

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS040925\
 Data File : PS029767.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Apr 2025 22:10
 Operator : AR\AJ
 Sample : Q1739-02MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 WC-LIQUID-20250404MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/10/2025
 Supervised By :mohammad ahmed 04/11/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 10 06:41:23 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS040225.M
 Quant Title : 8080.M
 QLast Update : Wed Apr 02 23:52:55 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	6.942	7.469	1209.4E6	447.1E6	593.207	656.002
Target Compounds							
1) T	Dalapon	2.456	2.530	1811.3E6	953.9E6	533.925	600.870
2) T	3,5-DICHL...	6.148	6.465	1768.2E6	592.7E6	587.878	613.865
3) T	4-Nitroph...	6.733	7.002	769.1E6	391.1E6	547.506	551.601
5) T	DICAMBA	7.118	7.655	4339.5E6	2094.0E6	521.456	566.951
6) T	MCP	7.296	7.761	336.5E6	89759176	62.085	53.160m
7) T	MCPA	7.438	7.991	439.0E6	161.6E6	60.398m	71.038
8) T	DICHLORPROP	7.798	8.349	1167.4E6	661.9E6	530.751	685.070 #
9) T	2,4-D	8.018	8.662	1409.9E6	647.0E6	585.137	599.934
10) T	Pentachlo...	8.297	9.163	15392.3E6	10502.8E6	506.244	585.844
11) T	2,4,5-TP ...	8.861	9.541	6201.6E6	4468.7E6	533.916m	619.541
12) T	2,4,5-T	9.143	9.945	5778.0E6	3824.0E6	502.243	570.509
13) T	2,4-DB	9.702	10.502	702.5E6	374.4E6	386.667	504.600 #
14) T	DINOSEB	10.864	10.874	2841.4E6	2046.1E6	336.583	400.182
15) T	Picloram	10.682	11.907	6873.3E6	5045.5E6	443.430	426.700m
16) T	DCPA	11.164	11.900	6188.4E6	5335.8E6	443.099	602.875m#

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

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Acq On : 09 Apr 2025 22:10
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Sample : Q1739-02MSD
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ALS Vial : 15 Sample Multiplier: 1

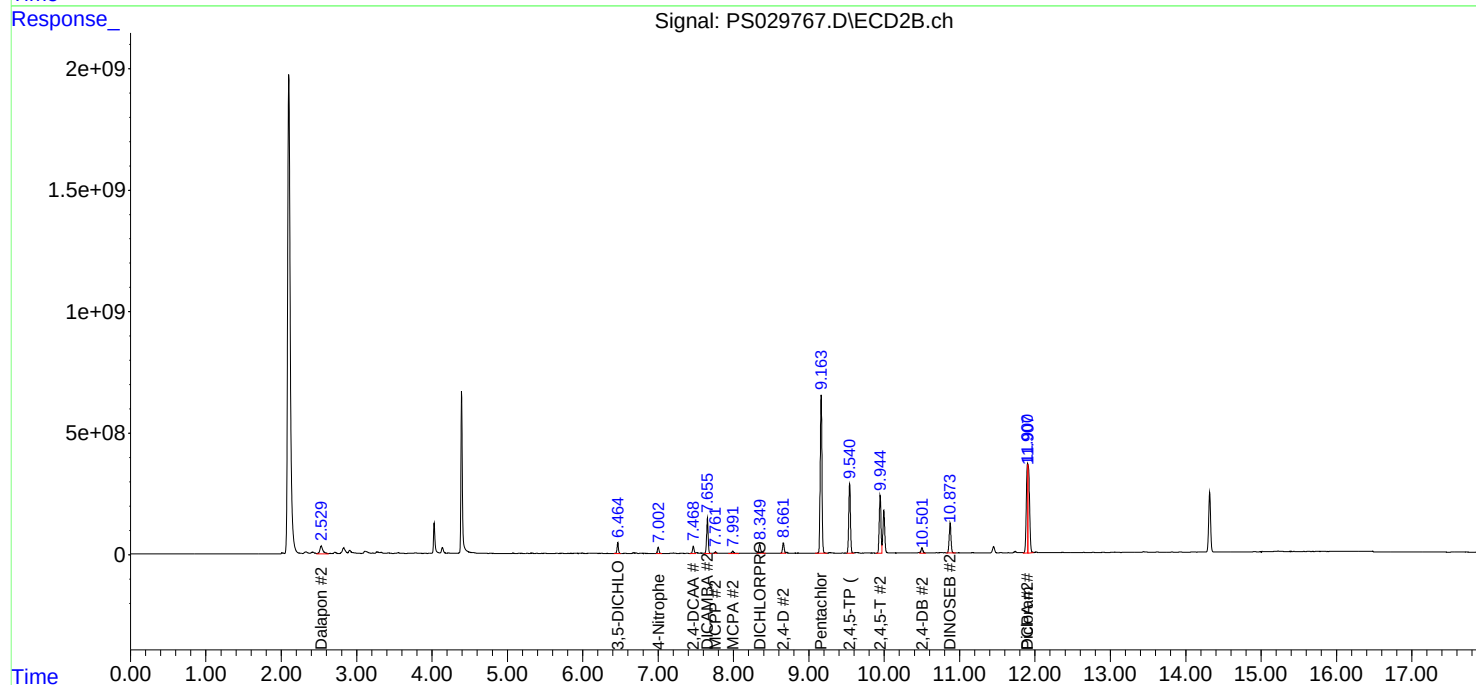
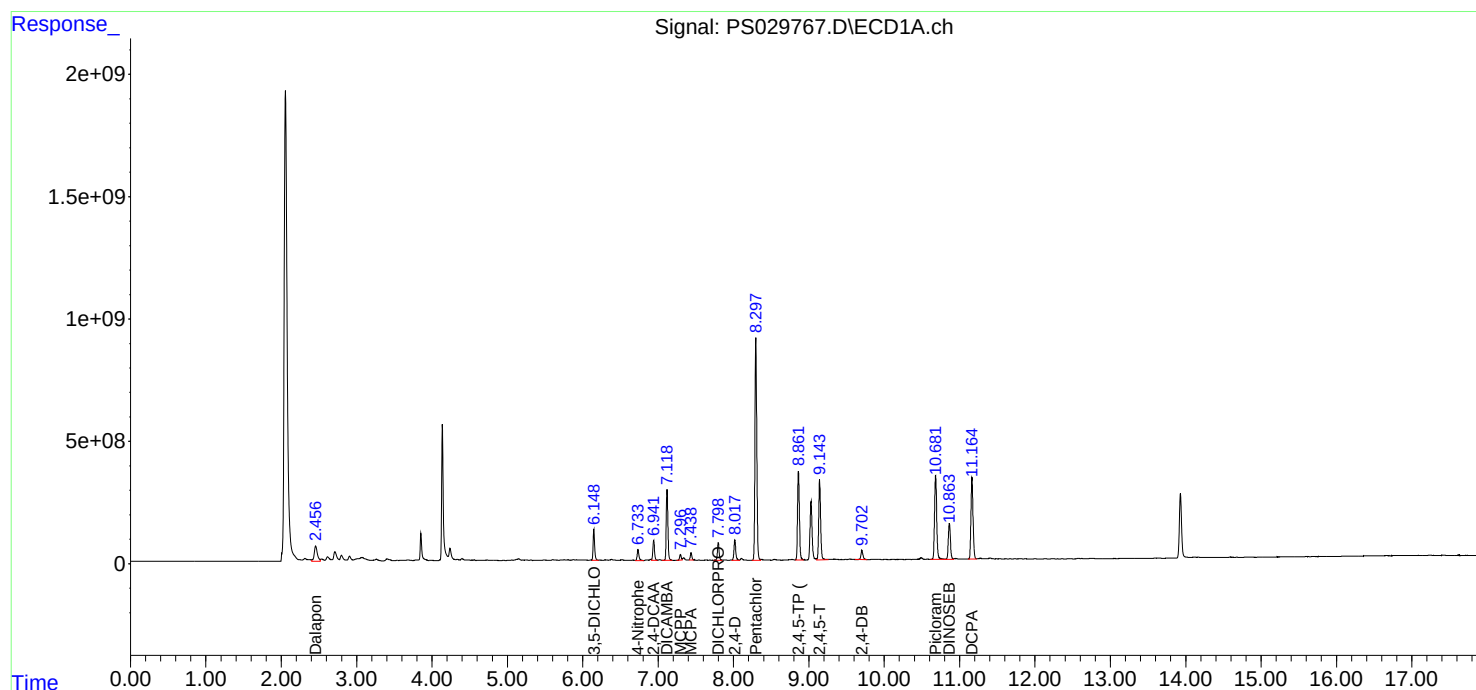
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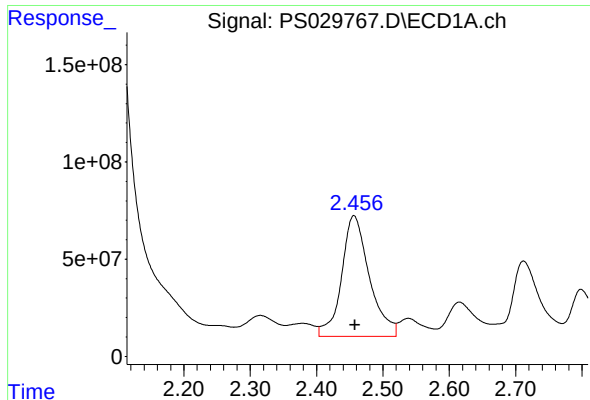
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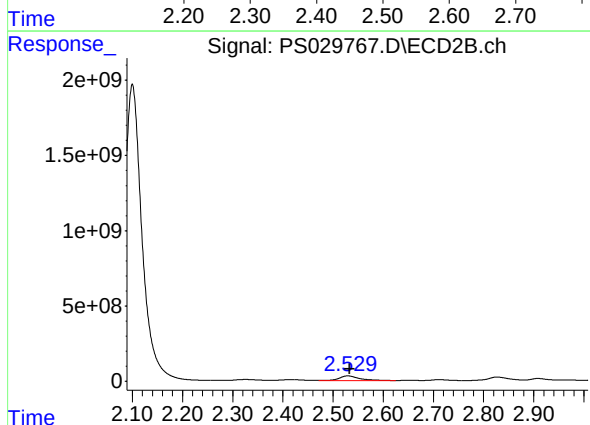
#1 Dalapon

R.T.: 2.456 min
Delta R.T.: -0.002 min
Response: 1811284774
Conc: 533.92 ng/ml

Instrument :
ECD_S
ClientSampleId :
WC-LIQUID-20250404MSD

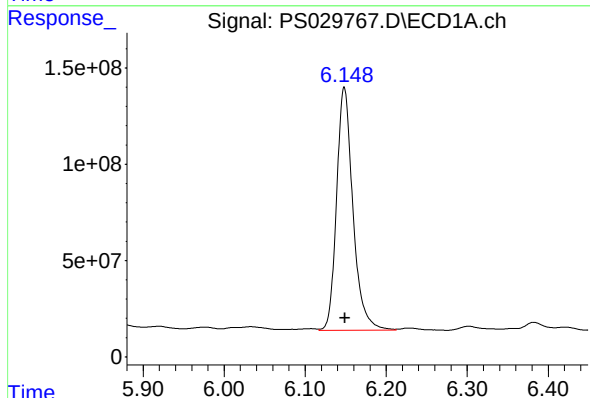
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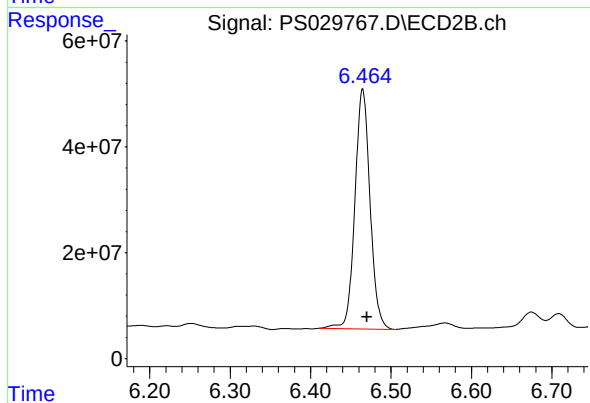
#1 Dalapon

R.T.: 2.530 min
Delta R.T.: -0.004 min
Response: 953938562
Conc: 600.87 ng/ml



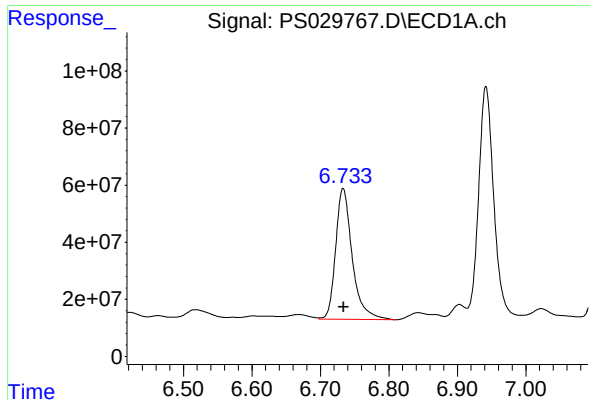
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.148 min
Delta R.T.: 0.000 min
Response: 1768196086
Conc: 587.88 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.465 min
Delta R.T.: -0.005 min
Response: 592721651
Conc: 613.86 ng/ml



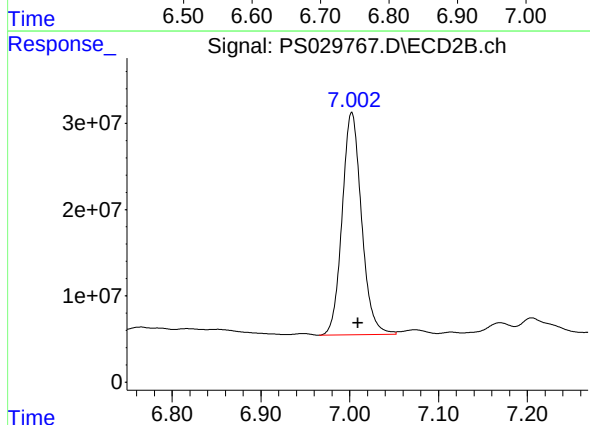
#3 4-Nitrophenol

R.T.: 6.733 min
Delta R.T.: 0.000 min
Response: 769135251
Conc: 547.51 ng/ml

Instrument :
ECD_S
ClientSampleId :
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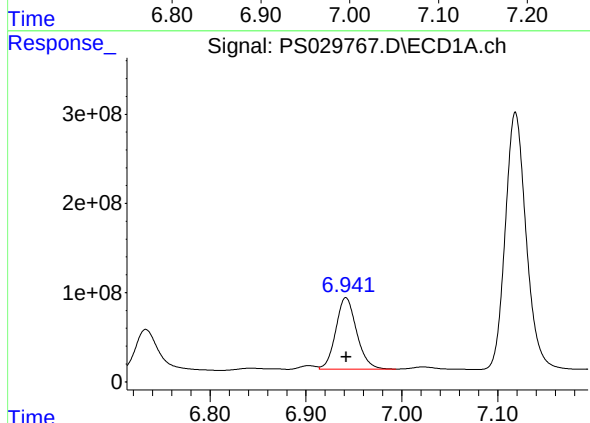
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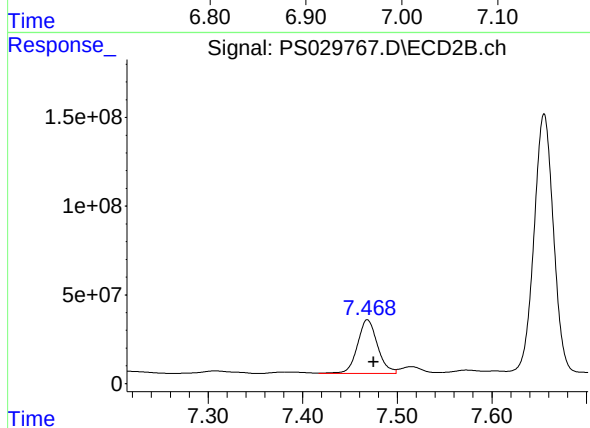
#3 4-Nitrophenol

R.T.: 7.002 min
Delta R.T.: -0.007 min
Response: 391083907
Conc: 551.60 ng/ml



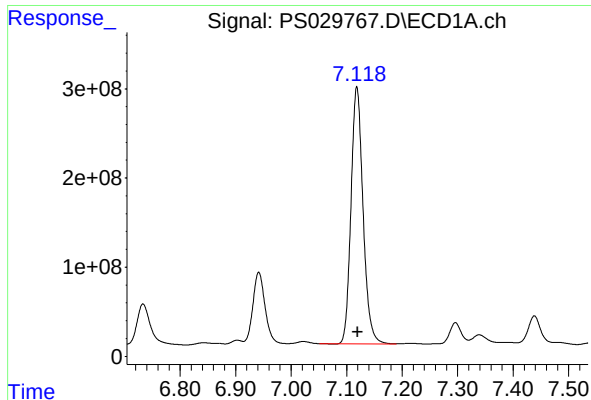
#4 2,4-DCAA

R.T.: 6.942 min
Delta R.T.: 0.000 min
Response: 1209448864
Conc: 593.21 ng/ml



#4 2,4-DCAA

R.T.: 7.469 min
Delta R.T.: -0.006 min
Response: 447073584
Conc: 656.00 ng/ml



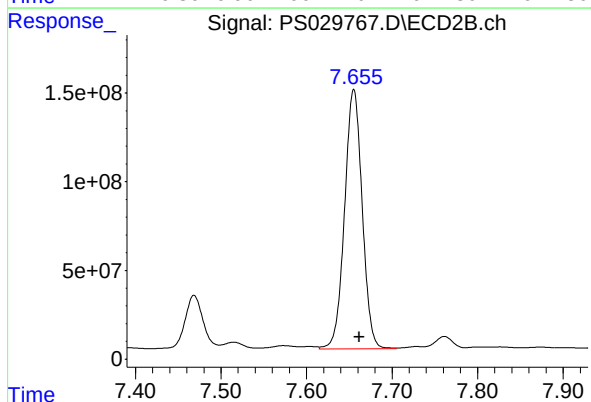
#5 DICAMBA

R.T.: 7.118 min
Delta R.T.: -0.002 min
Response: 4339524019
Conc: 521.46 ng/ml

Instrument :
ECD_S
ClientSampleId :
WC-LIQUID-20250404MSD

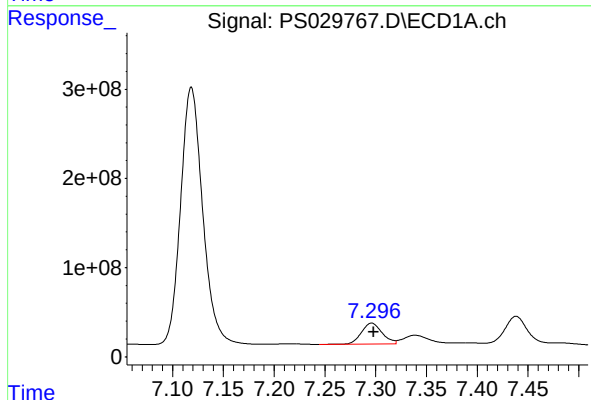
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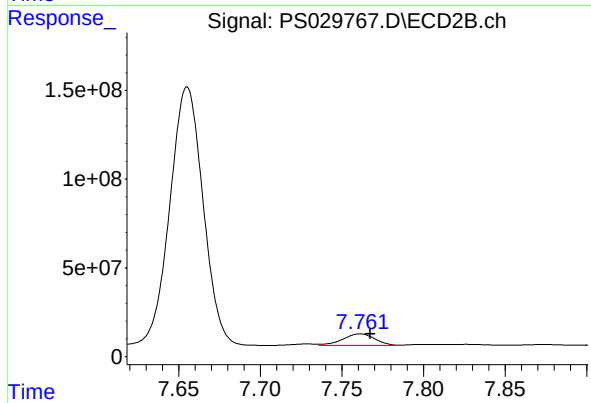
#5 DICAMBA

R.T.: 7.655 min
Delta R.T.: -0.006 min
Response: 2093959219
Conc: 566.95 ng/ml



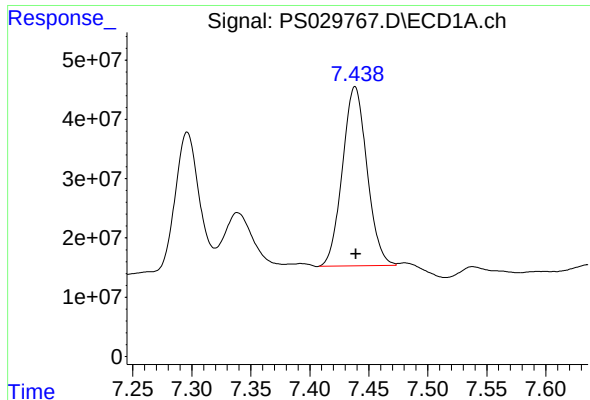
#6 MCPP

R.T.: 7.296 min
Delta R.T.: -0.002 min
Response: 336494897
Conc: 62.09 ug/ml



#6 MCPP

R.T.: 7.761 min
Delta R.T.: -0.007 min
Response: 89759176
Conc: 53.16 ug/ml m



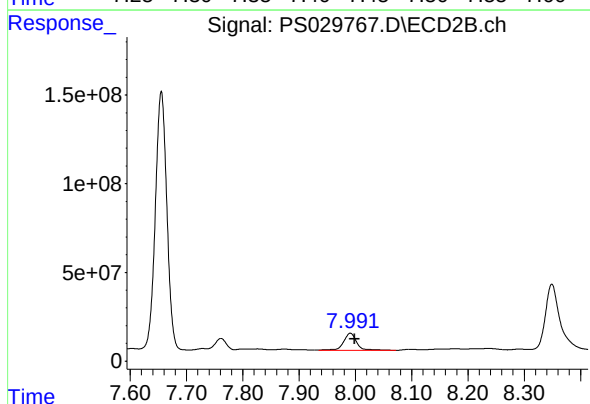
#7 MCPA

R.T.: 7.438 min
Delta R.T.: -0.001 min
Response: 439035885
Conc: 60.40 ug/ml

Instrument :
ECD_S
ClientSampleId :
WC-LIQUID-20250404MSD

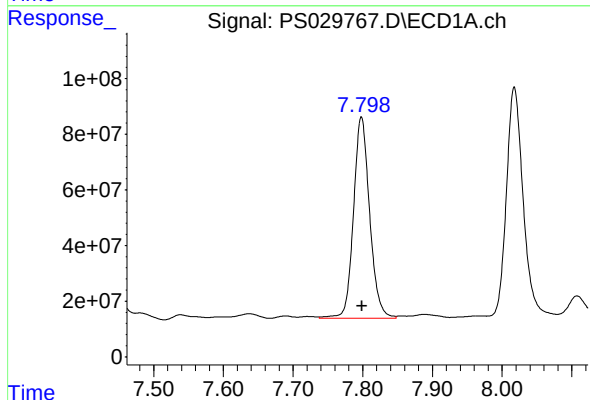
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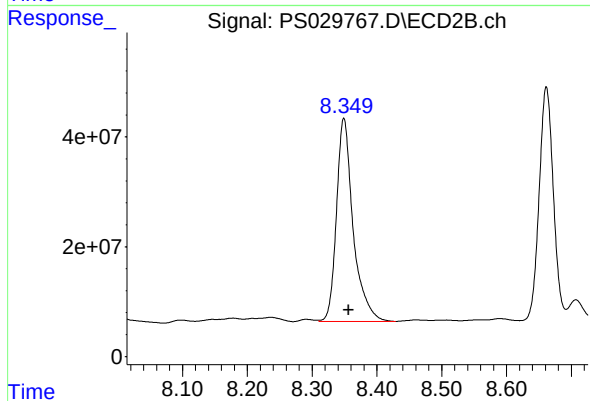
#7 MCPA

R.T.: 7.991 min
Delta R.T.: -0.008 min
Response: 161630659
Conc: 71.04 ug/ml



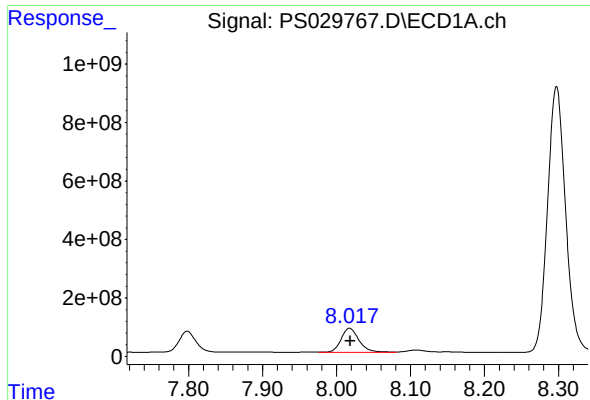
#8 DICHLORPROP

R.T.: 7.798 min
Delta R.T.: 0.000 min
Response: 1167353547
Conc: 530.75 ng/ml



#8 DICHLORPROP

R.T.: 8.349 min
Delta R.T.: -0.007 min
Response: 661882388
Conc: 685.07 ng/ml



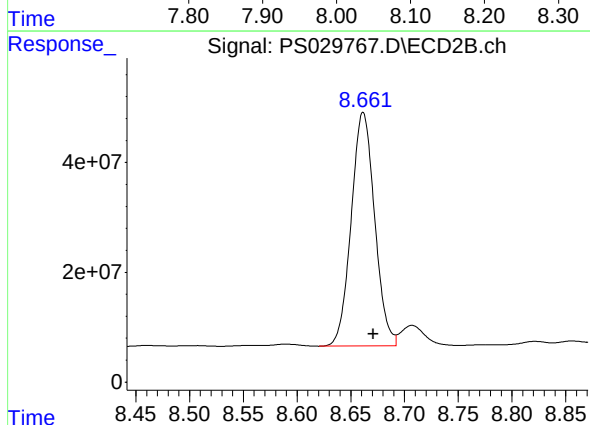
#9 2,4-D

R.T.: 8.018 min
Delta R.T.: -0.001 min
Response: 1409941199
Conc: 585.14 ng/ml

Instrument :
ECD_S
ClientSampleId :
WC-LIQUID-20250404MSD

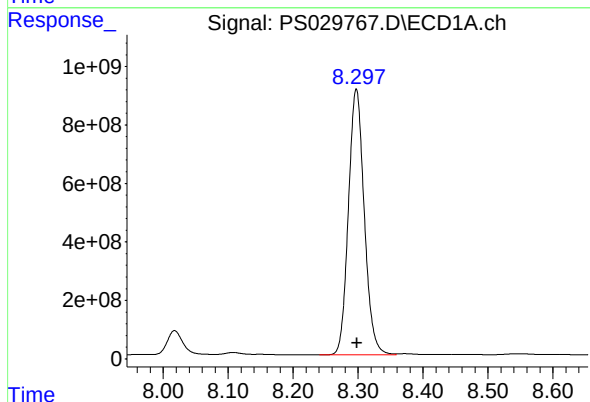
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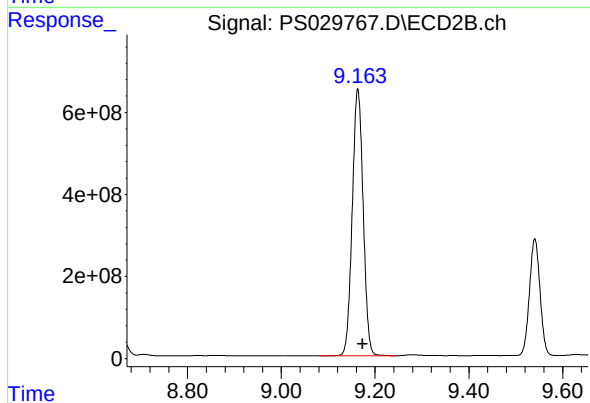
#9 2,4-D

R.T.: 8.662 min
Delta R.T.: -0.009 min
Response: 647008012
Conc: 599.93 ng/ml



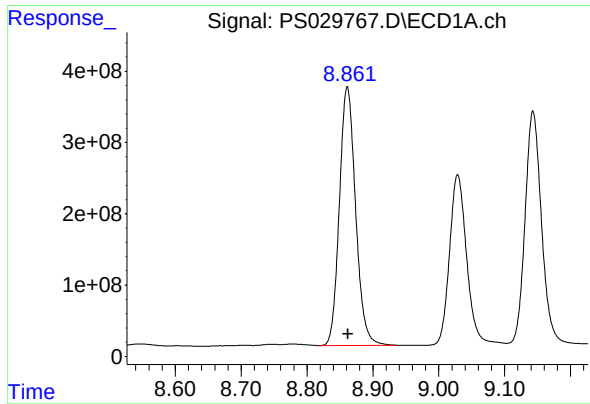
#10 Pentachlorophenol

R.T.: 8.297 min
Delta R.T.: 0.000 min
Response: 15392335796
Conc: 506.24 ng/ml



#10 Pentachlorophenol

R.T.: 9.163 min
Delta R.T.: -0.010 min
Response: 10502844741
Conc: 585.84 ng/ml



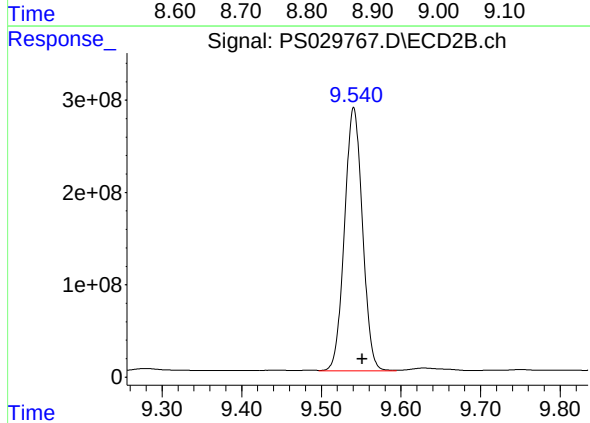
#11 2,4,5-TP (SILVEX)

R.T.: 8.861 min
Delta R.T.: -0.001 min
Response: 6201619319
Conc: 533.92 ng/ml

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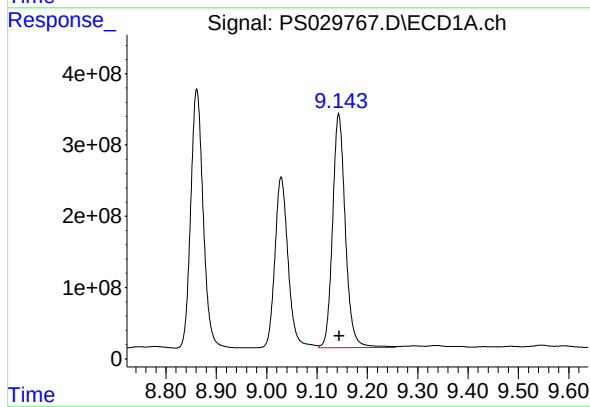
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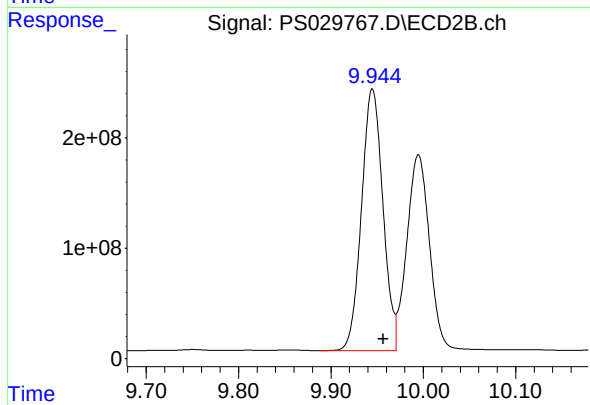
#11 2,4,5-TP (SILVEX)

R.T.: 9.541 min
Delta R.T.: -0.011 min
Response: 4468720595
Conc: 619.54 ng/ml



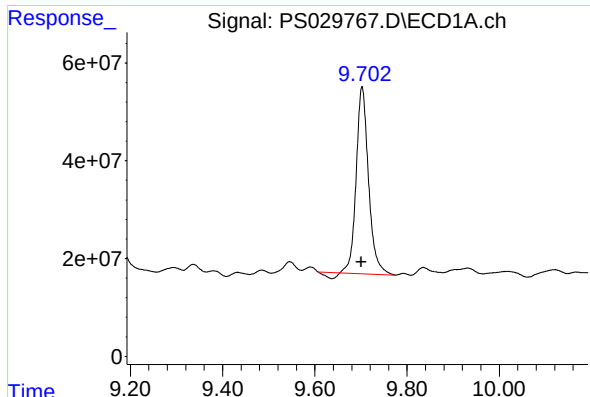
#12 2,4,5-T

R.T.: 9.143 min
Delta R.T.: 0.000 min
Response: 5778018555
Conc: 502.24 ng/ml



#12 2,4,5-T

R.T.: 9.945 min
Delta R.T.: -0.012 min
Response: 3824028337
Conc: 570.51 ng/ml



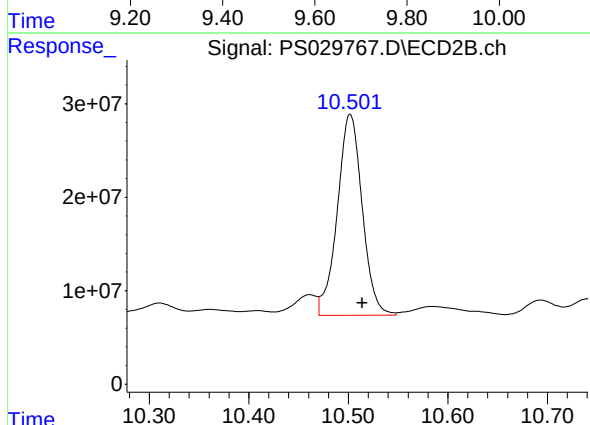
#13 2,4-DB

R.T.: 9.702 min
Delta R.T.: 0.001 min
Response: 702474537
Conc: 386.67 ng/ml

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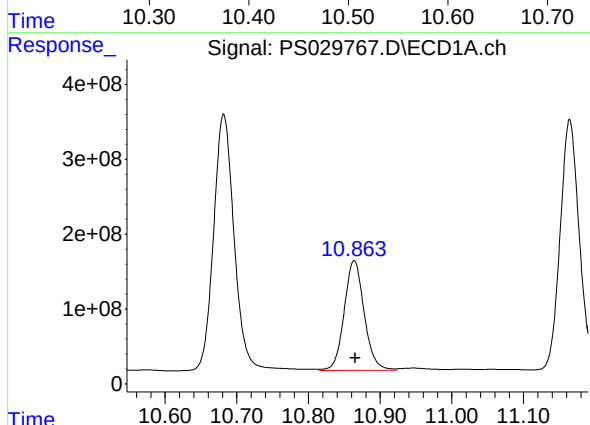
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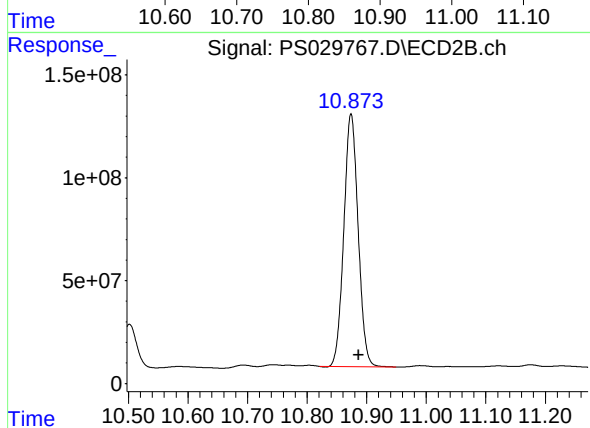
#13 2,4-DB

R.T.: 10.502 min
Delta R.T.: -0.012 min
Response: 374400550
Conc: 504.60 ng/ml



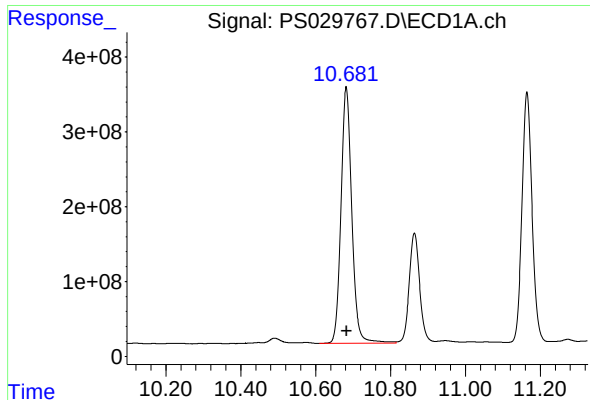
#14 DINOSEB

R.T.: 10.864 min
Delta R.T.: -0.001 min
Response: 2841443880
Conc: 336.58 ng/ml



#14 DINOSEB

R.T.: 10.874 min
Delta R.T.: -0.013 min
Response: 2046053374
Conc: 400.18 ng/ml



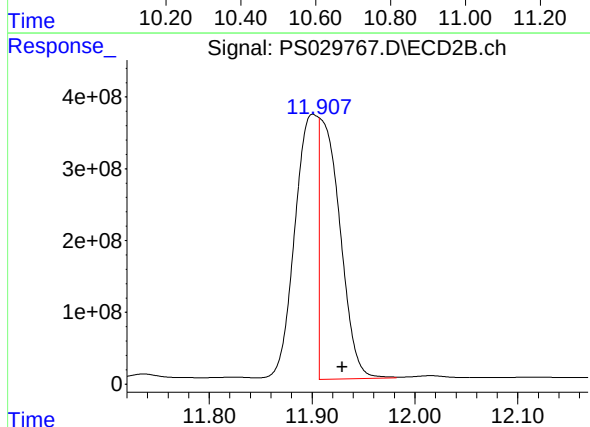
#15 Picloram

R.T.: 10.682 min
Delta R.T.: -0.001 min
Response: 6873341227
Conc: 443.43 ng/ml

Instrument :
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ClientSampleId :
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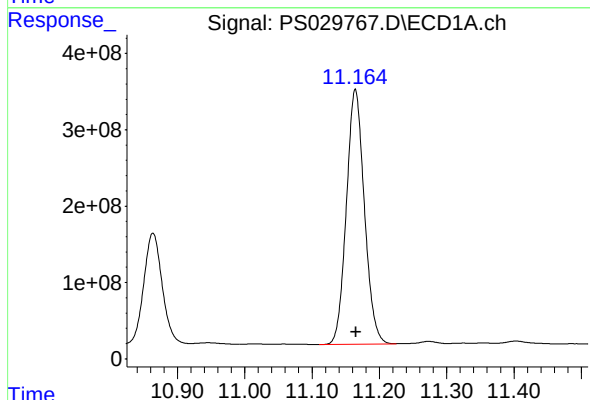
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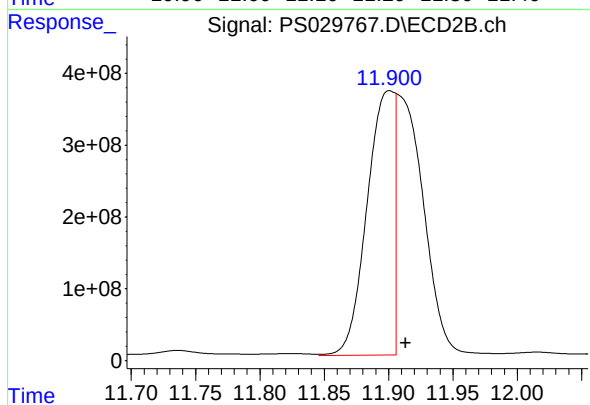
#15 Picloram

R.T.: 11.907 min
Delta R.T.: -0.023 min
Response: 5045482110
Conc: 426.70 ng/ml m



#16 DCPA

R.T.: 11.164 min
Delta R.T.: 0.000 min
Response: 6188374100
Conc: 443.10 ng/ml



#16 DCPA

R.T.: 11.900 min
Delta R.T.: -0.013 min
Response: 5335845273
Conc: 602.88 ng/ml m