

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS050825\
 Data File : PS030084.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 May 2025 13:57
 Operator : AR\AJ
 Sample : Q1956-03MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 SB2-4-5MS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/09/2025
 Supervised By : mohammad ahmed 05/12/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 09 04:56:48 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	6.936	7.459	1252.3E6	354.4E6	508.860	503.070
Target Compounds						
1) T Dalapon	2.445	2.518	1683.9E6	1036.1E6	411.192	596.786m#
2) T 3,5-DICHL...	6.141	6.458	1619.3E6	406.2E6	453.098m	415.507
3) T 4-Nitroph...	6.725	6.993	824.9E6	315.7E6	462.566	412.243m
5) T DICAMBA	7.113	7.645	3579.5E6	1539.9E6	361.463m	389.837
6) T MCPP	7.290	7.754	191.4E6	85517770	29.701	48.897 #
7) T MCPA	7.432	7.980	300.5E6	87296569	34.028	36.899
8) T DICHLORPROP	7.807	8.339	7052.9E6	485.6E6	2783.201	483.669 #
9) T 2,4-D	8.011	8.651	2255.9E6	537.9E6	802.008	477.216 #
10) T Pentachlo...	8.291	9.152	12840.8E6	7821.5E6	368.089	384.446
11) T 2,4,5-TP ...	8.854	9.530	5019.5E6	3446.2E6	362.080	421.211
12) T 2,4,5-T	9.136	9.934	5423.8E6	3178.6E6	385.952	409.474
13) T 2,4-DB	9.700	10.491	1044.1E6	483.1E6	456.849m	600.191 #
14) T DINOSEB	10.856	10.863	845.2E6	678.9E6	83.076m	116.431m#
15) T Picloram	10.677	11.899	6261.2E6	4491.5E6	341.572	365.647m
16) T DCPA	11.158	11.897	6612.7E6	3525.5E6	388.501	312.773m

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

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Acq On : 08 May 2025 13:57
Operator : AR\AJ
Sample : Q1956-03MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

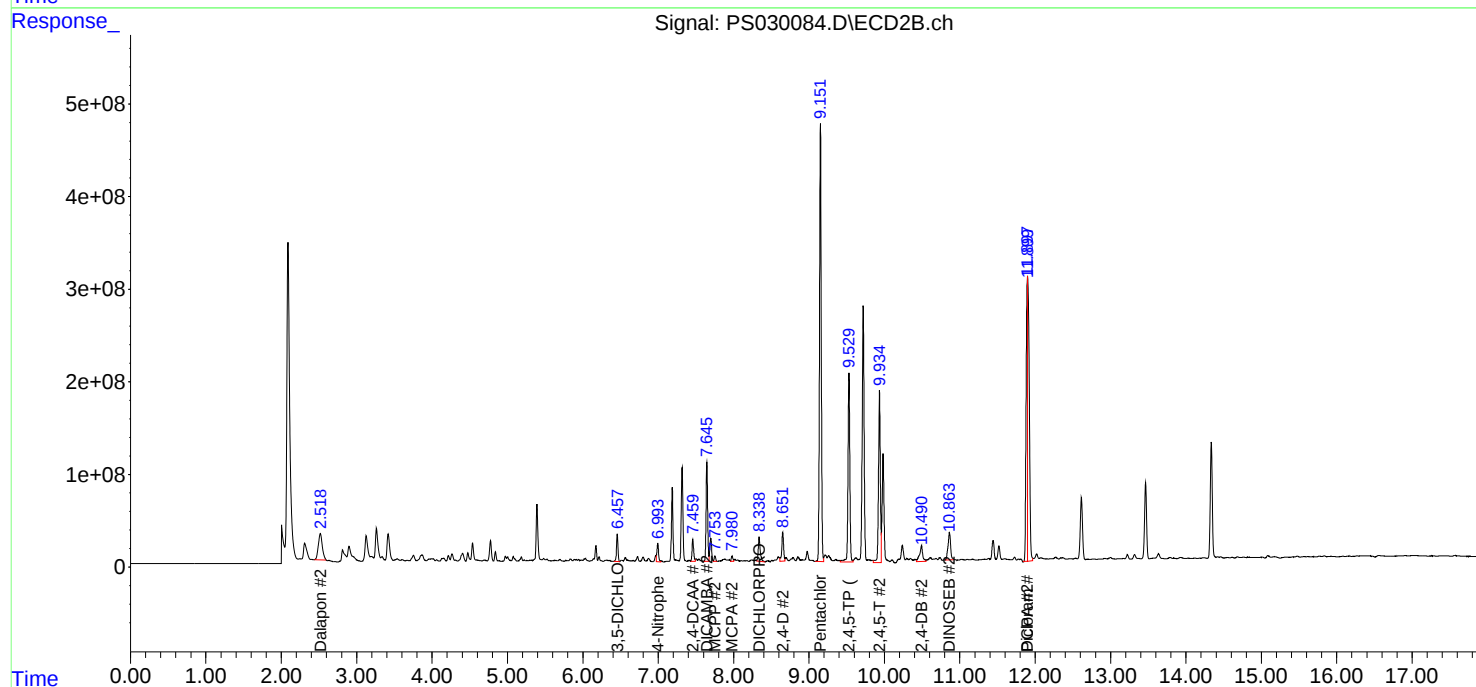
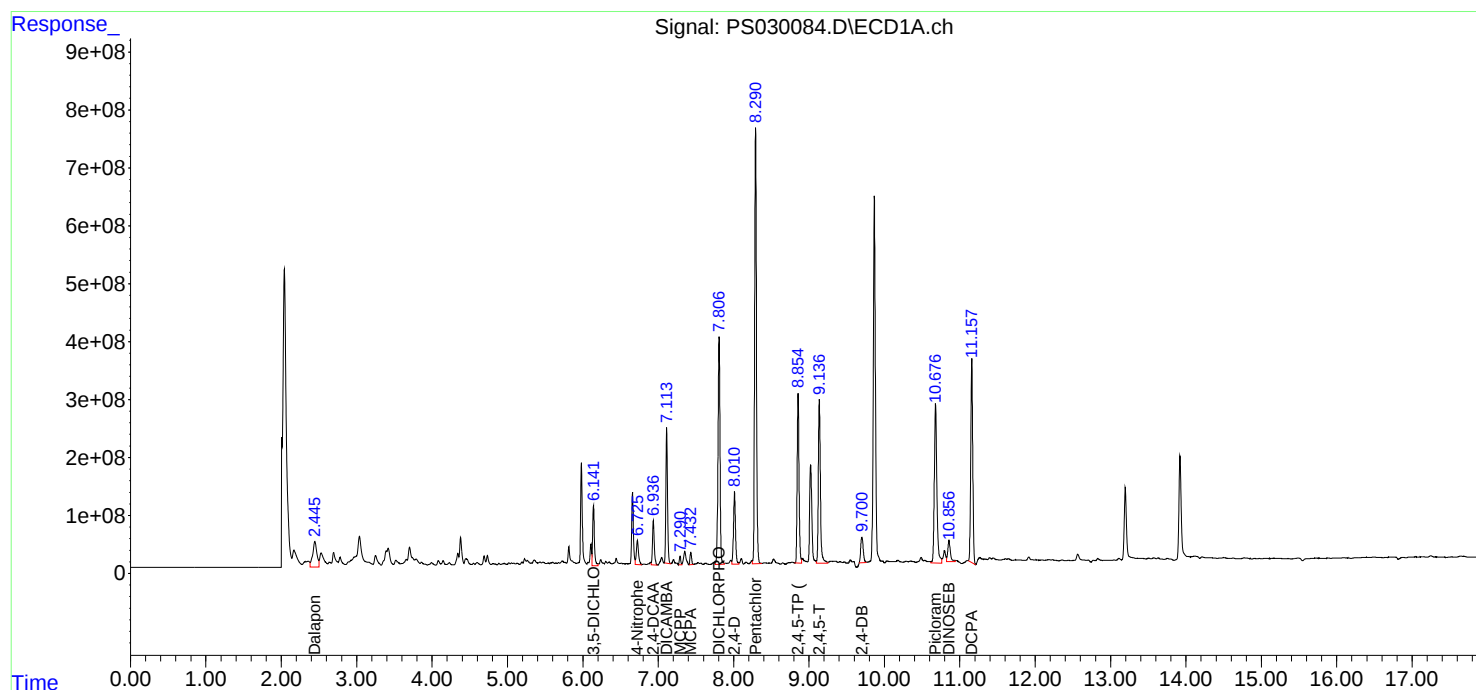
Instrument :
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ClientSampleId :
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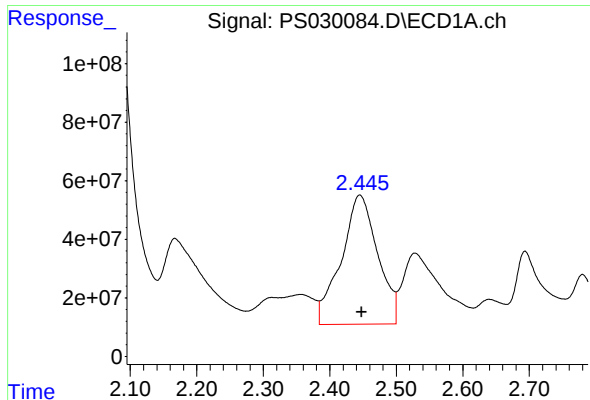
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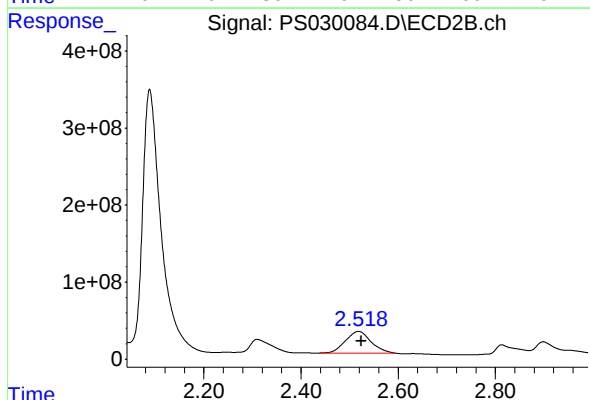
#1 Dalapon

R.T.: 2.445 min
Delta R.T.: -0.003 min
Response: 1683938269
Conc: 411.19 ng/ml

Instrument :
ECD_S
ClientSampleId :
SB2-4-5MS

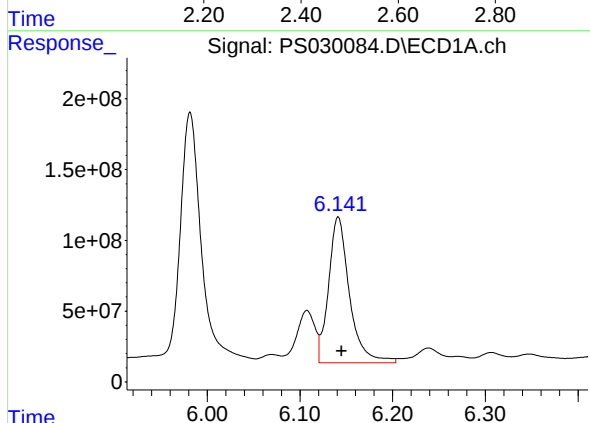
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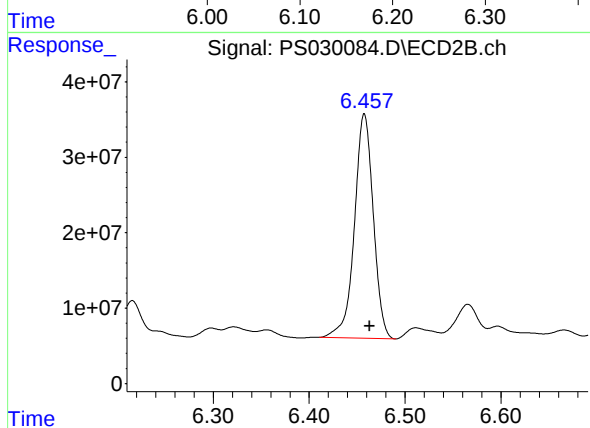
#1 Dalapon

R.T.: 2.518 min
Delta R.T.: -0.006 min
Response: 1036106485
Conc: 596.79 ng/ml



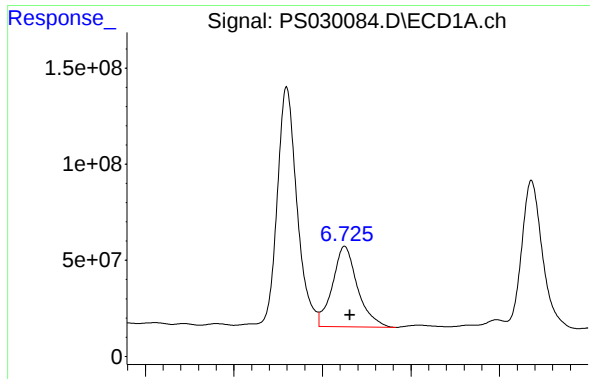
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.141 min
Delta R.T.: -0.004 min
Response: 1619276796
Conc: 453.10 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.458 min
Delta R.T.: -0.006 min
Response: 406190960
Conc: 415.51 ng/ml



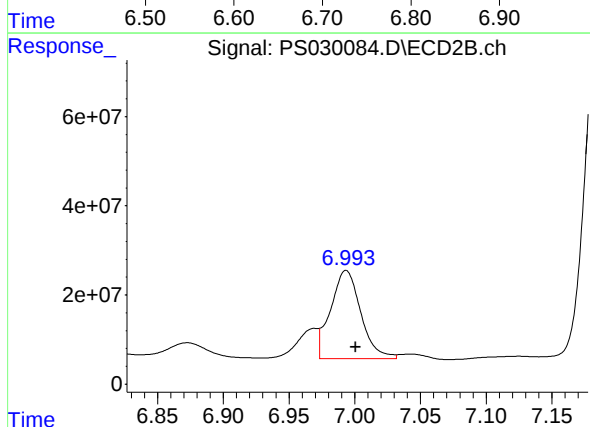
#3 4-Nitrophenol

R.T.: 6.725 min
Delta R.T.: -0.006 min
Response: 824903519
Conc: 462.57 ng/ml

Instrument :
ECD_S
ClientSampleId :
SB2-4-5MS

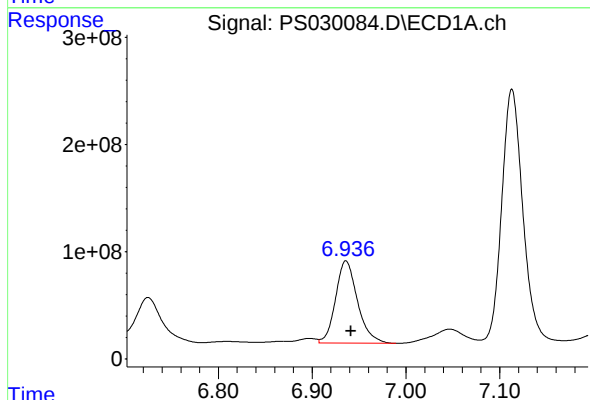
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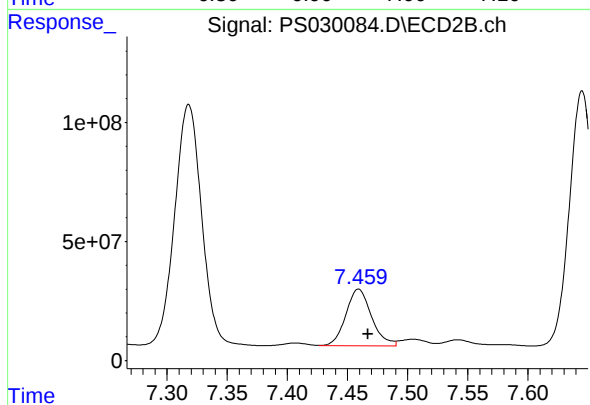
#3 4-Nitrophenol

R.T.: 6.993 min
Delta R.T.: -0.008 min
Response: 315745675
Conc: 412.24 ng/ml m



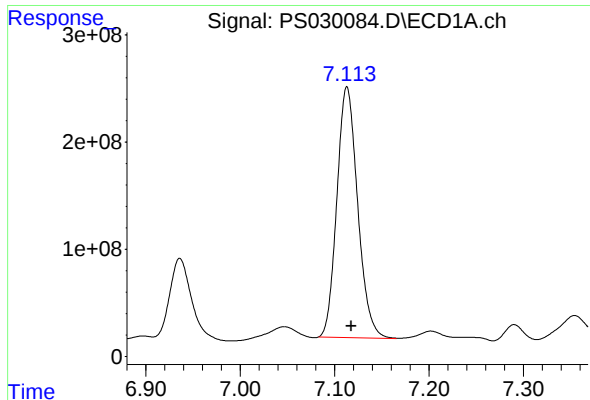
#4 2,4-DCAA

R.T.: 6.936 min
Delta R.T.: -0.005 min
Response: 1252344523
Conc: 508.86 ng/ml



#4 2,4-DCAA

R.T.: 7.459 min
Delta R.T.: -0.008 min
Response: 354421046
Conc: 503.07 ng/ml



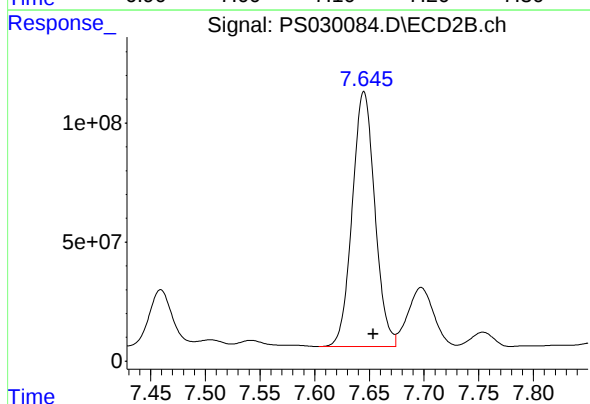
#5 DICAMBA

R.T.: 7.113 min
Delta R.T.: -0.005 min
Response: 3579520108
Conc: 361.46 ng/ml

Instrument :
ECD_S
ClientSampleId :
SB2-4-5MS

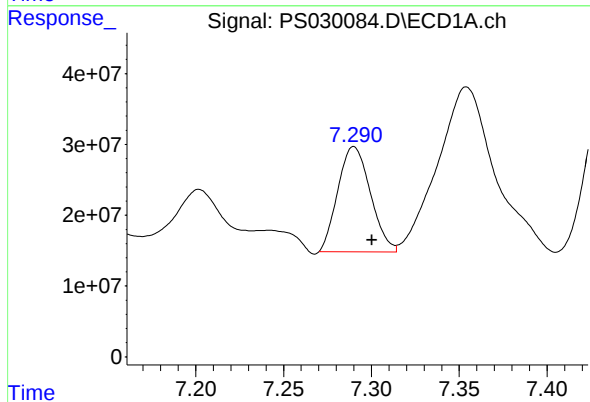
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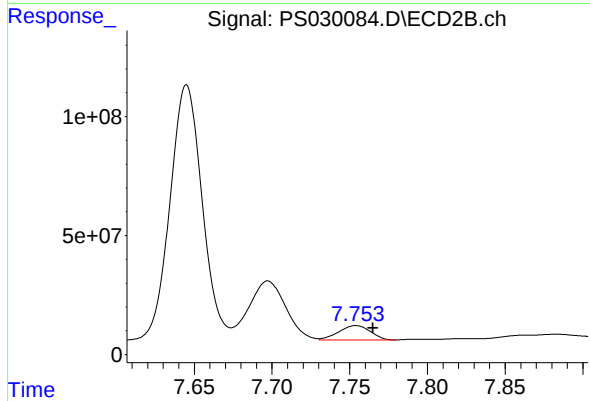
#5 DICAMBA

R.T.: 7.645 min
Delta R.T.: -0.009 min
Response: 1539881277
Conc: 389.84 ng/ml



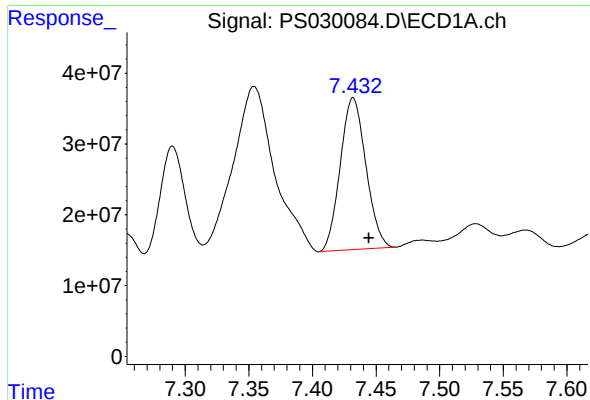
#6 MCPP

R.T.: 7.290 min
Delta R.T.: -0.010 min
Response: 191381046
Conc: 29.70 ug/ml



#6 MCPP

R.T.: 7.754 min
Delta R.T.: -0.011 min
Response: 85517770
Conc: 48.90 ug/ml



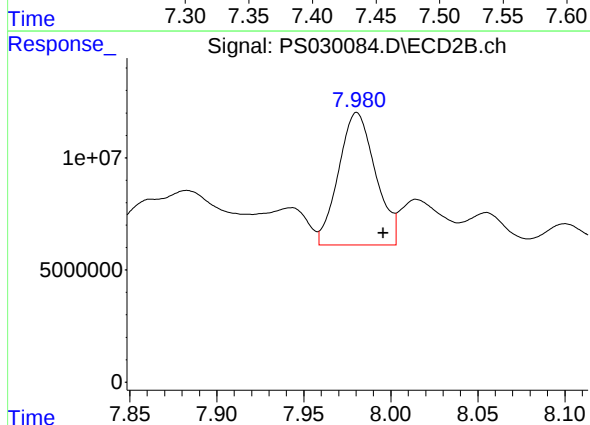
#7 MCPA

R.T.: 7.432 min
Delta R.T.: -0.012 min
Response: 300509298
Conc: 34.03 ug/ml

Instrument :
ECD_S
ClientSampleId :
SB2-4-5MS

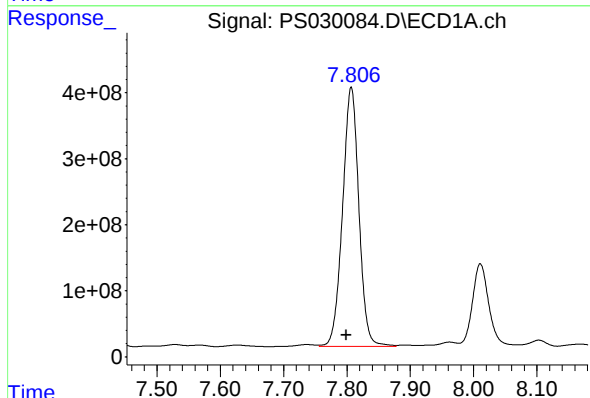
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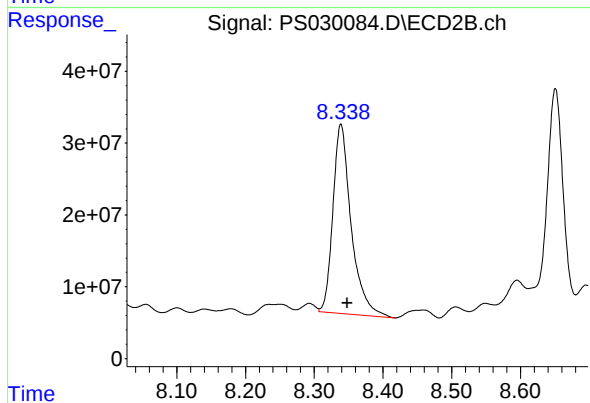
#7 MCPA

R.T.: 7.980 min
Delta R.T.: -0.015 min
Response: 87296569
Conc: 36.90 ug/ml



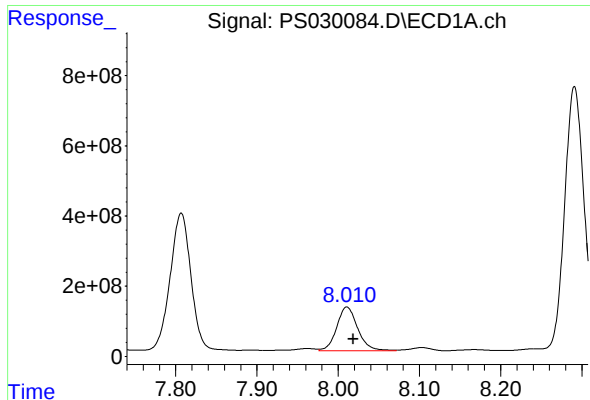
#8 DICHLORPROP

R.T.: 7.807 min
Delta R.T.: 0.008 min
Response: 7052930524
Conc: 2783.20 ng/ml



#8 DICHLORPROP

R.T.: 8.339 min
Delta R.T.: -0.009 min
Response: 485586401
Conc: 483.67 ng/ml



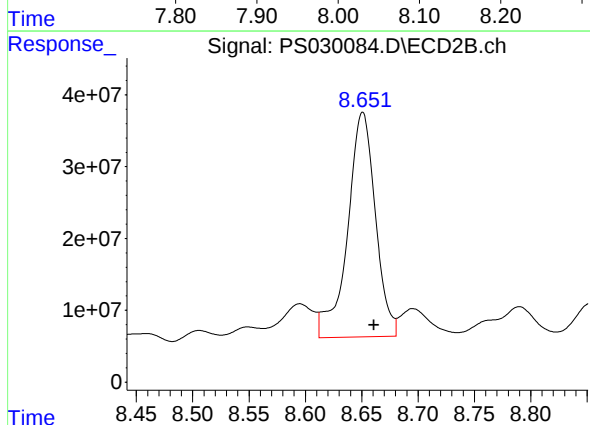
#9 2,4-D

R.T.: 8.011 min
Delta R.T.: -0.008 min
Response: 2255945780
Conc: 802.01 ng/ml

Instrument :
ECD_S
ClientSampleId :
SB2-4-5MS

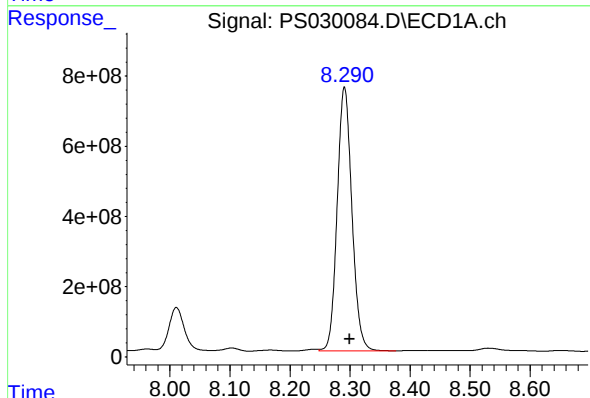
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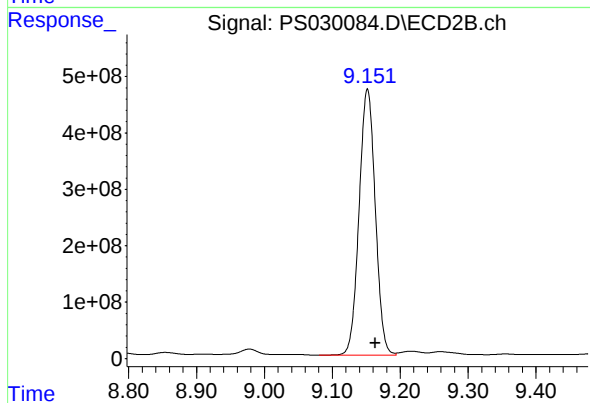
#9 2,4-D

R.T.: 8.651 min
Delta R.T.: -0.010 min
Response: 537873565
Conc: 477.22 ng/ml



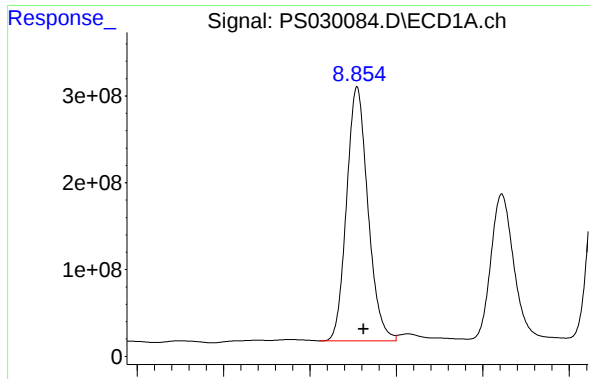
#10 Pentachlorophenol

R.T.: 8.291 min
Delta R.T.: -0.009 min
Response: 12840796661
Conc: 368.09 ng/ml



#10 Pentachlorophenol

R.T.: 9.152 min
Delta R.T.: -0.012 min
Response: 7821472535
Conc: 384.45 ng/ml



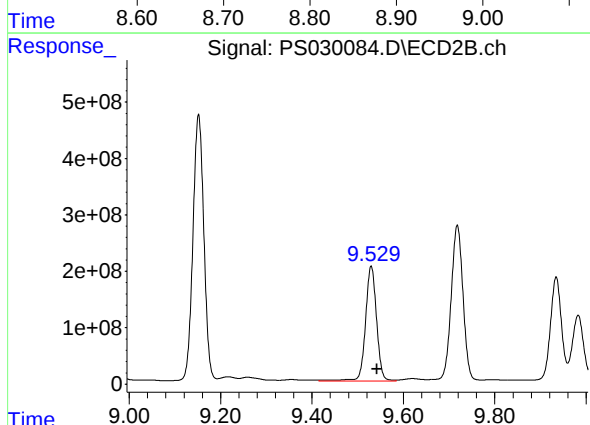
#11 2,4,5-TP (SILVEX)

R.T.: 8.854 min
Delta R.T.: -0.008 min
Response: 5019453694
Conc: 362.08 ng/ml

Instrument :
ECD_S
ClientSampleId :
SB2-4-5MS

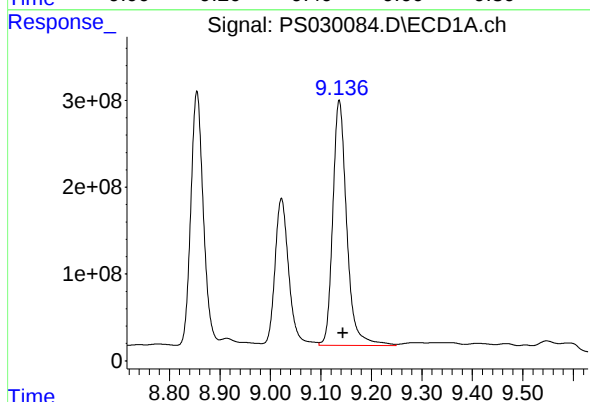
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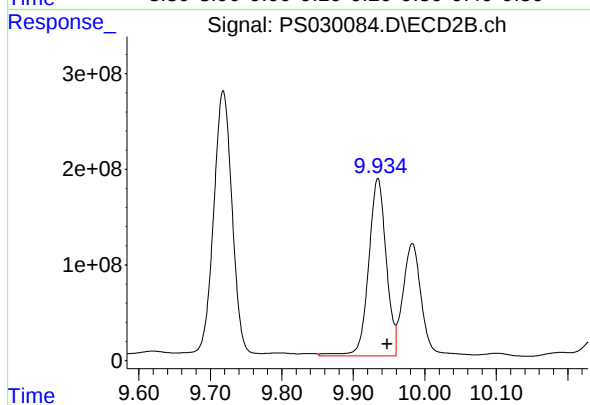
#11 2,4,5-TP (SILVEX)

R.T.: 9.530 min
Delta R.T.: -0.013 min
Response: 3446240758
Conc: 421.21 ng/ml



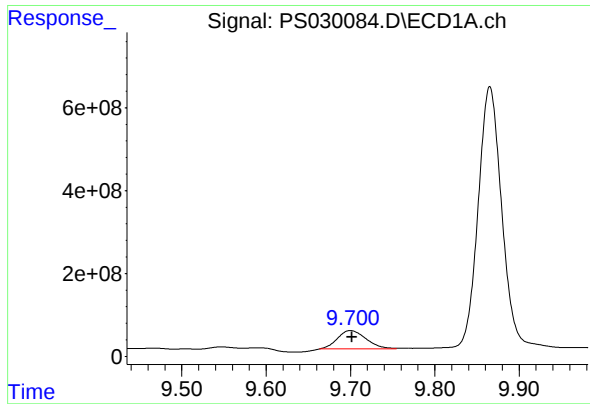
#12 2,4,5-T

R.T.: 9.136 min
Delta R.T.: -0.008 min
Response: 5423822166
Conc: 385.95 ng/ml



#12 2,4,5-T

R.T.: 9.934 min
Delta R.T.: -0.013 min
Response: 3178581230
Conc: 409.47 ng/ml



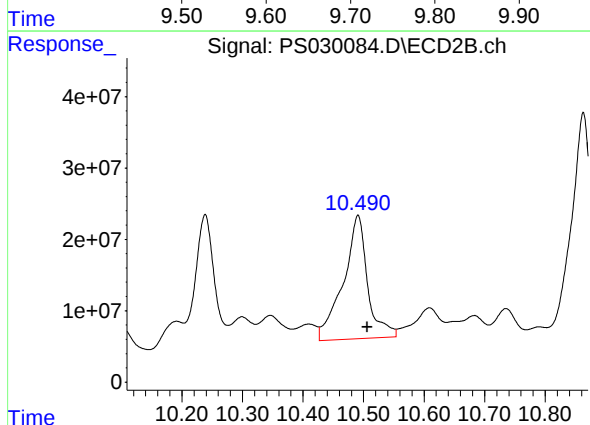
#13 2,4-DB

R.T.: 9.700 min
Delta R.T.: -0.002 min
Response: 1044062840
Conc: 456.85 ng/ml

Instrument :
ECD_S
ClientSampleId :
SB2-4-5MS

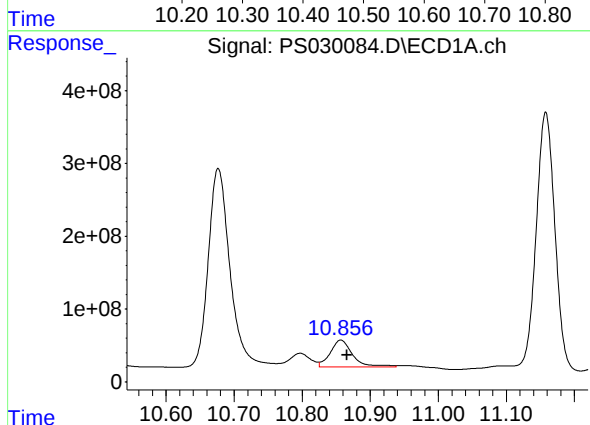
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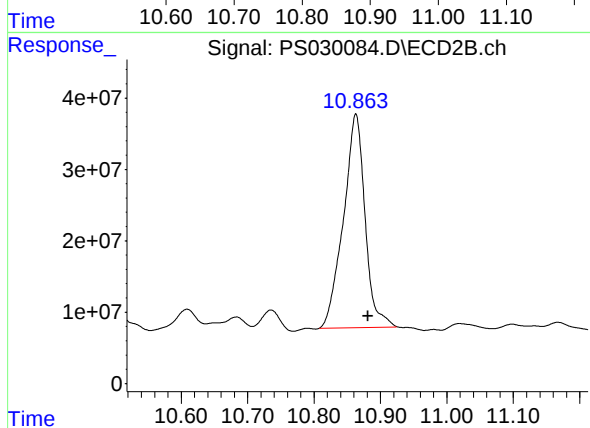
#13 2,4-DB

R.T.: 10.491 min
Delta R.T.: -0.016 min
Response: 483059575
Conc: 600.19 ng/ml



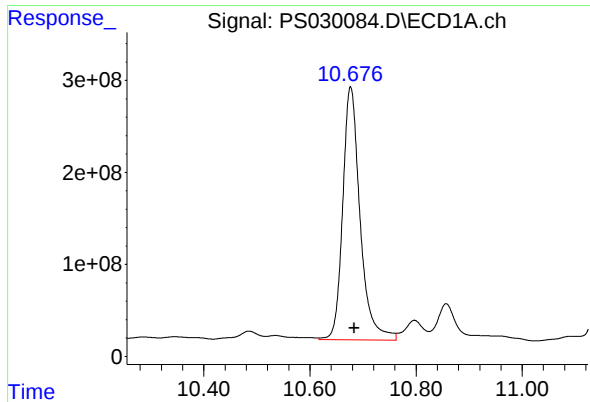
#14 DINOSEB

R.T.: 10.856 min
Delta R.T.: -0.010 min
Response: 845169732
Conc: 83.08 ng/ml m



#14 DINOSEB

R.T.: 10.863 min
Delta R.T.: -0.019 min
Response: 678905465
Conc: 116.43 ng/ml m



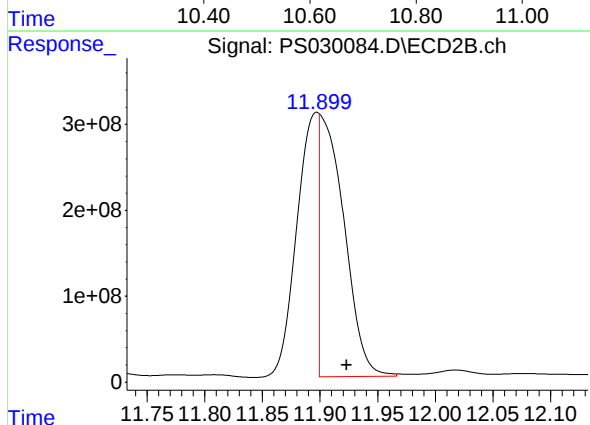
#15 Picloram

R.T.: 10.677 min
Delta R.T.: -0.007 min
Response: 6261234624
Conc: 341.57 ng/ml

Instrument :
ECD_S
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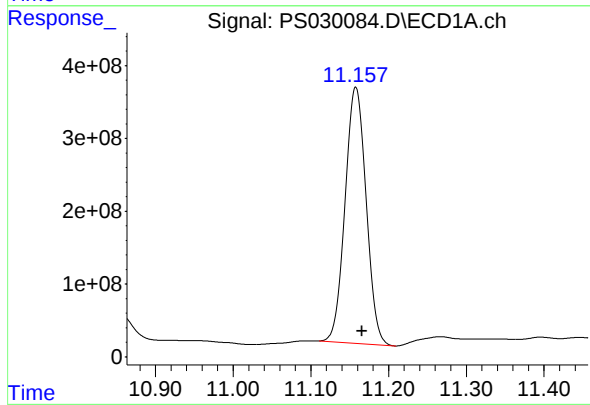
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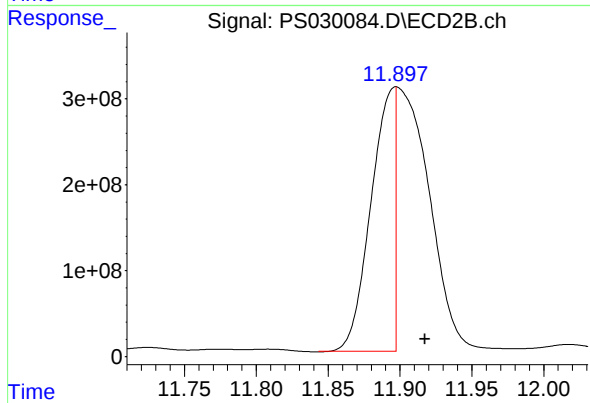
#15 Picloram

R.T.: 11.899 min
Delta R.T.: -0.024 min
Response: 4491480752
Conc: 365.65 ng/ml m



#16 DCPA

R.T.: 11.158 min
Delta R.T.: -0.008 min
Response: 6612677253
Conc: 388.50 ng/ml



#16 DCPA

R.T.: 11.897 min
Delta R.T.: -0.020 min
Response: 3525467423
Conc: 312.77 ng/ml m