

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS122722\
 Data File : PS021563.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Dec 2022 15:53
 Operator : AR\AJ
 Sample : N6051-02MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 SP-591MSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 12/28/2022
 Supervised By : Ankita Jodhani 12/28/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 27 21:09:00 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS120722.M
 Quant Title : 8080.M
 QLast Update : Wed Dec 07 15:59:29 2022
 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	6.373	6.807	1238.2E6	920.4E6	426.159m	533.870 #
Target Compounds							
1) T	Dalapon	2.480	2.555	885.0E6	1195.4E6	280.051m	532.494 #
2) T	3,5-DICHL...	5.746	5.989	1971.9E6	1289.5E6	496.149	492.797
3) T	4-Nitroph...	6.224	6.432	21725944	16706476	12.083m	14.336
5) T	DICAMBA	6.516	6.972	5112.8E6	3540.6E6	444.306	463.600
6) T	MCPD	6.671	7.069	392.7E6	302.1E6	42.057	51.351
7) T	MCPA	6.795	7.280	565.4E6	478.7E6	44.139m	54.134m
8) T	DICHLORPROP	7.113	7.596	1463.9E6	1087.2E6	465.640	551.988
9) T	2,4-D	7.314	7.887	1786.2E6	1262.3E6	467.453	523.289
10) T	Pentachlo...	7.543	8.315	21198.2E6	13588.7E6	521.279	515.461
11) T	2,4,5-TP ...	8.072	8.677	9050.7E6	6044.7E6	489.475	539.776
12) T	2,4,5-T	8.331	9.053	8937.1E6	5289.7E6	473.676	488.047
13) T	2,4-DB	8.847	9.561	1931.3E6	927.7E6	527.357	645.373
14) T	DINOSEB	9.894	9.886	6369.1E6	3448.2E6	399.749	435.976
15) T	Picloram	9.729	10.857	11381.6E6	6782.8E6	397.401	417.105
16) T	DCPA	10.161	10.814	11772.9E6	6429.4E6	462.268	473.858

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

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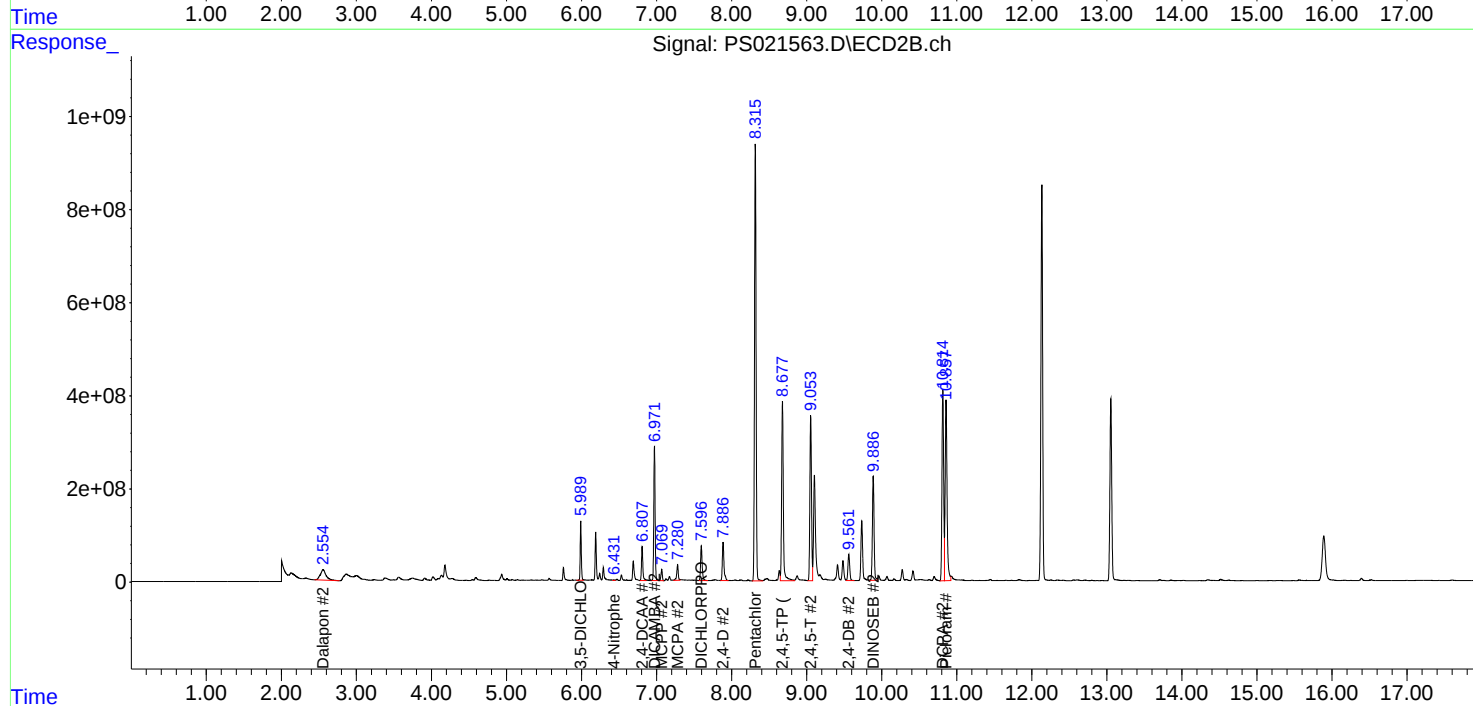
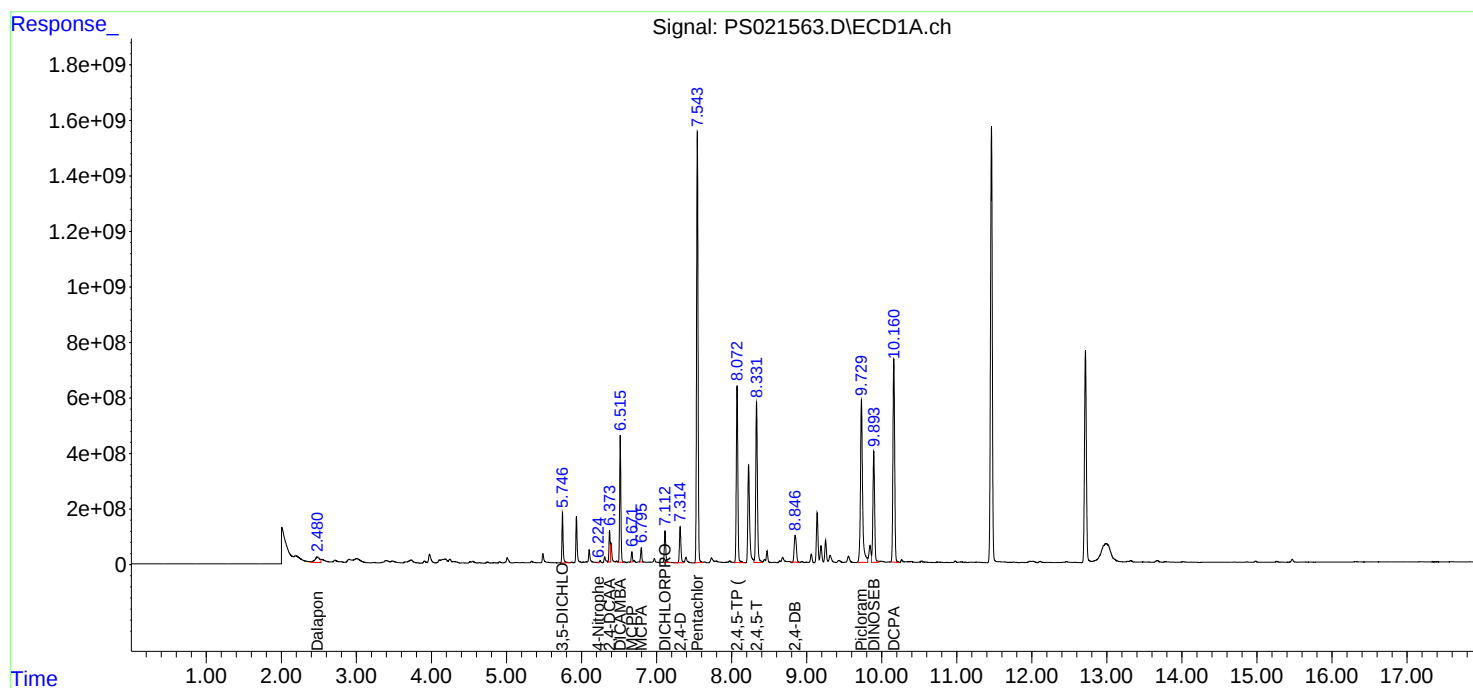
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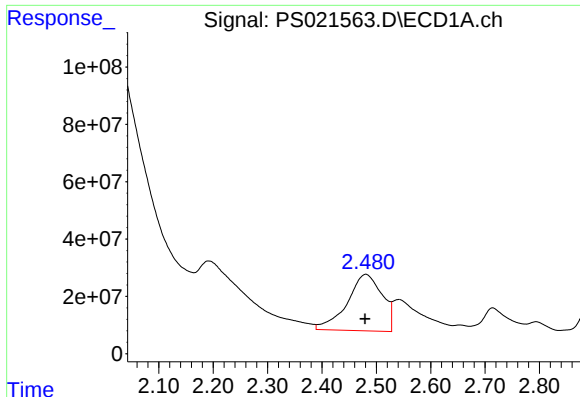
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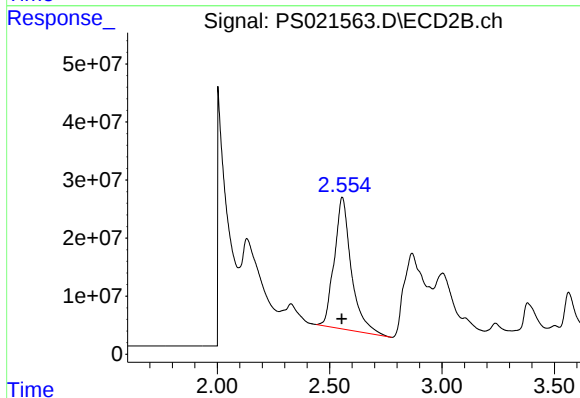
#1 Dalapon

R.T.: 2.480 min
Delta R.T.: 0.001 min
Response: 884982730
Conc: 280.05 ng/ml

Instrument :
ECD_S
ClientSampleId :
SP-591MSD

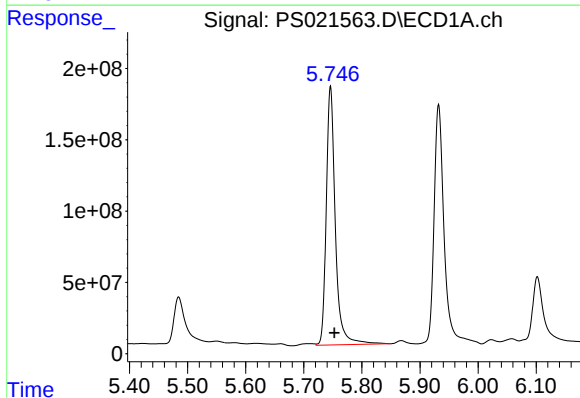
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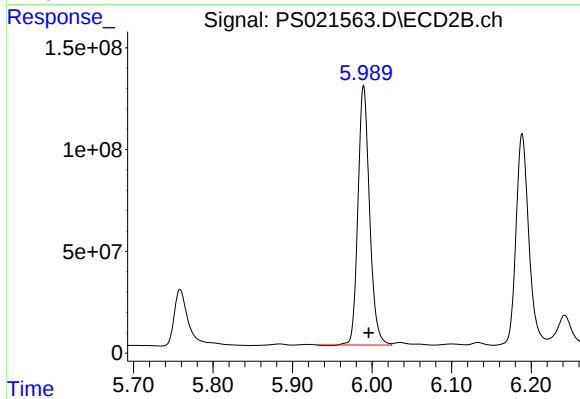
#1 Dalapon

R.T.: 2.555 min
Delta R.T.: 0.002 min
Response: 1195415823
Conc: 532.49 ng/ml



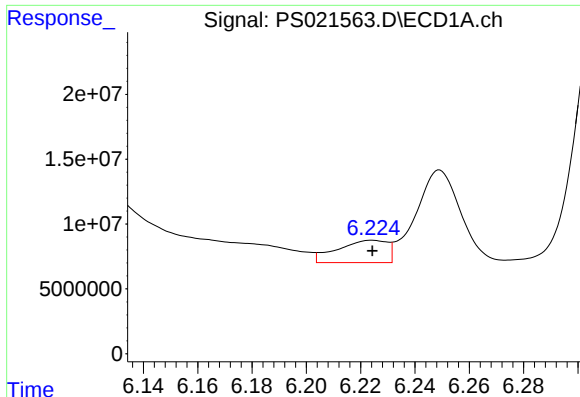
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.746 min
Delta R.T.: -0.007 min
Response: 1971884095
Conc: 496.15 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.989 min
Delta R.T.: -0.006 min
Response: 1289539467
Conc: 492.80 ng/ml



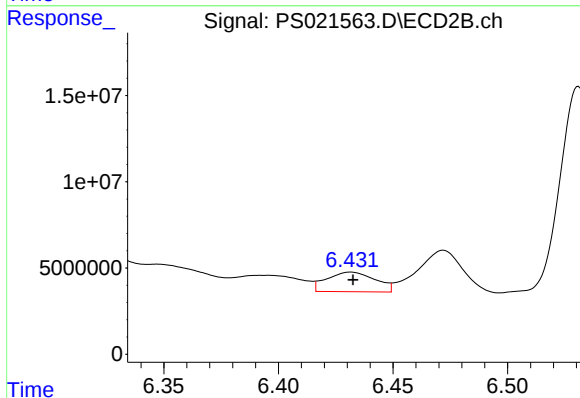
#3 4-Nitrophenol

R.T.: 6.224 min
Delta R.T.: 0.000 min
Response: 21725944
Conc: 12.08 ng/ml

Instrument :
ECD_S
ClientSampleId :
SP-591MSD

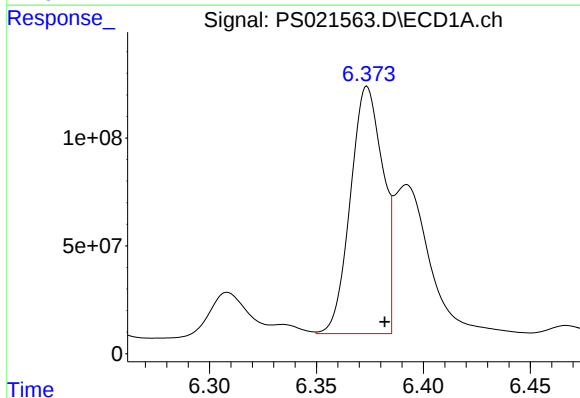
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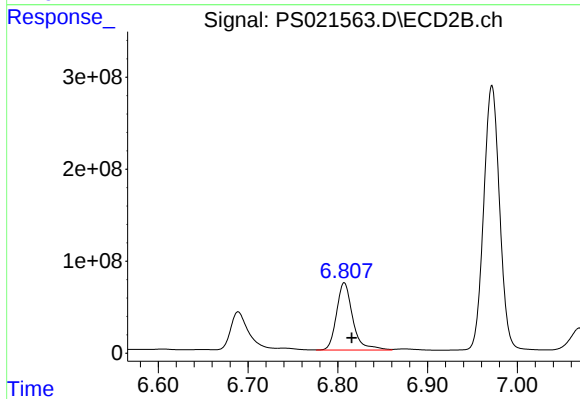
#3 4-Nitrophenol

R.T.: 6.432 min
Delta R.T.: 0.000 min
Response: 16706476
Conc: 14.34 ng/ml



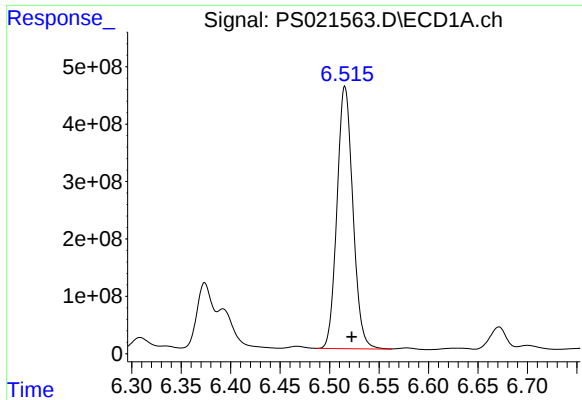
#4 2,4-DCAA

R.T.: 6.373 min
Delta R.T.: -0.009 min
Response: 1238203620
Conc: 426.16 ng/ml m



#4 2,4-DCAA

R.T.: 6.807 min
Delta R.T.: -0.008 min
Response: 920388465
Conc: 533.87 ng/ml



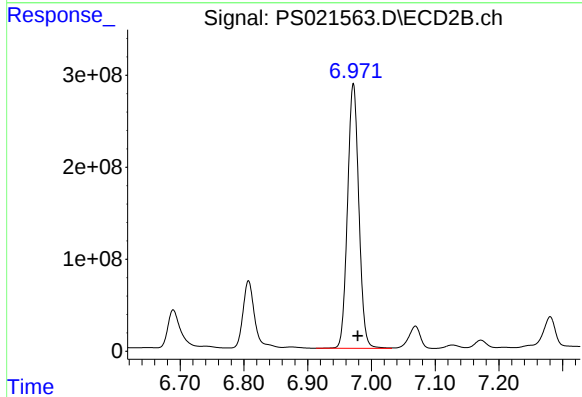
#5 DICAMBA

R.T.: 6.516 min
Delta R.T.: -0.007 min
Response: 5112769289
Conc: 444.31 ng/ml

Instrument :
ECD_S
ClientSampleId :
SP-591MSD

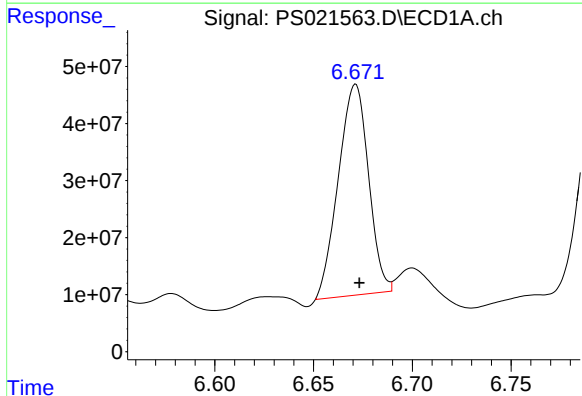
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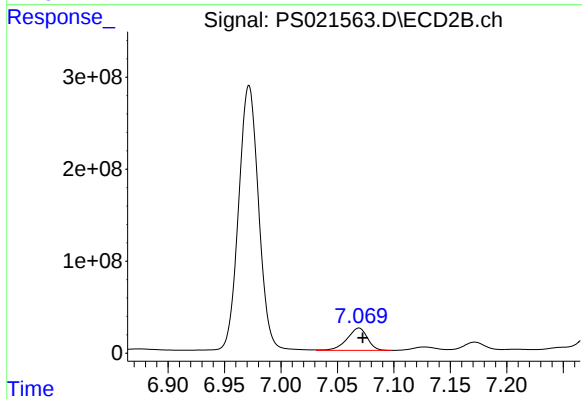
#5 DICAMBA

R.T.: 6.972 min
Delta R.T.: -0.007 min
Response: 3540601046
Conc: 463.60 ng/ml



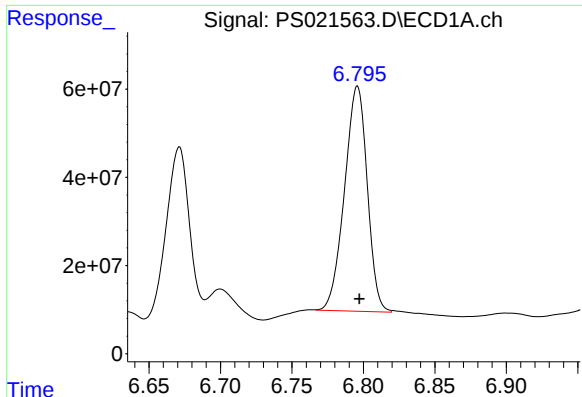
#6 MCP

R.T.: 6.671 min
Delta R.T.: -0.002 min
Response: 392693829
Conc: 42.06 ug/ml



#6 MCP

R.T.: 7.069 min
Delta R.T.: -0.003 min
Response: 302145463
Conc: 51.35 ug/ml



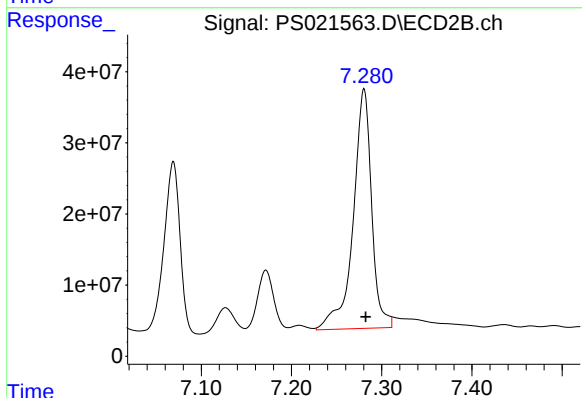
#7 MCPA

R.T.: 6.795 min
Delta R.T.: -0.002 min
Response: 565400242
Conc: 44.14 ug/ml

Instrument :
ECD_S
ClientSampleId :
SP-591MSD

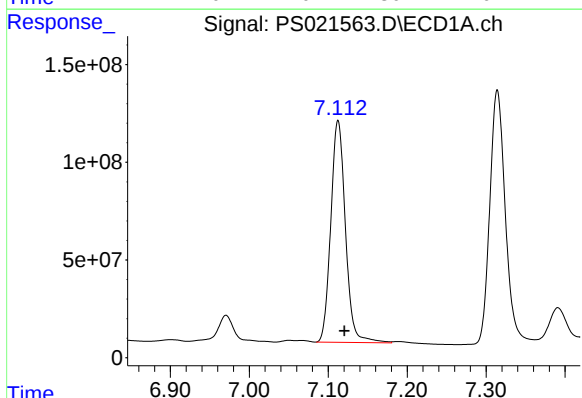
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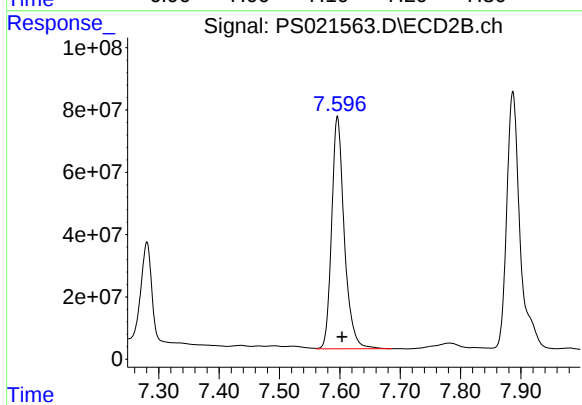
#7 MCPA

R.T.: 7.280 min
Delta R.T.: -0.002 min
Response: 478688831
Conc: 54.13 ug/ml m



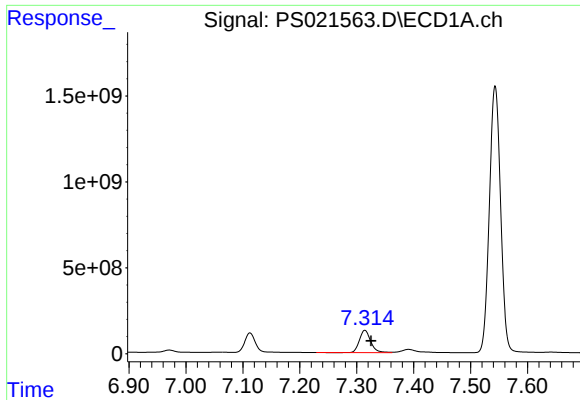
#8 DICHLORPROP

R.T.: 7.113 min
Delta R.T.: -0.008 min
Response: 1463869332
Conc: 465.64 ng/ml



#8 DICHLORPROP

R.T.: 7.596 min
Delta R.T.: -0.008 min
Response: 1087214684
Conc: 551.99 ng/ml



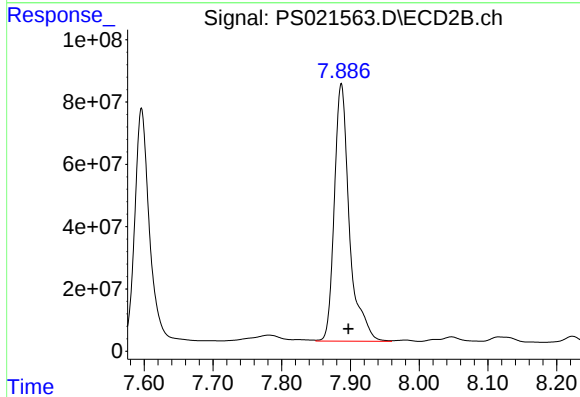
#9 2,4-D

R.T.: 7.314 min
Delta R.T.: -0.011 min
Response: 1786203245
Conc: 467.45 ng/ml

Instrument :
ECD_S
ClientSampleId :
SP-591MSD

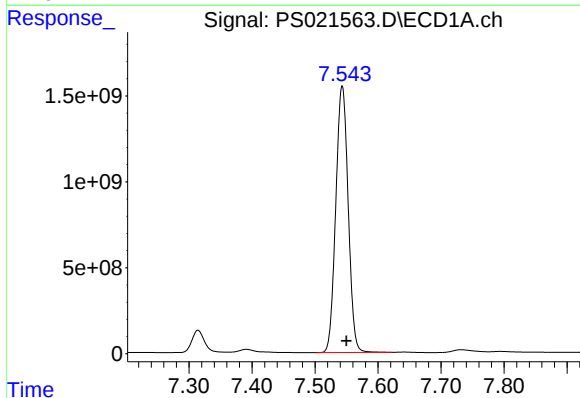
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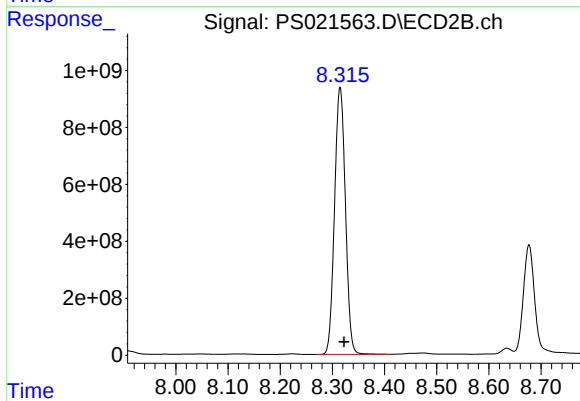
#9 2,4-D

R.T.: 7.887 min
Delta R.T.: -0.010 min
Response: 1262329558
Conc: 523.29 ng/ml



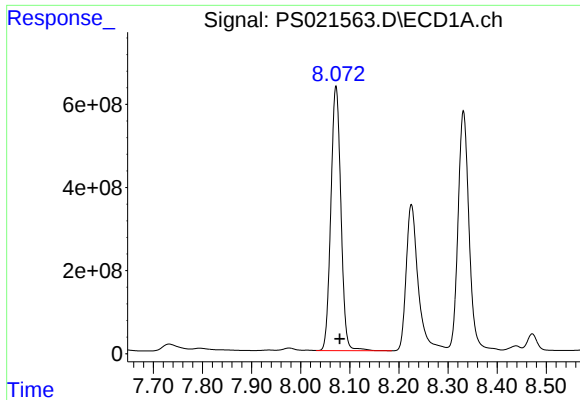
#10 Pentachlorophenol

R.T.: 7.543 min
Delta R.T.: -0.007 min
Response: 21198204555
Conc: 521.28 ng/ml



#10 Pentachlorophenol

R.T.: 8.315 min
Delta R.T.: -0.007 min
Response: 13588677361
Conc: 515.46 ng/ml



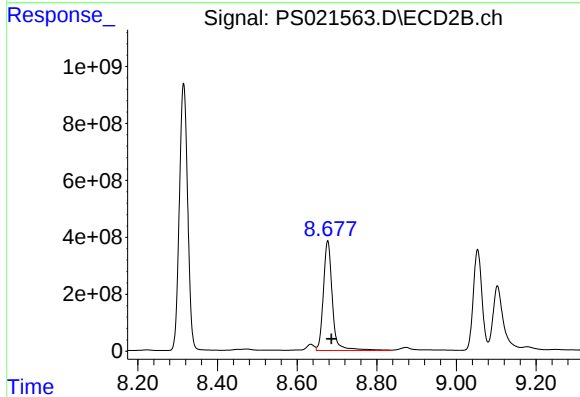
#11 2,4,5-TP (SILVEX)

R.T.: 8.072 min
Delta R.T.: -0.008 min
Response: 9050690150
Conc: 489.48 ng/ml

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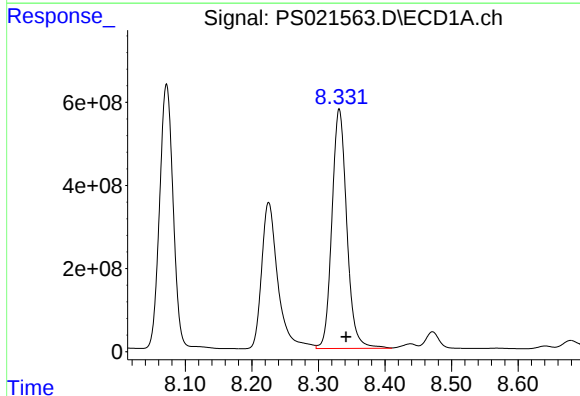
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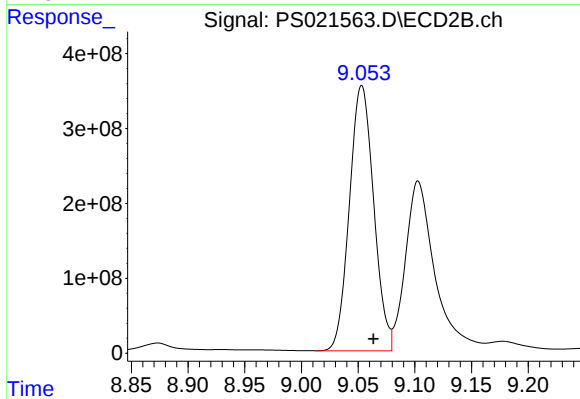
#11 2,4,5-TP (SILVEX)

R.T.: 8.677 min
Delta R.T.: -0.009 min
Response: 6044679842
Conc: 539.78 ng/ml



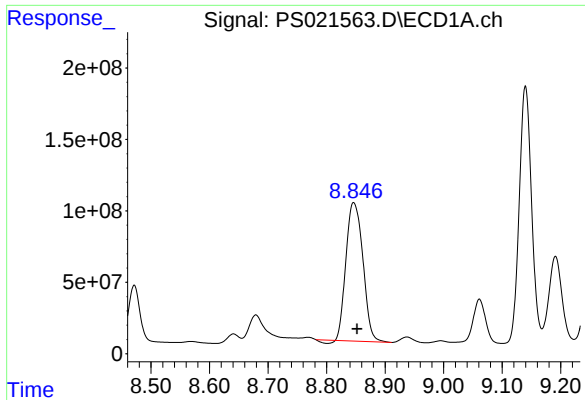
#12 2,4,5-T

R.T.: 8.331 min
Delta R.T.: -0.010 min
Response: 8937098730
Conc: 473.68 ng/ml



#12 2,4,5-T

R.T.: 9.053 min
Delta R.T.: -0.010 min
Response: 5289745996
Conc: 488.05 ng/ml



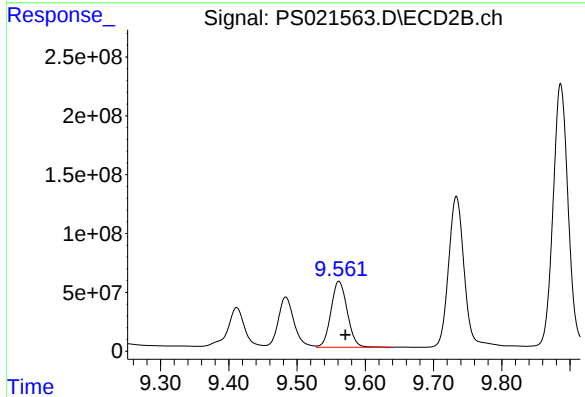
#13 2,4-DB

R.T.: 8.847 min
Delta R.T.: -0.006 min
Response: 1931316176
Conc: 527.36 ng/ml

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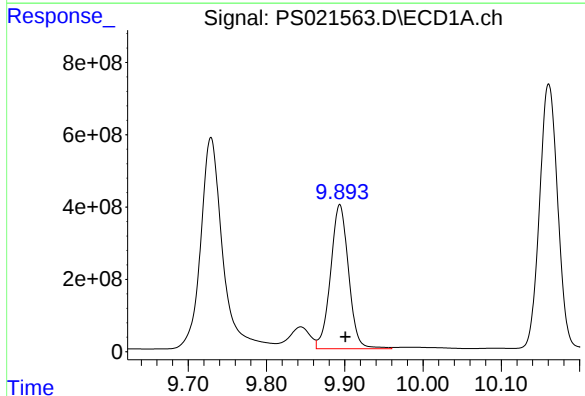
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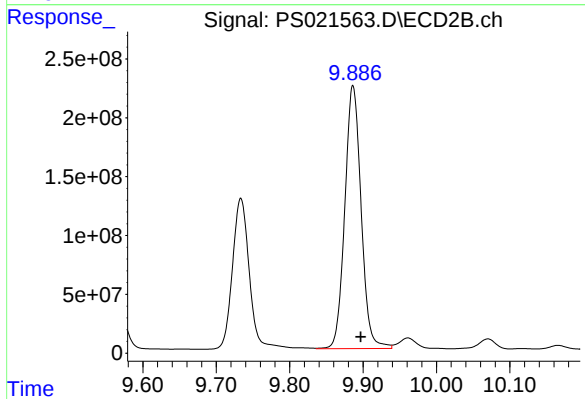
#13 2,4-DB

R.T.: 9.561 min
Delta R.T.: -0.010 min
Response: 927722728
Conc: 645.37 ng/ml



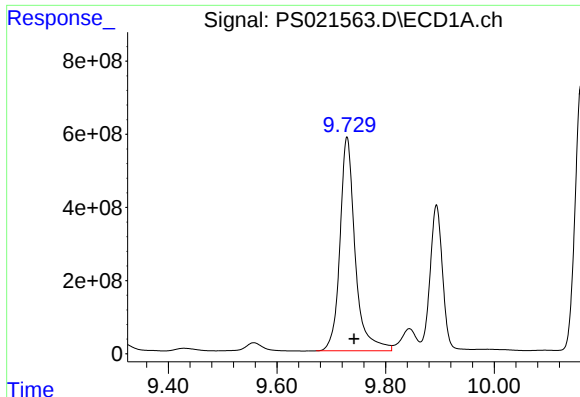
#14 DINOSEB

R.T.: 9.894 min
Delta R.T.: -0.007 min
Response: 6369097556
Conc: 399.75 ng/ml



#14 DINOSEB

R.T.: 9.886 min
Delta R.T.: -0.010 min
Response: 3448210441
Conc: 435.98 ng/ml



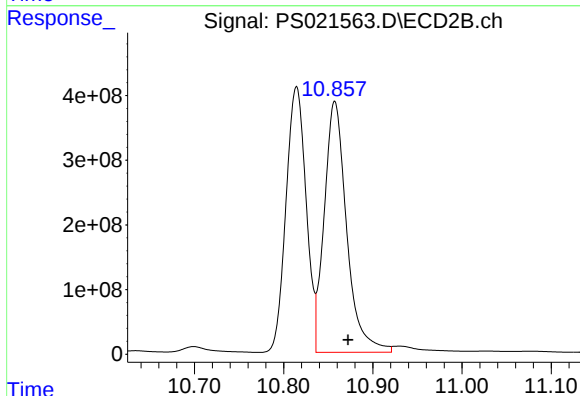
#15 Picloram

R.T.: 9.729 min
Delta R.T.: -0.013 min
Response: 11381551317
Conc: 397.40 ng/ml

Instrument :
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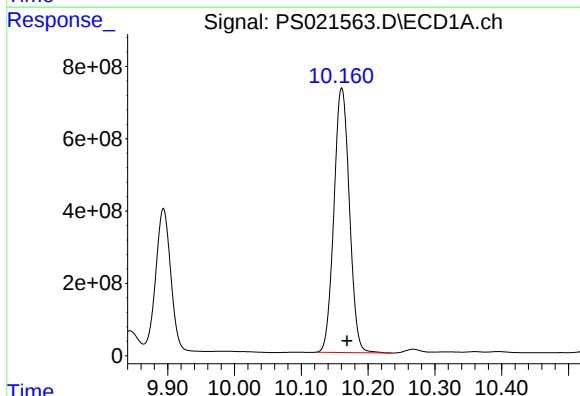
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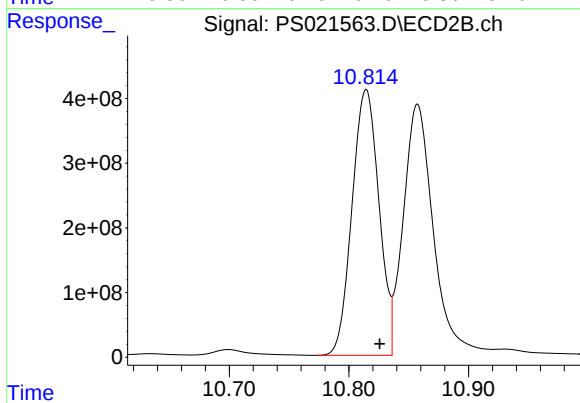
#15 Picloram

R.T.: 10.857 min
Delta R.T.: -0.015 min
Response: 6782828393
Conc: 417.11 ng/ml



#16 DCPA

R.T.: 10.161 min
Delta R.T.: -0.008 min
Response: 11772858427
Conc: 462.27 ng/ml



#16 DCPA

R.T.: 10.814 min
Delta R.T.: -0.011 min
Response: 6429425449
Conc: 473.86 ng/ml