

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060225\
 Data File : PS030453.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Jun 2025 16:58
 Operator : AR\AJ
 Sample : Q2130-01MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 TP-3MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 06/03/2025
 Supervised By :mohammad ahmed 06/04/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 03 03:21:35 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060225.M
 Quant Title : 8080.M
 QLast Update : Mon Jun 02 12:26:05 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	6.733	7.301	983.9E6	298.5E6	242.794	234.554m
Target Compounds							
1) T	Dalapon	2.303	2.408	438.4E6	1302.5E6	65.905m	374.932m#
2) T	3,5-DICHL...	5.967	6.319	1444.2E6	421.5E6	240.180	236.943m
3) T	4-Nitroph...	6.527	6.840	500.0E6	374.0E6	214.816	233.149
5) T	DICAMBA	6.904	7.482	3742.9E6	1750.9E6	216.529	221.349
6) T	MCP	7.080	7.590	197.4E6	48533708	17.858	16.078
7) T	MCPA	7.218	7.814	260.9E6	74601646	18.427	18.411m
8) T	DICHLORPROP	7.570	8.170	992.0E6	654.8E6	240.064	347.301 #
9) T	2,4-D	7.786	8.476	1144.8E6	511.9E6	261.763	249.910
10) T	Pentachlo...	8.050	8.962	14949.3E6	9422.8E6	255.521	235.598
11) T	2,4,5-TP ...	8.608	9.344	5737.5E6	3867.6E6	233.070	236.311
12) T	2,4,5-T	8.885	9.744	5208.2E6	3401.2E6	233.033	230.357
13) T	2,4-DB	9.435	10.295	514.5E6	271.1E6	146.848m	197.256m#
14) T	DINOSEB	10.573	10.664	857.0E6	528.5E6	45.960	46.616m
15) T	Picloram	10.396	11.682	5041.9E6	4544.0E6	183.395	181.656m
16) T	DCPA	10.873	11.680	7615.7E6	4346.9E6	248.174	198.166m

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

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Sample : Q2130-01MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

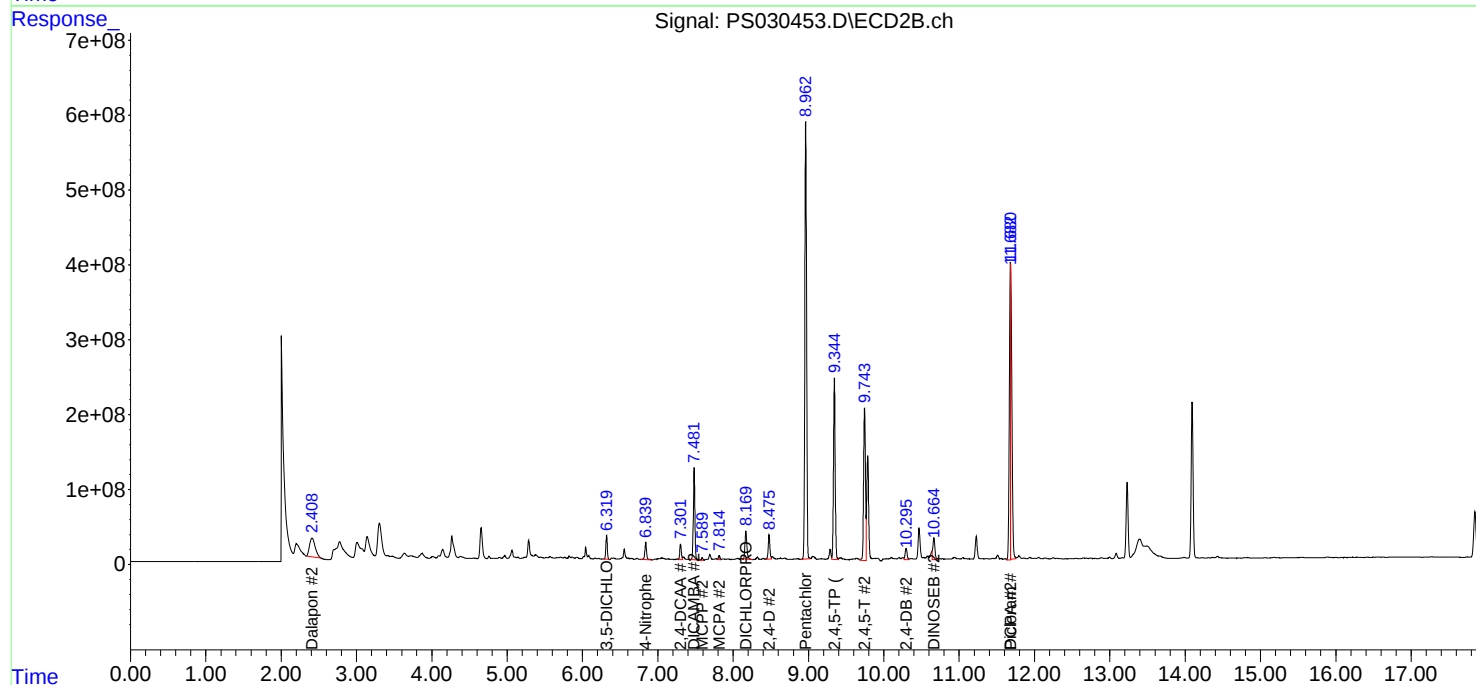
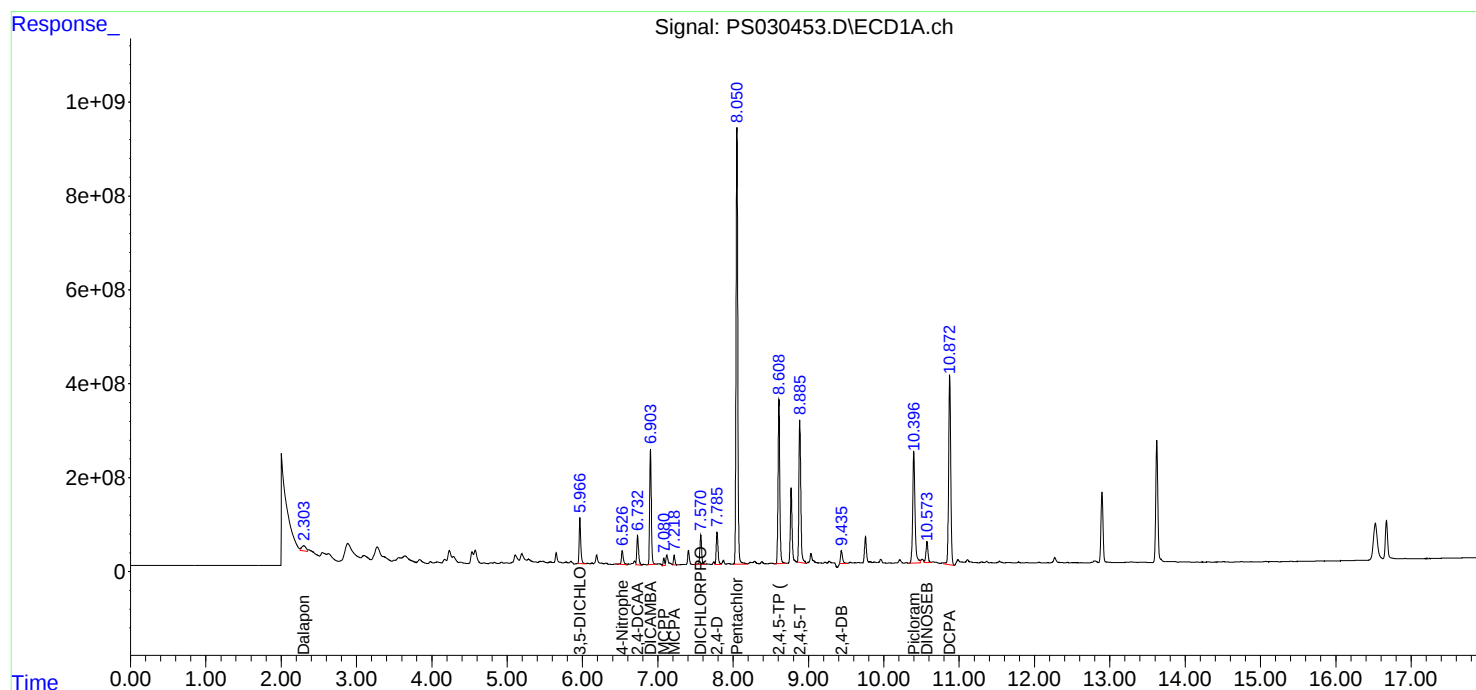
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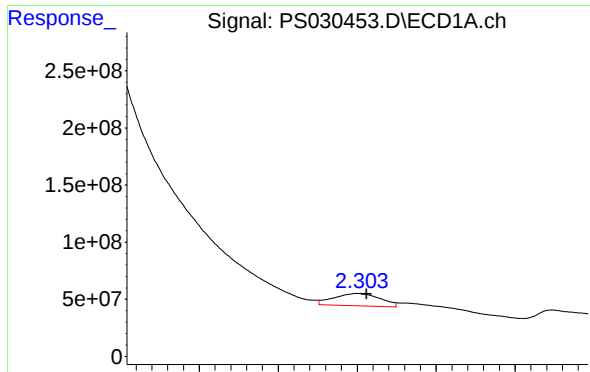
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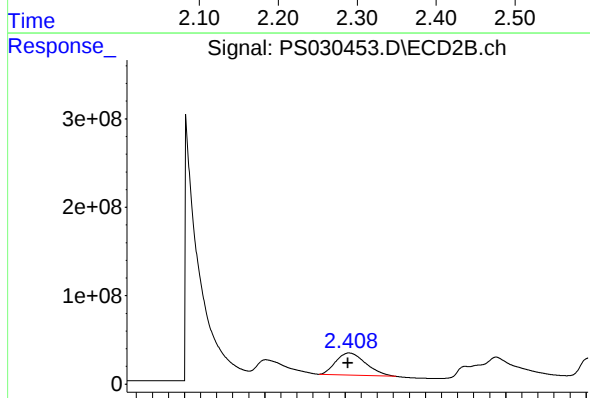
#1 Dalapon

R.T.: 2.303 min
Delta R.T.: -0.009 min
Response: 438393510
Conc: 65.90 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-3MSD

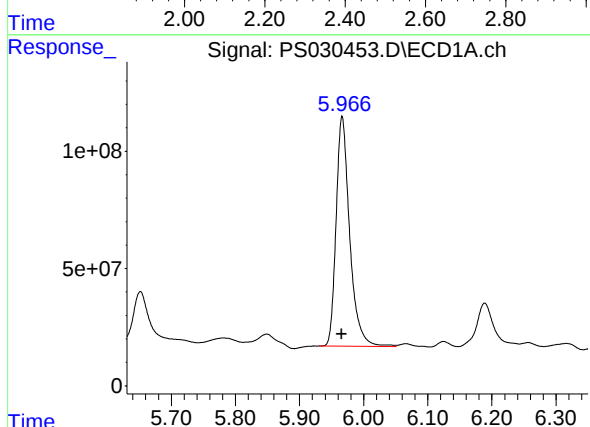
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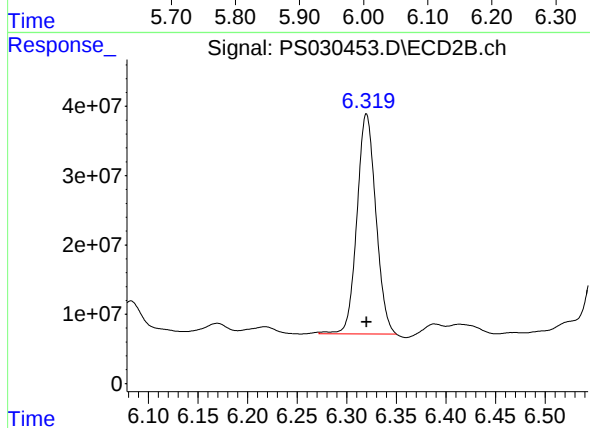
#1 Dalapon

R.T.: 2.408 min
Delta R.T.: 0.000 min
Response: 1302529037
Conc: 374.93 ng/ml m



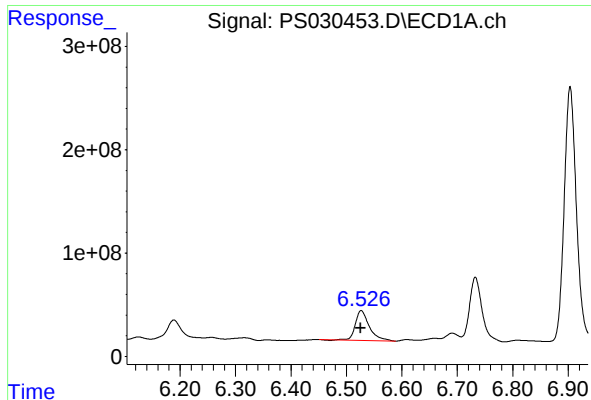
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.967 min
Delta R.T.: 0.000 min
Response: 1444185205
Conc: 240.18 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.319 min
Delta R.T.: 0.000 min
Response: 421520337
Conc: 236.94 ng/ml m



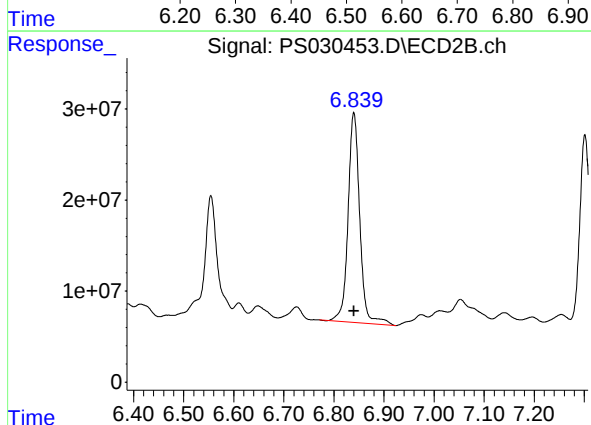
#3 4-Nitrophenol

R.T.: 6.527 min
Delta R.T.: 0.001 min
Response: 500012283
Conc: 214.82 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-3MSD

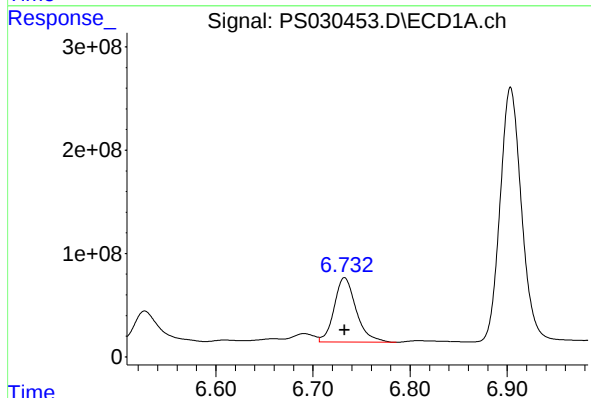
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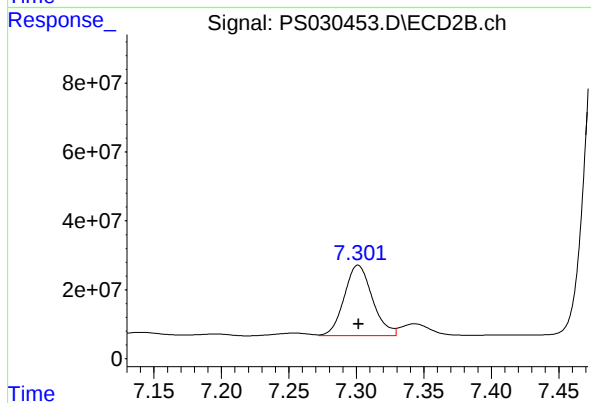
#3 4-Nitrophenol

R.T.: 6.840 min
Delta R.T.: 0.000 min
Response: 373973989
Conc: 233.15 ng/ml



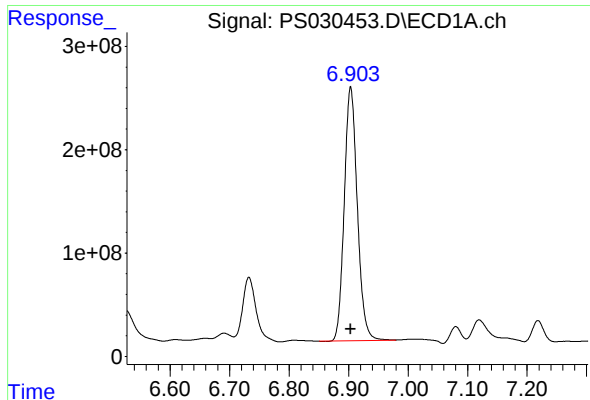
#4 2,4-DCAA

R.T.: 6.733 min
Delta R.T.: 0.000 min
Response: 983904573
Conc: 242.79 ng/ml



#4 2,4-DCAA

R.T.: 7.301 min
Delta R.T.: 0.000 min
Response: 298462044
Conc: 234.55 ng/ml m



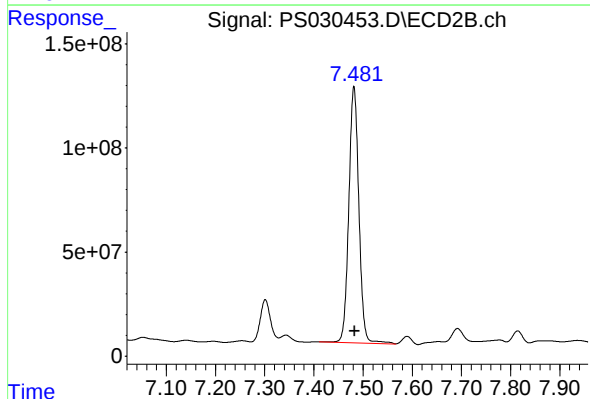
#5 DICAMBA

R.T.: 6.904 min
Delta R.T.: 0.000 min
Response: 3742895937
Conc: 216.53 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-3MSD

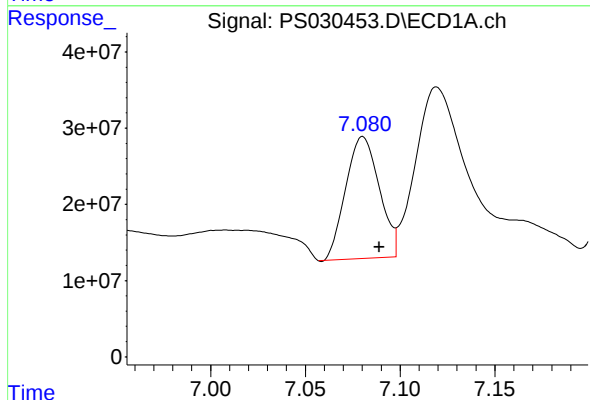
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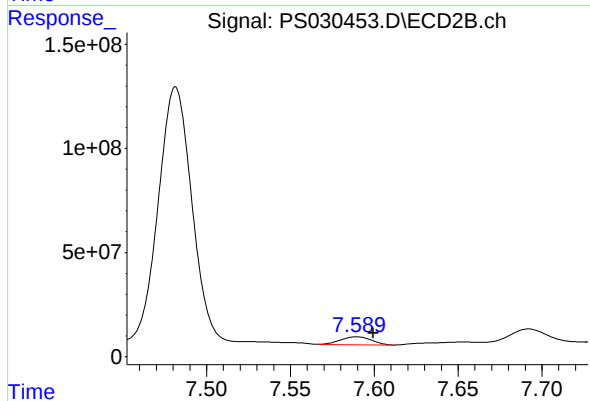
#5 DICAMBA

R.T.: 7.482 min
Delta R.T.: -0.001 min
Response: 1750864808
Conc: 221.35 ng/ml



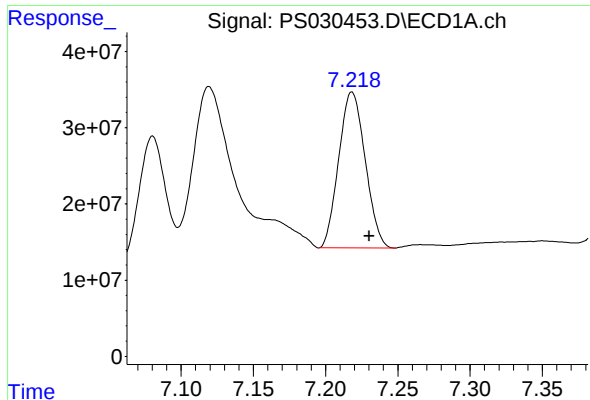
#6 MCPP

R.T.: 7.080 min
Delta R.T.: -0.009 min
Response: 197359290
Conc: 17.86 ug/ml



#6 MCPP

R.T.: 7.590 min
Delta R.T.: -0.010 min
Response: 48533708
Conc: 16.08 ug/ml



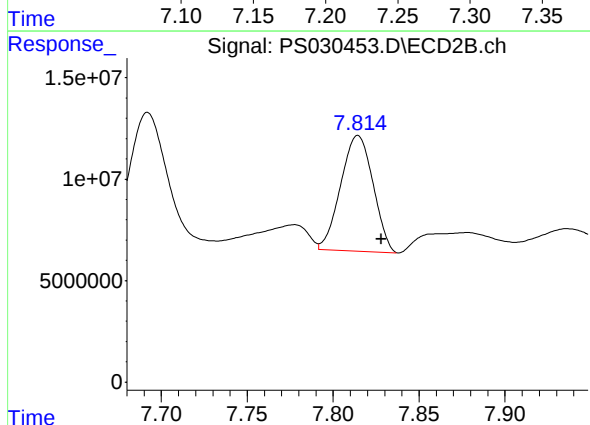
#7 MCPA

R.T.: 7.218 min
Delta R.T.: -0.012 min
Response: 260925260
Conc: 18.43 ug/ml

Instrument :
ECD_S
ClientSampleId :
TP-3MSD

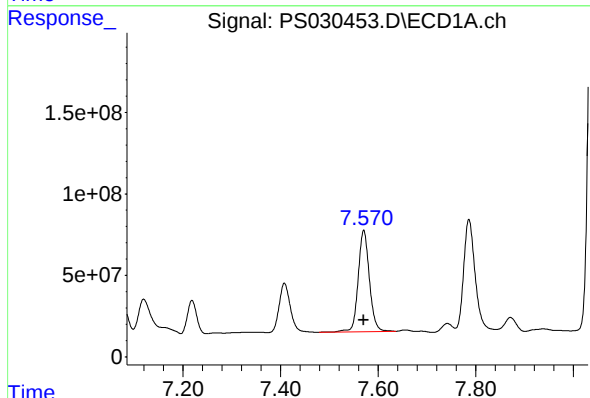
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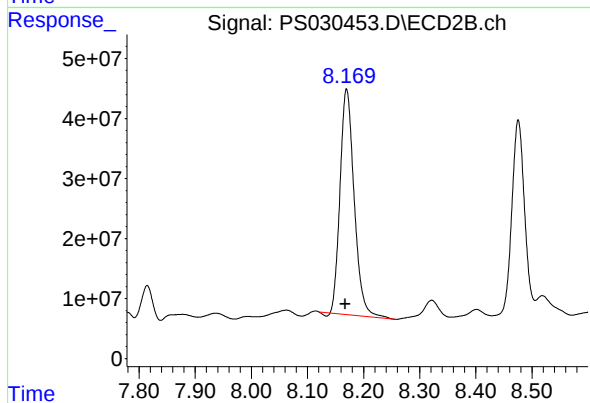
#7 MCPA

R.T.: 7.814 min
Delta R.T.: -0.014 min
Response: 74601646
Conc: 18.41 ug/ml



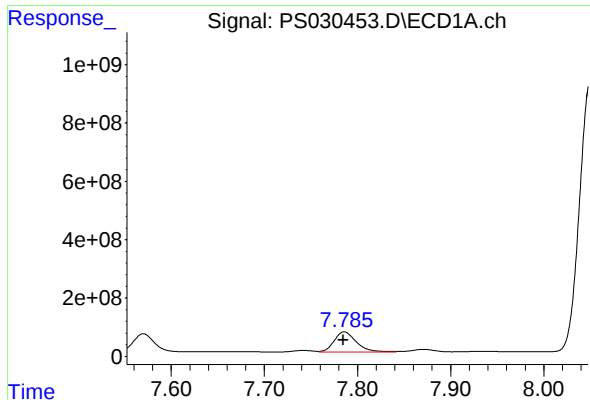
#8 DICHLORPROP

R.T.: 7.570 min
Delta R.T.: 0.000 min
Response: 991985062
Conc: 240.06 ng/ml



#8 DICHLORPROP

R.T.: 8.170 min
Delta R.T.: 0.002 min
Response: 654821027
Conc: 347.30 ng/ml



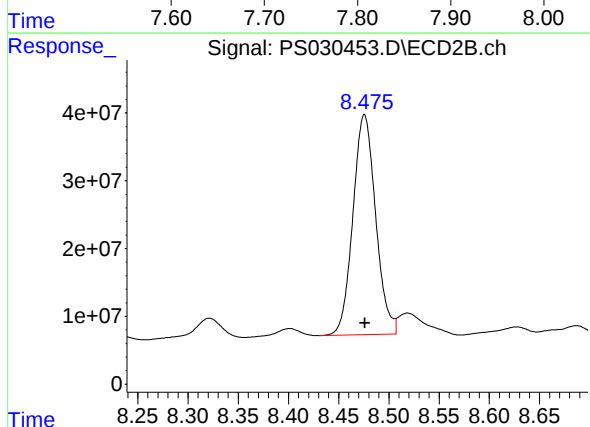
#9 2,4-D

R.T.: 7.786 min
Delta R.T.: 0.000 min
Response: 1144774634
Conc: 261.76 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-3MSD

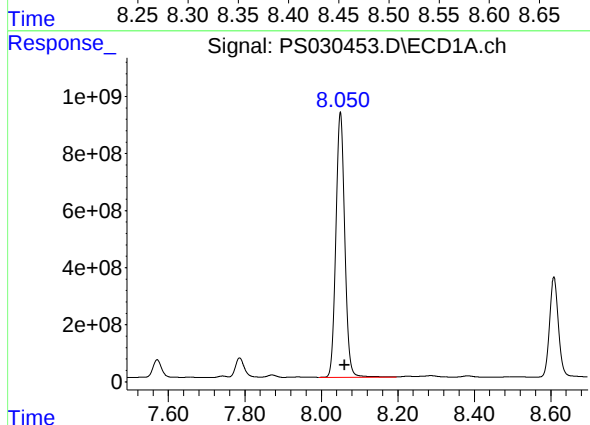
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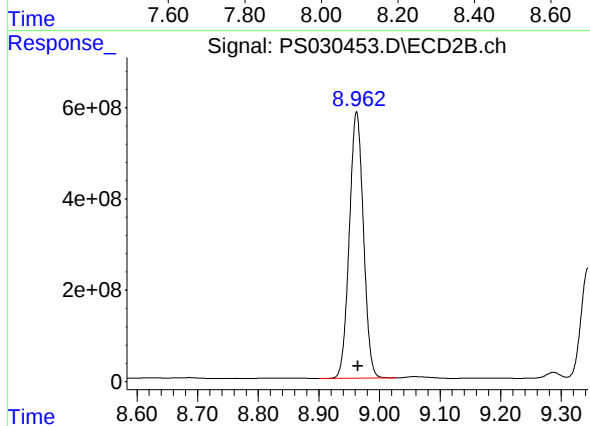
#9 2,4-D

R.T.: 8.476 min
Delta R.T.: 0.000 min
Response: 511918343
Conc: 249.91 ng/ml



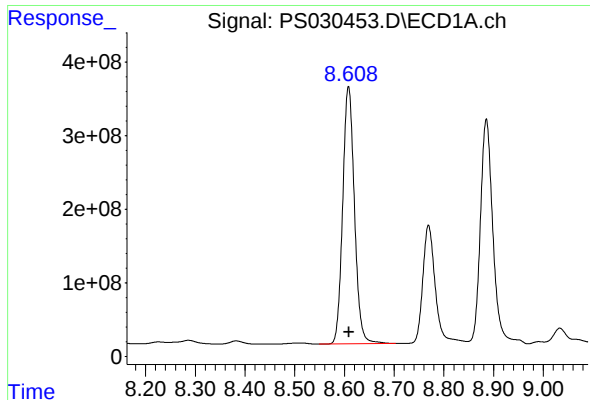
#10 Pentachlorophenol

R.T.: 8.050 min
Delta R.T.: -0.011 min
Response: 14949250805
Conc: 255.52 ng/ml



#10 Pentachlorophenol

R.T.: 8.962 min
Delta R.T.: -0.002 min
Response: 9422756353
Conc: 235.60 ng/ml



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

R.T.: 8.608 min
Delta R.T.: 0.000 min
Response: 5737474147
Conc: 233.07 ng/ml

Instrument :

ECD_S

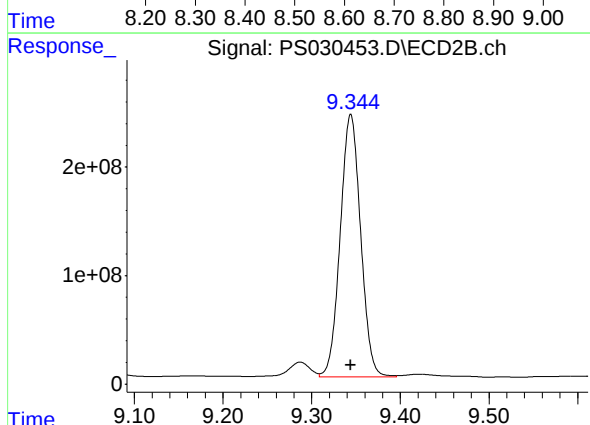
ClientSampleId :

TP-3MSD

Manual Integrations

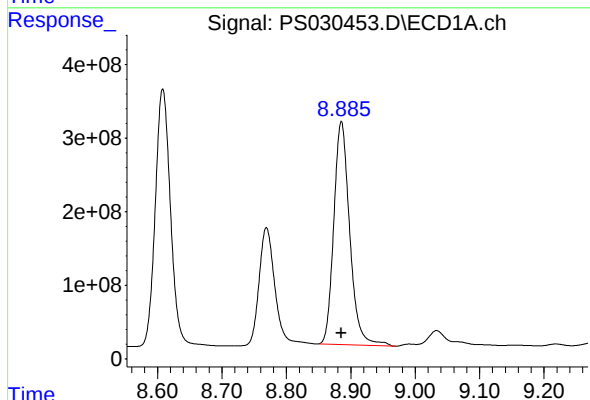
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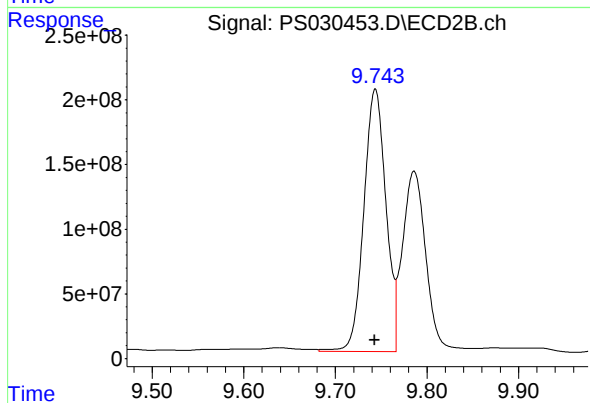
#11 2,4,5-TP (SILVEX)

R.T.: 9.344 min
Delta R.T.: 0.000 min
Response: 3867552143
Conc: 236.31 ng/ml



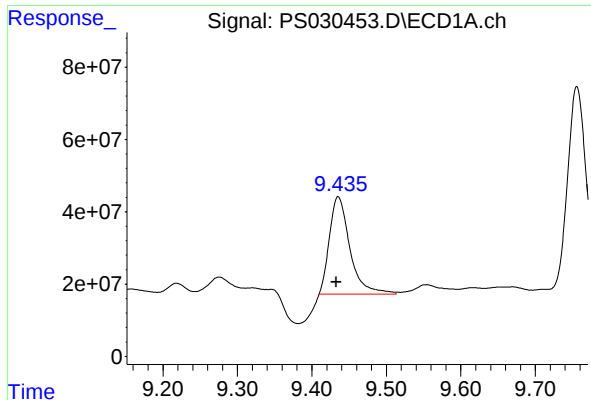
#12 2,4,5-T

R.T.: 8.885 min
Delta R.T.: 0.000 min
Response: 5208158806
Conc: 233.03 ng/ml



#12 2,4,5-T

R.T.: 9.744 min
Delta R.T.: 0.000 min
Response: 3401212295
Conc: 230.36 ng/ml



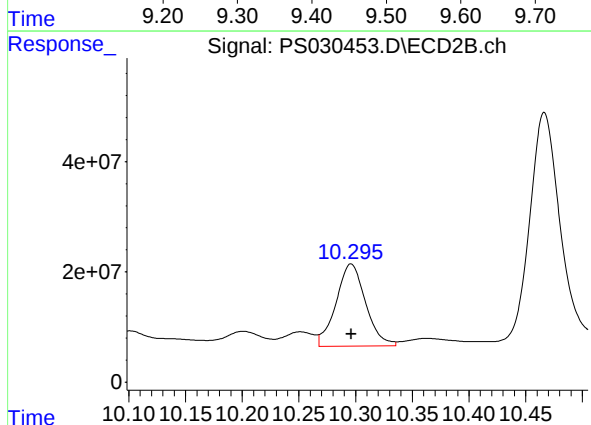
#13 2,4-DB

R.T.: 9.435 min
Delta R.T.: 0.002 min
Response: 514542794
Conc: 146.85 ng/ml

Instrument :
ECD_S
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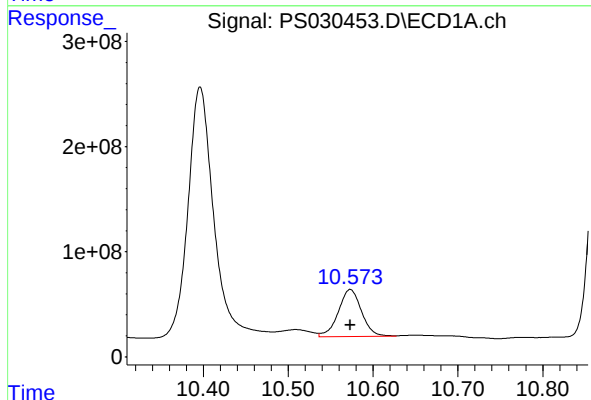
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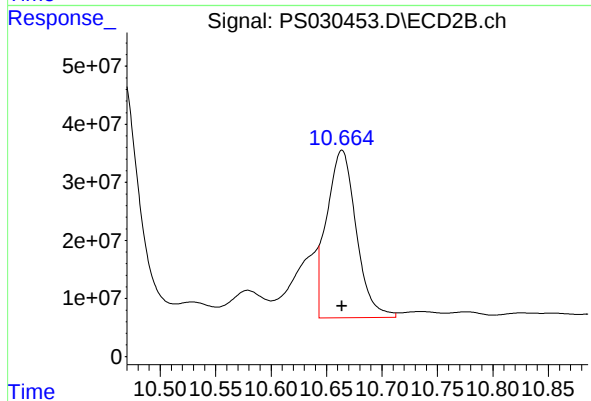
#13 2,4-DB

R.T.: 10.295 min
Delta R.T.: 0.000 min
Response: 271109389
Conc: 197.26 ng/ml



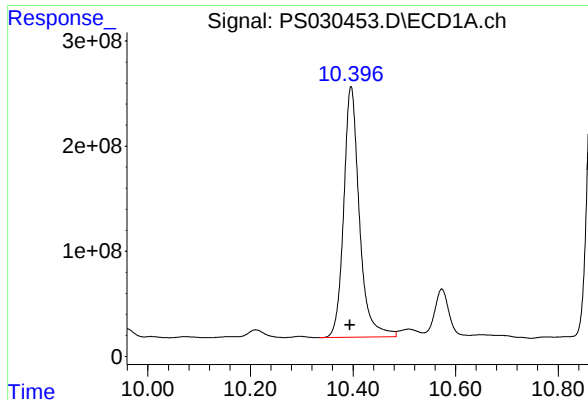
#14 DINOSEB

R.T.: 10.573 min
Delta R.T.: 0.000 min
Response: 857012139
Conc: 45.96 ng/ml



#14 DINOSEB

R.T.: 10.664 min
Delta R.T.: 0.000 min
Response: 528487964
Conc: 46.62 ng/ml



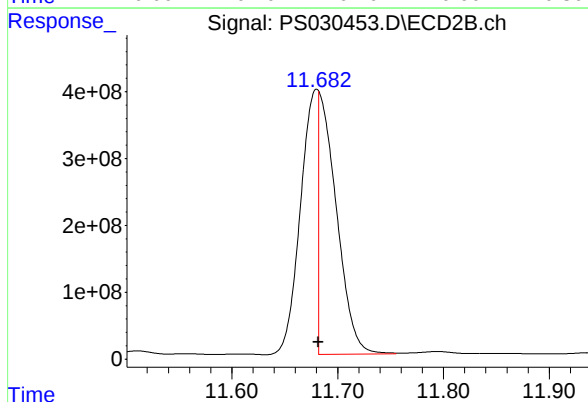
#15 Picloram

R.T.: 10.396 min
Delta R.T.: 0.002 min
Response: 5041898614
Conc: 183.40 ng/ml

Instrument :
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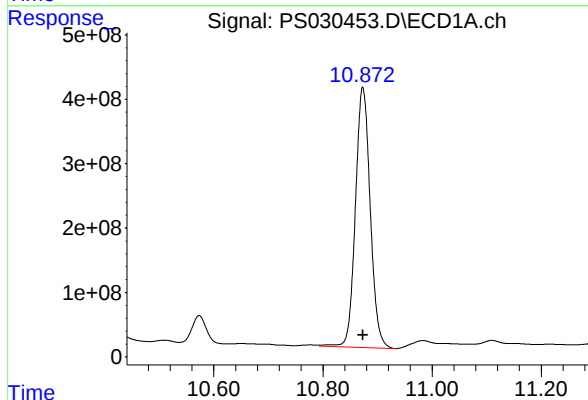
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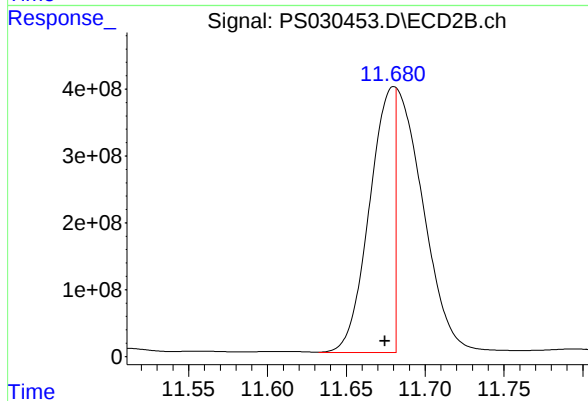
#15 Picloram

R.T.: 11.682 min
Delta R.T.: 0.000 min
Response: 4544016925
Conc: 181.66 ng/ml m



#16 DCPA

R.T.: 10.873 min
Delta R.T.: 0.000 min
Response: 7615687828
Conc: 248.17 ng/ml



#16 DCPA

R.T.: 11.680 min
Delta R.T.: 0.005 min
Response: 4346947256
Conc: 198.17 ng/ml m