

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS092925\
 Data File : PS031869.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Sep 2025 18:30
 Operator : AR\AJ
 Sample : PB169875BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PB169875BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/30/2025
 Supervised By :mohammad ahmed 10/01/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 30 02:27:07 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS090925.M
 Quant Title : 8080.M
 QLast Update : Tue Sep 09 13:56:38 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	7.280	7.741	2030.6E6	534.9E6	563.815m	588.549
Target Compounds							
1) T	Dalapon	2.669	2.691	2667.8E6	1339.1E6	461.504	475.254
2) T	3,5-DICHL...	6.449	6.694	2942.9E6	859.6E6	551.788	563.656
3) T	4-Nitroph...	7.091	7.296	672.0E6	589.4E6	609.154	466.734
5) T	DICAMBA	7.465	7.936	8822.5E6	3628.1E6	565.662	557.574
6) T	MCPD	7.643	8.033	504.4E6	106.3E6	56.422	56.438
7) T	MCPA	7.792	8.280	624.2E6	152.8E6	56.178	54.530
8) T	DICHLORPROP	8.172	8.655	2023.2E6	847.0E6	568.041	582.081
9) T	2,4-D	8.408	8.998	1991.1E6	910.5E6	581.226	553.452
10) T	Pentachlo...	8.704	9.505	34227.9E6	23880.5E6	644.667	601.668
11) T	2,4,5-TP ...	9.281	9.889	12358.7E6	8515.5E6	589.246	565.654
12) T	2,4,5-T	9.576	10.319	11093.9E6	7536.0E6	606.282	560.003
13) T	2,4-DB	10.152	10.887	1496.5E6	515.7E6	641.503	481.960
14) T	DINOSEB	11.349	11.262	9082.5E6	6121.8E6	629.737	629.772
15) T	Picloram	11.176	12.383	10747.1E6	11741.2E6	596.693	495.758
16) T	DCPA	11.648	12.303	16530.1E6	13801.5E6	613.365	572.580m

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

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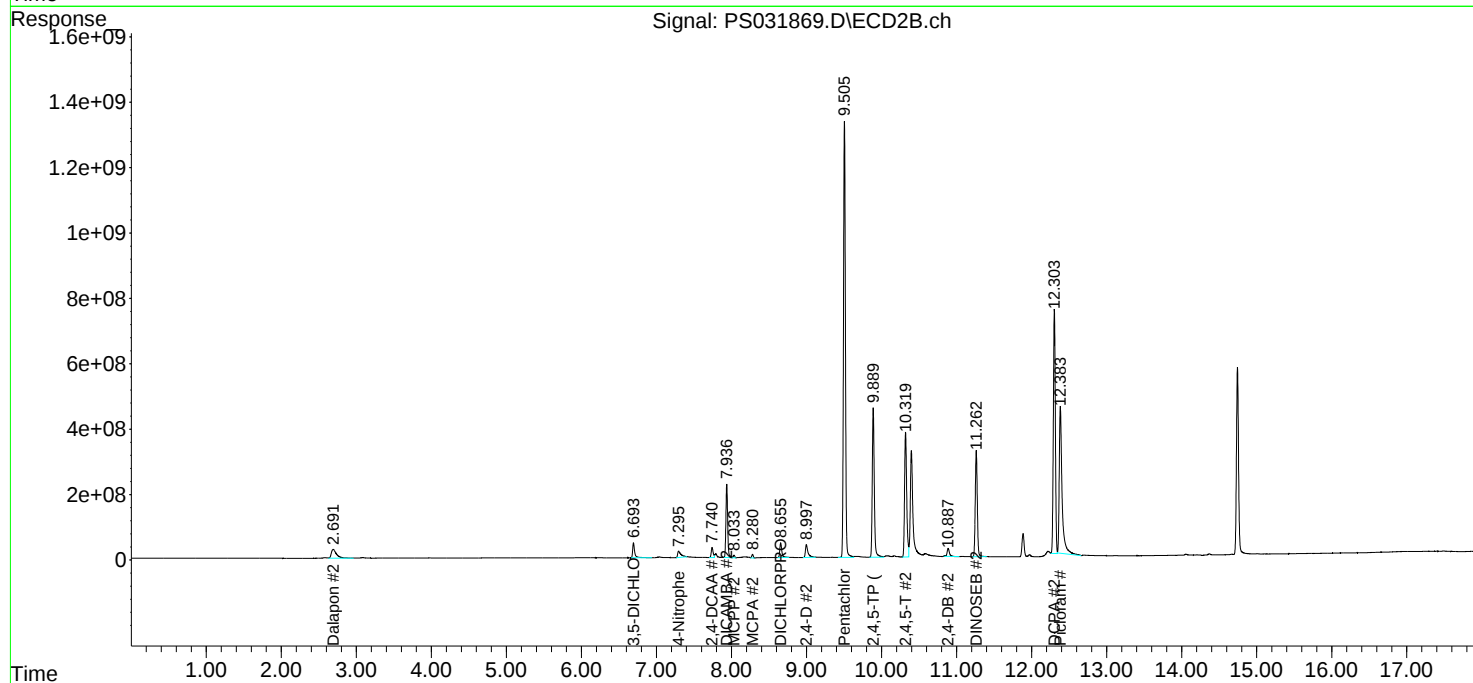
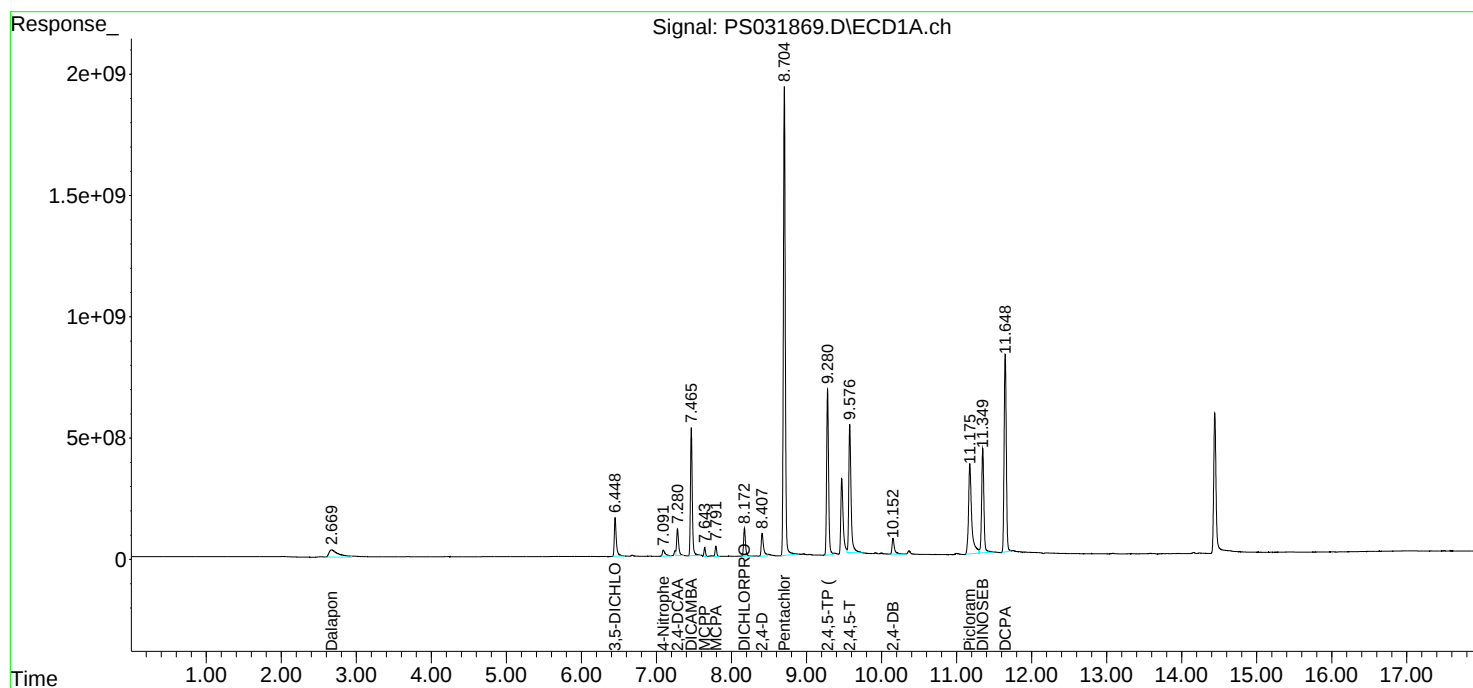
Instrument :
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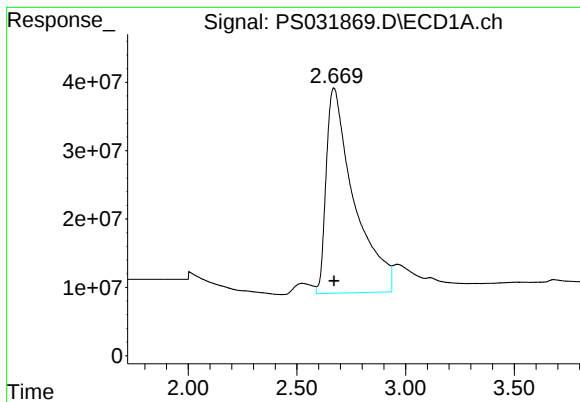
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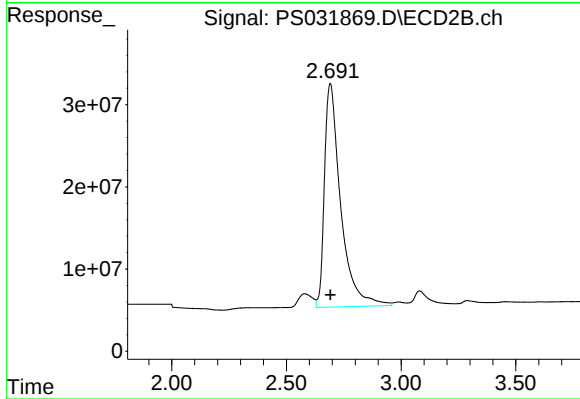
#1 Dalapon

R.T.: 2.669 min
Delta R.T.: -0.002 min
Response: 2667834647
Conc: 461.50 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB169875BS

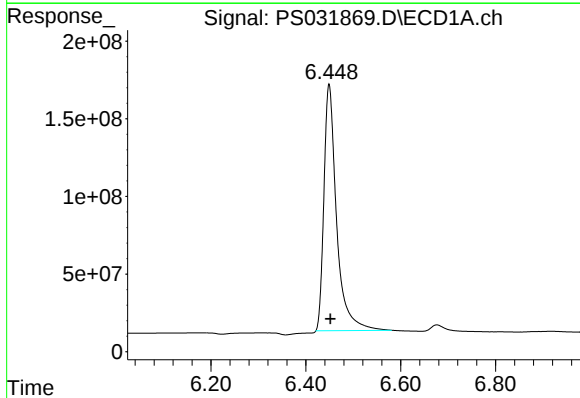
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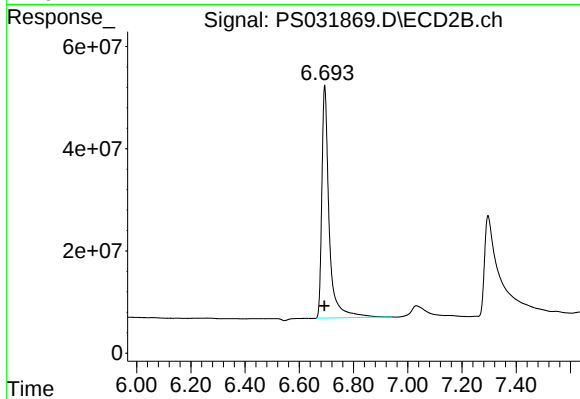
#1 Dalapon

R.T.: 2.691 min
Delta R.T.: 0.000 min
Response: 1339089554
Conc: 475.25 ng/ml



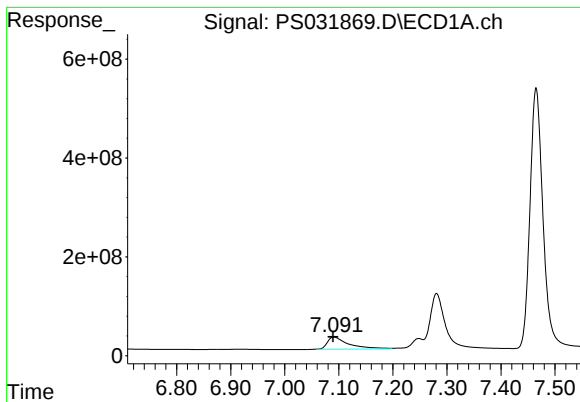
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.449 min
Delta R.T.: -0.002 min
Response: 2942884642
Conc: 551.79 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.694 min
Delta R.T.: 0.000 min
Response: 859556416
Conc: 563.66 ng/ml



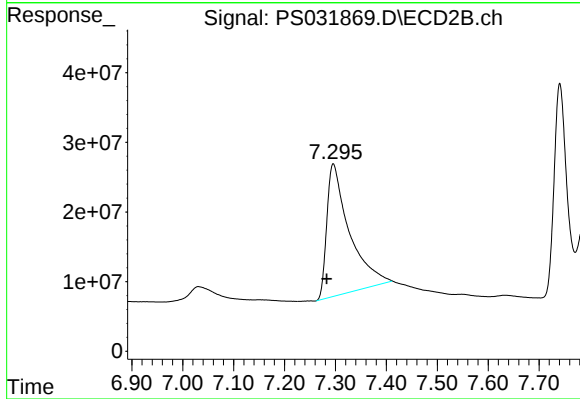
#3 4-Nitrophenol

R.T.: 7.091 min
Delta R.T.: 0.002 min
Response: 672024634
Conc: 609.15 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB169875BS

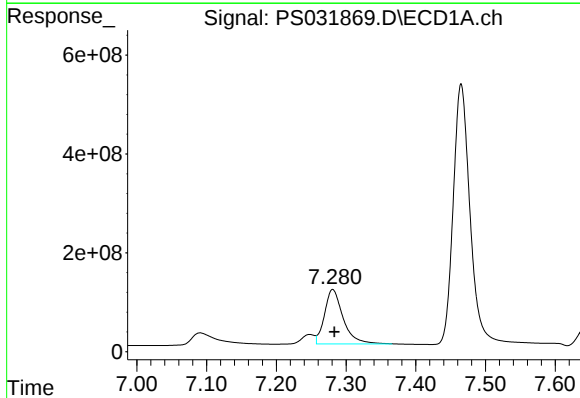
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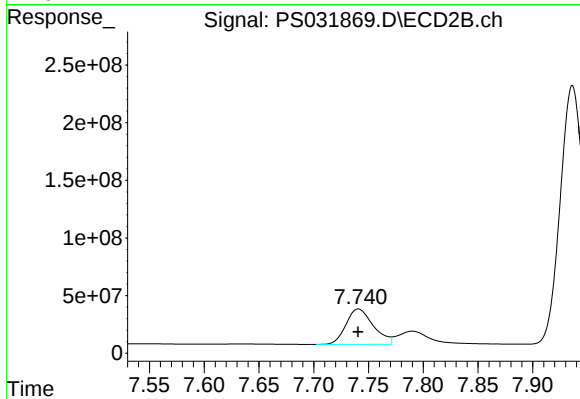
#3 4-Nitrophenol

R.T.: 7.296 min
Delta R.T.: 0.013 min
Response: 589384817
Conc: 466.73 ng/ml



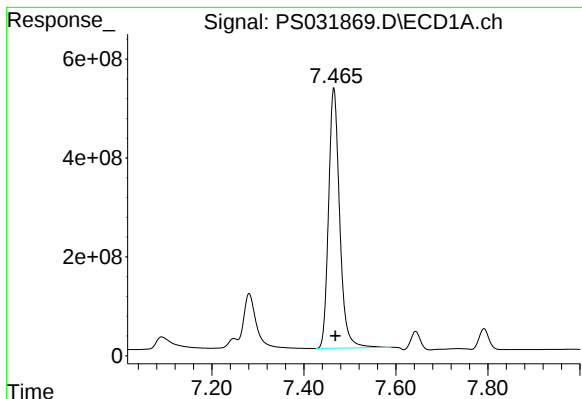
#4 2,4-DCAA

R.T.: 7.280 min
Delta R.T.: -0.003 min
Response: 2030595735
Conc: 563.82 ng/ml m



#4 2,4-DCAA

R.T.: 7.741 min
Delta R.T.: 0.000 min
Response: 534931473
Conc: 588.55 ng/ml



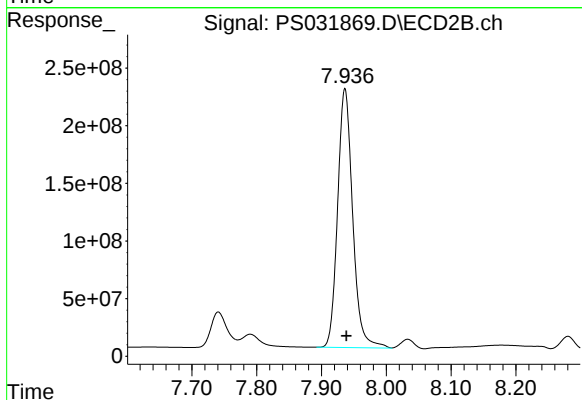
#5 DICAMBA

R.T.: 7.465 min
Delta R.T.: -0.004 min
Response: 8822472674
Conc: 565.66 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB169875BS

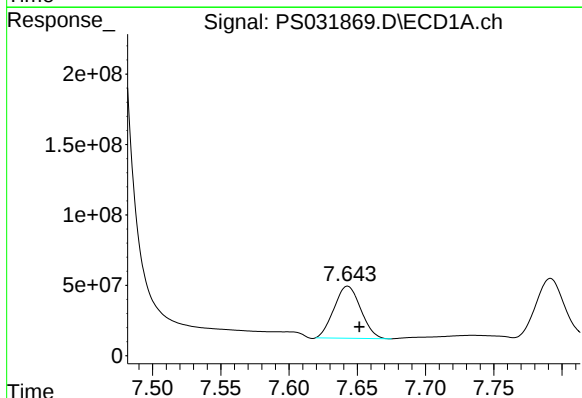
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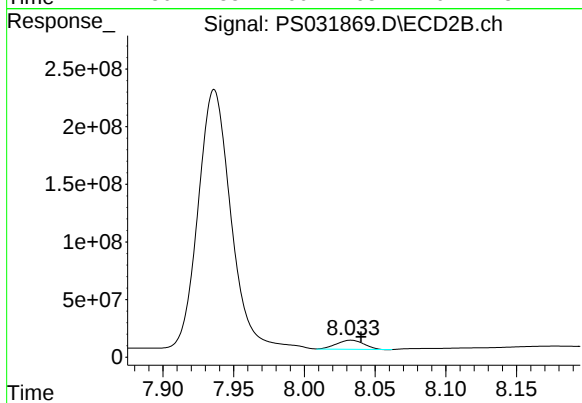
#5 DICAMBA

R.T.: 7.936 min
Delta R.T.: -0.002 min
Response: 3628050000
Conc: 557.57 ng/ml



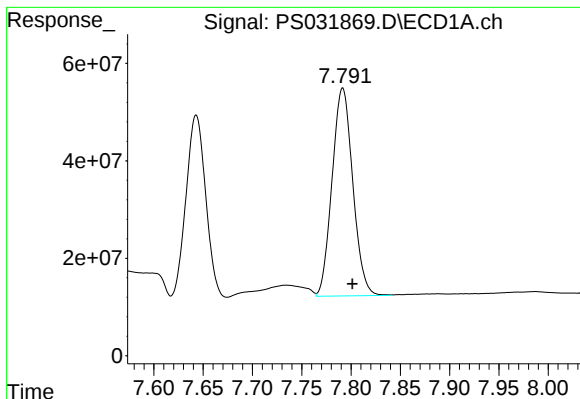
#6 MCP

R.T.: 7.643 min
Delta R.T.: -0.009 min
Response: 504366412
Conc: 56.42 ug/ml



#6 MCP

R.T.: 8.033 min
Delta R.T.: -0.007 min
Response: 106295091
Conc: 56.44 ug/ml



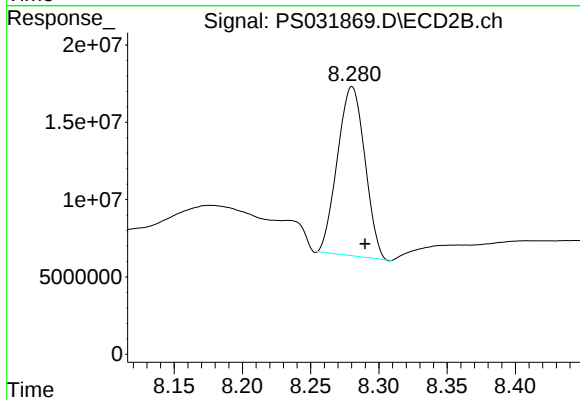
#7 MCPA

R.T.: 7.792 min
Delta R.T.: -0.010 min
Response: 624166734
Conc: 56.18 ug/ml

Instrument :
ECD_S
ClientSampleId :
PB169875BS

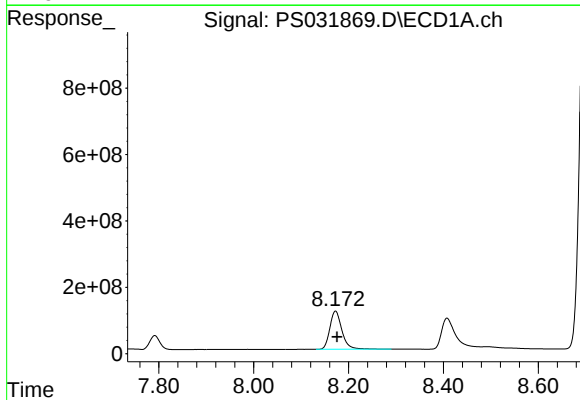
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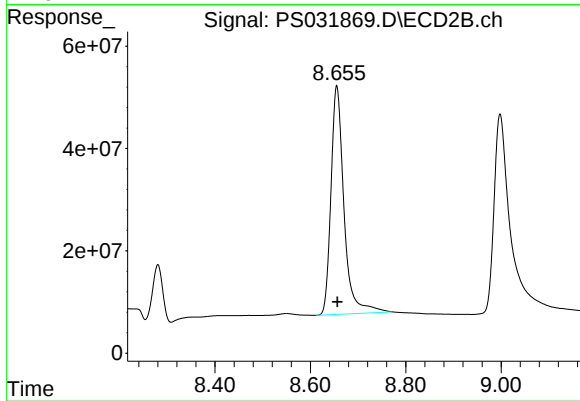
#7 MCPA

R.T.: 8.280 min
Delta R.T.: -0.010 min
Response: 152751459
Conc: 54.53 ug/ml



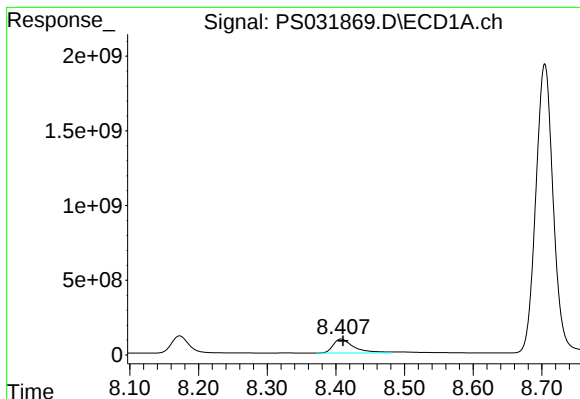
#8 DICHLORPROP

R.T.: 8.172 min
Delta R.T.: -0.004 min
Response: 2023225759
Conc: 568.04 ng/ml



#8 DICHLORPROP

R.T.: 8.655 min
Delta R.T.: -0.001 min
Response: 846962636
Conc: 582.08 ng/ml



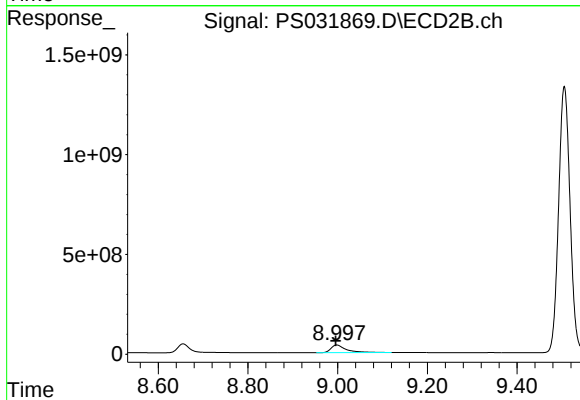
#9 2,4-D

R.T.: 8.408 min
Delta R.T.: -0.003 min
Response: 1991069674
Conc: 581.23 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB169875BS

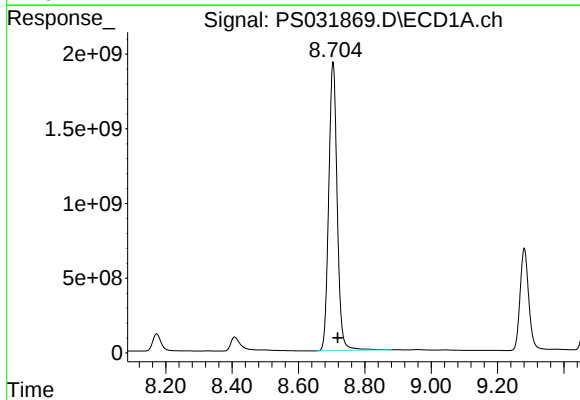
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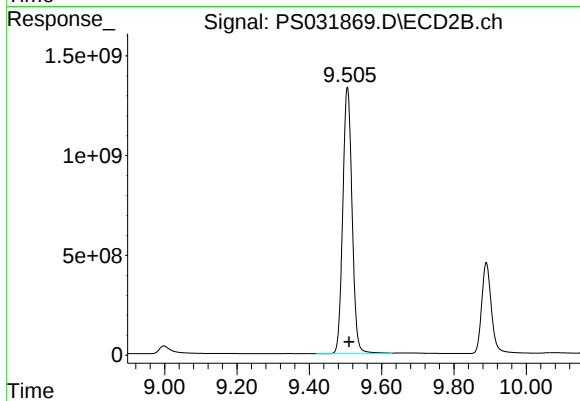
#9 2,4-D

R.T.: 8.998 min
Delta R.T.: 0.002 min
Response: 910490547
Conc: 553.45 ng/ml



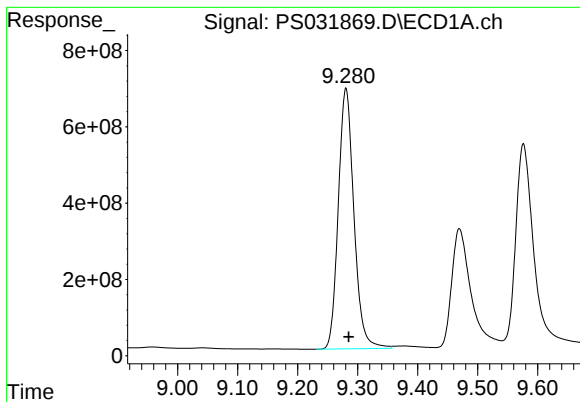
#10 Pentachlorophenol

R.T.: 8.704 min
Delta R.T.: -0.015 min
Response: 34227865785
Conc: 644.67 ng/ml



#10 Pentachlorophenol

R.T.: 9.505 min
Delta R.T.: -0.004 min
Response: 23880508262
Conc: 601.67 ng/ml



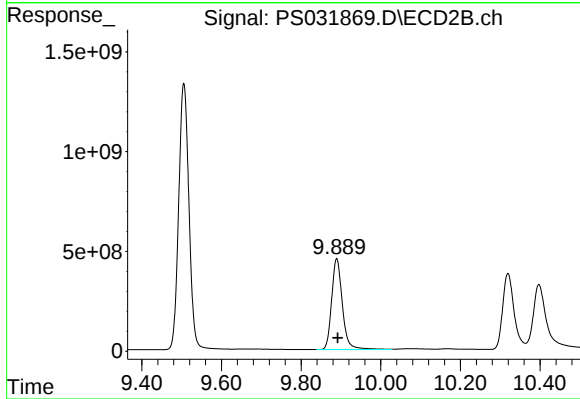
#11 2,4,5-TP (SILVEX)

R.T.: 9.281 min
Delta R.T.: -0.005 min
Response: 12358668497
Conc: 589.25 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB169875BS

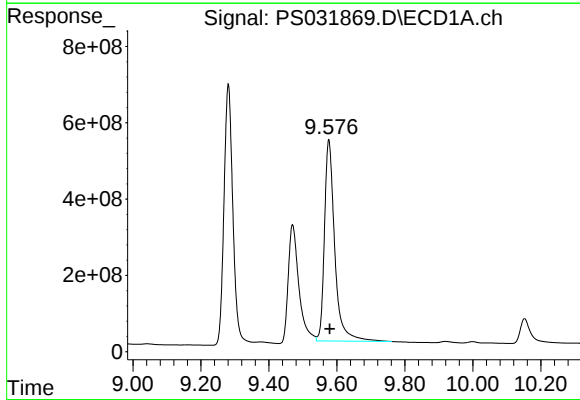
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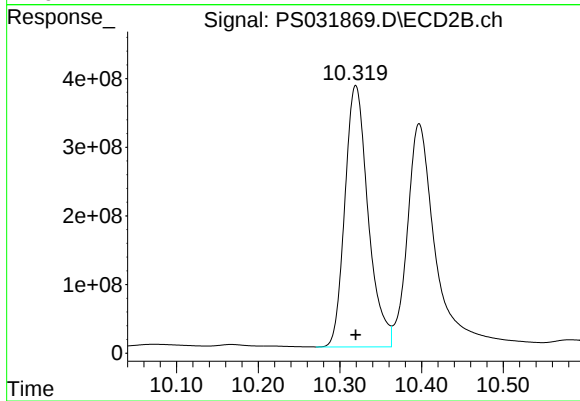
#11 2,4,5-TP (SILVEX)

R.T.: 9.889 min
Delta R.T.: -0.002 min
Response: 8515532715
Conc: 565.65 ng/ml



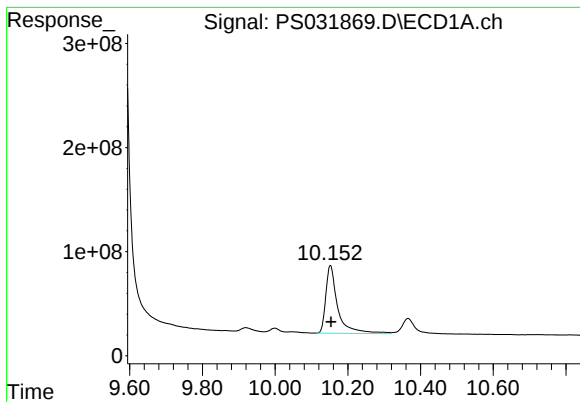
#12 2,4,5-T

R.T.: 9.576 min
Delta R.T.: -0.003 min
Response: 11093853845
Conc: 606.28 ng/ml



#12 2,4,5-T

R.T.: 10.319 min
Delta R.T.: 0.000 min
Response: 7535975794
Conc: 560.00 ng/ml



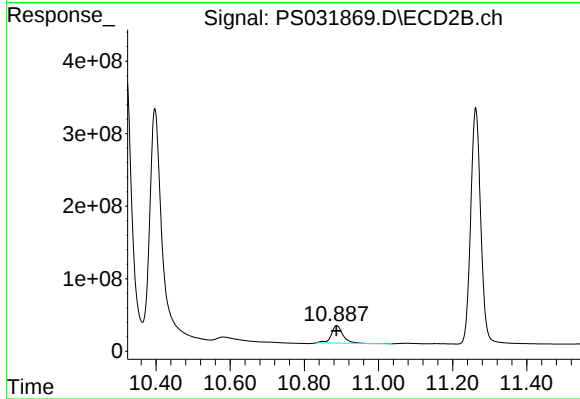
#13 2,4-DB

R.T.: 10.152 min
Delta R.T.: -0.002 min
Response: 1496476893
Conc: 641.50 ng/ml

Instrument :
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ClientSampleId :
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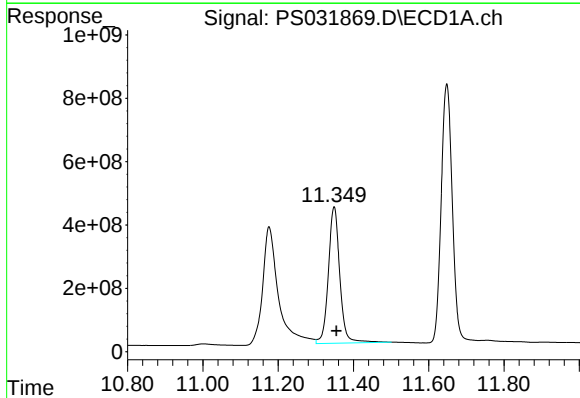
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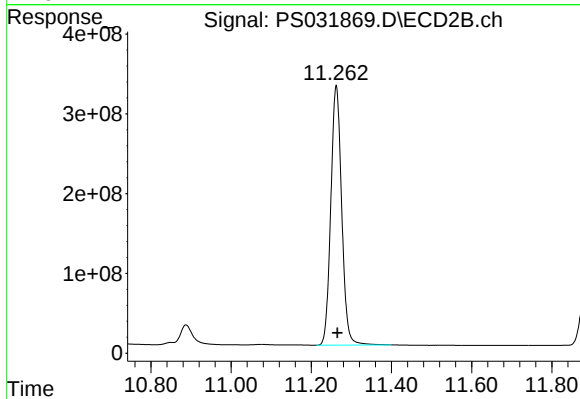
#13 2,4-DB

R.T.: 10.887 min
Delta R.T.: 0.000 min
Response: 515718368
Conc: 481.96 ng/ml



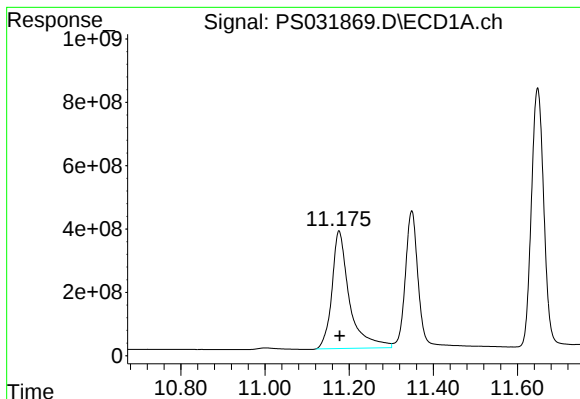
#14 DINOSEB

R.T.: 11.349 min
Delta R.T.: -0.006 min
Response: 9082508268
Conc: 629.74 ng/ml



#14 DINOSEB

R.T.: 11.262 min
Delta R.T.: -0.003 min
Response: 6121809733
Conc: 629.77 ng/ml



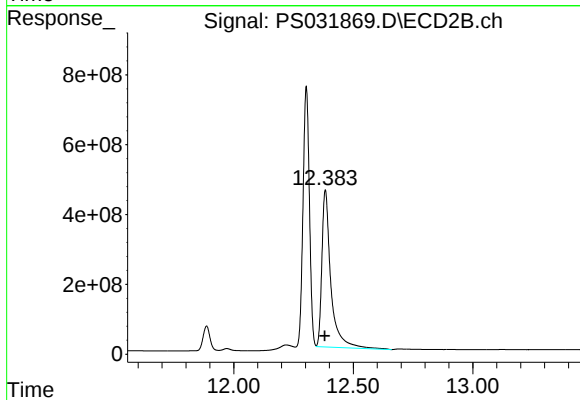
#15 Picloram

R.T.: 11.176 min
Delta R.T.: -0.002 min
Response: 10747084997
Conc: 596.69 ng/ml

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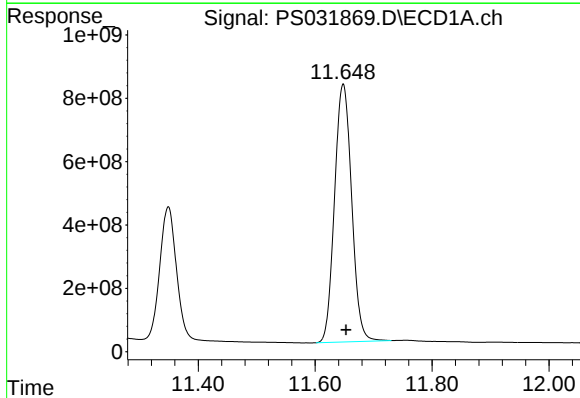
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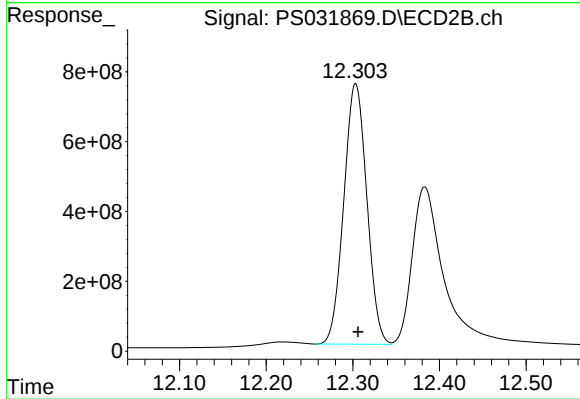
#15 Picloram

R.T.: 12.383 min
Delta R.T.: 0.003 min
Response: 11741170219
Conc: 495.76 ng/ml



#16 DCPA

R.T.: 11.648 min
Delta R.T.: -0.005 min
Response: 16530109031
Conc: 613.36 ng/ml



#16 DCPA

R.T.: 12.303 min
Delta R.T.: -0.003 min
Response: 13801523031
Conc: 572.58 ng/ml m