

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS042825\
 Data File : PS029964.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Apr 2025 18:41
 Operator : AR\AJ
 Sample : Q1869-01MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 MH-FMS

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 01:37:27 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	7.463	851.6E6	248.4E6	346.009m	352.619m
Target Compounds							
1) T	Dalapon	2.446	2.522	1427.9E6	755.4E6	348.674	435.111
2) T	3,5-DICHL...	6.144	6.461	850.2E6	259.8E6	237.894	265.729
3) T	4-Nitroph...	6.730	6.997	297.8E6	151.4E6	167.004	197.695m
5) T	DICAMBA	7.116	7.649	2702.0E6	1142.0E6	272.848	289.098
6) T	MCP	7.293	7.755	104.9E6	21378332	16.272	12.224
7) T	MCPA	7.436	7.984	188.0E6	56984739	21.288	24.087
8) T	DICHLORPROP	7.797	8.344	716.1E6	333.7E6	282.595	332.335
9) T	2,4-D	8.017	8.656	1044.0E6	456.6E6	371.169	405.133
10) T	Pentachlo...	8.295	9.157	7078.8E6	4364.4E6	202.918	214.519
11) T	2,4,5-TP ...	8.859	9.536	2595.5E6	1979.3E6	187.226	241.916 #
12) T	2,4,5-T	9.142	9.940	2985.9E6	1889.9E6	212.474	243.456
13) T	2,4-DB	9.701	10.498	392.9E6	197.4E6	171.926m	245.324 #
15) T	Picloram	10.681	11.910	5447.9E6	3663.7E6	297.205m	298.262m
16) T	DCPA	11.164	11.900	6508.1E6	5385.6E6	382.358	477.800m

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

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Data File : PS029964.D
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Acq On : 28 Apr 2025 18:41
Operator : AR\AJ
Sample : Q1869-01MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

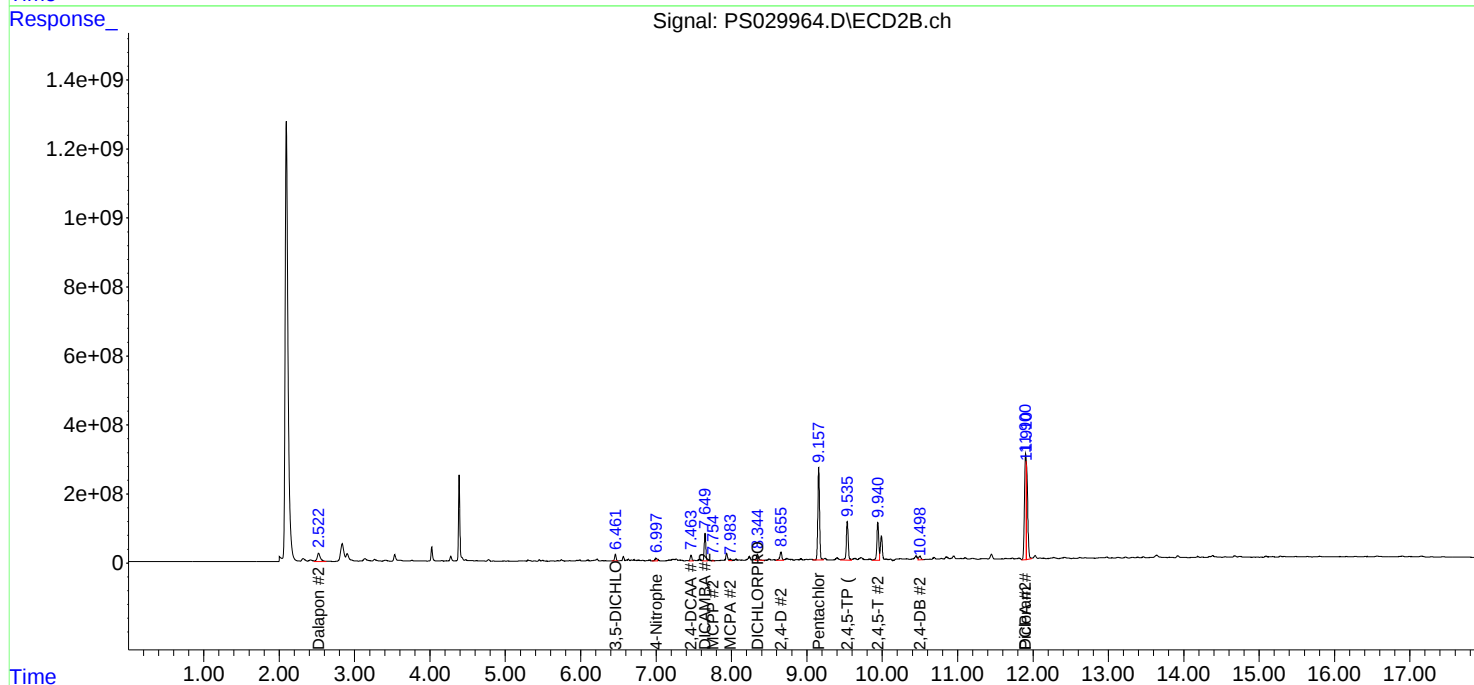
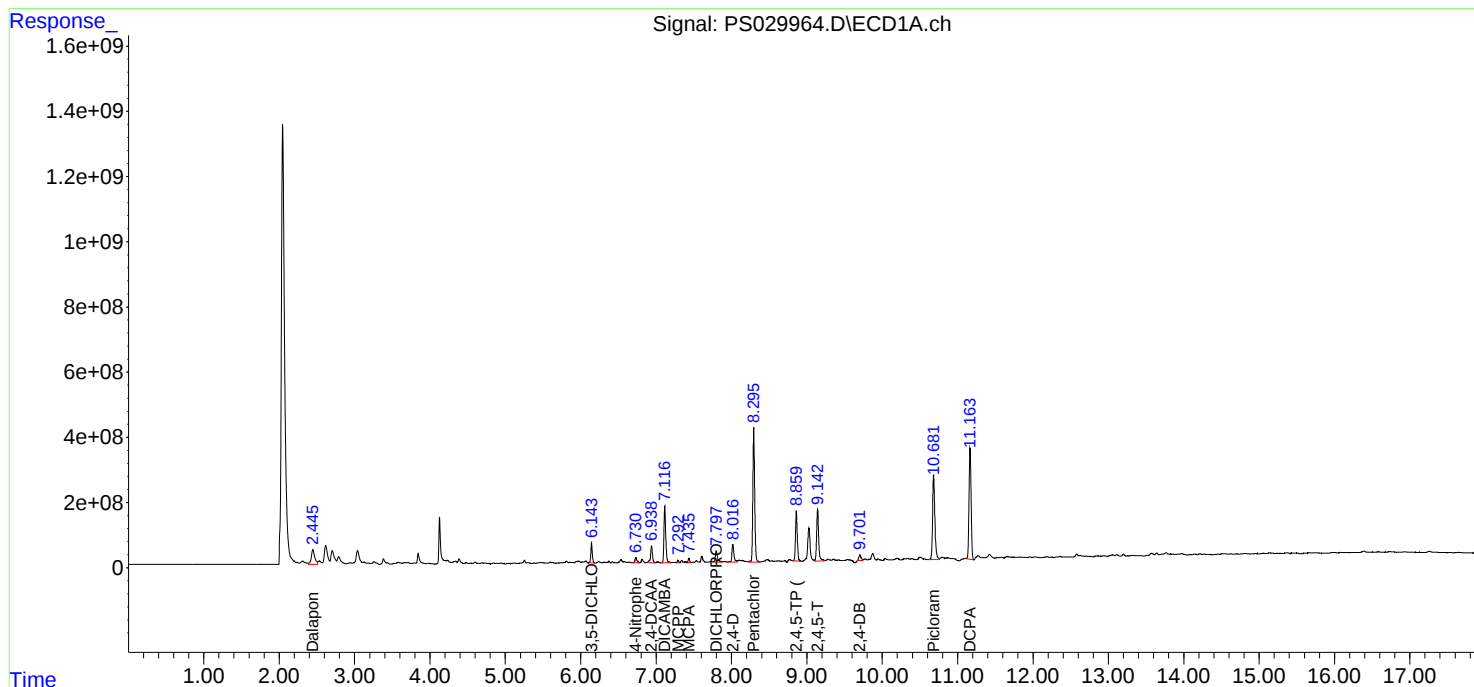
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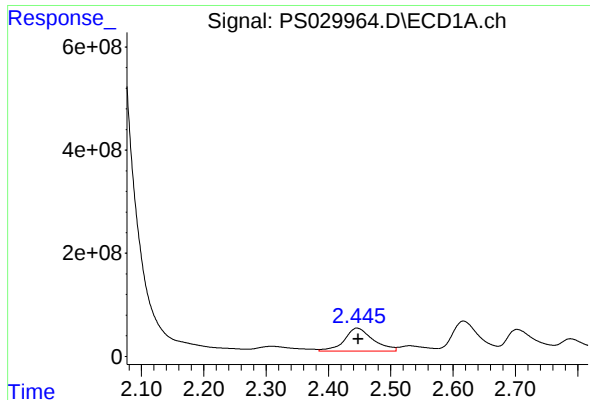
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Integration File signal 1: autoint1.e
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Signal #1 Info : 30M x 0.32mm x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





#1 Dalapon

R.T.: 2.446 min
Delta R.T.: -0.002 min
Response: 1427909564
Conc: 348.67 ng/ml

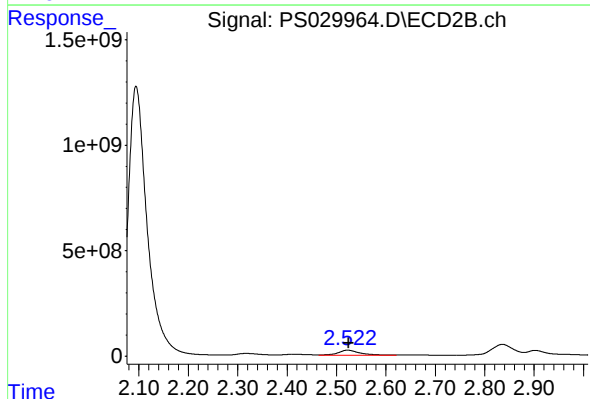
Instrument :

ECD_S

ClientSampleId :
MH-FMS

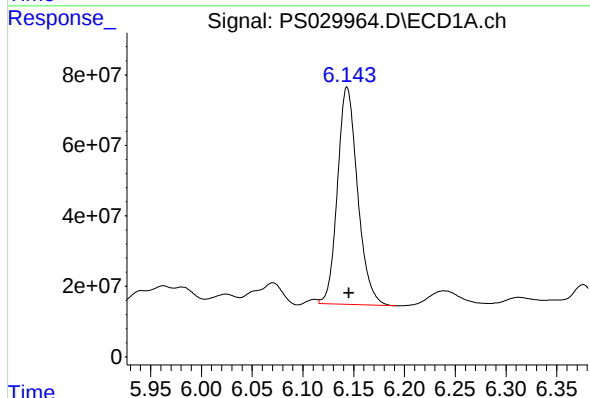
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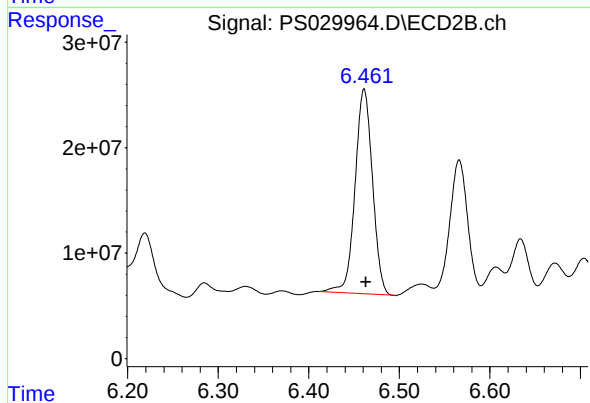
#1 Dalapon

R.T.: 2.522 min
Delta R.T.: -0.002 min
Response: 755414466
Conc: 435.11 ng/ml



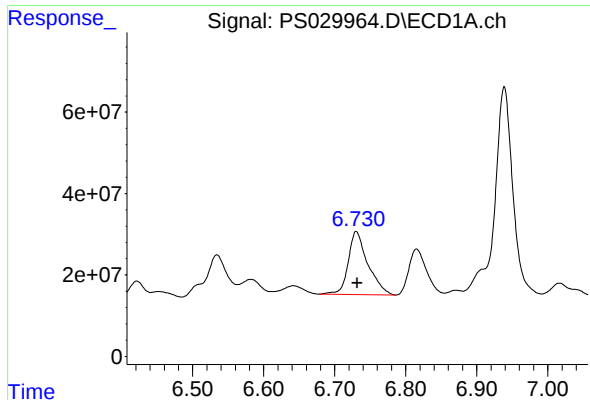
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.144 min
Delta R.T.: -0.002 min
Response: 850183181
Conc: 237.89 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.461 min
Delta R.T.: -0.002 min
Response: 259771140
Conc: 265.73 ng/ml



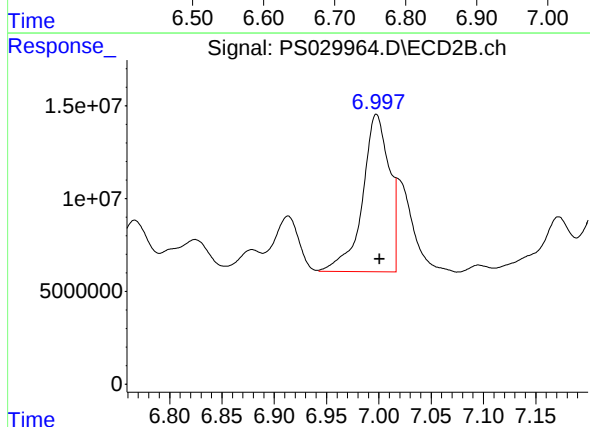
#3 4-Nitrophenol

R.T.: 6.730 min
Delta R.T.: -0.001 min
Response: 297822327
Conc: 167.00 ng/ml

Instrument :
ECD_S
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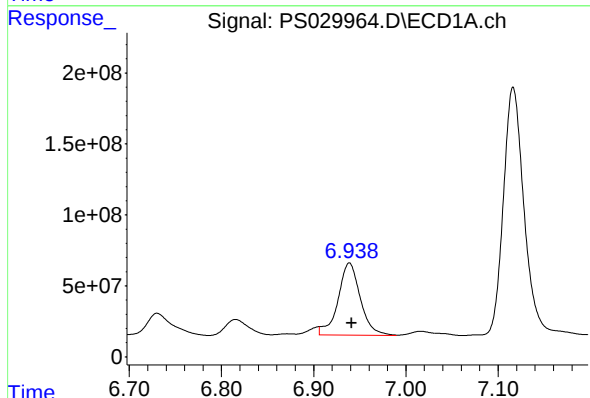
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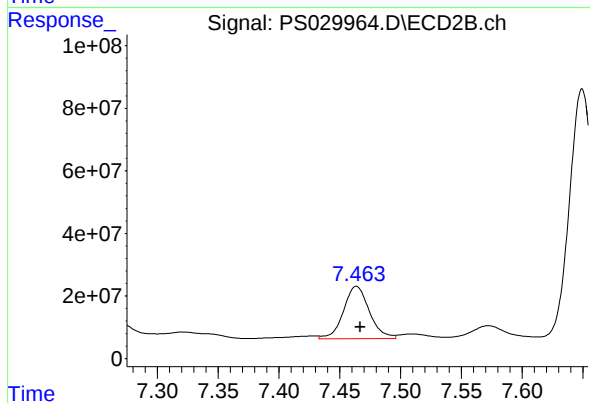
#3 4-Nitrophenol

R.T.: 6.997 min
Delta R.T.: -0.003 min
Response: 151418970
Conc: 197.70 ng/ml



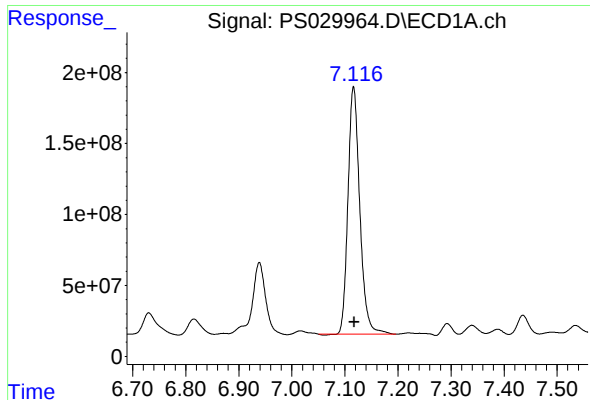
#4 2,4-DCAA

R.T.: 6.938 min
Delta R.T.: -0.003 min
Response: 851555072
Conc: 346.01 ng/ml



#4 2,4-DCAA

R.T.: 7.463 min
Delta R.T.: -0.004 min
Response: 248426199
Conc: 352.62 ng/ml



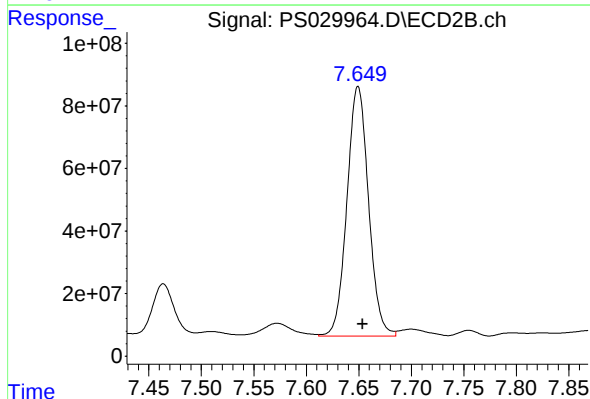
#5 DICAMBA

R.T.: 7.116 min
Delta R.T.: -0.002 min
Response: 2701976569
Conc: 272.85 ng/ml

Instrument :
ECD_S
ClientSampleId :
MH-FMS

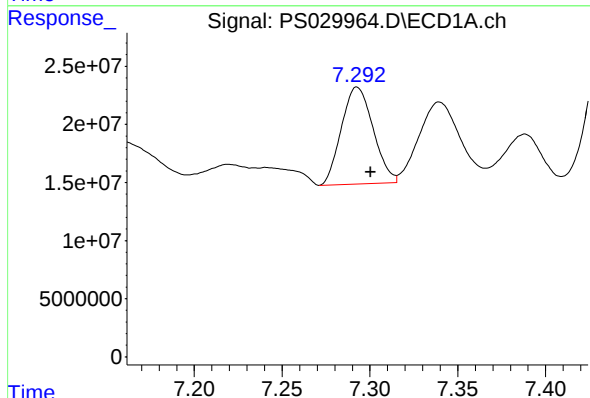
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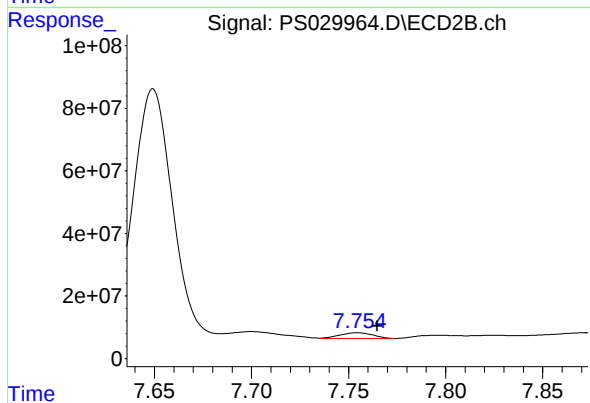
#5 DICAMBA

R.T.: 7.649 min
Delta R.T.: -0.004 min
Response: 1141957628
Conc: 289.10 ng/ml



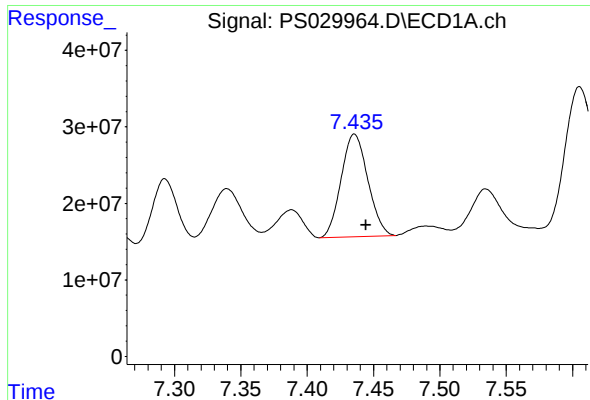
#6 MCPP

R.T.: 7.293 min
Delta R.T.: -0.008 min
Response: 104853596
Conc: 16.27 ug/ml



#6 MCPP

R.T.: 7.755 min
Delta R.T.: -0.010 min
Response: 21378332
Conc: 12.22 ug/ml



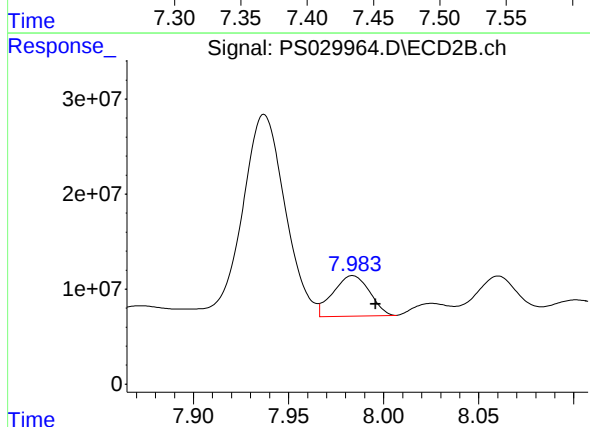
#7 MCPA

R.T.: 7.436 min
Delta R.T.: -0.009 min
Response: 188001299
Conc: 21.29 ug/ml

Instrument :
ECD_S
ClientSampleId :
MH-FMS

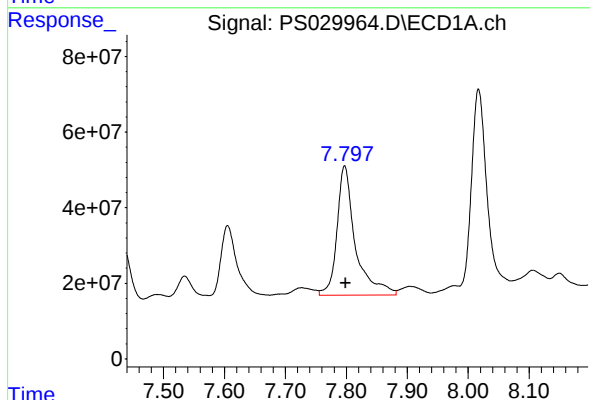
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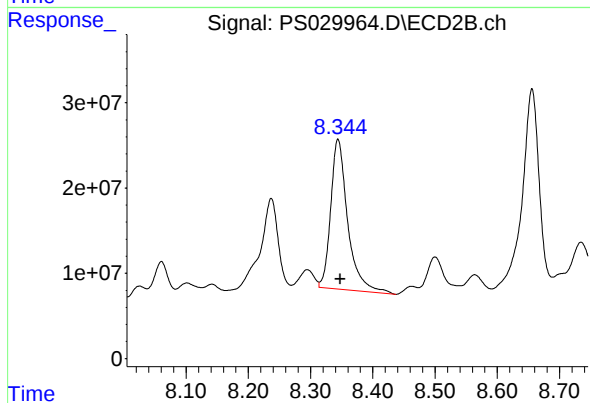
#7 MCPA

R.T.: 7.984 min
Delta R.T.: -0.012 min
Response: 56984739
Conc: 24.09 ug/ml



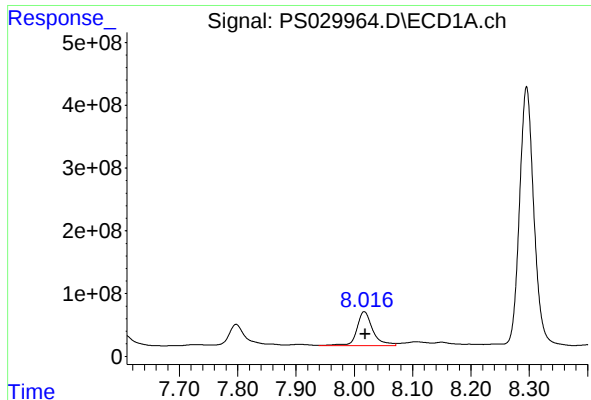
#8 DICHLORPROP

R.T.: 7.797 min
Delta R.T.: -0.002 min
Response: 716127040
Conc: 282.60 ng/ml



#8 DICHLORPROP

R.T.: 8.344 min
Delta R.T.: -0.004 min
Response: 333652392
Conc: 332.33 ng/ml



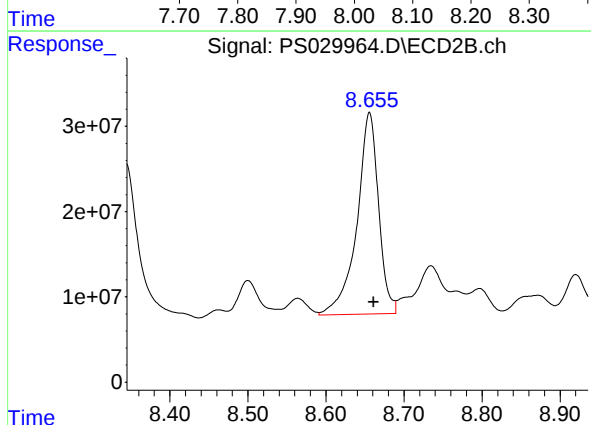
#9 2,4-D

R.T.: 8.017 min
Delta R.T.: -0.002 min
Response: 1044049686
Conc: 371.17 ng/ml

Instrument :
ECD_S
ClientSampleId :
MH-FMS

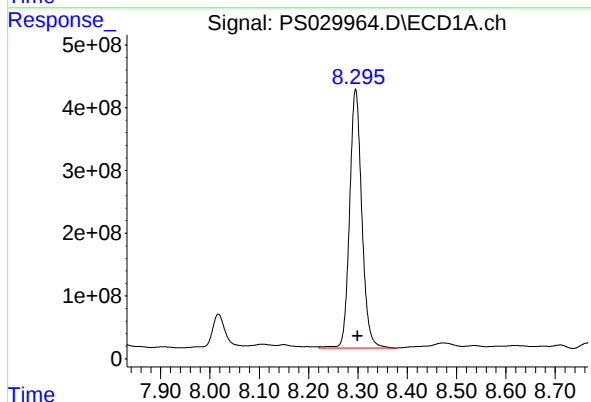
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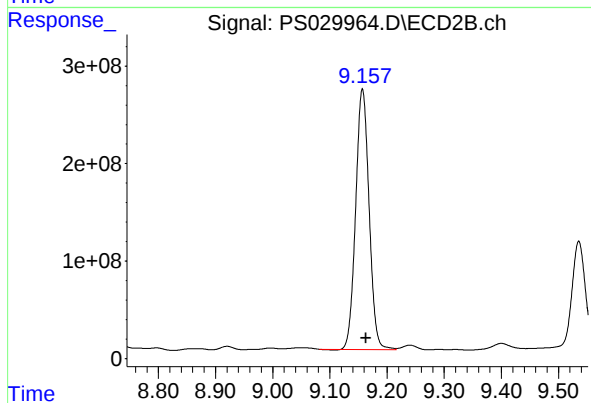
#9 2,4-D

R.T.: 8.656 min
Delta R.T.: -0.005 min
Response: 456628072
Conc: 405.13 ng/ml



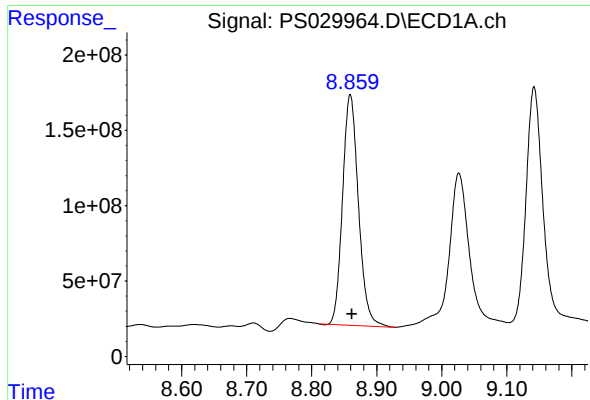
#10 Pentachlorophenol

R.T.: 8.295 min
Delta R.T.: -0.004 min
Response: 7078787529
Conc: 202.92 ng/ml



#10 Pentachlorophenol

R.T.: 9.157 min
Delta R.T.: -0.006 min
Response: 4364356858
Conc: 214.52 ng/ml



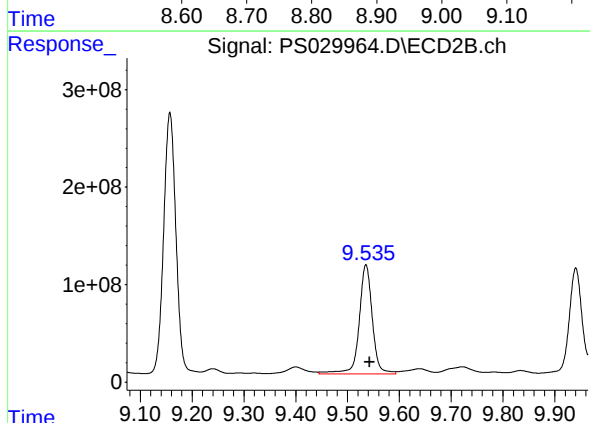
#11 2,4,5-TP (SILVEX)

R.T.: 8.859 min
Delta R.T.: -0.003 min
Response: 2595483909
Conc: 187.23 ng/ml

Instrument :
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ClientSampleId :
MH-FMS

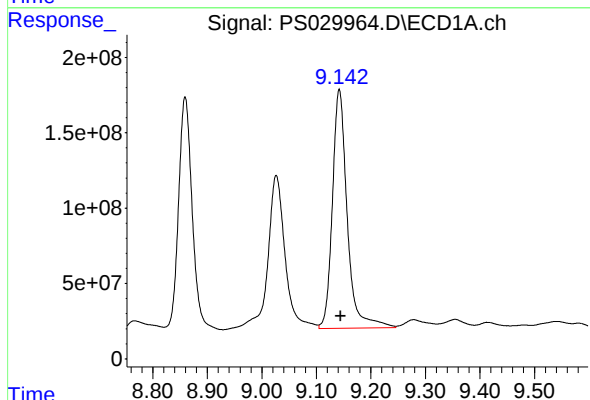
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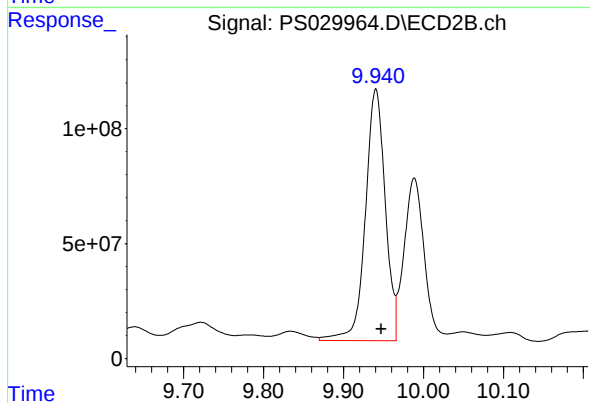
#11 2,4,5-TP (SILVEX)

R.T.: 9.536 min
Delta R.T.: -0.007 min
Response: 1979293582
Conc: 241.92 ng/ml



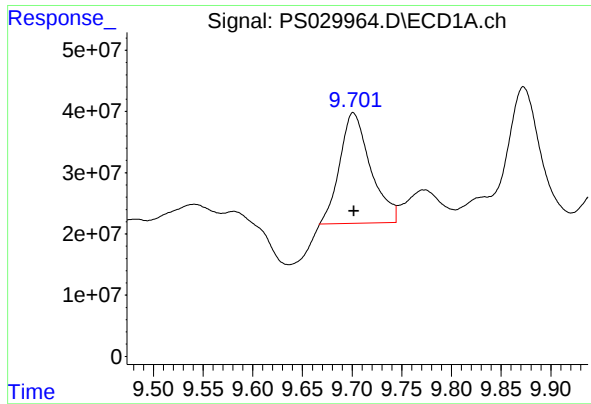
#12 2,4,5-T

R.T.: 9.142 min
Delta R.T.: -0.002 min
Response: 2985913803
Conc: 212.47 ng/ml



#12 2,4,5-T

R.T.: 9.940 min
Delta R.T.: -0.007 min
Response: 1889850742
Conc: 243.46 ng/ml



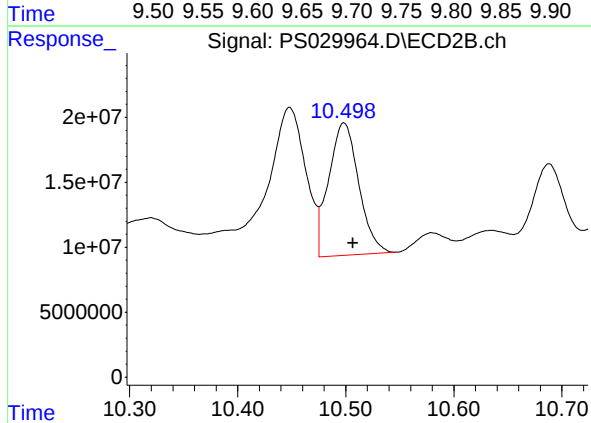
#13 2,4-DB

R.T.: 9.701 min
Delta R.T.: -0.001 min
Response: 392911066
Conc: 171.93 ng/ml

Instrument :
ECD_S
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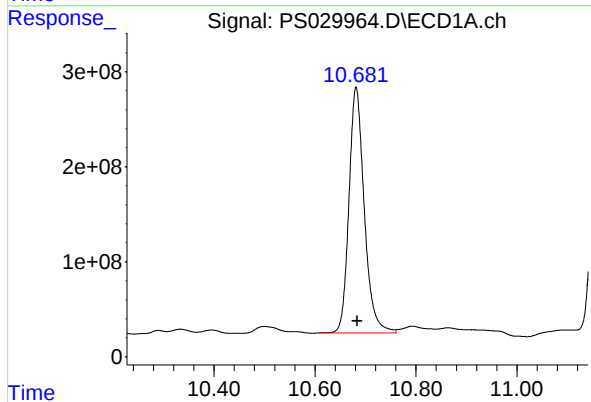
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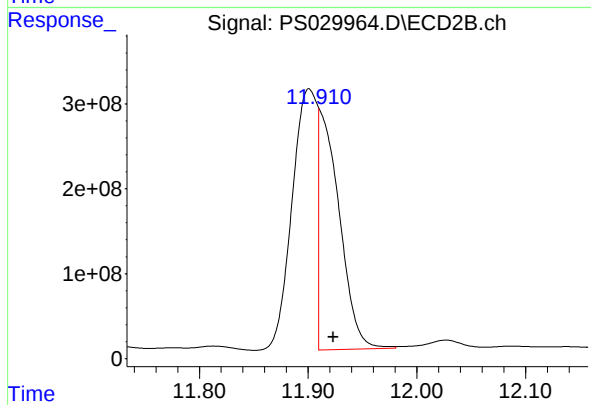
#13 2,4-DB

R.T.: 10.498 min
Delta R.T.: -0.008 min
Response: 197446884
Conc: 245.32 ng/ml



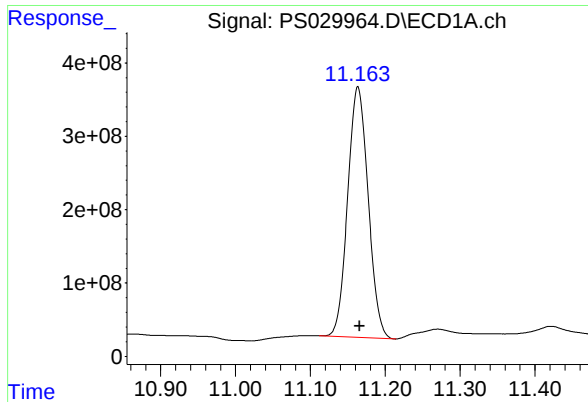
#15 Picloram

R.T.: 10.681 min
Delta R.T.: -0.003 min
Response: 5447946371
Conc: 297.20 ng/ml m



#15 Picloram

R.T.: 11.910 min
Delta R.T.: -0.013 min
Response: 3663749082
Conc: 298.26 ng/ml m



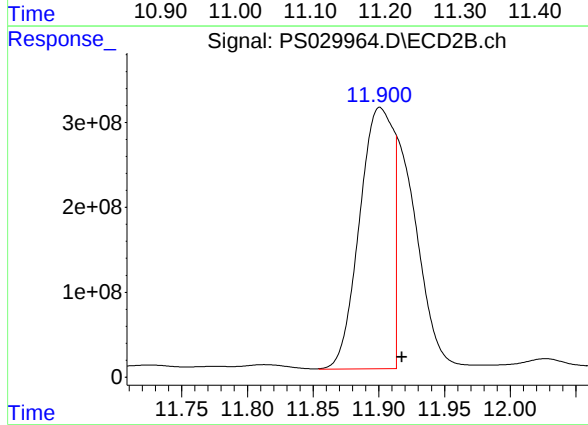
#16 DCPA

R.T.: 11.164 min
Delta R.T.: -0.002 min
Response: 6508107211
Conc: 382.36 ng/ml

Instrument :
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#16 DCPA

R.T.: 11.900 min
Delta R.T.: -0.017 min
Response: 5385591210
Conc: 477.80 ng/ml m