

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS021023\
 Data File : PS022110.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Feb 2023 18:22
 Operator : AR\AJ
 Sample : 01504-01MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 COMP-1MSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 02/13/2023
 Supervised By : Ankita Jodhani 02/13/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 11 04:02:18 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS020223.M
 Quant Title : 8080.M
 QLast Update : Fri Feb 03 10:03:01 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	6.301	6.727	640.1E6	597.3E6	280.841	295.087
Target Compounds							
1) T	Dalapon	2.414	2.490	517.0E6	861.1E6	166.497m	276.735m#
2) T	3,5-DICHL...	5.682	5.927	843.0E6	740.3E6	244.809	247.732
3) T	4-Nitroph...	6.145	6.352	398.1E6	354.1E6	295.793	265.160
5) T	DICAMBA	6.437	6.883	2434.6E6	2359.9E6	251.700	249.793
6) T	MCPD	6.584	6.978	138.3E6	150.4E6	19.202	20.149
7) T	MCPA	6.705	7.187	233.0E6	273.8E6	23.272	27.261
8) T	DICHLORPROP	7.022	7.506	537.4E6	589.2E6	217.377	246.285
9) T	2,4-D	7.226	7.797	763.4E6	798.5E6	253.915	283.186
10) T	Pentachlo...	7.443	8.214	5394.8E6	5155.0E6	163.383	162.257
11) T	2,4,5-TP ...	7.970	8.577	2638.7E6	2647.6E6	198.054	201.025
12) T	2,4,5-T	8.231	8.955	3113.4E6	2779.9E6	216.937	230.030
13) T	2,4-DB	8.743	9.461	426.3E6	298.1E6	193.893	176.516
14) T	DINOSEB	9.780	9.782	298.7E6	286.7E6	29.042	30.667m
15) T	Picloram	9.622	10.752	4852.2E6	4835.5E6	260.540	266.435
16) T	DCPA	10.046	10.706	6678.4E6	5929.8E6	393.051	385.303

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

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Acq On : 10 Feb 2023 18:22
Operator : AR\AJ
Sample : 01504-01MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

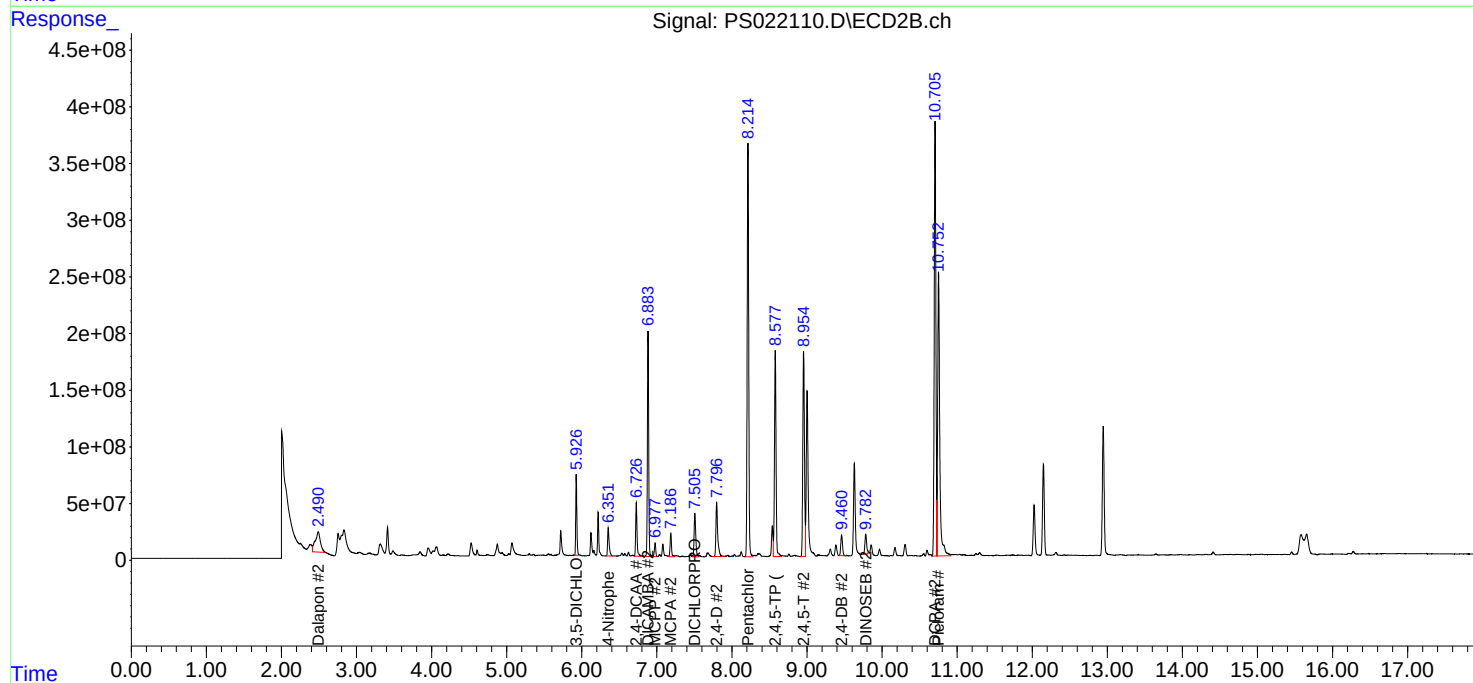
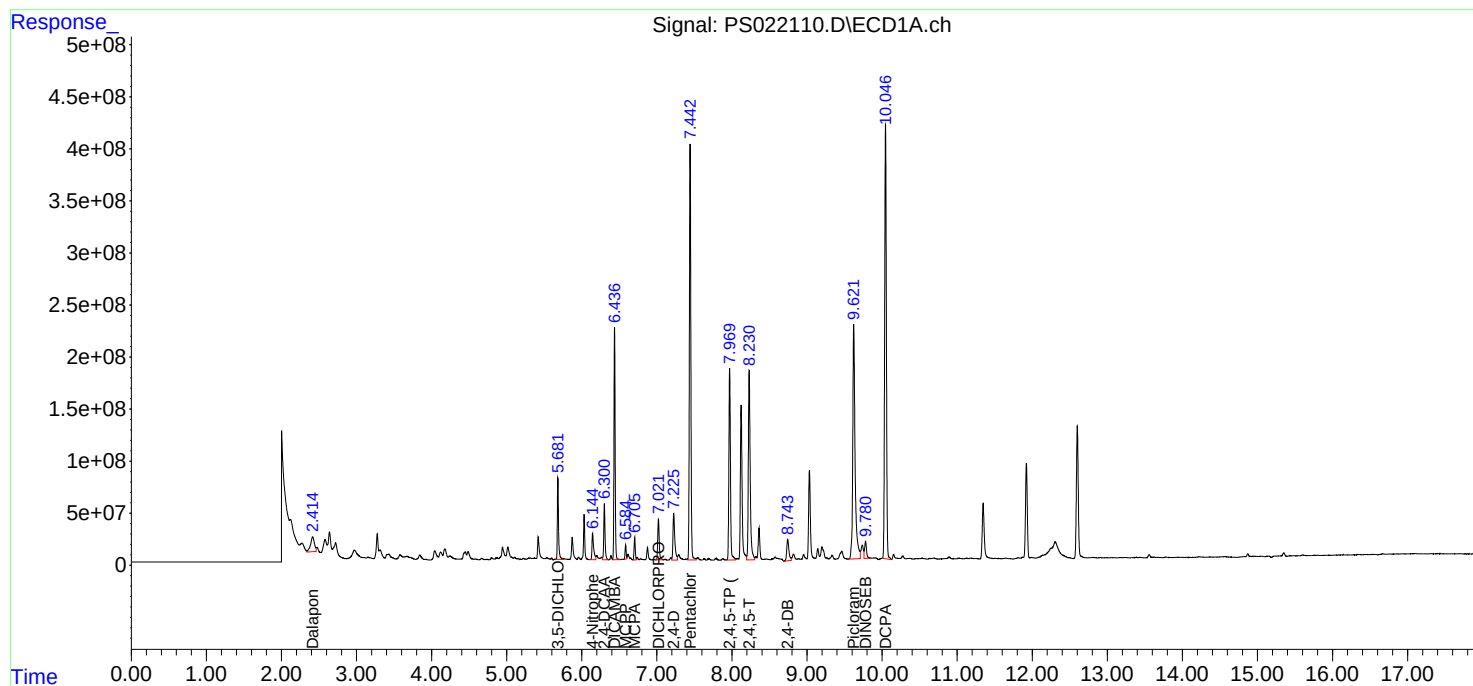
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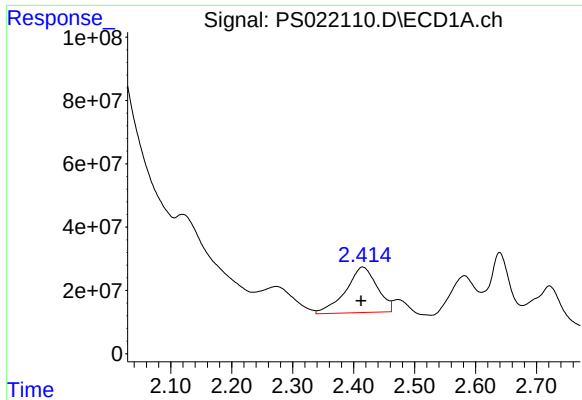
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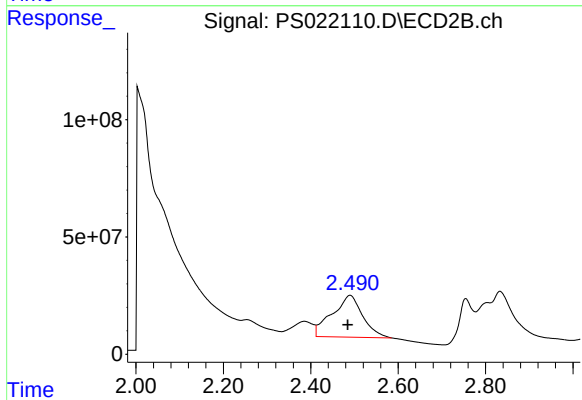
#1 Dalapon

R.T.: 2.414 min
Delta R.T.: 0.002 min
Response: 516950551
Conc: 166.50 ng/ml

Instrument :
ECD_S
ClientSampleId :
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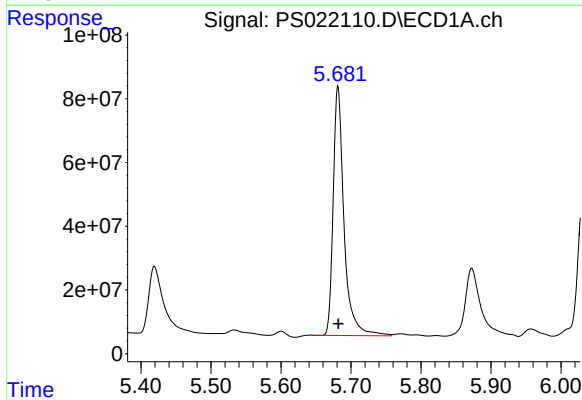
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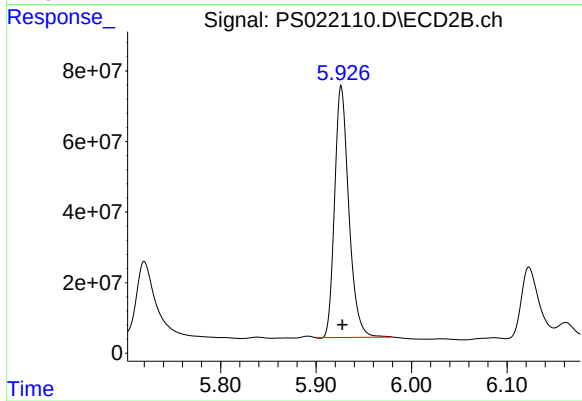
#1 Dalapon

R.T.: 2.490 min
Delta R.T.: 0.005 min
Response: 861096786
Conc: 276.73 ng/ml m



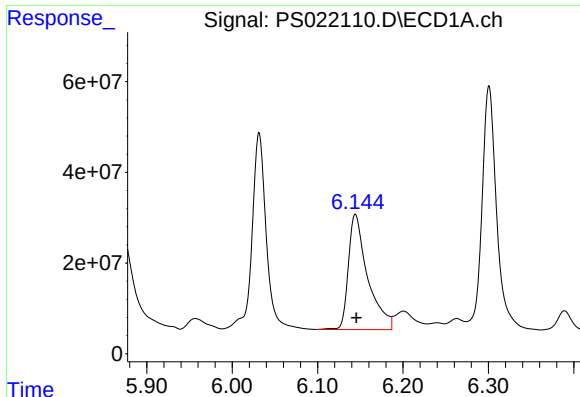
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.682 min
Delta R.T.: 0.000 min
Response: 843031406
Conc: 244.81 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.927 min
Delta R.T.: -0.001 min
Response: 740277209
Conc: 247.73 ng/ml



#3 4-Nitrophenol

R.T.: 6.145 min
Delta R.T.: 0.000 min
Response: 398100262
Conc: 295.79 ng/ml

Instrument :

ECD_S

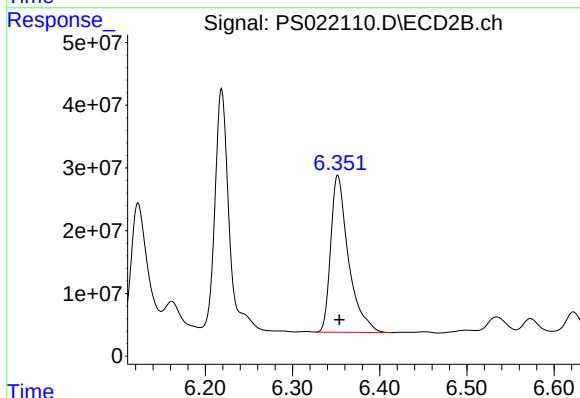
ClientSampleId :

COMP-1MSD

Manual Integrations

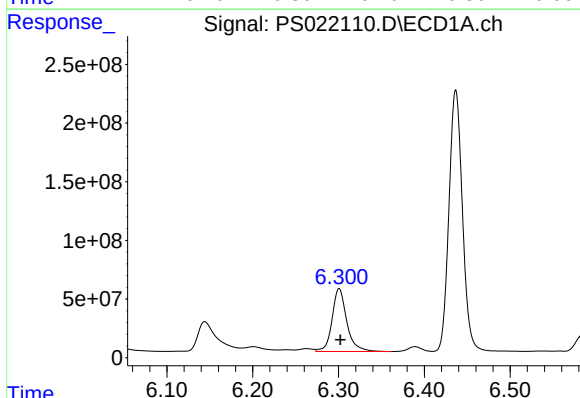
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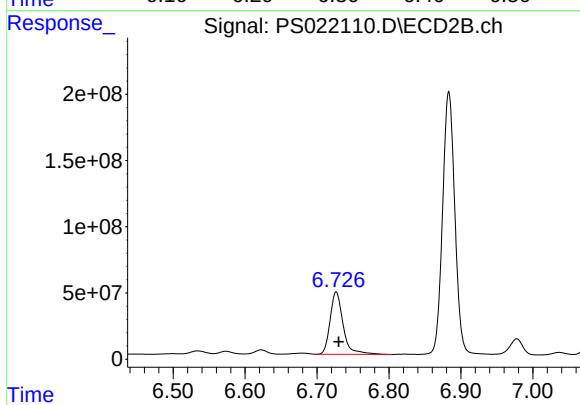
#3 4-Nitrophenol

R.T.: 6.352 min
Delta R.T.: -0.002 min
Response: 354098901
Conc: 265.16 ng/ml



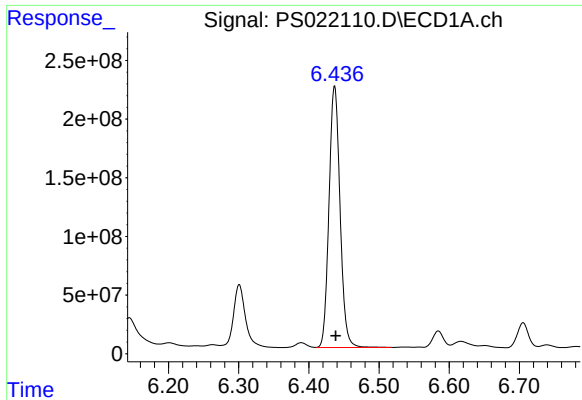
#4 2,4-DCAA

R.T.: 6.301 min
Delta R.T.: -0.001 min
Response: 640138300
Conc: 280.84 ng/ml



#4 2,4-DCAA

R.T.: 6.727 min
Delta R.T.: -0.004 min
Response: 597326300
Conc: 295.09 ng/ml



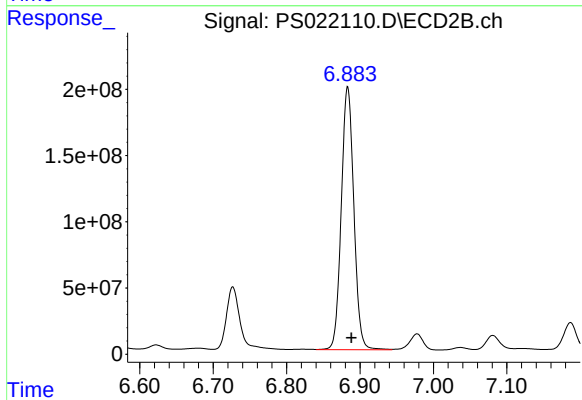
#5 DICAMBA

R.T.: 6.437 min
Delta R.T.: -0.001 min
Response: 2434614621
Conc: 251.70 ng/ml

Instrument :
ECD_S
ClientSampleId :
COMP-1MSD

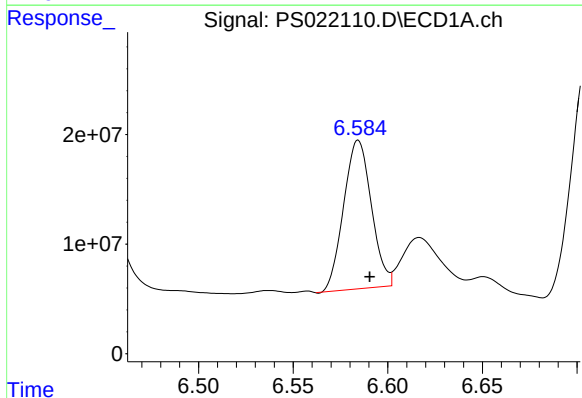
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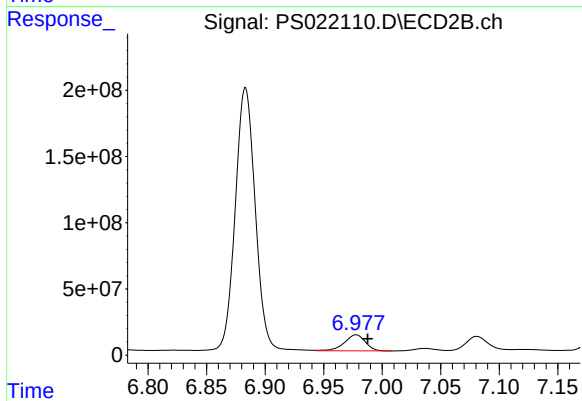
#5 DICAMBA

R.T.: 6.883 min
Delta R.T.: -0.005 min
Response: 2359937976
Conc: 249.79 ng/ml



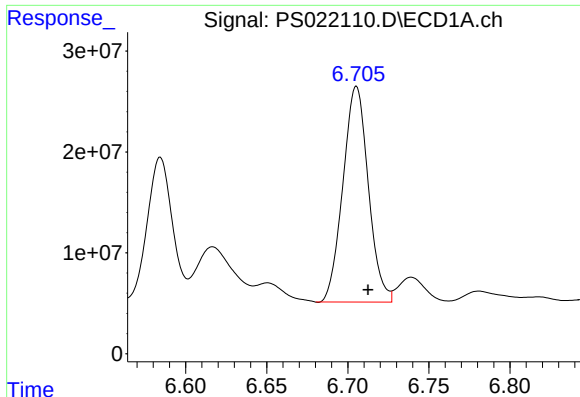
#6 MCPP

R.T.: 6.584 min
Delta R.T.: -0.006 min
Response: 138272708
Conc: 19.20 ug/ml



#6 MCPP

R.T.: 6.978 min
Delta R.T.: -0.010 min
Response: 150366337
Conc: 20.15 ug/ml



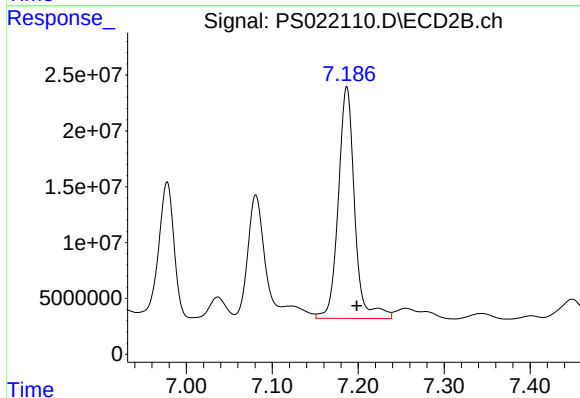
#7 MCPA

R.T.: 6.705 min
Delta R.T.: -0.007 min
Response: 233044475
Conc: 23.27 ug/ml

Instrument :
ECD_S
ClientSampleId :
COMP-1MSD

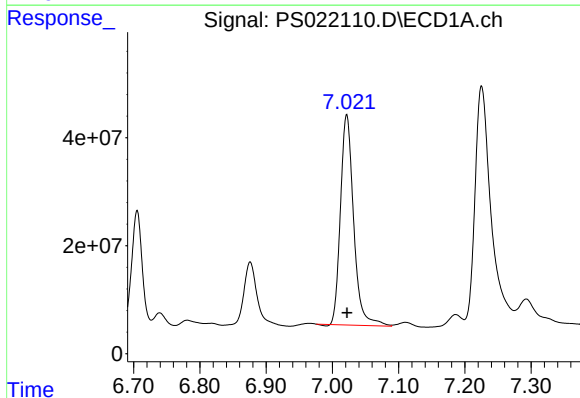
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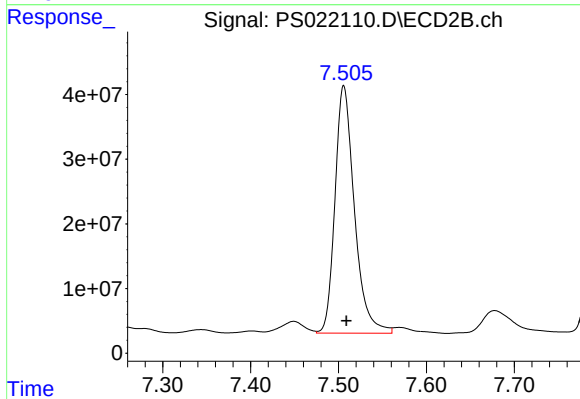
#7 MCPA

R.T.: 7.187 min
Delta R.T.: -0.012 min
Response: 273831355
Conc: 27.26 ug/ml



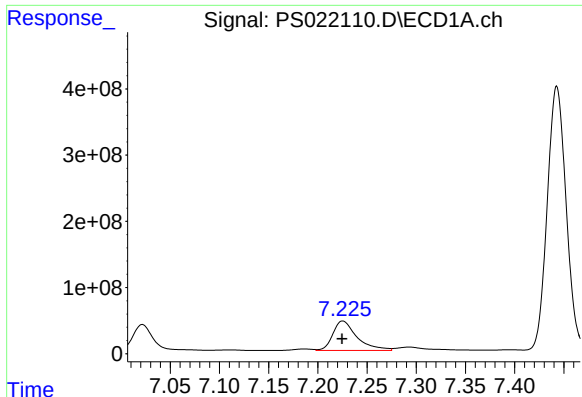
#8 DICHLORPROP

R.T.: 7.022 min
Delta R.T.: 0.000 min
Response: 537418147
Conc: 217.38 ng/ml



#8 DICHLORPROP

R.T.: 7.506 min
Delta R.T.: -0.003 min
Response: 589238085
Conc: 246.28 ng/ml



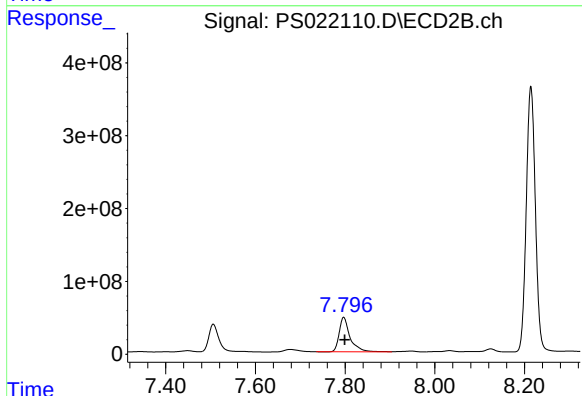
#9 2,4-D

R.T.: 7.226 min
Delta R.T.: 0.000 min
Response: 763388167
Conc: 253.92 ng/ml

Instrument :
ECD_S
ClientSampleId :
COMP-1MSD

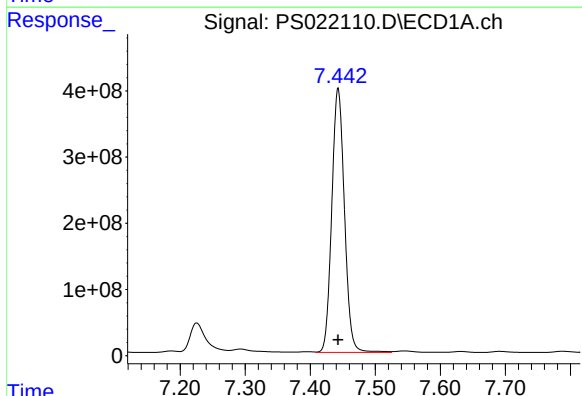
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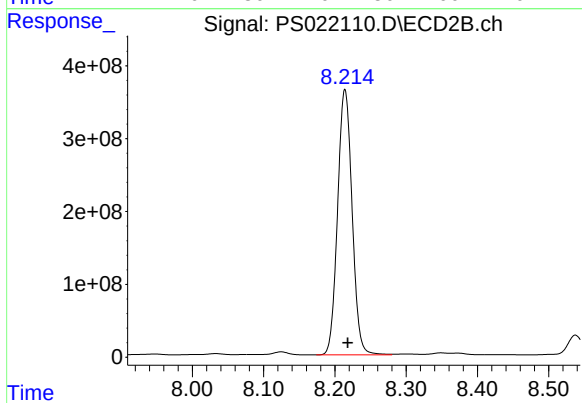
#9 2,4-D

R.T.: 7.797 min
Delta R.T.: -0.002 min
Response: 798512378
Conc: 283.19 ng/ml



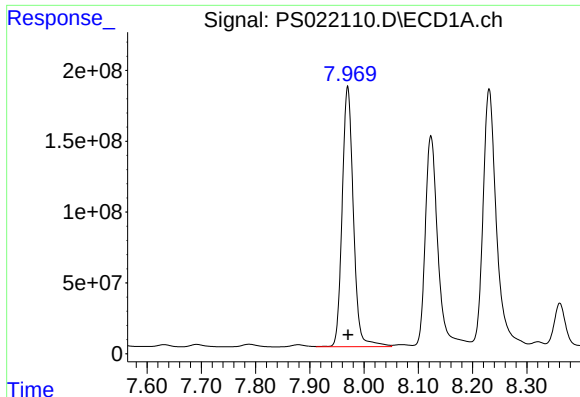
#10 Pentachlorophenol

R.T.: 7.443 min
Delta R.T.: 0.000 min
Response: 5394816898
Conc: 163.38 ng/ml



#10 Pentachlorophenol

R.T.: 8.214 min
Delta R.T.: -0.004 min
Response: 5154966785
Conc: 162.26 ng/ml



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

R.T.: 7.970 min
Delta R.T.: 0.000 min
Response: 2638735776
Conc: 198.05 ng/ml

Instrument :

ECD_S

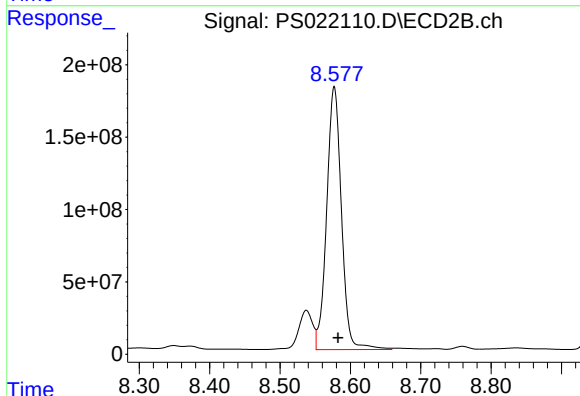
ClientSampleId :

COMP-1MSD

Manual Integrations

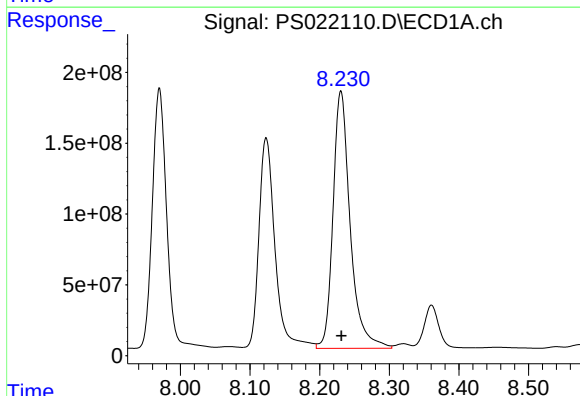
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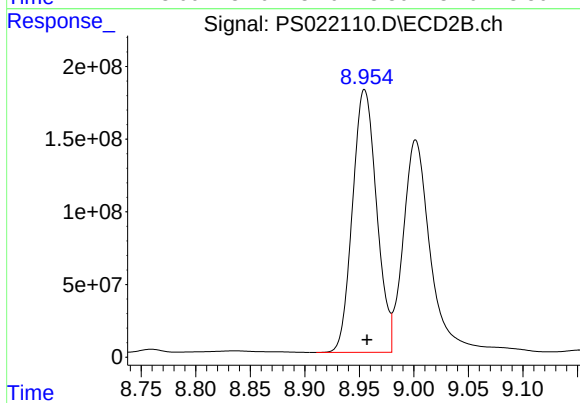
#11 2,4,5-TP (SILVEX)

R.T.: 8.577 min
Delta R.T.: -0.005 min
Response: 2647624517
Conc: 201.03 ng/ml



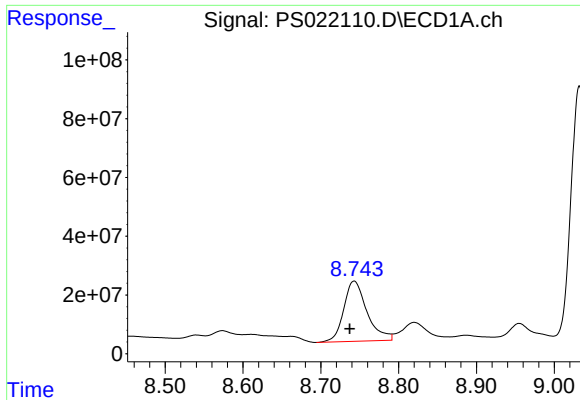
#12 2,4,5-T

R.T.: 8.231 min
Delta R.T.: 0.000 min
Response: 3113383695
Conc: 216.94 ng/ml



#12 2,4,5-T

R.T.: 8.955 min
Delta R.T.: -0.002 min
Response: 2779867904
Conc: 230.03 ng/ml



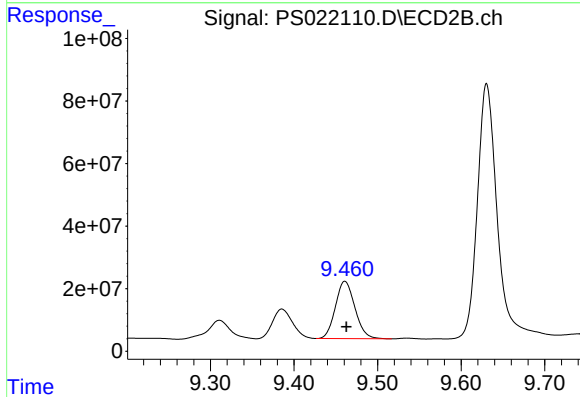
#13 2,4-DB

R.T.: 8.743 min
Delta R.T.: 0.005 min
Response: 426312398
Conc: 193.89 ng/ml

Instrument :
ECD_S
ClientSampleId :
COMP-1MSD

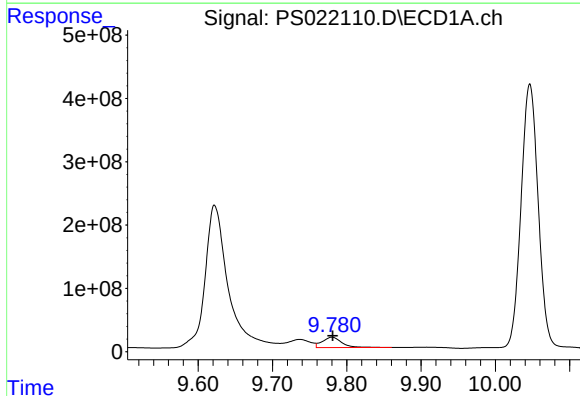
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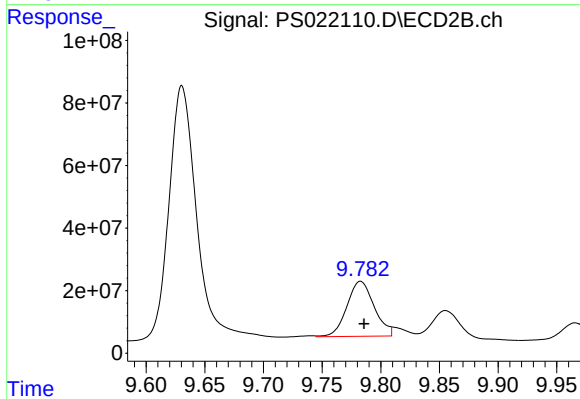
#13 2,4-DB

R.T.: 9.461 min
Delta R.T.: -0.002 min
Response: 298065241
Conc: 176.52 ng/ml



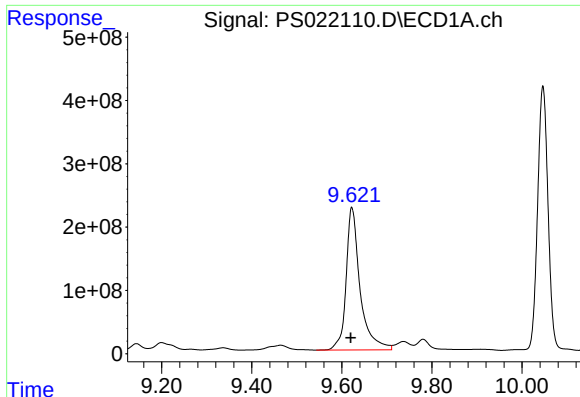
#14 DINOSEB

R.T.: 9.780 min
Delta R.T.: 0.000 min
Response: 298676719
Conc: 29.04 ng/ml



#14 DINOSEB

R.T.: 9.782 min
Delta R.T.: -0.003 min
Response: 286655022
Conc: 30.67 ng/ml m



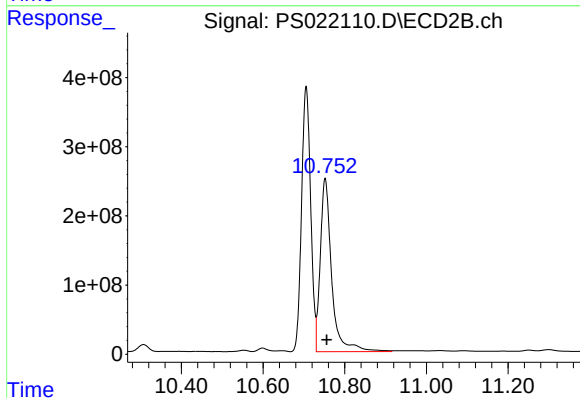
#15 Picloram

R.T.: 9.622 min
Delta R.T.: 0.003 min
Response: 4852163717
Conc: 260.54 ng/ml

Instrument :
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ClientSampleId :
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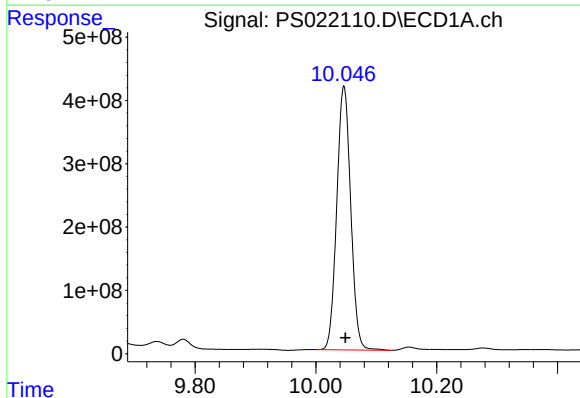
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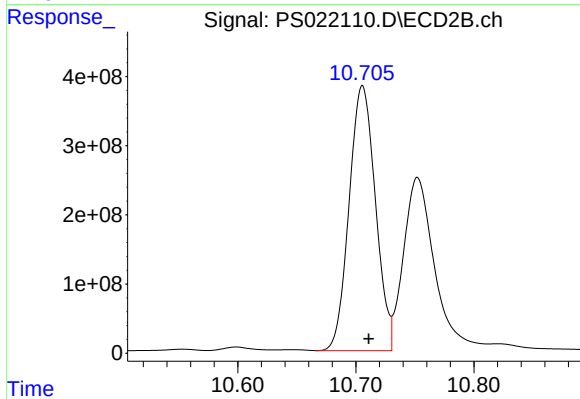
#15 Picloram

R.T.: 10.752 min
Delta R.T.: -0.004 min
Response: 4835499710
Conc: 266.43 ng/ml



#16 DCPA

R.T.: 10.046 min
Delta R.T.: -0.002 min
Response: 6678378773
Conc: 393.05 ng/ml



#16 DCPA

R.T.: 10.706 min
Delta R.T.: -0.005 min
Response: 5929841167
Conc: 385.30 ng/ml