

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS120325\
 Data File : PS032579.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Dec 2025 11:46
 Operator : AR\AJ
 Sample : HSTDICC1000
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDICC1000

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 12/04/2025
 Supervised By : Yogesh Patel 12/08/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 03 12:11:12 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS120325.M
 Quant Title : 8080.M
 QLast Update : Wed Dec 03 12:11:03 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	7.020	7.386	5160.1E6	5144.9E6	904.983	946.768
Target Compounds							
1) T	Dalapon	2.479	2.458	7236.8E6	6478.3E6	839.932	882.638
2) T	3,5-DICHL...	6.213	6.377	6572.5E6	5513.8E6	868.562	893.548
3) T	4-Nitroph...	6.856	6.959	1540.6E6	2245.2E6	1371.391	956.138 #
5) T	DICAMBA	7.192	7.578	19520.6E6	17651.7E6	856.185	869.020
6) T	MCPD	7.366	7.681	1269.5E6	1308.9E6	104.519	99.668
7) T	MCPA	7.514	7.928	1594.4E6	1614.2E6	101.589	99.396
8) T	DICHLORPROP	7.888	8.284	4752.2E6	4466.0E6	861.180	887.032
9) T	2,4-D	8.130	8.622	5510.8E6	5069.1E6	887.662	889.718
10) T	Pentachlo...	8.394	9.089	55950.5E6	49175.8E6	693.693	738.337
11) T	2,4,5-TP ...	8.967	9.489	29108.6E6	25284.5E6	842.020	853.610
12) T	2,4,5-T	9.266	9.917	35685.3E6	24811.2E6	811.165	861.901
13) T	2,4-DB	9.830	10.474	3130.0E6	3805.9E6	1024.515	930.028
14) T	DINOSEB	11.002	10.863	23387.2E6	16048.3E6	825.312m	866.967
15) T	Picloram	10.852	11.984	38108.3E6	32789.3E6	970.110	889.603
16) T	DCPA	11.293	11.866	35298.5E6	30183.6E6	841.368	855.798

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

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Acq On : 03 Dec 2025 11:46
Operator : AR\AJ
Sample : HSTDICC1000
Misc :
ALS Vial : 6 Sample Multiplier: 1

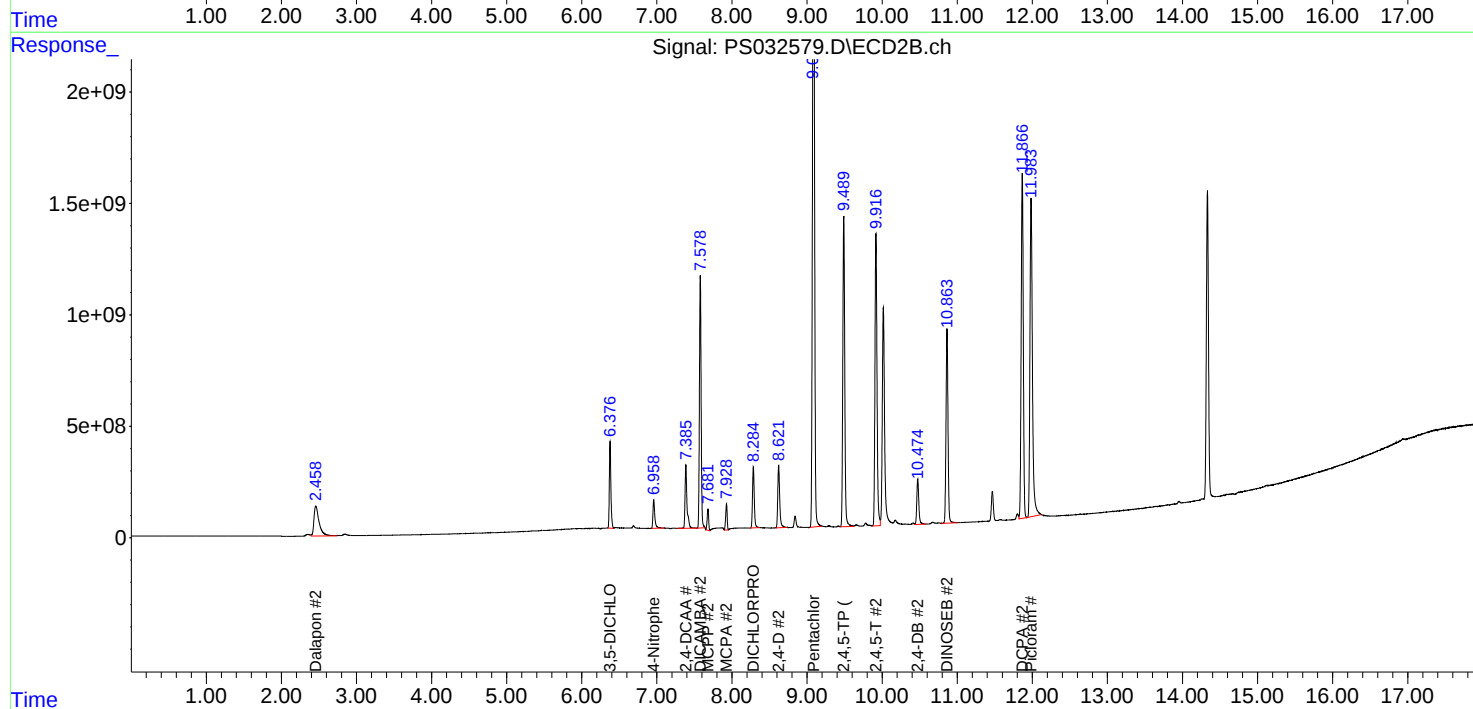
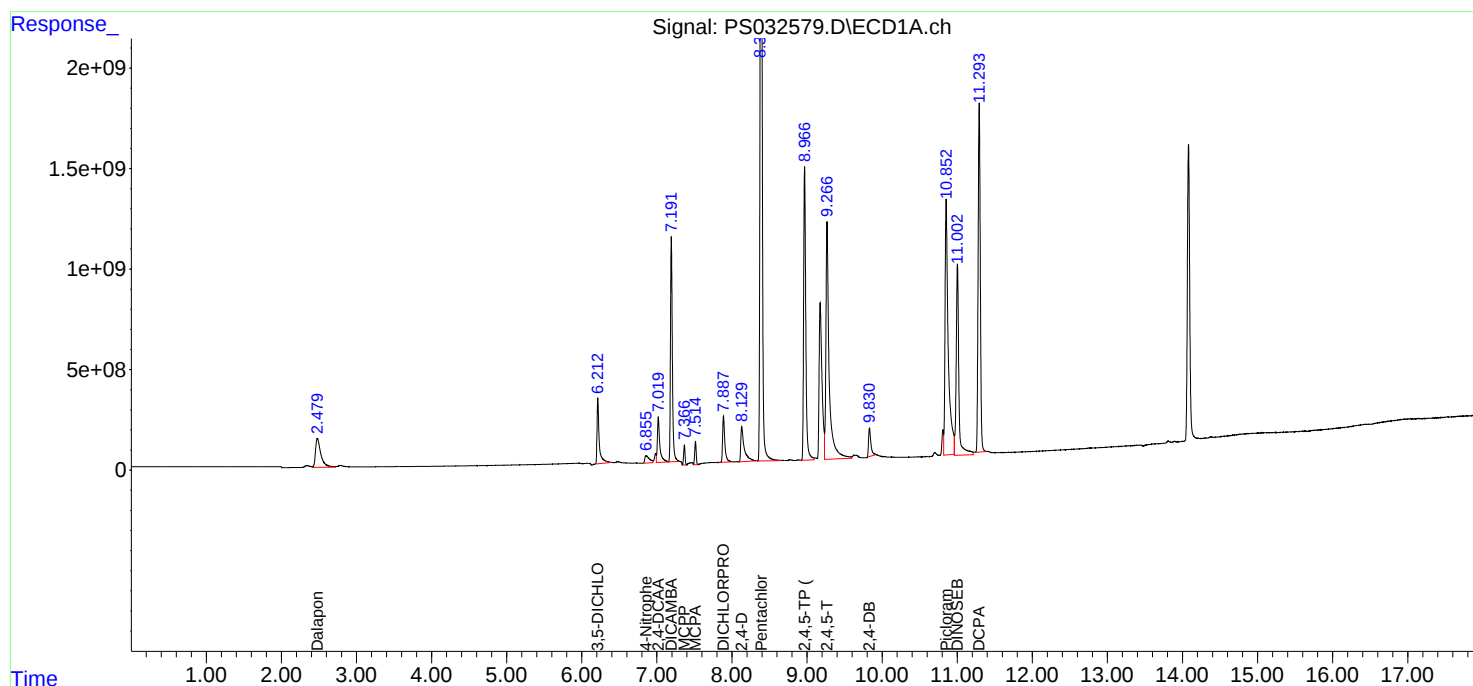
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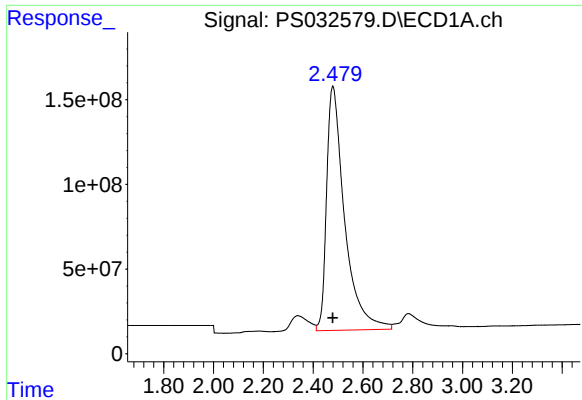
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Supervised By : Yogesh Patel 12/08/2025

Integration File signal 1: autoint1.e
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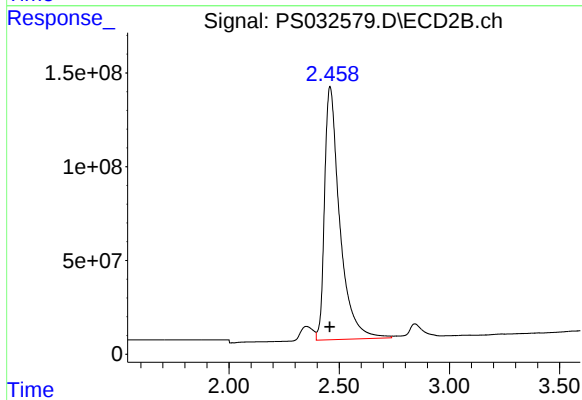
#1 Dalapon

R.T.: 2.479 min
Delta R.T.: 0.000 min
Response: 7236799401
Conc: 839.93 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC1000

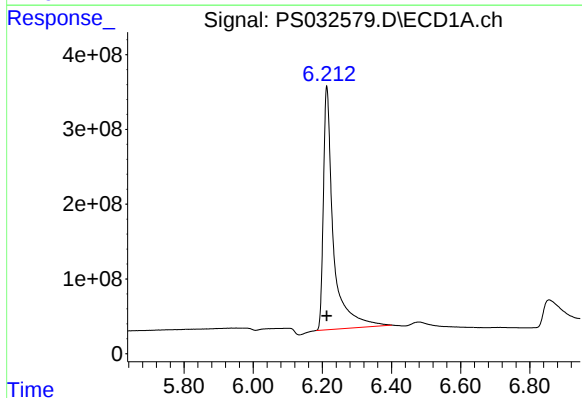
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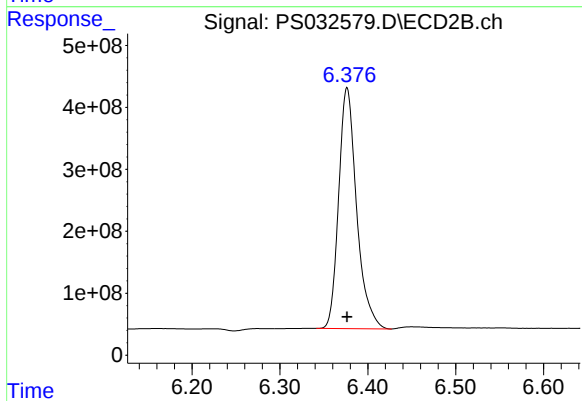
#1 Dalapon

R.T.: 2.458 min
Delta R.T.: 0.000 min
Response: 6478300365
Conc: 882.64 ng/ml



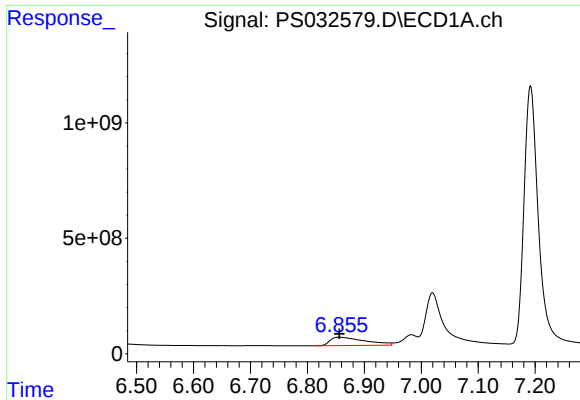
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.213 min
Delta R.T.: 0.000 min
Response: 6572543011
Conc: 868.56 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.377 min
Delta R.T.: 0.000 min
Response: 5513778348
Conc: 893.55 ng/ml



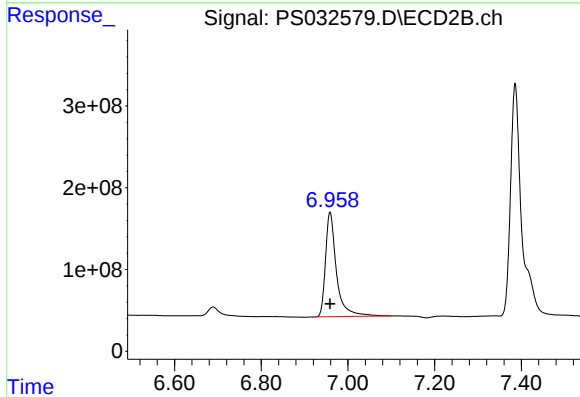
#3 4-Nitrophenol

R.T.: 6.856 min
Delta R.T.: 0.000 min
Response: 1540563116
Conc: 1371.39 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC1000

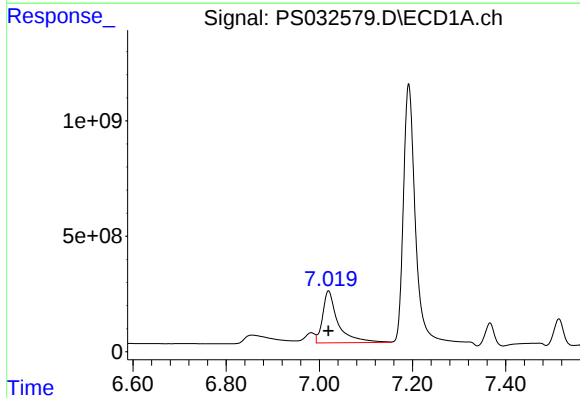
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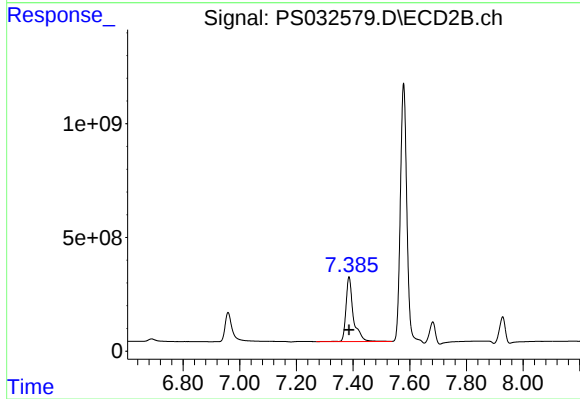
#3 4-Nitrophenol

R.T.: 6.959 min
Delta R.T.: 0.000 min
Response: 2245220775
Conc: 956.14 ng/ml



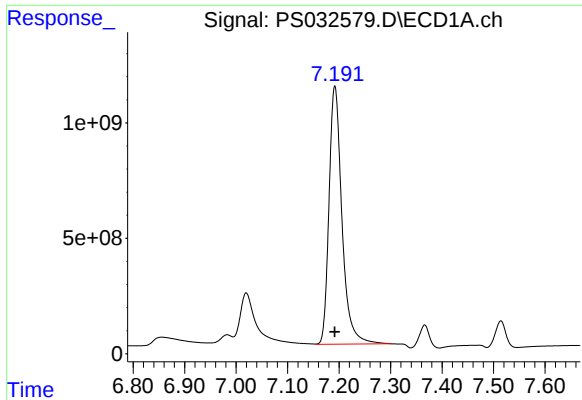
#4 2,4-DCAA

R.T.: 7.020 min
Delta R.T.: 0.000 min
Response: 5160136887
Conc: 904.98 ng/ml



#4 2,4-DCAA

R.T.: 7.386 min
Delta R.T.: 0.000 min
Response: 5144859472
Conc: 946.77 ng/ml



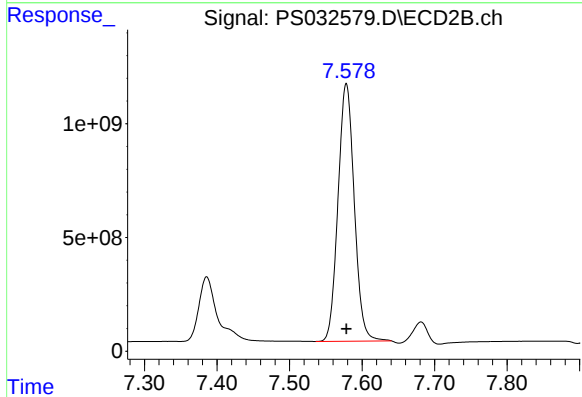
#5 DICAMBA

R.T.: 7.192 min
Delta R.T.: 0.000 min
Response: 19520642927
Conc: 856.18 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC1000

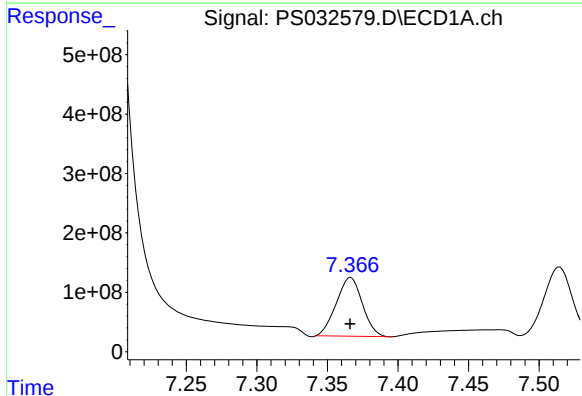
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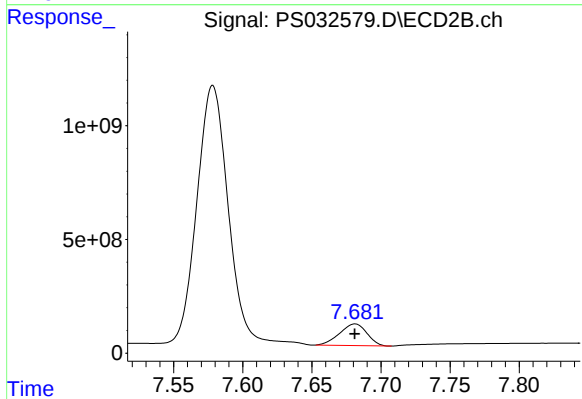
#5 DICAMBA

R.T.: 7.578 min
Delta R.T.: 0.000 min
Response: 17651694782
Conc: 869.02 ng/ml



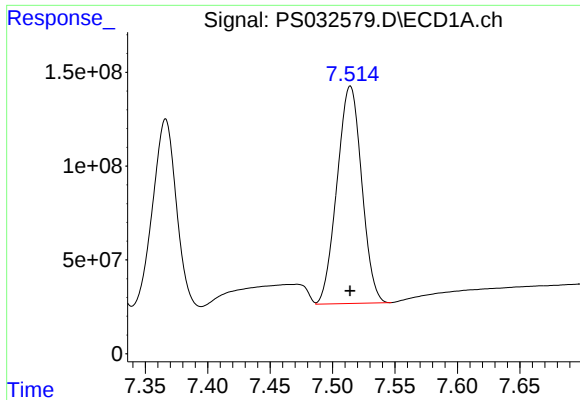
#6 MCP

R.T.: 7.366 min
Delta R.T.: 0.000 min
Response: 1269534346
Conc: 104.52 ug/ml



#6 MCP

R.T.: 7.681 min
Delta R.T.: 0.000 min
Response: 1308879775
Conc: 99.67 ug/ml



#7 MCPA

R.T.: 7.514 min
Delta R.T.: 0.000 min
Response: 1594407511
Conc: 101.59 ug/ml

Instrument :

ECD_S

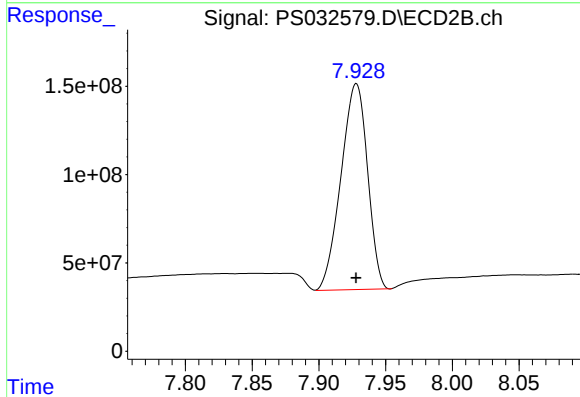
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HSTDICC1000

Manual Integrations

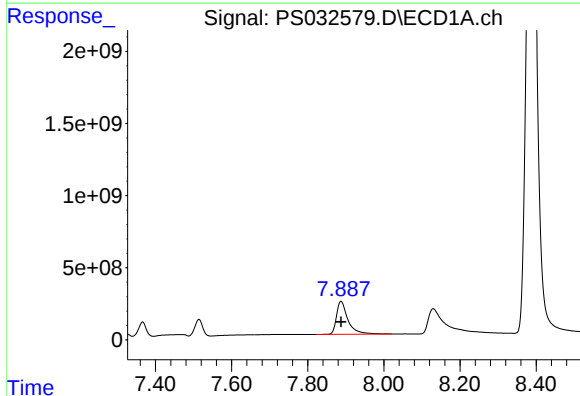
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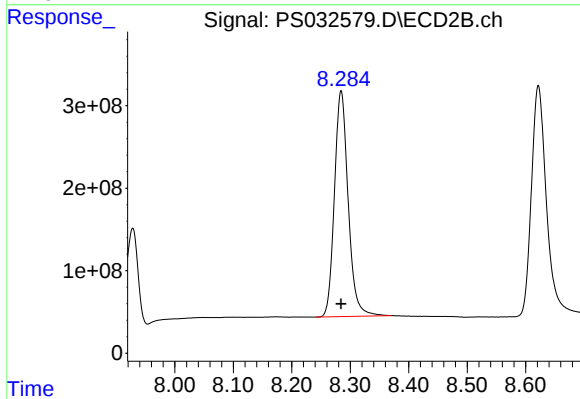
#7 MCPA

R.T.: 7.928 min
Delta R.T.: 0.000 min
Response: 1614211163
Conc: 99.40 ug/ml



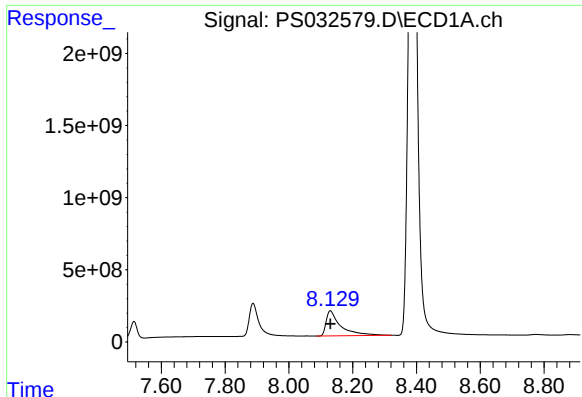
#8 DICHLORPROP

R.T.: 7.888 min
Delta R.T.: 0.000 min
Response: 4752240127
Conc: 861.18 ng/ml



#8 DICHLORPROP

R.T.: 8.284 min
Delta R.T.: 0.000 min
Response: 4466012898
Conc: 887.03 ng/ml



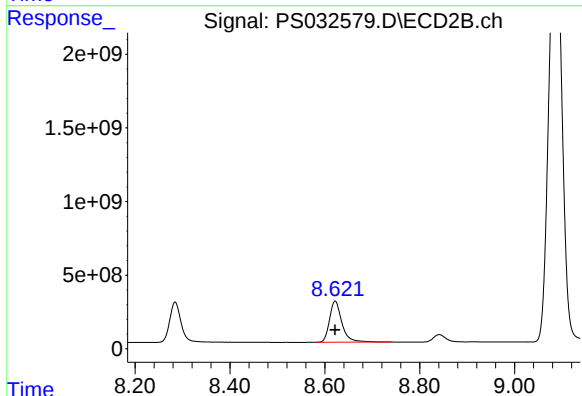
#9 2,4-D

R.T.: 8.130 min
Delta R.T.: 0.000 min
Response: 5510766873
Conc: 887.66 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC1000

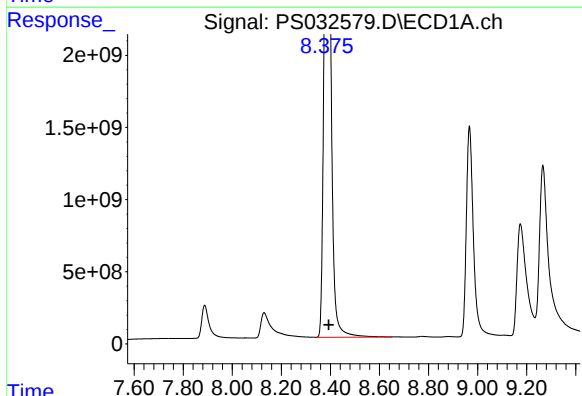
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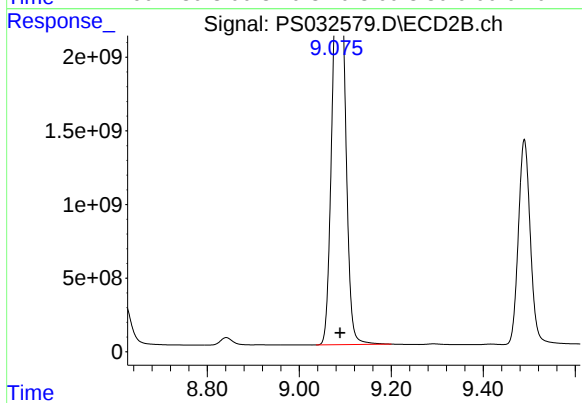
#9 2,4-D

R.T.: 8.622 min
Delta R.T.: 0.000 min
Response: 5069138694
Conc: 889.72 ng/ml



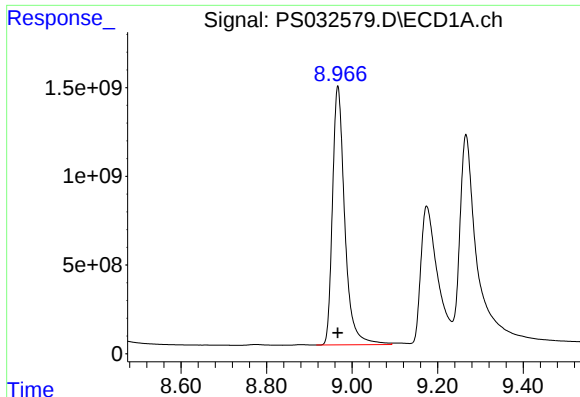
#10 Pentachlorophenol

R.T.: 8.394 min
Delta R.T.: 0.000 min
Response: 55950480791
Conc: 693.69 ng/ml



#10 Pentachlorophenol

R.T.: 9.089 min
Delta R.T.: 0.000 min
Response: 49175763653
Conc: 738.34 ng/ml



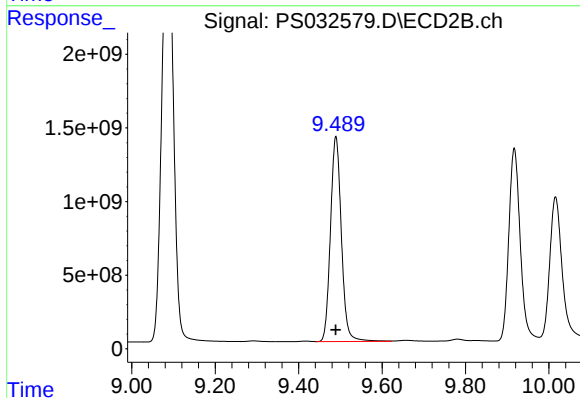
#11 2,4,5-TP (SILVEX)

R.T.: 8.967 min
Delta R.T.: 0.000 min
Response: 29108643689
Conc: 842.02 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC1000

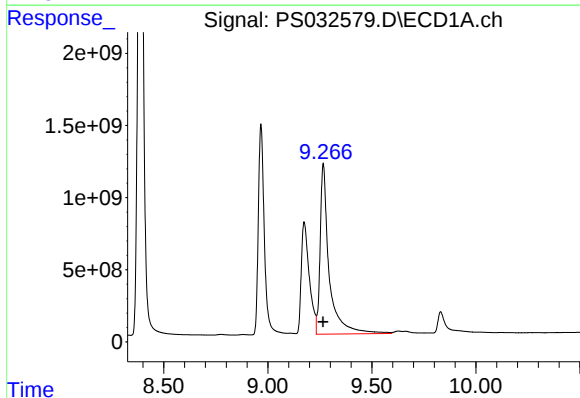
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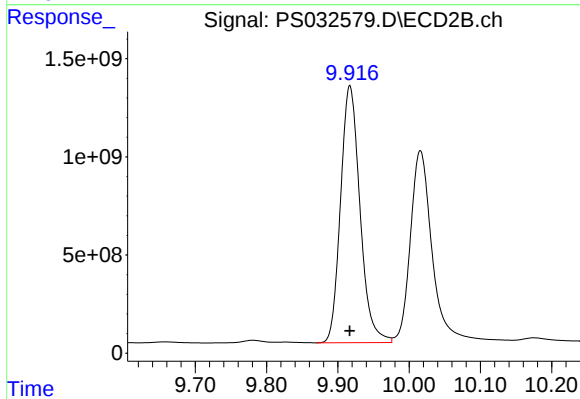
#11 2,4,5-TP (SILVEX)

R.T.: 9.489 min
Delta R.T.: 0.000 min
Response: 25284491308
Conc: 853.61 ng/ml



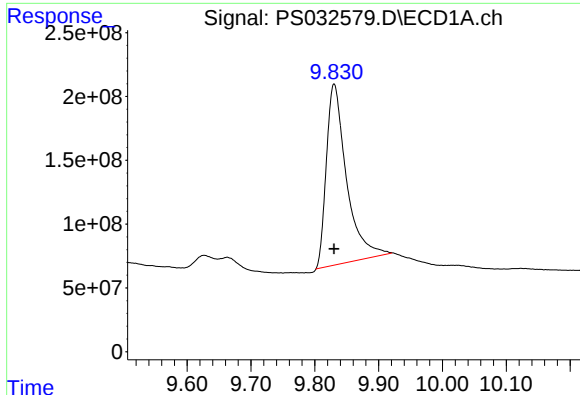
#12 2,4,5-T

R.T.: 9.266 min
Delta R.T.: 0.000 min
Response: 35685254737
Conc: 811.16 ng/ml



#12 2,4,5-T

R.T.: 9.917 min
Delta R.T.: 0.000 min
Response: 24811200876
Conc: 861.90 ng/ml



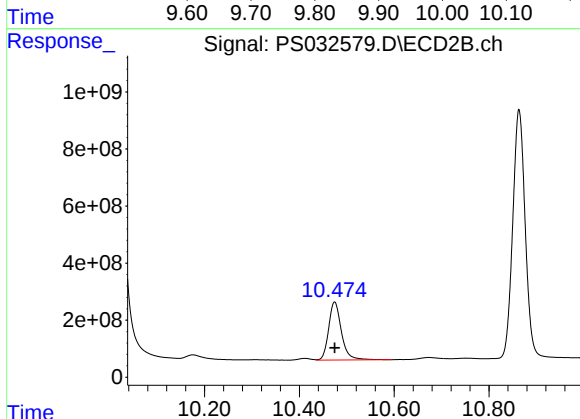
#13 2,4-DB

R.T.: 9.830 min
Delta R.T.: 0.000 min
Response: 3130017297
Conc: 1024.51 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC1000

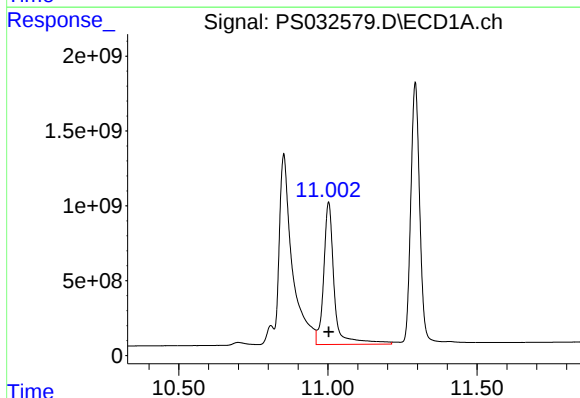
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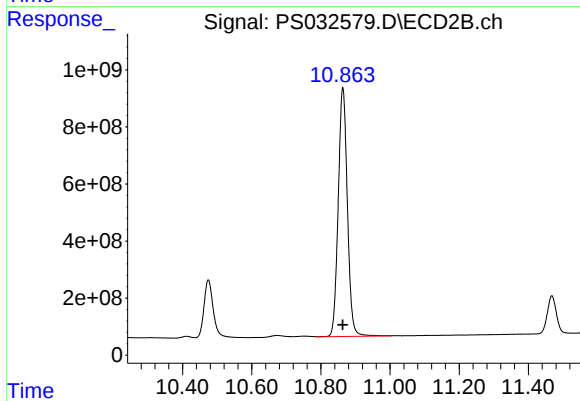
#13 2,4-DB

R.T.: 10.474 min
Delta R.T.: 0.000 min
Response: 3805908563
Conc: 930.03 ng/ml



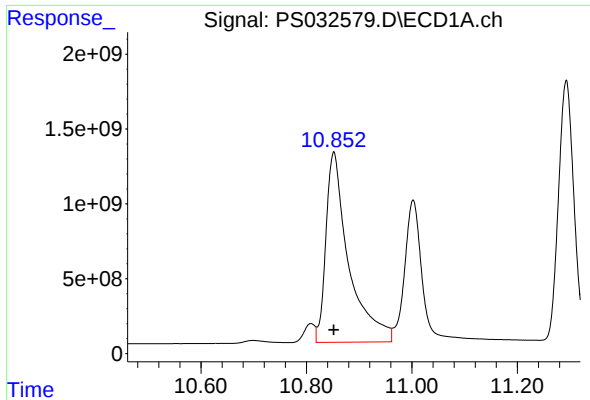
#14 DINOSEB

R.T.: 11.002 min
Delta R.T.: 0.000 min
Response: 23387202425
Conc: 825.31 ng/ml m



#14 DINOSEB

R.T.: 10.863 min
Delta R.T.: 0.000 min
Response: 16048303272
Conc: 866.97 ng/ml



#15 Picloram

R.T.: 10.852 min
Delta R.T.: 0.000 min
Response: 38108348653
Conc: 970.11 ng/ml

Instrument :

ECD_S

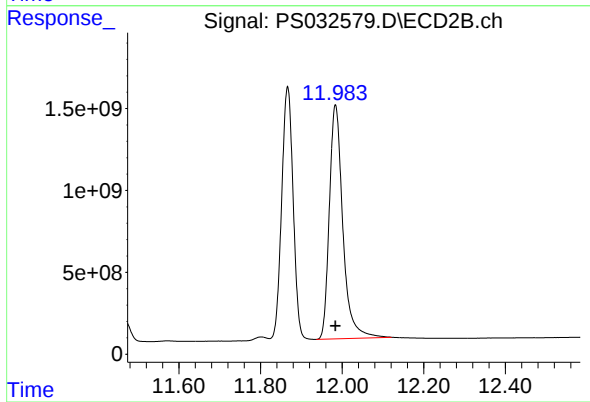
ClientSampleId :

HSTDICC1000

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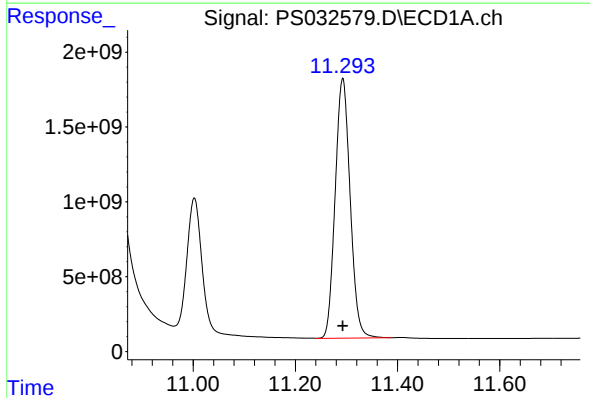
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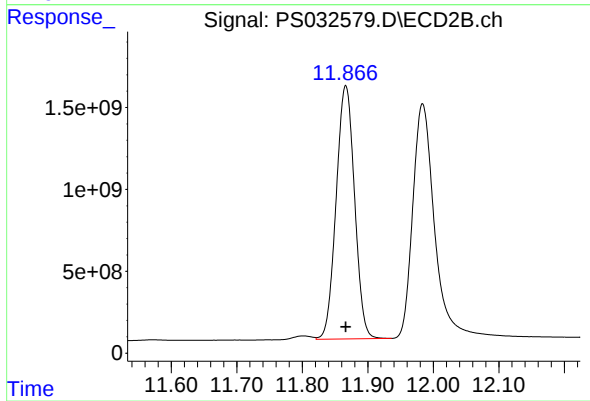
#15 Picloram

R.T.: 11.984 min
Delta R.T.: 0.000 min
Response: 32789307209
Conc: 889.60 ng/ml



#16 DCPA

R.T.: 11.293 min
Delta R.T.: 0.000 min
Response: 35298506878
Conc: 841.37 ng/ml



#16 DCPA

R.T.: 11.866 min
Delta R.T.: 0.000 min
Response: 30183629216
Conc: 855.80 ng/ml