

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS041923\
 Data File : PS022756.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Apr 2023 17:58
 Operator : AR\AJ
 Sample : 02385-01MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 BU-3-041723MSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/20/2023
 Supervised By : Ankita Jodhani 04/20/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 19 22:20:18 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS041223.M
 Quant Title : 8080.M
 QLast Update : Wed Apr 12 14:05:56 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 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	6.483	6.862	526.3E6	168.6E6	211.389	165.468
Target Compounds							
1) T	Dalapon	2.540	2.569	649.1E6	827.0E6	219.795	522.436 #
2) T	3,5-DICHL...	5.836	6.026	470.8E6	193.2E6	139.315	123.873
3) T	4-Nitroph...	6.315	6.466	529.0E6	157.8E6	285.098	248.303m
5) T	DICAMBA	6.632	7.029	2066.4E6	761.4E6	188.169m	165.365
6) T	MCP	6.789	7.121	67186437	31433094	7.984m	9.026
7) T	MCPA	6.918	7.332	161.2E6	89880431	13.581	18.589 #
8) T	DICHLORPROP	7.244	7.652	349.4E6	131.9E6	114.866	118.478
9) T	2,4-D	7.446	7.941	681.1E6	244.0E6	183.945	190.505
10) T	Pentachlo...	7.681	8.373	3093.2E6	1038.4E6	77.335	64.733
11) T	2,4,5-TP ...	8.218	8.733	1522.0E6	465.9E6	83.041	74.709
12) T	2,4,5-T	8.478	9.108	2210.6E6	648.0E6	118.203	109.538
13) T	2,4-DB	8.996	9.617	402.2E6	66876488	94.116	89.257
14) T	DINOSEB	10.068	9.947	169.7E6	68732656	11.971	15.567 #
15) T	Picloram	9.887	10.917	6994.7E6	1834.5E6	234.830	225.539
16) T	DCPA	10.336	10.878	7462.4E6	2075.0E6	333.805	298.814

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

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ALS Vial : 8 Sample Multiplier: 1

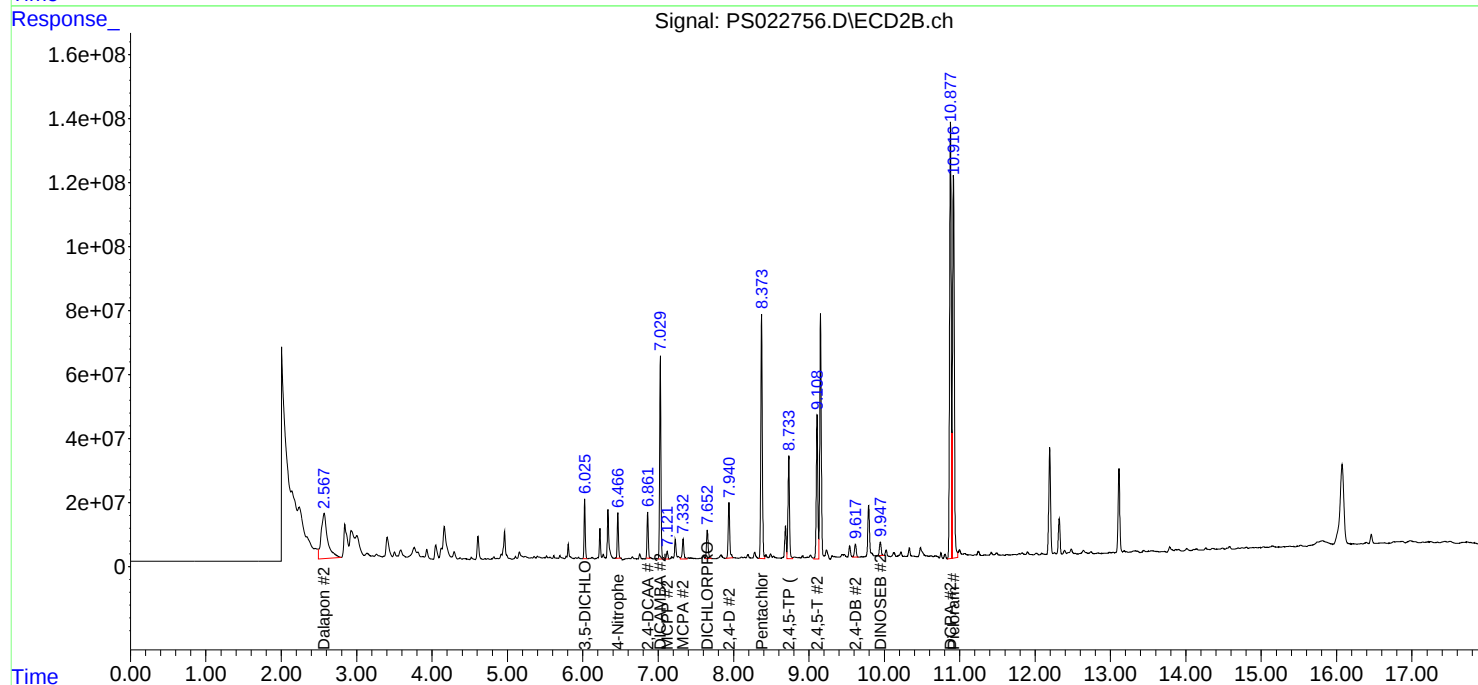
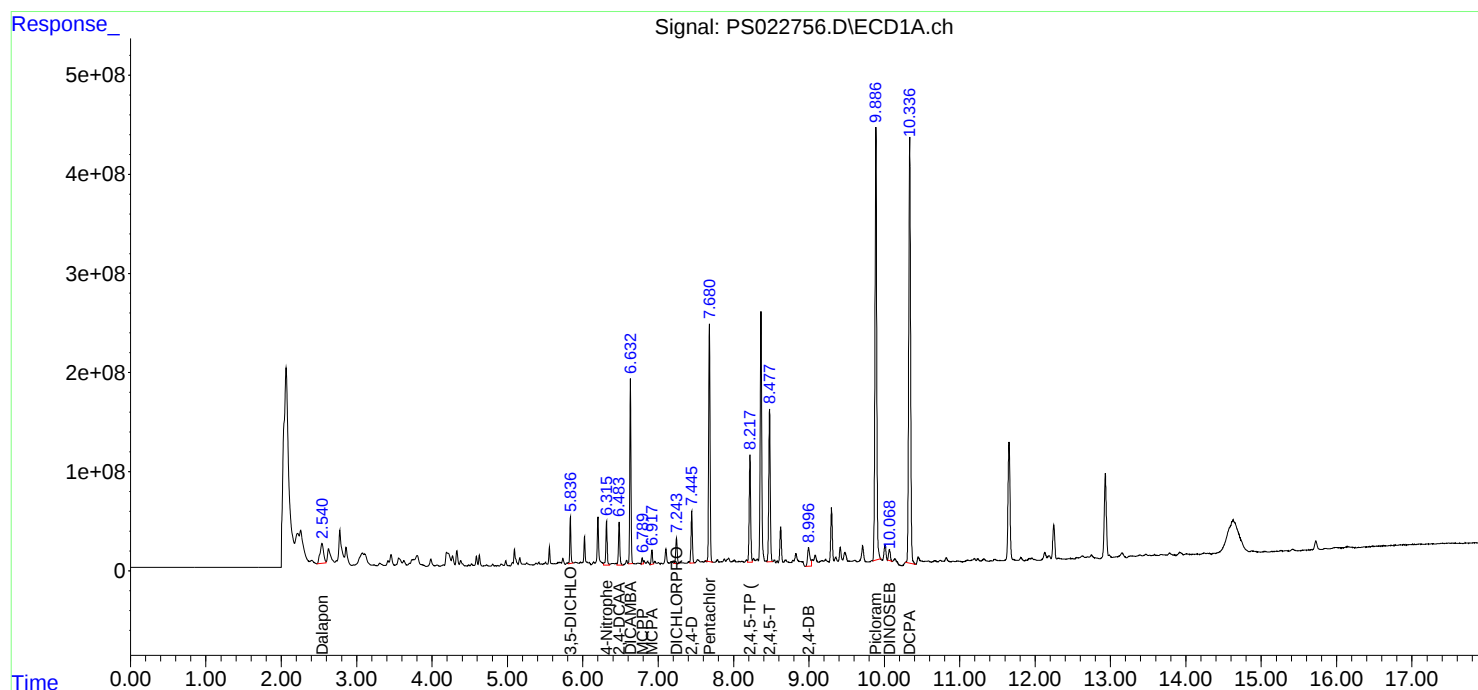
Instrument :
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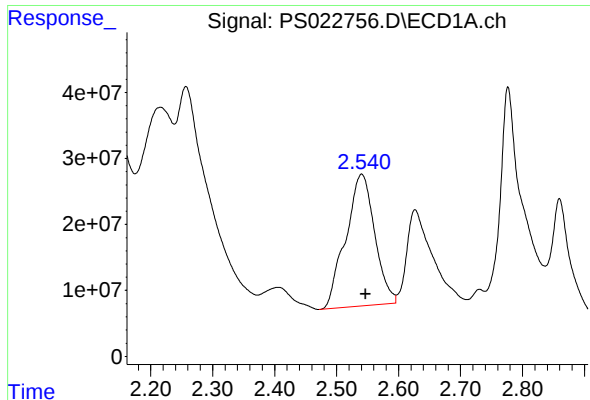
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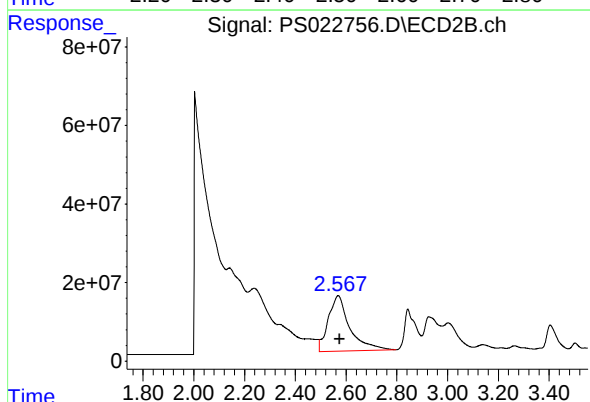
#1 Dalapon

R.T.: 2.540 min
Delta R.T.: -0.007 min
Response: 649132933
Conc: 219.80 ng/ml

Instrument :
ECD_S
ClientSampleId :
BU-3-041723MSD

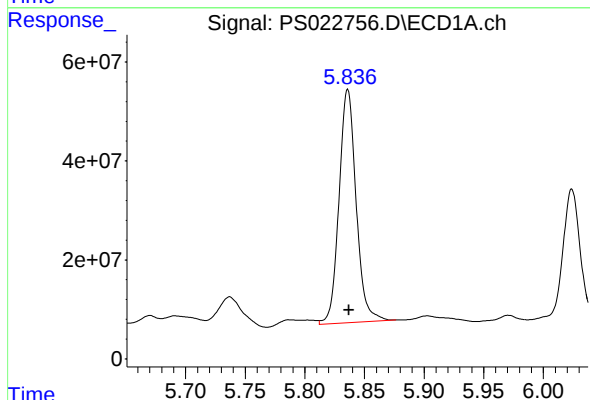
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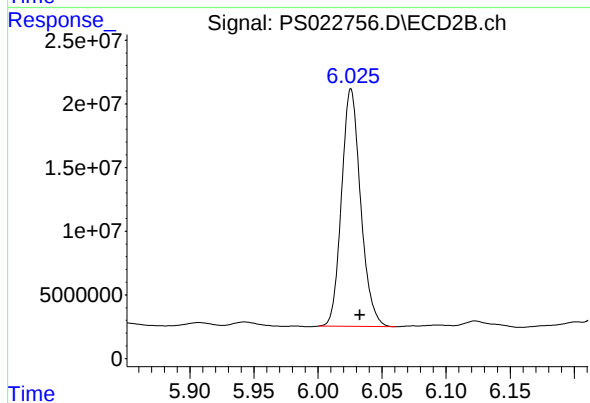
#1 Dalapon

R.T.: 2.569 min
Delta R.T.: -0.006 min
Response: 827037901
Conc: 522.44 ng/ml



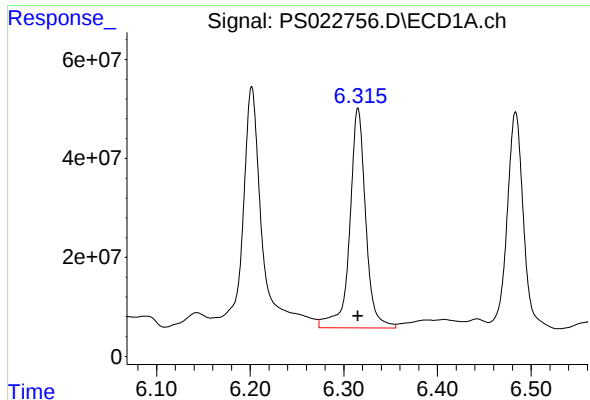
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.836 min
Delta R.T.: 0.000 min
Response: 470754572
Conc: 139.32 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.026 min
Delta R.T.: -0.007 min
Response: 193164904
Conc: 123.87 ng/ml



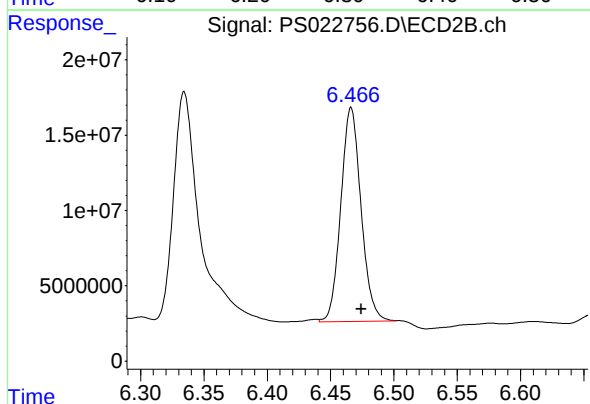
#3 4-Nitrophenol

R.T.: 6.315 min
Delta R.T.: 0.000 min
Response: 529018852
Conc: 285.10 ng/ml

Instrument :
ECD_S
ClientSampleId :
BU-3-041723MSD

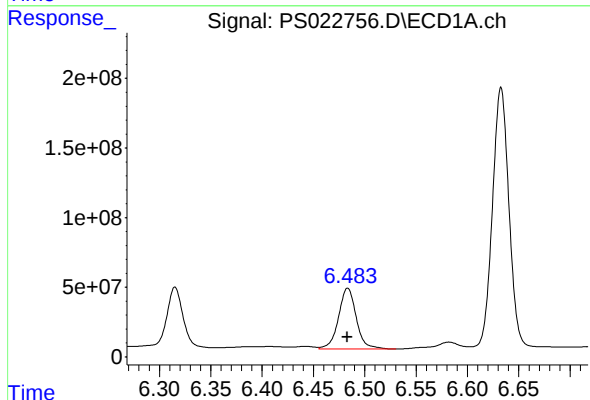
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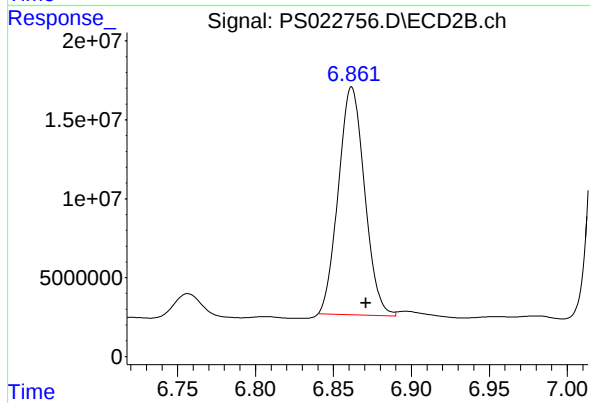
#3 4-Nitrophenol

R.T.: 6.466 min
Delta R.T.: -0.008 min
Response: 157849605
Conc: 248.30 ng/ml m



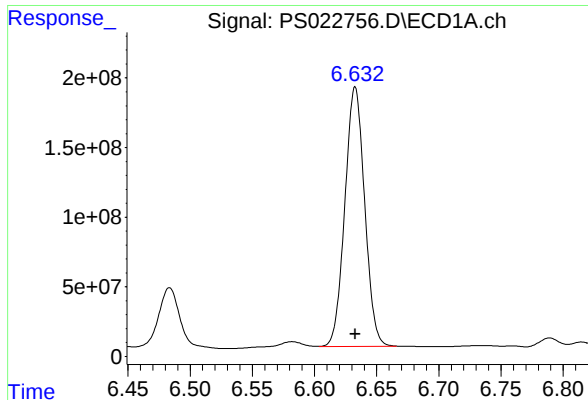
#4 2,4-DCAA

R.T.: 6.483 min
Delta R.T.: 0.000 min
Response: 526295745
Conc: 211.39 ng/ml



#4 2,4-DCAA

R.T.: 6.862 min
Delta R.T.: -0.009 min
Response: 168603351
Conc: 165.47 ng/ml



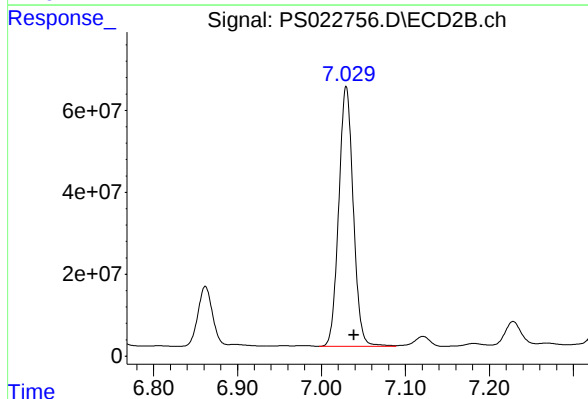
#5 DICAMBA

R.T.: 6.632 min
Delta R.T.: 0.000 min
Response: 2066445919
Conc: 188.17 ng/ml

Instrument :
ECD_S
ClientSampleId :
BU-3-041723MSD

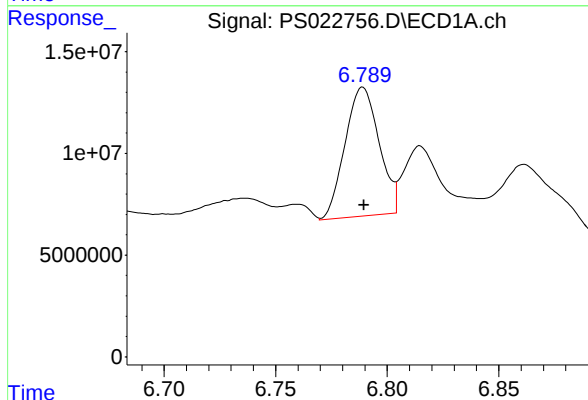
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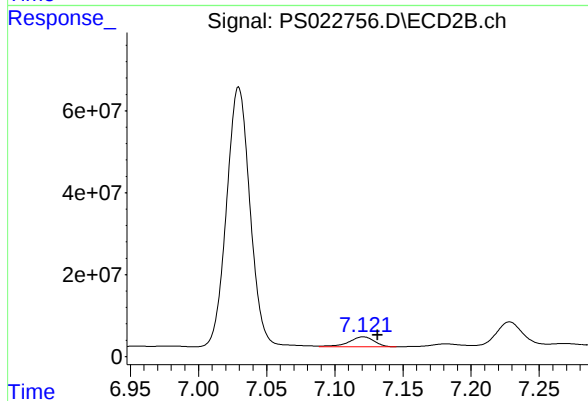
#5 DICAMBA

R.T.: 7.029 min
Delta R.T.: -0.009 min
Response: 761370201
Conc: 165.37 ng/ml



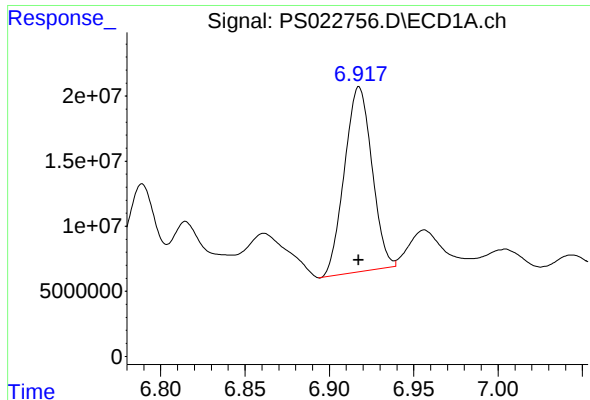
#6 MCPP

R.T.: 6.789 min
Delta R.T.: 0.000 min
Response: 67186437
Conc: 7.98 ug/ml m



#6 MCPP

R.T.: 7.121 min
Delta R.T.: -0.011 min
Response: 31433094
Conc: 9.03 ug/ml



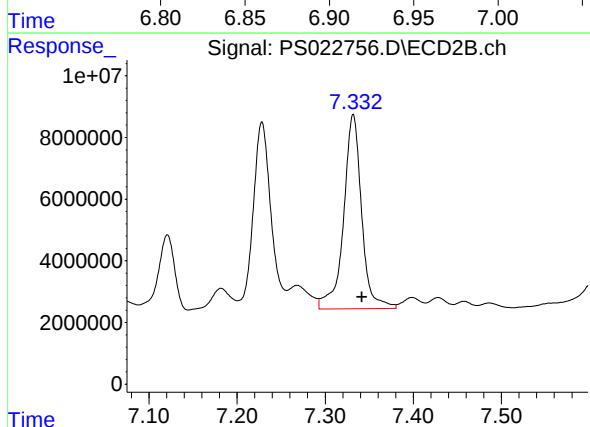
#7 MCPA

R.T.: 6.918 min
Delta R.T.: 0.000 min
Response: 161221860
Conc: 13.58 ug/ml

Instrument :
ECD_S
ClientSampleId :
BU-3-041723MSD

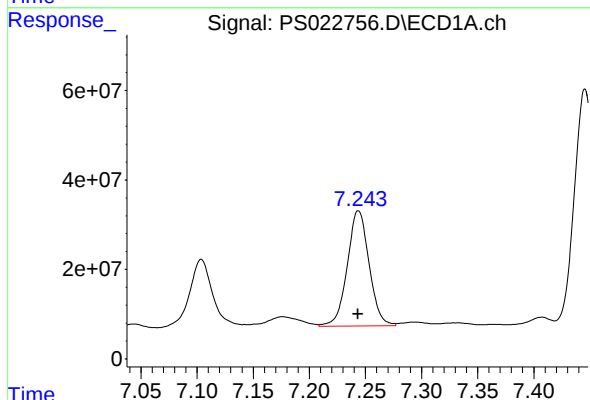
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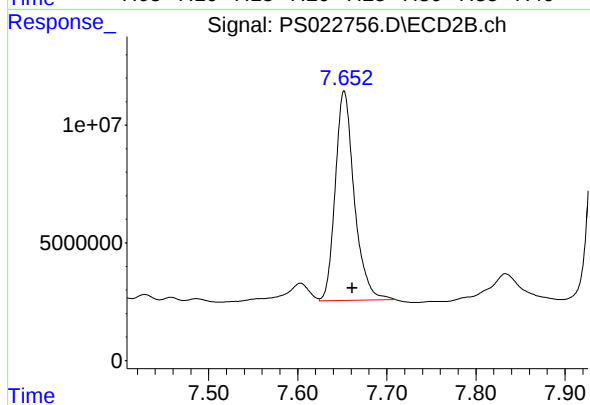
#7 MCPA

R.T.: 7.332 min
Delta R.T.: -0.010 min
Response: 89880431
Conc: 18.59 ug/ml



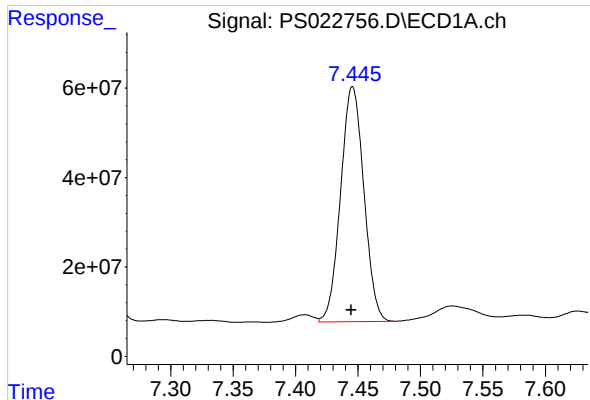
#8 DICHLORPROP

R.T.: 7.244 min
Delta R.T.: 0.000 min
Response: 349382065
Conc: 114.87 ng/ml



#8 DICHLORPROP

R.T.: 7.652 min
Delta R.T.: -0.009 min
Response: 131936134
Conc: 118.48 ng/ml



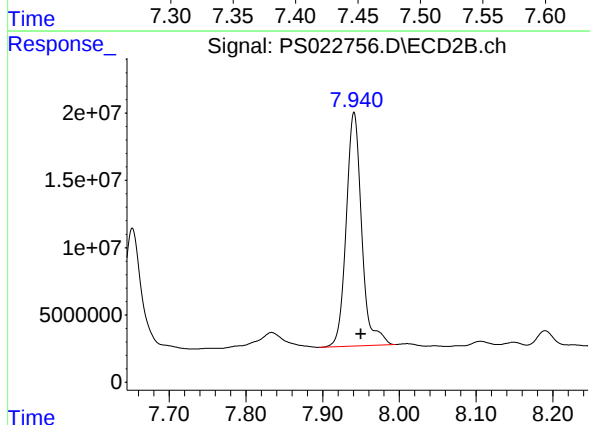
#9 2,4-D

R.T.: 7.446 min
Delta R.T.: 0.001 min
Response: 681145773
Conc: 183.95 ng/ml

Instrument :
ECD_S
ClientSampleId :
BU-3-041723MSD

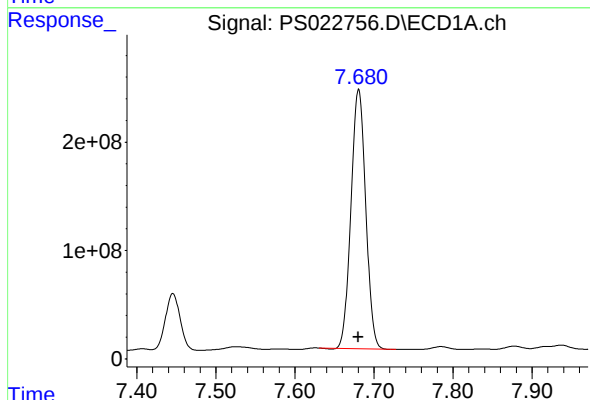
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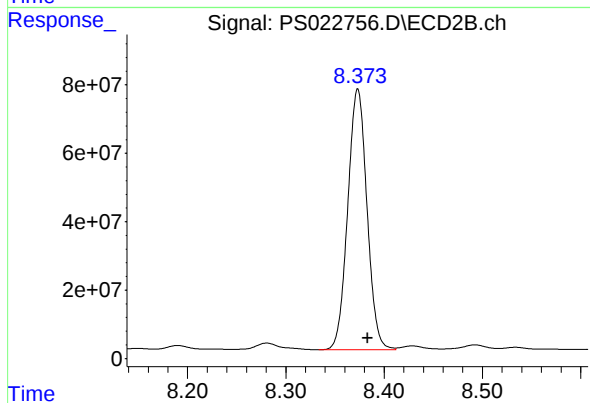
#9 2,4-D

R.T.: 7.941 min
Delta R.T.: -0.009 min
Response: 243995619
Conc: 190.50 ng/ml



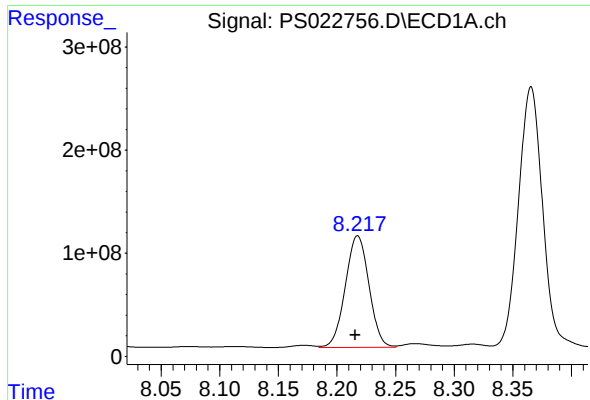
#10 Pentachlorophenol

R.T.: 7.681 min
Delta R.T.: 0.000 min
Response: 3093172226
Conc: 77.33 ng/ml



#10 Pentachlorophenol

R.T.: 8.373 min
Delta R.T.: -0.010 min
Response: 1038378223
Conc: 64.73 ng/ml



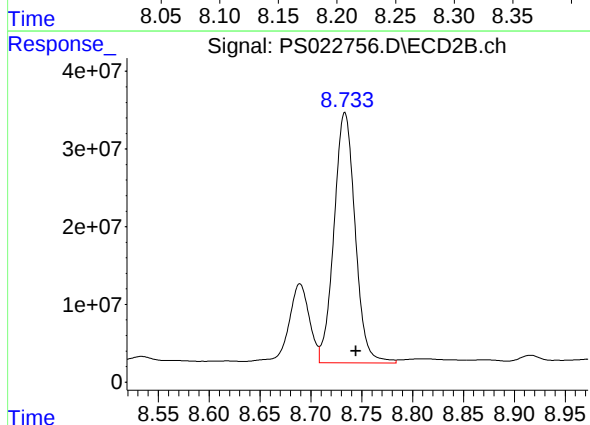
#11 2,4,5-TP (SILVEX)

R.T.: 8.218 min
Delta R.T.: 0.002 min
Response: 1522037307
Conc: 83.04 ng/ml

Instrument :
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ClientSampleId :
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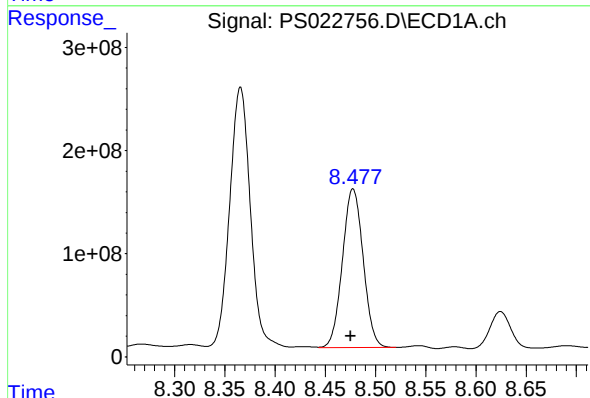
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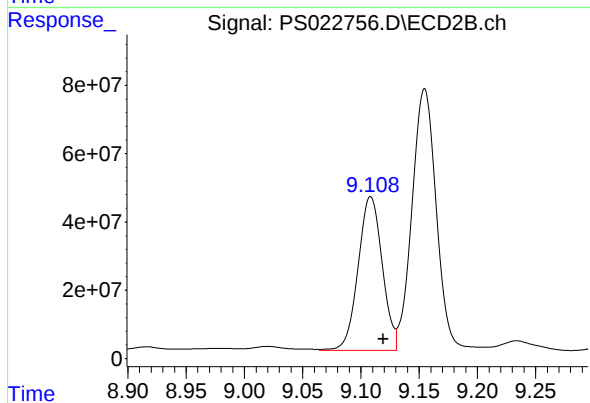
#11 2,4,5-TP (SILVEX)

R.T.: 8.733 min
Delta R.T.: -0.011 min
Response: 465858826
Conc: 74.71 ng/ml



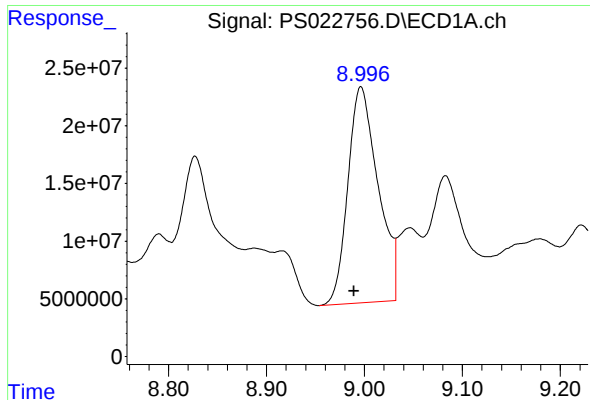
#12 2,4,5-T

R.T.: 8.478 min
Delta R.T.: 0.002 min
Response: 2210556442
Conc: 118.20 ng/ml



#12 2,4,5-T

R.T.: 9.108 min
Delta R.T.: -0.011 min
Response: 648047844
Conc: 109.54 ng/ml



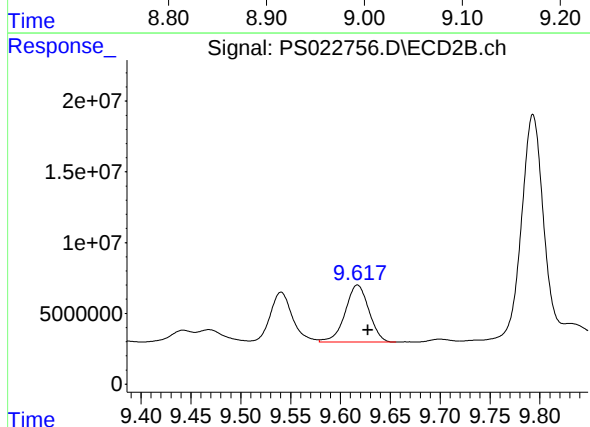
#13 2,4-DB

R.T.: 8.996 min
Delta R.T.: 0.007 min
Response: 402168958
Conc: 94.12 ng/ml

Instrument :
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ClientSampleId :
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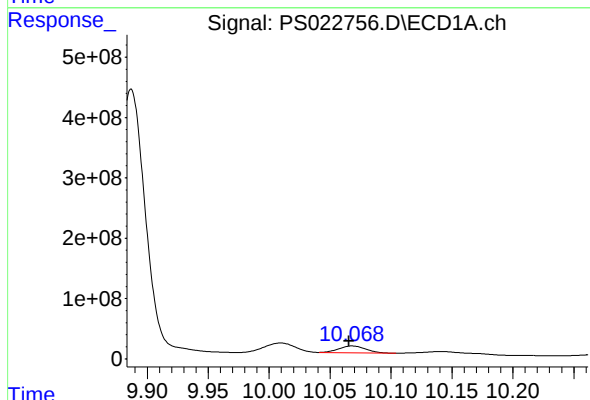
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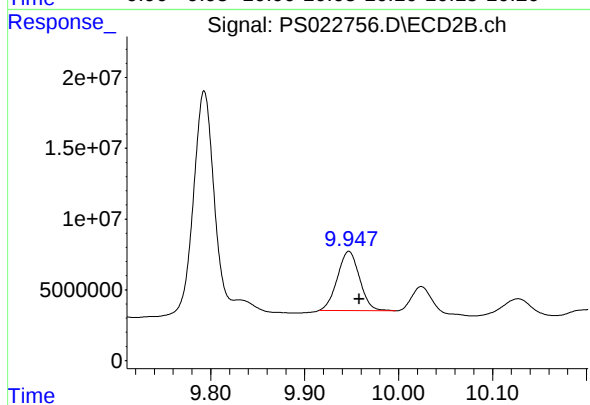
#13 2,4-DB

R.T.: 9.617 min
Delta R.T.: -0.011 min
Response: 66876488
Conc: 89.26 ng/ml



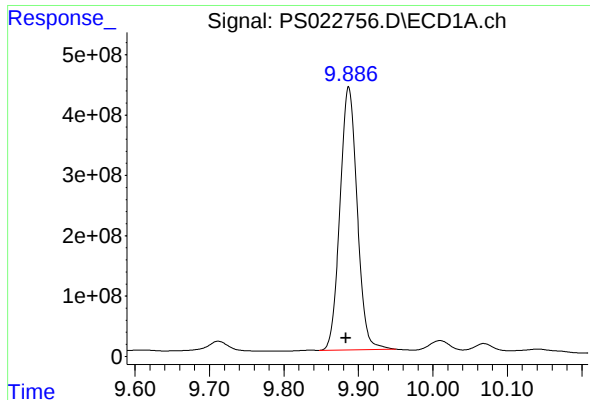
#14 DINOSEB

R.T.: 10.068 min
Delta R.T.: 0.003 min
Response: 169703558
Conc: 11.97 ng/ml



#14 DINOSEB

R.T.: 9.947 min
Delta R.T.: -0.011 min
Response: 68732656
Conc: 15.57 ng/ml



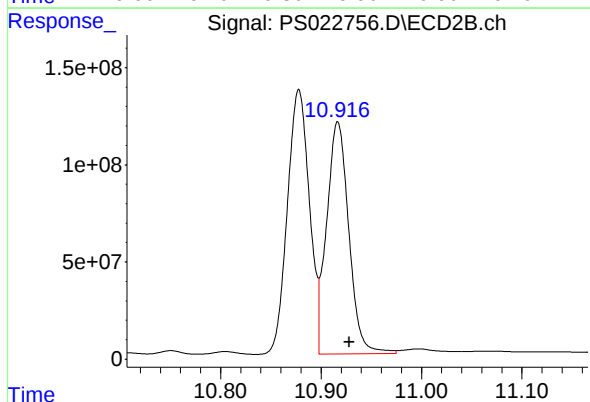
#15 Picloram

R.T.: 9.887 min
Delta R.T.: 0.004 min
Response: 6994652178
Conc: 234.83 ng/ml

Instrument :
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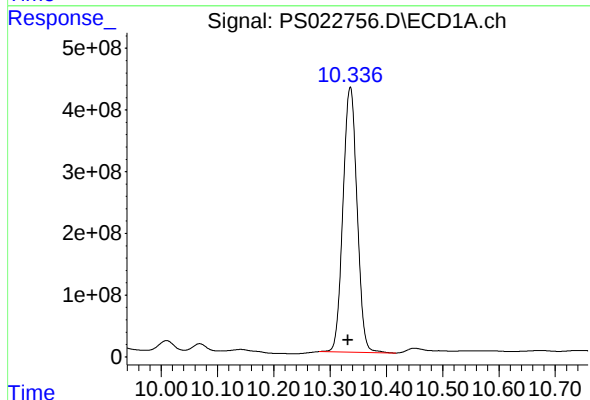
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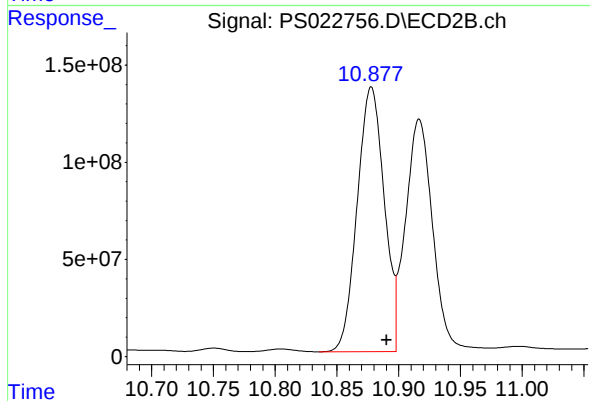
#15 Picloram

R.T.: 10.917 min
Delta R.T.: -0.011 min
Response: 1834464838
Conc: 225.54 ng/ml



#16 DCPA

R.T.: 10.336 min
Delta R.T.: 0.004 min
Response: 7462362704
Conc: 333.81 ng/ml



#16 DCPA

R.T.: 10.878 min
Delta R.T.: -0.012 min
Response: 2075040199
Conc: 298.81 ng/ml