

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS120425\
 Data File : PS032608.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Dec 2025 12:00
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 12/05/2025
 Supervised By :mohammad ahmed 12/08/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 05 00:39:26 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS120325.M
 Quant Title : 8080.M
 QLast Update : Wed Dec 03 13:46:29 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	7.013	7.378	3673.4E6	3379.0E6	665.028	630.265m
Target Compounds							
1) T	Dalapon	2.479	2.456	5836.3E6	5030.0E6	689.248	689.142
2) T	3,5-DICHL...	6.207	6.371	5074.4E6	4322.9E6	684.148	707.663
3) T	4-Nitroph...	6.836f	6.948	1063.6E6	1520.2E6	847.738m	636.339
5) T	DICAMBA	7.188	7.570	15473.3E6	13614.1E6	696.422	686.198m
6) T	MCPD	7.364	7.673	955.3E6	938.3E6	75.763	70.002m
7) T	MCPA	7.513	7.919	1194.3E6	1106.1E6	73.862	66.613
8) T	DICHLORPROP	7.882	8.276	3768.9E6	3344.3E6	699.282	673.187
9) T	2,4-D	8.117	8.611	4467.2E6	3658.4E6	731.647	651.374
10) T	Pentachlo...	8.390	9.083	49977.0E6	42103.6E6	681.604	689.116
11) T	2,4,5-TP ...	8.962	9.481	23365.1E6	19037.9E6	699.253	663.606
12) T	2,4,5-T	9.258	9.908	26172.3E6	18573.3E6	622.525	665.088
13) T	2,4-DB	9.822	10.465	2901.1E6	2969.4E6	930.099m	728.939
14) T	DINOSEB	11.000	10.852	16364.1E6	12027.2E6	593.416	665.055
15) T	Picloram	10.840	11.970	30320.4E6	22845.9E6	770.637	634.670
16) T	DCPA	11.290	11.858	28259.1E6	22320.8E6	705.300	656.062

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

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Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

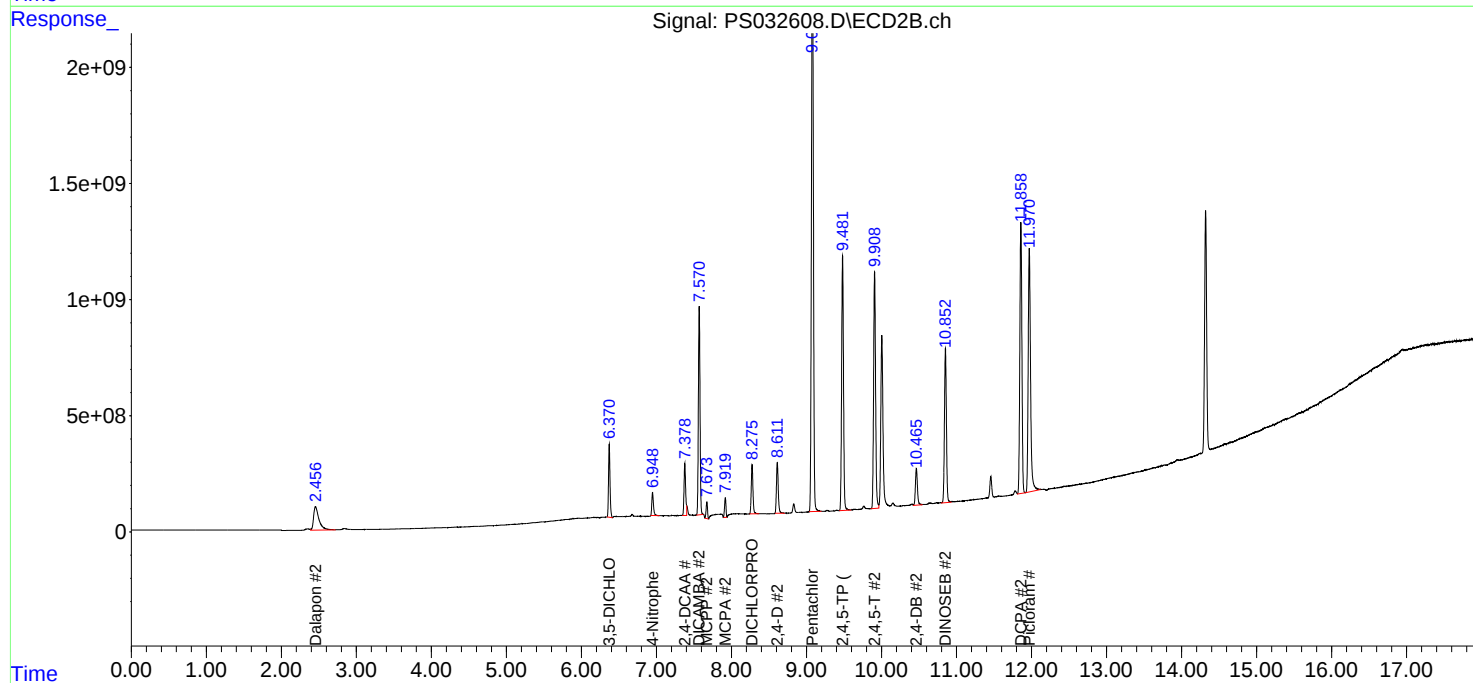
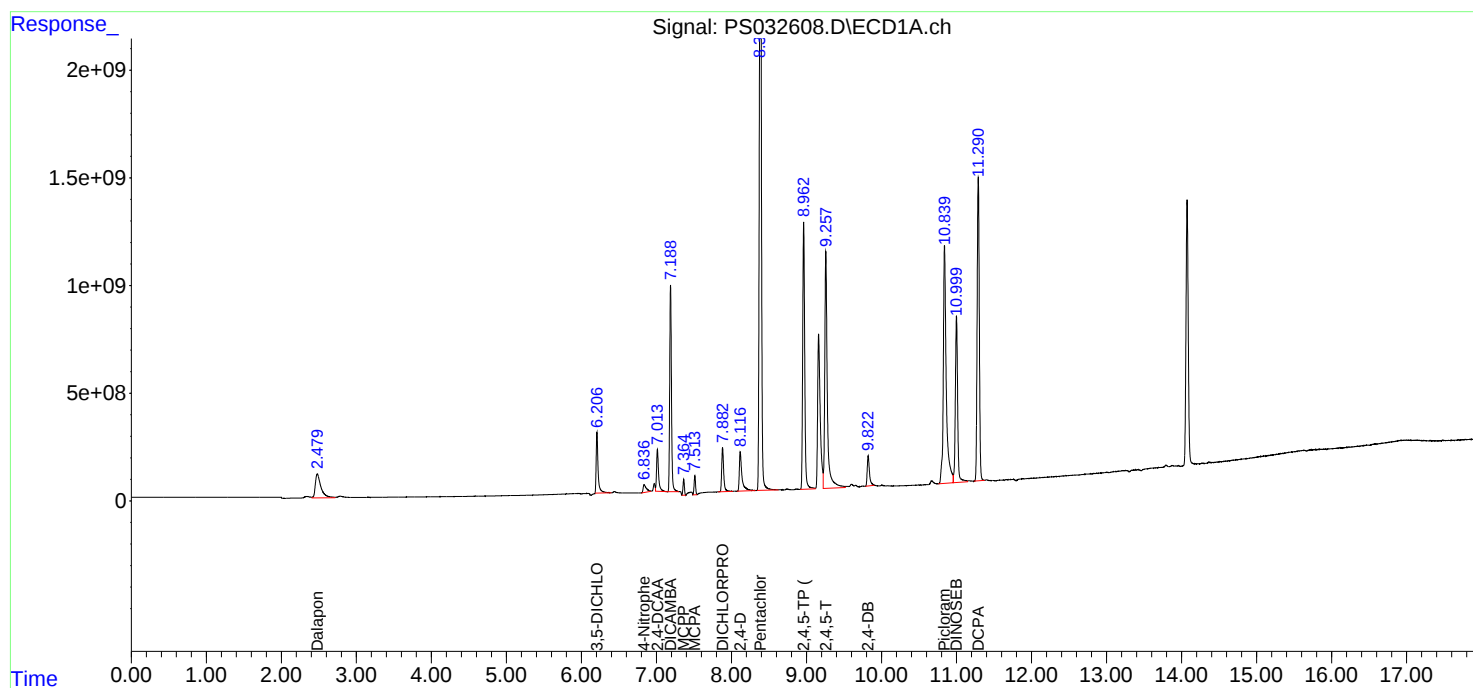
Instrument :
ECD_S
ClientSampleId :
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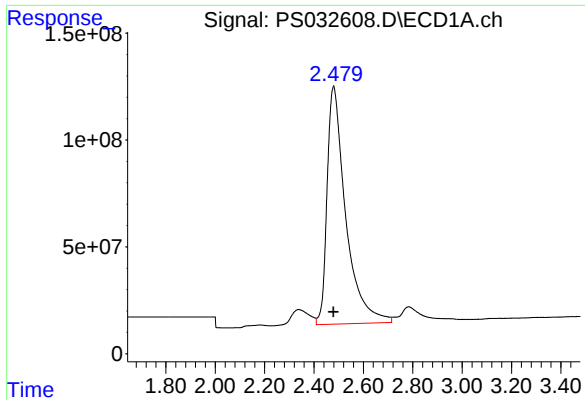
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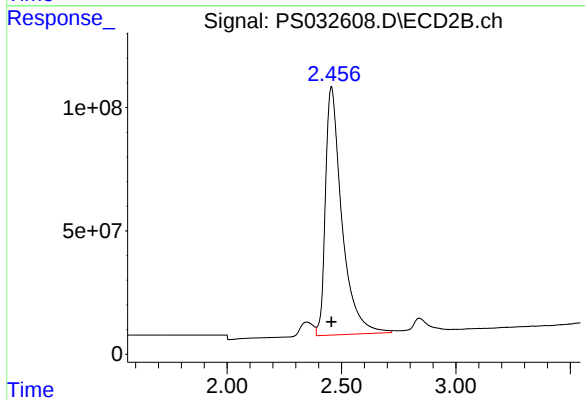
#1 Dalapon

R.T.: 2.479 min
Delta R.T.: 0.001 min
Response: 5836310520
Conc: 689.25 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

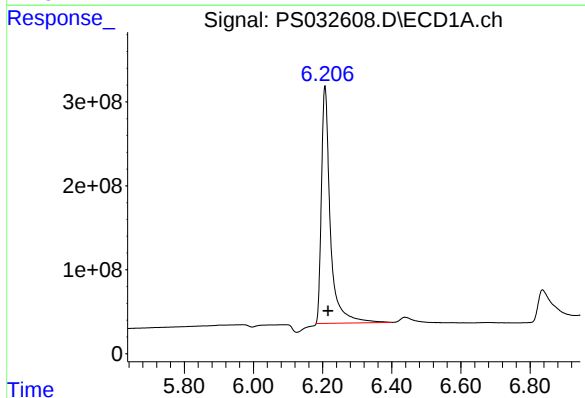
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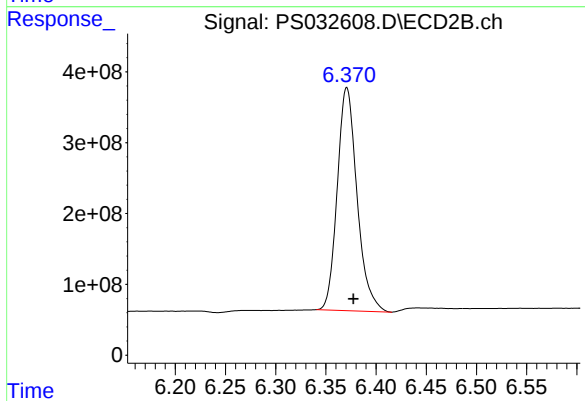
#1 Dalapon

R.T.: 2.456 min
Delta R.T.: 0.000 min
Response: 5030008610
Conc: 689.14 ng/ml



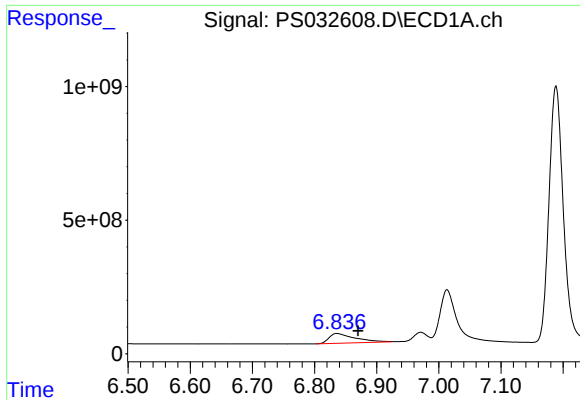
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.207 min
Delta R.T.: -0.009 min
Response: 5074448340
Conc: 684.15 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.371 min
Delta R.T.: -0.007 min
Response: 4322861368
Conc: 707.66 ng/ml



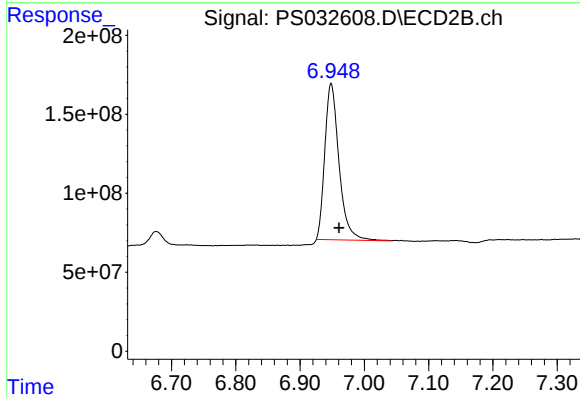
#3 4-Nitrophenol

R.T.: 6.836 min
Delta R.T.: -0.034 min
Response: 1063574191
Conc: 847.74 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

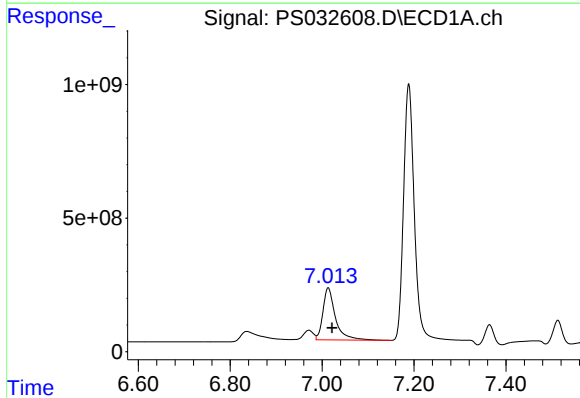
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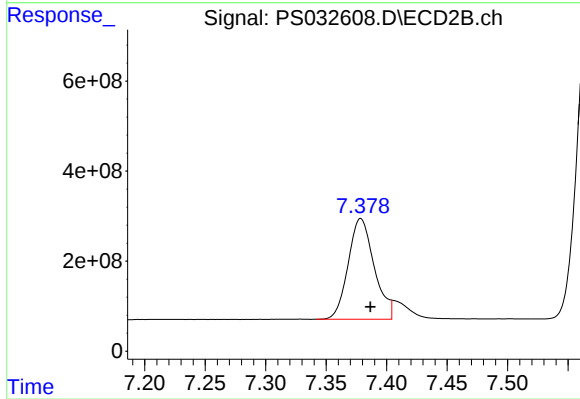
#3 4-Nitrophenol

R.T.: 6.948 min
Delta R.T.: -0.013 min
Response: 1520159152
Conc: 636.34 ng/ml



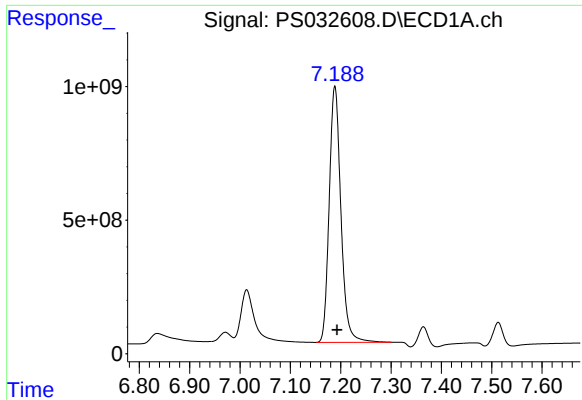
#4 2,4-DCAA

R.T.: 7.013 min
Delta R.T.: -0.008 min
Response: 3673385773
Conc: 665.03 ng/ml



#4 2,4-DCAA

R.T.: 7.378 min
Delta R.T.: -0.008 min
Response: 3378987529
Conc: 630.27 ng/ml m



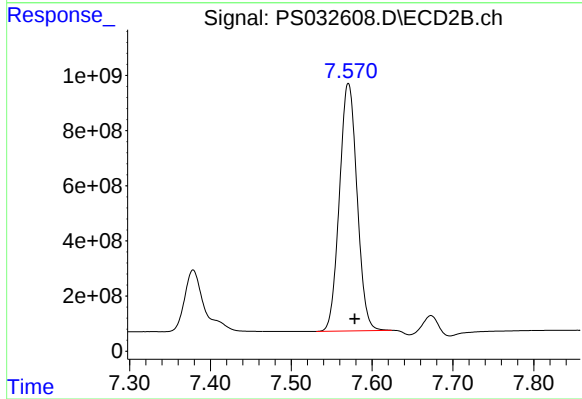
#5 DICAMBA

R.T.: 7.188 min
Delta R.T.: -0.004 min
Response: 15473345319
Conc: 696.42 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

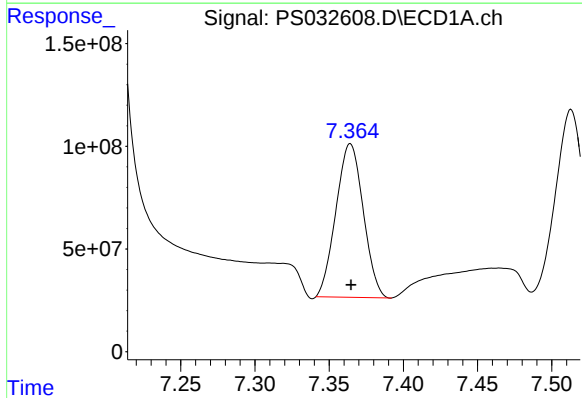
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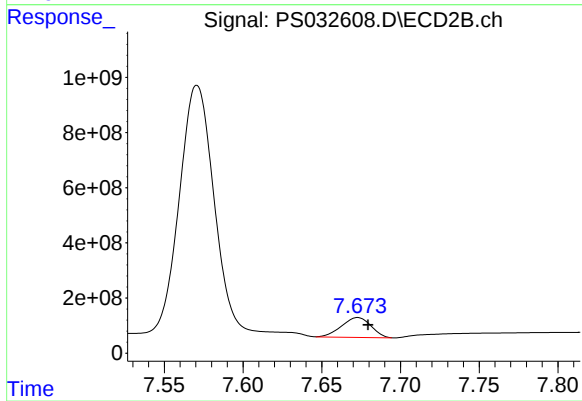
#5 DICAMBA

R.T.: 7.570 min
Delta R.T.: -0.008 min
Response: 13614067484
Conc: 686.20 ng/ml m



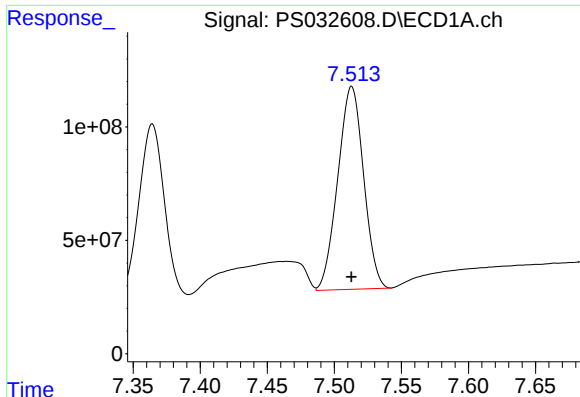
#6 MCP

R.T.: 7.364 min
Delta R.T.: 0.000 min
Response: 955330521
Conc: 75.76 ug/ml



#6 MCP

R.T.: 7.673 min
Delta R.T.: -0.007 min
Response: 938332291
Conc: 70.00 ug/ml m



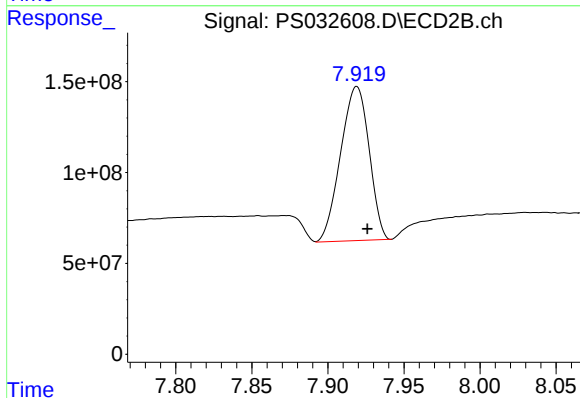
#7 MCPA

R.T.: 7.513 min
Delta R.T.: 0.000 min
Response: 1194314741
Conc: 73.86 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

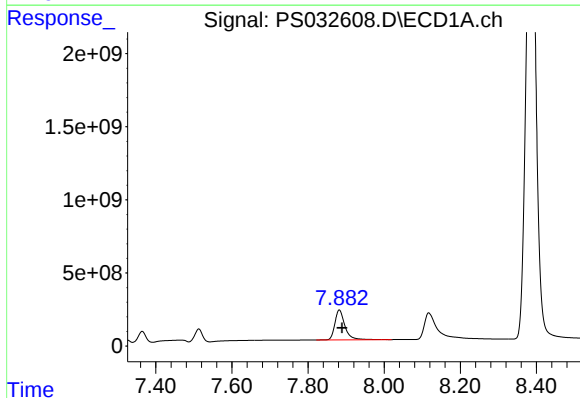
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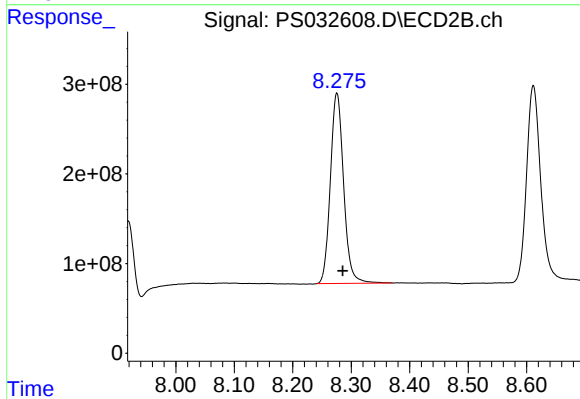
#7 MCPA

R.T.: 7.919 min
Delta R.T.: -0.007 min
Response: 1106125862
Conc: 66.61 ug/ml



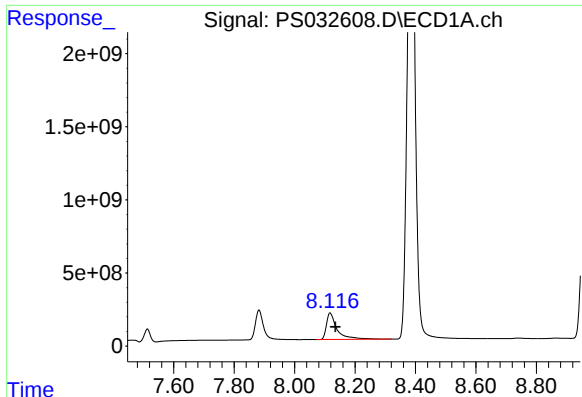
#8 DICHLORPROP

R.T.: 7.882 min
Delta R.T.: -0.007 min
Response: 3768940244
Conc: 699.28 ng/ml



#8 DICHLORPROP

R.T.: 8.276 min
Delta R.T.: -0.010 min
Response: 3344274060
Conc: 673.19 ng/ml



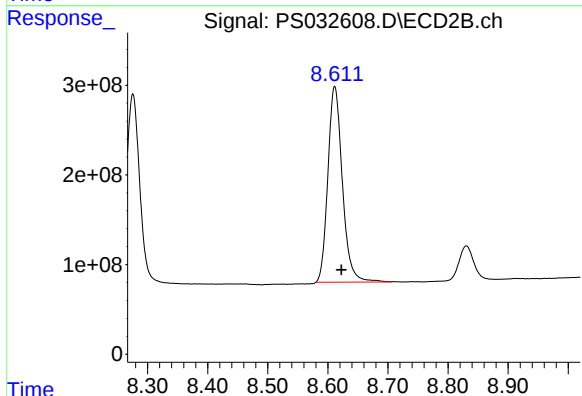
#9 2,4-D

R.T.: 8.117 min
Delta R.T.: -0.017 min
Response: 4467190197
Conc: 731.65 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

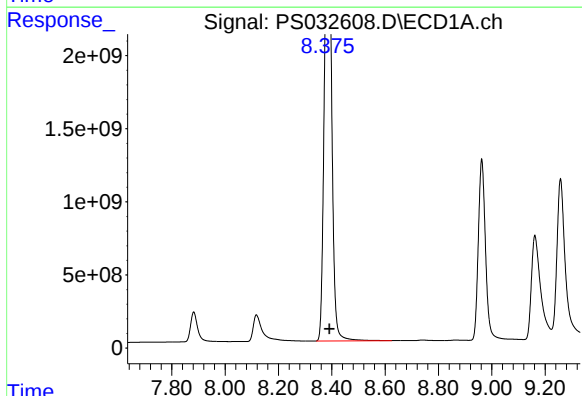
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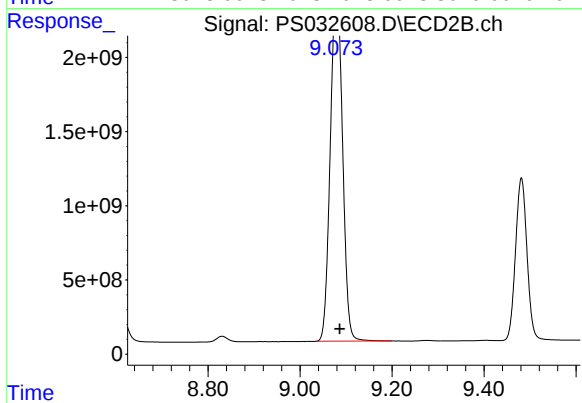
#9 2,4-D

R.T.: 8.611 min
Delta R.T.: -0.012 min
Response: 3658397032
Conc: 651.37 ng/ml



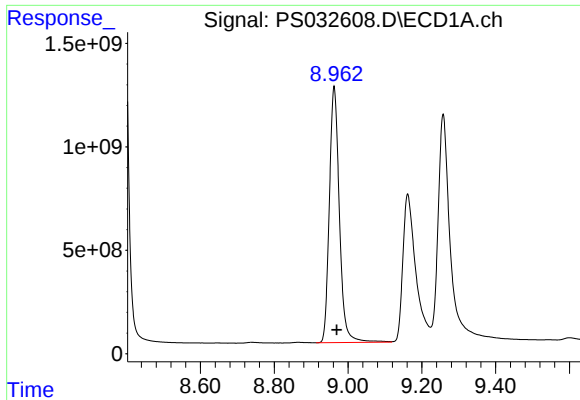
#10 Pentachlorophenol

R.T.: 8.390 min
Delta R.T.: 0.000 min
Response: 49976994931
Conc: 681.60 ng/ml



#10 Pentachlorophenol

R.T.: 9.083 min
Delta R.T.: -0.003 min
Response: 42103562155
Conc: 689.12 ng/ml



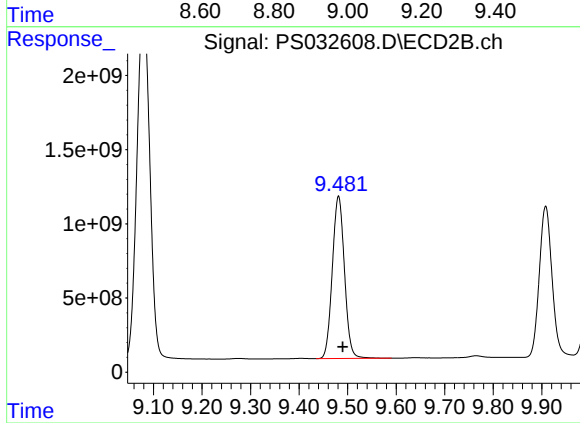
#11 2,4,5-TP (SILVEX)

R.T.: 8.962 min
Delta R.T.: -0.006 min
Response: 23365148723
Conc: 699.25 ng/ml

Instrument :
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ClientSampleId :
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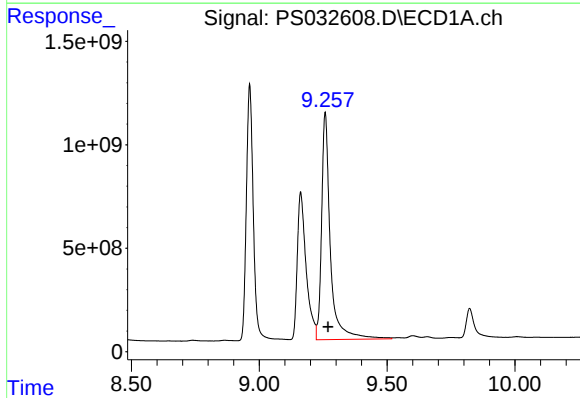
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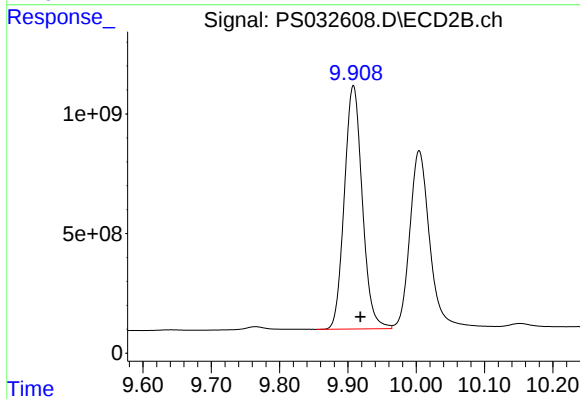
#11 2,4,5-TP (SILVEX)

R.T.: 9.481 min
Delta R.T.: -0.009 min
Response: 19037887886
Conc: 663.61 ng/ml



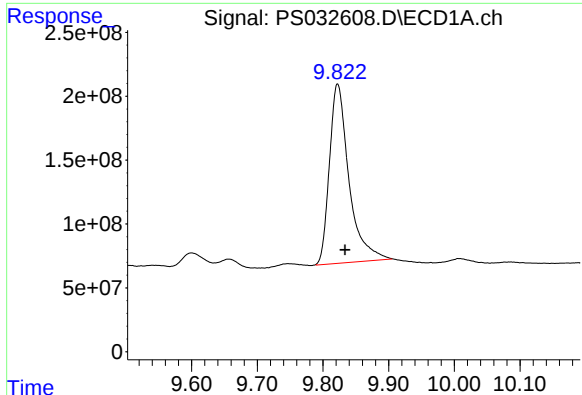
#12 2,4,5-T

R.T.: 9.258 min
Delta R.T.: -0.011 min
Response: 26172310542
Conc: 622.52 ng/ml



#12 2,4,5-T

R.T.: 9.908 min
Delta R.T.: -0.010 min
Response: 18573345196
Conc: 665.09 ng/ml



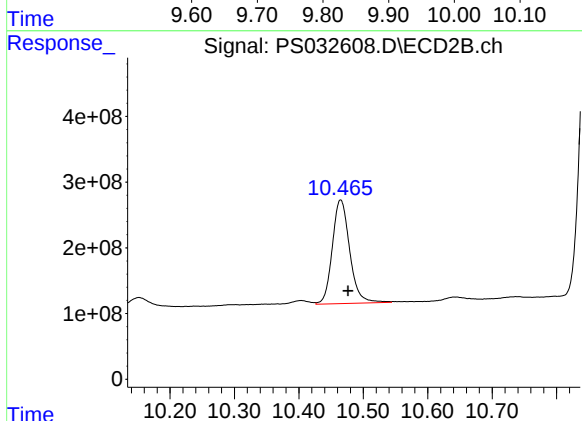
#13 2,4-DB

R.T.: 9.822 min
Delta R.T.: -0.012 min
Response: 2901084931
Conc: 930.10 ng/ml

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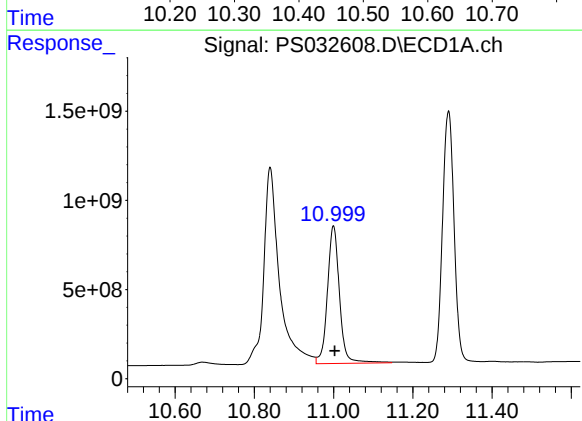
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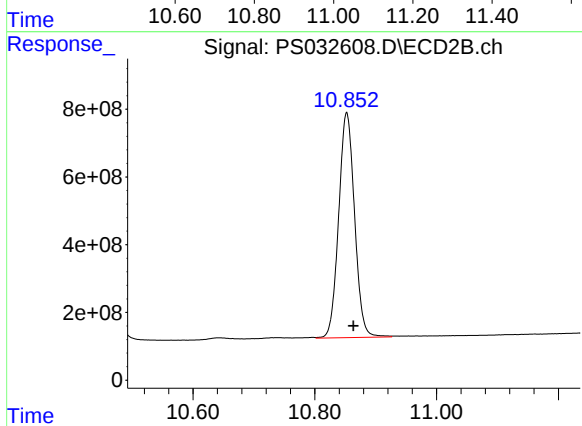
#13 2,4-DB

R.T.: 10.465 min
Delta R.T.: -0.011 min
Response: 2969373139
Conc: 728.94 ng/ml



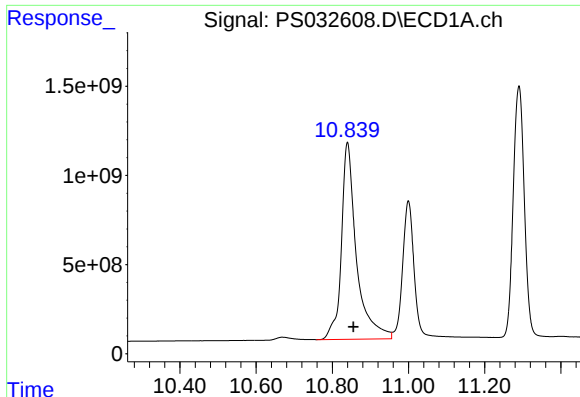
#14 DINOSEB

R.T.: 11.000 min
Delta R.T.: -0.003 min
Response: 16364130398
Conc: 593.42 ng/ml



#14 DINOSEB

R.T.: 10.852 min
Delta R.T.: -0.011 min
Response: 12027207985
Conc: 665.06 ng/ml



#15 Picloram

R.T.: 10.840 min
Delta R.T.: -0.016 min
Response: 30320382370
Conc: 770.64 ng/ml

Instrument :

ECD_S

ClientSampleId :

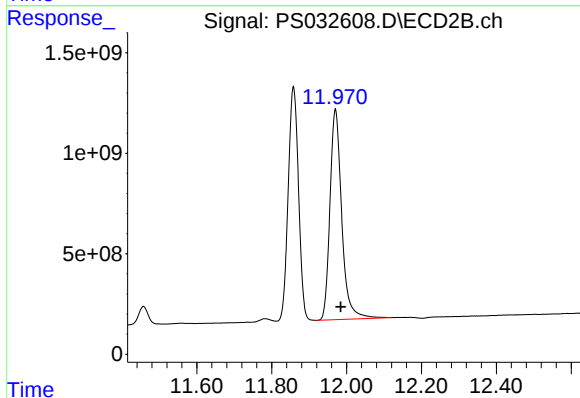
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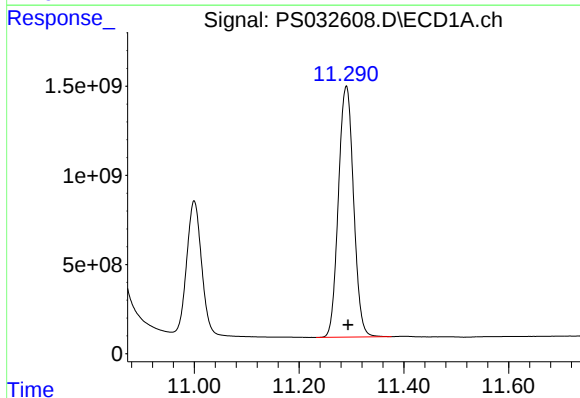
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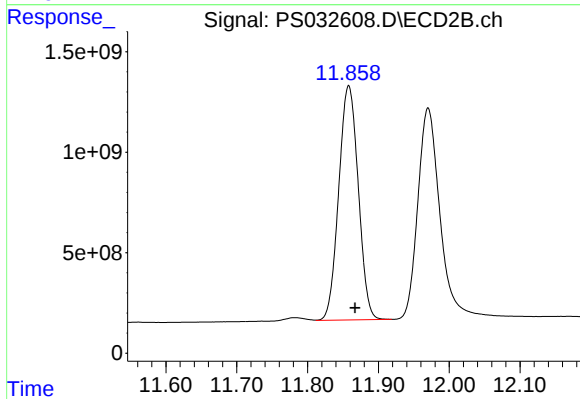
#15 Picloram

R.T.: 11.970 min
Delta R.T.: -0.014 min
Response: 22845888881
Conc: 634.67 ng/ml



#16 DCPA

R.T.: 11.290 min
Delta R.T.: -0.003 min
Response: 28259051560
Conc: 705.30 ng/ml



#16 DCPA

R.T.: 11.858 min
Delta R.T.: -0.009 min
Response: 22320773412
Conc: 656.06 ng/ml