

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS032825\
 Data File : PS029594.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Mar 2025 01:39
 Operator : AR\AJ
 Sample : Q1626-01MS
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 CO-32-1MS

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 03:25:24 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	7.533	392.4E6	89428715	102.188m	103.590
Target Compounds							
1) T	Dalapon	2.590	2.605	684.8E6	407.7E6	115.512m	196.537m#
2) T	3,5-DICHL...	6.305	6.524	460.7E6	86544020	80.585	70.238
5) T	DICAMBA	7.293	7.723	1910.0E6	471.4E6	120.485	98.612
6) T	MCPD	7.469	7.816	25544363	15543855	2.244m	7.508 #
7) T	MCPA	7.616	8.058	172.0E6	34519145	11.960	12.010
8) T	DICHLORPROP	7.991	8.425	231.1E6	67408400	52.616	54.117m
9) T	2,4-D	8.224	8.745	610.6E6	149.1E6	151.363	109.154 #
10) T	Pentachlo...	8.508	9.254	1783.9E6	662.9E6	30.022	29.866
11) T	2,4,5-TP ...	9.081	9.630	931.1E6	333.9E6	39.971	37.834
12) T	2,4,5-T	9.374	10.040	1336.8E6	434.0E6	64.899	54.444
13) T	2,4-DB	9.945	10.609	65362414	51895423	34.233	56.472 #
14) T	DINOSEB	11.123	10.971	227.7E6	44174995	12.840m	7.452m#
15) T	Picloram	10.950	12.031	3787.9E6	2212.9E6	263.167	177.366m#
16) T	DCPA	11.422	11.996	7655.0E6	3063.6E6	265.514	273.250m

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

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Acq On : 28 Mar 2025 01:39
Operator : AR\AJ
Sample : Q1626-01MS
Misc :
ALS Vial : 33 Sample Multiplier: 1

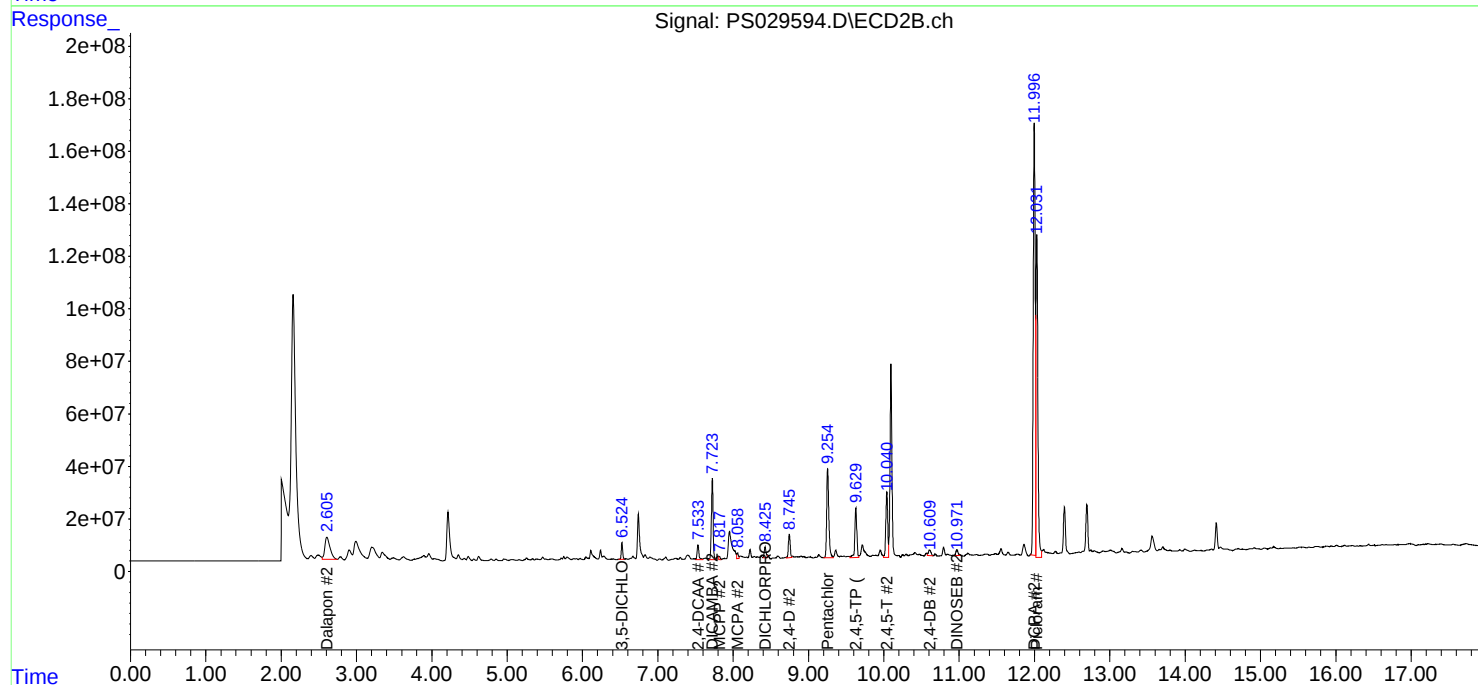
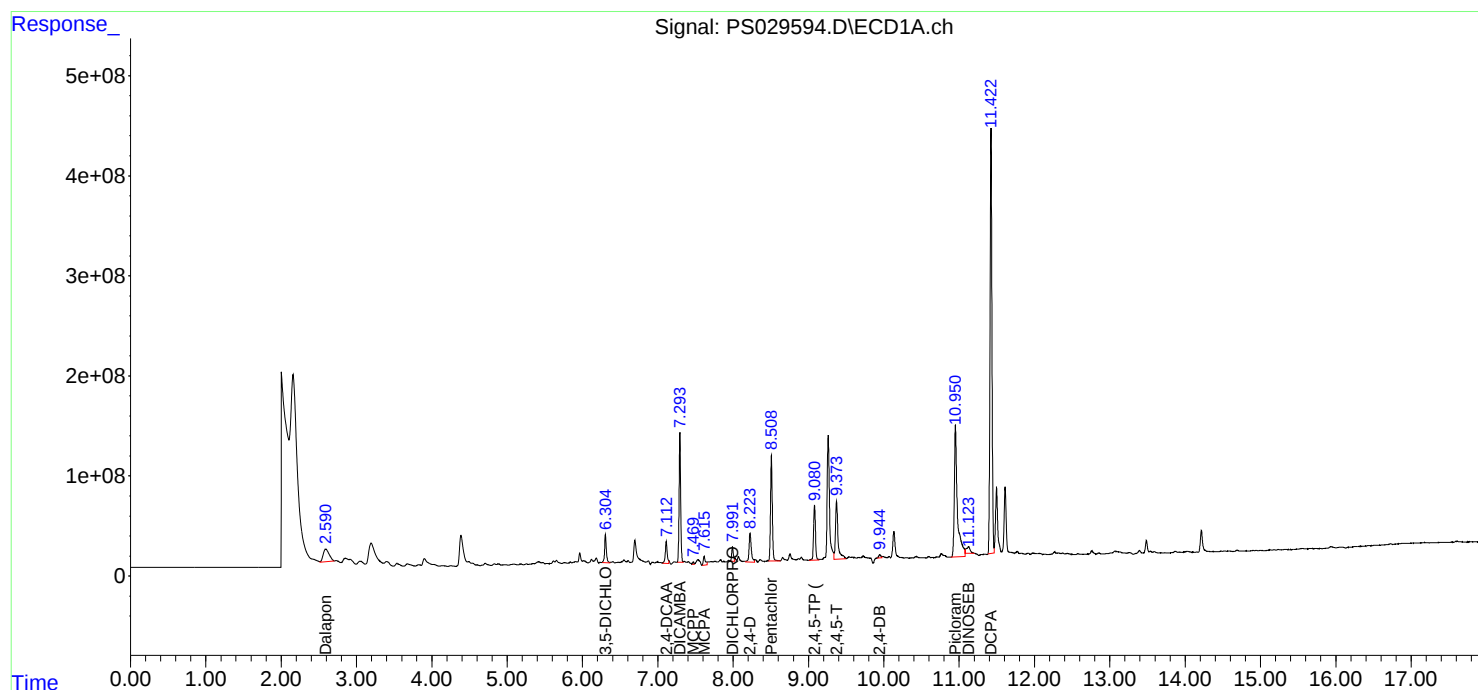
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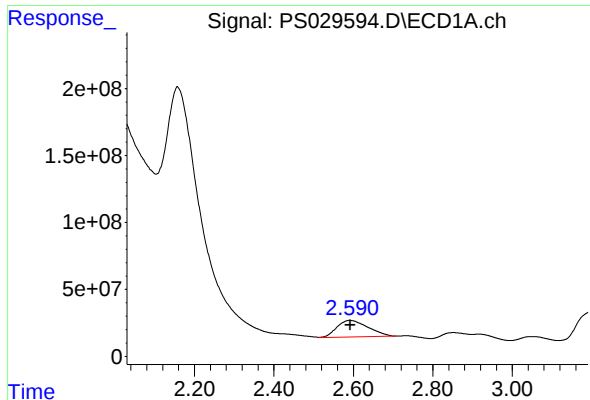
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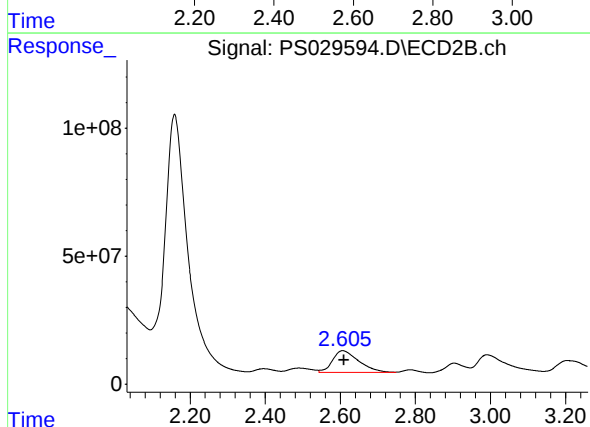
#1 Dalapon

R.T.: 2.590 min
Delta R.T.: -0.003 min
Response: 684810821
Conc: 115.51 ng/ml

Instrument :
ECD_S
ClientSampleId :
CO-32-1MS

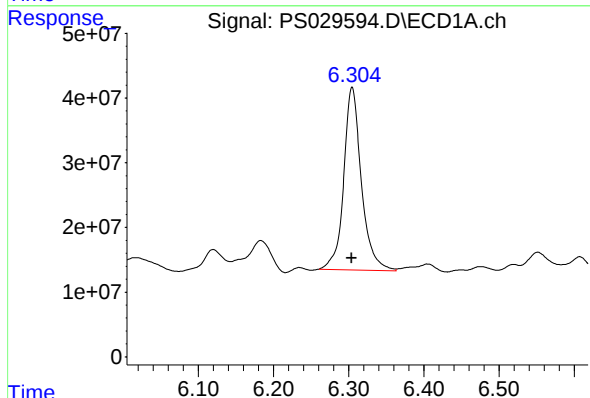
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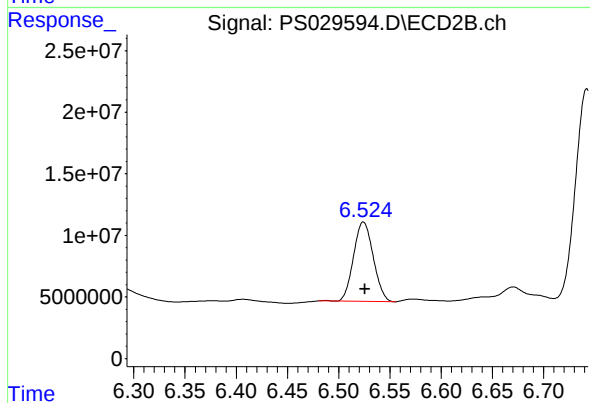
#1 Dalapon

R.T.: 2.605 min
Delta R.T.: -0.005 min
Response: 407675169
Conc: 196.54 ng/ml m



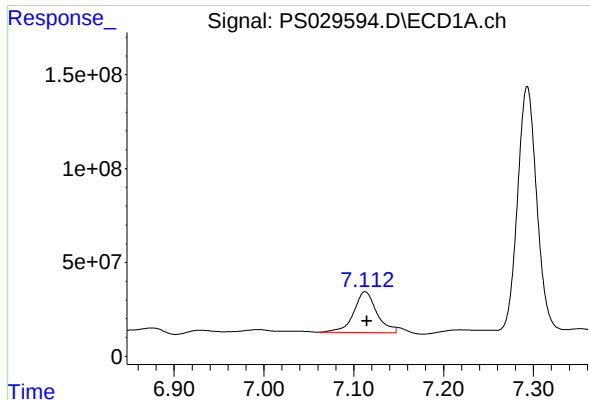
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.305 min
Delta R.T.: 0.000 min
Response: 460669603
Conc: 80.59 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.524 min
Delta R.T.: -0.001 min
Response: 86544020
Conc: 70.24 ng/ml



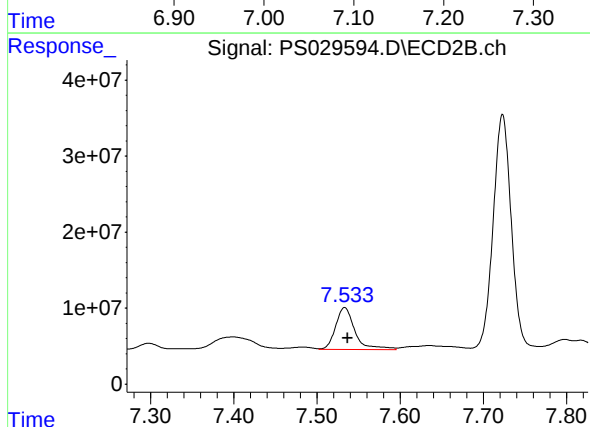
#4 2,4-DCAA

R.T.: 7.112 min
Delta R.T.: -0.003 min
Response: 392410628
Conc: 102.19 ng/ml

Instrument :
ECD_S
ClientSampleId :
CO-32-1MS

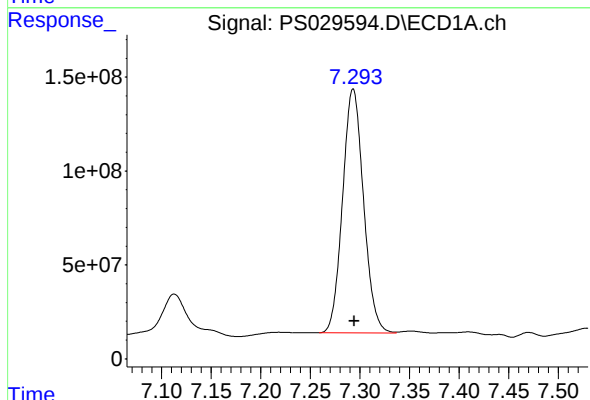
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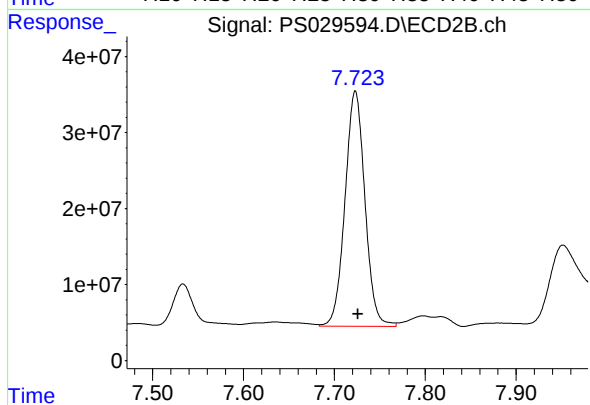
#4 2,4-DCAA

R.T.: 7.533 min
Delta R.T.: -0.003 min
Response: 89428715
Conc: 103.59 ng/ml



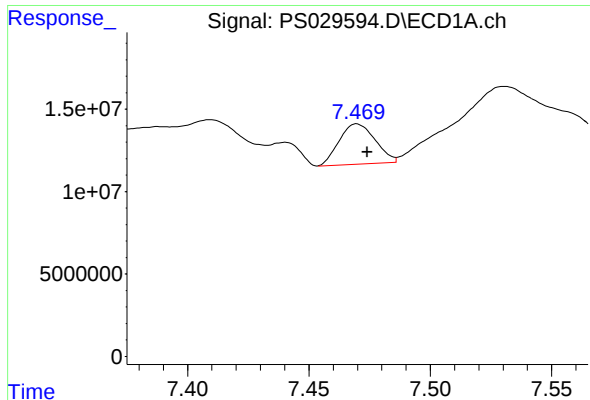
#5 DICAMBA

R.T.: 7.293 min
Delta R.T.: 0.000 min
Response: 1910043051
Conc: 120.49 ng/ml



#5 DICAMBA

R.T.: 7.723 min
Delta R.T.: -0.003 min
Response: 471438075
Conc: 98.61 ng/ml



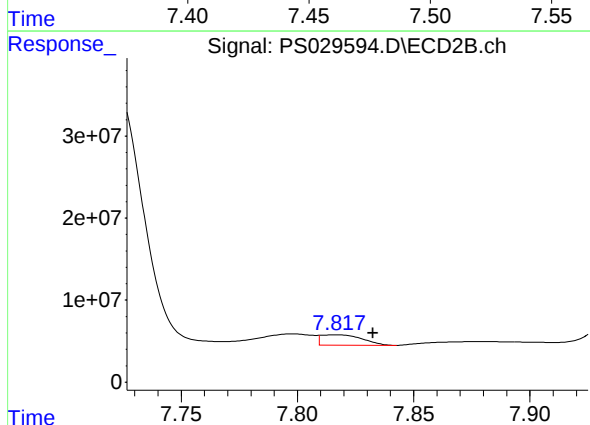
#6 MCPP

R.T.: 7.469 min
Delta R.T.: -0.005 min
Response: 25544363
Conc: 2.24 ug/ml

Instrument :
ECD_S
ClientSampleId :
CO-32-1MS

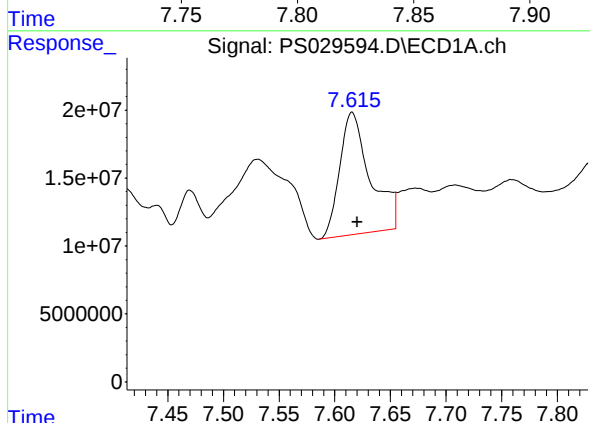
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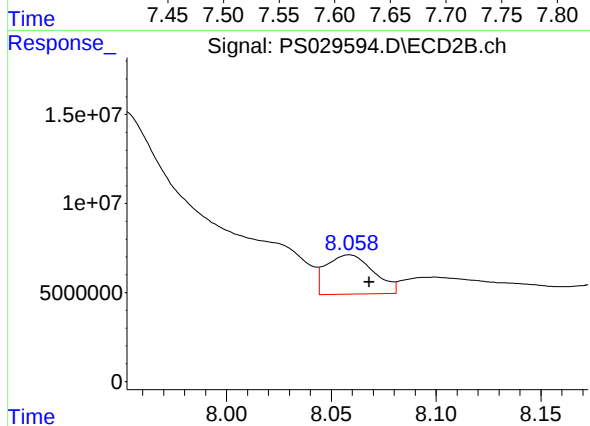
#6 MCPP

R.T.: 7.816 min
Delta R.T.: -0.016 min
Response: 15543855
Conc: 7.51 ug/ml



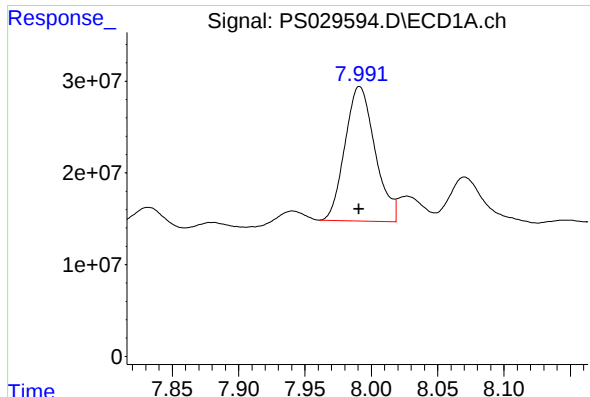
#7 MCPA

R.T.: 7.616 min
Delta R.T.: -0.005 min
Response: 172010593
Conc: 11.96 ug/ml



#7 MCPA

R.T.: 8.058 min
Delta R.T.: -0.010 min
Response: 34519145
Conc: 12.01 ug/ml



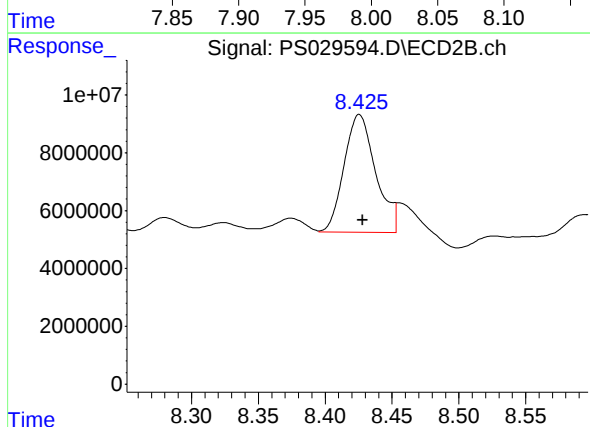
#8 DICHLORPROP

R.T.: 7.991 min
Delta R.T.: 0.000 min
Response: 231086370
Conc: 52.62 ng/ml

Instrument :
ECD_S
ClientSampleId :
CO-32-1MS

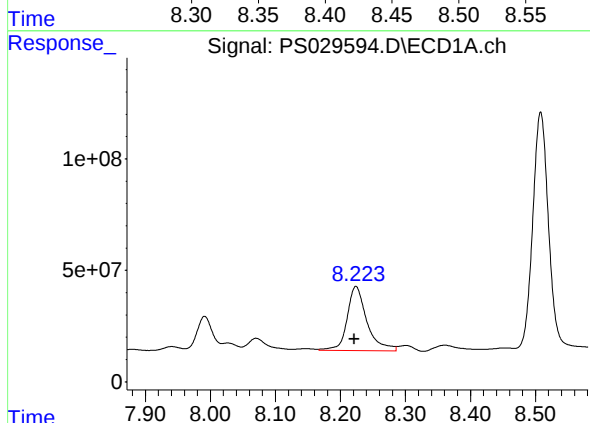
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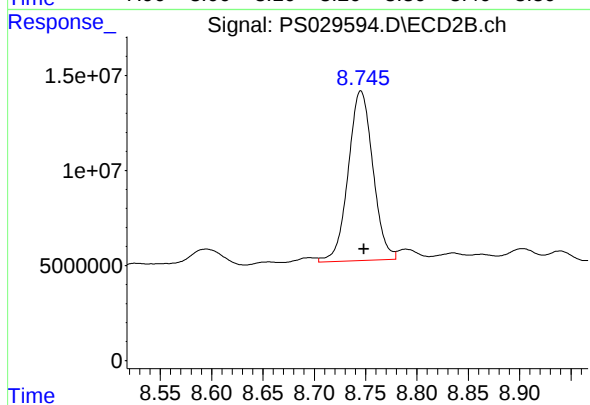
#8 DICHLORPROP

R.T.: 8.425 min
Delta R.T.: -0.003 min
Response: 67408400
Conc: 54.12 ng/ml



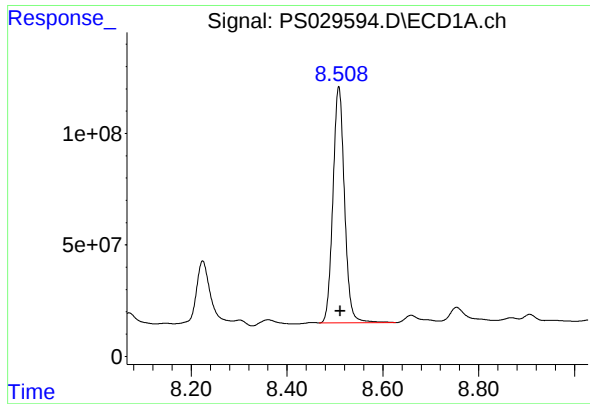
#9 2,4-D

R.T.: 8.224 min
Delta R.T.: 0.002 min
Response: 610565452
Conc: 151.36 ng/ml



#9 2,4-D

R.T.: 8.745 min
Delta R.T.: -0.003 min
Response: 149102953
Conc: 109.15 ng/ml



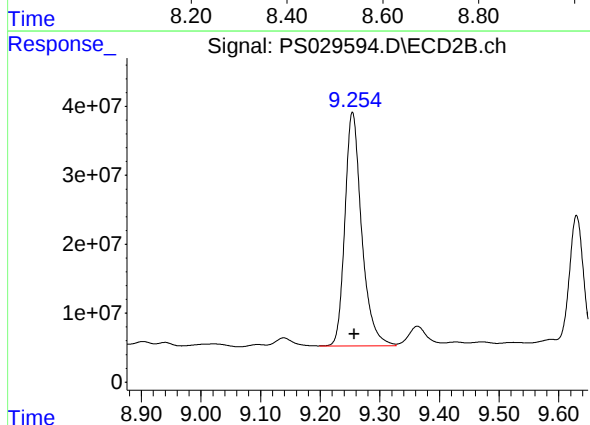
#10 Pentachlorophenol

R.T.: 8.508 min
Delta R.T.: -0.003 min
Response: 1783898932
Conc: 30.02 ng/ml

Instrument :
ECD_S
ClientSampleId :
CO-32-1MS

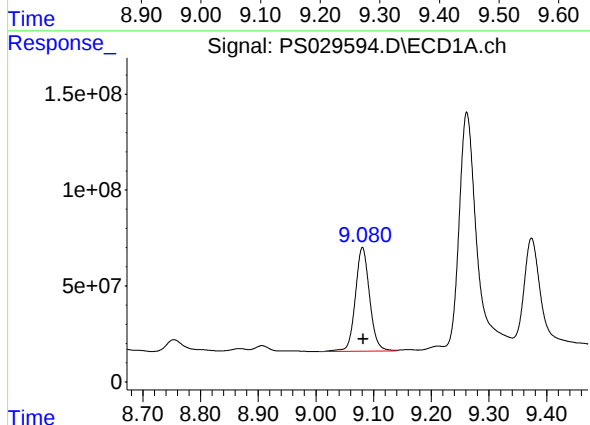
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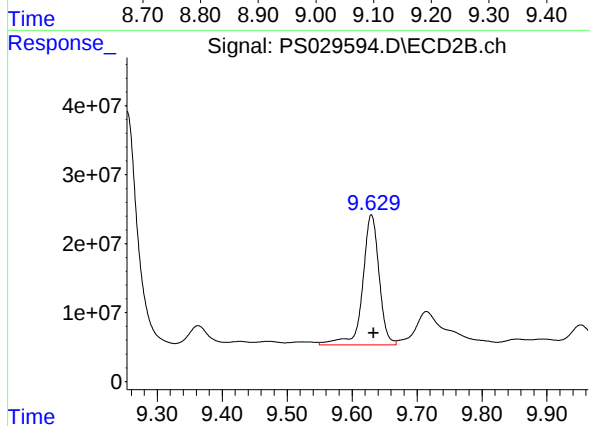
#10 Pentachlorophenol

R.T.: 9.254 min
Delta R.T.: -0.003 min
Response: 662872445
Conc: 29.87 ng/ml



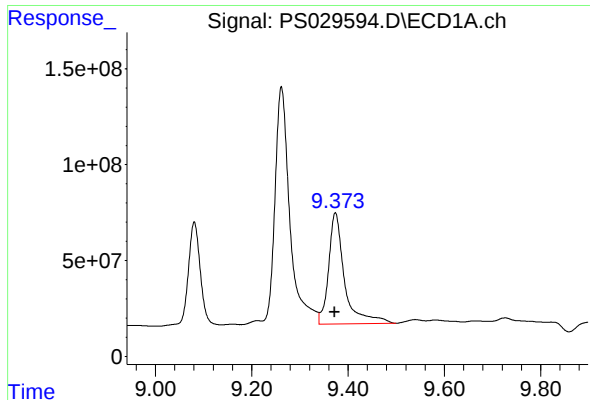
#11 2,4,5-TP (SILVEX)

R.T.: 9.081 min
Delta R.T.: -0.001 min
Response: 931121829
Conc: 39.97 ng/ml



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

R.T.: 9.630 min
Delta R.T.: -0.004 min
Response: 333871356
Conc: 37.83 ng/ml



#12 2,4,5-T

R.T.: 9.374 min
Delta R.T.: 0.001 min
Response: 1336805851
Conc: 64.90 ng/ml

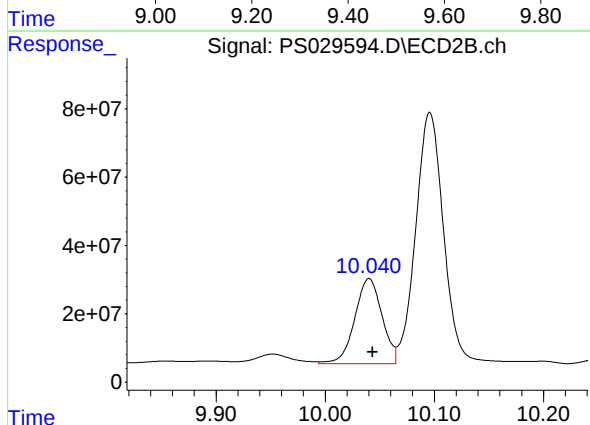
Instrument :

ECD_S

ClientSampleId :
CO-32-1MS

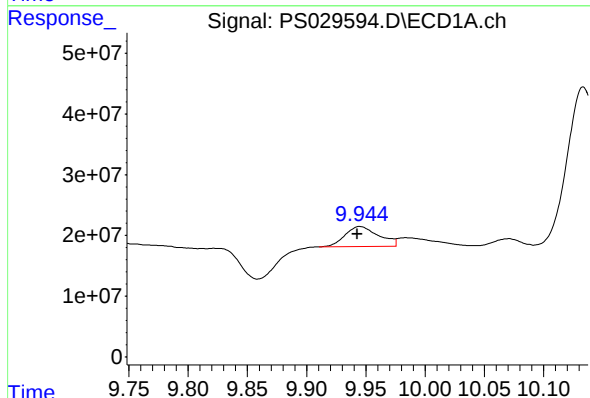
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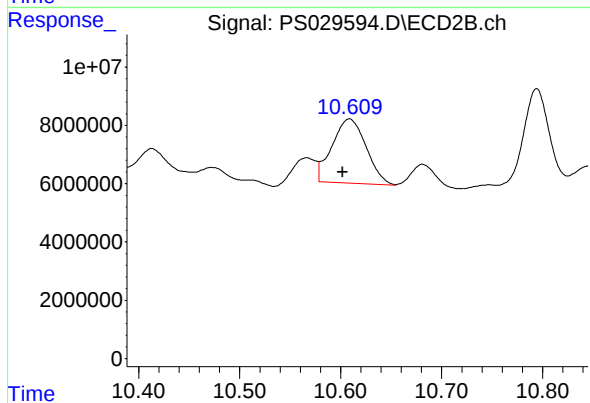
#12 2,4,5-T

R.T.: 10.040 min
Delta R.T.: -0.003 min
Response: 433955903
Conc: 54.44 ng/ml



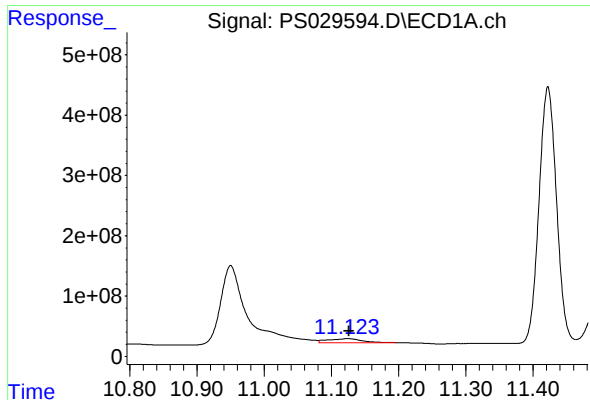
#13 2,4-DB

R.T.: 9.945 min
Delta R.T.: 0.002 min
Response: 65362414
Conc: 34.23 ng/ml



#13 2,4-DB

R.T.: 10.609 min
Delta R.T.: 0.006 min
Response: 51895423
Conc: 56.47 ng/ml



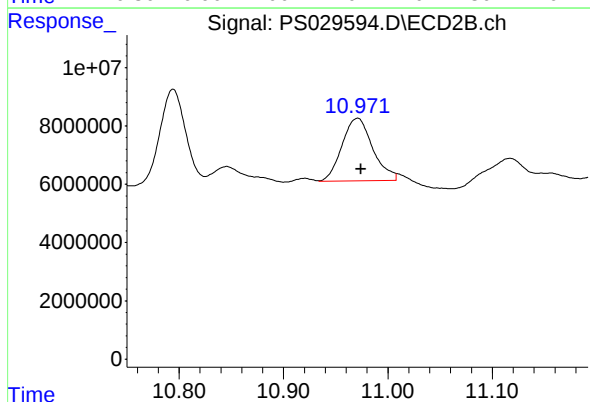
#14 DINOSEB

R.T.: 11.123 min
Delta R.T.: -0.003 min
Response: 227653724
Conc: 12.84 ng/ml

Instrument :
ECD_S
ClientSampleId :
CO-32-1MS

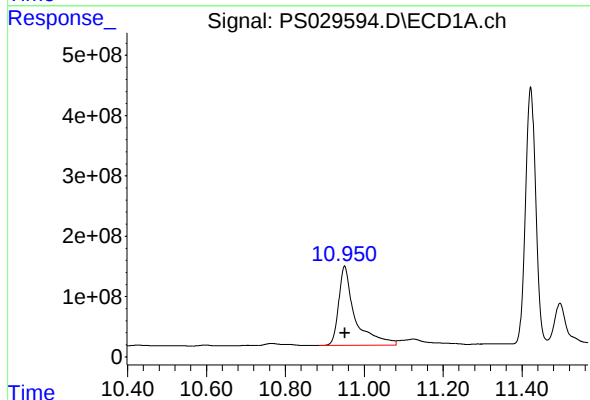
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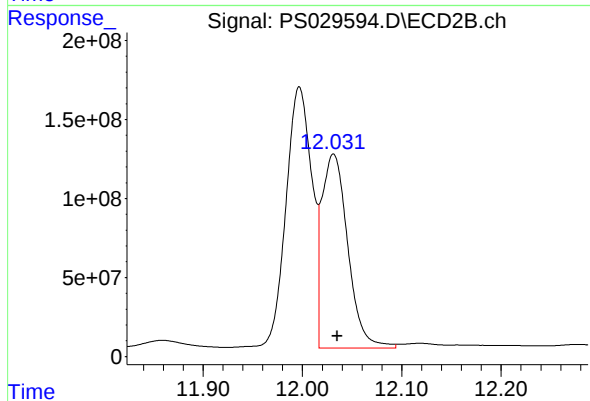
#14 DINOSEB

R.T.: 10.971 min
Delta R.T.: -0.003 min
Response: 44174995
Conc: 7.45 ng/ml m



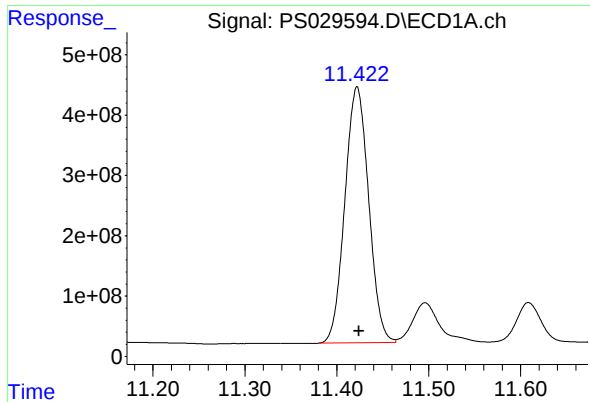
#15 Picloram

R.T.: 10.950 min
Delta R.T.: 0.000 min
Response: 3787902276
Conc: 263.17 ng/ml



#15 Picloram

R.T.: 12.031 min
Delta R.T.: -0.004 min
Response: 2212856400
Conc: 177.37 ng/ml m



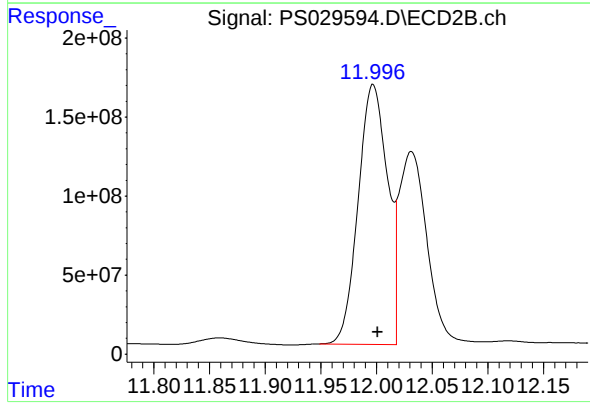
#16 DCPA

R.T.: 11.422 min
Delta R.T.: -0.002 min
Response: 7655012148
Conc: 265.51 ng/ml

Instrument :
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ClientSampleId :
CO-32-1MS

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#16 DCPA

R.T.: 11.996 min
Delta R.T.: -0.005 min
Response: 3063620238
Conc: 273.25 ng/ml m