

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS122623\
 Data File : PS025244.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Dec 2023 02:03
 Operator : AR\AJ
 Sample : 05967-13MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 COLTOMSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 12/28/2023
 Supervised By : Ankita Jodhani 12/28/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 27 04:42:59 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS112823.M
 Quant Title : 8080.M
 QLast Update : Tue Nov 28 16:40:06 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	6.353	6.765	1148.9E6	356.9E6	513.413	492.615
Target Compounds							
1) T	Dalapon	2.472	2.531	1068.1E6	426.7E6	370.378	372.010m
2) T	3,5-DICHL...	5.728	5.956	1654.8E6	521.5E6	489.586	458.788
3) T	4-Nitroph...	6.191	6.380	631.9E6	196.9E6	429.076	404.194m
5) T	DICAMBA	6.493	6.924	4256.0E6	1335.0E6	436.708	430.867m
6) T	MCPD	6.643	7.021	289.4E6	95067658	42.250	45.832
7) T	MCPA	6.765	7.226	400.6E6	149.1E6	42.083m	45.331
8) T	DICHLORPROP	7.080	7.537	1205.5E6	365.6E6	469.920	464.765
9) T	2,4-D	7.277	7.819	1441.7E6	478.7E6	474.655	491.465
10) T	Pentachlo...	7.505	8.242	18205.0E6	5523.7E6	519.202	487.292
11) T	2,4,5-TP ...	8.026	8.601	7273.7E6	2045.6E6	478.814	463.836
12) T	2,4,5-T	8.283	8.969	7008.0E6	2011.1E6	485.170	466.129
13) T	2,4-DB	8.788	9.473	1172.6E6	342.9E6	504.730	619.523
14) T	DINOSEB	9.838	9.799	4767.0E6	1476.3E6	439.038	481.519
15) T	Picloram	9.665	10.747	8878.0E6	2686.4E6	455.615	410.434
16) T	DCPA	10.103	10.720	9052.0E6	2481.5E6	482.441	457.850

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

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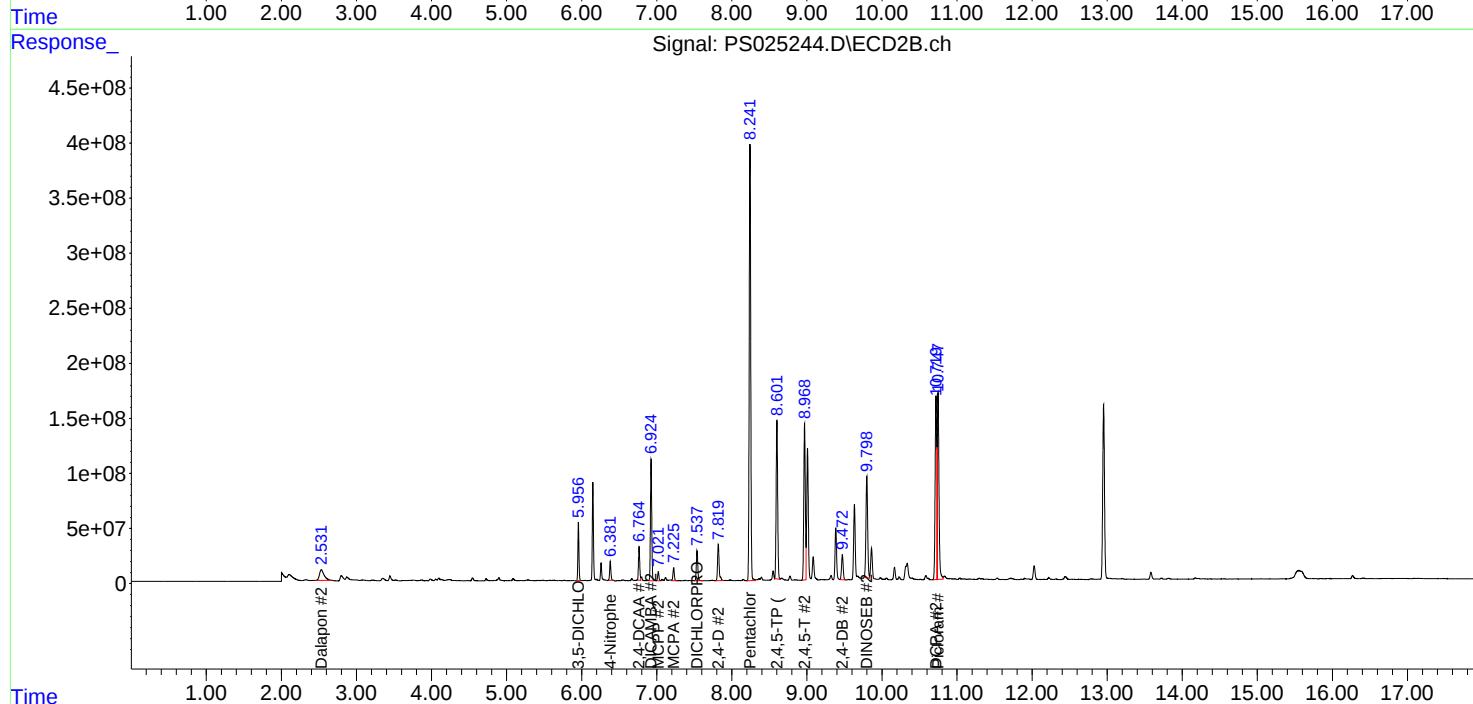
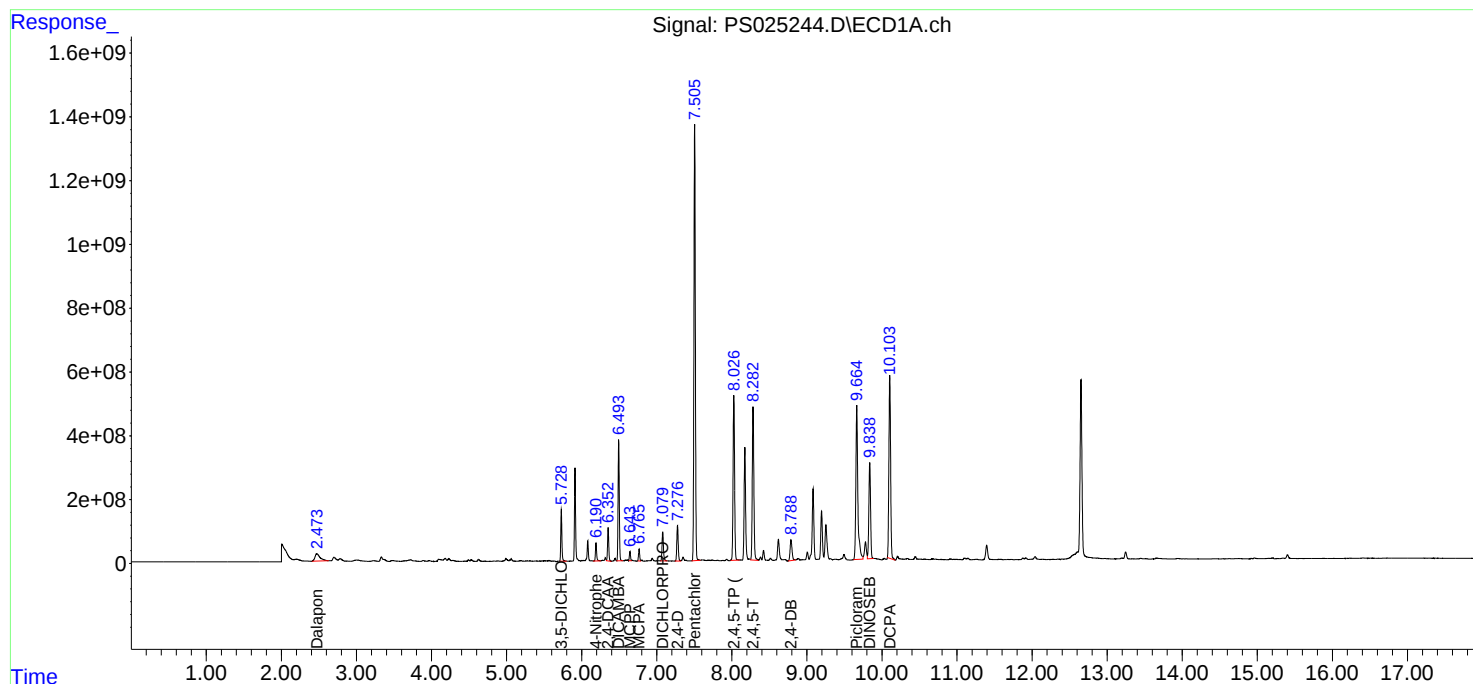
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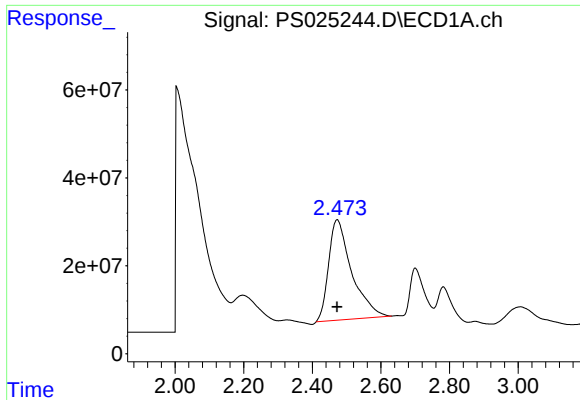
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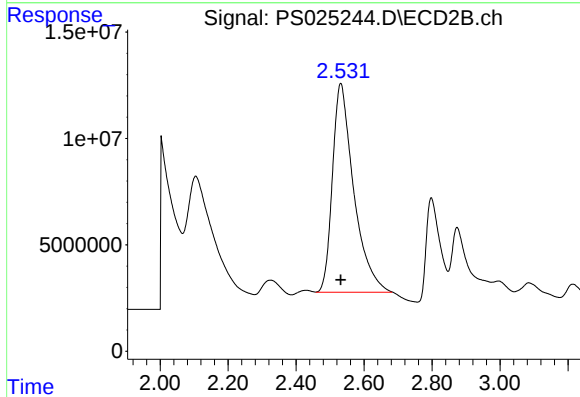
#1 Dalapon

R.T.: 2.472 min
Delta R.T.: 0.000 min
Response: 1068059636
Conc: 370.38 ng/ml

Instrument :
ECD_S
ClientSampleId :
COLTOMSD

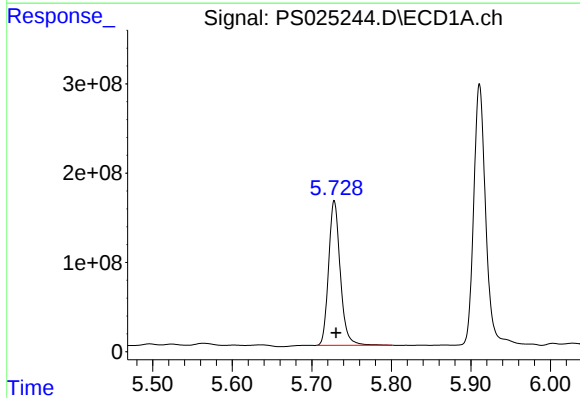
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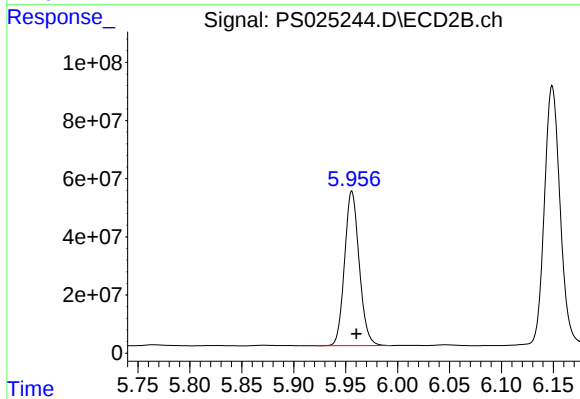
#1 Dalapon

R.T.: 2.531 min
Delta R.T.: 0.000 min
Response: 426714198
Conc: 372.01 ng/ml m



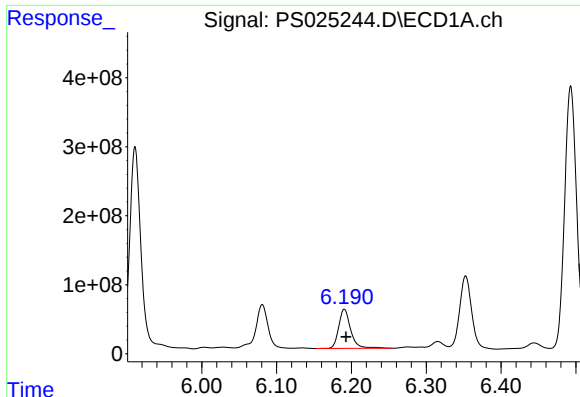
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.728 min
Delta R.T.: -0.002 min
Response: 1654785936
Conc: 489.59 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.956 min
Delta R.T.: -0.004 min
Response: 521534474
Conc: 458.79 ng/ml



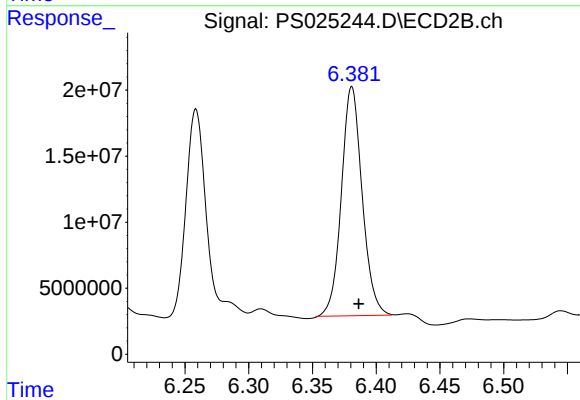
#3 4-Nitrophenol

R.T.: 6.191 min
Delta R.T.: -0.002 min
Response: 631871276
Conc: 429.08 ng/ml

Instrument :
ECD_S
ClientSampleId :
COLTOMSD

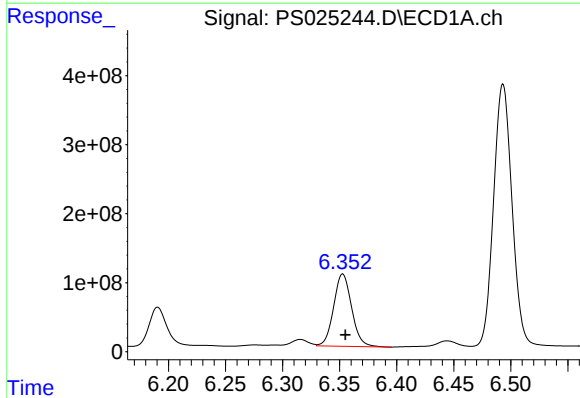
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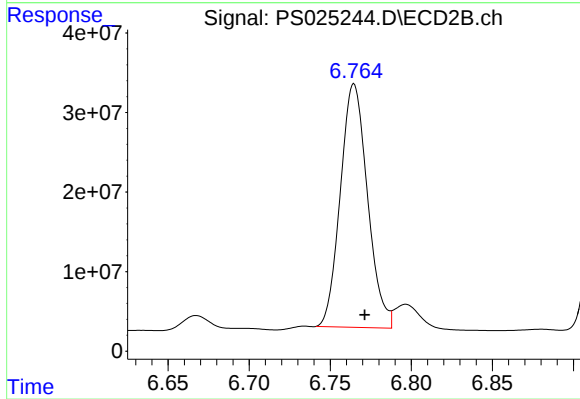
#3 4-Nitrophenol

R.T.: 6.380 min
Delta R.T.: -0.006 min
Response: 196857486
Conc: 404.19 ng/ml m



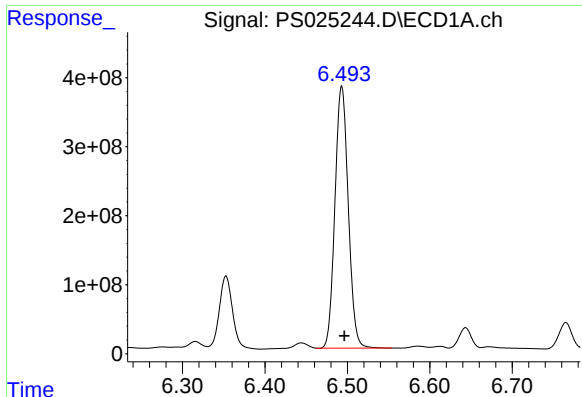
#4 2,4-DCAA

R.T.: 6.353 min
Delta R.T.: -0.002 min
Response: 1148939175
Conc: 513.41 ng/ml



#4 2,4-DCAA

R.T.: 6.765 min
Delta R.T.: -0.007 min
Response: 356926370
Conc: 492.61 ng/ml



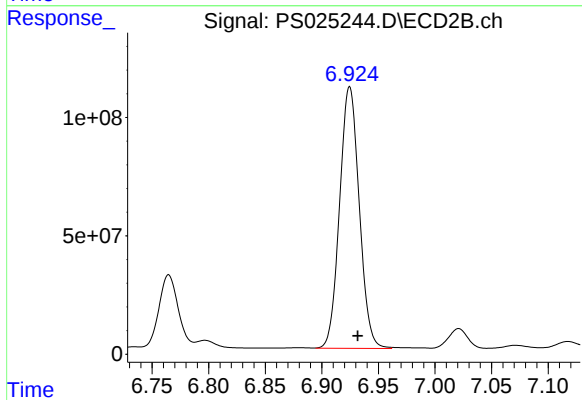
#5 DICAMBA

R.T.: 6.493 min
Delta R.T.: -0.003 min
Response: 4255977864
Conc: 436.71 ng/ml

Instrument :
ECD_S
ClientSampleId :
COLTOMSD

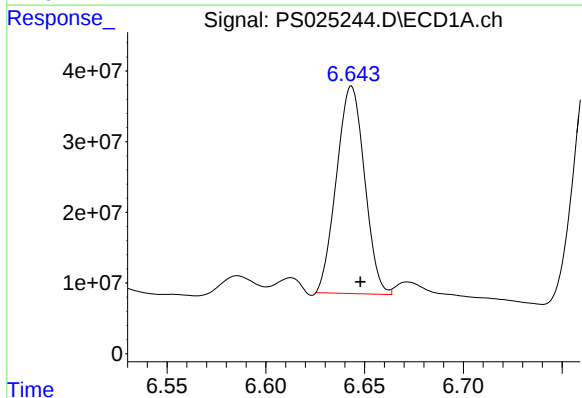
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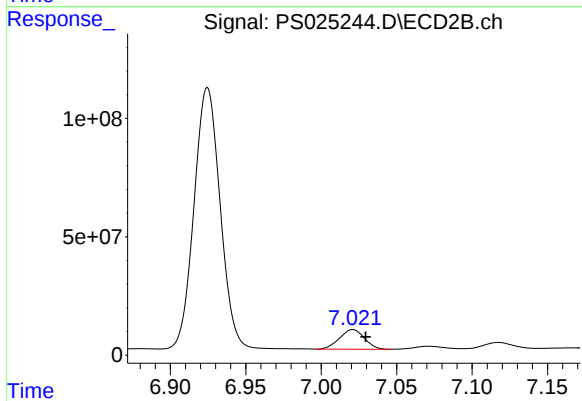
#5 DICAMBA

R.T.: 6.924 min
Delta R.T.: -0.008 min
Response: 1334950919
Conc: 430.87 ng/ml m



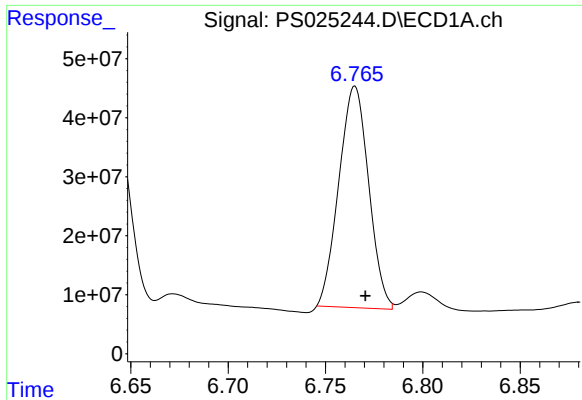
#6 MCP

R.T.: 6.643 min
Delta R.T.: -0.005 min
Response: 289382538
Conc: 42.25 ug/ml



#6 MCP

R.T.: 7.021 min
Delta R.T.: -0.009 min
Response: 95067658
Conc: 45.83 ug/ml



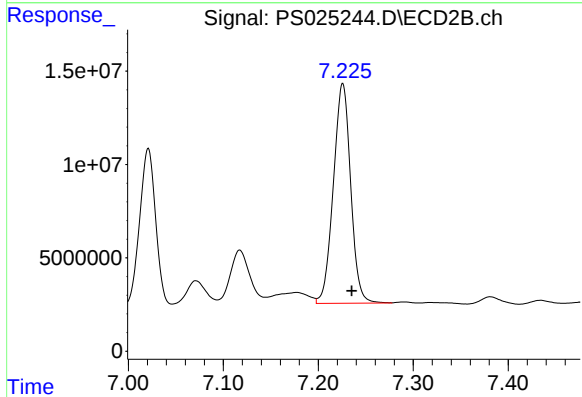
#7 MCPA

R.T.: 6.765 min
Delta R.T.: -0.006 min
Response: 400625101
Conc: 42.08 ug/ml

Instrument :
ECD_S
ClientSampleId :
COLTOMSD

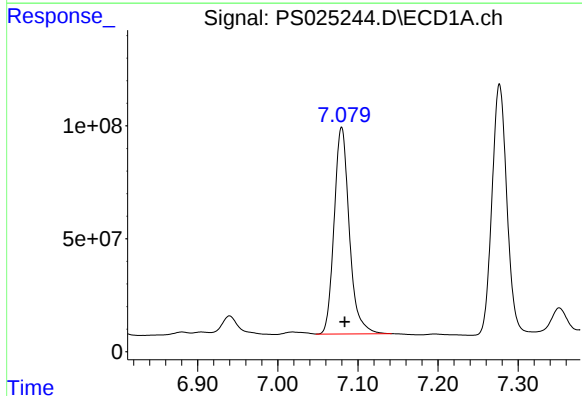
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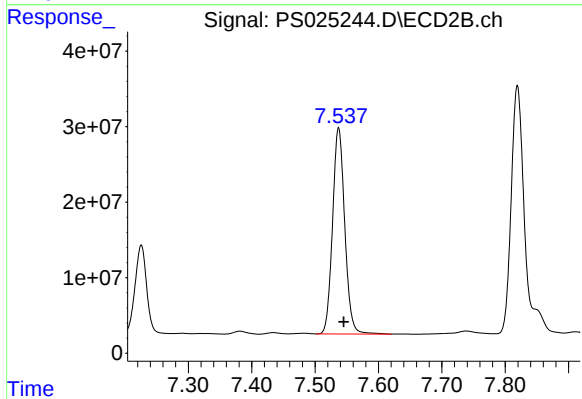
#7 MCPA

R.T.: 7.226 min
Delta R.T.: -0.010 min
Response: 149105175
Conc: 45.33 ug/ml



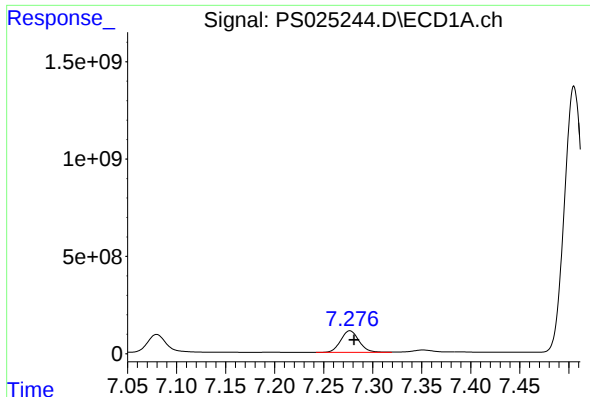
#8 DICHLORPROP

R.T.: 7.080 min
Delta R.T.: -0.004 min
Response: 1205484031
Conc: 469.92 ng/ml



#8 DICHLORPROP

R.T.: 7.537 min
Delta R.T.: -0.008 min
Response: 365609896
Conc: 464.77 ng/ml



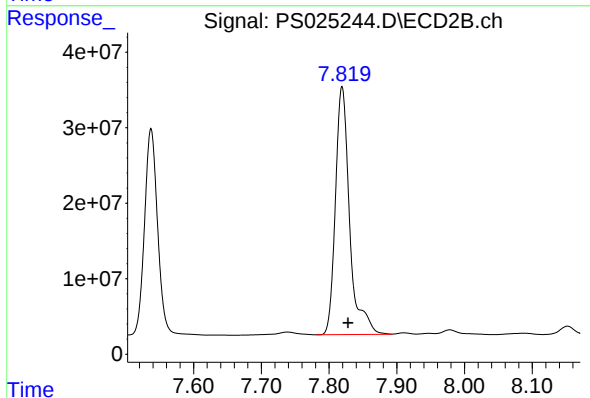
#9 2,4-D

R.T.: 7.277 min
Delta R.T.: -0.004 min
Response: 1441688778
Conc: 474.66 ng/ml

Instrument :
ECD_S
ClientSampleId :
COLTOMSD

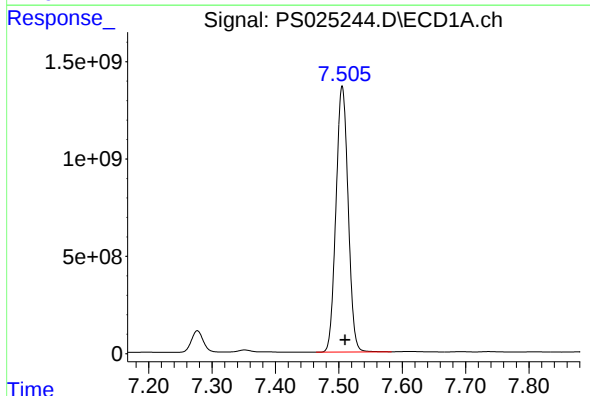
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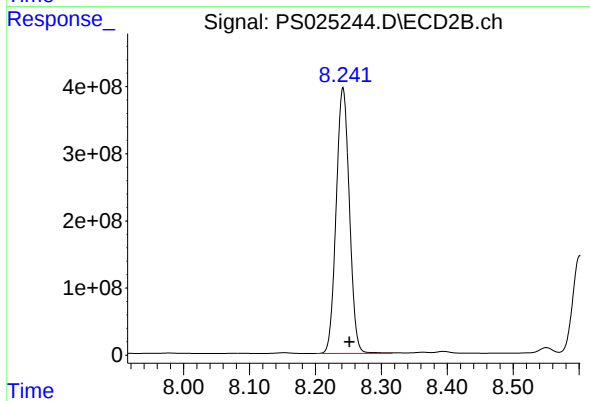
#9 2,4-D

R.T.: 7.819 min
Delta R.T.: -0.009 min
Response: 478711864
Conc: 491.47 ng/ml



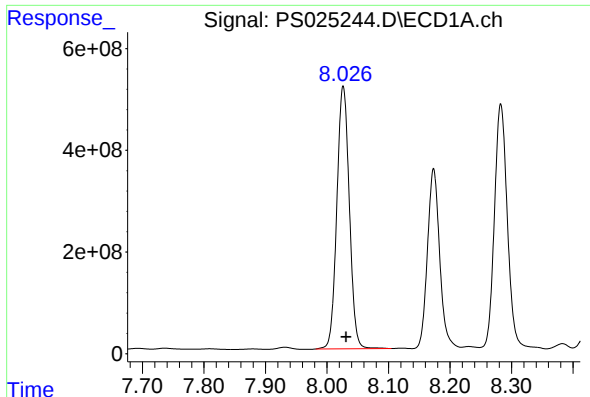
#10 Pentachlorophenol

R.T.: 7.505 min
Delta R.T.: -0.004 min
Response: 18205044124
Conc: 519.20 ng/ml



#10 Pentachlorophenol

R.T.: 8.242 min
Delta R.T.: -0.010 min
Response: 5523701069
Conc: 487.29 ng/ml



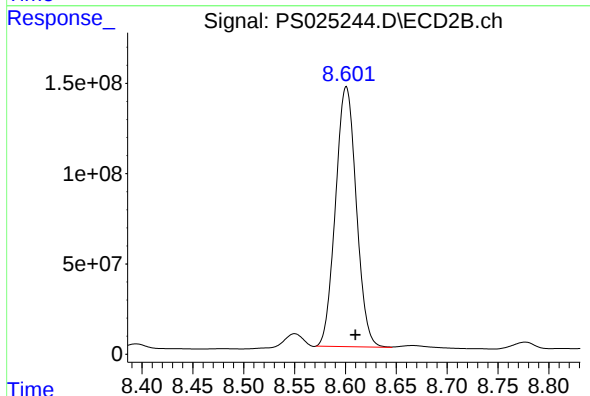
#11 2,4,5-TP (SILVEX)

R.T.: 8.026 min
Delta R.T.: -0.005 min
Response: 7273716757
Conc: 478.81 ng/ml

Instrument :
ECD_S
ClientSampleId :
COLTOMSD

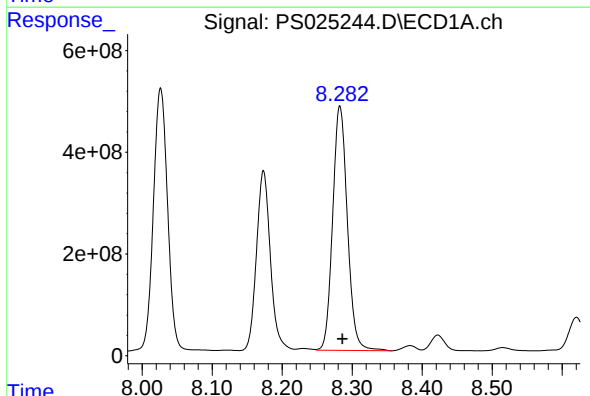
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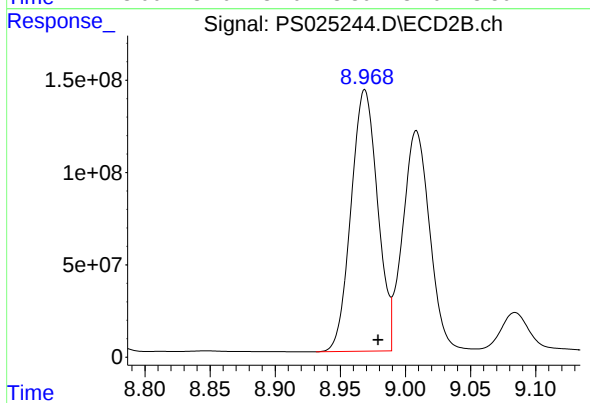
#11 2,4,5-TP (SILVEX)

R.T.: 8.601 min
Delta R.T.: -0.009 min
Response: 2045563069
Conc: 463.84 ng/ml



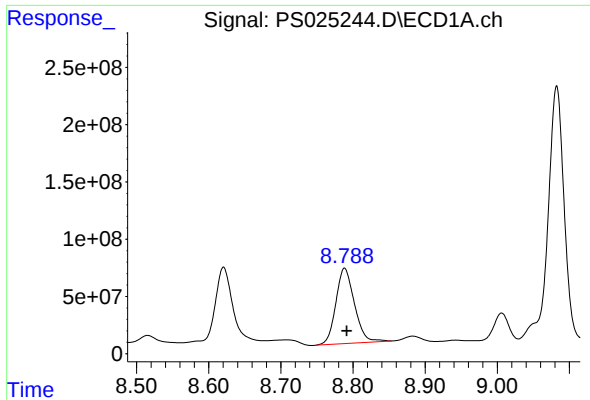
#12 2,4,5-T

R.T.: 8.283 min
Delta R.T.: -0.004 min
Response: 7007973656
Conc: 485.17 ng/ml



#12 2,4,5-T

R.T.: 8.969 min
Delta R.T.: -0.010 min
Response: 2011145257
Conc: 466.13 ng/ml



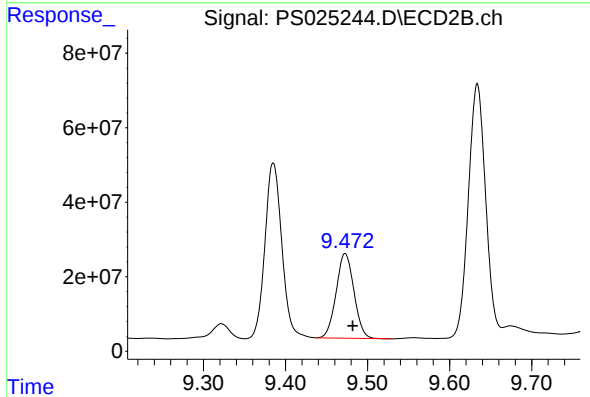
#13 2,4-DB

R.T.: 8.788 min
Delta R.T.: -0.003 min
Response: 1172635436
Conc: 504.73 ng/ml

Instrument :
ECD_S
ClientSampleId :
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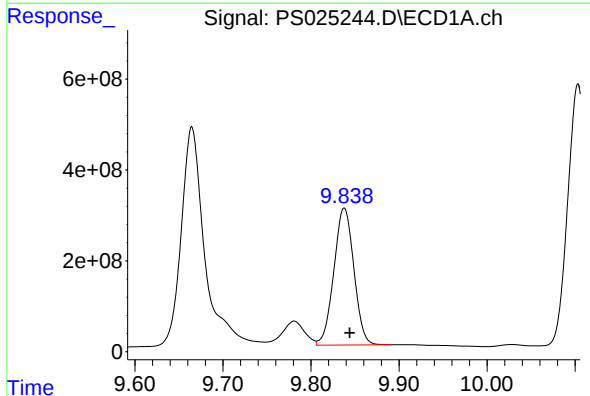
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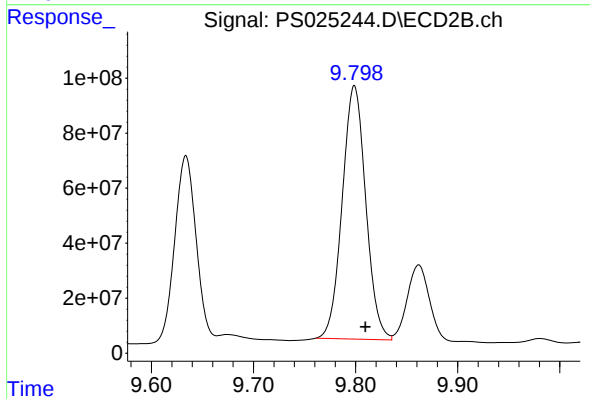
#13 2,4-DB

R.T.: 9.473 min
Delta R.T.: -0.009 min
Response: 342885976
Conc: 619.52 ng/ml



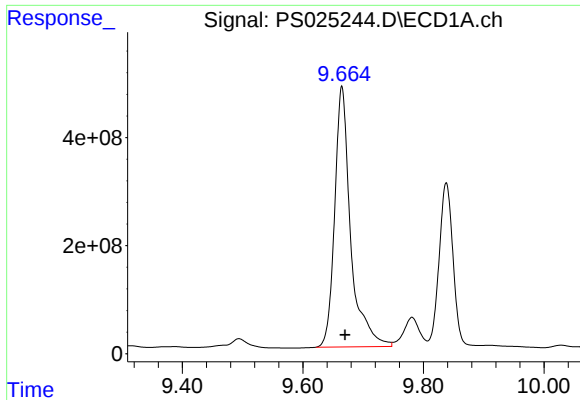
#14 DINOSEB

R.T.: 9.838 min
Delta R.T.: -0.006 min
Response: 4766988490
Conc: 439.04 ng/ml



#14 DINOSEB

R.T.: 9.799 min
Delta R.T.: -0.011 min
Response: 1476302847
Conc: 481.52 ng/ml



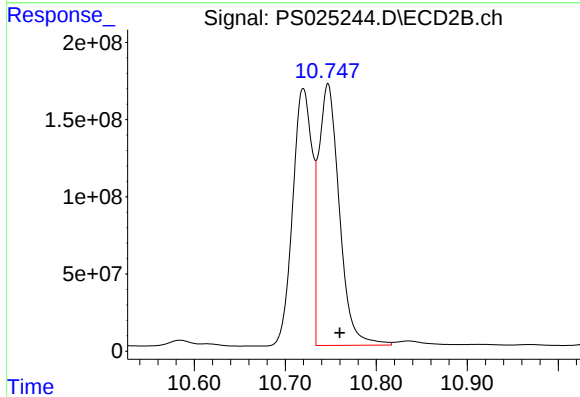
#15 Picloram

R.T.: 9.665 min
Delta R.T.: -0.005 min
Response: 8878027188
Conc: 455.61 ng/ml

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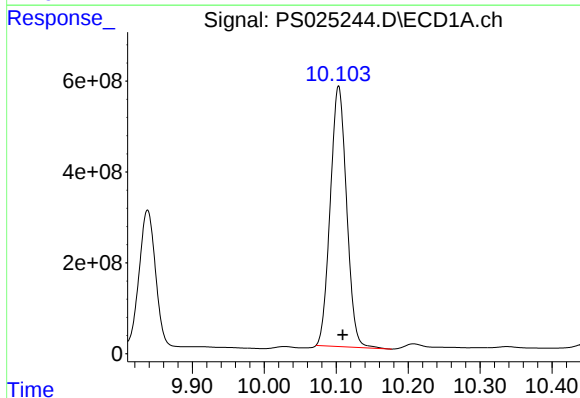
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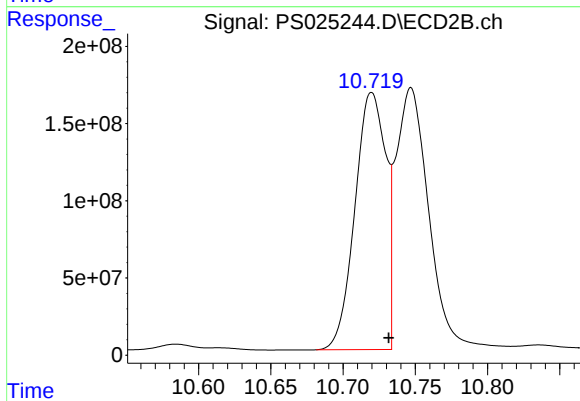
#15 Picloram

R.T.: 10.747 min
Delta R.T.: -0.013 min
Response: 2686401050
Conc: 410.43 ng/ml



#16 DCPA

R.T.: 10.103 min
Delta R.T.: -0.006 min
Response: 9052037441
Conc: 482.44 ng/ml



#16 DCPA

R.T.: 10.720 min
Delta R.T.: -0.012 min
Response: 2481519762
Conc: 457.85 ng/ml