

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS080825\
 Data File : PS031401.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Aug 2025 13:41
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 08/11/2025
 Supervised By : mohammad ahmed 08/12/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 11 03:28:26 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS080725.M
 Quant Title : 8080.M
 QLast Update : Fri Aug 08 03:17:54 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	7.292	7.745	2275.3E6	608.8E6	716.860	720.240
Target Compounds							
1) T	Dalapon	2.676	2.696	3187.8E6	1629.7E6	607.325	612.422
2) T	3,5-DICHL...	6.458	6.695	3137.7E6	878.1E6	665.013	649.527
3) T	4-Nitroph...	7.093	7.284	789.4E6	866.5E6	765.120m	689.399m
5) T	DICAMBA	7.479	7.944	9449.8E6	3819.1E6	676.608	672.057
6) T	MCPD	7.659	8.043	579.1E6	123.4E6	71.989	69.808
7) T	MCPA	7.808	8.291	703.7E6	185.0E6	70.645	65.928
8) T	DICHLORPROP	8.187	8.662	2144.3E6	892.9E6	675.931	668.857
9) T	2,4-D	8.419	9.000	2045.1E6	932.2E6	710.880	653.116
10) T	Pentachlo...	8.720	9.515	34916.1E6	24162.6E6	727.232	693.762
11) T	2,4,5-TP ...	9.298	9.899	12834.5E6	8943.0E6	716.064	681.835
12) T	2,4,5-T	9.591	10.327	11308.5E6	8246.9E6	771.846	696.542
13) T	2,4-DB	10.166	10.895	1616.1E6	660.8E6	840.986	684.833
14) T	DINOSEB	11.372	11.275	8723.8E6	6053.4E6	688.080	640.096
15) T	Picloram	11.192	12.390	11380.7E6	13444.6E6	871.807	766.961
16) T	DCPA	11.671	12.317	16615.1E6	13577.8E6	729.395	689.213

(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 : 13 Sample Multiplier: 1

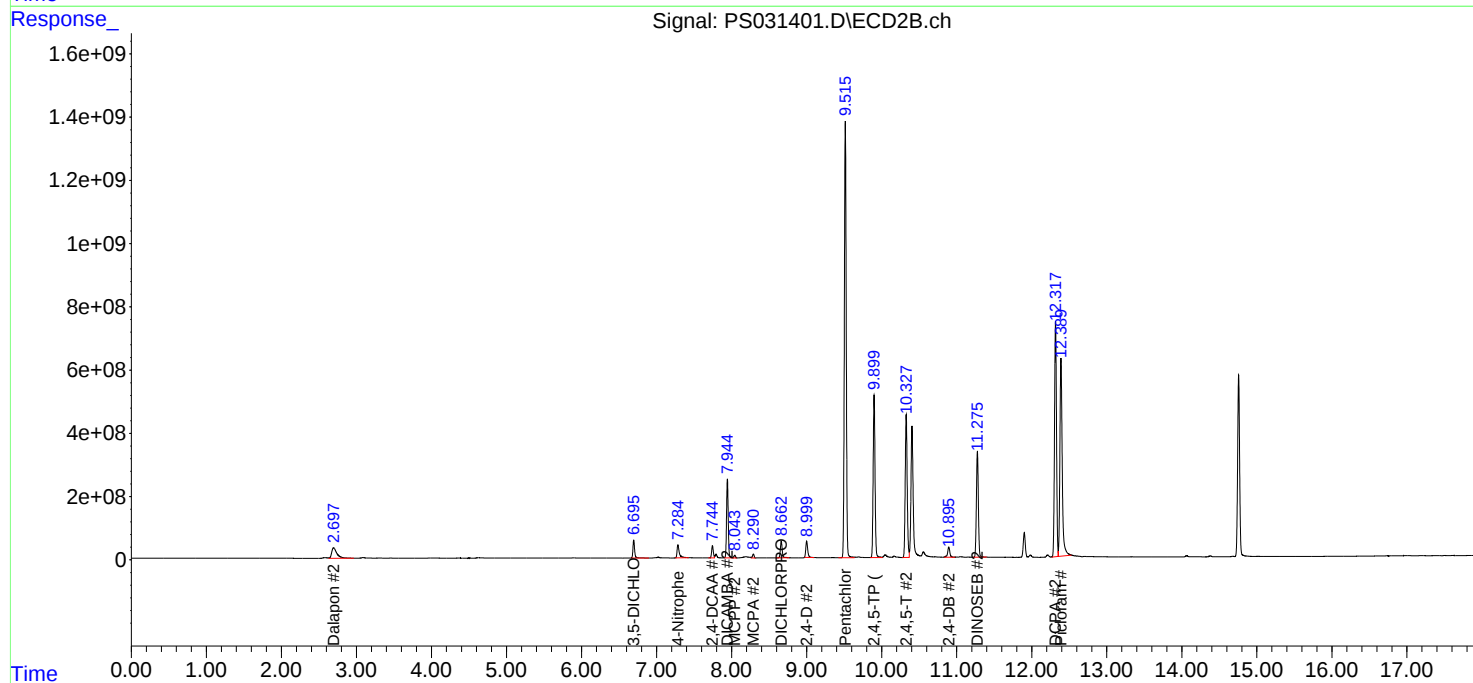
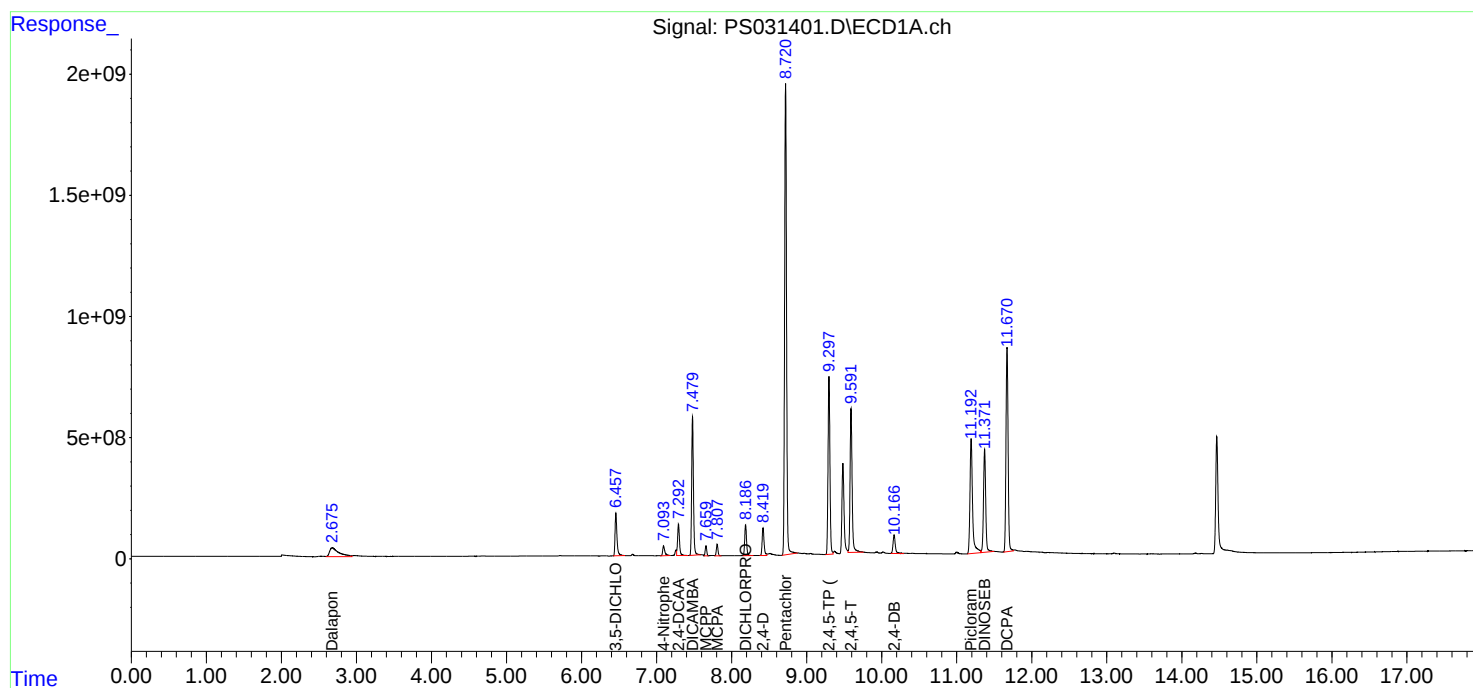
Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

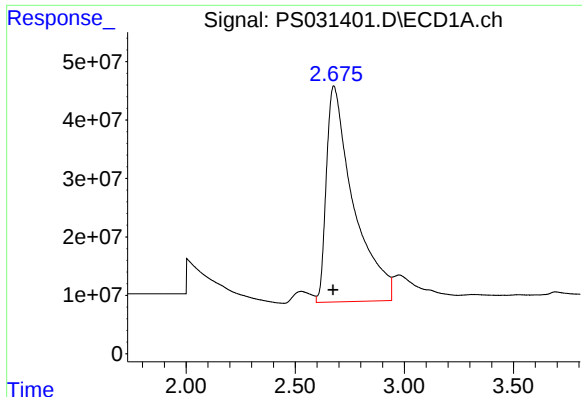
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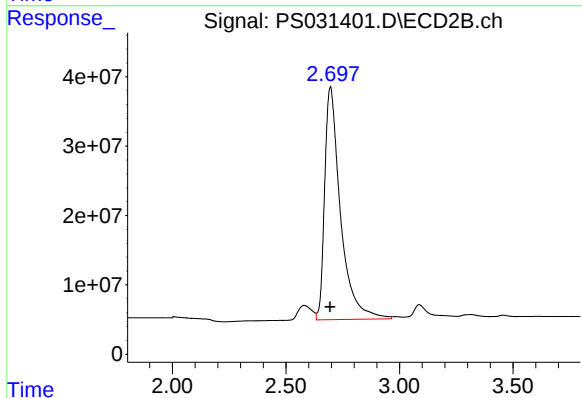
#1 Dalapon

R.T.: 2.676 min
Delta R.T.: 0.002 min
Response: 3187811867
Conc: 607.33 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

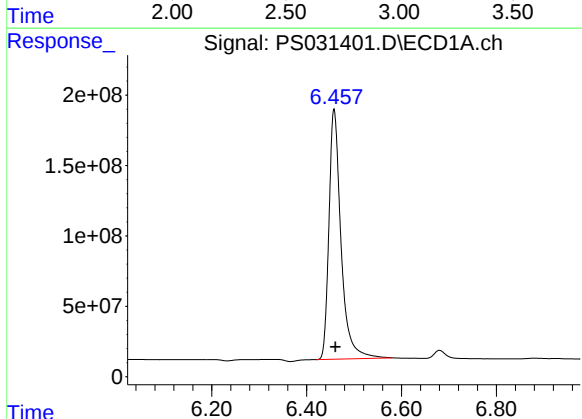
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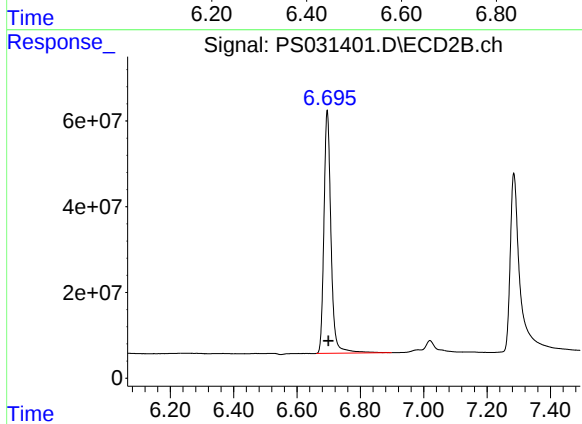
#1 Dalapon

R.T.: 2.696 min
Delta R.T.: 0.000 min
Response: 1629662368
Conc: 612.42 ng/ml



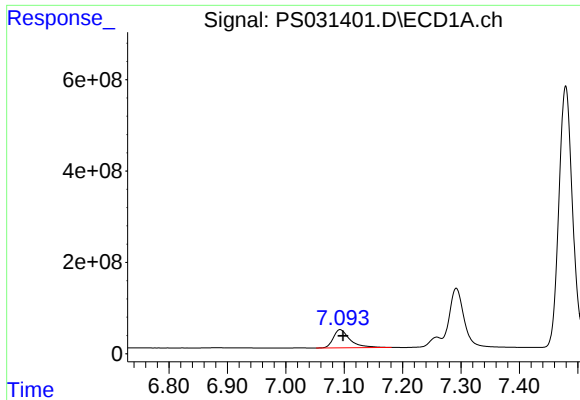
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.458 min
Delta R.T.: -0.003 min
Response: 3137738719
Conc: 665.01 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.695 min
Delta R.T.: -0.003 min
Response: 878114131
Conc: 649.53 ng/ml



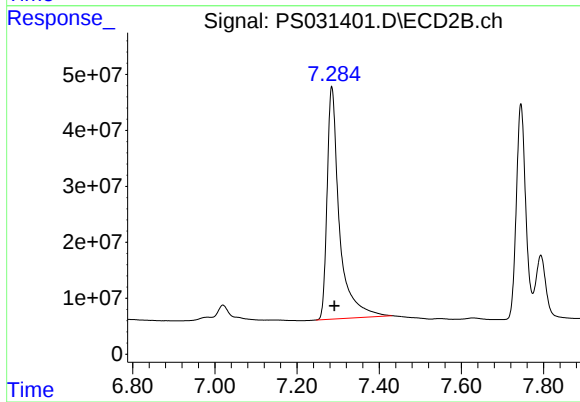
#3 4-Nitrophenol

R.T.: 7.093 min
Delta R.T.: -0.006 min
Response: 789359182
Conc: 765.12 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

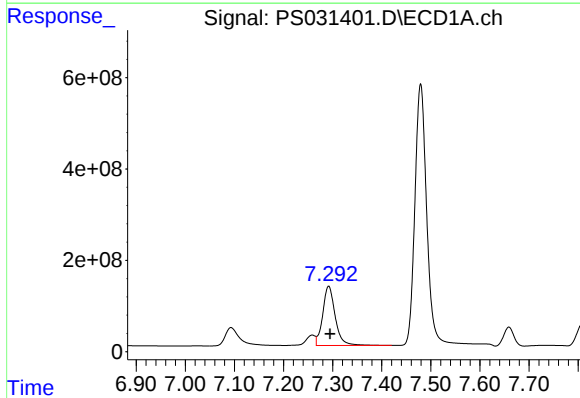
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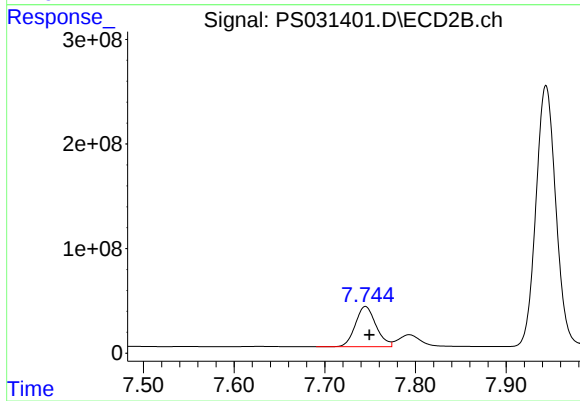
#3 4-Nitrophenol

R.T.: 7.284 min
Delta R.T.: -0.007 min
Response: 866498316
Conc: 689.40 ng/ml m



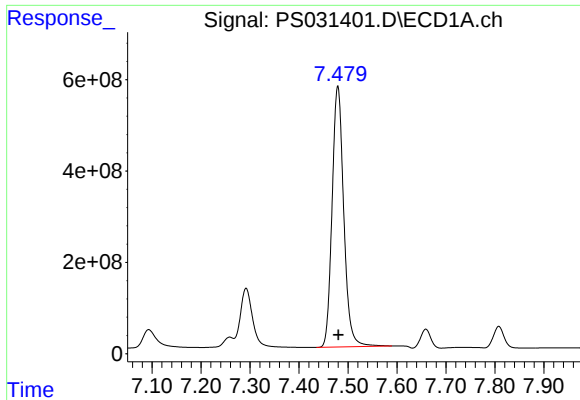
#4 2,4-DCAA

R.T.: 7.292 min
Delta R.T.: -0.003 min
Response: 2275306440
Conc: 716.86 ng/ml



#4 2,4-DCAA

R.T.: 7.745 min
Delta R.T.: -0.004 min
Response: 608847463
Conc: 720.24 ng/ml



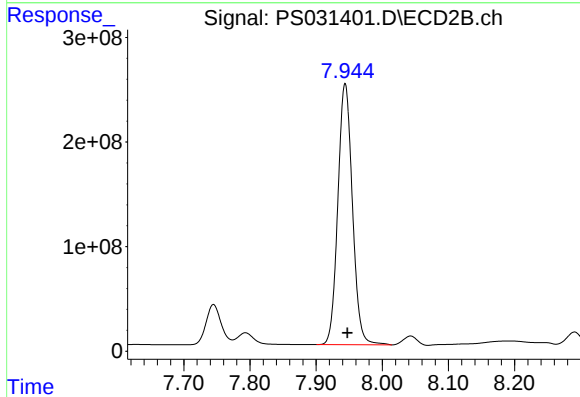
#5 DICAMBA

R.T.: 7.479 min
Delta R.T.: -0.001 min
Response: 9449826280
Conc: 676.61 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

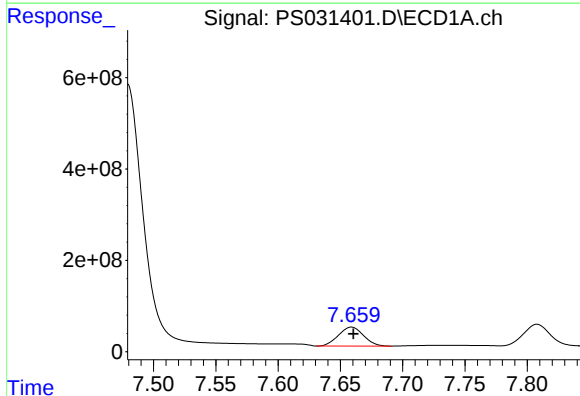
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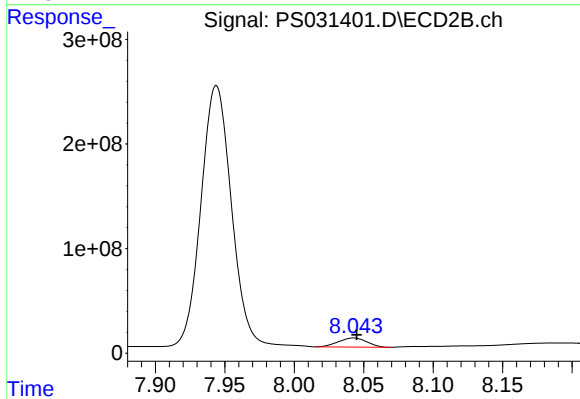
#5 DICAMBA

R.T.: 7.944 min
Delta R.T.: -0.003 min
Response: 3819093578
Conc: 672.06 ng/ml



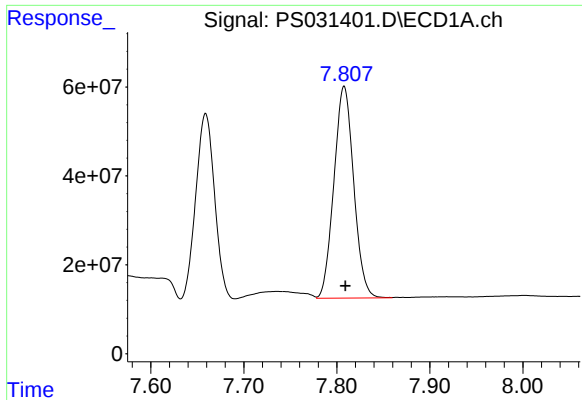
#6 MCP

R.T.: 7.659 min
Delta R.T.: -0.002 min
Response: 579143003
Conc: 71.99 ug/ml



#6 MCP

R.T.: 8.043 min
Delta R.T.: -0.002 min
Response: 123409232
Conc: 69.81 ug/ml



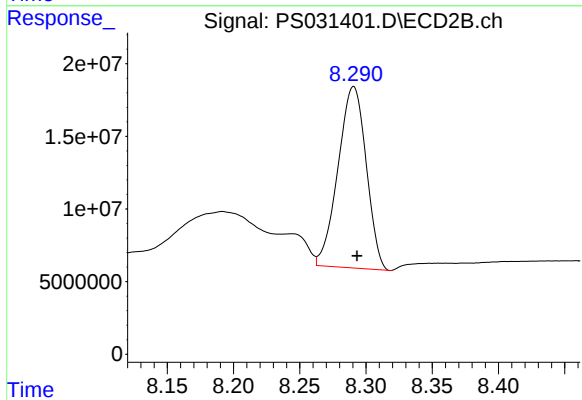
#7 MCPA

R.T.: 7.808 min
Delta R.T.: -0.001 min
Response: 703719752
Conc: 70.65 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

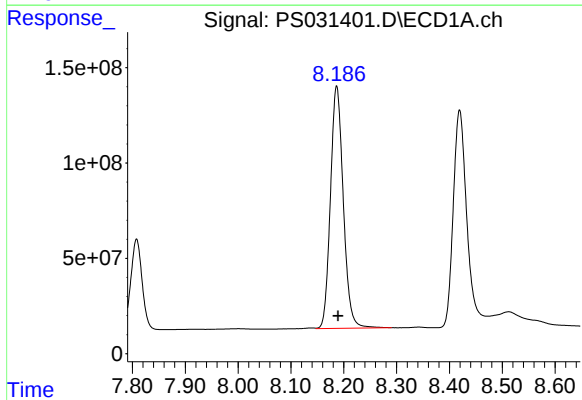
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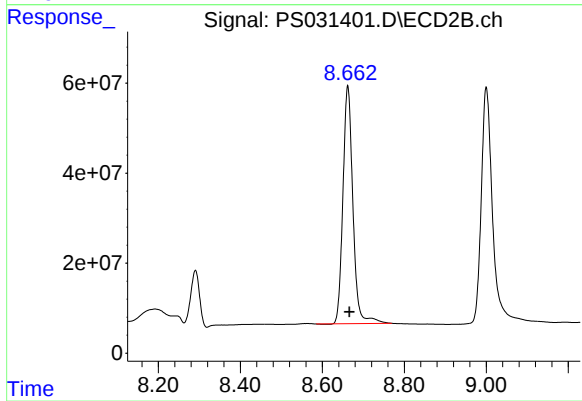
#7 MCPA

R.T.: 8.291 min
Delta R.T.: -0.003 min
Response: 184961014
Conc: 65.93 ug/ml



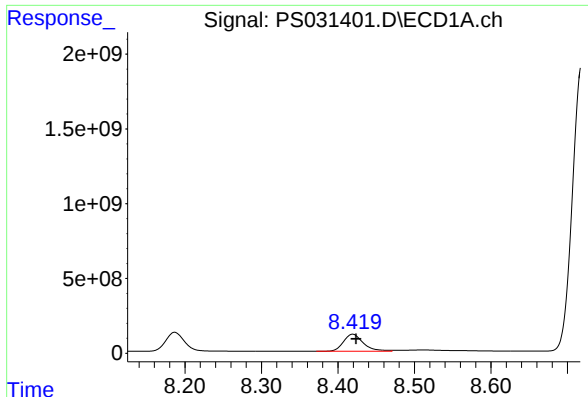
#8 DICHLORPROP

R.T.: 8.187 min
Delta R.T.: -0.003 min
Response: 2144341992
Conc: 675.93 ng/ml



#8 DICHLORPROP

R.T.: 8.662 min
Delta R.T.: -0.004 min
Response: 892945605
Conc: 668.86 ng/ml



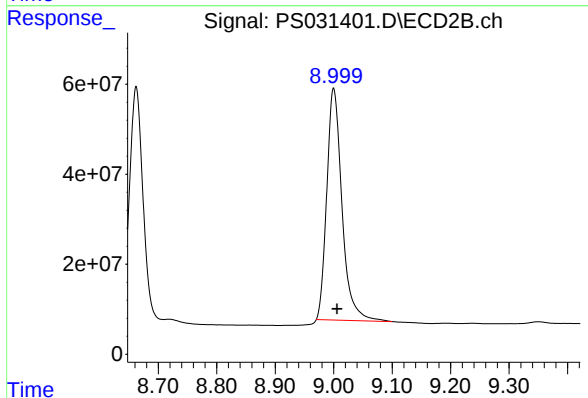
#9 2,4-D

R.T.: 8.419 min
Delta R.T.: -0.004 min
Response: 2045069944
Conc: 710.88 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

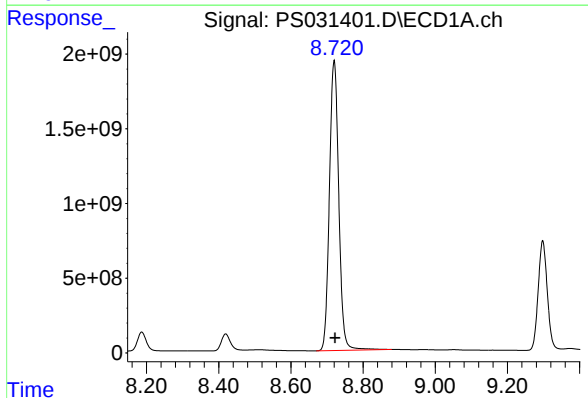
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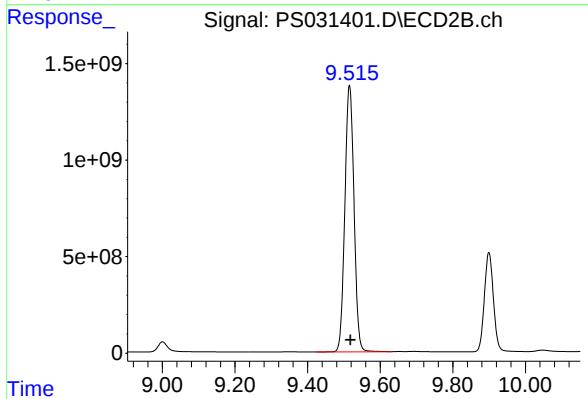
#9 2,4-D

R.T.: 9.000 min
Delta R.T.: -0.006 min
Response: 932183890
Conc: 653.12 ng/ml



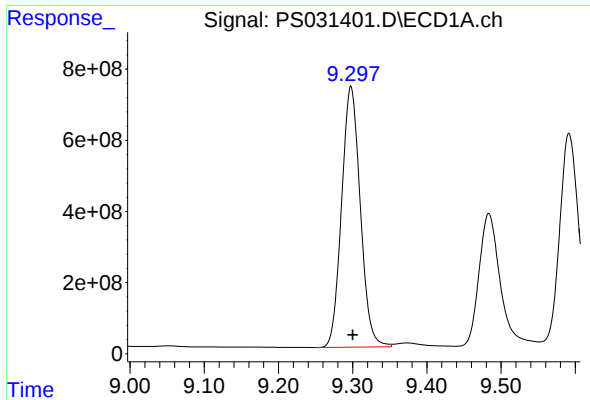
#10 Pentachlorophenol

R.T.: 8.720 min
Delta R.T.: -0.002 min
Response: 34916145422
Conc: 727.23 ng/ml



#10 Pentachlorophenol

R.T.: 9.515 min
Delta R.T.: -0.003 min
Response: 24162625292
Conc: 693.76 ng/ml



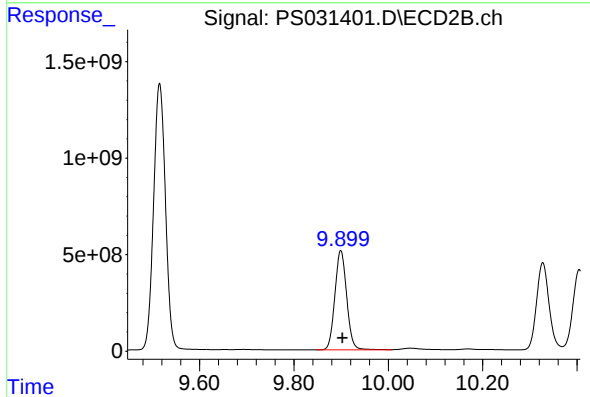
#11 2,4,5-TP (SILVEX)

R.T.: 9.298 min
Delta R.T.: -0.002 min
Response: 12834523132
Conc: 716.06 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

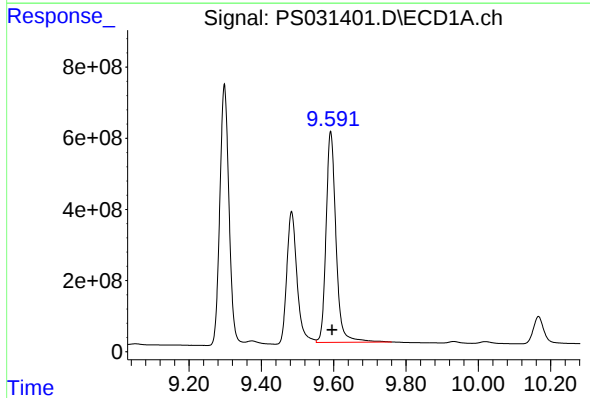
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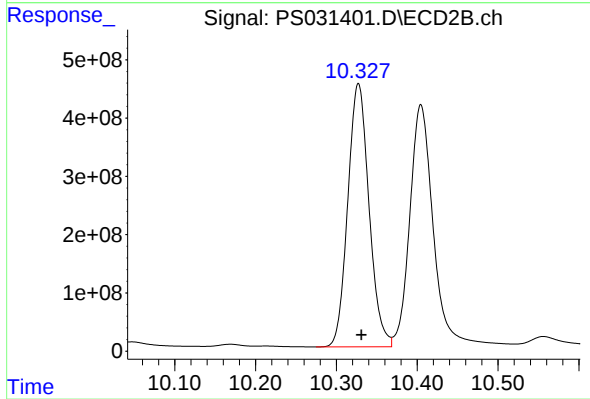
#11 2,4,5-TP (SILVEX)

R.T.: 9.899 min
Delta R.T.: -0.004 min
Response: 8942958467
Conc: 681.83 ng/ml



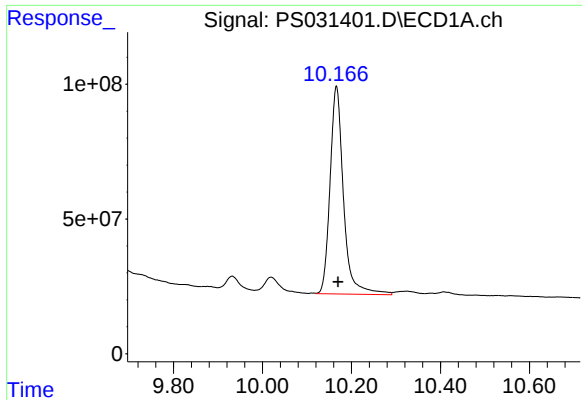
#12 2,4,5-T

R.T.: 9.591 min
Delta R.T.: -0.004 min
Response: 11308492989
Conc: 771.85 ng/ml



#12 2,4,5-T

R.T.: 10.327 min
Delta R.T.: -0.004 min
Response: 8246892817
Conc: 696.54 ng/ml



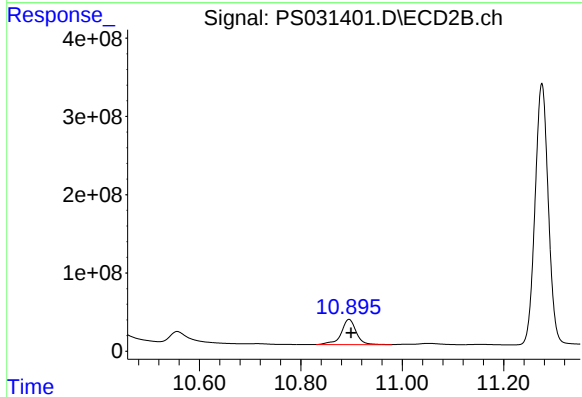
#13 2,4-DB

R.T.: 10.166 min
Delta R.T.: -0.004 min
Response: 1616140344
Conc: 840.99 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

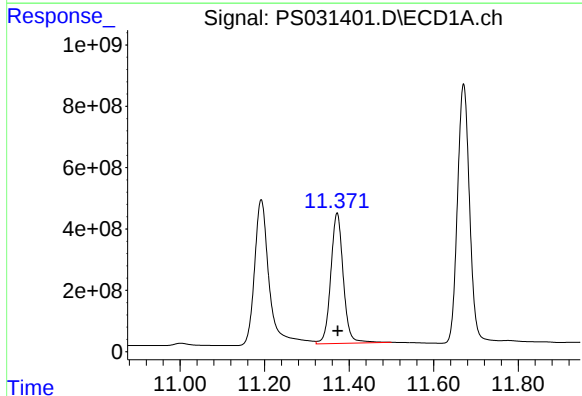
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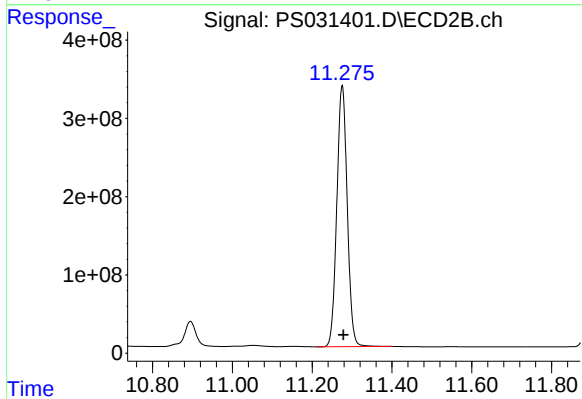
#13 2,4-DB

R.T.: 10.895 min
Delta R.T.: -0.004 min
Response: 660758279
Conc: 684.83 ng/ml



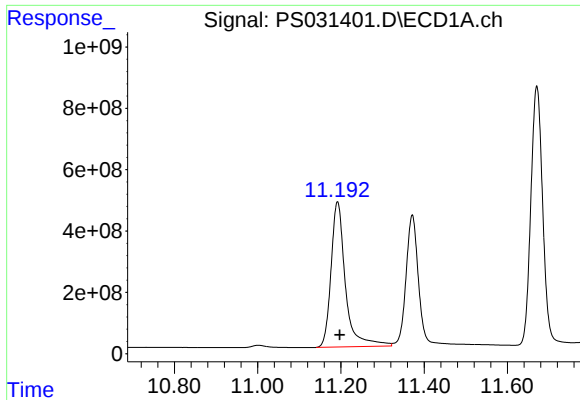
#14 DINOSEB

R.T.: 11.372 min
Delta R.T.: -0.002 min
Response: 8723806464
Conc: 688.08 ng/ml



#14 DINOSEB

R.T.: 11.275 min
Delta R.T.: -0.003 min
Response: 6053352043
Conc: 640.10 ng/ml



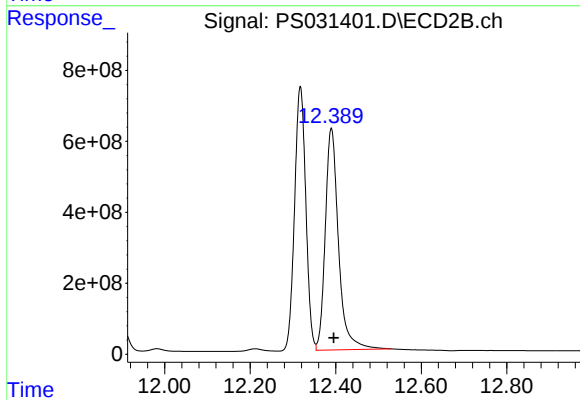
#15 Picloram

R.T.: 11.192 min
Delta R.T.: -0.005 min
Response: 11380698025
Conc: 871.81 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

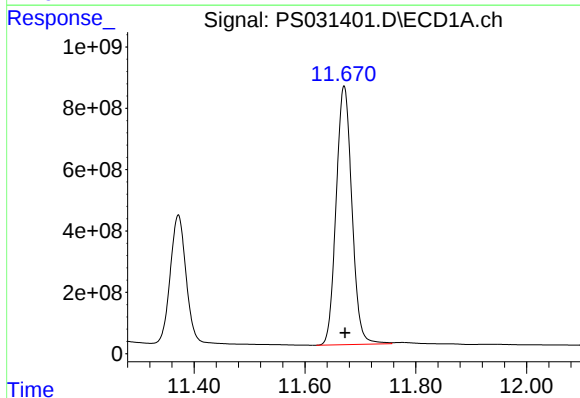
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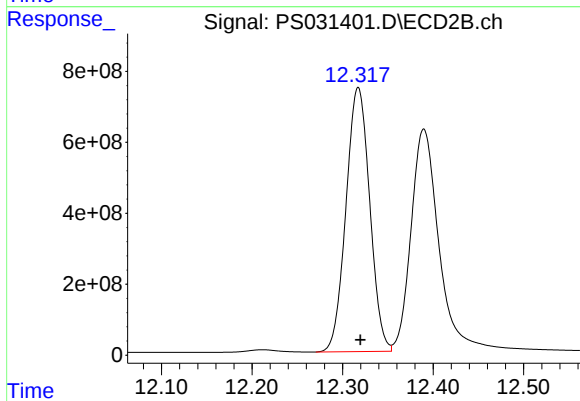
#15 Picloram

R.T.: 12.390 min
Delta R.T.: -0.006 min
Response: 13444626337
Conc: 766.96 ng/ml



#16 DCPA

R.T.: 11.671 min
Delta R.T.: -0.002 min
Response: 16615114874
Conc: 729.39 ng/ml



#16 DCPA

R.T.: 12.317 min
Delta R.T.: -0.003 min
Response: 13577779101
Conc: 689.21 ng/ml