

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS032223\
 Data File : PS022463.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Mar 2023 19:12
 Operator : AR\AJ
 Sample : 02001-07MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 IRV-3MSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/23/2023
 Supervised By : Ankita Jodhani 03/23/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 22 21:17:48 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS032023.M
 Quant Title : 8080.M
 QLast Update : Mon Mar 20 15:46:44 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	6.293	6.717	1075.0E6	854.3E6	439.770	414.781
Target Compounds							
2) T	3,5-DICHL...	5.677	5.919	1128.7E6	1019.5E6	303.143	319.689
3) T	4-Nitroph...	6.134	6.342	750.8E6	573.5E6	547.954	408.450 #
5) T	DICAMBA	6.431	6.876	3446.6E6	3211.8E6	335.264	325.579
6) T	MCP	6.580	6.973	256.3E6	240.7E6	33.713	30.921
7) T	MCPA	6.703	7.181	366.8E6	381.7E6	35.141	36.335
8) T	DICHLORPROP	7.015	7.503	752.2E6	1064.6E6	283.800m	427.548m#
9) T	2,4-D	7.215	7.785	1100.4E6	1032.3E6	335.580	348.926m
10) T	Pentachlo...	7.439	8.205	6652.6E6	6001.3E6	189.073	182.831
11) T	2,4,5-TP ...	7.965	8.567	5037.4E6	3873.1E6	337.003	284.326
12) T	2,4,5-T	8.224	8.948	4907.3E6	4061.9E6	298.841	322.887
13) T	2,4-DB	8.741	9.457	17372.8E6	19970.1E6	5761.578	11891.953m#
15) T	Picloram	9.615	10.741	4344.8E6	6682.4E6	175.044	333.005m#
16) T	DCPA	10.037	10.695	8107.4E6	9509.8E6	393.063	599.522 #

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

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ALS Vial : 10 Sample Multiplier: 1

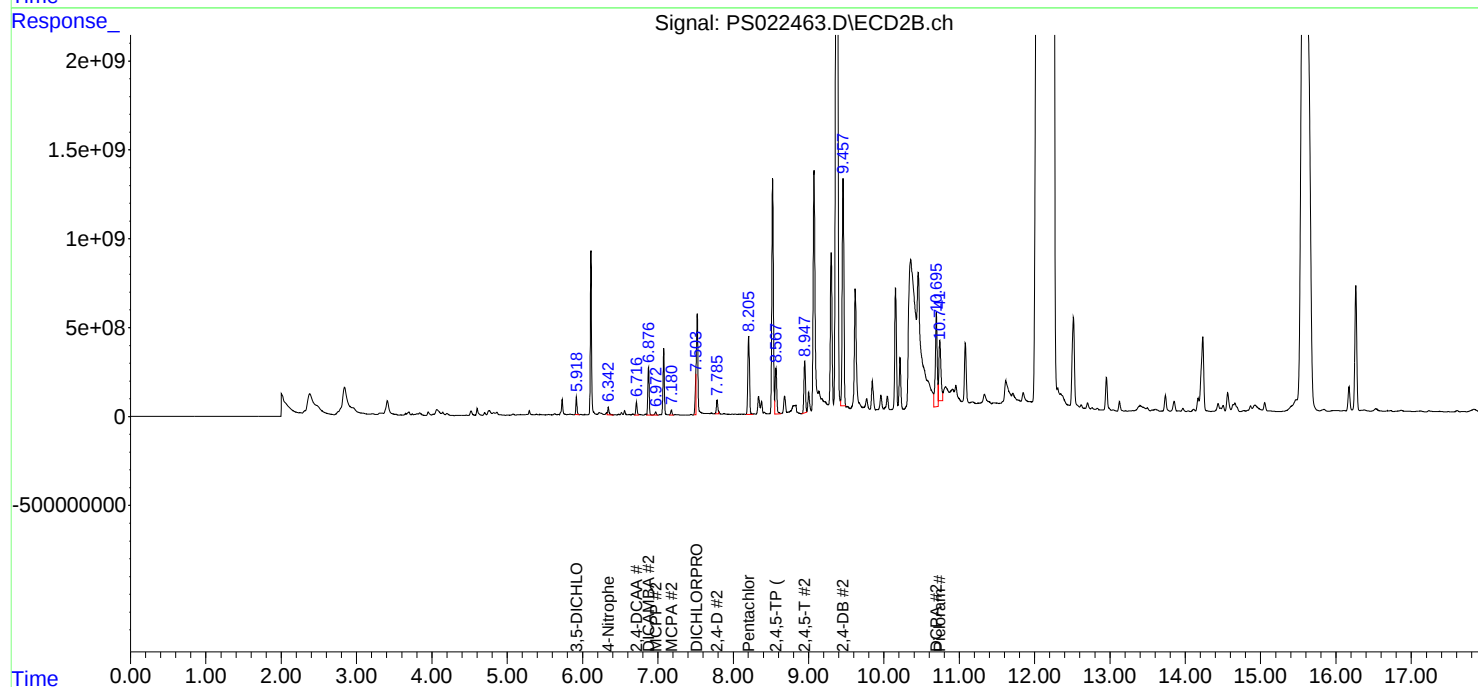
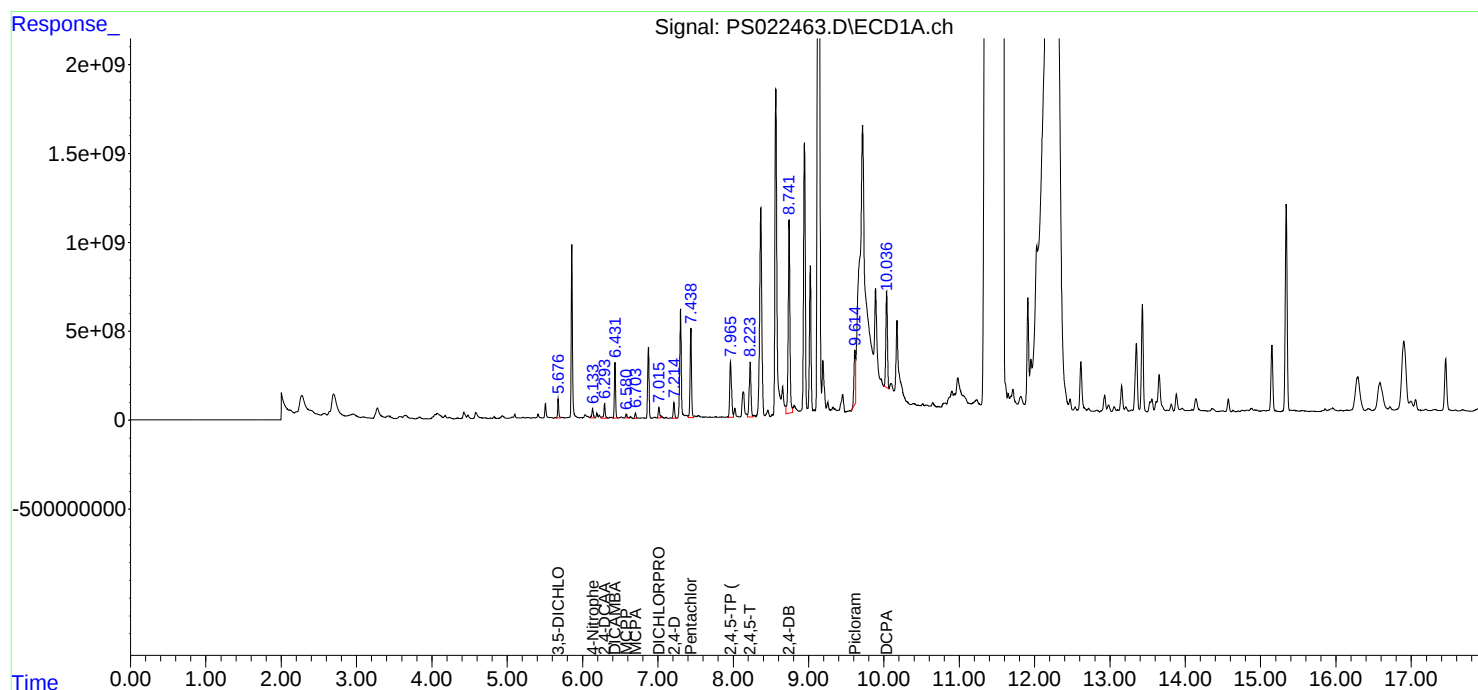
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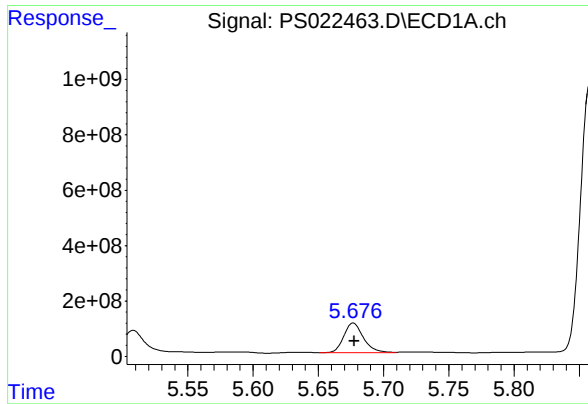
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Supervised By :Ankita Jodhani 03/23/2023

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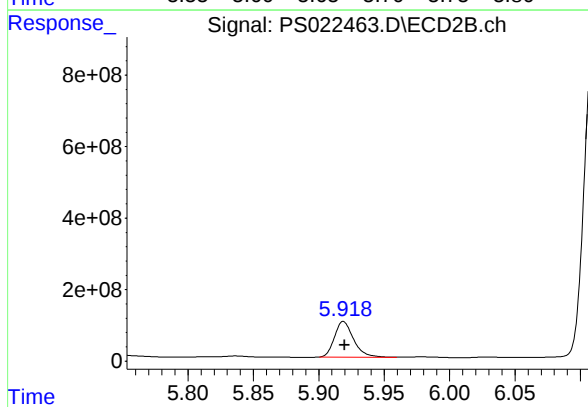
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.677 min
Delta R.T.: 0.000 min
Response: 1128700766
Conc: 303.14 ng/ml

Instrument :
ECD_S
ClientSampleId :
IRV-3MSD

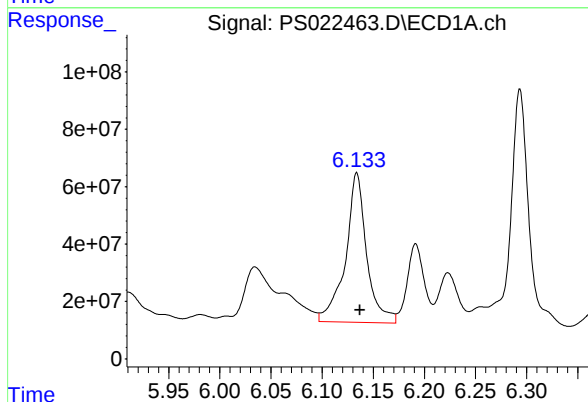
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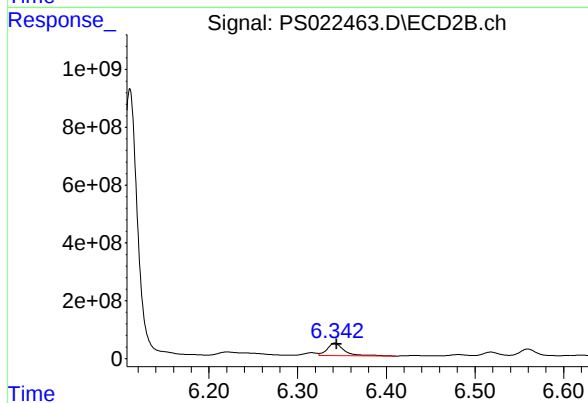
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.919 min
Delta R.T.: 0.000 min
Response: 1019471436
Conc: 319.69 ng/ml



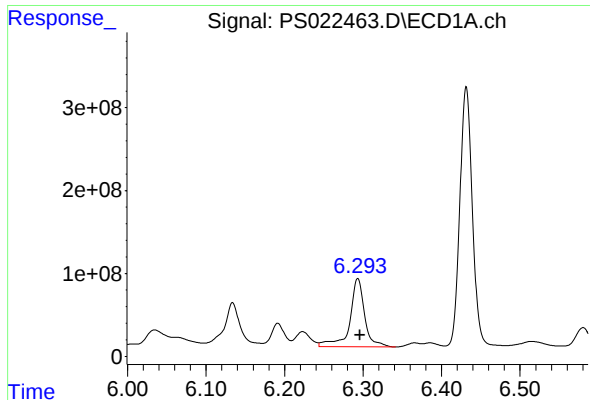
#3 4-Nitrophenol

R.T.: 6.134 min
Delta R.T.: -0.003 min
Response: 750792488
Conc: 547.95 ng/ml



#3 4-Nitrophenol

R.T.: 6.342 min
Delta R.T.: -0.002 min
Response: 573457404
Conc: 408.45 ng/ml



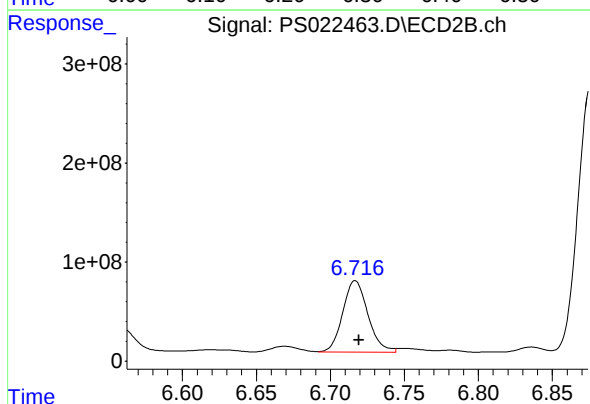
#4 2,4-DCAA

R.T.: 6.293 min
Delta R.T.: -0.003 min
Response: 1074965469
Conc: 439.77 ng/ml

Instrument :
ECD_S
ClientSampleId :
IRV-3MSD

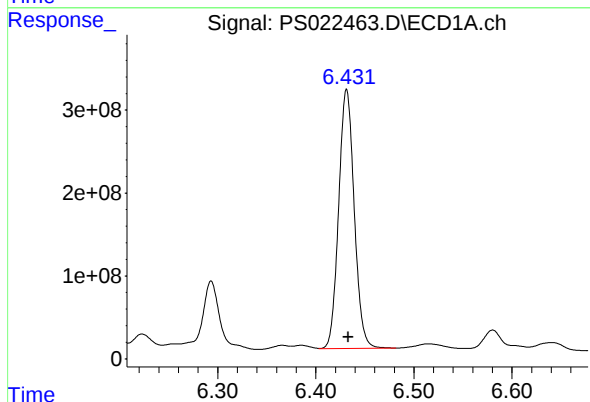
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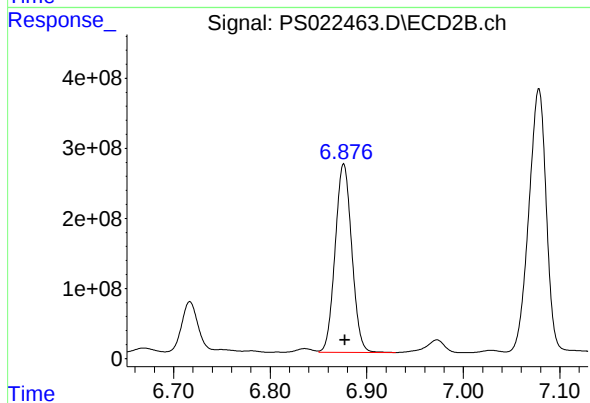
#4 2,4-DCAA

R.T.: 6.717 min
Delta R.T.: -0.002 min
Response: 854317941
Conc: 414.78 ng/ml



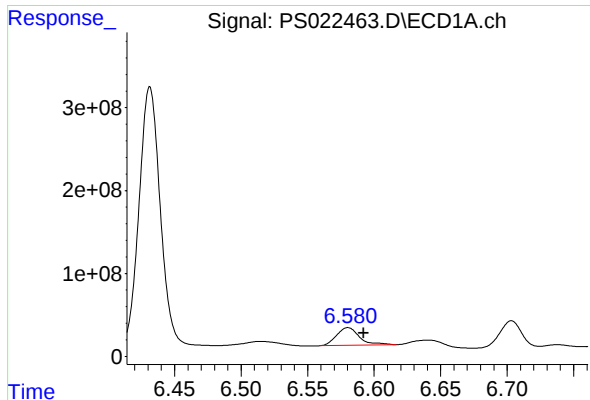
#5 DICAMBA

R.T.: 6.431 min
Delta R.T.: -0.001 min
Response: 3446595709
Conc: 335.26 ng/ml



#5 DICAMBA

R.T.: 6.876 min
Delta R.T.: -0.001 min
Response: 3211827697
Conc: 325.58 ng/ml



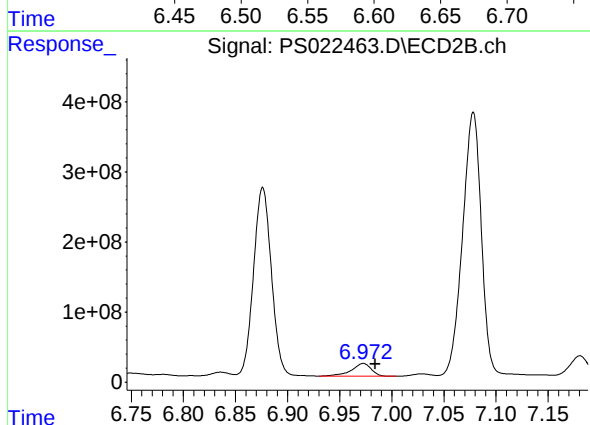
#6 MCPP

R.T.: 6.580 min
Delta R.T.: -0.012 min
Response: 256295013
Conc: 33.71 ug/ml

Instrument :
ECD_S
ClientSampleId :
IRV-3MSD

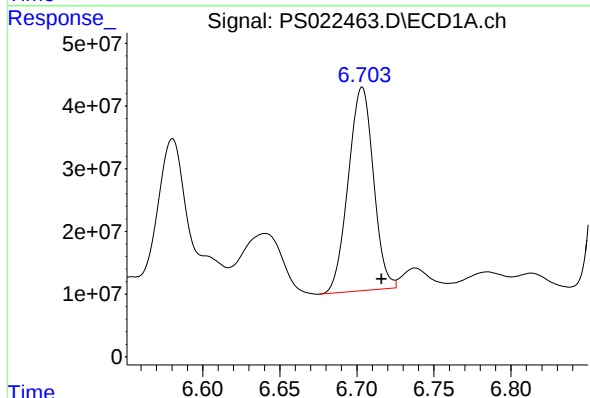
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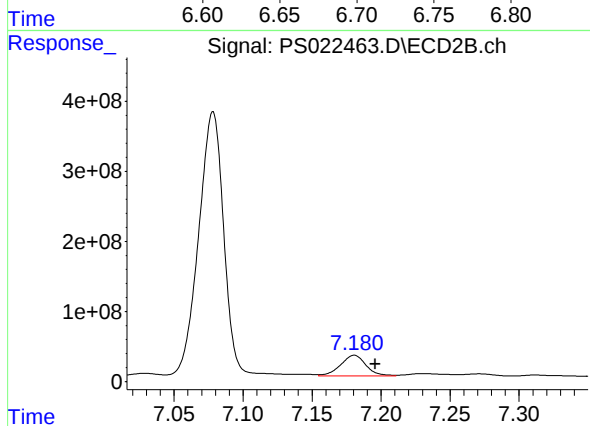
#6 MCPP

R.T.: 6.973 min
Delta R.T.: -0.011 min
Response: 240701868
Conc: 30.92 ug/ml



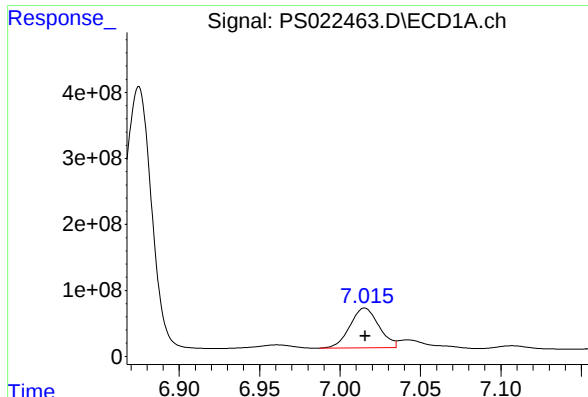
#7 MCPA

R.T.: 6.703 min
Delta R.T.: -0.013 min
Response: 366772876
Conc: 35.14 ug/ml



#7 MCPA

R.T.: 7.181 min
Delta R.T.: -0.015 min
Response: 381747514
Conc: 36.34 ug/ml



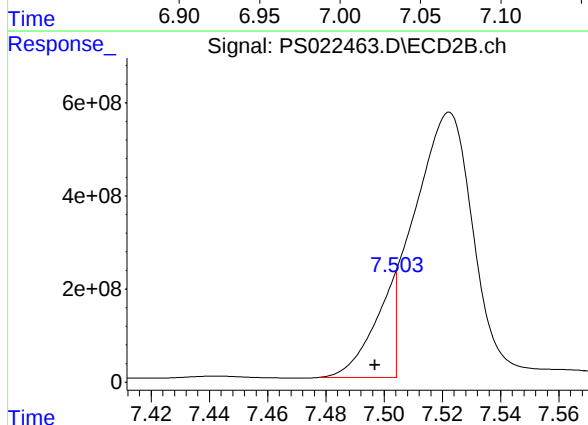
#8 DICHLORPROP

R.T.: 7.015 min
Delta R.T.: 0.000 min
Response: 752150419
Conc: 283.80 ng/ml

Instrument :
ECD_S
ClientSampleId :
IRV-3MSD

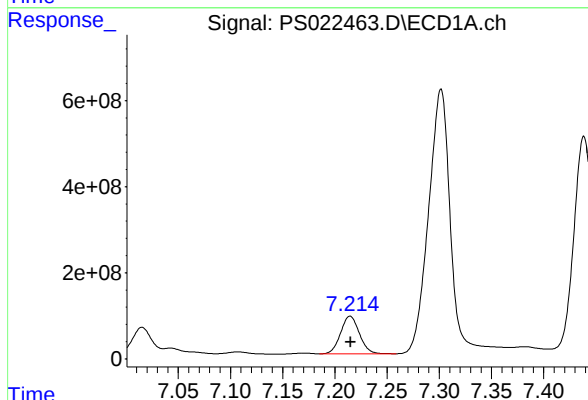
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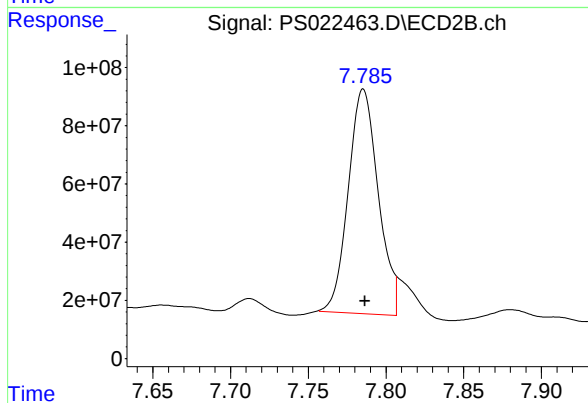
#8 DICHLORPROP

R.T.: 7.503 min
Delta R.T.: 0.006 min
Response: 1064604924
Conc: 427.55 ng/ml m



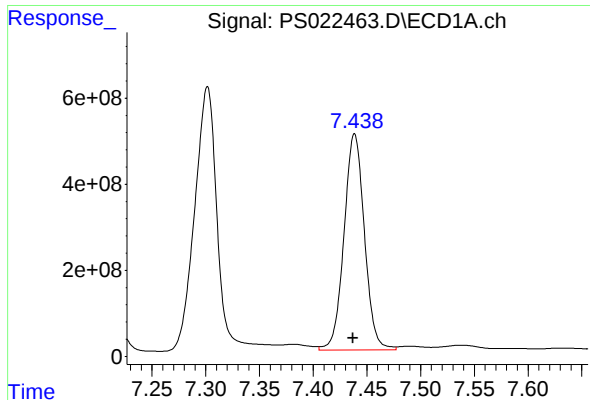
#9 2,4-D

R.T.: 7.215 min
Delta R.T.: 0.000 min
Response: 1100370436
Conc: 335.58 ng/ml



#9 2,4-D

R.T.: 7.785 min
Delta R.T.: -0.002 min
Response: 1032289882
Conc: 348.93 ng/ml m



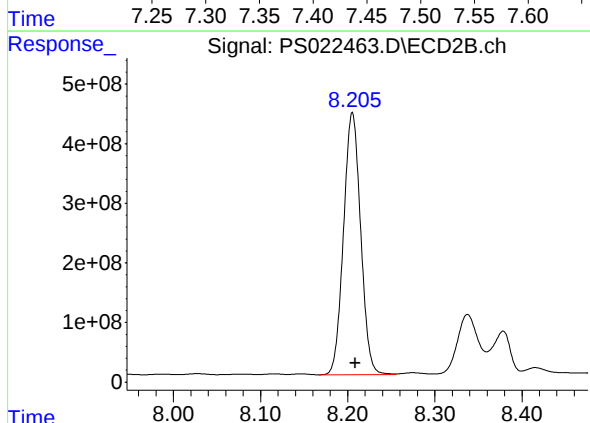
#10 Pentachlorophenol

R.T.: 7.439 min
Delta R.T.: 0.001 min
Response: 6652572078
Conc: 189.07 ng/ml

Instrument :
ECD_S
ClientSampleId :
IRV-3MSD

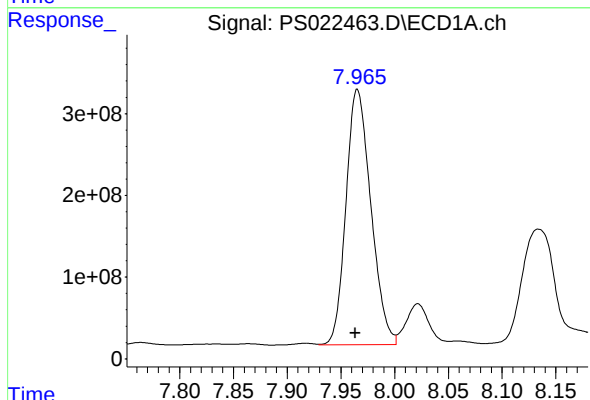
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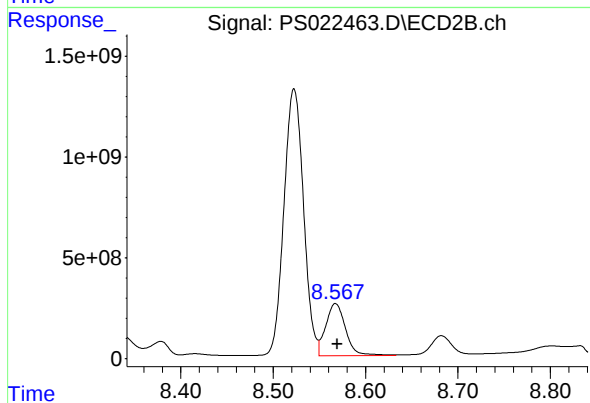
#10 Pentachlorophenol

R.T.: 8.205 min
Delta R.T.: -0.003 min
Response: 6001296801
Conc: 182.83 ng/ml



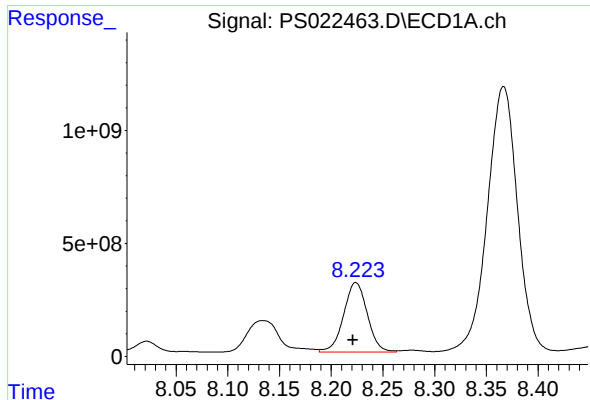
#11 2,4,5-TP (SILVEX)

R.T.: 7.965 min
Delta R.T.: 0.002 min
Response: 5037351457
Conc: 337.00 ng/ml



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

R.T.: 8.567 min
Delta R.T.: -0.002 min
Response: 3873051508
Conc: 284.33 ng/ml



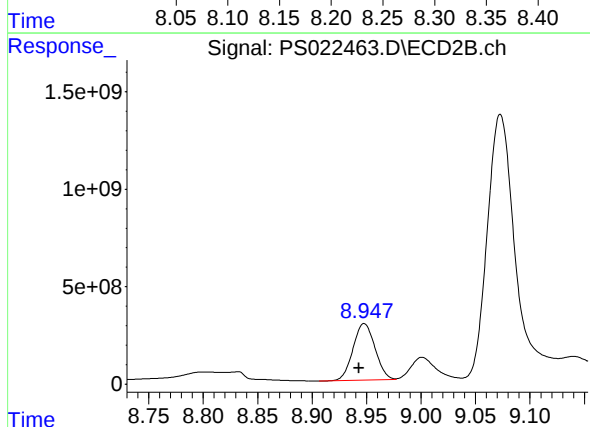
#12 2,4,5-T

R.T.: 8.224 min
Delta R.T.: 0.003 min
Response: 4907315331
Conc: 298.84 ng/ml

Instrument :
ECD_S
ClientSampleId :
IRV-3MSD

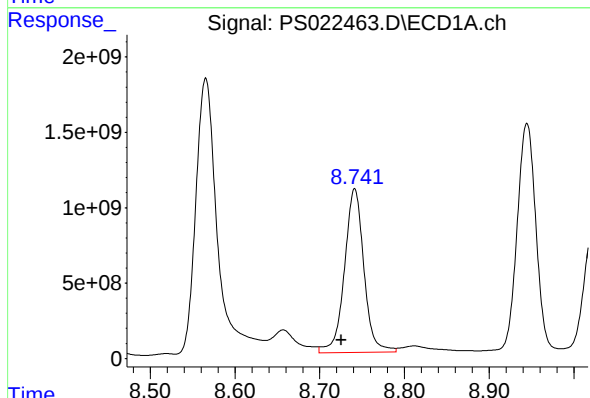
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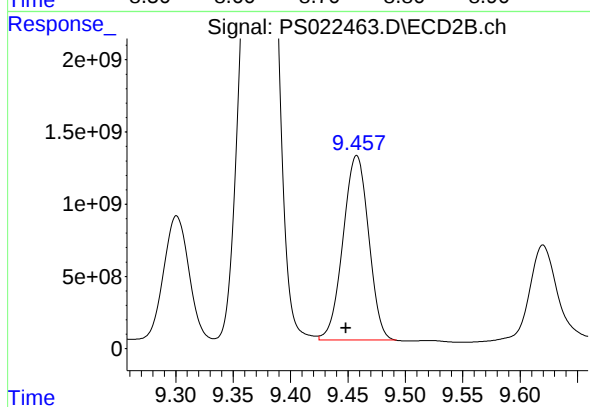
#12 2,4,5-T

R.T.: 8.948 min
Delta R.T.: 0.005 min
Response: 4061853988
Conc: 322.89 ng/ml



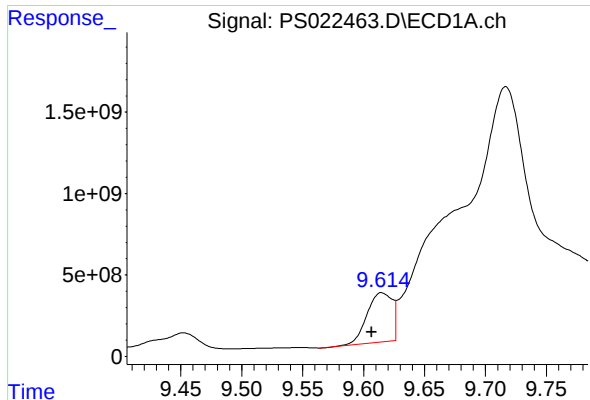
#13 2,4-DB

R.T.: 8.741 min
Delta R.T.: 0.016 min
Response: 17372840682
Conc: 5761.58 ng/ml



#13 2,4-DB

R.T.: 9.457 min
Delta R.T.: 0.009 min
Response: 19970149797
Conc: 11891.95 ng/ml m



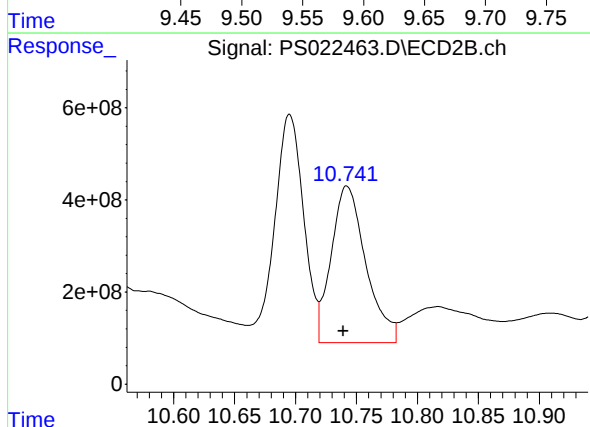
#15 Picloram

R.T.: 9.615 min
Delta R.T.: 0.009 min
Response: 4344834068
Conc: 175.04 ng/ml

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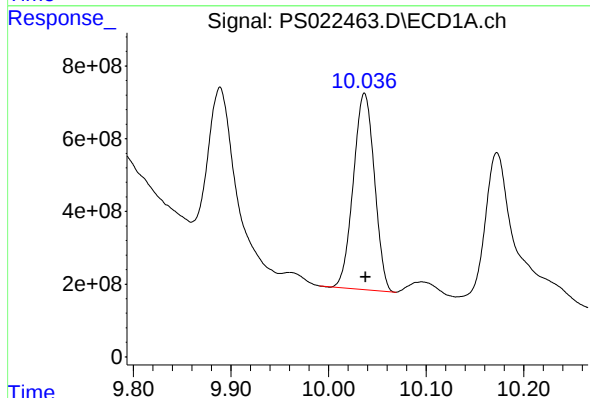
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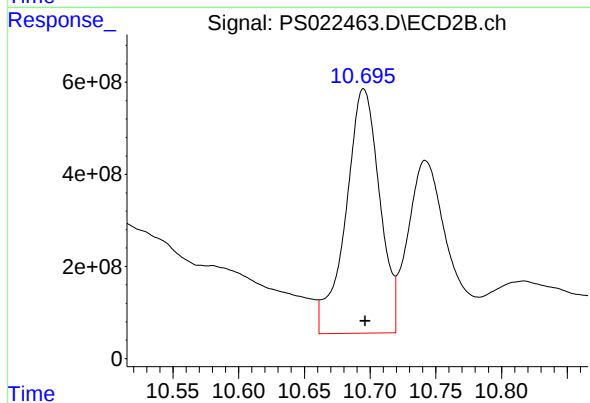
#15 Picloram

R.T.: 10.741 min
Delta R.T.: 0.002 min
Response: 6682427320
Conc: 333.01 ng/ml m



#16 DCPA

R.T.: 10.037 min
Delta R.T.: -0.001 min
Response: 8107438178
Conc: 393.06 ng/ml



#16 DCPA

R.T.: 10.695 min
Delta R.T.: -0.001 min
Response: 9509787397
Conc: 599.52 ng/ml