

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS032825\
 Data File : PS029591.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Mar 2025 00:27
 Operator : AR\AJ
 Sample : Q1648-13MSD
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 TP-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 03:24:49 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	7.112	7.534	990.8E6	236.6E6	258.018	274.069
Target Compounds							
2) T	3,5-DICHL...	6.304	6.524	966.6E6	186.6E6	169.094	151.457
3) T	4-Nitroph...	6.921	7.073	138.5E6	133.1E6	130.173m	164.717m#
5) T	DICAMBA	7.292	7.723	3664.1E6	936.0E6	231.129m	195.790
6) T	MCPD	7.471	7.821	114.3E6	45428187	10.038m	21.941 #
7) T	MCPA	7.614	8.063	352.6E6	80909074	24.515m	28.151
8) T	DICHLORPROP	7.990	8.425	683.2E6	183.6E6	155.551	147.366
9) T	2,4-D	8.223	8.746	1333.7E6	309.2E6	330.638	226.332 #
10) T	Pentachlo...	8.507	9.254	4969.1E6	1640.1E6	83.627m	73.898
11) T	2,4,5-TP ...	9.081	9.630	2236.2E6	789.5E6	95.993	89.466m
12) T	2,4,5-T	9.372	10.040	2896.4E6	1074.1E6	140.614	134.757
13) T	2,4-DB	9.943	10.599	194.2E6	137.6E6	101.690	149.755 #
15) T	Picloram	10.948	12.032	4411.3E6	2714.6E6	306.479	217.583 #
16) T	DCPA	11.422	11.997	10030.8E6	4213.8E6	347.918	375.836

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

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Acq On : 28 Mar 2025 00:27
Operator : AR\AJ
Sample : Q1648-13MSD
Misc :
ALS Vial : 30 Sample Multiplier: 1

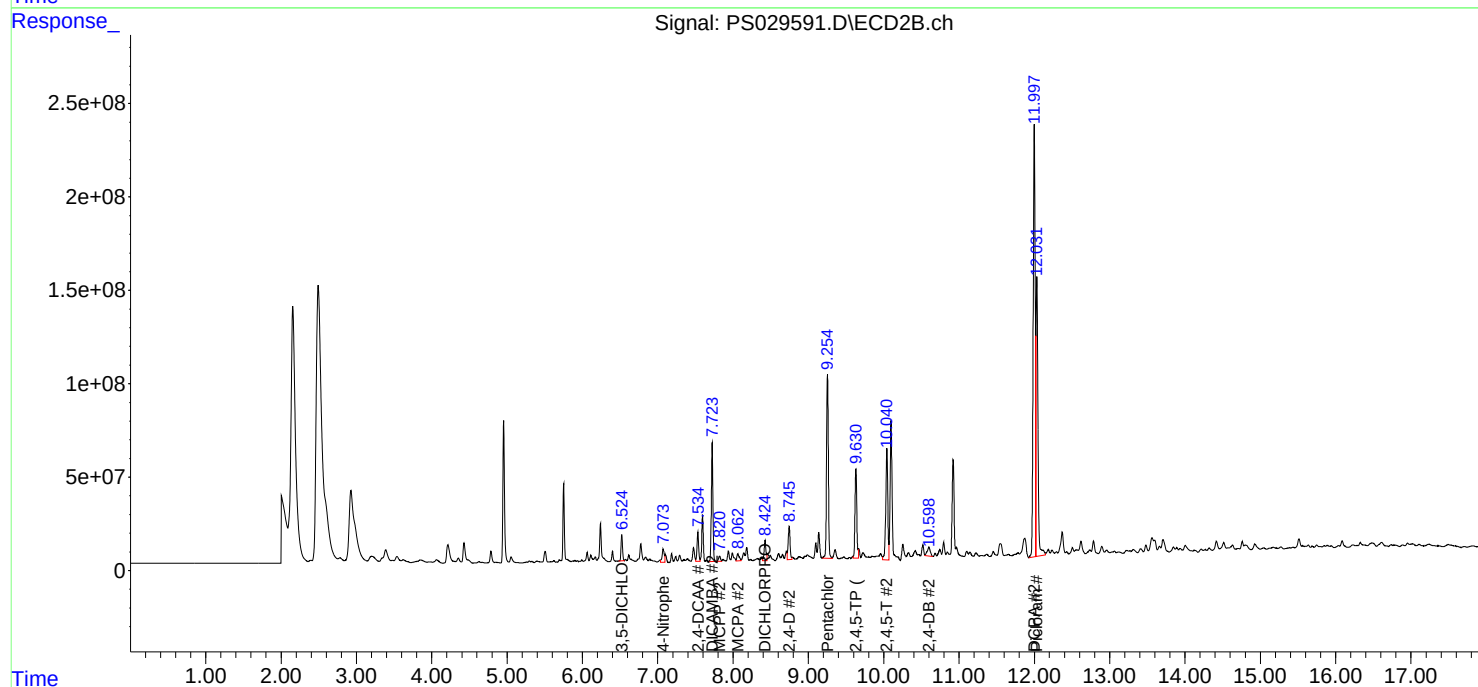
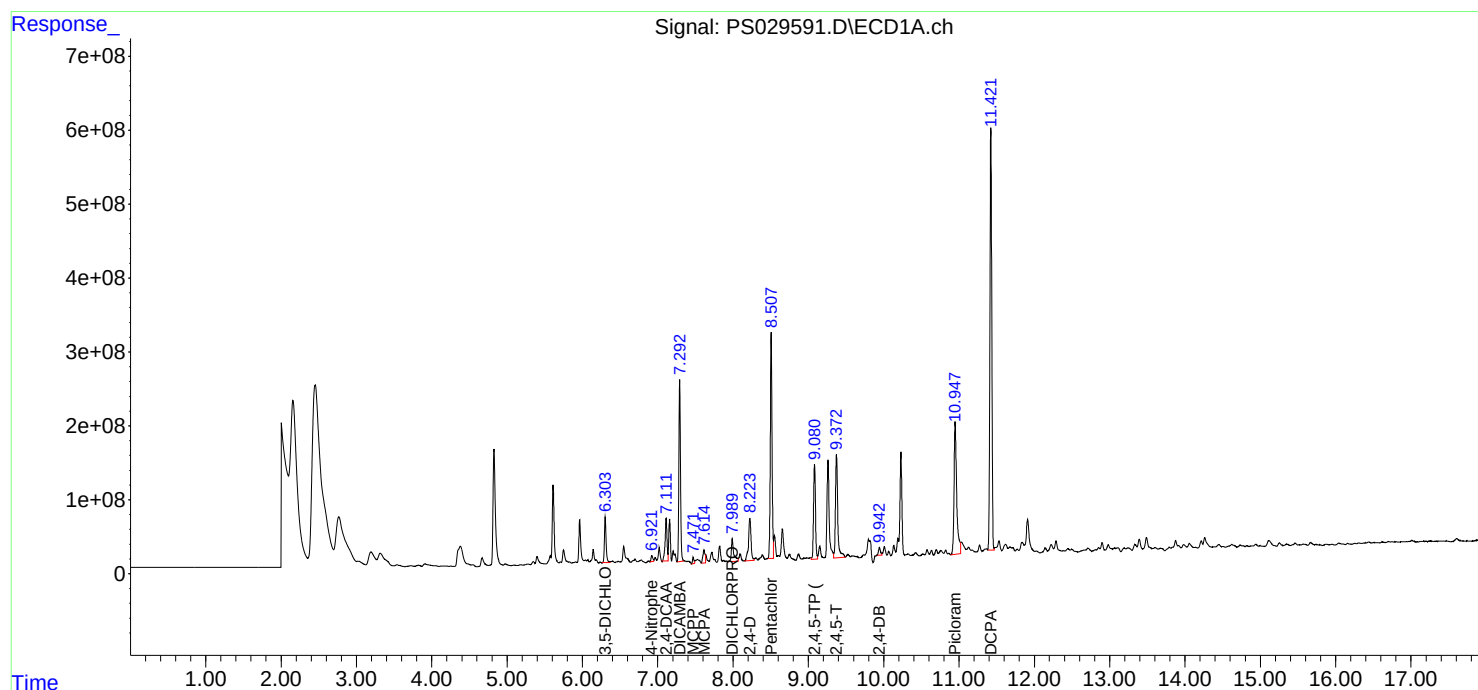
Instrument :
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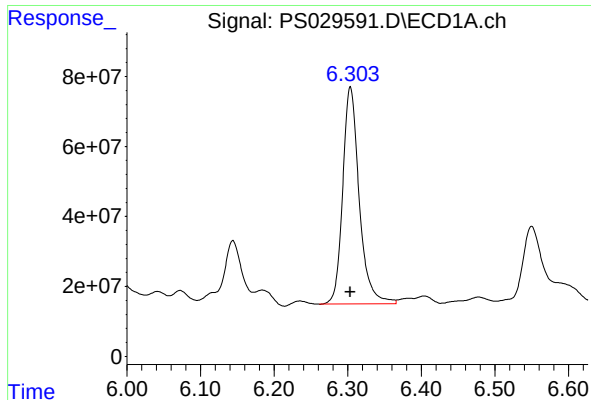
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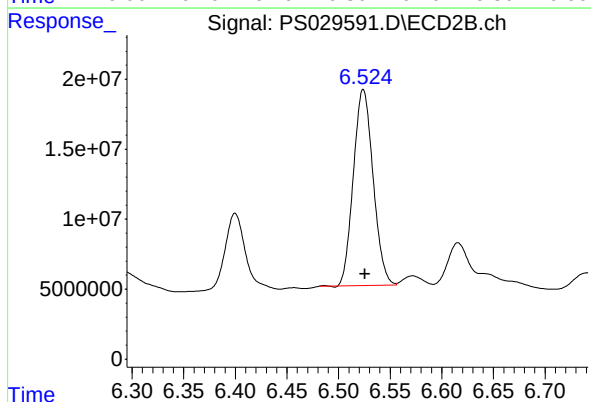
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.304 min
Delta R.T.: 0.000 min
Response: 966637722
Conc: 169.09 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-2MSD

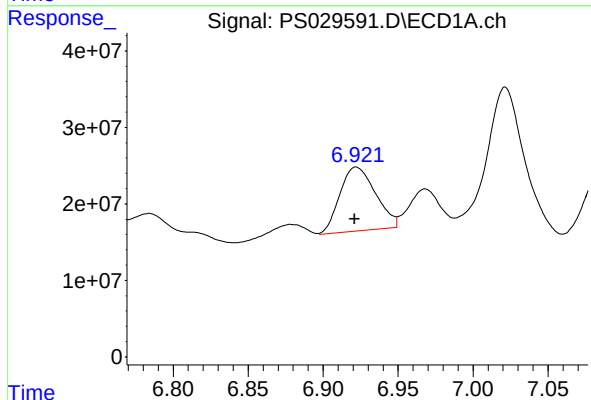
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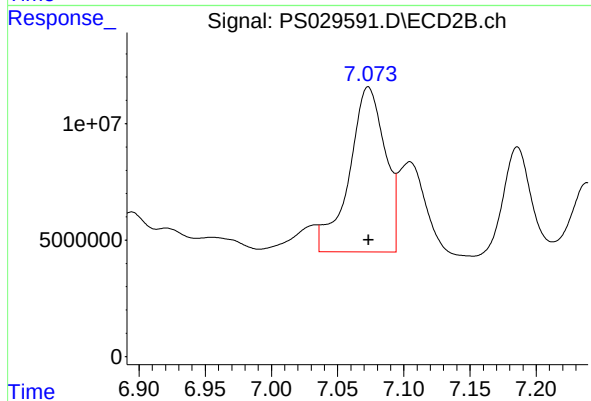
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.524 min
Delta R.T.: -0.001 min
Response: 186618850
Conc: 151.46 ng/ml



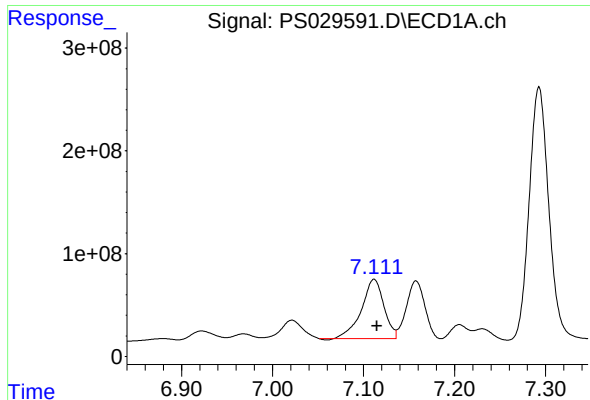
#3 4-Nitrophenol

R.T.: 6.921 min
Delta R.T.: 0.000 min
Response: 138502936
Conc: 130.17 ng/ml m



#3 4-Nitrophenol

R.T.: 7.073 min
Delta R.T.: 0.000 min
Response: 133063545
Conc: 164.72 ng/ml m



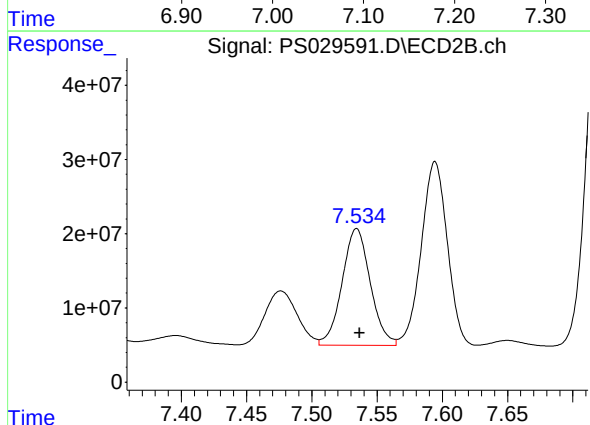
#4 2,4-DCAA

R.T.: 7.112 min
Delta R.T.: -0.003 min
Response: 990813323
Conc: 258.02 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-2MSD

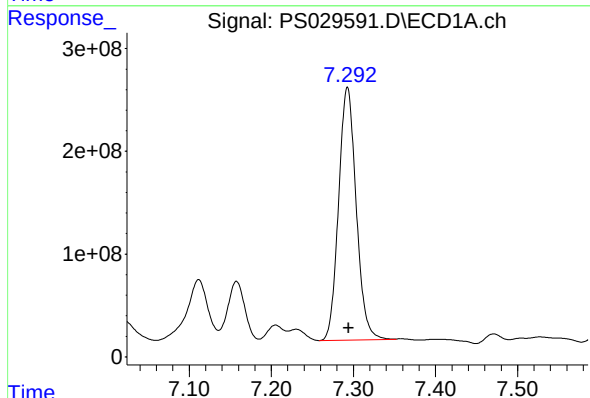
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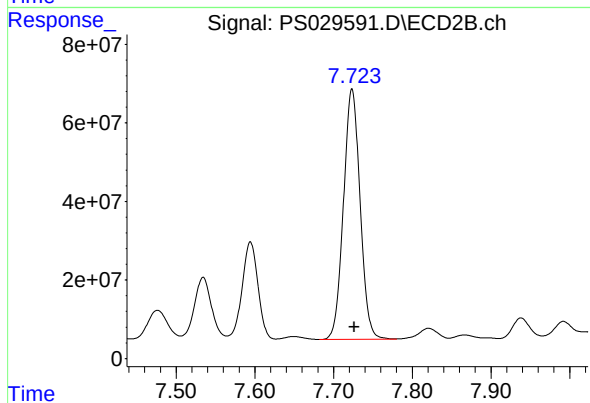
#4 2,4-DCAA

R.T.: 7.534 min
Delta R.T.: -0.002 min
Response: 236602838
Conc: 274.07 ng/ml



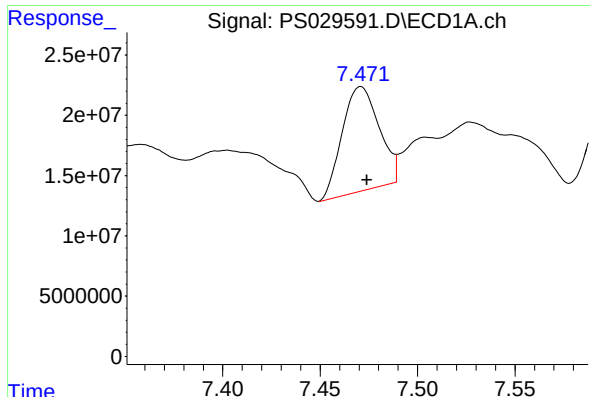
#5 DICAMBA

R.T.: 7.292 min
Delta R.T.: -0.002 min
Response: 3664063791
Conc: 231.13 ng/ml m



#5 DICAMBA

R.T.: 7.723 min
Delta R.T.: -0.003 min
Response: 936022988
Conc: 195.79 ng/ml



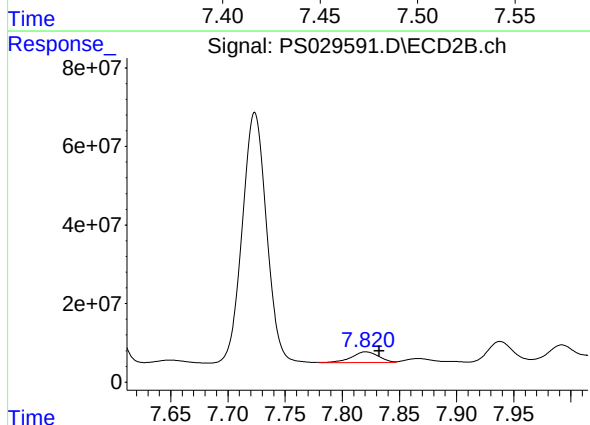
#6 MCPP

R.T.: 7.471 min
Delta R.T.: -0.004 min
Response: 114259005
Conc: 10.04 ug/ml

Instrument :
ECD_S
ClientSampleId :
TP-2MSD

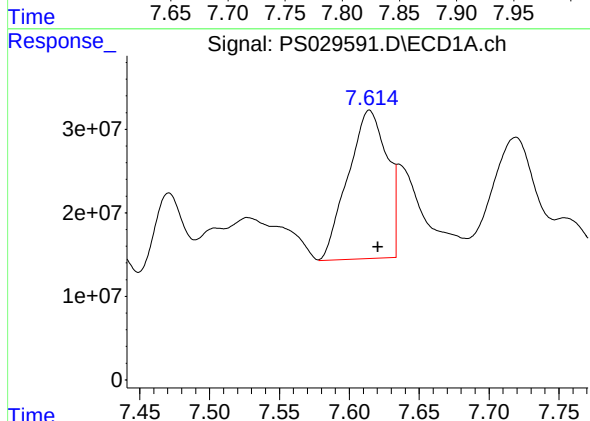
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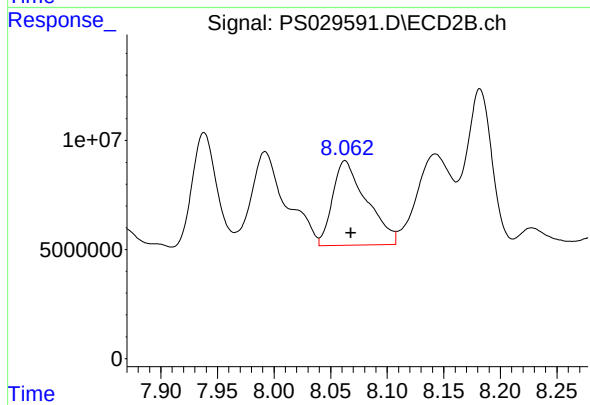
#6 MCPP

R.T.: 7.821 min
Delta R.T.: -0.012 min
Response: 45428187
Conc: 21.94 ug/ml



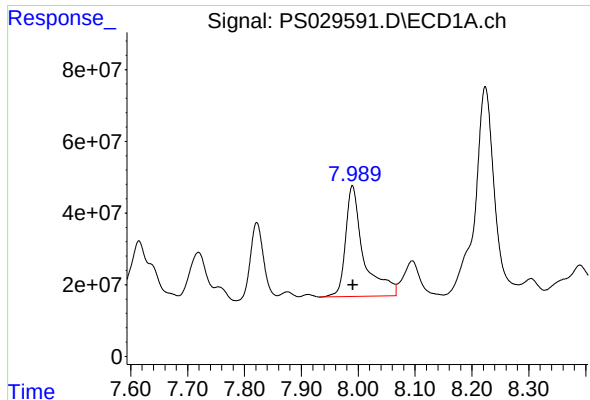
#7 MCPA

R.T.: 7.614 min
Delta R.T.: -0.006 min
Response: 352571139
Conc: 24.52 ug/ml m



#7 MCPA

R.T.: 8.063 min
Delta R.T.: -0.005 min
Response: 80909074
Conc: 28.15 ug/ml



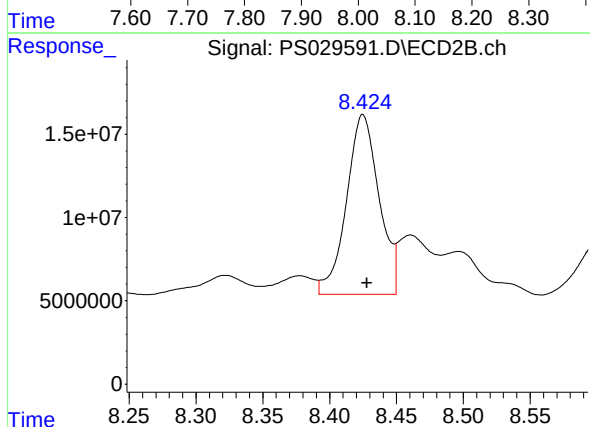
#8 DICHLORPROP

R.T.: 7.990 min
Delta R.T.: -0.001 min
Response: 683175012
Conc: 155.55 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-2MSD

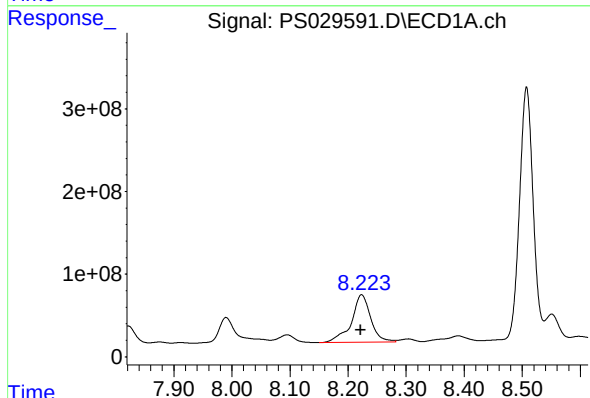
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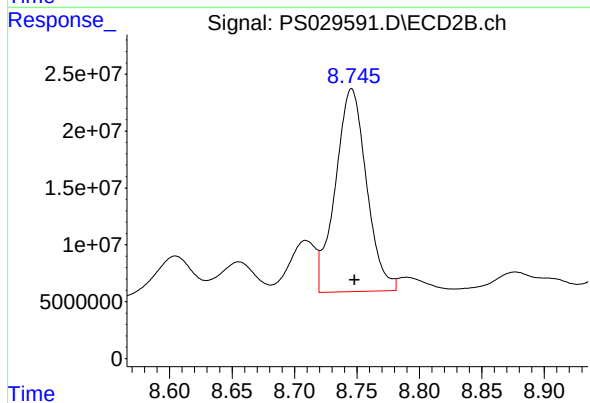
#8 DICHLORPROP

R.T.: 8.425 min
Delta R.T.: -0.003 min
Response: 183559559
Conc: 147.37 ng/ml



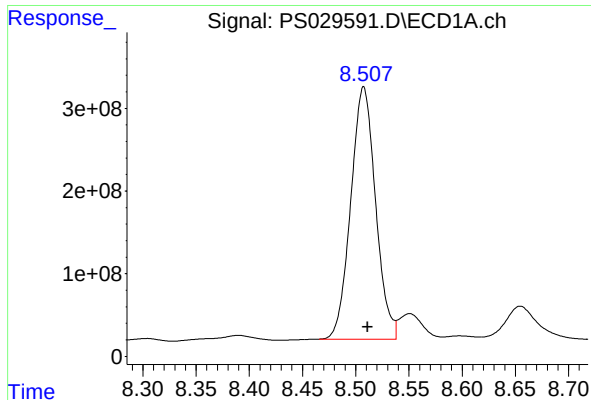
#9 2,4-D

R.T.: 8.223 min
Delta R.T.: 0.002 min
Response: 1333720695
Conc: 330.64 ng/ml



#9 2,4-D

R.T.: 8.746 min
Delta R.T.: -0.002 min
Response: 309165705
Conc: 226.33 ng/ml



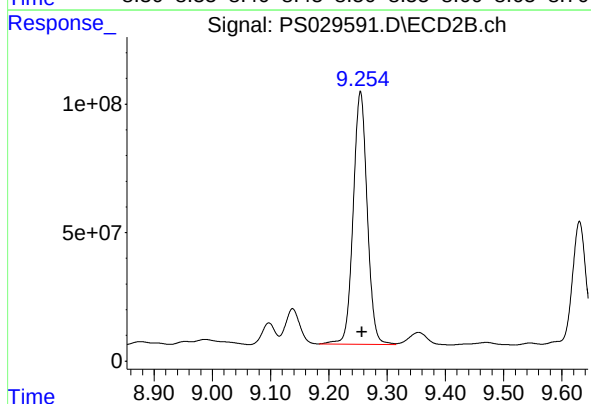
#10 Pentachlorophenol

R.T.: 8.507 min
Delta R.T.: -0.004 min
Response: 4969109613
Conc: 83.63 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-2MSD

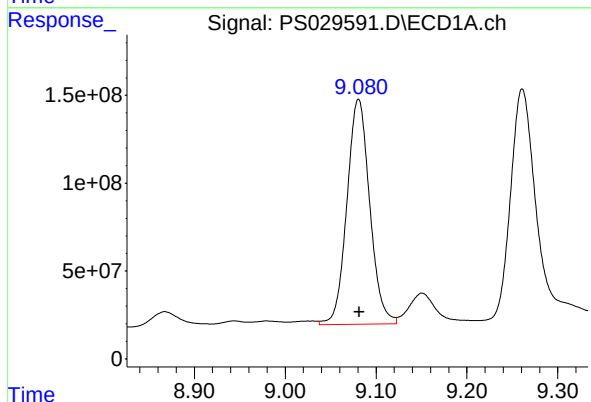
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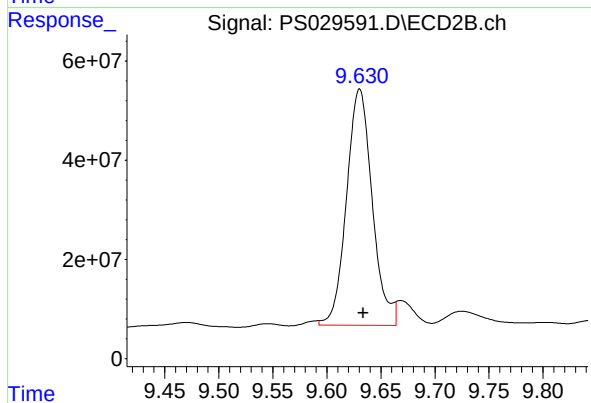
#10 Pentachlorophenol

R.T.: 9.254 min
Delta R.T.: -0.003 min
Response: 1640144359
Conc: 73.90 ng/ml



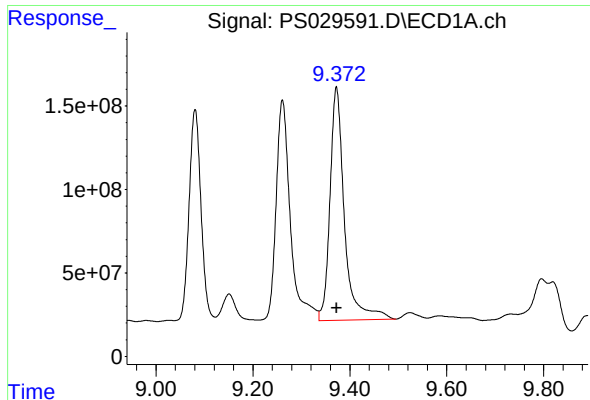
#11 2,4,5-TP (SILVEX)

R.T.: 9.081 min
Delta R.T.: -0.001 min
Response: 2236172026
Conc: 95.99 ng/ml



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

R.T.: 9.630 min
Delta R.T.: -0.004 min
Response: 789515182
Conc: 89.47 ng/ml m



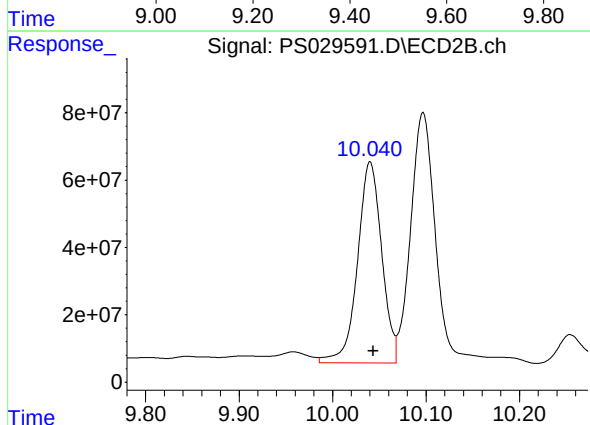
#12 2,4,5-T

R.T.: 9.372 min
Delta R.T.: 0.000 min
Response: 2896412758
Conc: 140.61 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-2MSD

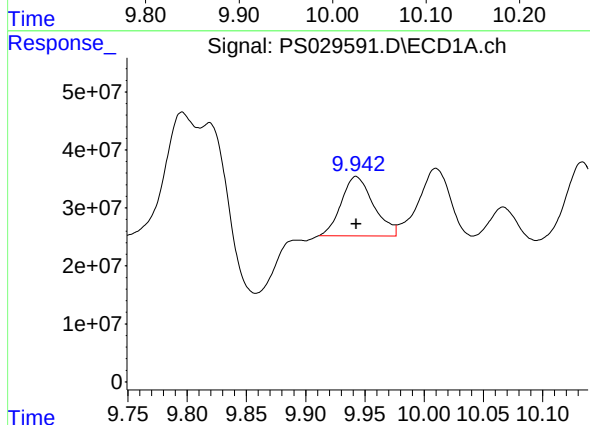
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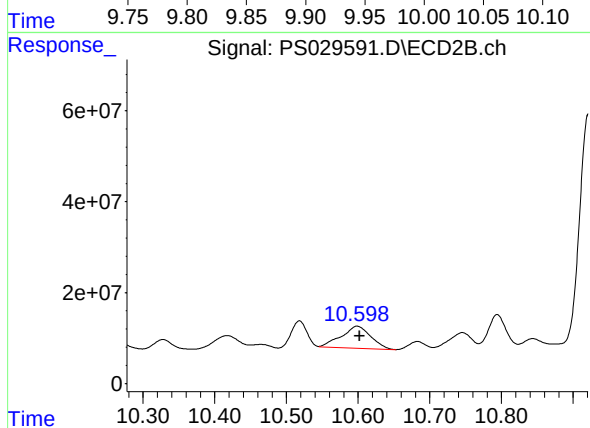
#12 2,4,5-T

R.T.: 10.040 min
Delta R.T.: -0.003 min
Response: 1074104127
Conc: 134.76 ng/ml



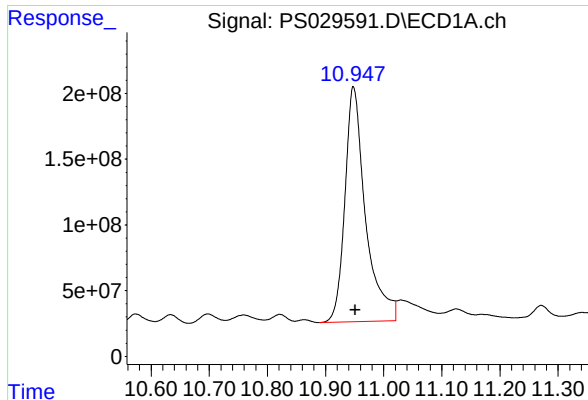
#13 2,4-DB

R.T.: 9.943 min
Delta R.T.: 0.000 min
Response: 194161222
Conc: 101.69 ng/ml



#13 2,4-DB

R.T.: 10.599 min
Delta R.T.: -0.003 min
Response: 137618542
Conc: 149.76 ng/ml



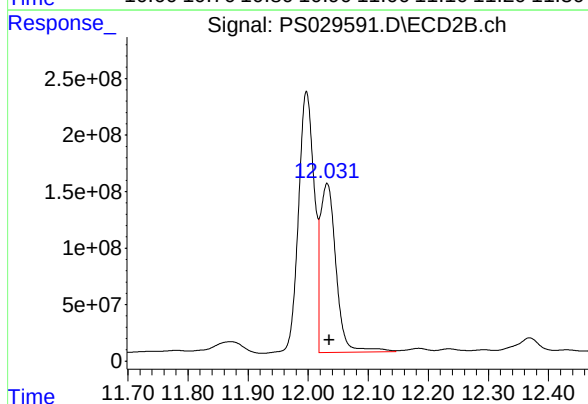
#15 Picloram

R.T.: 10.948 min
Delta R.T.: -0.003 min
Response: 4411301024
Conc: 306.48 ng/ml

Instrument :
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TP-2MSD

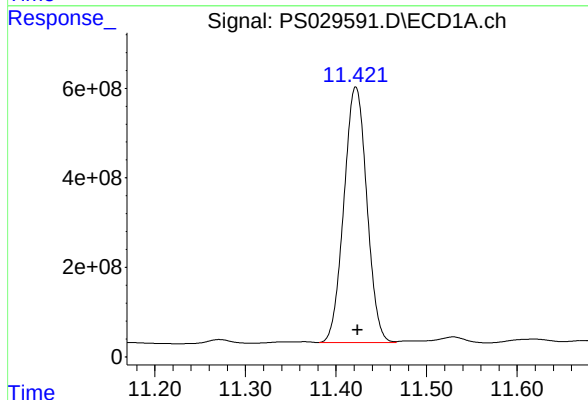
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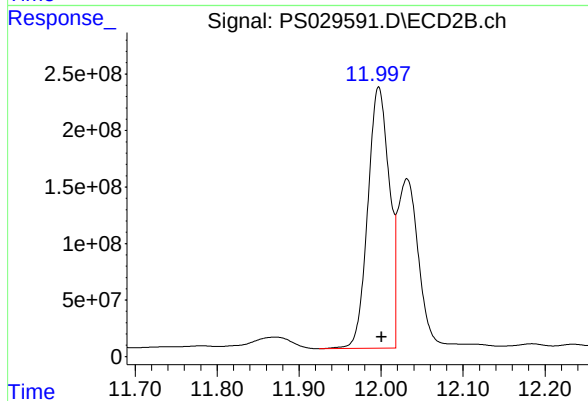
#15 Picloram

R.T.: 12.032 min
Delta R.T.: -0.004 min
Response: 2714601950
Conc: 217.58 ng/ml



#16 DCPA

R.T.: 11.422 min
Delta R.T.: -0.002 min
Response: 10030806750
Conc: 347.92 ng/ml



#16 DCPA

R.T.: 11.997 min
Delta R.T.: -0.004 min
Response: 4213798335
Conc: 375.84 ng/ml