

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS032223\
 Data File : PS022462.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Mar 2023 18:48
 Operator : AR\AJ
 Sample : 02001-07MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 IRV-3MS

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 21:17:30 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	6.294	6.717	1072.5E6	856.4E6	438.749	415.796
Target Compounds							
2) T	3,5-DICHL...	5.677	5.919	1126.2E6	1025.9E6	302.465	321.699
3) T	4-Nitroph...	6.135	6.342	737.9E6	577.7E6	538.521	411.488
5) T	DICAMBA	6.432	6.876	3436.2E6	3221.0E6	334.254	326.512
6) T	MCPD	6.581	6.973	252.1E6	240.7E6	33.163	30.923
7) T	MCPA	6.704	7.181	366.3E6	379.7E6	35.098	36.137
8) T	DICHLORPROP	7.015	7.506	719.6E6	1459.0E6	271.527m	585.952m#
9) T	2,4-D	7.216	7.785	1099.1E6	985.7E6	335.207	333.166m
10) T	Pentachlo...	7.439	8.205	6648.1E6	6014.7E6	188.945	183.238
11) T	2,4,5-TP ...	7.966	8.568	5074.5E6	3884.1E6	339.487	285.141
12) T	2,4,5-T	8.224	8.948	4855.6E6	4054.9E6	295.691	322.334
13) T	2,4-DB	8.741	9.457	17625.9E6	19692.3E6	5845.504	11726.519m#
15) T	Picloram	9.615	10.742	4513.9E6	8023.0E6	181.854	399.811 #
16) T	DCPA	10.037	10.695	8055.3E6	7487.4E6	390.533	472.022m

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

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Operator : AR\AJ
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Misc :
ALS Vial : 9 Sample Multiplier: 1

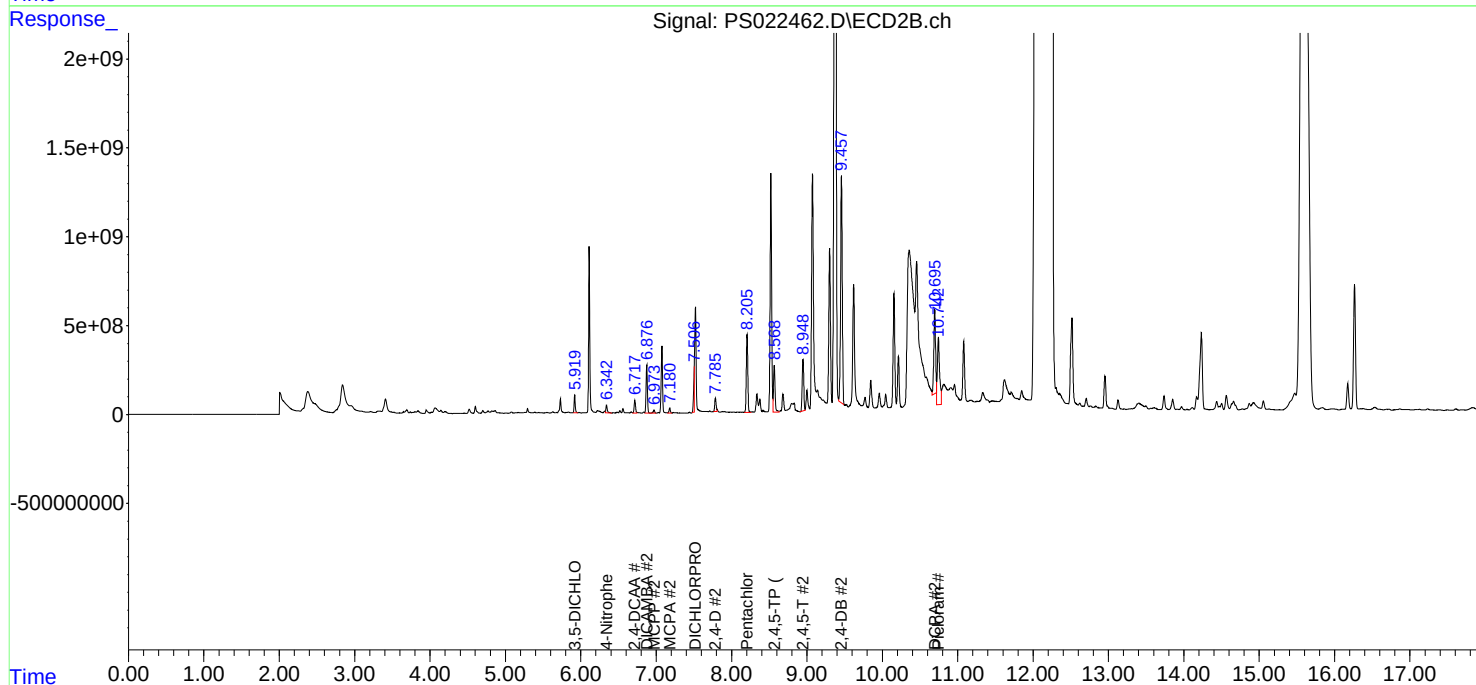
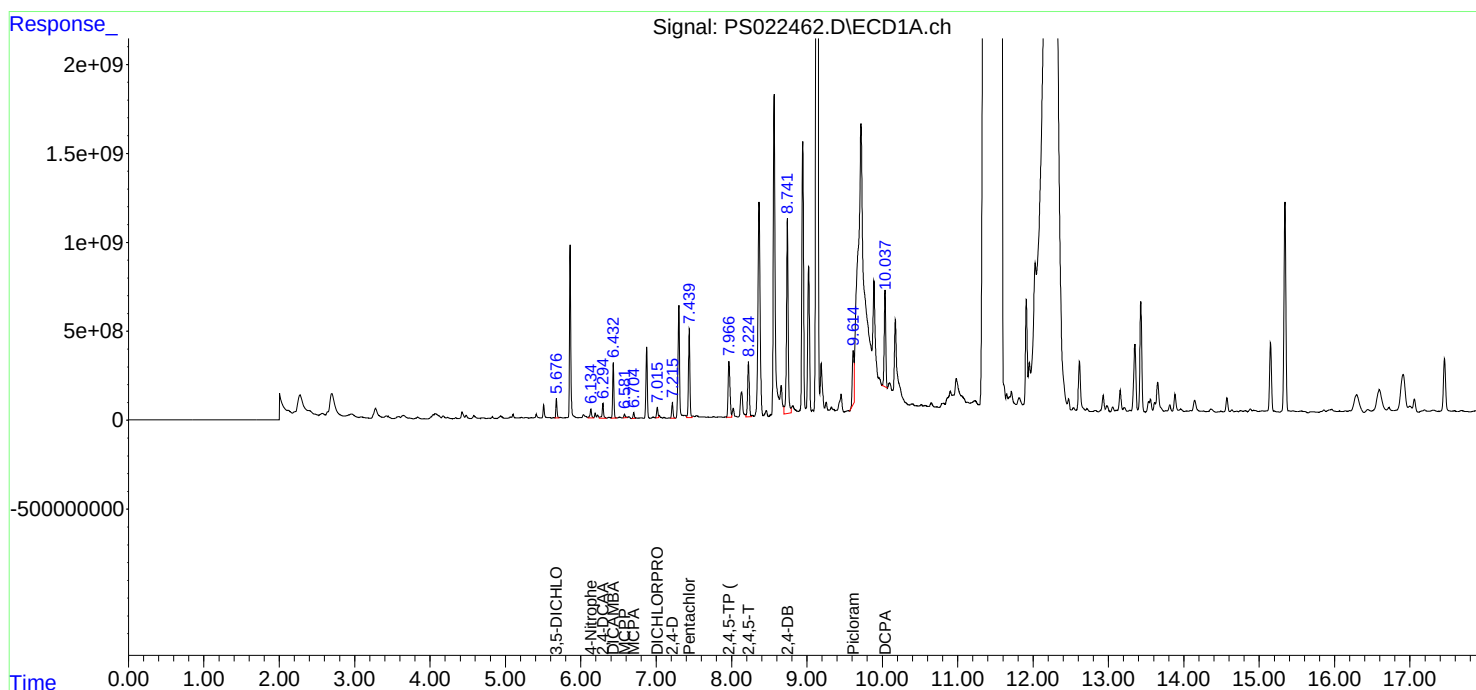
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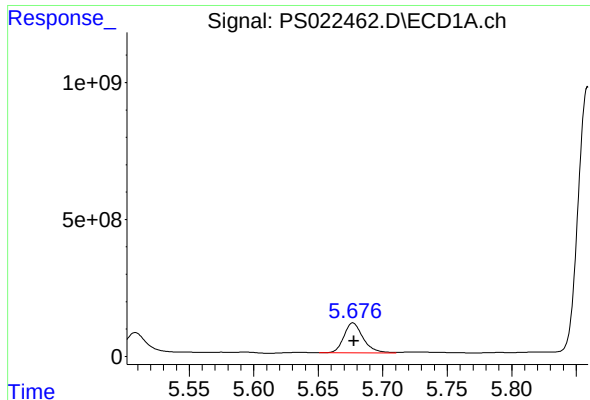
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Supervised By :Ankita Jodhani 03/23/2023

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#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.677 min
Delta R.T.: 0.000 min
Response: 1126176923
Conc: 302.47 ng/ml

Instrument :

ECD_S

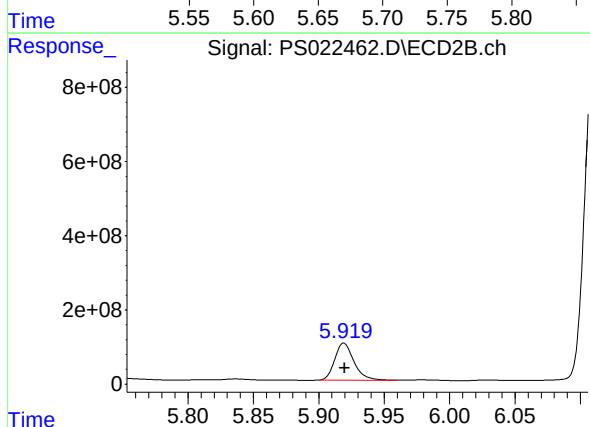
ClientSampleId :

IRV-3MS

Manual Integrations

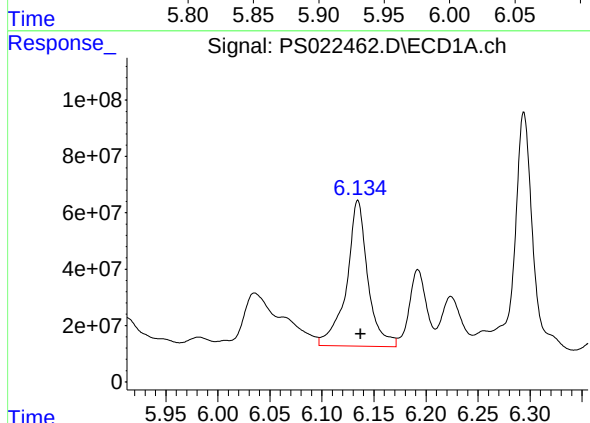
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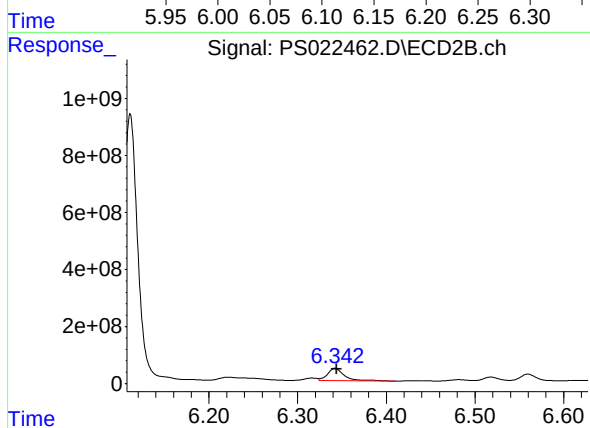
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.919 min
Delta R.T.: 0.000 min
Response: 1025881577
Conc: 321.70 ng/ml



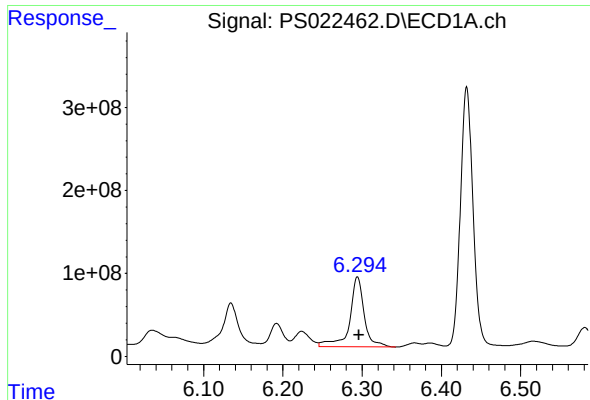
#3 4-Nitrophenol

R.T.: 6.135 min
Delta R.T.: -0.003 min
Response: 737867873
Conc: 538.52 ng/ml



#3 4-Nitrophenol

R.T.: 6.342 min
Delta R.T.: -0.002 min
Response: 577722932
Conc: 411.49 ng/ml



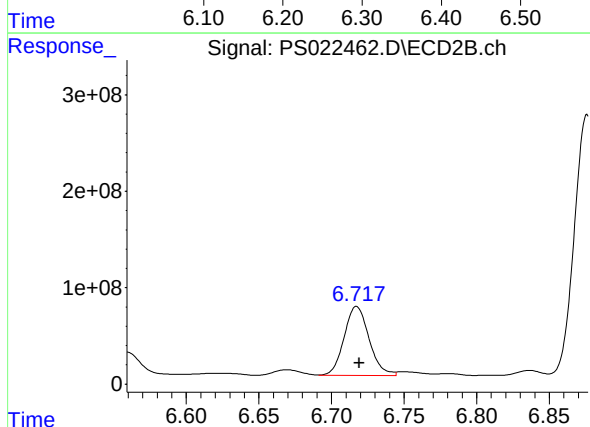
#4 2,4-DCAA

R.T.: 6.294 min
Delta R.T.: -0.002 min
Response: 1072469381
Conc: 438.75 ng/ml

Instrument :
ECD_S
ClientSampleId :
IRV-3MS

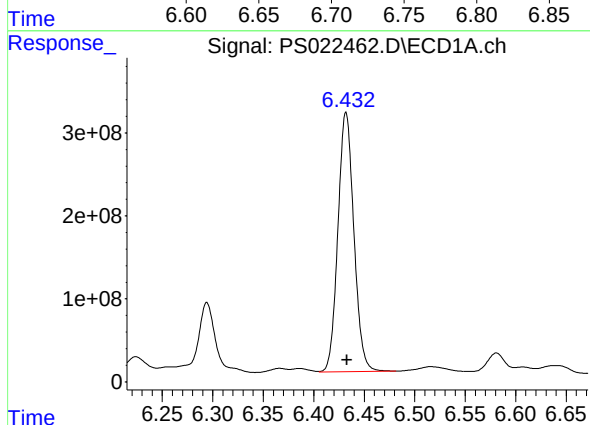
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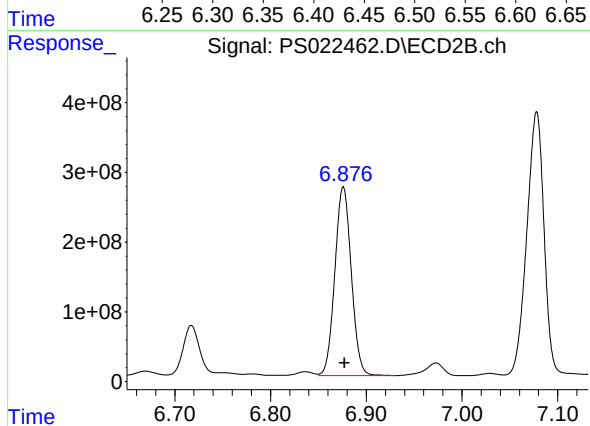
#4 2,4-DCAA

R.T.: 6.717 min
Delta R.T.: -0.002 min
Response: 856408647
Conc: 415.80 ng/ml



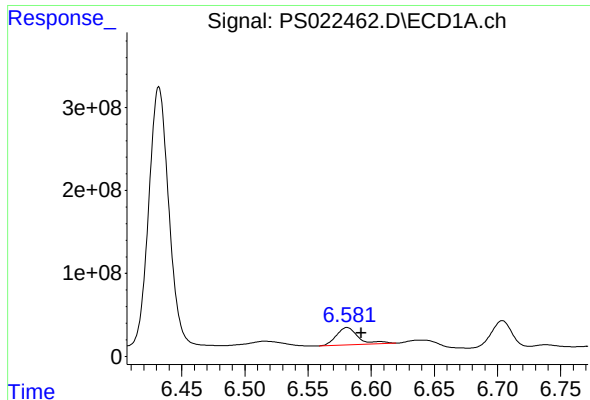
#5 DICAMBA

R.T.: 6.432 min
Delta R.T.: 0.000 min
Response: 3436214160
Conc: 334.25 ng/ml



#5 DICAMBA

R.T.: 6.876 min
Delta R.T.: -0.002 min
Response: 3221036284
Conc: 326.51 ng/ml



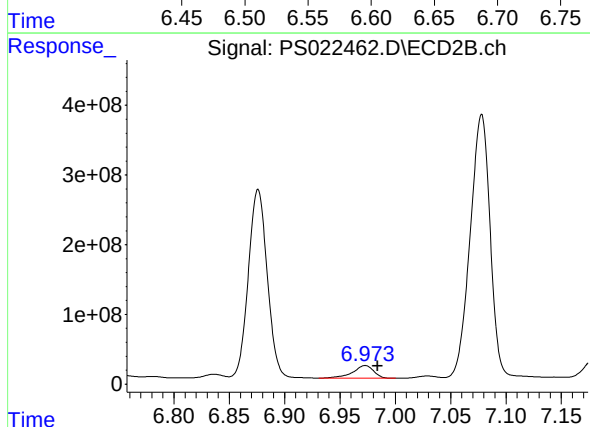
#6 MCPP

R.T.: 6.581 min
Delta R.T.: -0.011 min
Response: 252113414
Conc: 33.16 ug/ml

Instrument :
ECD_S
ClientSampleId :
IRV-3MS

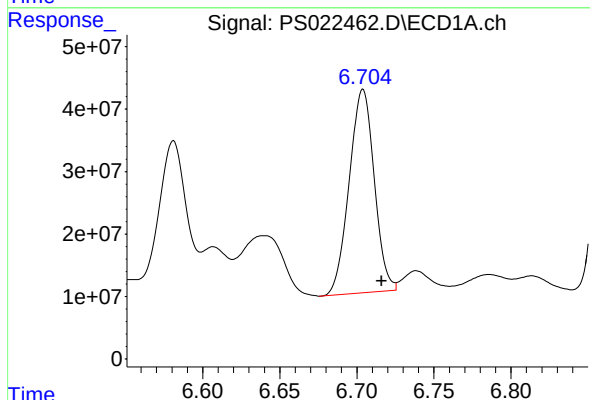
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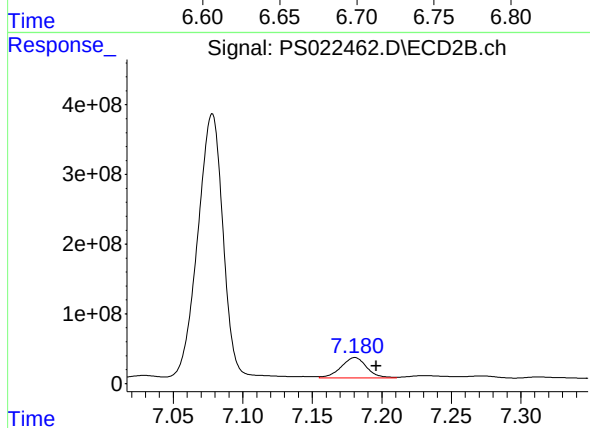
#6 MCPP

R.T.: 6.973 min
Delta R.T.: -0.011 min
Response: 240715200
Conc: 30.92 ug/ml



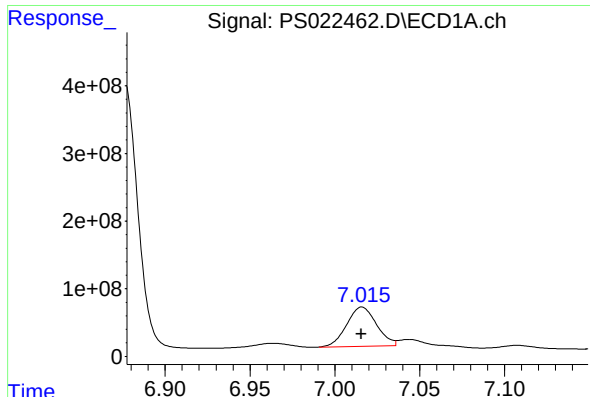
#7 MCPA

R.T.: 6.704 min
Delta R.T.: -0.012 min
Response: 366323660
Conc: 35.10 ug/ml



#7 MCPA

R.T.: 7.181 min
Delta R.T.: -0.015 min
Response: 379663247
Conc: 36.14 ug/ml



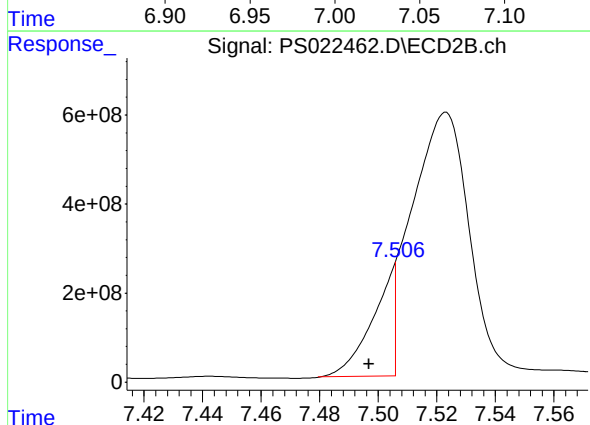
#8 DICHLORPROP

R.T.: 7.015 min
Delta R.T.: 0.000 min
Response: 719624747
Conc: 271.53 ng/ml

Instrument :
ECD_S
ClientSampleId :
IRV-3MS

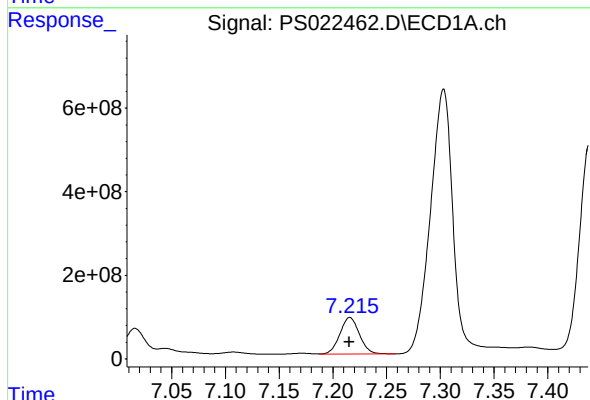
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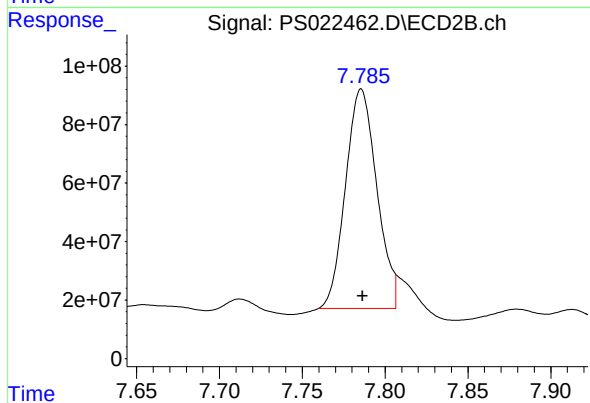
#8 DICHLORPROP

R.T.: 7.506 min
Delta R.T.: 0.009 min
Response: 1459035235
Conc: 585.95 ng/ml m



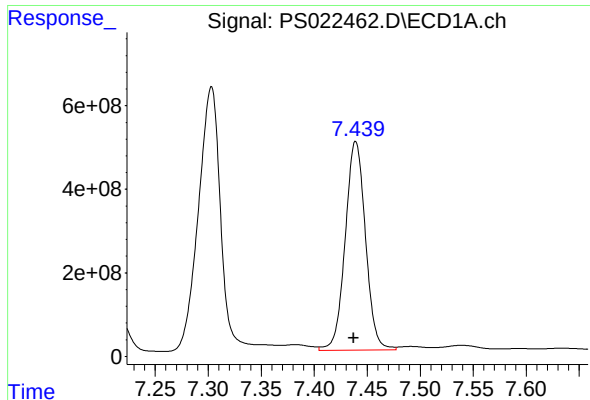
#9 2,4-D

R.T.: 7.216 min
Delta R.T.: 0.000 min
Response: 1099146610
Conc: 335.21 ng/ml



#9 2,4-D

R.T.: 7.785 min
Delta R.T.: -0.001 min
Response: 985664307
Conc: 333.17 ng/ml m



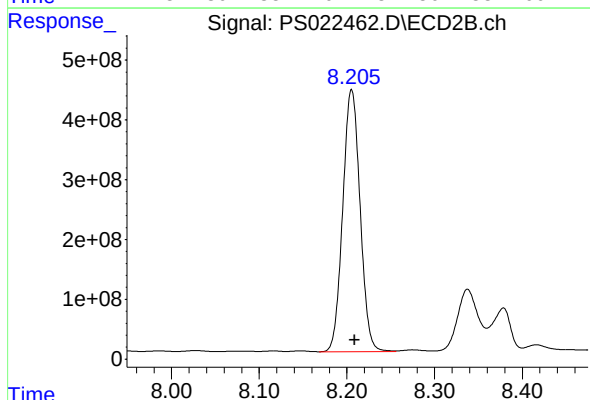
#10 Pentachlorophenol

R.T.: 7.439 min
Delta R.T.: 0.002 min
Response: 6648067296
Conc: 188.95 ng/ml

Instrument :
ECD_S
ClientSampleId :
IRV-3MS

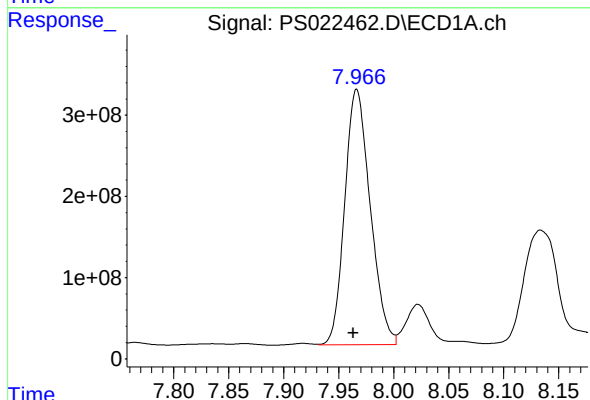
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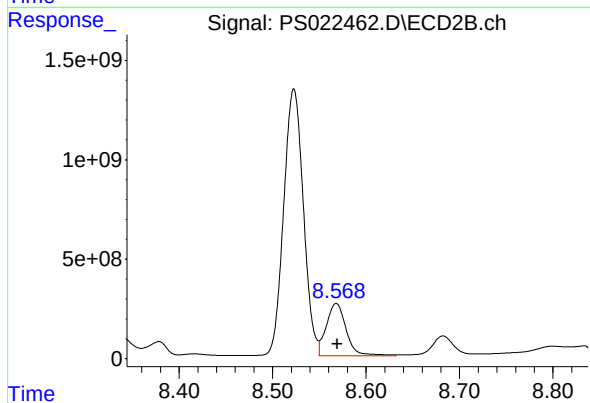
#10 Pentachlorophenol

R.T.: 8.205 min
Delta R.T.: -0.003 min
Response: 6014673712
Conc: 183.24 ng/ml



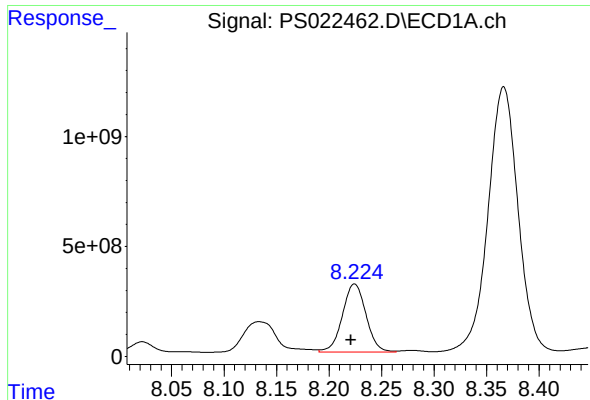
#11 2,4,5-TP (SILVEX)

R.T.: 7.966 min
Delta R.T.: 0.003 min
Response: 5074479694
Conc: 339.49 ng/ml



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

R.T.: 8.568 min
Delta R.T.: -0.001 min
Response: 3884149901
Conc: 285.14 ng/ml



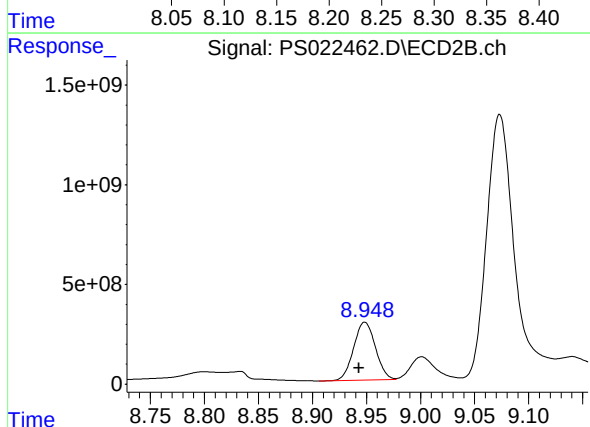
#12 2,4,5-T

R.T.: 8.224 min
Delta R.T.: 0.003 min
Response: 4855591227
Conc: 295.69 ng/ml

Instrument :
ECD_S
ClientSampleId :
IRV-3MS

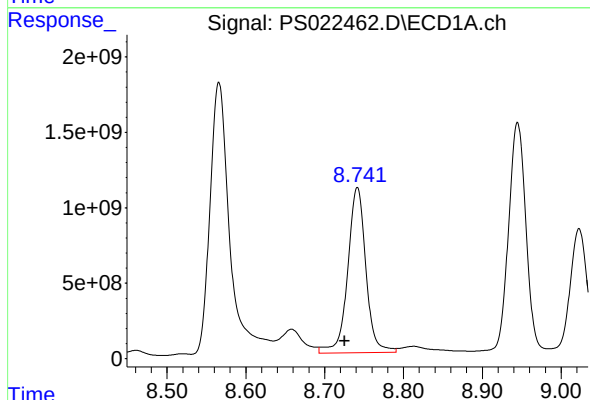
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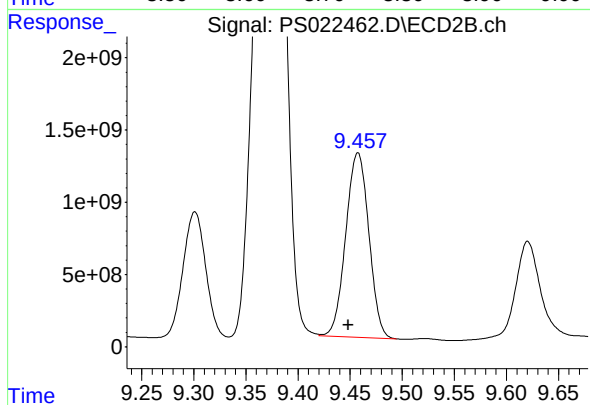
#12 2,4,5-T

R.T.: 8.948 min
Delta R.T.: 0.005 min
Response: 4054898742
Conc: 322.33 ng/ml



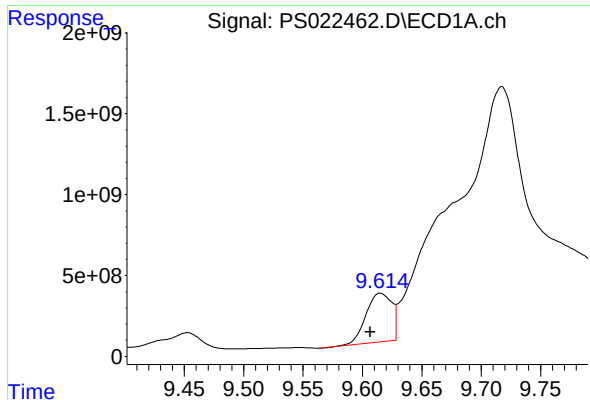
#13 2,4-DB

R.T.: 8.741 min
Delta R.T.: 0.016 min
Response: 17625903249
Conc: 5845.50 ng/ml



#13 2,4-DB

R.T.: 9.457 min
Delta R.T.: 0.009 min
Response: 19692335054
Conc: 11726.52 ng/ml m



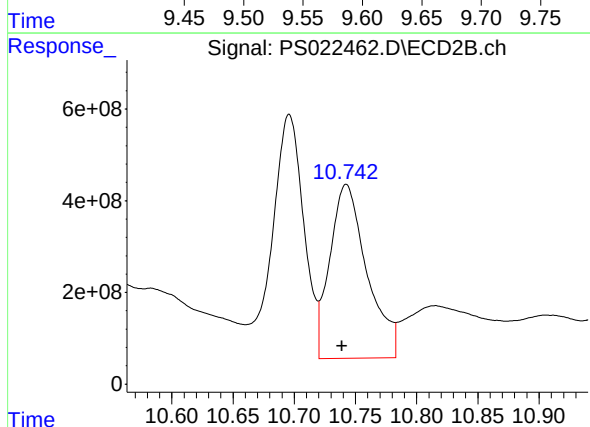
#15 Picloram

R.T.: 9.615 min
Delta R.T.: 0.009 min
Response: 4513868197
Conc: 181.85 ng/ml

Instrument :
ECD_S
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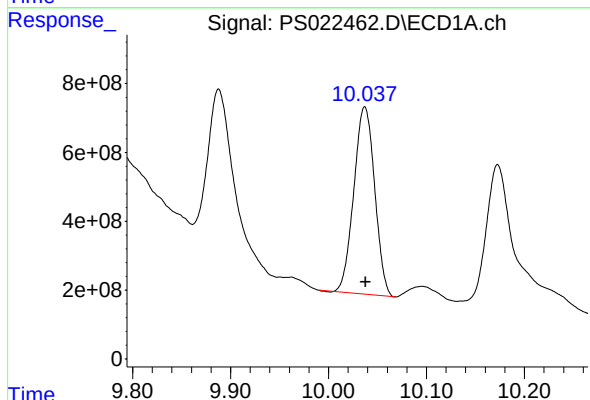
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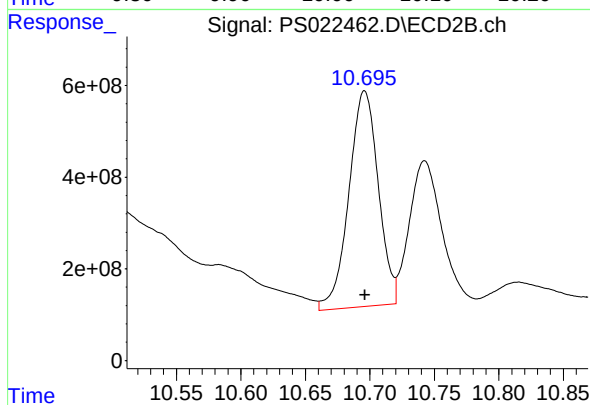
#15 Picloram

R.T.: 10.742 min
Delta R.T.: 0.003 min
Response: 8023024046
Conc: 399.81 ng/ml



#16 DCPA

R.T.: 10.037 min
Delta R.T.: 0.000 min
Response: 8055261395
Conc: 390.53 ng/ml



#16 DCPA

R.T.: 10.695 min
Delta R.T.: 0.000 min
Response: 7487351160
Conc: 472.02 ng/ml m