

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS042825\
 Data File : PS029965.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Apr 2025 19:05
 Operator : AR\AJ
 Sample : Q1869-01MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 MH-FMSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/29/2025
 Supervised By : mohammad ahmed 05/02/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 29 01:37:45 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS042325.M
 Quant Title : 8080.M
 QLast Update : Wed Apr 23 12:57:40 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 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	6.938	7.464	855.8E6	249.9E6	347.753m	354.677m
Target Compounds							
1) T	Dalapon	2.446	2.522	1445.9E6	772.6E6	353.055	445.011 #
2) T	3,5-DICHL...	6.143	6.461	858.7E6	265.6E6	240.266	271.742
3) T	4-Nitroph...	6.730	6.997	299.6E6	159.8E6	167.995	208.673m
5) T	DICAMBA	7.116	7.649	2720.7E6	1161.9E6	274.740m	294.138
6) T	MCP	7.293	7.755	102.9E6	20181286	15.964	11.539 #
7) T	MCPA	7.435	7.984	186.9E6	57345007	21.163	24.239
8) T	DICHLORPROP	7.797	8.344	718.3E6	359.9E6	283.442	358.520 #
9) T	2,4-D	8.017	8.655	1052.5E6	467.3E6	374.175	414.640
10) T	Pentachlo...	8.295	9.157	7129.3E6	4446.4E6	204.367	218.550
11) T	2,4,5-TP ...	8.859	9.536	2618.5E6	2011.6E6	188.889	245.870 #
12) T	2,4,5-T	9.141	9.940	2990.0E6	1934.8E6	212.765	249.252
13) T	2,4-DB	9.701	10.498	363.2E6	204.2E6	158.904m	253.747 #
15) T	Picloram	10.681	11.909	5774.7E6	3739.0E6	315.031	304.387m
16) T	DCPA	11.164	11.900	6524.1E6	5198.2E6	383.298	461.177m

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

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Acq On : 28 Apr 2025 19:05
Operator : AR\AJ
Sample : Q1869-01MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

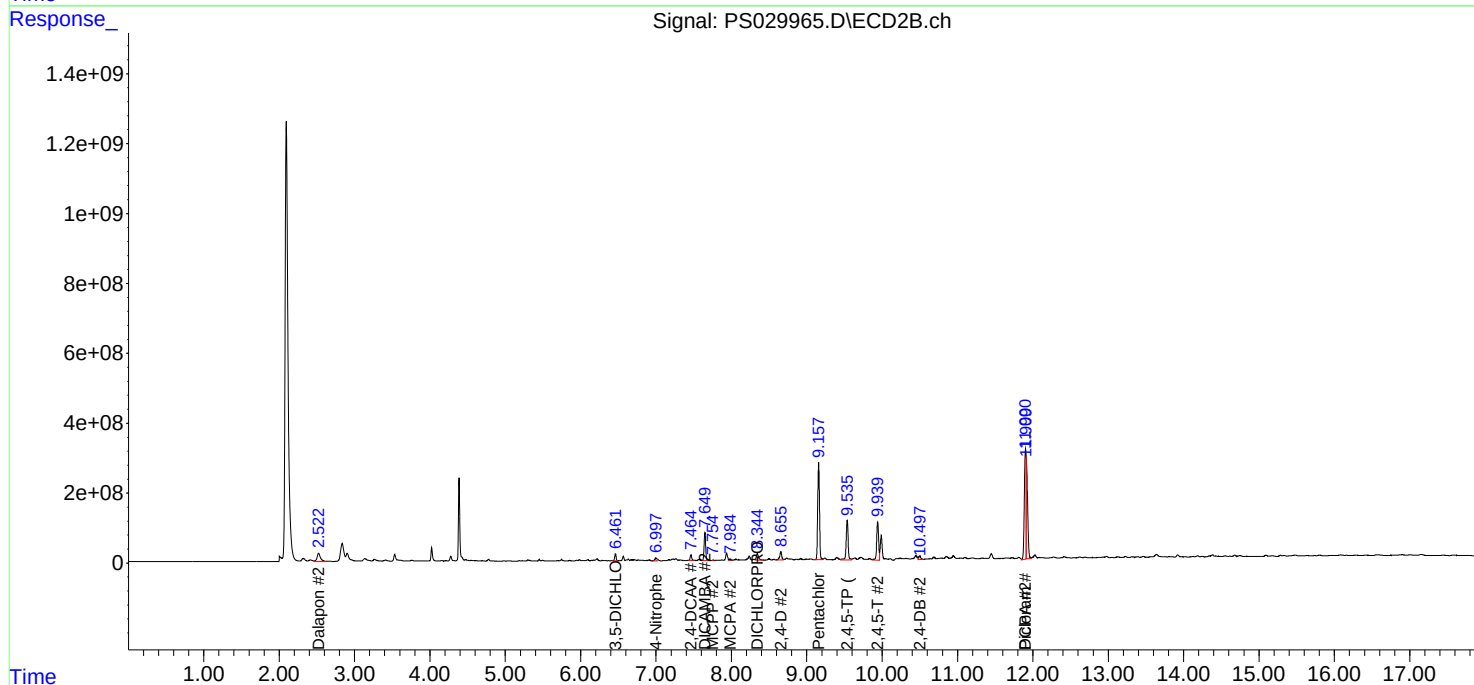
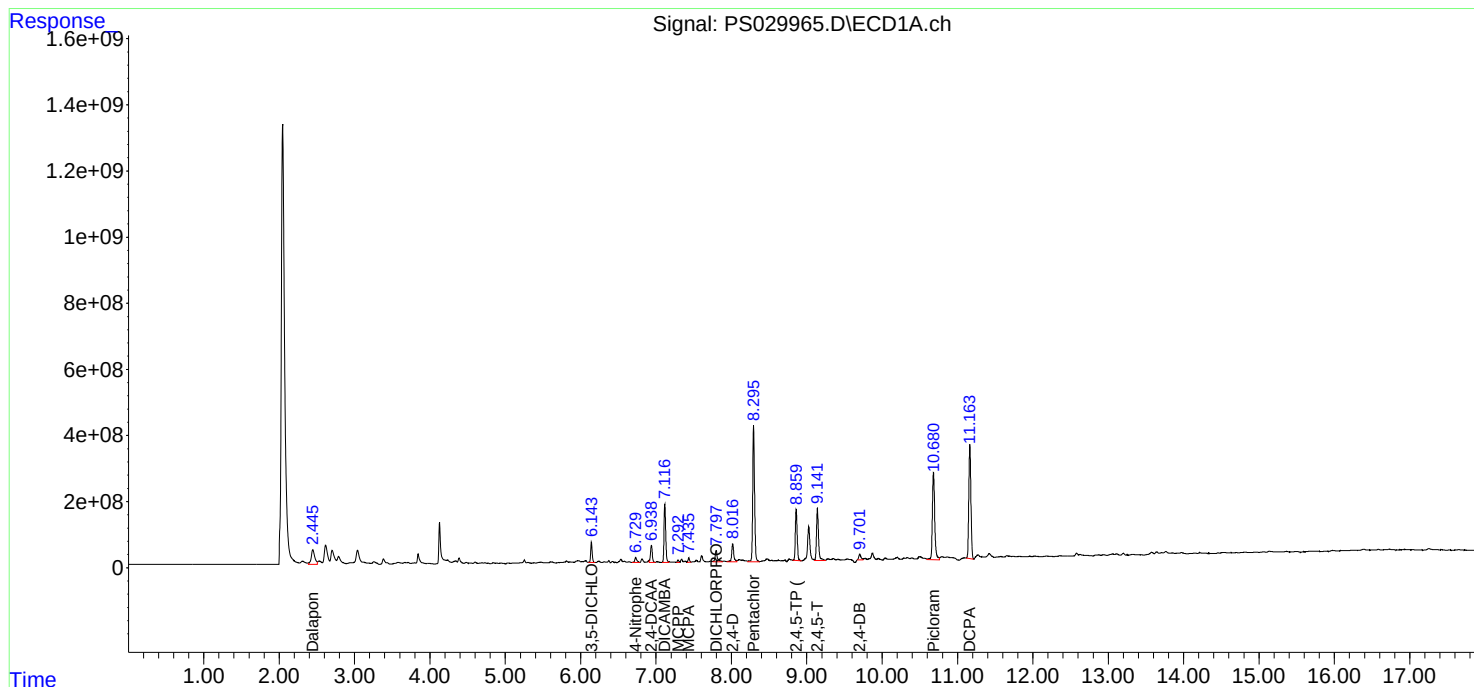
Instrument :
ECD_S
ClientSampleId :
MH-FMSD

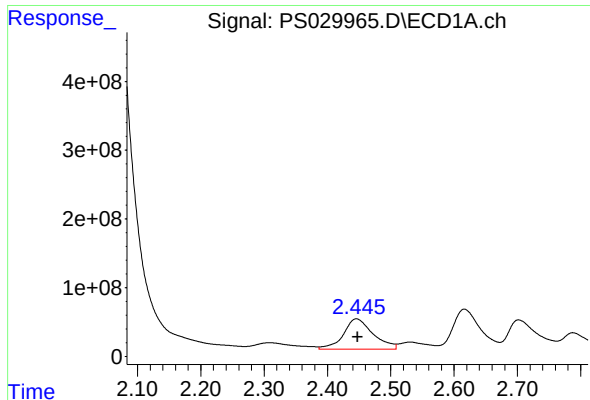
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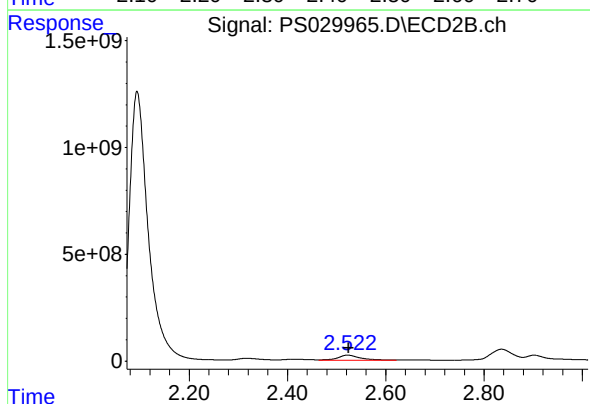
#1 Dalapon

R.T.: 2.446 min
Delta R.T.: -0.002 min
Response: 1445852571
Conc: 353.06 ng/ml

Instrument :
ECD_S
ClientSampleId :
MH-FMSD

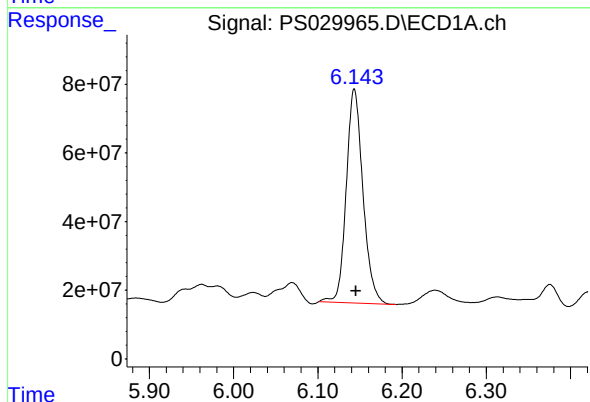
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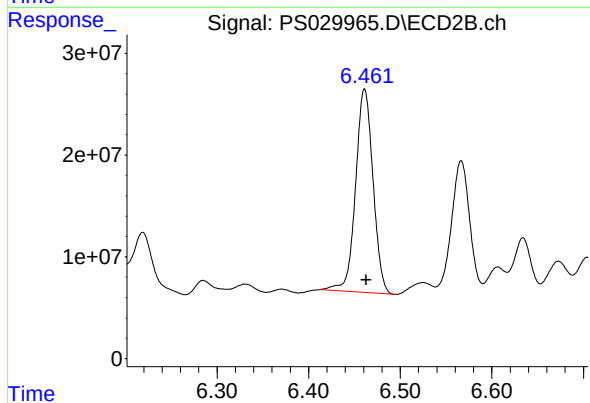
#1 Dalapon

R.T.: 2.522 min
Delta R.T.: -0.002 min
Response: 772603121
Conc: 445.01 ng/ml



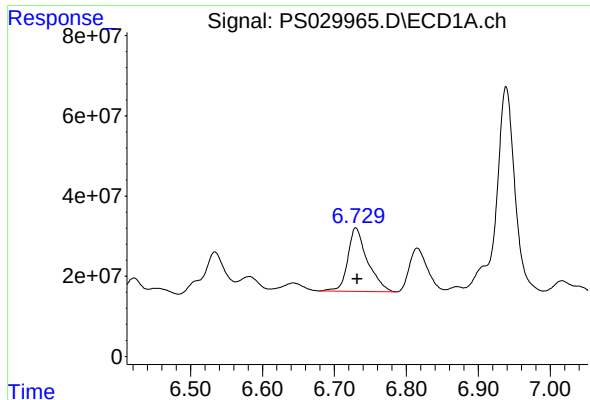
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.143 min
Delta R.T.: -0.002 min
Response: 858660796
Conc: 240.27 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.461 min
Delta R.T.: -0.002 min
Response: 265649657
Conc: 271.74 ng/ml



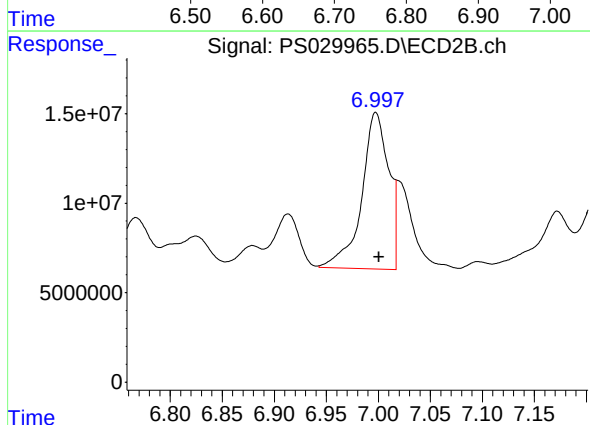
#3 4-Nitrophenol

R.T.: 6.730 min
Delta R.T.: -0.001 min
Response: 299589519
Conc: 168.00 ng/ml

Instrument :
ECD_S
ClientSampleId :
MH-FMSD

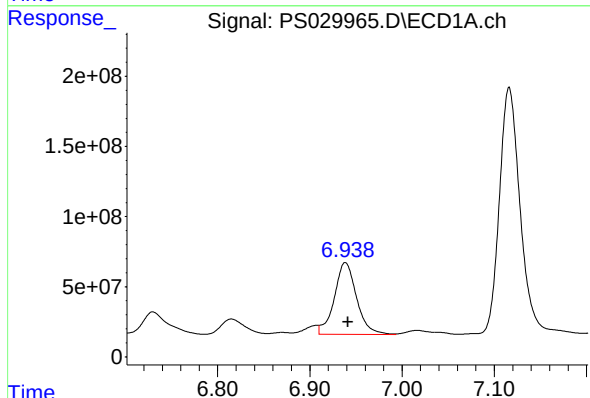
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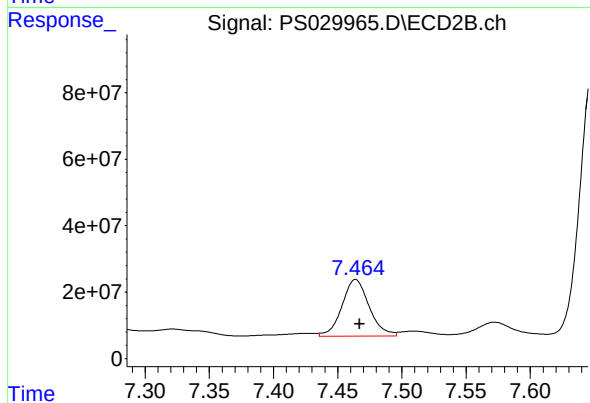
#3 4-Nitrophenol

R.T.: 6.997 min
Delta R.T.: -0.003 min
Response: 159827043
Conc: 208.67 ng/ml



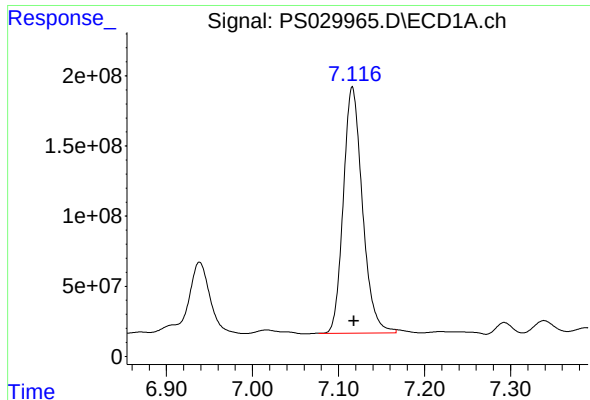
#4 2,4-DCAA

R.T.: 6.938 min
Delta R.T.: -0.003 min
Response: 855846853
Conc: 347.75 ng/ml



#4 2,4-DCAA

R.T.: 7.464 min
Delta R.T.: -0.003 min
Response: 249875872
Conc: 354.68 ng/ml



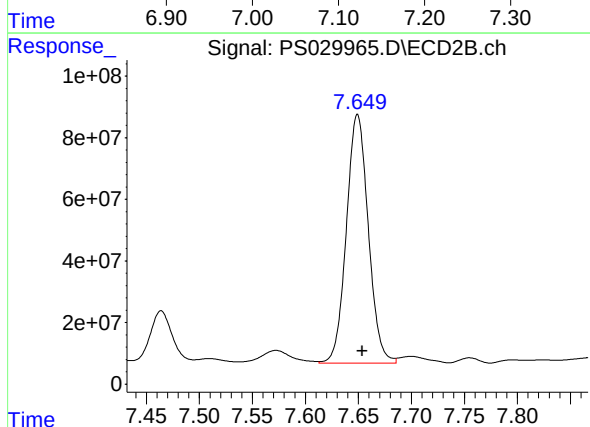
#5 DICAMBA

R.T.: 7.116 min
Delta R.T.: -0.002 min
Response: 2720715431
Conc: 274.74 ng/ml

Instrument :
ECD_S
ClientSampleId :
MH-FMSD

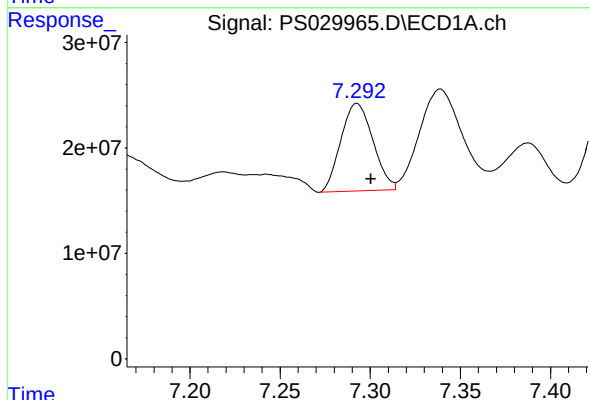
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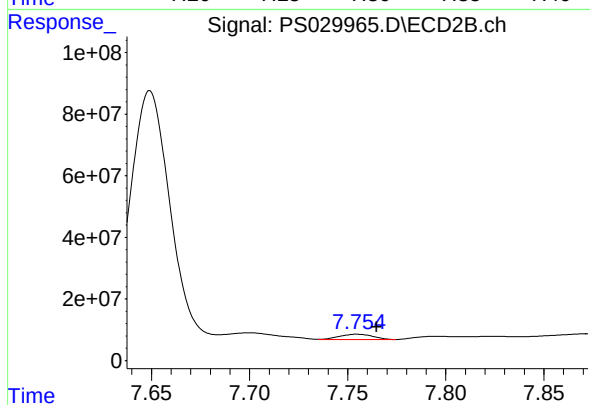
#5 DICAMBA

R.T.: 7.649 min
Delta R.T.: -0.004 min
Response: 1161865647
Conc: 294.14 ng/ml



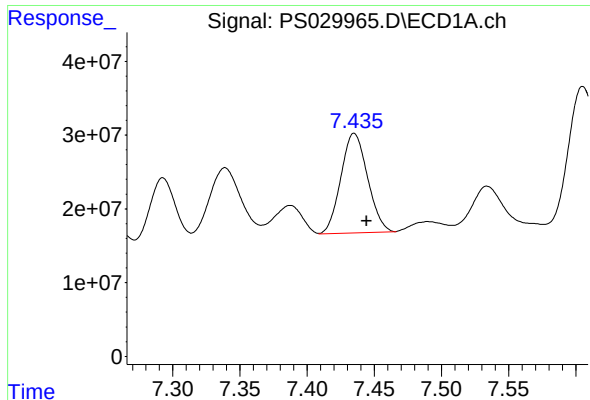
#6 MCPP

R.T.: 7.293 min
Delta R.T.: -0.008 min
Response: 102866649
Conc: 15.96 ug/ml



#6 MCPP

R.T.: 7.755 min
Delta R.T.: -0.010 min
Response: 20181286
Conc: 11.54 ug/ml



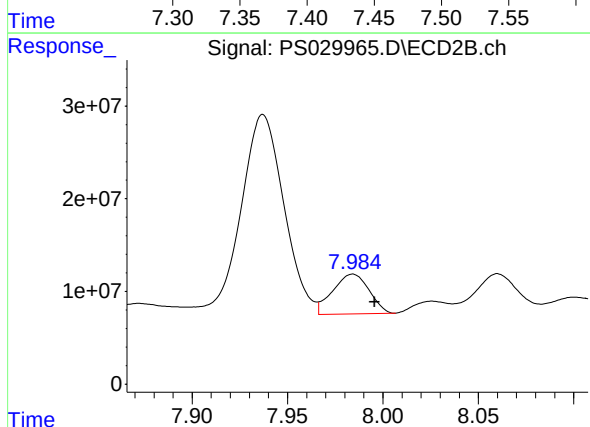
#7 MCPA

R.T.: 7.435 min
Delta R.T.: -0.009 min
Response: 186896613
Conc: 21.16 ug/ml

Instrument :
ECD_S
ClientSampleId :
MH-FMSD

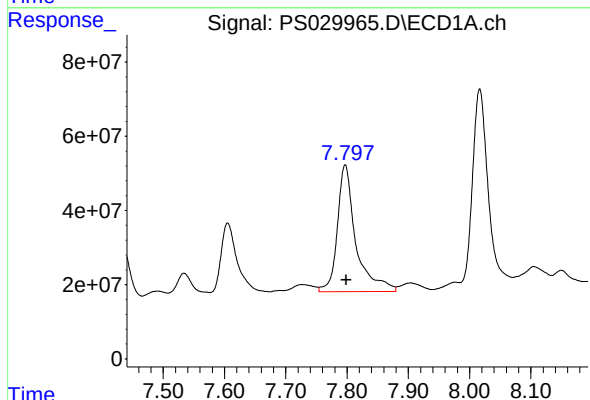
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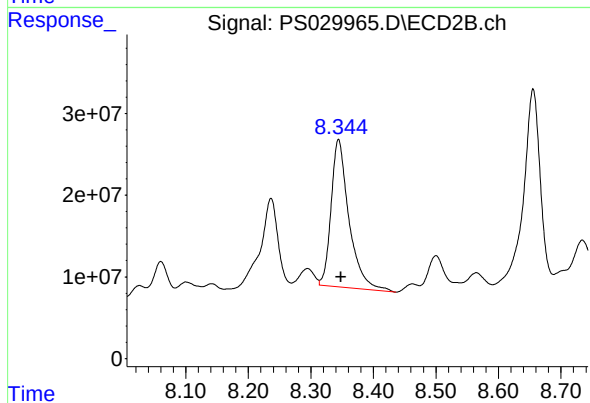
#7 MCPA

R.T.: 7.984 min
Delta R.T.: -0.012 min
Response: 57345007
Conc: 24.24 ug/ml



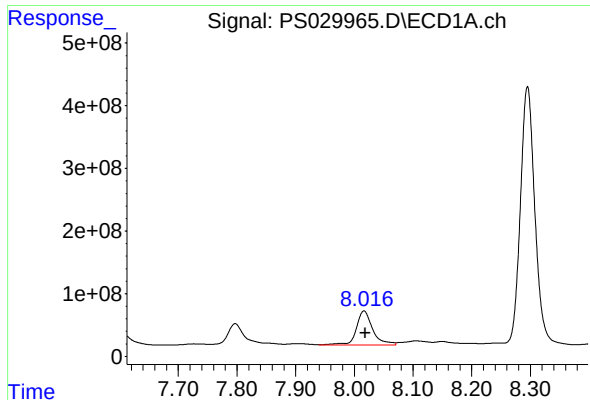
#8 DICHLORPROP

R.T.: 7.797 min
Delta R.T.: -0.002 min
Response: 718273611
Conc: 283.44 ng/ml



#8 DICHLORPROP

R.T.: 8.344 min
Delta R.T.: -0.003 min
Response: 359941003
Conc: 358.52 ng/ml



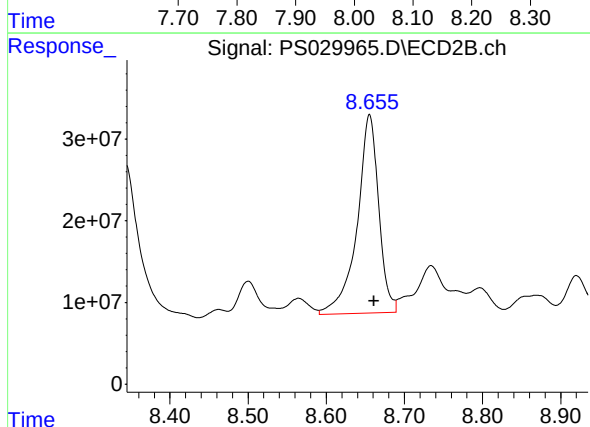
#9 2,4-D

R.T.: 8.017 min
Delta R.T.: -0.002 min
Response: 1052506058
Conc: 374.18 ng/ml

Instrument :
ECD_S
ClientSampleId :
MH-FMSD

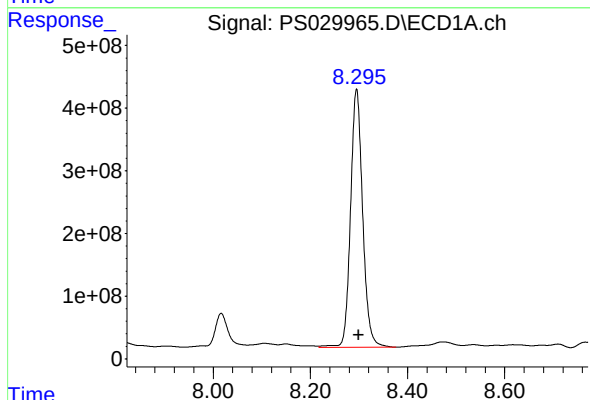
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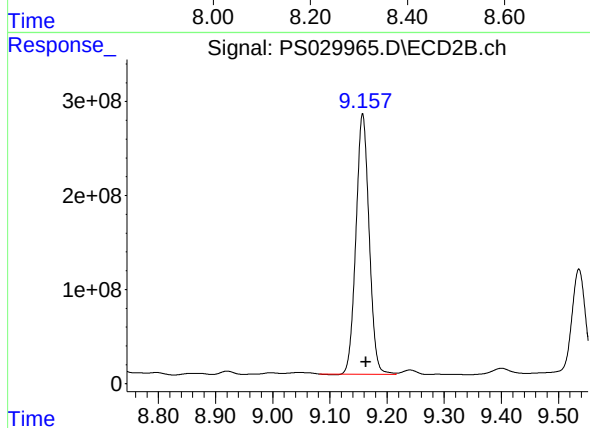
#9 2,4-D

R.T.: 8.655 min
Delta R.T.: -0.006 min
Response: 467343656
Conc: 414.64 ng/ml



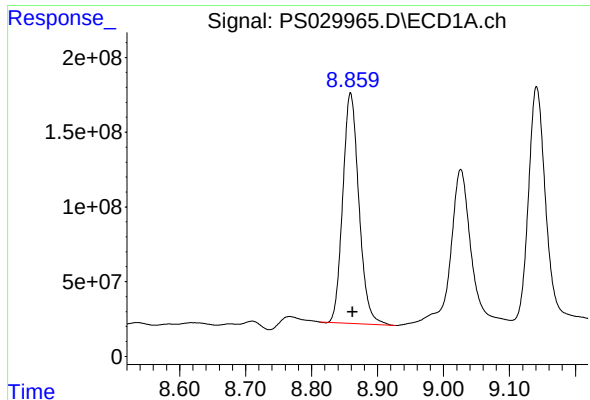
#10 Pentachlorophenol

R.T.: 8.295 min
Delta R.T.: -0.004 min
Response: 7129336406
Conc: 204.37 ng/ml



#10 Pentachlorophenol

R.T.: 9.157 min
Delta R.T.: -0.006 min
Response: 4446361397
Conc: 218.55 ng/ml



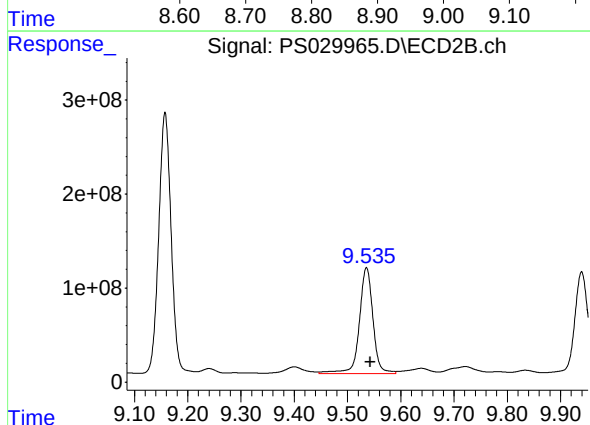
#11 2,4,5-TP (SILVEX)

R.T.: 8.859 min
Delta R.T.: -0.003 min
Response: 2618535118
Conc: 188.89 ng/ml

Instrument :
ECD_S
ClientSampleId :
MH-FMSD

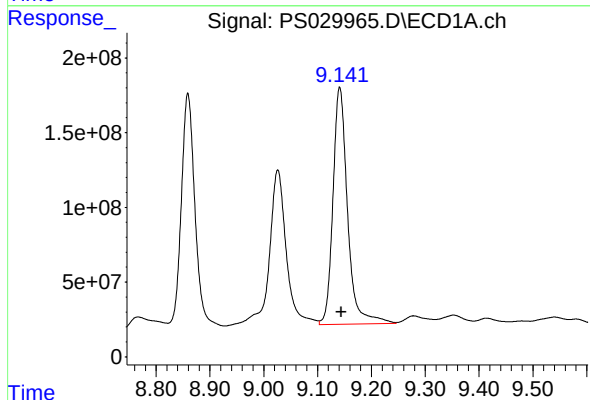
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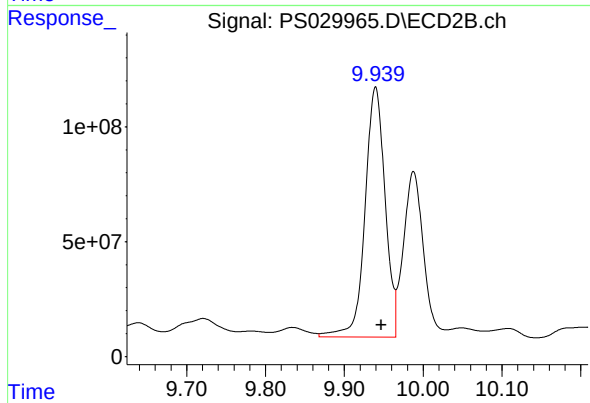
#11 2,4,5-TP (SILVEX)

R.T.: 9.536 min
Delta R.T.: -0.007 min
Response: 2011645255
Conc: 245.87 ng/ml



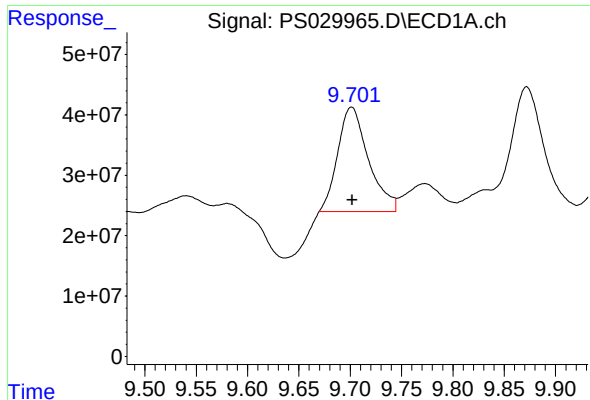
#12 2,4,5-T

R.T.: 9.141 min
Delta R.T.: -0.003 min
Response: 2990007273
Conc: 212.76 ng/ml



#12 2,4,5-T

R.T.: 9.940 min
Delta R.T.: -0.008 min
Response: 1934840982
Conc: 249.25 ng/ml



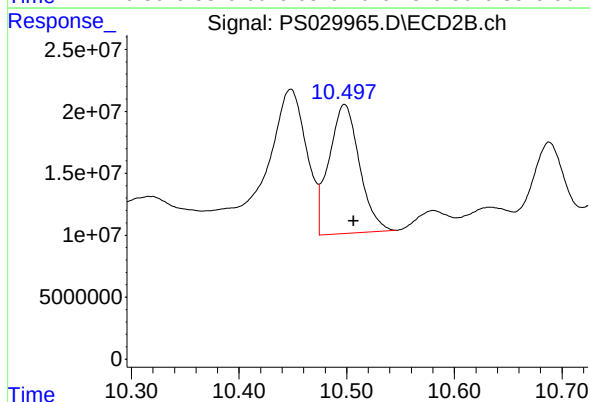
#13 2,4-DB

R.T.: 9.701 min
Delta R.T.: 0.000 min
Response: 363151362
Conc: 158.90 ng/ml

Instrument :
ECD_S
ClientSampleId :
MH-FMSD

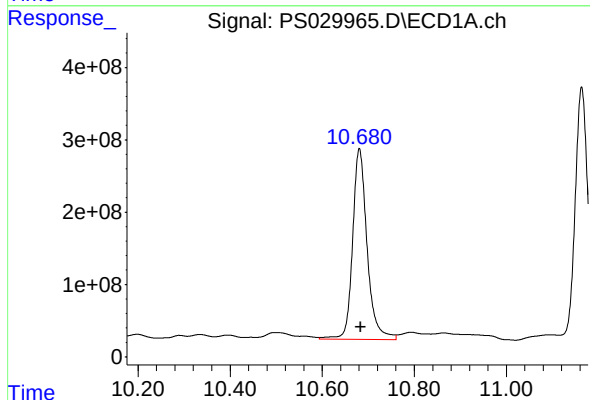
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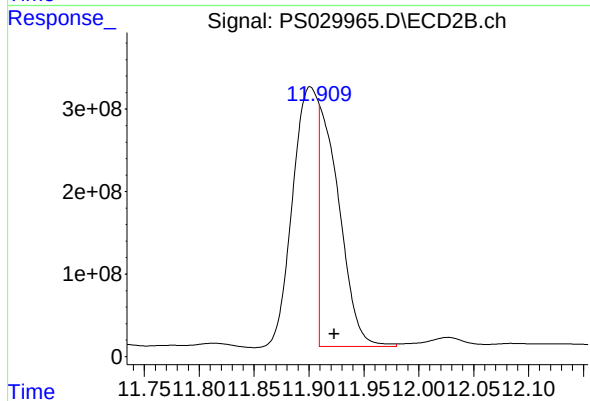
#13 2,4-DB

R.T.: 10.498 min
Delta R.T.: -0.009 min
Response: 204226304
Conc: 253.75 ng/ml



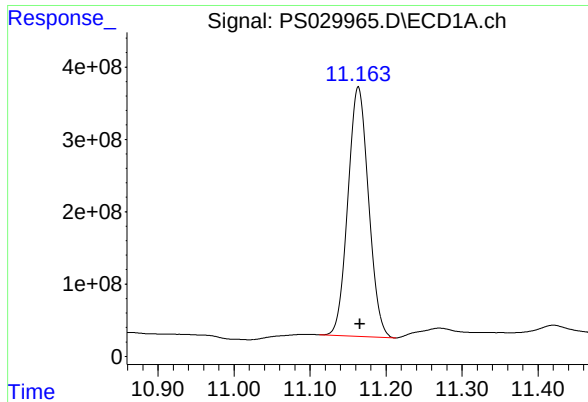
#15 Picloram

R.T.: 10.681 min
Delta R.T.: -0.003 min
Response: 5774719392
Conc: 315.03 ng/ml



#15 Picloram

R.T.: 11.909 min
Delta R.T.: -0.014 min
Response: 3738980236
Conc: 304.39 ng/ml m



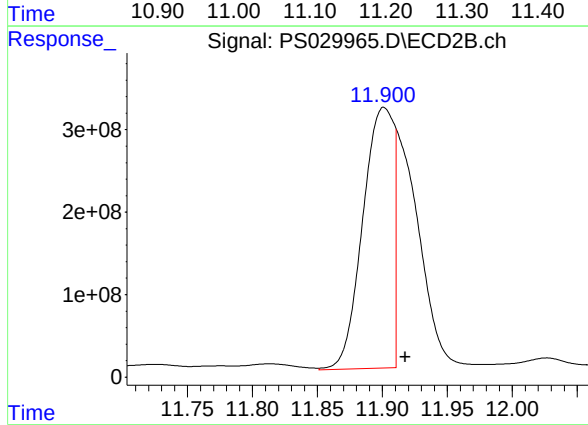
#16 DCPA

R.T.: 11.164 min
Delta R.T.: -0.002 min
Response: 6524120054
Conc: 383.30 ng/ml

Instrument :
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#16 DCPA

R.T.: 11.900 min
Delta R.T.: -0.017 min
Response: 5198227496
Conc: 461.18 ng/ml m