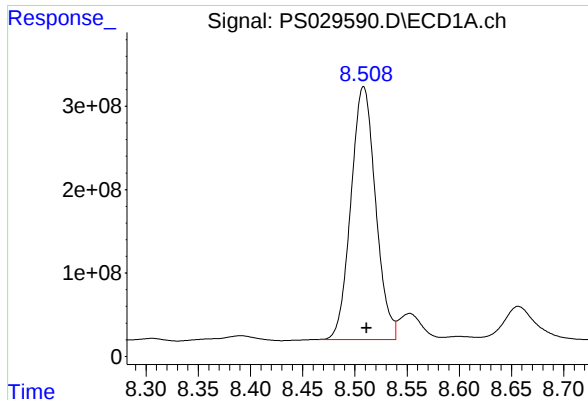
#9 2,4-D

R.T.: 8.225 min
Delta R.T.: 0.004 min
Response: 1296955402
Conc: 321.52 ng/ml



#9 2,4-D

R.T.: 8.746 min
Delta R.T.: -0.002 min
Response: 308660916
Conc: 225.96 ng/ml



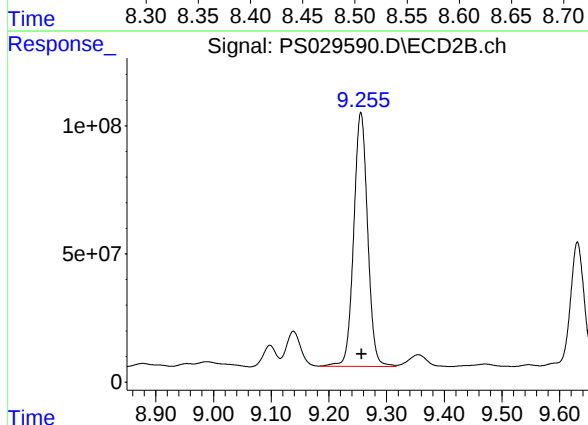
#10 Pentachlorophenol

R.T.: 8.508 min
Delta R.T.: -0.003 min
Response: 5008717496
Conc: 84.29 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-2MS

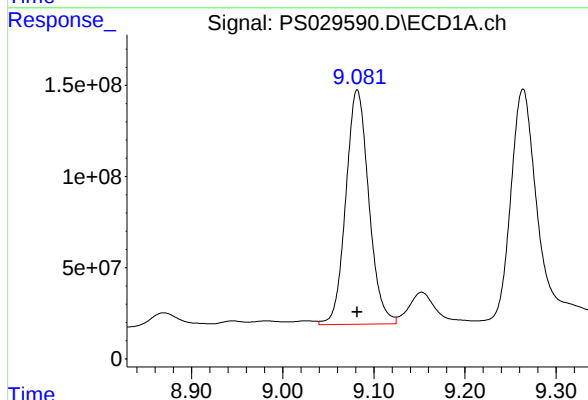
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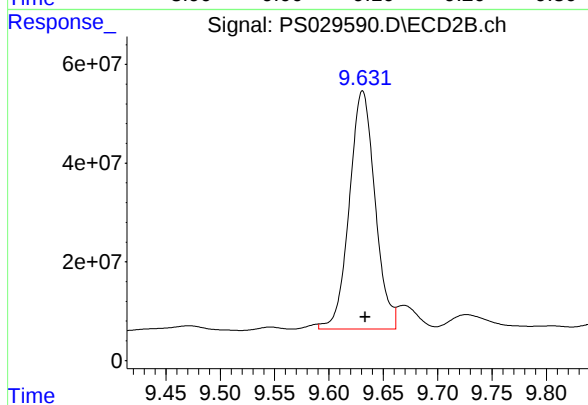
#10 Pentachlorophenol

R.T.: 9.255 min
Delta R.T.: -0.002 min
Response: 1660306077
Conc: 74.81 ng/ml



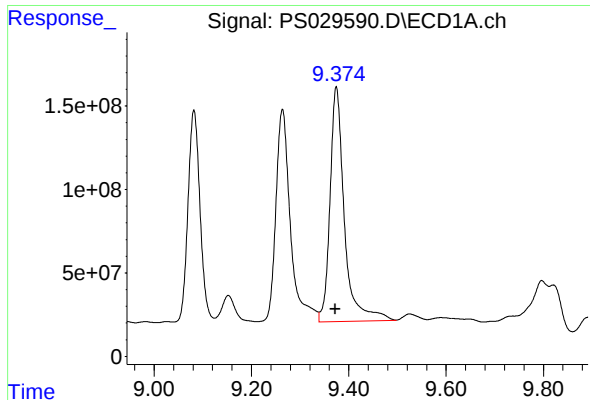
#11 2,4,5-TP (SILVEX)

R.T.: 9.082 min
Delta R.T.: 0.000 min
Response: 2252646562
Conc: 96.70 ng/ml



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

R.T.: 9.631 min
Delta R.T.: -0.003 min
Response: 791887164
Conc: 89.73 ng/ml m



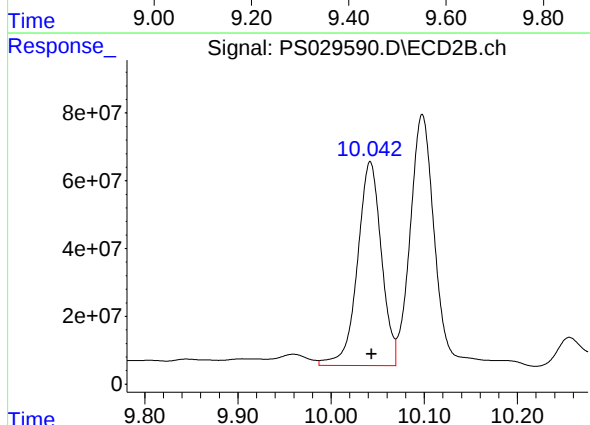
#12 2,4,5-T

R.T.: 9.374 min
Delta R.T.: 0.002 min
Response: 2890192717
Conc: 140.31 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-2MS

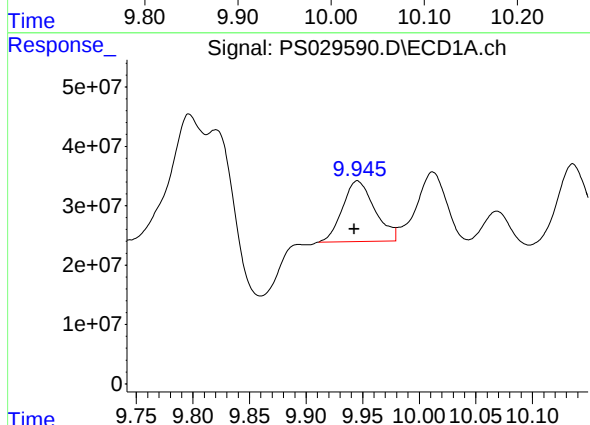
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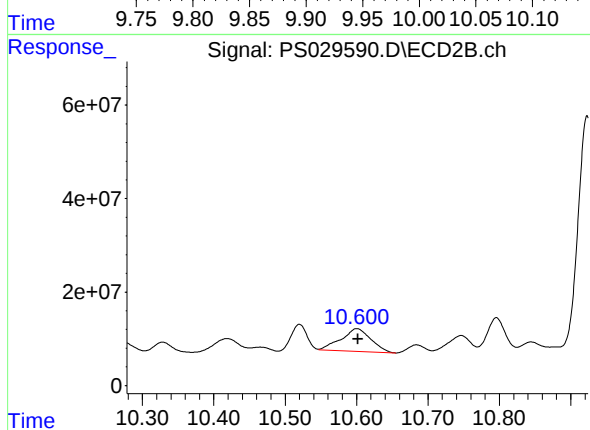
#12 2,4,5-T

R.T.: 10.042 min
Delta R.T.: -0.001 min
Response: 1077199897
Conc: 135.15 ng/ml



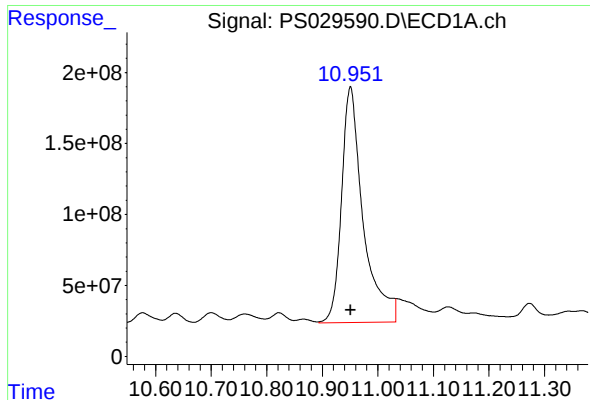
#13 2,4-DB

R.T.: 9.945 min
Delta R.T.: 0.003 min
Response: 202377042
Conc: 105.99 ng/ml



#13 2,4-DB

R.T.: 10.600 min
Delta R.T.: -0.002 min
Response: 140254703
Conc: 152.62 ng/ml



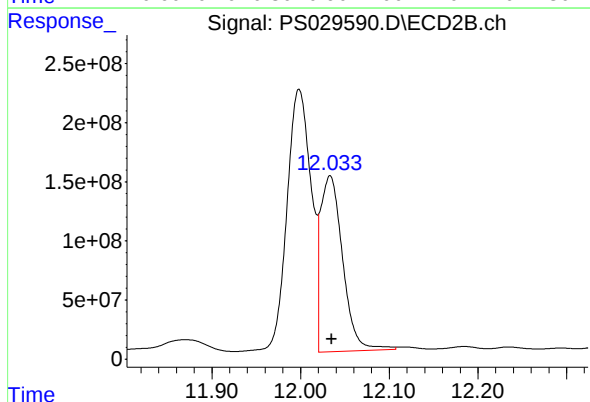
#15 Picloram

R.T.: 10.951 min
Delta R.T.: 0.000 min
Response: 4486296418
Conc: 311.69 ng/ml

Instrument :
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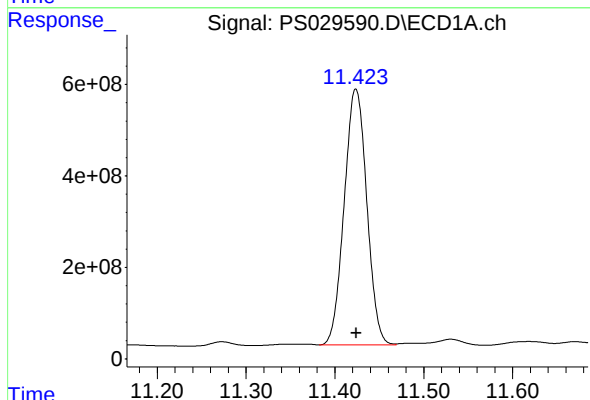
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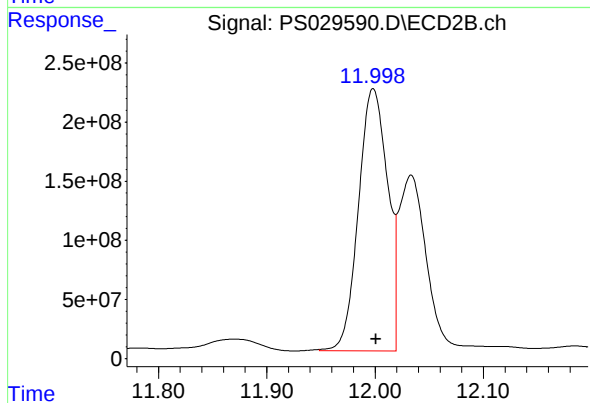
#15 Picloram

R.T.: 12.033 min
Delta R.T.: -0.002 min
Response: 2536345113
Conc: 203.29 ng/ml m



#16 DCPA

R.T.: 11.424 min
Delta R.T.: 0.000 min
Response: 9889848930
Conc: 343.03 ng/ml



#16 DCPA

R.T.: 11.998 min
Delta R.T.: -0.003 min
Response: 4206887909
Conc: 375.22 ng/ml m