

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS022423\
 Data File : PS022269.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Feb 2023 18:13
 Operator : AR\AJ
 Sample : 01650-01MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 BU-2-022223MSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 02/27/2023
 Supervised By : Ankita Jodhani 02/27/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 25 00:19:42 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS022023.M
 Quant Title : 8080.M
 QLast Update : Mon Feb 20 13:26:02 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	6.297	6.723	384.5E6	313.5E6	155.120	149.340
Target Compounds							
1) T	Dalapon	2.409	2.482	554.3E6	944.8E6	174.841m	293.403m#
2) T	3,5-DICHL...	5.681	5.926	312.0E6	275.6E6	83.928	89.131
3) T	4-Nitroph...	6.149	6.355	250.7E6	166.3E6	196.998	124.504 #
5) T	DICAMBA	6.434	6.879	1454.0E6	1276.2E6	140.123	132.062
6) T	MCPD	6.580	6.971	28668059	35294700	3.757	4.623
7) T	MCPA	6.701	7.180	94684631	136.4E6	9.092	13.381 #
8) T	DICHLORPROP	7.019	7.503	186.7E6	264.8E6	69.143	107.731 #
9) T	2,4-D	7.226	7.794	462.1E6	384.4E6	140.931	132.744m
10) T	Pentachlo...	7.441	8.209	973.9E6	849.9E6	27.050	26.231
11) T	2,4,5-TP ...	7.967	8.572	633.9E6	608.0E6	41.105	45.203
12) T	2,4,5-T	8.228	8.950	1236.4E6	891.7E6	71.265	74.145
13) T	2,4-DB	8.744	9.458	280.5E6	144.1E6	103.482	86.807m
15) T	Picloram	9.618	10.747	4707.8E6	3887.1E6	191.109	198.261
16) T	DCPA	10.041	10.700	6166.1E6	4280.8E6	289.506	273.625

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

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Acq On : 24 Feb 2023 18:13
Operator : AR\AJ
Sample : 01650-01MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

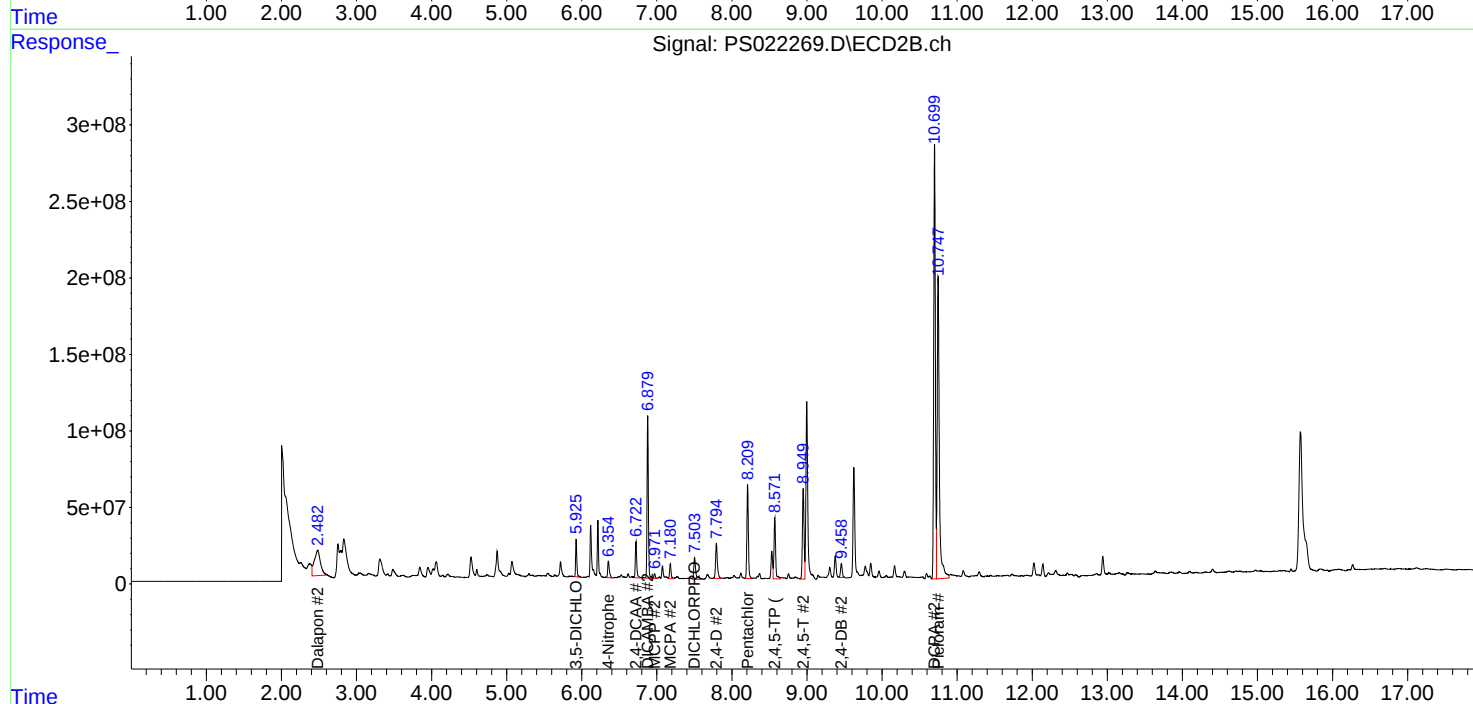
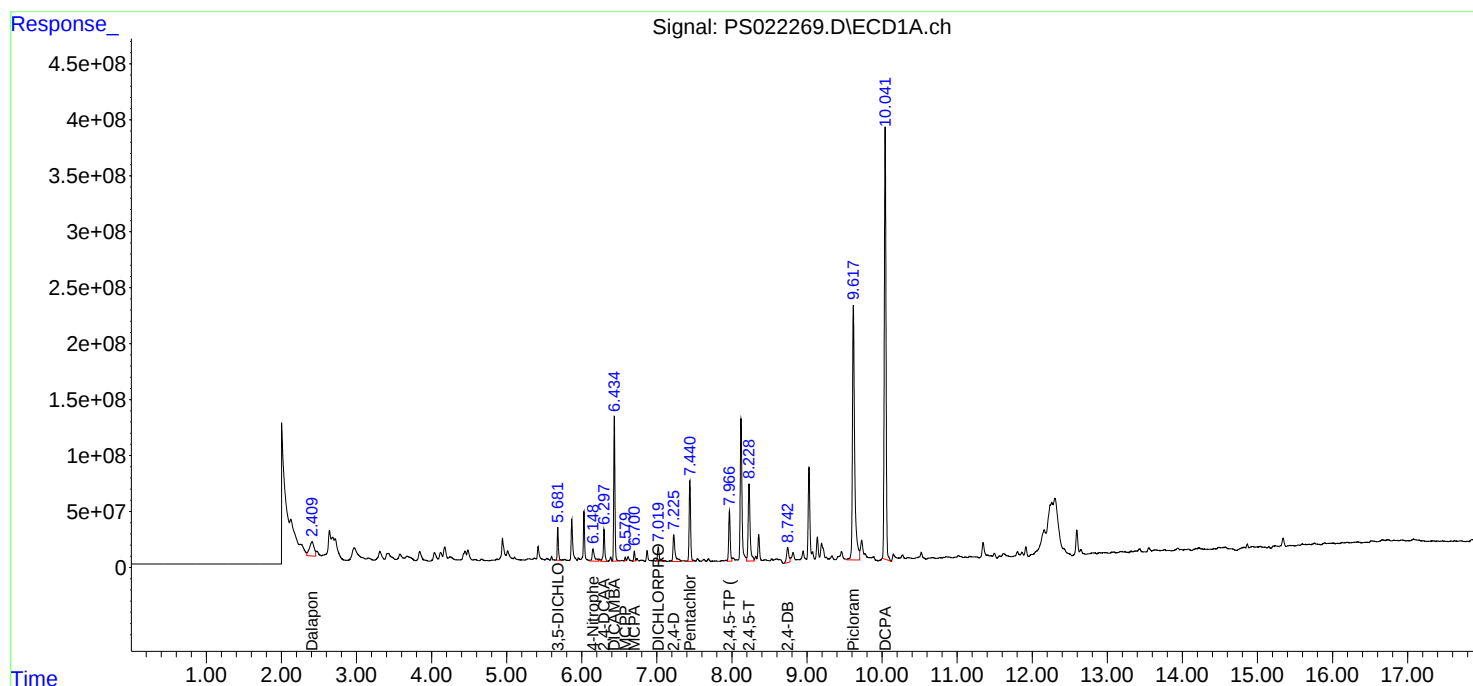
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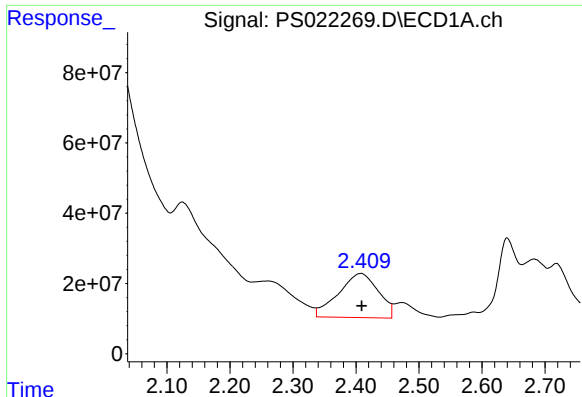
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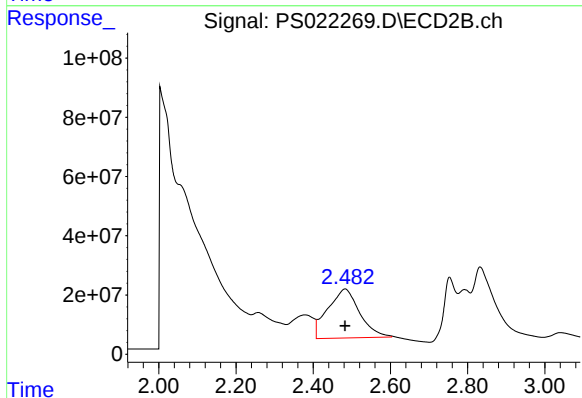
#1 Dalapon

R.T.: 2.409 min
Delta R.T.: 0.000 min
Response: 554293550
Conc: 174.84 ng/ml

Instrument :
ECD_S
ClientSampleId :
BU-2-022223MSD

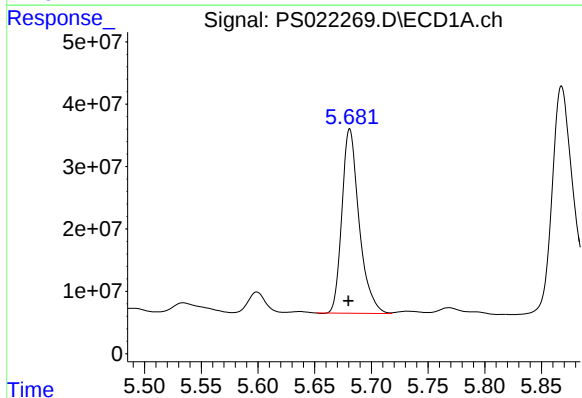
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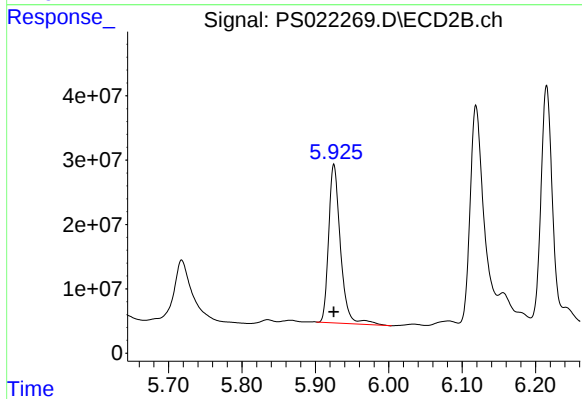
#1 Dalapon

R.T.: 2.482 min
Delta R.T.: 0.000 min
Response: 944803166
Conc: 293.40 ng/ml m



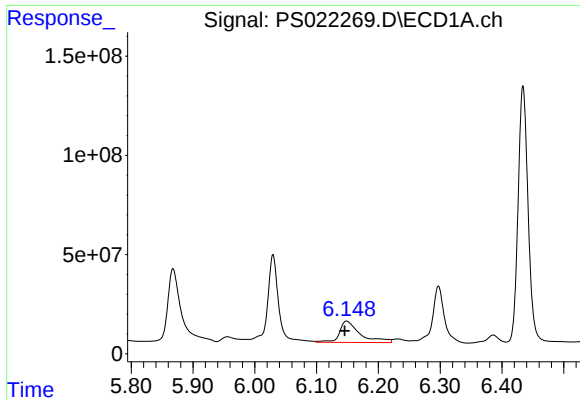
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.681 min
Delta R.T.: 0.001 min
Response: 311995291
Conc: 83.93 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.926 min
Delta R.T.: 0.000 min
Response: 275622620
Conc: 89.13 ng/ml



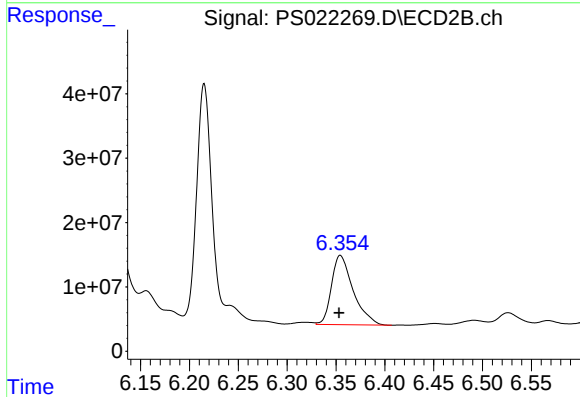
#3 4-Nitrophenol

R.T.: 6.149 min
Delta R.T.: 0.003 min
Response: 250683186
Conc: 197.00 ng/ml

Instrument :
ECD_S
ClientSampleId :
BU-2-022223MSD

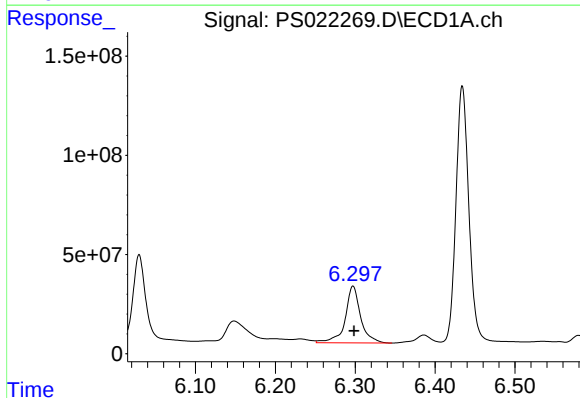
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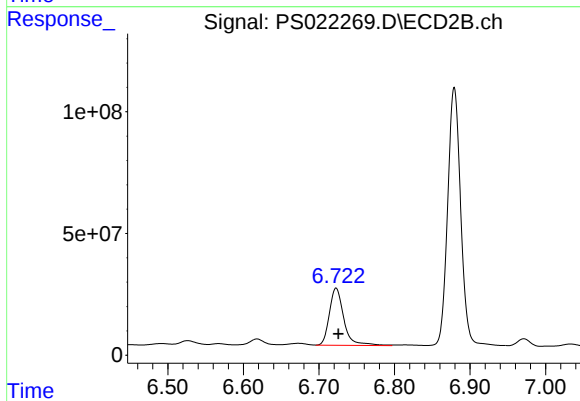
#3 4-Nitrophenol

R.T.: 6.355 min
Delta R.T.: 0.001 min
Response: 166279644
Conc: 124.50 ng/ml



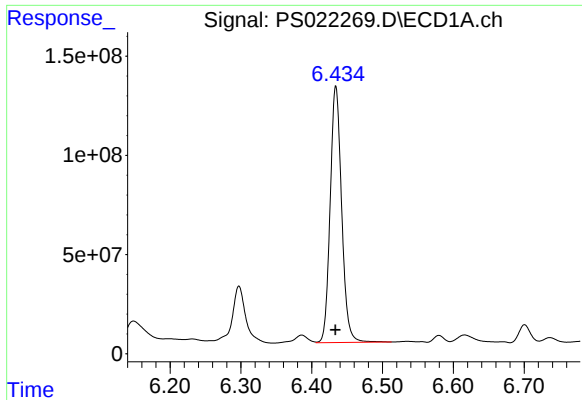
#4 2,4-DCAA

R.T.: 6.297 min
Delta R.T.: -0.001 min
Response: 384493808
Conc: 155.12 ng/ml



#4 2,4-DCAA

R.T.: 6.723 min
Delta R.T.: -0.003 min
Response: 313459008
Conc: 149.34 ng/ml



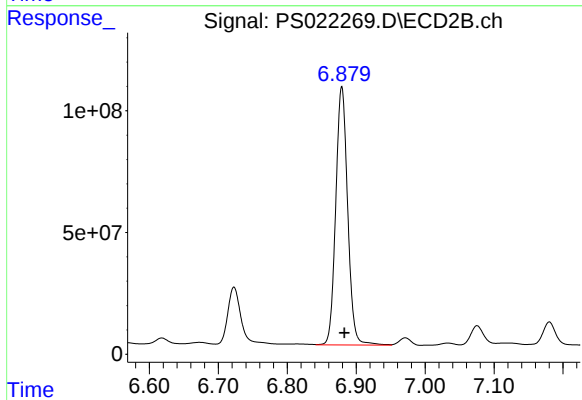
#5 DICAMBA

R.T.: 6.434 min
Delta R.T.: 0.000 min
Response: 1453993229
Conc: 140.12 ng/ml

Instrument :
ECD_S
ClientSampleId :
BU-2-022223MSD

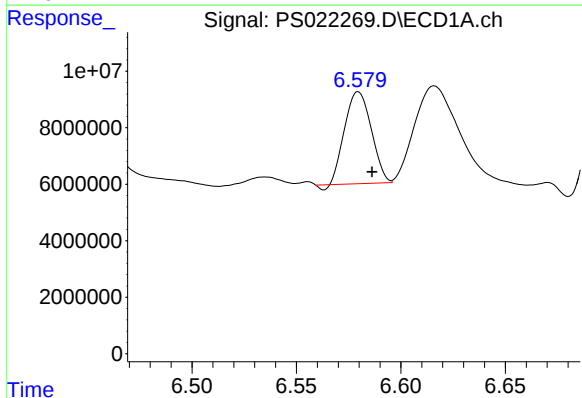
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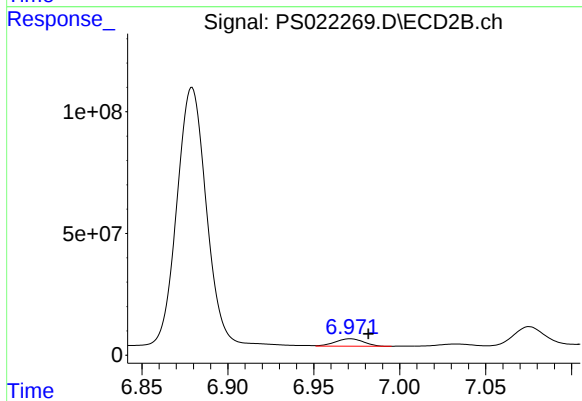
#5 DICAMBA

R.T.: 6.879 min
Delta R.T.: -0.004 min
Response: 1276247894
Conc: 132.06 ng/ml



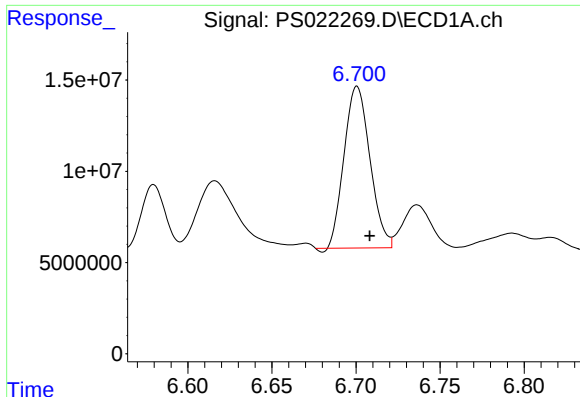
#6 MCP

R.T.: 6.580 min
Delta R.T.: -0.006 min
Response: 28668059
Conc: 3.76 ug/ml



#6 MCP

R.T.: 6.971 min
Delta R.T.: -0.011 min
Response: 35294700
Conc: 4.62 ug/ml



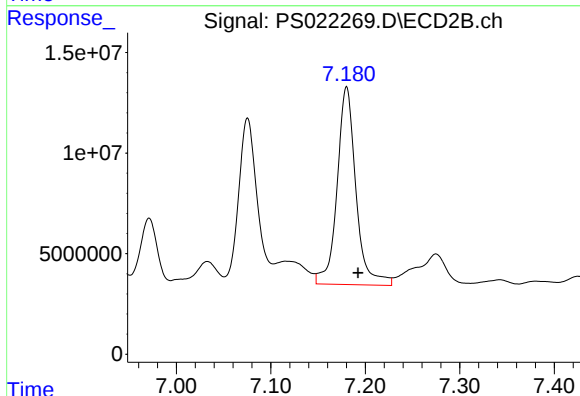
#7 MCPA

R.T.: 6.701 min
Delta R.T.: -0.007 min
Response: 94684631
Conc: 9.09 ug/ml

Instrument :
ECD_S
ClientSampleId :
BU-2-022223MSD

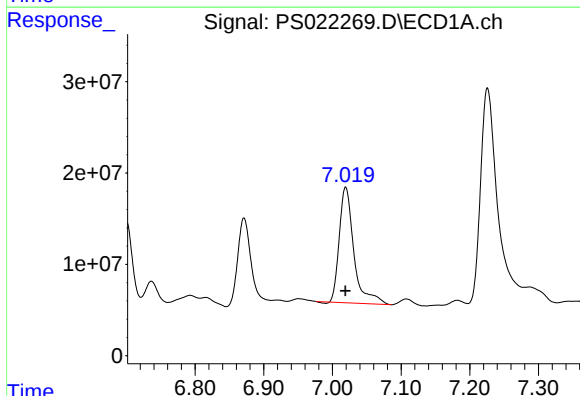
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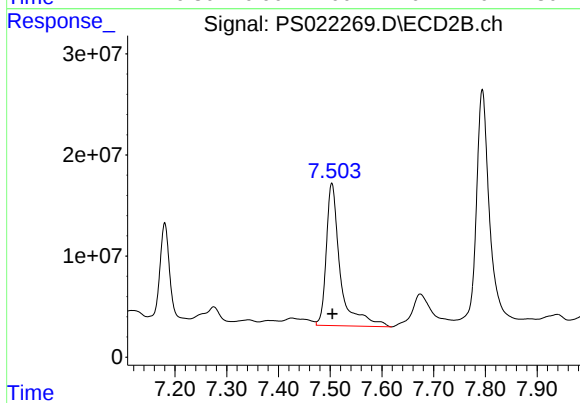
#7 MCPA

R.T.: 7.180 min
Delta R.T.: -0.012 min
Response: 136388900
Conc: 13.38 ug/ml



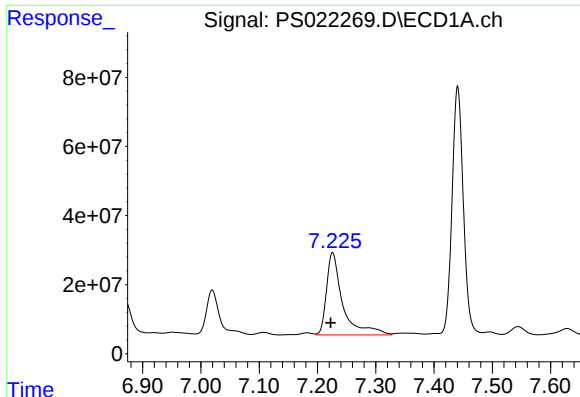
#8 DICHLORPROP

R.T.: 7.019 min
Delta R.T.: 0.000 min
Response: 186728163
Conc: 69.14 ng/ml



#8 DICHLORPROP

R.T.: 7.503 min
Delta R.T.: -0.001 min
Response: 264847733
Conc: 107.73 ng/ml



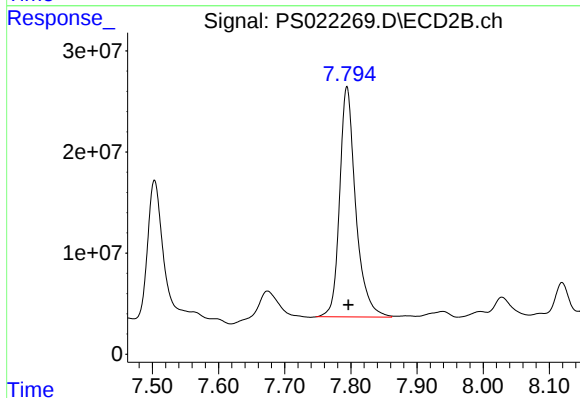
#9 2,4-D

R.T.: 7.226 min
Delta R.T.: 0.003 min
Response: 462074377
Conc: 140.93 ng/ml

Instrument :
ECD_S
ClientSampleId :
BU-2-022223MSD

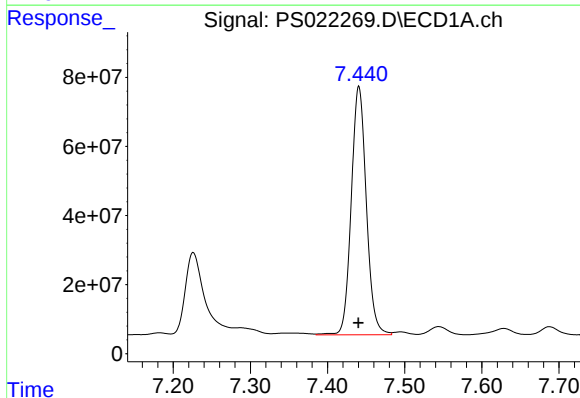
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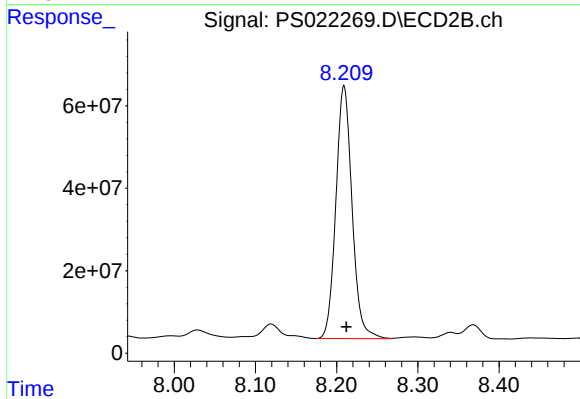
#9 2,4-D

R.T.: 7.794 min
Delta R.T.: -0.002 min
Response: 384389523
Conc: 132.74 ng/ml m



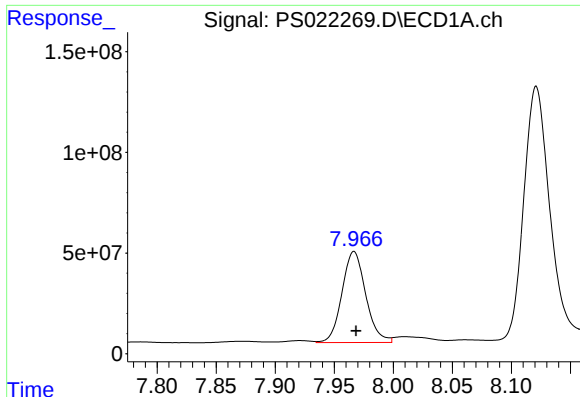
#10 Pentachlorophenol

R.T.: 7.441 min
Delta R.T.: 0.000 min
Response: 973860918
Conc: 27.05 ng/ml



#10 Pentachlorophenol

R.T.: 8.209 min
Delta R.T.: -0.003 min
Response: 849940903
Conc: 26.23 ng/ml



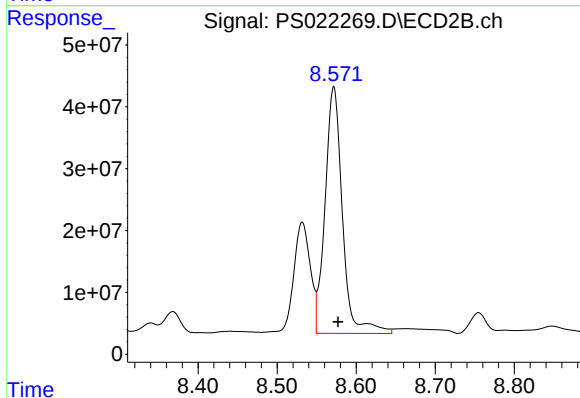
#11 2,4,5-TP (SILVEX)

R.T.: 7.967 min
Delta R.T.: -0.002 min
Response: 633933876
Conc: 41.10 ng/ml

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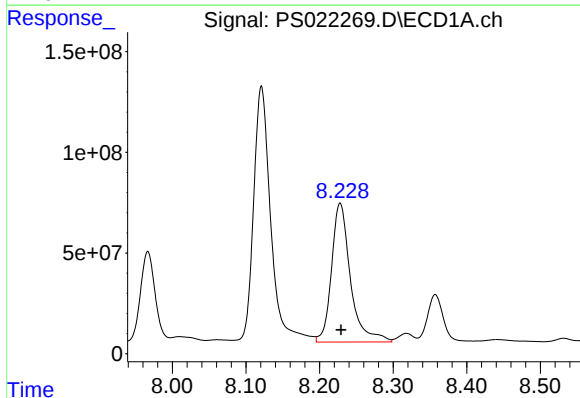
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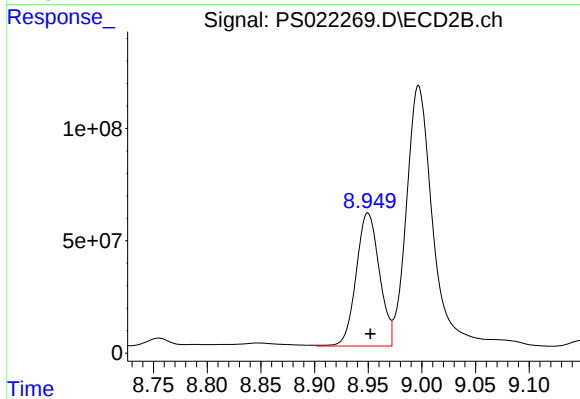
#11 2,4,5-TP (SILVEX)

R.T.: 8.572 min
Delta R.T.: -0.005 min
Response: 608028072
Conc: 45.20 ng/ml



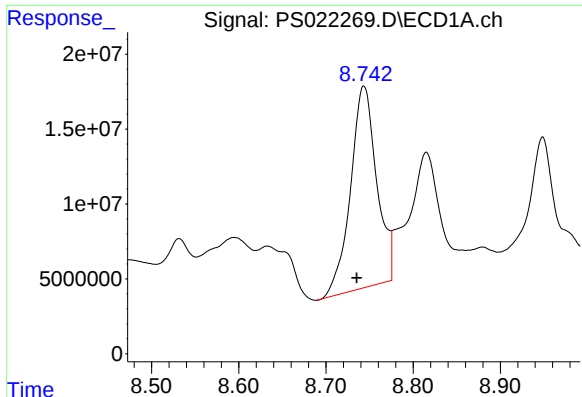
#12 2,4,5-T

R.T.: 8.228 min
Delta R.T.: -0.001 min
Response: 1236382204
Conc: 71.26 ng/ml



#12 2,4,5-T

R.T.: 8.950 min
Delta R.T.: -0.002 min
Response: 891746966
Conc: 74.15 ng/ml



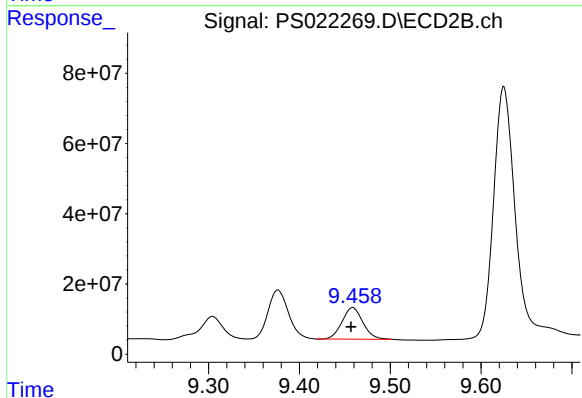
#13 2,4-DB

R.T.: 8.744 min
Delta R.T.: 0.008 min
Response: 280531466
Conc: 103.48 ng/ml

Instrument :
ECD_S
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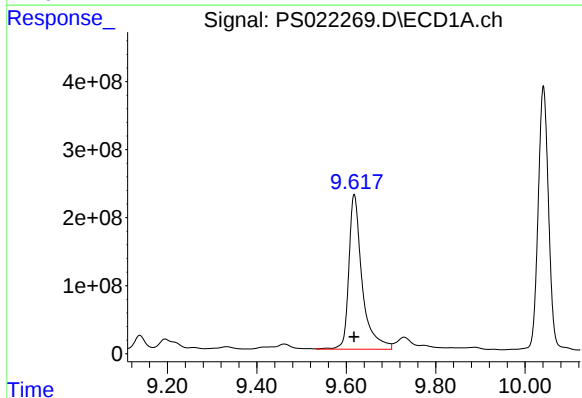
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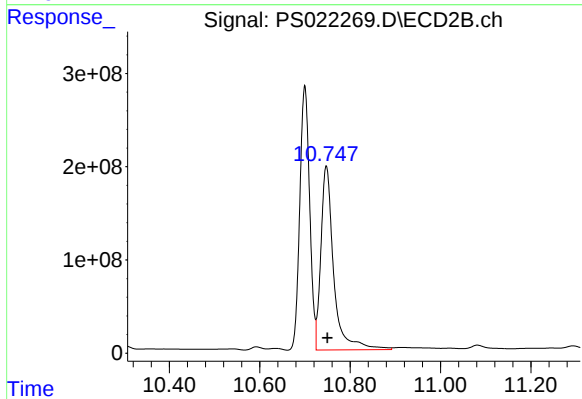
#13 2,4-DB

R.T.: 9.458 min
Delta R.T.: 0.001 min
Response: 144122621
Conc: 86.81 ng/ml m



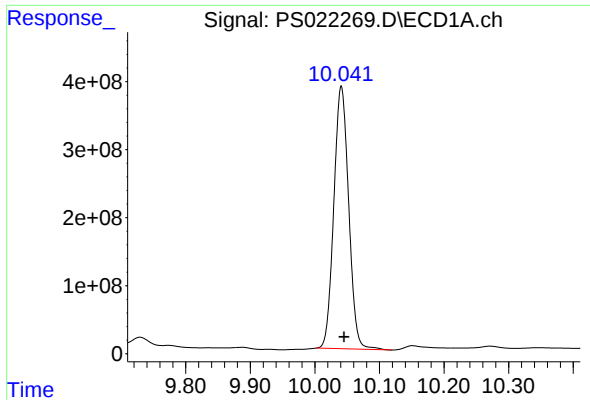
#15 Picloram

R.T.: 9.618 min
Delta R.T.: 0.000 min
Response: 4707769071
Conc: 191.11 ng/ml



#15 Picloram

R.T.: 10.747 min
Delta R.T.: -0.002 min
Response: 3887102807
Conc: 198.26 ng/ml



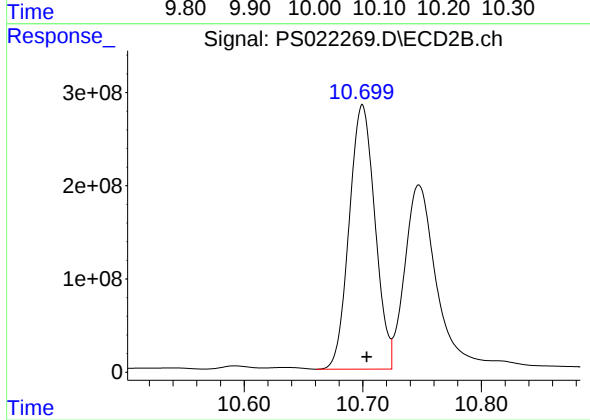
#16 DCPA

R.T.: 10.041 min
Delta R.T.: -0.004 min
Response: 6166061303
Conc: 289.51 ng/ml

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#16 DCPA

R.T.: 10.700 min
Delta R.T.: -0.004 min
Response: 4280827489
Conc: 273.63 ng/ml