

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS043025\
 Data File : PS029999.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 May 2025 04:34
 Operator : AR\AJ
 Sample : Q1906-05MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 WC-5MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 05/01/2025
 Supervised By :mohammad ahmed 05/02/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 01 04:56:31 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 x0.5 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	6.919	7.462	2352.7E6	1067.4E6	955.960	1515.125 #
Target Compounds						
1) T Dalapon	2.442	2.515	2778.7E6	1703.5E6	678.528	981.208 #
2) T 3,5-DICHL...	6.142	6.459	1089.2E6	276.7E6	304.768m	283.063
3) T 4-Nitroph...	6.705f	6.964f	108.8E6	80838331	60.990	105.544m#
5) T DICAMBA	7.115	7.647	3104.5E6	1301.2E6	313.498m	329.411
6) T MCPP	7.292	7.739f	169.1E6	167.6E6	26.245	95.838 #
7) T MCPA	7.434	7.981	275.9E6	85484678	31.237	36.133
8) T DICHLORPROP	7.796	8.341	648.1E6	340.2E6	255.749m	338.858 #
9) T 2,4-D	8.015	8.654	1168.3E6	453.2E6	415.356	402.054
10) T Pentachlo...	8.293	9.155	5741.5E6	3568.2E6	164.582m	175.388
11) T 2,4,5-TP ...	8.857	9.533	2807.2E6	1987.5E6	202.496m	242.916m
12) T 2,4,5-T	9.140	9.938	3632.2E6	2158.8E6	258.462	278.109
13) T 2,4-DB	9.700	10.494	469.1E6	163.6E6	205.243m	203.327m
15) T Picloram	10.680	11.903	5787.6E6	4817.9E6	315.734	392.218m
16) T DCPA	11.162	11.901	6627.9E6	4674.0E6	389.398m	414.671m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS043025\
Data File : PS029999.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 May 2025 04:34
Operator : AR\AJ
Sample : Q1906-05MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

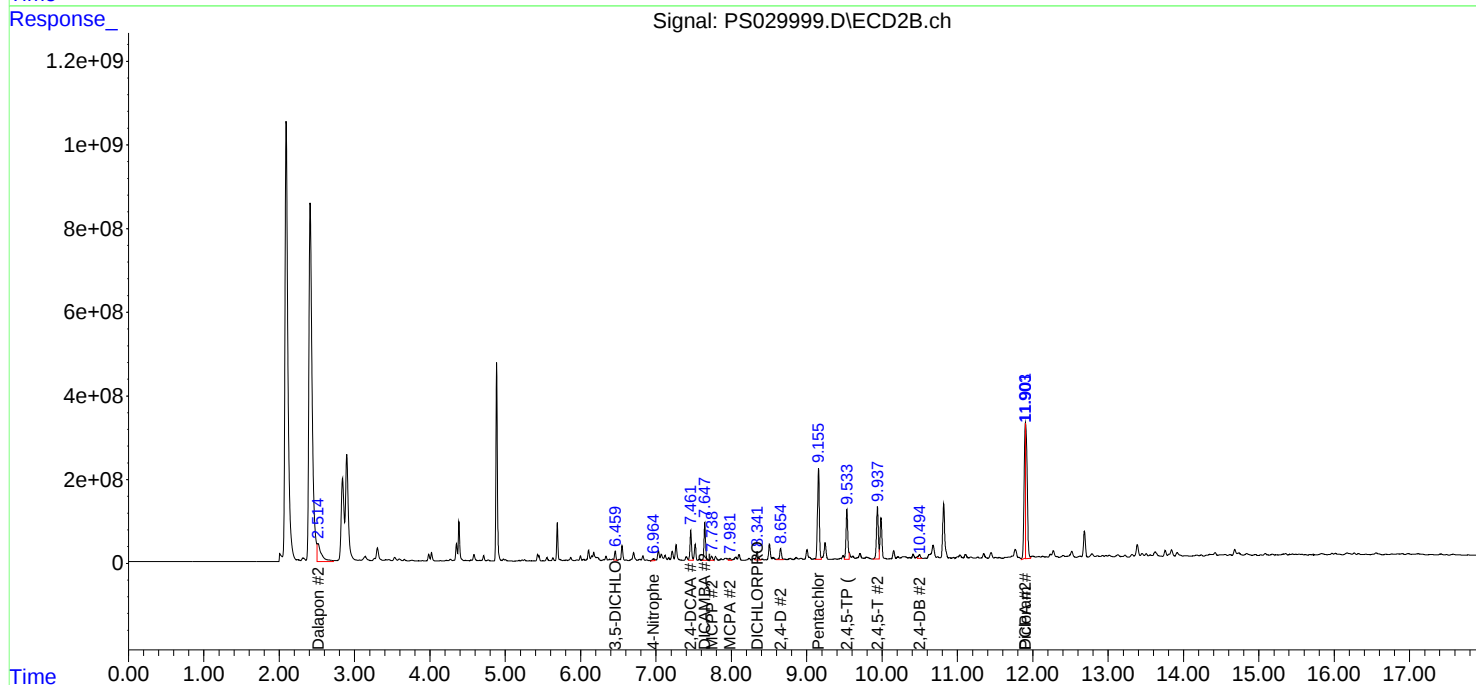
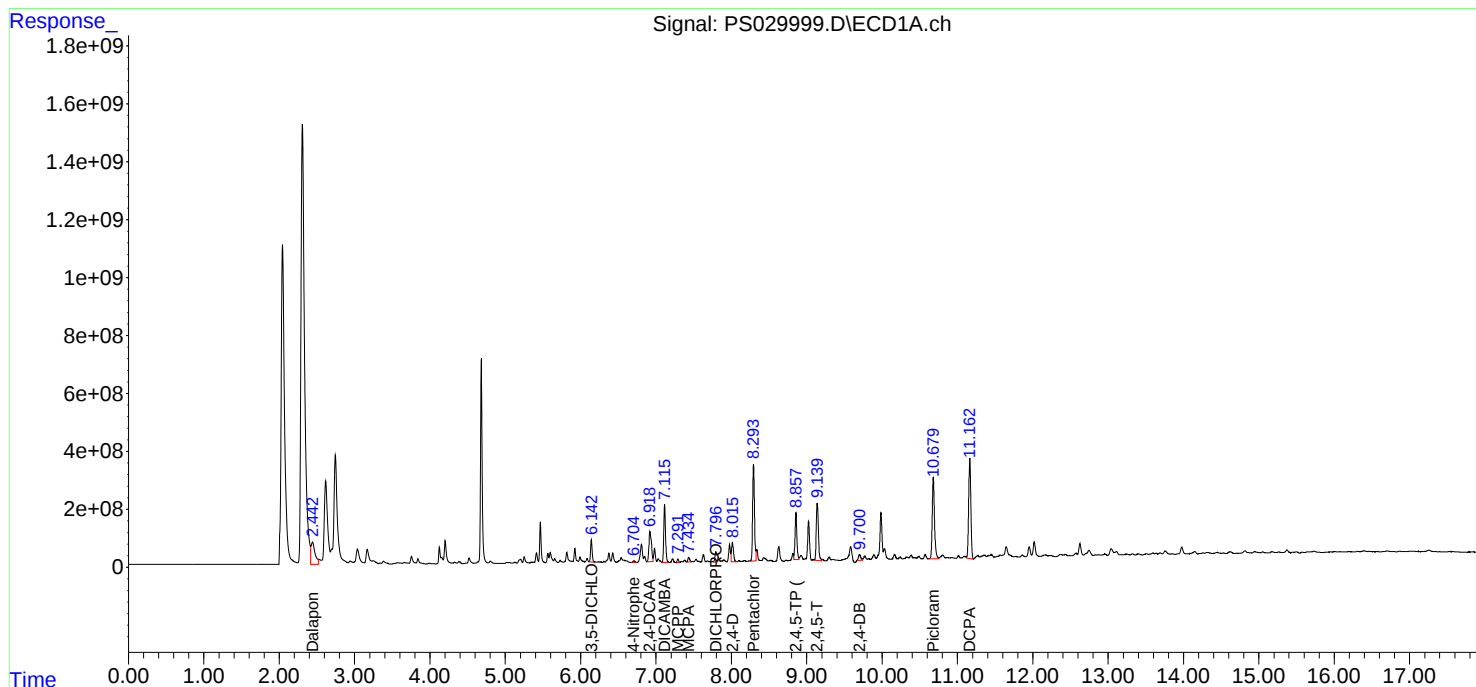
Instrument :
ECD_S
ClientSampleId :
WC-5MS

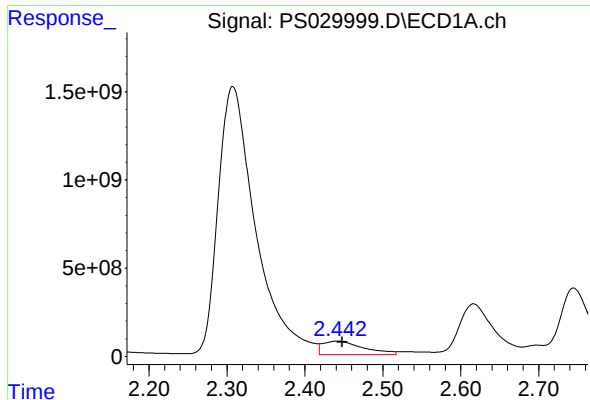
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 01 04:56:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS042325.M
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QLast Update : Wed Apr 23 12:57:40 2025
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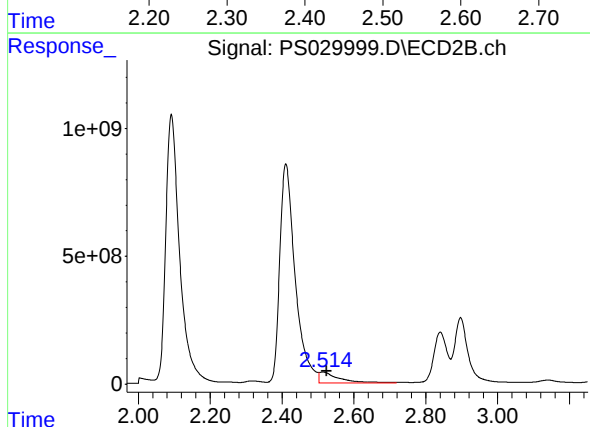
#1 Dalapon

R.T.: 2.442 min
Delta R.T.: -0.006 min
Response: 2778749021
Conc: 678.53 ng/ml

Instrument :
ECD_S
ClientSampleId :
WC-5MS

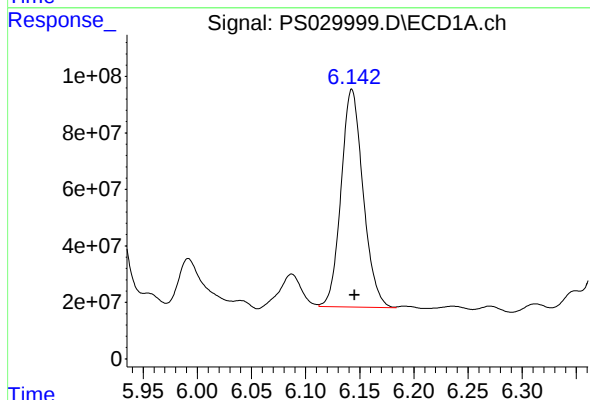
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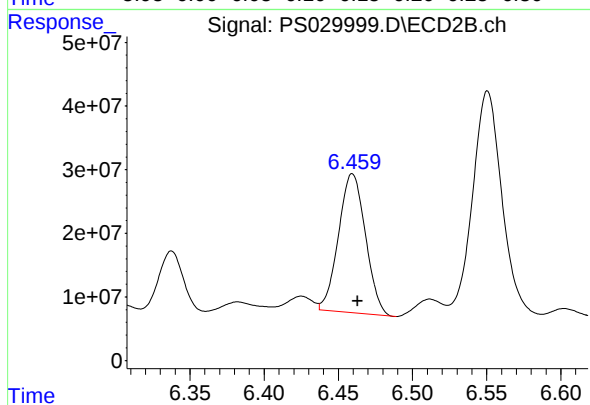
#1 Dalapon

R.T.: 2.515 min
Delta R.T.: -0.010 min
Response: 1703518196
Conc: 981.21 ng/ml



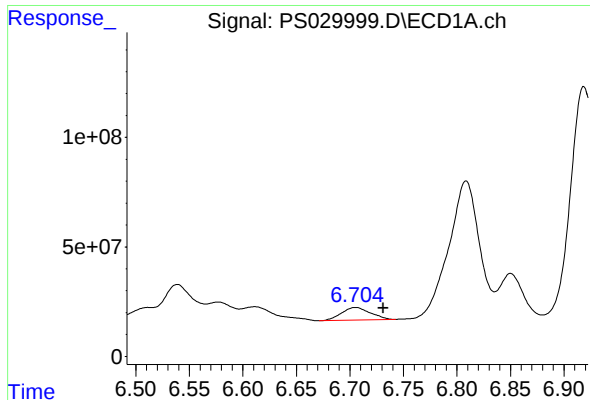
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.142 min
Delta R.T.: -0.003 min
Response: 1089175555
Conc: 304.77 ng/ml m



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.459 min
Delta R.T.: -0.004 min
Response: 276716083
Conc: 283.06 ng/ml



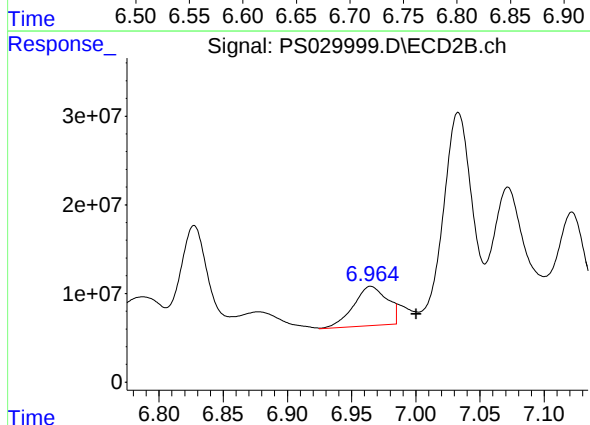
#3 4-Nitrophenol

R.T.: 6.705 min
Delta R.T.: -0.026 min
Response: 108765273
Conc: 60.99 ng/ml

Instrument :
ECD_S
ClientSampleId :
WC-5MS

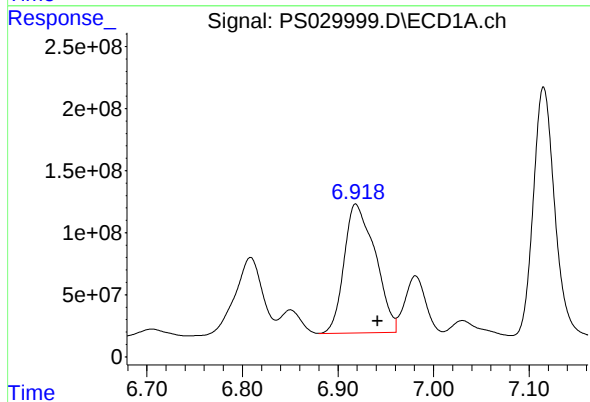
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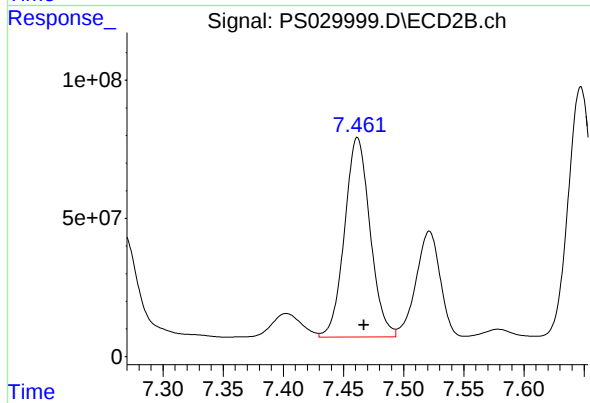
#3 4-Nitrophenol

R.T.: 6.964 min
Delta R.T.: -0.036 min
Response: 80838331
Conc: 105.54 ng/ml m



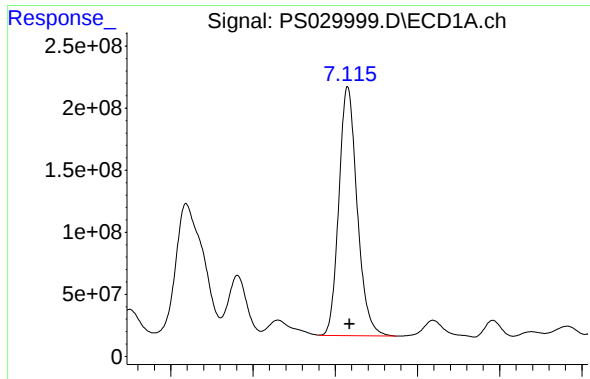
#4 2,4-DCAA

R.T.: 6.919 min
Delta R.T.: -0.022 min
Response: 2352694270
Conc: 955.96 ng/ml



#4 2,4-DCAA

R.T.: 7.462 min
Delta R.T.: -0.005 min
Response: 1067430949
Conc: 1515.12 ng/ml



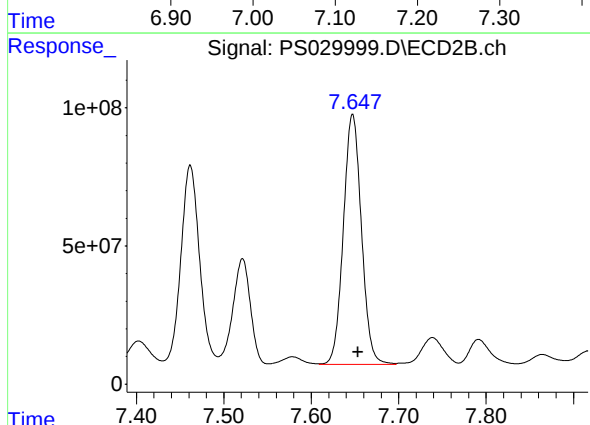
#5 DICAMBA

R.T.: 7.115 min
Delta R.T.: -0.003 min
Response: 3104526552
Conc: 313.50 ng/ml

Instrument :
ECD_S
ClientSampleId :
WC-5MS

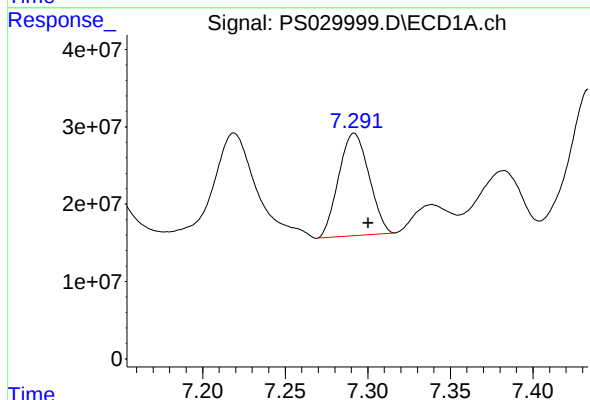
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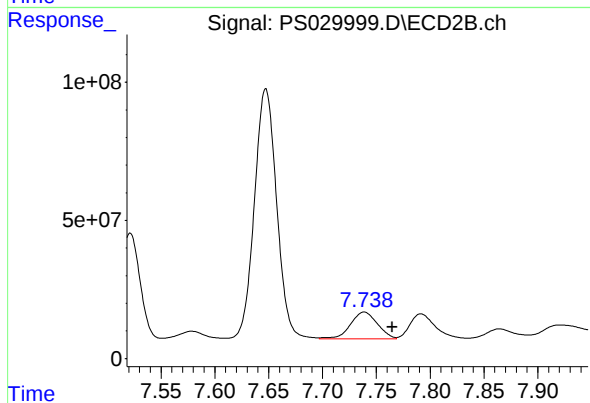
#5 DICAMBA

R.T.: 7.647 min
Delta R.T.: -0.006 min
Response: 1301192862
Conc: 329.41 ng/ml



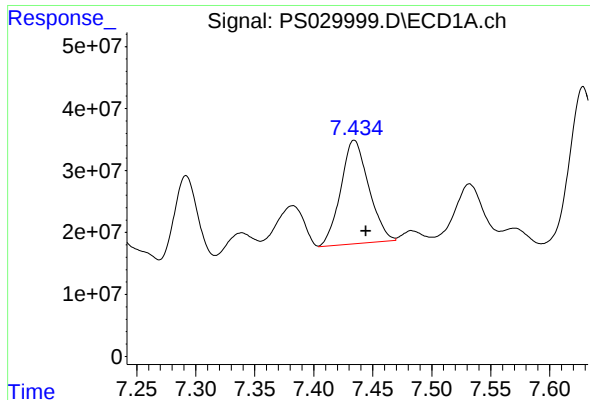
#6 MCP

R.T.: 7.292 min
Delta R.T.: -0.009 min
Response: 169114247
Conc: 26.25 ug/ml



#6 MCP

R.T.: 7.739 min
Delta R.T.: -0.026 min
Response: 167616033
Conc: 95.84 ug/ml



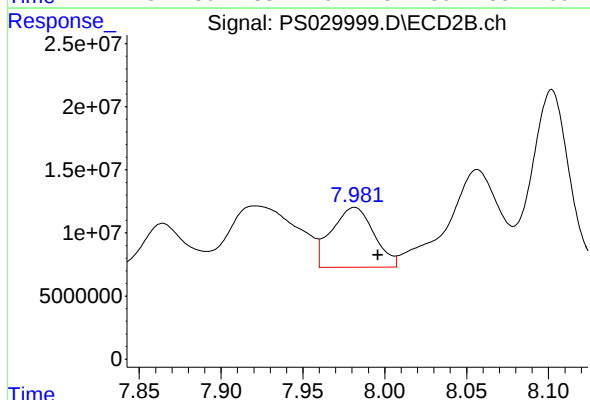
#7 MCPA

R.T.: 7.434 min
Delta R.T.: -0.010 min
Response: 275866896
Conc: 31.24 ug/ml

Instrument :
ECD_S
ClientSampleId :
WC-5MS

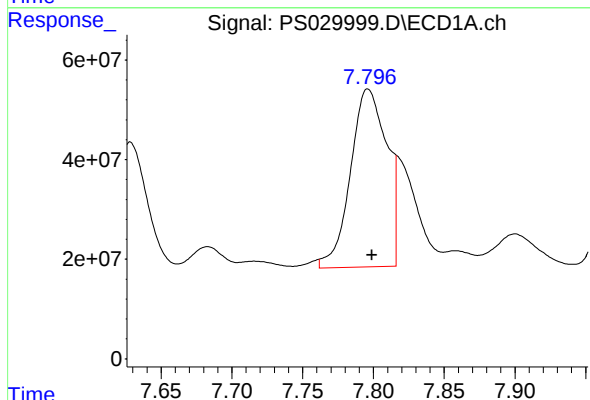
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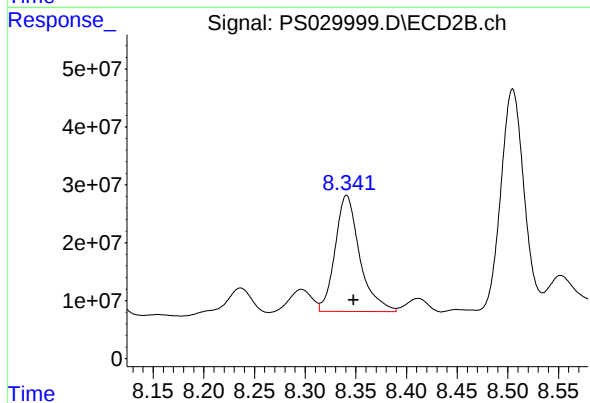
#7 MCPA

R.T.: 7.981 min
Delta R.T.: -0.014 min
Response: 85484678
Conc: 36.13 ug/ml



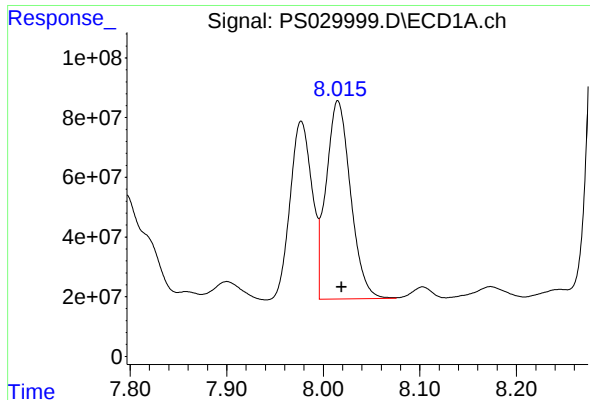
#8 DICHLORPROP

R.T.: 7.796 min
Delta R.T.: -0.003 min
Response: 648094351
Conc: 255.75 ng/ml m



#8 DICHLORPROP

R.T.: 8.341 min
Delta R.T.: -0.007 min
Response: 340201612
Conc: 338.86 ng/ml



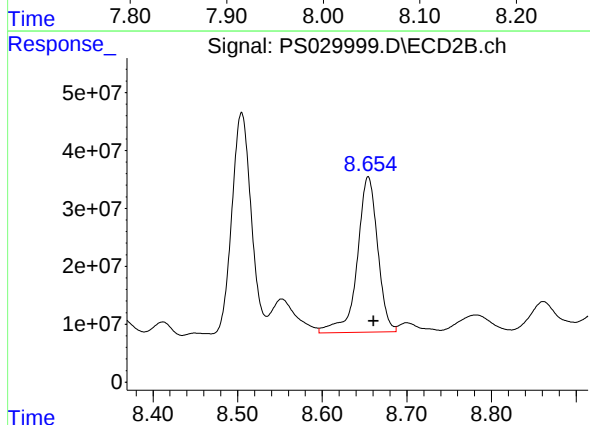
#9 2,4-D

R.T.: 8.015 min
Delta R.T.: -0.004 min
Response: 1168343085
Conc: 415.36 ng/ml

Instrument :
ECD_S
ClientSampleId :
WC-5MS

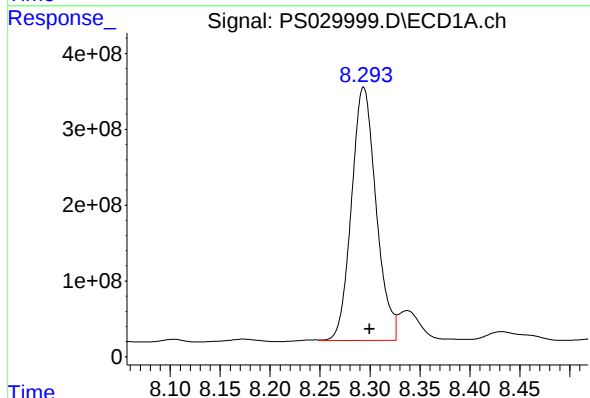
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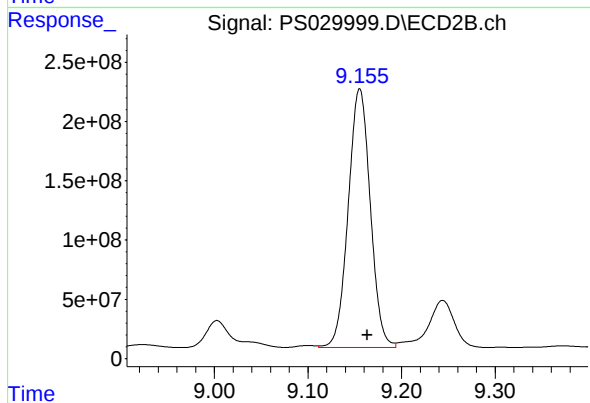
#9 2,4-D

R.T.: 8.654 min
Delta R.T.: -0.007 min
Response: 453157976
Conc: 402.05 ng/ml



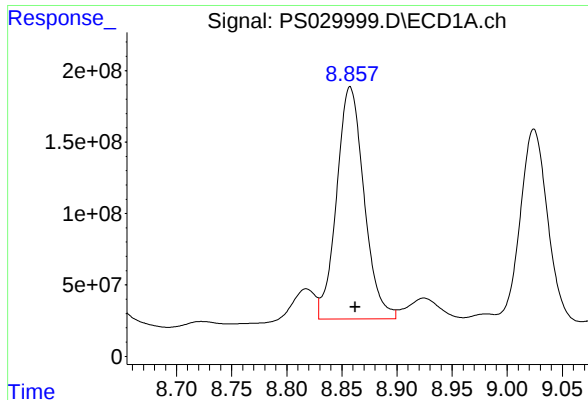
#10 Pentachlorophenol

R.T.: 8.293 min
Delta R.T.: -0.006 min
Response: 5741459866
Conc: 164.58 ng/ml m



#10 Pentachlorophenol

R.T.: 9.155 min
Delta R.T.: -0.008 min
Response: 3568229586
Conc: 175.39 ng/ml



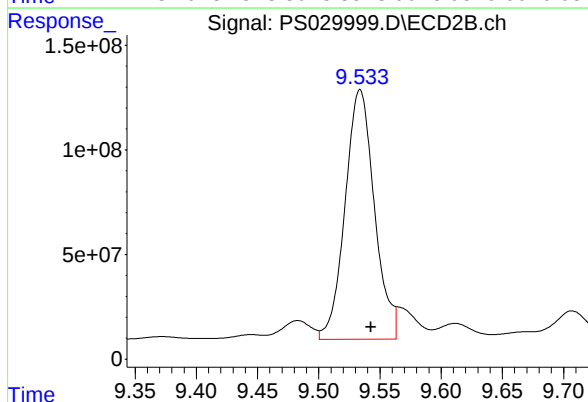
#11 2,4,5-TP (SILVEX)

R.T.: 8.857 min
Delta R.T.: -0.005 min
Response: 2807170683
Conc: 202.50 ng/ml

Instrument :
ECD_S
ClientSampleId :
WC-5MS

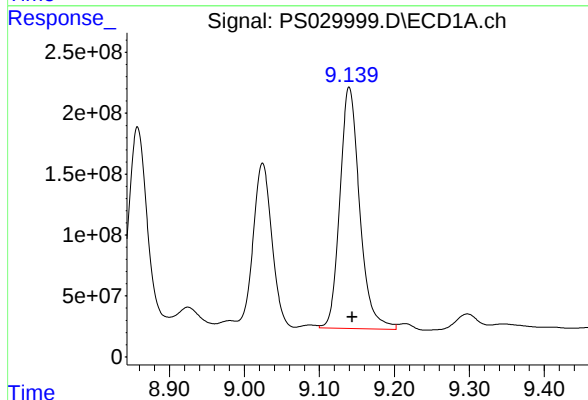
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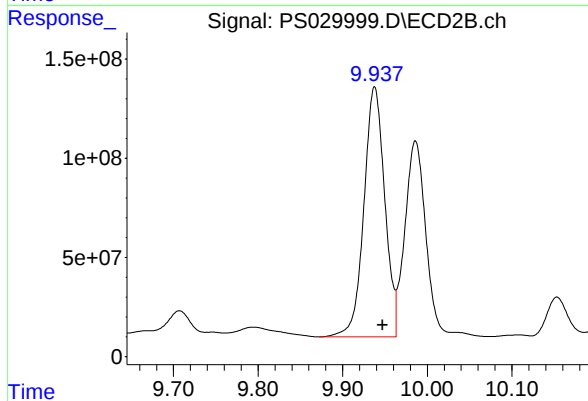
#11 2,4,5-TP (SILVEX)

R.T.: 9.533 min
Delta R.T.: -0.009 min
Response: 1987477002
Conc: 242.92 ng/ml



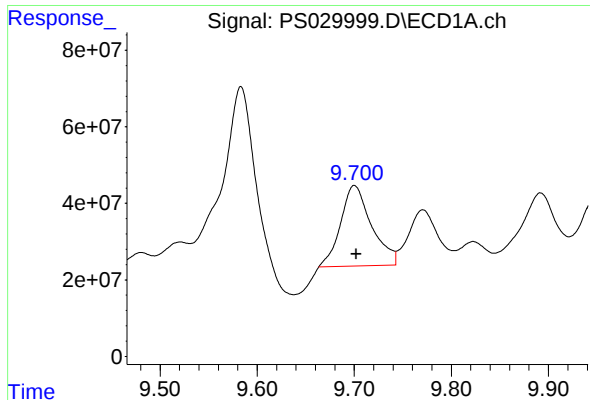
#12 2,4,5-T

R.T.: 9.140 min
Delta R.T.: -0.004 min
Response: 3632188453
Conc: 258.46 ng/ml



#12 2,4,5-T

R.T.: 9.938 min
Delta R.T.: -0.010 min
Response: 2158849749
Conc: 278.11 ng/ml



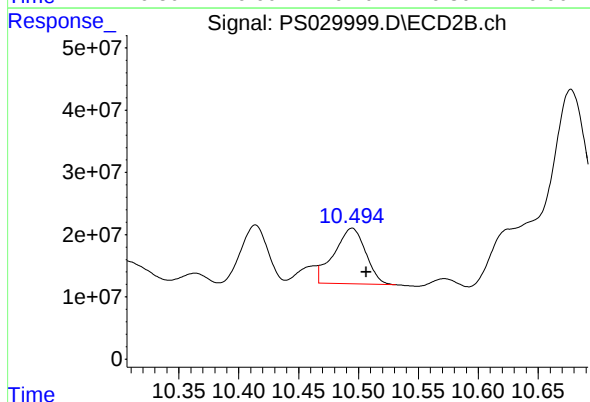
#13 2,4-DB

R.T.: 9.700 min
Delta R.T.: -0.002 min
Response: 469054192
Conc: 205.24 ng/ml

Instrument :
ECD_S
ClientSampleId :
WC-5MS

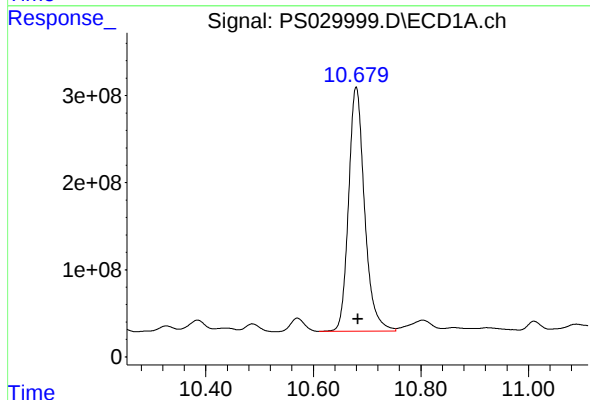
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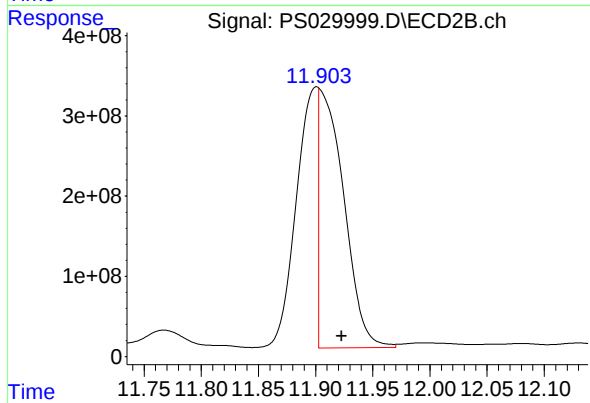
#13 2,4-DB

R.T.: 10.494 min
Delta R.T.: -0.012 min
Response: 163646510
Conc: 203.33 ng/ml



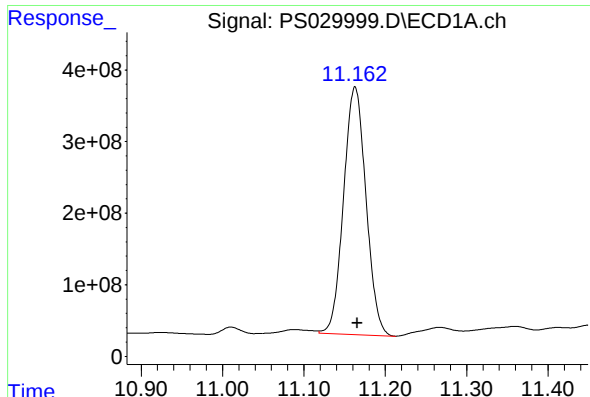
#15 Picloram

R.T.: 10.680 min
Delta R.T.: -0.004 min
Response: 5787594197
Conc: 315.73 ng/ml



#15 Picloram

R.T.: 11.903 min
Delta R.T.: -0.020 min
Response: 4817867384
Conc: 392.22 ng/ml



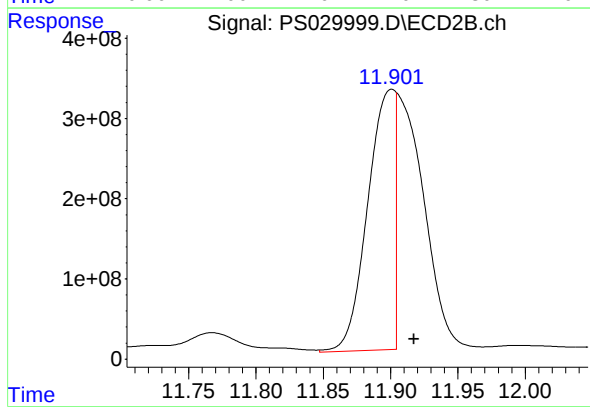
#16 DCPA

R.T.: 11.162 min
Delta R.T.: -0.004 min
Response: 6627935599
Conc: 389.40 ng/ml

Instrument :
ECD_S
ClientSampleId :
WC-5MS

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#16 DCPA

R.T.: 11.901 min
Delta R.T.: -0.017 min
Response: 4674031139
Conc: 414.67 ng/ml m