

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS112025\
 Data File : PS032509.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Nov 2025 20:35
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 11/21/2025
 Supervised By :mohammad ahmed 11/22/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 21 04:10:51 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS110325.M
 Quant Title : 8080.M
 QLast Update : Tue Nov 04 04:59:50 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	7.273	7.612	3611.2E6	3035.3E6	796.945	832.611
Target Compounds							
1) T	Dalapon	2.654	2.602	4696.3E6	4589.7E6	654.196	660.003
2) T	3,5-DICHL...	6.441	6.580	4966.9E6	4504.4E6	768.138m	749.618
3) T	4-Nitroph...	7.090	7.175	1020.8E6	1724.0E6	760.413	759.504
5) T	DICAMBA	7.457	7.804	14431.3E6	13317.1E6	764.929	771.000
6) T	MCPD	7.635	7.903	888.2E6	1056.2E6	81.557m	79.411
7) T	MCPA	7.785	8.148	1067.1E6	1226.8E6	79.478	75.243
8) T	DICHLORPROP	8.163	8.517	3294.2E6	3550.0E6	740.478	744.371
9) T	2,4-D	8.400	8.857	3350.0E6	3930.3E6	742.487	749.239
10) T	Pentachlo...	8.699	9.353	48181.1E6	44647.6E6	767.959	760.572
11) T	2,4,5-TP ...	9.268	9.740	19997.1E6	19966.6E6	768.777	743.527
12) T	2,4,5-T	9.566	10.166	16395.1E6	18325.2E6	687.764	772.629
13) T	2,4-DB	10.141	10.731	2162.2E6	2903.8E6	820.514	769.975
14) T	DINOSEB	11.333	11.102	14735.9E6	12470.7E6	708.197	705.064
15) T	Picloram	11.167	12.219	16433.6E6	22152.1E6	774.237	595.775
16) T	DCPA	11.634	12.136	25666.7E6	23214.0E6	764.980	728.612

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

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Acq On : 20 Nov 2025 20:35
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

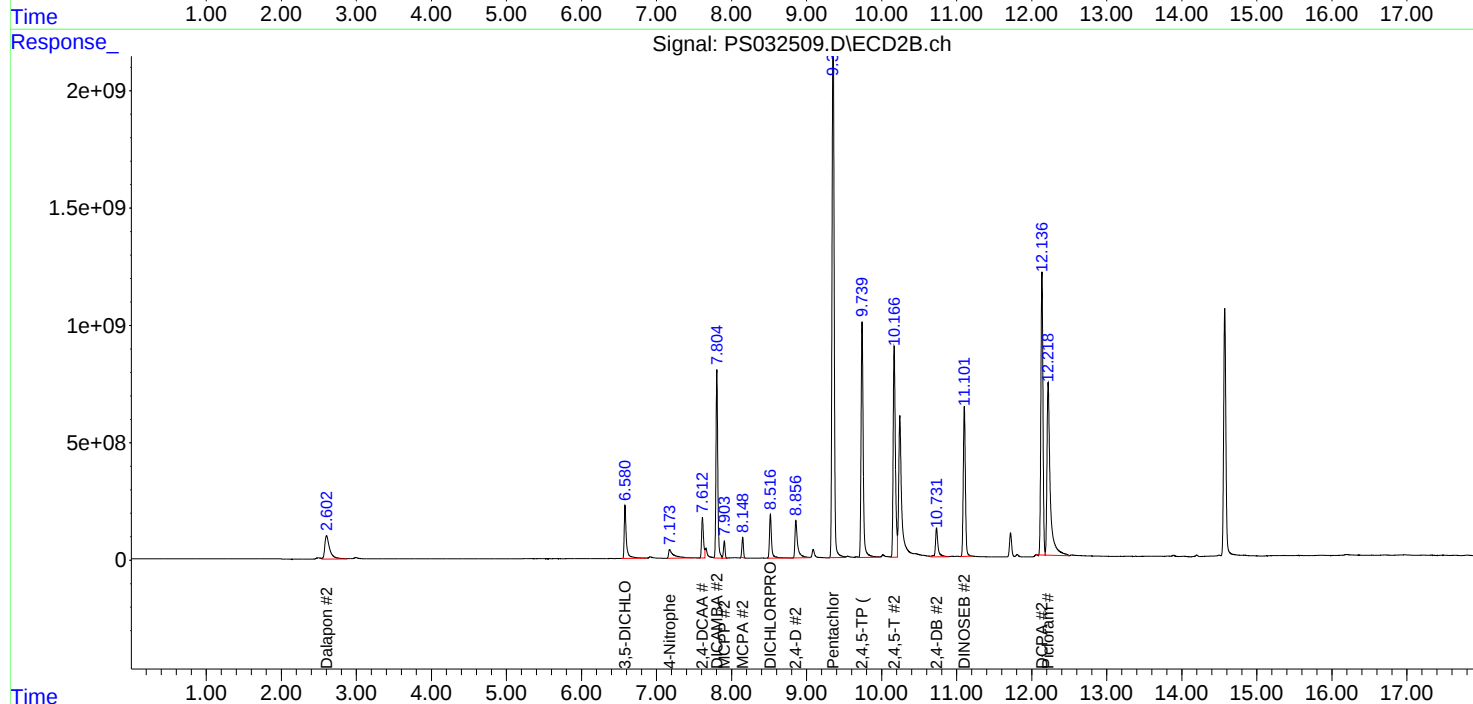
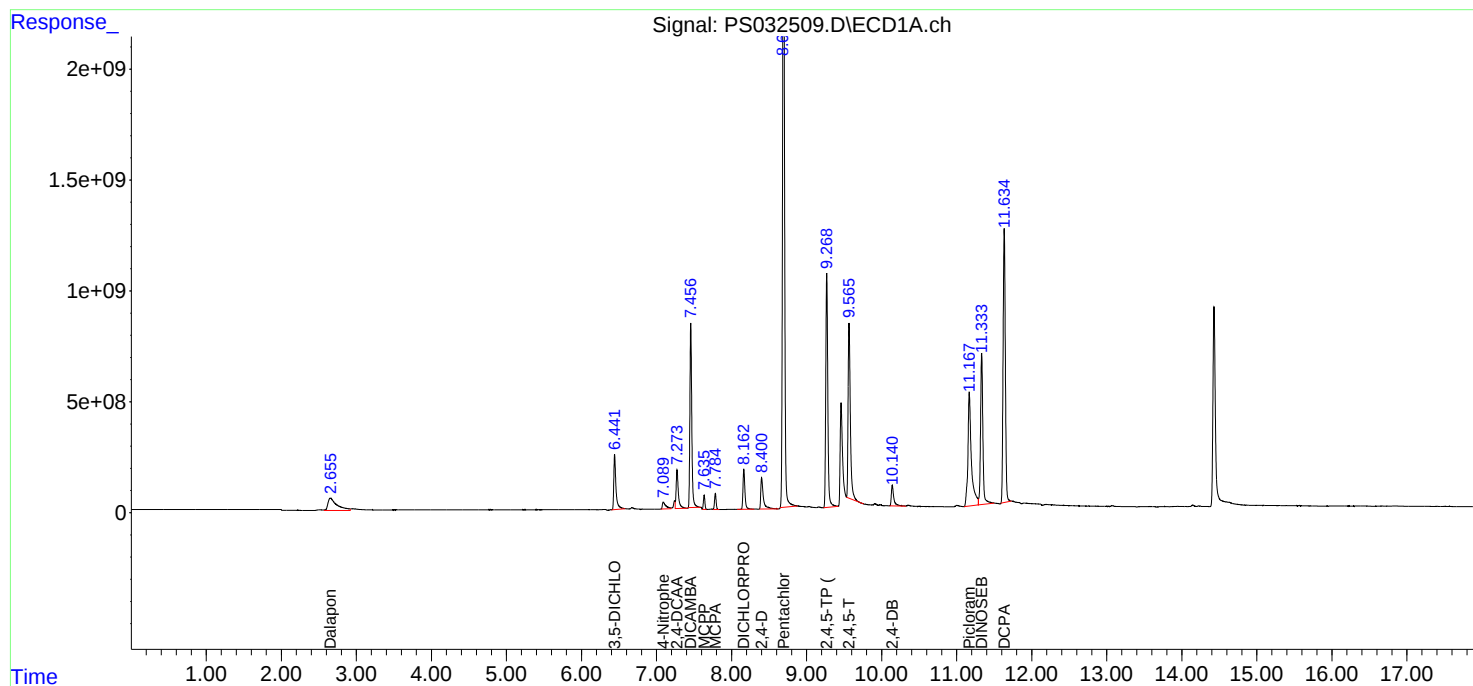
Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

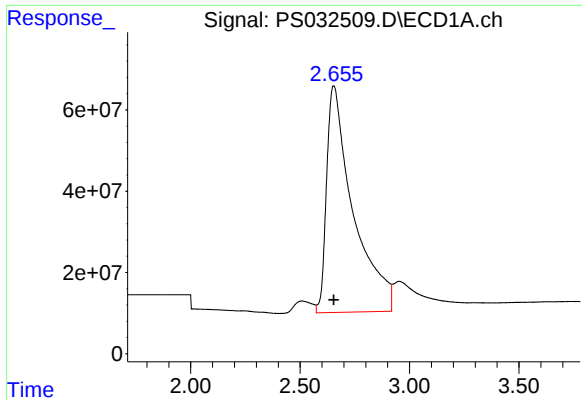
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Supervised By : mohammad ahmed 11/22/2025

Integration File signal 1: autoint1.e
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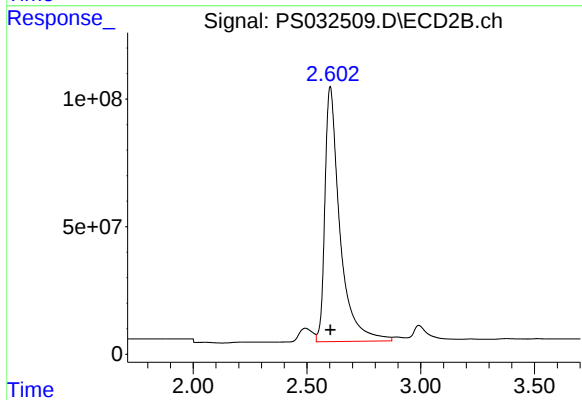
#1 Dalapon

R.T.: 2.654 min
Delta R.T.: 0.000 min
Response: 4696322723
Conc: 654.20 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

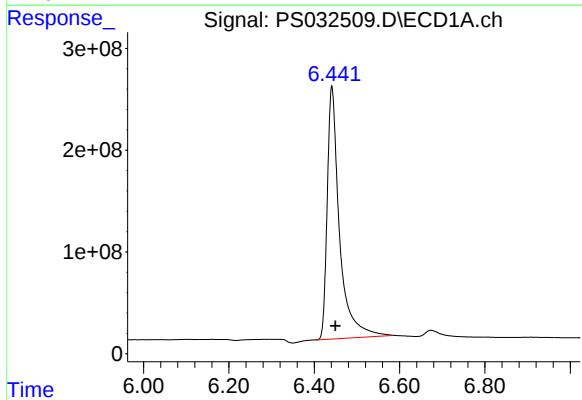
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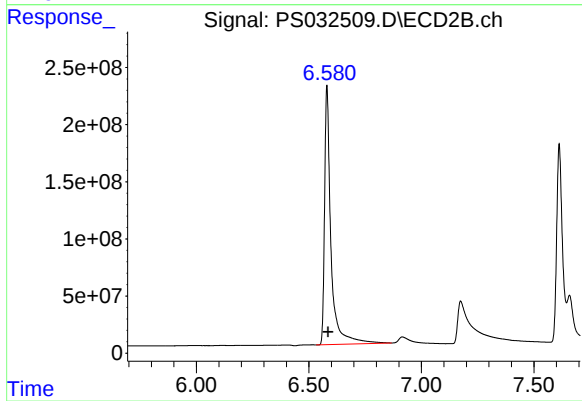
#1 Dalapon

R.T.: 2.602 min
Delta R.T.: 0.000 min
Response: 4589656044
Conc: 660.00 ng/ml



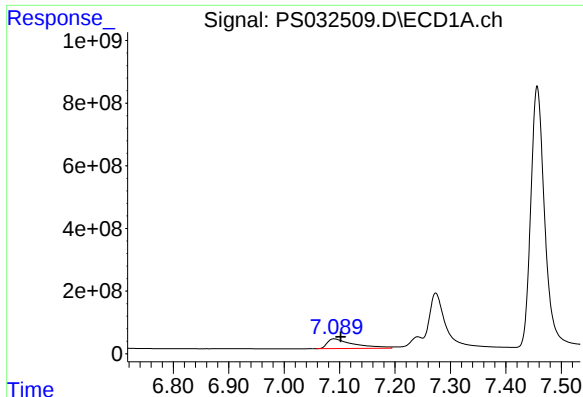
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.441 min
Delta R.T.: -0.008 min
Response: 4966941795
Conc: 768.14 ng/ml m



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.580 min
Delta R.T.: -0.005 min
Response: 4504409263
Conc: 749.62 ng/ml



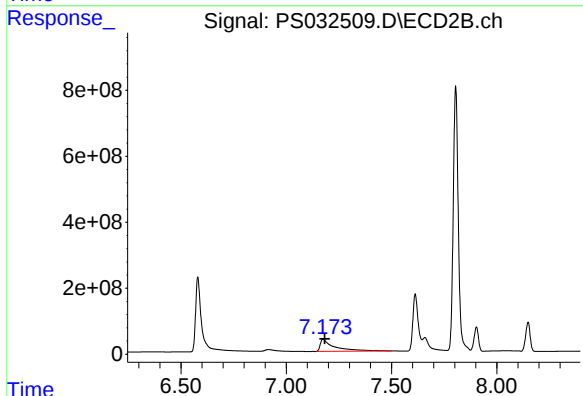
#3 4-Nitrophenol

R.T.: 7.090 min
Delta R.T.: -0.012 min
Response: 1020822125
Conc: 760.41 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

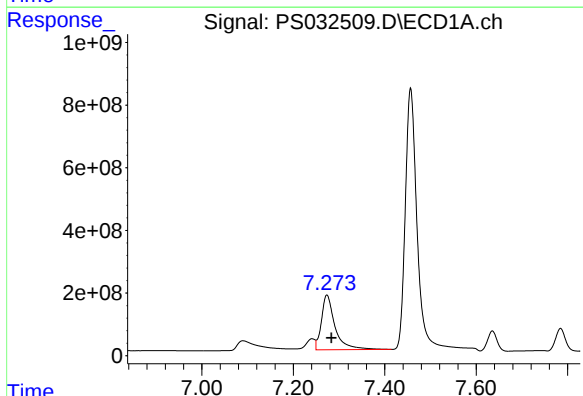
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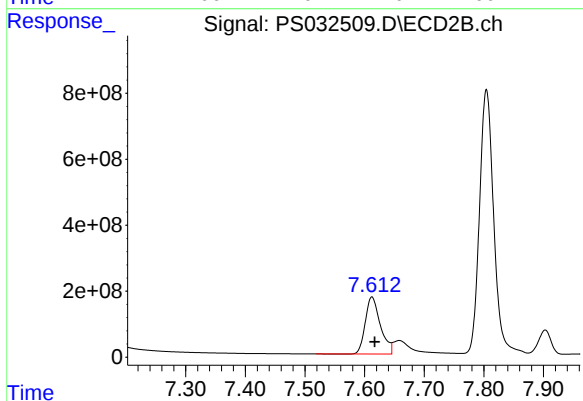
#3 4-Nitrophenol

R.T.: 7.175 min
Delta R.T.: -0.008 min
Response: 1724015031
Conc: 759.50 ng/ml



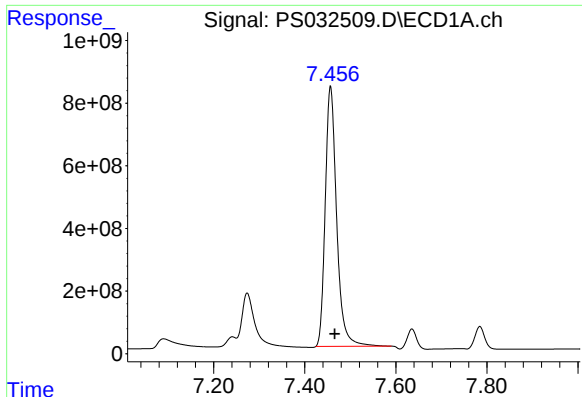
#4 2,4-DCAA

R.T.: 7.273 min
Delta R.T.: -0.010 min
Response: 3611177240
Conc: 796.95 ng/ml



#4 2,4-DCAA

R.T.: 7.612 min
Delta R.T.: -0.005 min
Response: 3035279125
Conc: 832.61 ng/ml



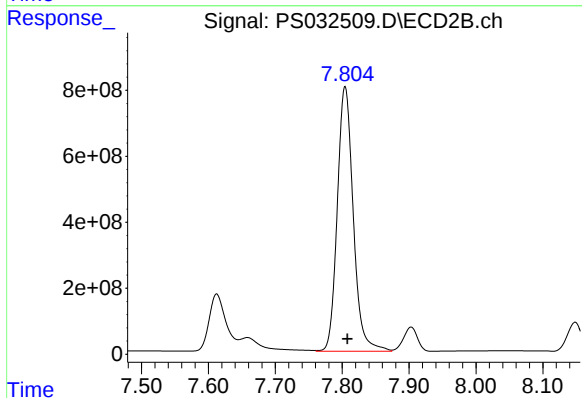
#5 DICAMBA

R.T.: 7.457 min
Delta R.T.: -0.009 min
Response: 14431281778
Conc: 764.93 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

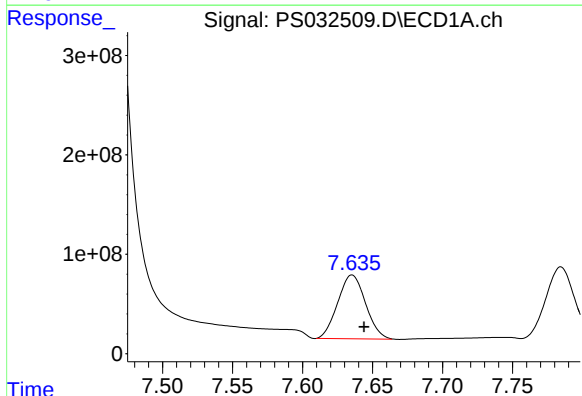
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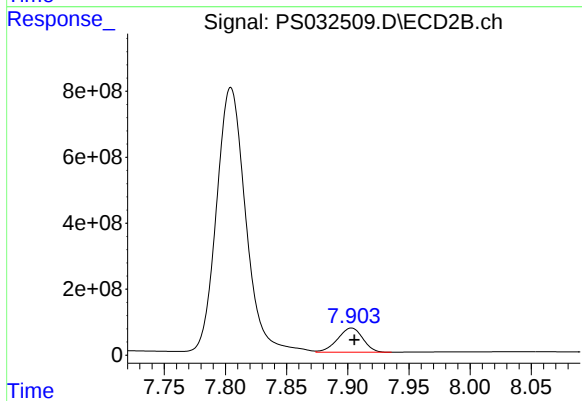
#5 DICAMBA

R.T.: 7.804 min
Delta R.T.: -0.004 min
Response: 13317057689
Conc: 771.00 ng/ml



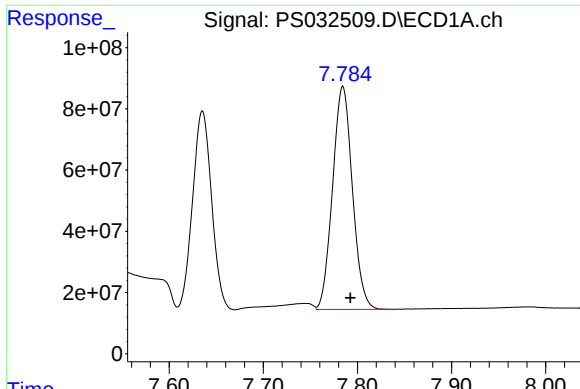
#6 MCP

R.T.: 7.635 min
Delta R.T.: -0.009 min
Response: 888171612
Conc: 81.56 ug/ml m



#6 MCP

R.T.: 7.903 min
Delta R.T.: -0.003 min
Response: 1056239617
Conc: 79.41 ug/ml



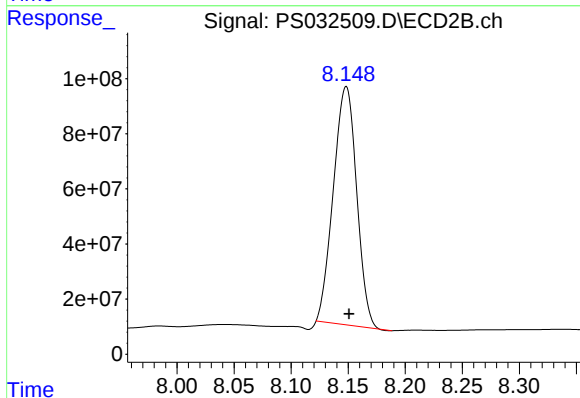
#7 MCPA

R.T.: 7.785 min
Delta R.T.: -0.008 min
Response: 1067059274
Conc: 79.48 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

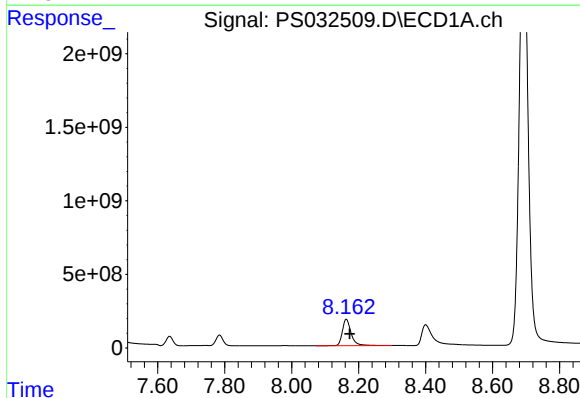
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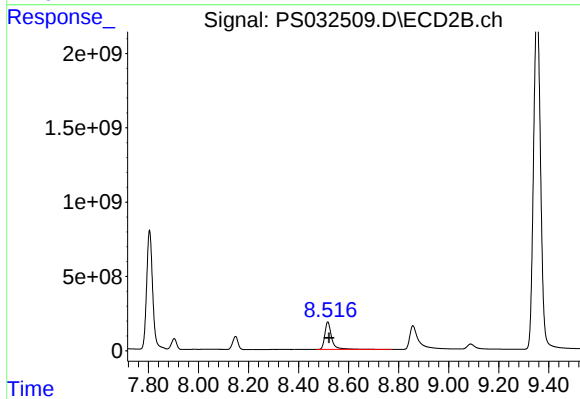
#7 MCPA

R.T.: 8.148 min
Delta R.T.: -0.003 min
Response: 1226793434
Conc: 75.24 ug/ml



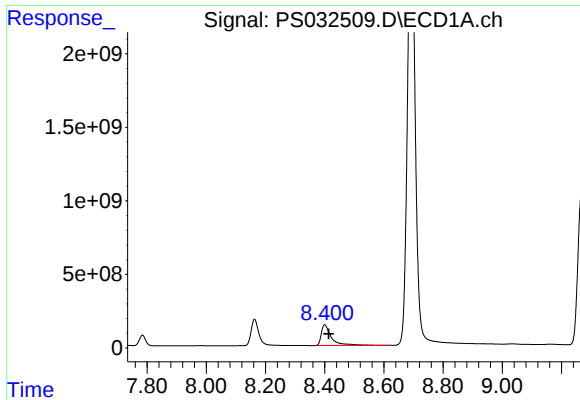
#8 DICHLORPROP

R.T.: 8.163 min
Delta R.T.: -0.011 min
Response: 3294209333
Conc: 740.48 ng/ml



#8 DICHLORPROP

R.T.: 8.517 min
Delta R.T.: -0.005 min
Response: 3550013481
Conc: 744.37 ng/ml



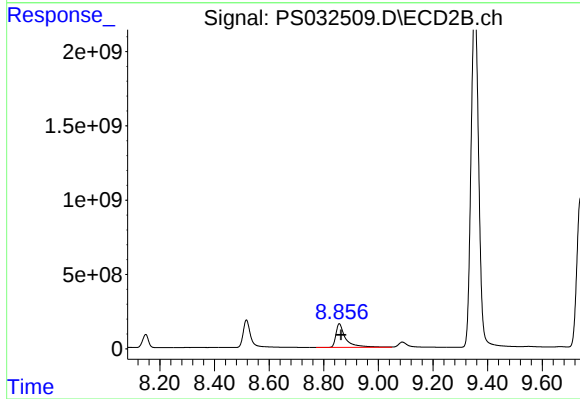
#9 2,4-D

R.T.: 8.400 min
Delta R.T.: -0.014 min
Response: 3349963994
Conc: 742.49 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

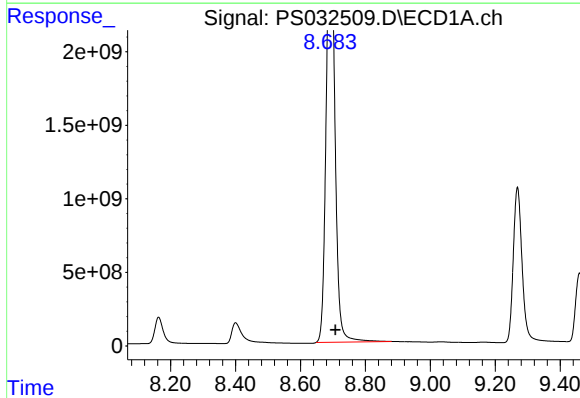
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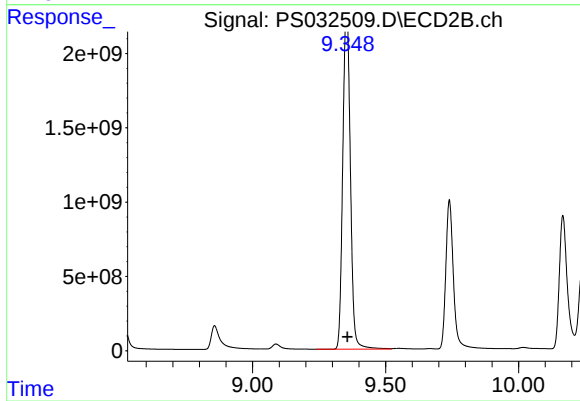
#9 2,4-D

R.T.: 8.857 min
Delta R.T.: -0.007 min
Response: 3930253238
Conc: 749.24 ng/ml



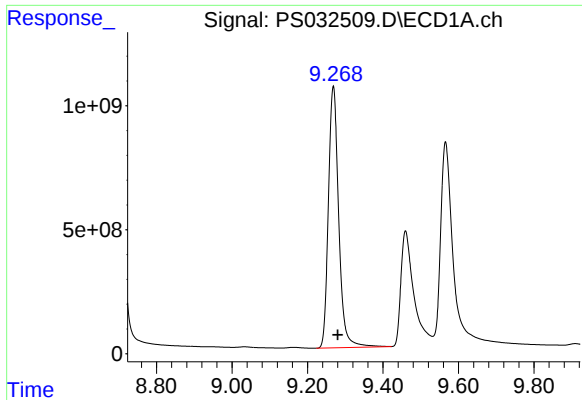
#10 Pentachlorophenol

R.T.: 8.699 min
Delta R.T.: -0.009 min
Response: 48181095762
Conc: 767.96 ng/ml



#10 Pentachlorophenol

R.T.: 9.353 min
Delta R.T.: -0.003 min
Response: 44647624425
Conc: 760.57 ng/ml



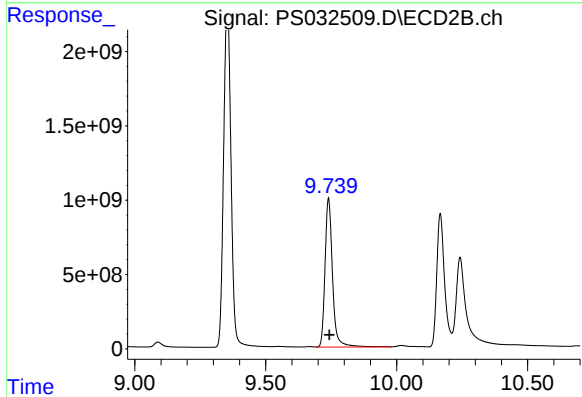
#11 2,4,5-TP (SILVEX)

R.T.: 9.268 min
Delta R.T.: -0.012 min
Response: 19997078217
Conc: 768.78 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

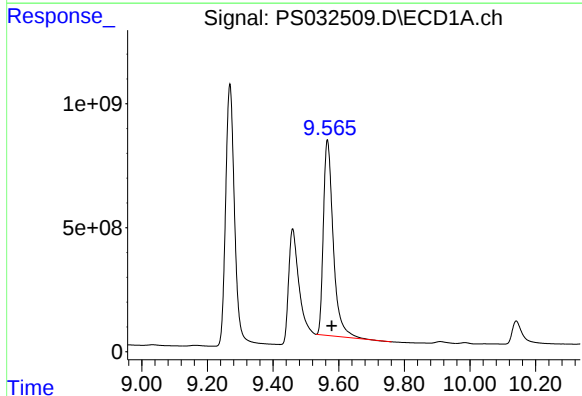
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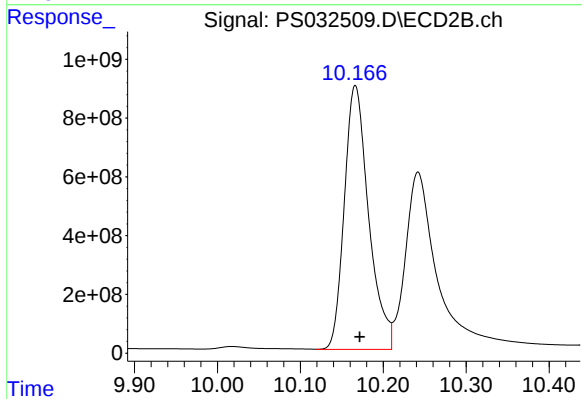
#11 2,4,5-TP (SILVEX)

R.T.: 9.740 min
Delta R.T.: -0.004 min
Response: 19966610141
Conc: 743.53 ng/ml



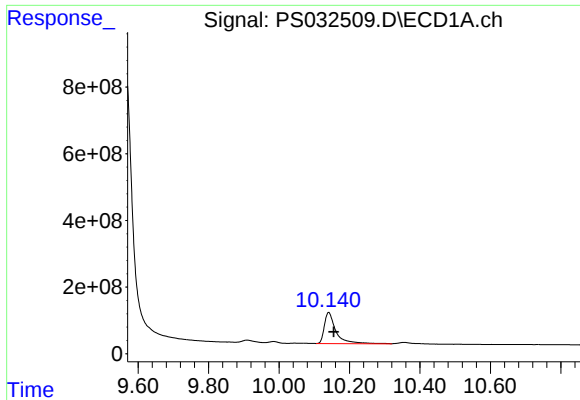
#12 2,4,5-T

R.T.: 9.566 min
Delta R.T.: -0.013 min
Response: 16395066817
Conc: 687.76 ng/ml



#12 2,4,5-T

R.T.: 10.166 min
Delta R.T.: -0.005 min
Response: 18325245415
Conc: 772.63 ng/ml



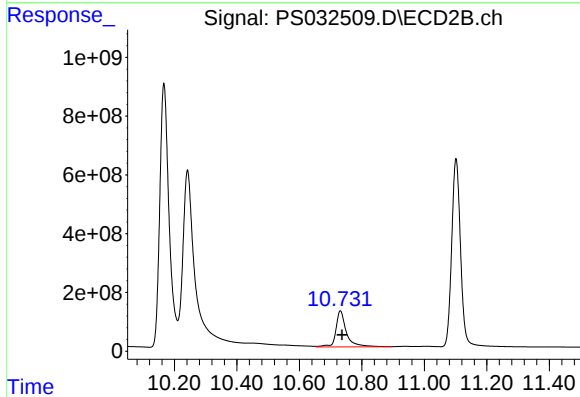
#13 2,4-DB

R.T.: 10.141 min
Delta R.T.: -0.014 min
Response: 2162150485
Conc: 820.51 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

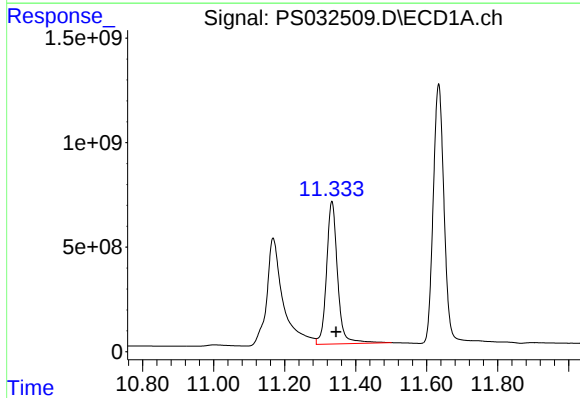
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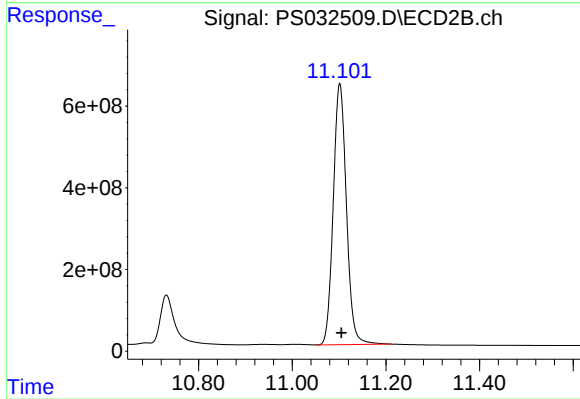
#13 2,4-DB

R.T.: 10.731 min
Delta R.T.: -0.006 min
Response: 2903838154
Conc: 769.97 ng/ml



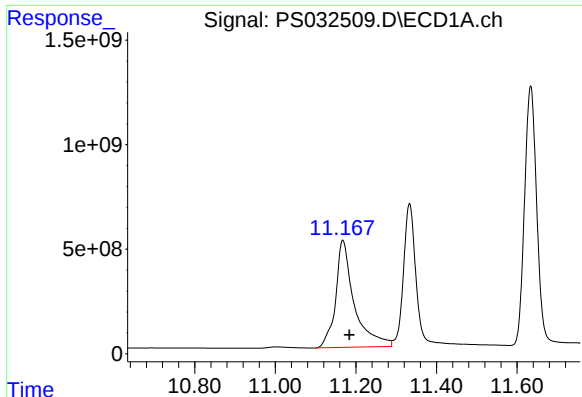
#14 DINOSEB

R.T.: 11.333 min
Delta R.T.: -0.012 min
Response: 14735874640
Conc: 708.20 ng/ml



#14 DINOSEB

R.T.: 11.102 min
Delta R.T.: -0.004 min
Response: 12470744353
Conc: 705.06 ng/ml



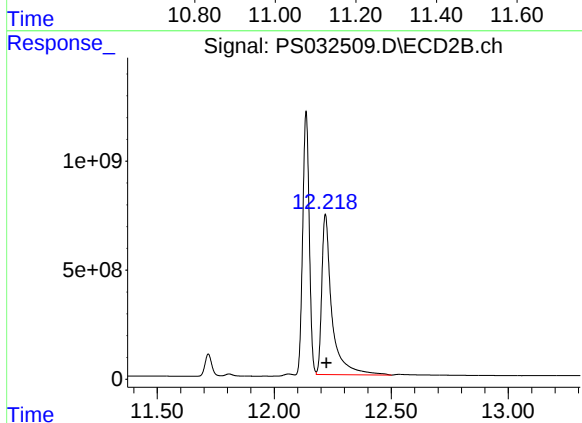
#15 Picloram

R.T.: 11.167 min
Delta R.T.: -0.017 min
Response: 16433623117
Conc: 774.24 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

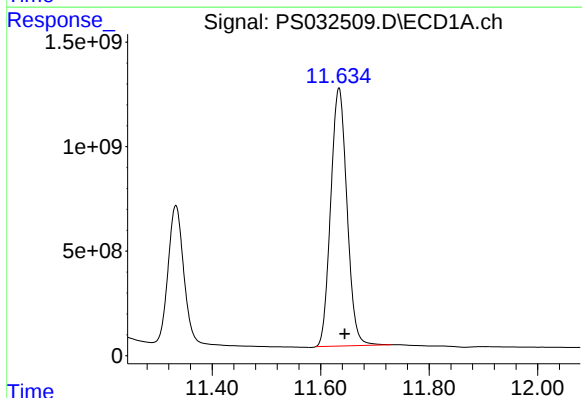
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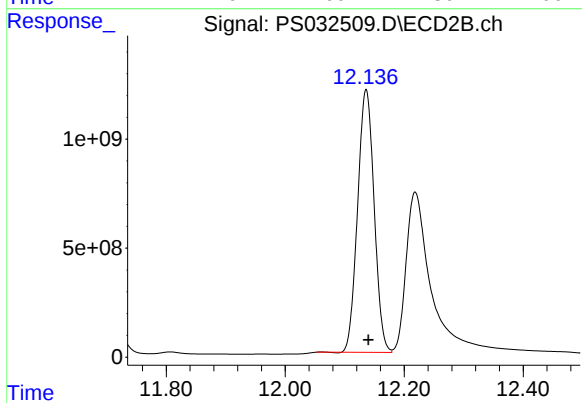
#15 Picloram

R.T.: 12.219 min
Delta R.T.: -0.005 min
Response: 22152146207
Conc: 595.77 ng/ml



#16 DCPA

R.T.: 11.634 min
Delta R.T.: -0.010 min
Response: 25666659270
Conc: 764.98 ng/ml



#16 DCPA

R.T.: 12.136 min
Delta R.T.: -0.004 min
Response: 23213981817
Conc: 728.61 ng/ml