

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS070225\
 Data File : PS030896.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Jul 2025 15:59
 Operator : AR\AJ
 Sample : Q2436-10MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 TP-82MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/03/2025
 Supervised By :mohammad ahmed 07/04/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 03 01:44:28 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS061825.M
 Quant Title : 8080.M
 QLast Update : Thu Jun 19 05:11:26 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	7.339	7.768	1068.1E6	351.2E6	290.682m	327.606
Target Compounds							
1) T	Dalapon	2.687	2.702	404.3E6	635.3E6	67.766m	231.724m#
2) T	3,5-DICHL...	6.500	6.715	1493.5E6	452.7E6	277.726	280.601
3) T	4-Nitroph...	7.140	7.301	440.0E6	469.0E6	279.063	270.535
5) T	DICAMBA	7.529	7.971	2873.2E6	1202.5E6	188.840m	183.498
6) T	MCPD	7.708	8.068	260.2E6	45001081	27.715m	21.457
7) T	MCPA	7.858	8.314	337.6E6	84371257	28.776	26.821
8) T	DICHLORPROP	8.242	8.688	1254.0E6	537.7E6	334.784	341.910m
9) T	2,4-D	8.475	9.025	1254.7E6	587.3E6	364.271	345.613
10) T	Pentachlo...	8.781	9.549	17938.4E6	12154.4E6	338.937	318.827
11) T	2,4,5-TP ...	9.361	9.930	6610.4E6	4679.5E6	330.020	324.322
12) T	2,4,5-T	9.655	10.356	5437.5E6	4340.4E6	330.481	317.641
13) T	2,4-DB	10.233	10.924	683.1E6	378.5E6	297.848m	319.934
14) T	DINOSEB	11.449	11.315	716.7E6	1586.0E6	51.658m	147.104 #
15) T	Picloram	11.258	12.419	1924.5E6	1838.7E6	119.709m	79.114 #
16) T	DCPA	11.739f	12.353	306.5E6	539.1E6	11.965m	24.459m#

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

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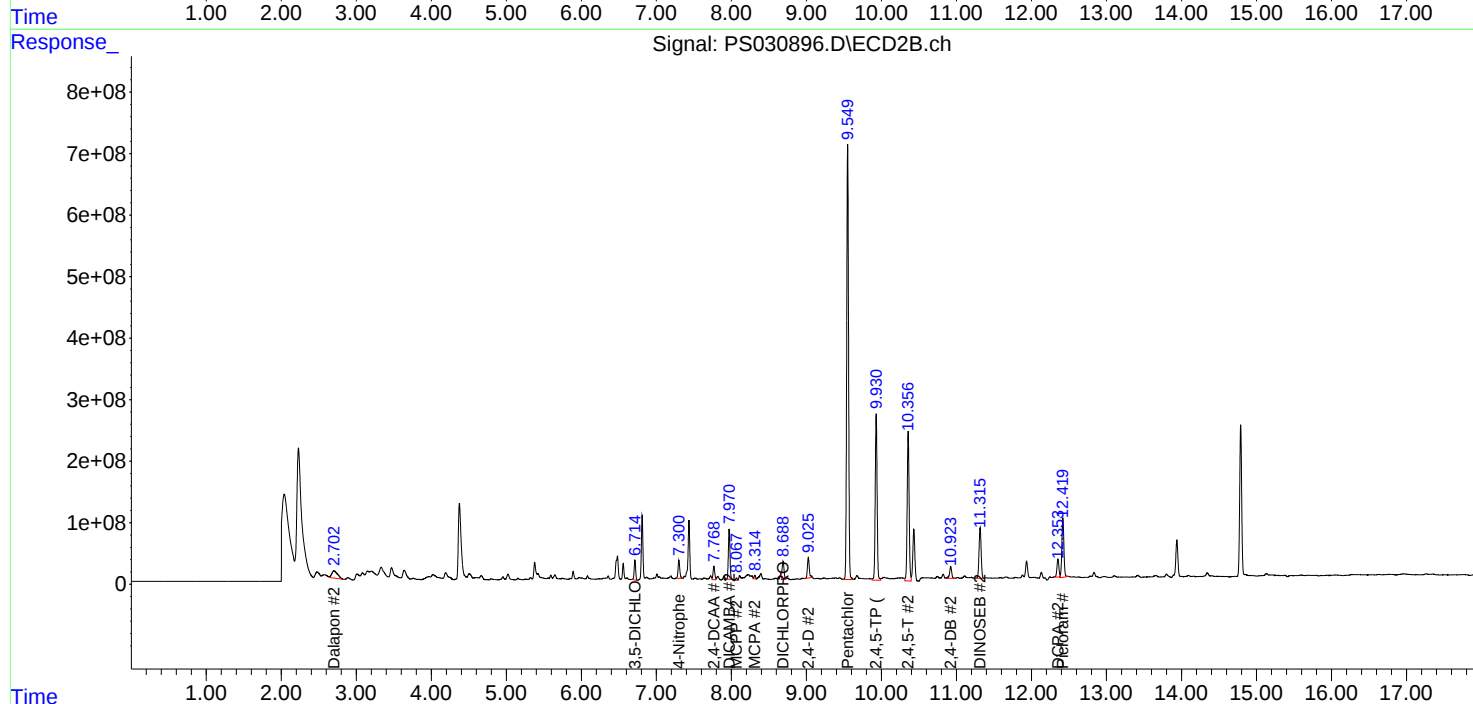
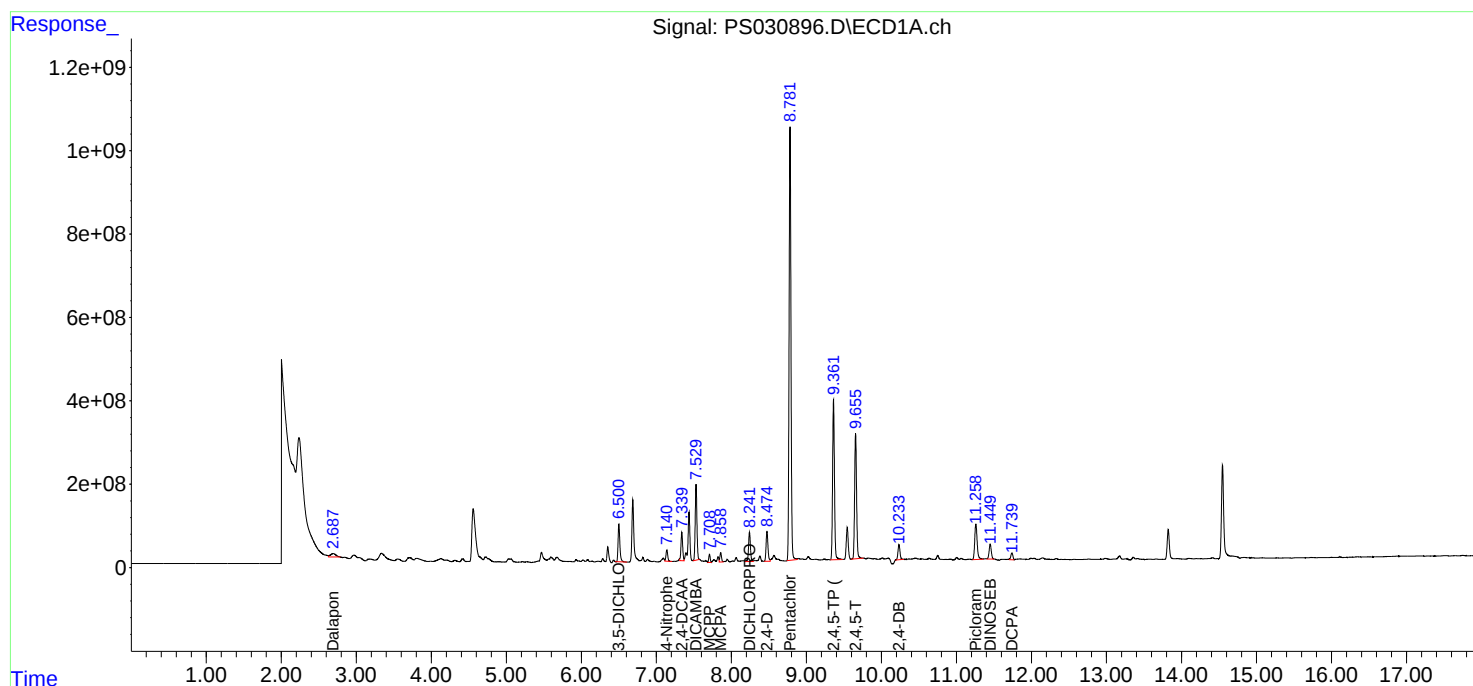
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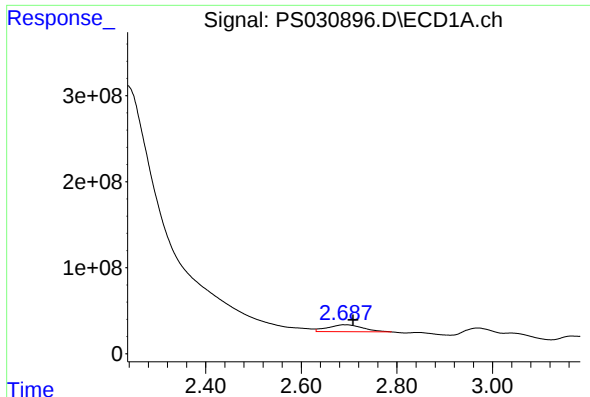
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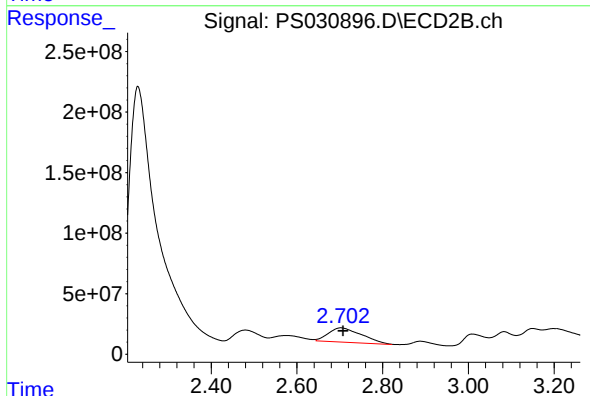
#1 Dalapon

R.T.: 2.687 min
Delta R.T.: -0.021 min
Response: 404267188
Conc: 67.77 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-82MS

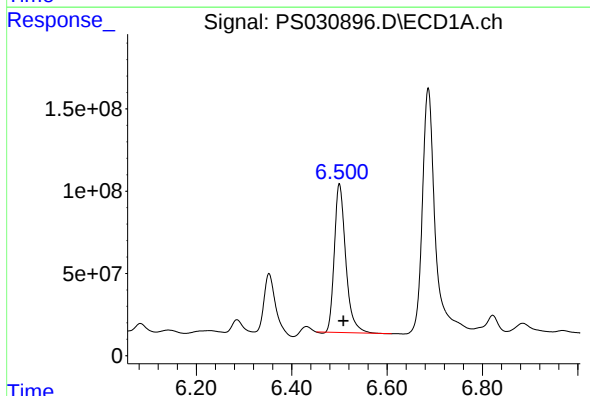
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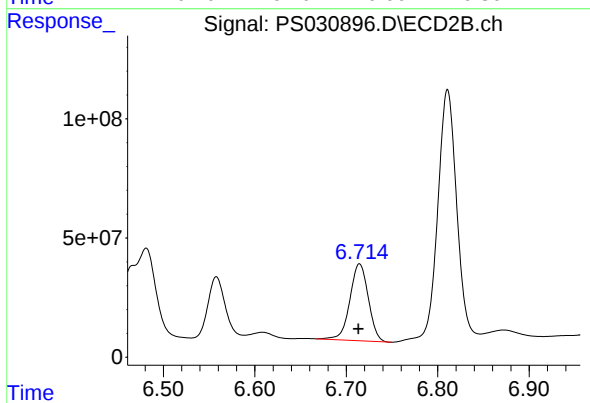
#1 Dalapon

R.T.: 2.702 min
Delta R.T.: -0.006 min
Response: 635327418
Conc: 231.72 ng/ml m



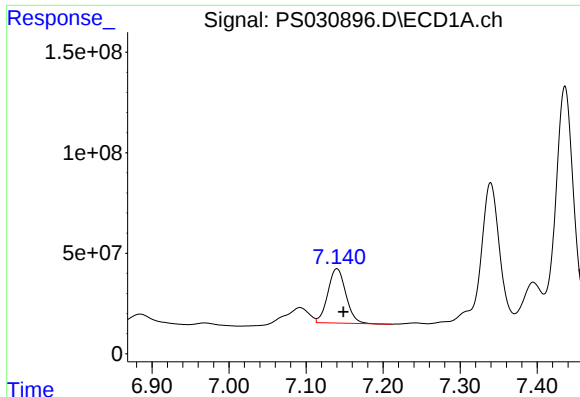
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.500 min
Delta R.T.: -0.009 min
Response: 1493484402
Conc: 277.73 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.715 min
Delta R.T.: 0.001 min
Response: 452650954
Conc: 280.60 ng/ml



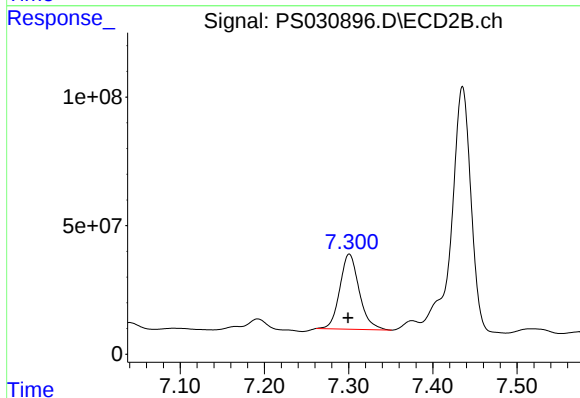
#3 4-Nitrophenol

R.T.: 7.140 min
Delta R.T.: -0.009 min
Response: 440017743
Conc: 279.06 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-82MS

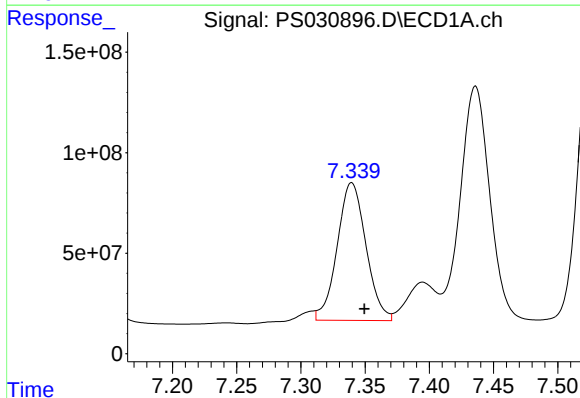
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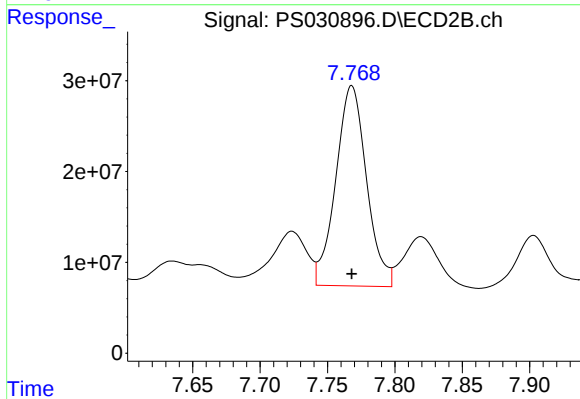
#3 4-Nitrophenol

R.T.: 7.301 min
Delta R.T.: 0.001 min
Response: 468982715
Conc: 270.54 ng/ml



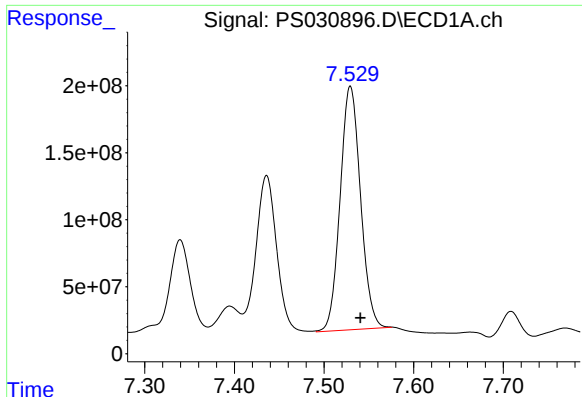
#4 2,4-DCAA

R.T.: 7.339 min
Delta R.T.: -0.010 min
Response: 1068079622
Conc: 290.68 ng/ml m



#4 2,4-DCAA

R.T.: 7.768 min
Delta R.T.: 0.000 min
Response: 351181884
Conc: 327.61 ng/ml



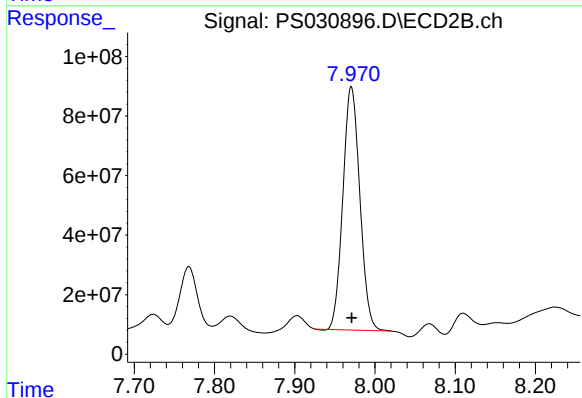
#5 DICAMBA

R.T.: 7.529 min
Delta R.T.: -0.012 min
Response: 2873217732
Conc: 188.84 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-82MS

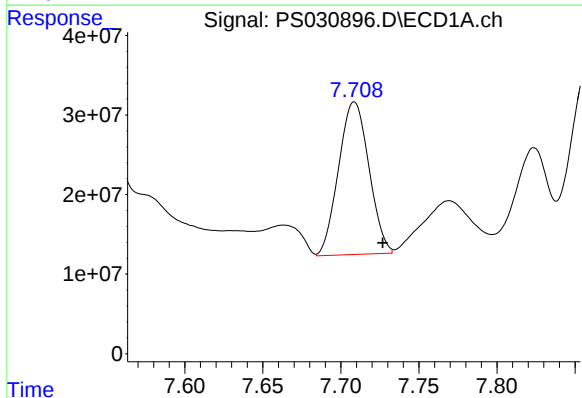
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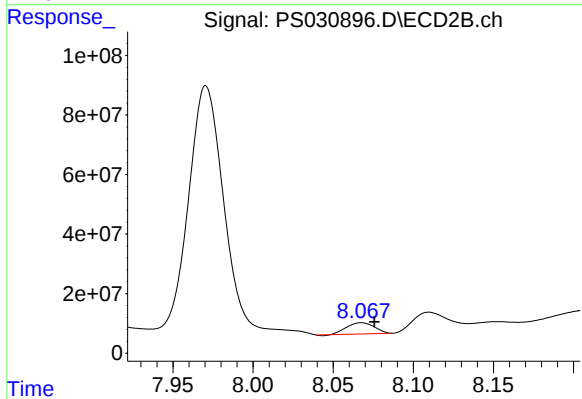
#5 DICAMBA

R.T.: 7.971 min
Delta R.T.: 0.000 min
Response: 1202504289
Conc: 183.50 ng/ml



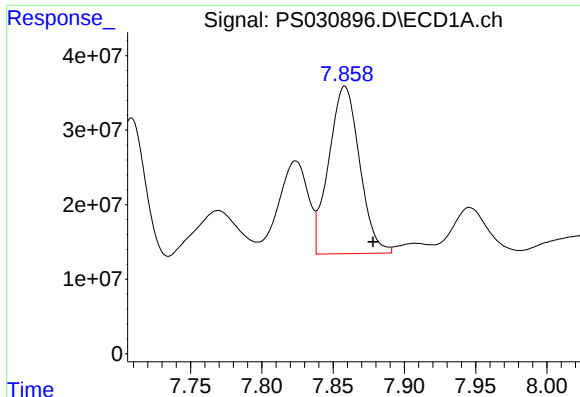
#6 MCP

R.T.: 7.708 min
Delta R.T.: -0.019 min
Response: 260200961
Conc: 27.72 ug/ml m



#6 MCP

R.T.: 8.068 min
Delta R.T.: -0.008 min
Response: 45001081
Conc: 21.46 ug/ml



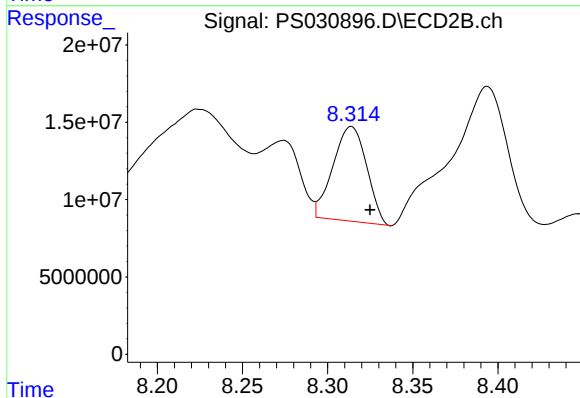
#7 MCPA

R.T.: 7.858 min
Delta R.T.: -0.020 min
Response: 337561629
Conc: 28.78 ug/ml

Instrument :
ECD_S
ClientSampleId :
TP-82MS

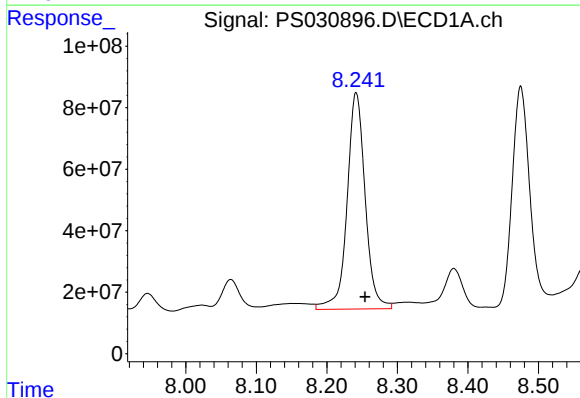
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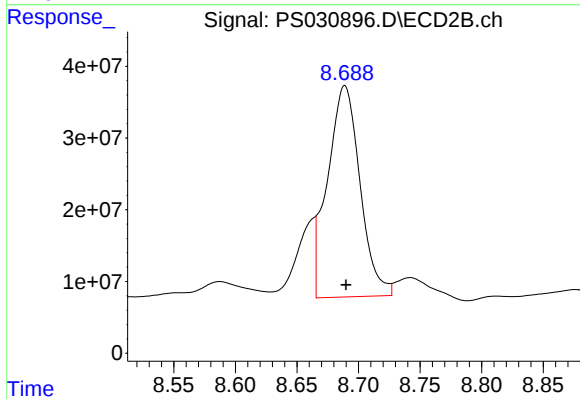
#7 MCPA

R.T.: 8.314 min
Delta R.T.: -0.011 min
Response: 84371257
Conc: 26.82 ug/ml



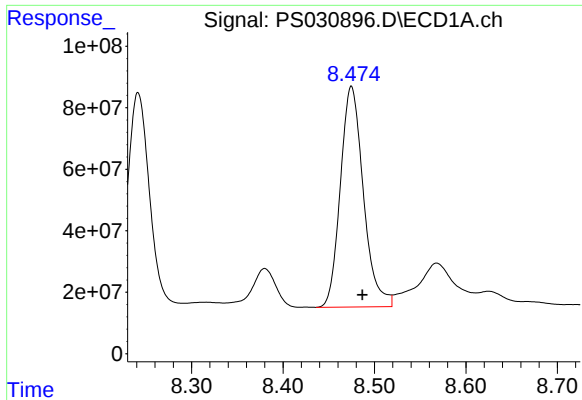
#8 DICHLORPROP

R.T.: 8.242 min
Delta R.T.: -0.013 min
Response: 1254022062
Conc: 334.78 ng/ml



#8 DICHLORPROP

R.T.: 8.688 min
Delta R.T.: -0.002 min
Response: 537652328
Conc: 341.91 ng/ml m



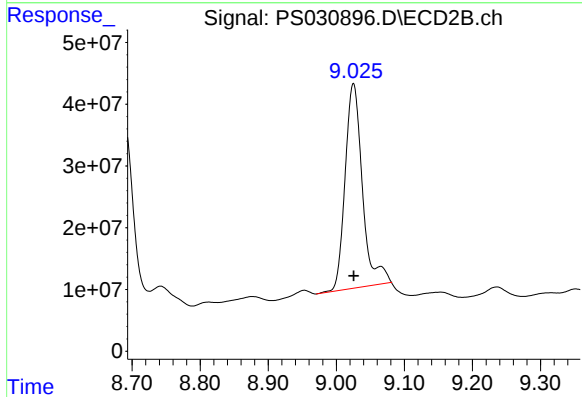
#9 2,4-D

R.T.: 8.475 min
Delta R.T.: -0.012 min
Response: 1254697690
Conc: 364.27 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-82MS

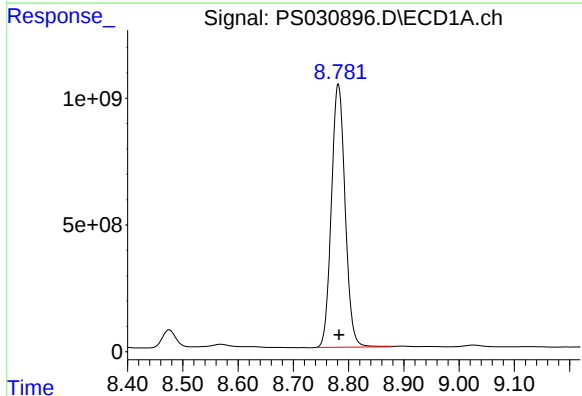
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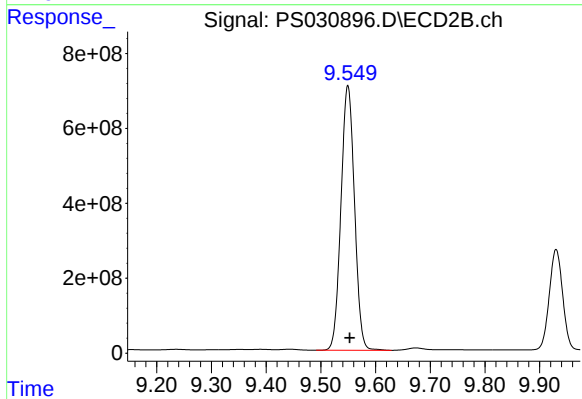
#9 2,4-D

R.T.: 9.025 min
Delta R.T.: 0.000 min
Response: 587336369
Conc: 345.61 ng/ml



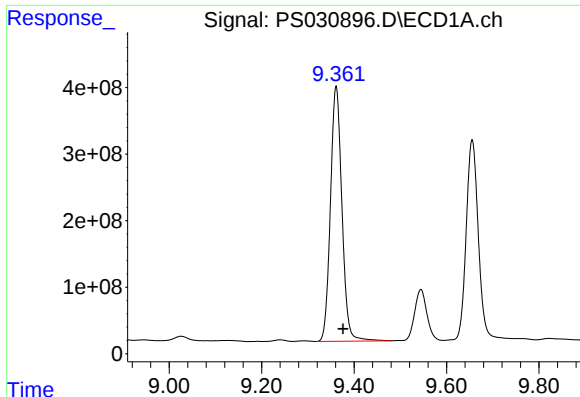
#10 Pentachlorophenol

R.T.: 8.781 min
Delta R.T.: -0.002 min
Response: 17938364523
Conc: 338.94 ng/ml



#10 Pentachlorophenol

R.T.: 9.549 min
Delta R.T.: -0.003 min
Response: 12154356806
Conc: 318.83 ng/ml



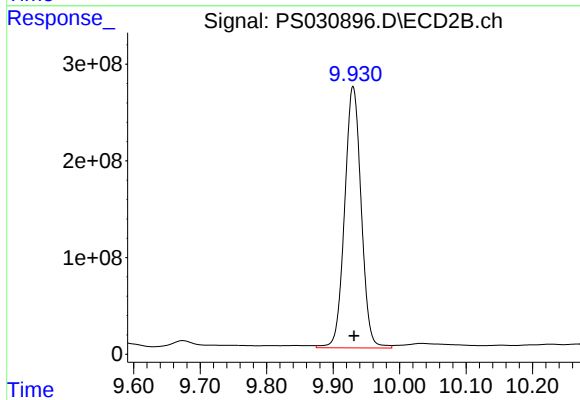
#11 2,4,5-TP (SILVEX)

R.T.: 9.361 min
Delta R.T.: -0.015 min
Response: 6610442405
Conc: 330.02 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-82MS

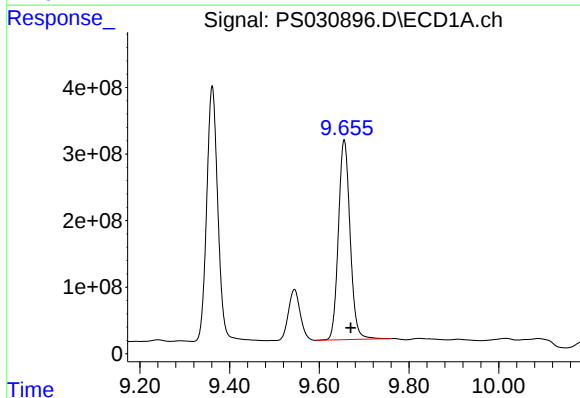
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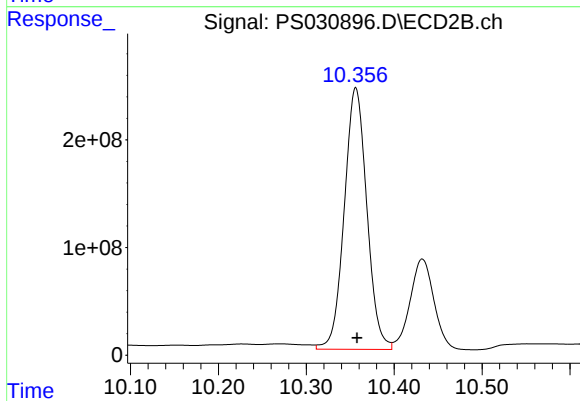
#11 2,4,5-TP (SILVEX)

R.T.: 9.930 min
Delta R.T.: -0.002 min
Response: 4679541959
Conc: 324.32 ng/ml



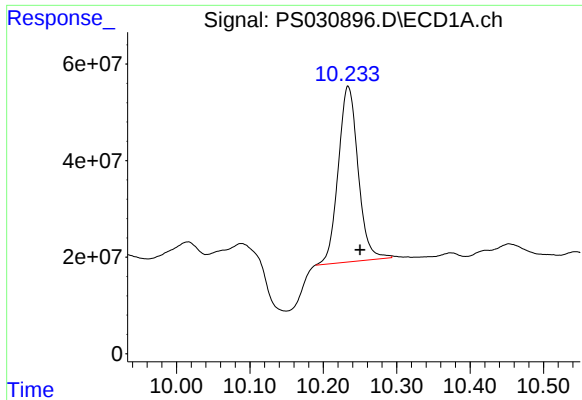
#12 2,4,5-T

R.T.: 9.655 min
Delta R.T.: -0.015 min
Response: 5437455158
Conc: 330.48 ng/ml



#12 2,4,5-T

R.T.: 10.356 min
Delta R.T.: -0.001 min
Response: 4340442462
Conc: 317.64 ng/ml



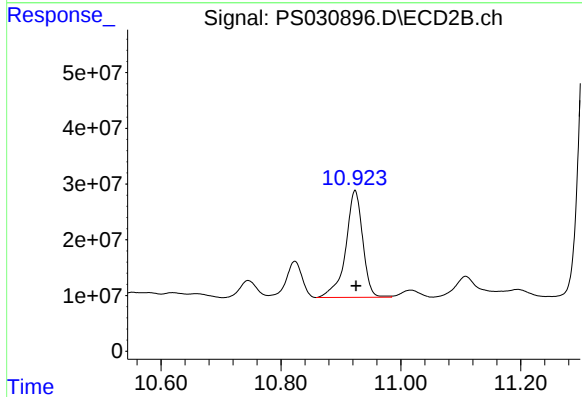
#13 2,4-DB

R.T.: 10.233 min
Delta R.T.: -0.017 min
Response: 683115564
Conc: 297.85 ng/ml

Instrument :
ECD_S
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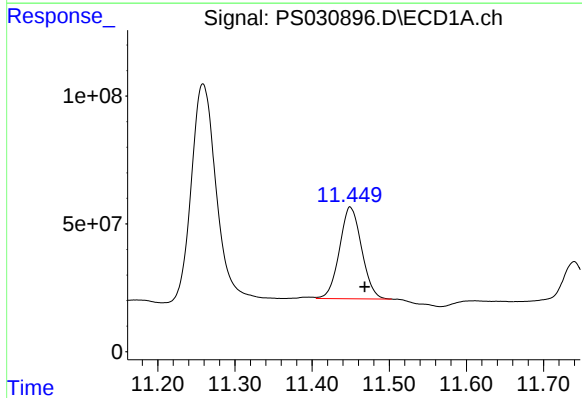
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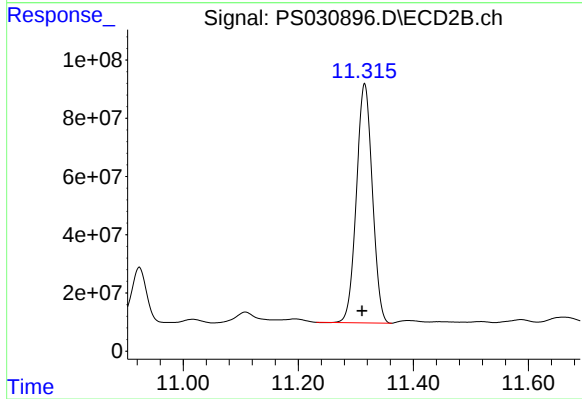
#13 2,4-DB

R.T.: 10.924 min
Delta R.T.: -0.001 min
Response: 378451522
Conc: 319.93 ng/ml



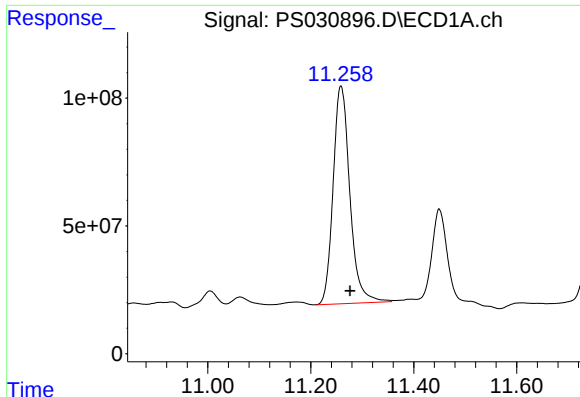
#14 DINOSEB

R.T.: 11.449 min
Delta R.T.: -0.020 min
Response: 716655410
Conc: 51.66 ng/ml m



#14 DINOSEB

R.T.: 11.315 min
Delta R.T.: 0.004 min
Response: 1585965473
Conc: 147.10 ng/ml



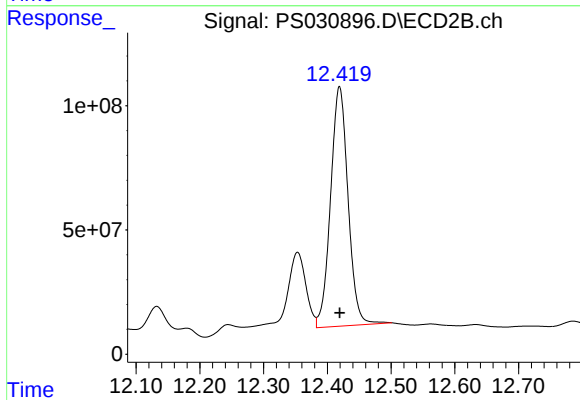
#15 Picloram

R.T.: 11.258 min
Delta R.T.: -0.018 min
Response: 1924457833
Conc: 119.71 ng/ml

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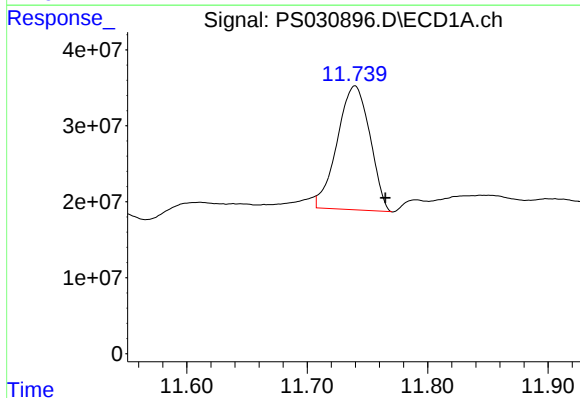
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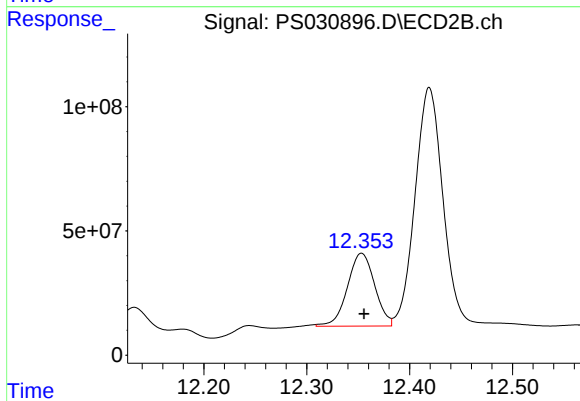
#15 Picloram

R.T.: 12.419 min
Delta R.T.: 0.000 min
Response: 1838723470
Conc: 79.11 ng/ml



#16 DCPA

R.T.: 11.739 min
Delta R.T.: -0.026 min
Response: 306499547
Conc: 11.97 ng/ml m



#16 DCPA

R.T.: 12.353 min
Delta R.T.: -0.003 min
Response: 539139563
Conc: 24.46 ng/ml m