

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS011323\
 Data File : PS021747.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Jan 2023 17:38
 Operator : AR\AJ
 Sample : 01124-01MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 TP-CMS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 01/16/2023
 Supervised By : Ankita Jodhani 01/16/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 15 20:23:07 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS010923.M
 Quant Title : 8080.M
 QLast Update : Tue Jan 10 10:34:52 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : Rtx-CLPesticides Signal #2 Phase: Rtx-CLPesticides2
 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	6.373	6.809	743.1E6	497.3E6	266.963m	276.801
Target Compounds							
2) T	3,5-DICHL...	5.747	5.991	735.6E6	497.6E6	190.168	180.560
3) T	4-Nitroph...	6.219	6.430	62008232	42378178	42.541m	38.658m
5) T	DICAMBA	6.516	6.973	2907.2E6	1916.1E6	237.766	225.356
6) T	MCP	6.668	7.066	119.0E6	87022559	12.418	13.122
7) T	MCPA	6.792	7.278	263.0E6	257.4E6	20.365m	28.383 #
8) T	DICHLORPROP	7.114	7.598	486.6E6	385.7E6	150.860	180.770
9) T	2,4-D	7.317	7.889	864.1E6	686.9E6	222.494	271.881
10) T	Pentachlo...	7.544	8.317	3895.9E6	2464.4E6	93.529	85.872
11) T	2,4,5-TP ...	8.073	8.679	2167.6E6	1450.9E6	117.638	122.023
12) T	2,4,5-T	8.337	9.057	3112.8E6	1797.6E6	161.487	160.935
13) T	2,4-DB	8.854	9.569	684.1E6	359.4E6	216.115	239.851
15) T	Picloram	9.731	10.861	8237.9E6	6274.1E6	290.400	354.299
16) T	DCPA	10.163	10.817	10741.4E6	5862.8E6	434.806	420.585

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

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Operator : AR\AJ
Sample : 01124-01MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

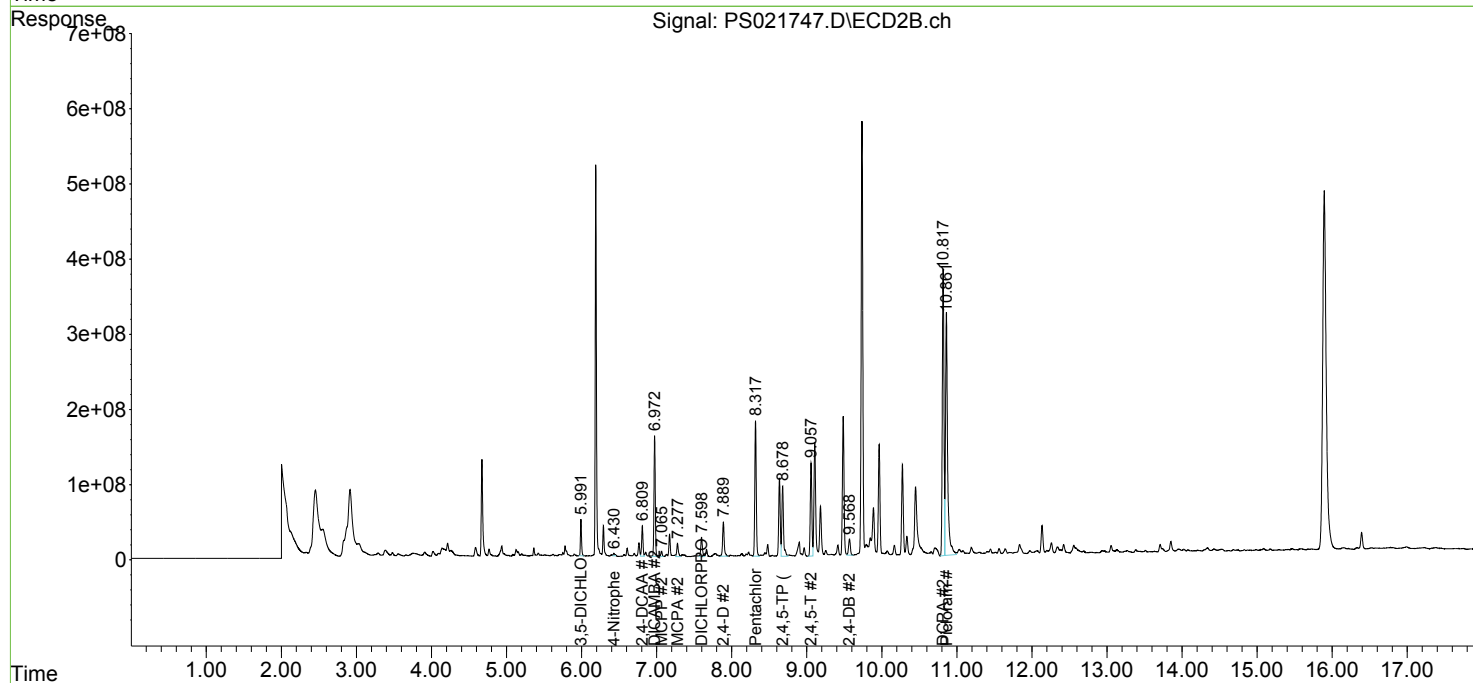
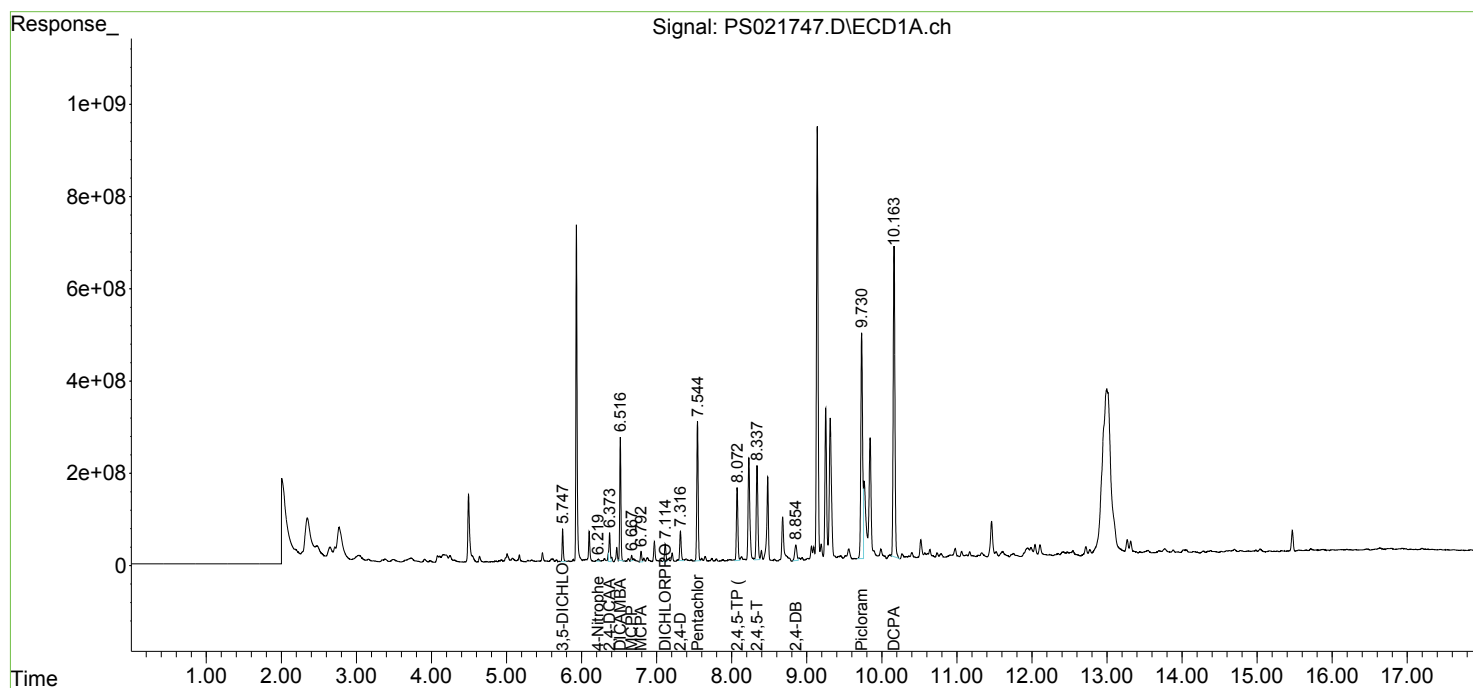
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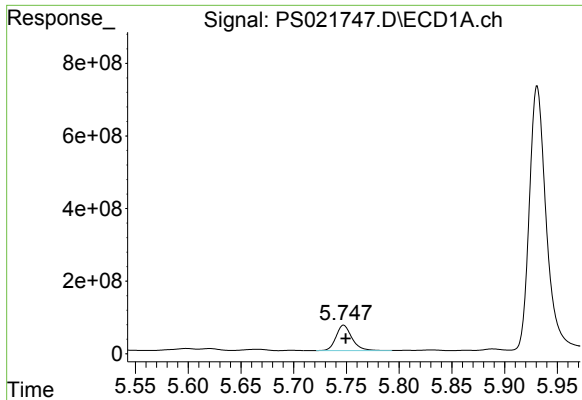
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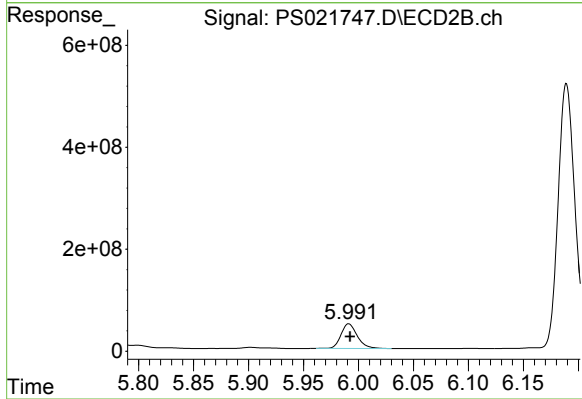
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.747 min
Delta R.T.: -0.002 min
Response: 735622483
Conc: 190.17 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-CMS

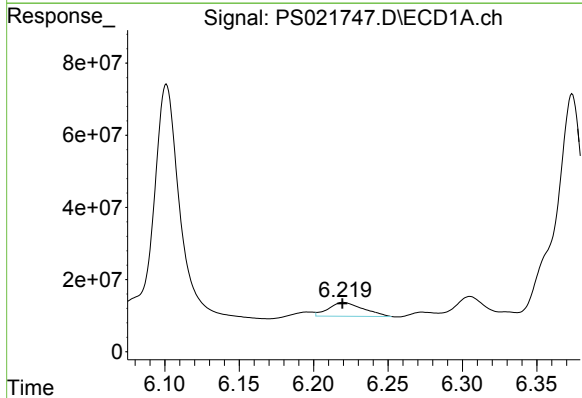
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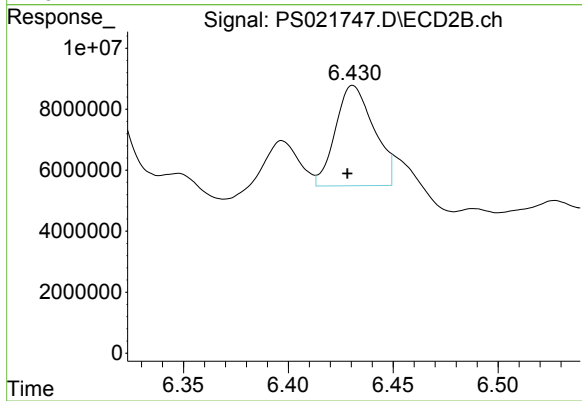
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.991 min
Delta R.T.: -0.001 min
Response: 497595169
Conc: 180.56 ng/ml



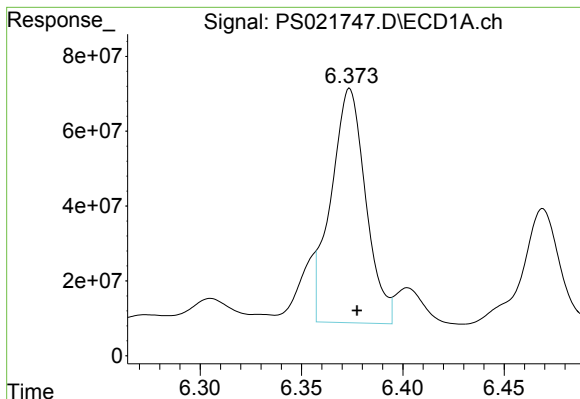
#3 4-Nitrophenol

R.T.: 6.219 min
Delta R.T.: 0.000 min
Response: 62008232
Conc: 42.54 ng/ml m



#3 4-Nitrophenol

R.T.: 6.430 min
Delta R.T.: 0.002 min
Response: 42378178
Conc: 38.66 ng/ml m



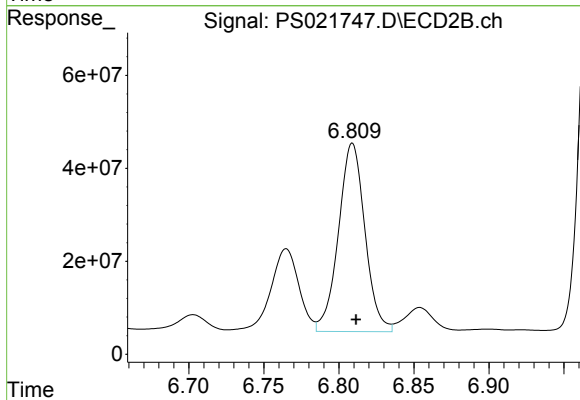
#4 2,4-DCAA

R.T.: 6.373 min
Delta R.T.: -0.004 min
Response: 743108818
Conc: 266.96 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-CMS

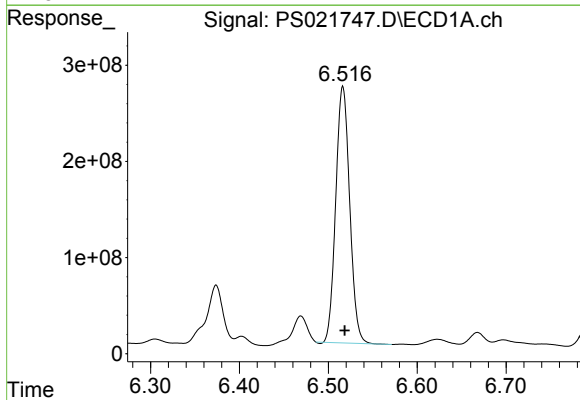
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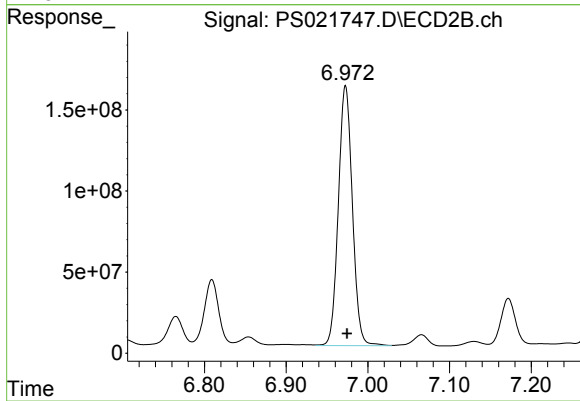
#4 2,4-DCAA

R.T.: 6.809 min
Delta R.T.: -0.002 min
Response: 497325554
Conc: 276.80 ng/ml



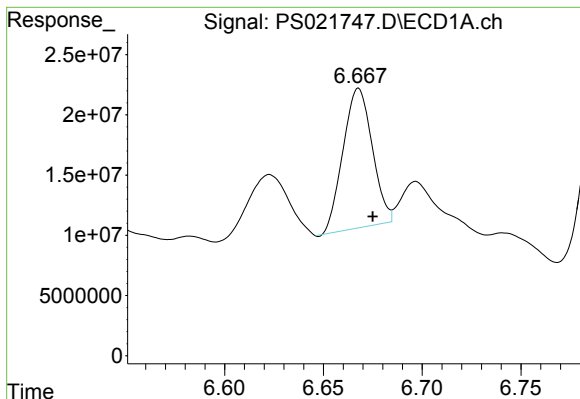
#5 DICAMBA

R.T.: 6.516 min
Delta R.T.: -0.002 min
Response: 2907202486
Conc: 237.77 ng/ml



#5 DICAMBA

R.T.: 6.973 min
Delta R.T.: -0.002 min
Response: 1916143780
Conc: 225.36 ng/ml



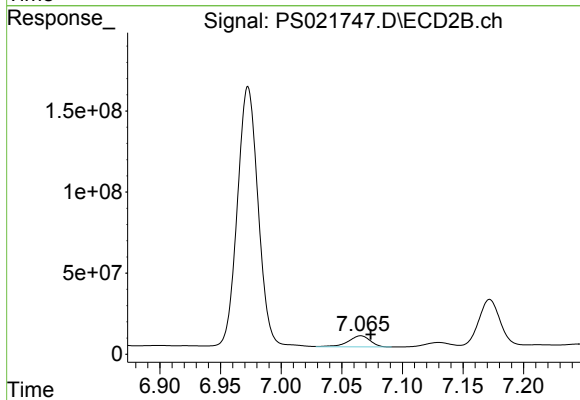
#6 MCP

R.T.: 6.668 min
Delta R.T.: -0.007 min
Response: 118987815
Conc: 12.42 ug/ml

Instrument :
ECD_S
ClientSampleId :
TP-CMS

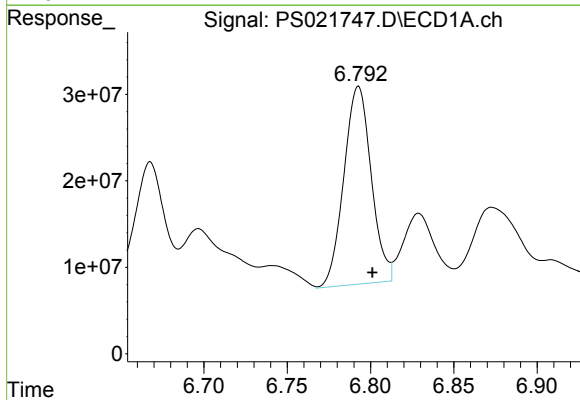
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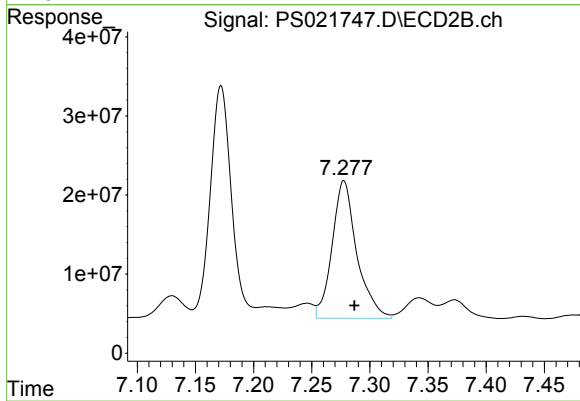
#6 MCP

R.T.: 7.066 min
Delta R.T.: -0.008 min
Response: 87022559
Conc: 13.12 ug/ml



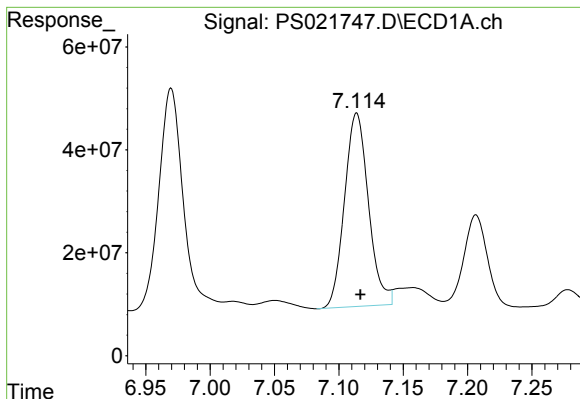
#7 MCPA

R.T.: 6.792 min
Delta R.T.: -0.009 min
Response: 263042490
Conc: 20.36 ug/ml m



#7 MCPA

R.T.: 7.278 min
Delta R.T.: -0.009 min
Response: 257414930
Conc: 28.38 ug/ml



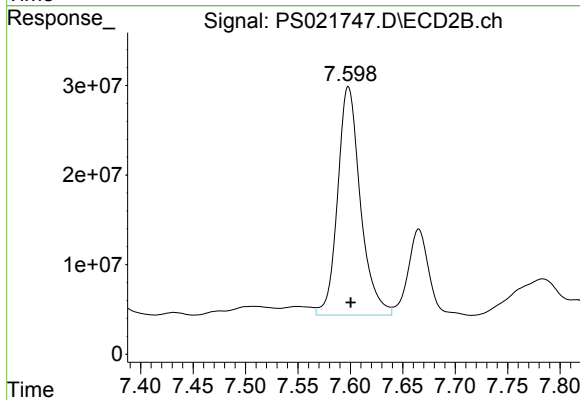
#8 DICHLORPROP

R.T.: 7.114 min
Delta R.T.: -0.003 min
Response: 486565160
Conc: 150.86 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-CMS

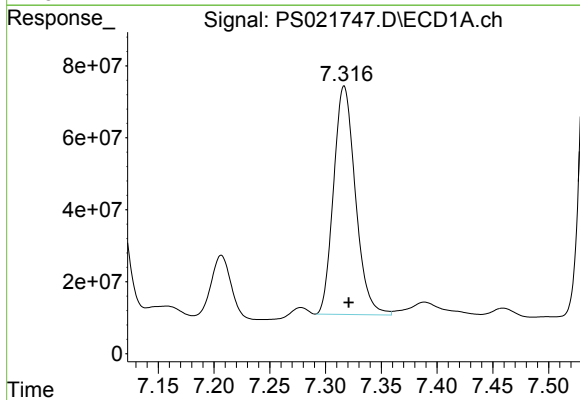
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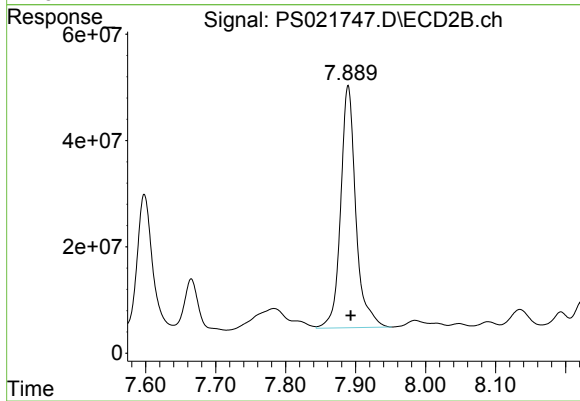
#8 DICHLORPROP

R.T.: 7.598 min
Delta R.T.: -0.002 min
Response: 385678268
Conc: 180.77 ng/ml



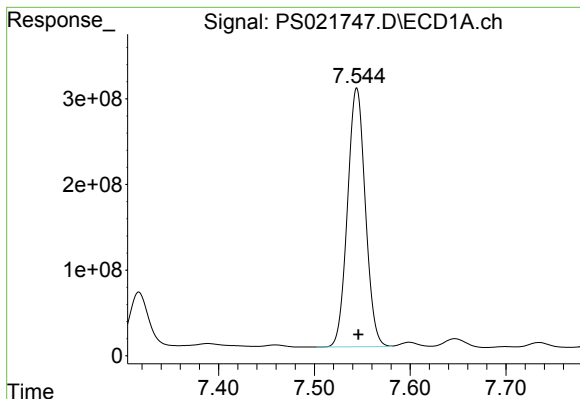
#9 2,4-D

R.T.: 7.317 min
Delta R.T.: -0.004 min
Response: 864123833
Conc: 222.49 ng/ml



#9 2,4-D

R.T.: 7.889 min
Delta R.T.: -0.004 min
Response: 686911219
Conc: 271.88 ng/ml



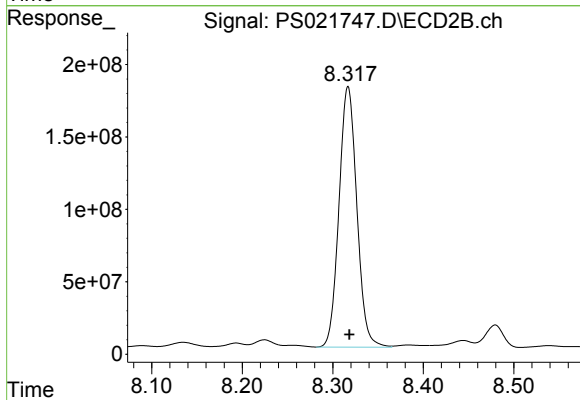
#10 Pentachlorophenol

R.T.: 7.544 min
Delta R.T.: -0.002 min
Response: 3895876928
Conc: 93.53 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-CMS

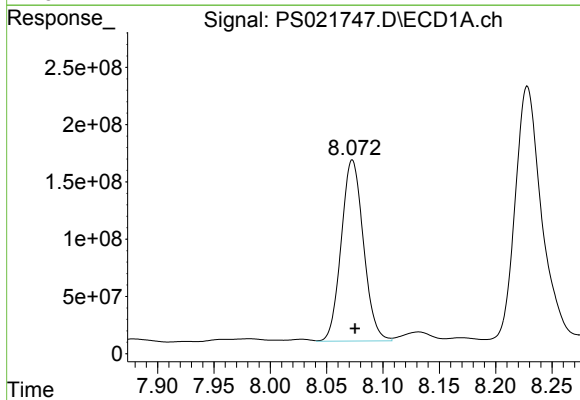
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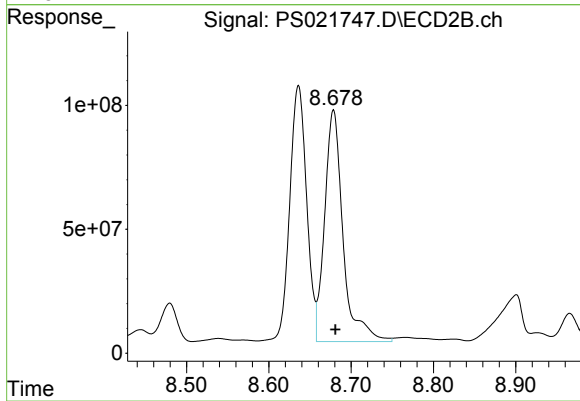
#10 Pentachlorophenol

R.T.: 8.317 min
Delta R.T.: -0.001 min
Response: 2464412083
Conc: 85.87 ng/ml



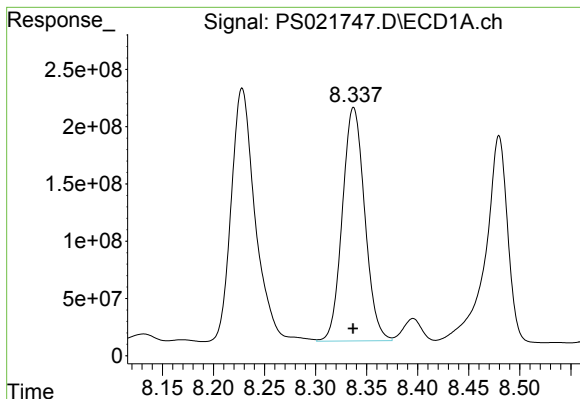
#11 2,4,5-TP (SILVEX)

R.T.: 8.073 min
Delta R.T.: -0.002 min
Response: 2167617186
Conc: 117.64 ng/ml



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

R.T.: 8.679 min
Delta R.T.: -0.002 min
Response: 1450893061
Conc: 122.02 ng/ml



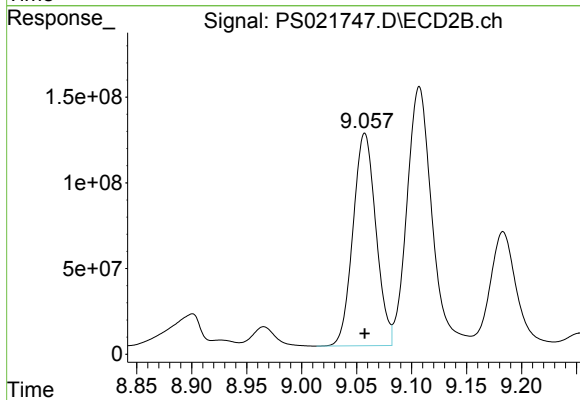
#12 2,4,5-T

R.T.: 8.337 min
Delta R.T.: 0.000 min
Response: 3112771472
Conc: 161.49 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-CMS

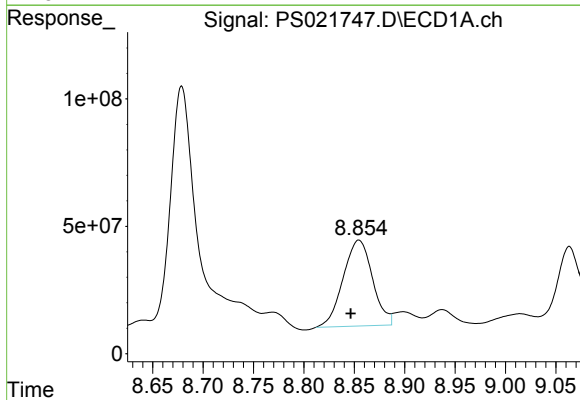
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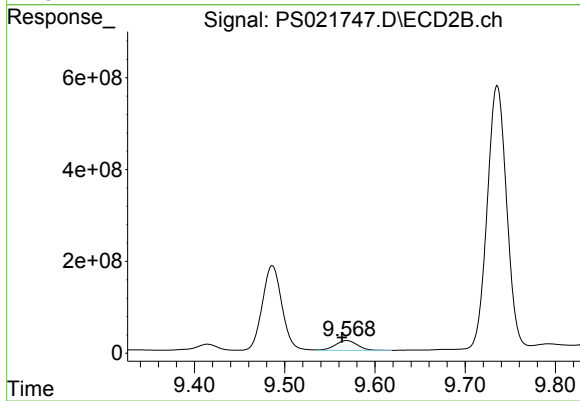
#12 2,4,5-T

R.T.: 9.057 min
Delta R.T.: 0.000 min
Response: 1797636403
Conc: 160.93 ng/ml



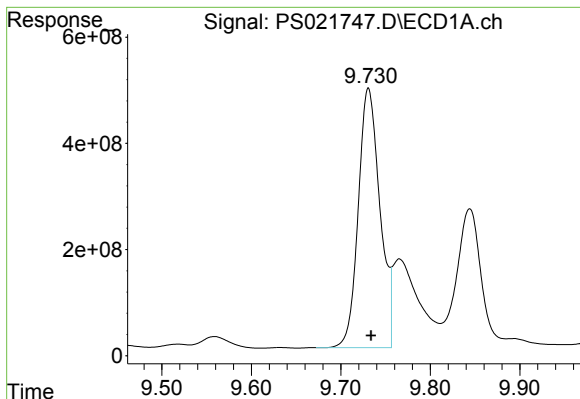
#13 2,4-DB

R.T.: 8.854 min
Delta R.T.: 0.008 min
Response: 684097884
Conc: 216.12 ng/ml



#13 2,4-DB

R.T.: 9.569 min
Delta R.T.: 0.005 min
Response: 359358321
Conc: 239.85 ng/ml



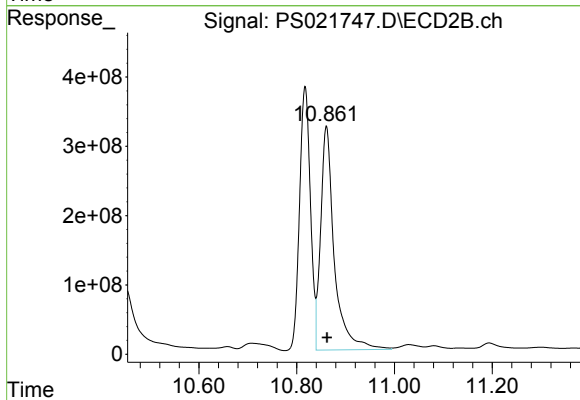
#15 Picloram

R.T.: 9.731 min
Delta R.T.: -0.003 min
Response: 8237901869
Conc: 290.40 ng/ml

Instrument :
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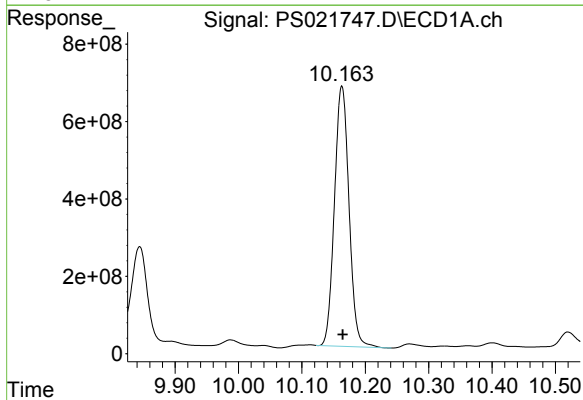
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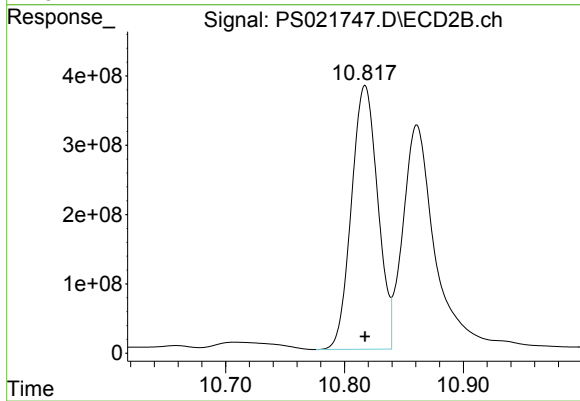
#15 Picloram

R.T.: 10.861 min
Delta R.T.: -0.001 min
Response: 6274105732
Conc: 354.30 ng/ml



#16 DCPA

R.T.: 10.163 min
Delta R.T.: -0.001 min
Response: 10741378224
Conc: 434.81 ng/ml



#16 DCPA

R.T.: 10.817 min
Delta R.T.: 0.000 min
Response: 5862842876
Conc: 420.58 ng/ml