

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS120325\
 Data File : PS032577.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Dec 2025 10:58
 Operator : AR\AJ
 Sample : HSTDICC500
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDICC500

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 11:45:03 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS120325.M
 Quant Title : 8080.M
 QLast Update : Wed Dec 03 11:41:42 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	7.026	7.387	2832.6E6	2669.7E6	511.428	505.939
Target Compounds							
1) T	Dalapon	2.479	2.458	3877.0E6	3318.9E6	465.863	461.731
2) T	3,5-DICHL...	6.221	6.379	3541.1E6	2850.7E6	474.318	468.817
3) T	4-Nitroph...	6.892	6.965	597.0E6	1055.2E6	437.788m	444.732
5) T	DICAMBA	7.194	7.579	10669.8E6	9506.6E6	481.670	479.049
6) T	MCPD	7.364	7.677	579.7E6	620.6E6	45.710	46.156
7) T	MCPA	7.511	7.923	731.1E6	757.8E6	45.158	45.540
8) T	DICHLORPROP	7.892	8.286	2585.0E6	2341.8E6	481.186	476.805
9) T	2,4-D	8.144	8.625	2993.0E6	2653.1E6	481.592	475.668
10) T	Pentachlo...	8.390	9.086	42341.4E6	33102.8E6	527.899	504.112
11) T	2,4,5-TP ...	8.970	9.491	16540.1E6	14067.2E6	490.695	488.401
12) T	2,4,5-T	9.274	9.919	20971.7E6	13704.0E6	496.149	487.809
13) T	2,4-DB	9.839	10.477	1488.2E6	1939.8E6	463.526	477.658
14) T	DINOSEB	11.003	10.865	13130.0E6	8654.1E6	494.680	479.650
15) T	Picloram	10.864	11.986	19003.5E6	17560.6E6	471.832	483.065
16) T	DCPA	11.293	11.867	20186.6E6	16959.9E6	497.713	495.415

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

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Acq On : 03 Dec 2025 10:58
Operator : AR\AJ
Sample : HSTDICC500
Misc :
ALS Vial : 4 Sample Multiplier: 1

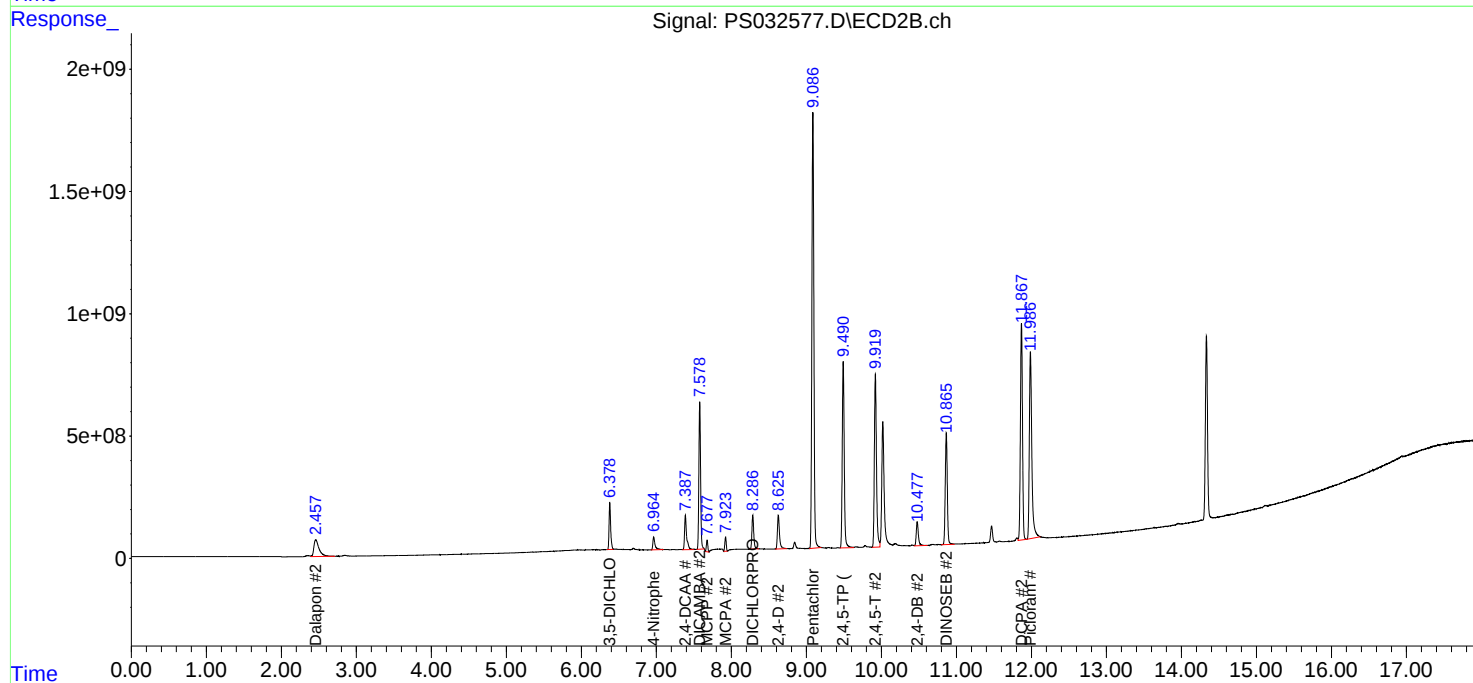
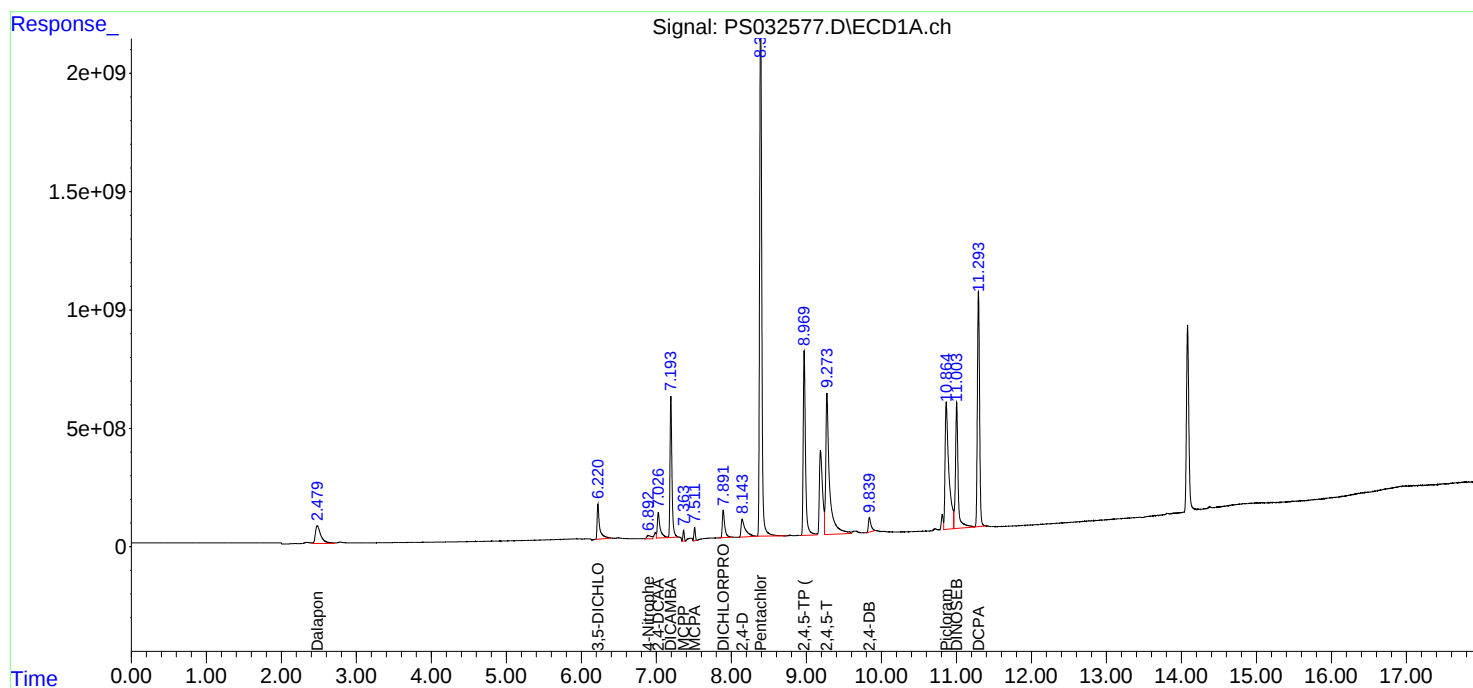
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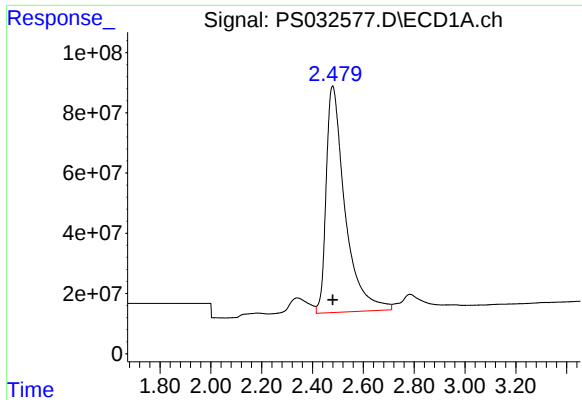
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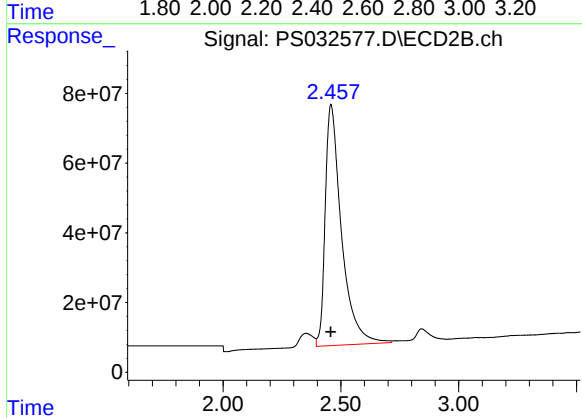
#1 Dalapon

R.T.: 2.479 min
Delta R.T.: 0.000 min
Response: 3876995692
Conc: 465.86 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC500

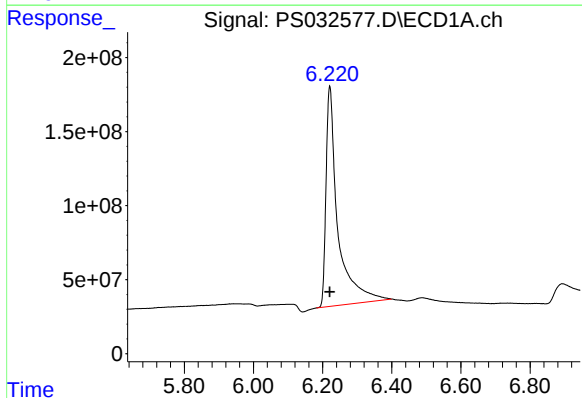
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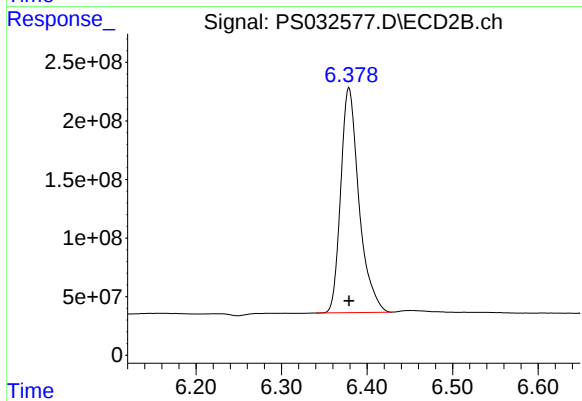
#1 Dalapon

R.T.: 2.458 min
Delta R.T.: 0.000 min
Response: 3318944397
Conc: 461.73 ng/ml



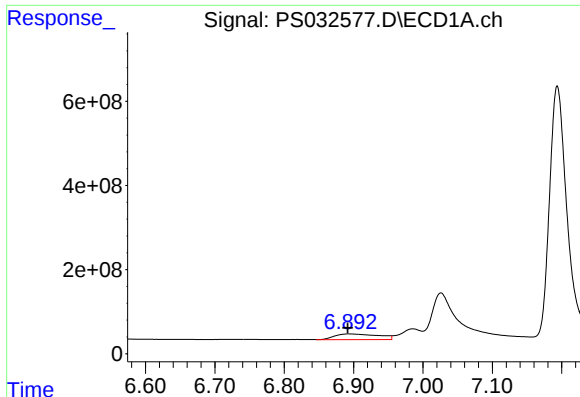
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.221 min
Delta R.T.: 0.000 min
Response: 3541095634
Conc: 474.32 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.379 min
Delta R.T.: 0.000 min
Response: 2850747788
Conc: 468.82 ng/ml



#3 4-Nitrophenol

R.T.: 6.892 min
Delta R.T.: 0.000 min
Response: 597038770
Conc: 437.79 ng/ml

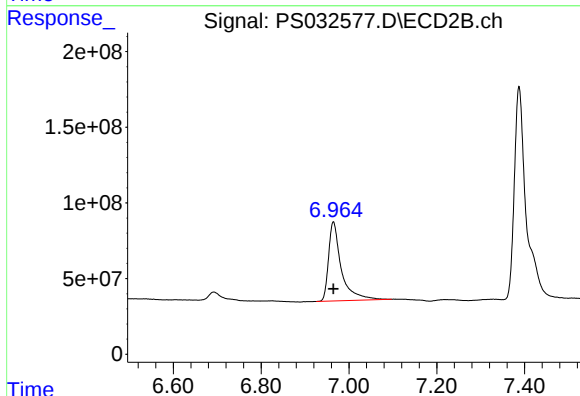
Instrument :

ECD_S

ClientSampleId :
HSTDICC500

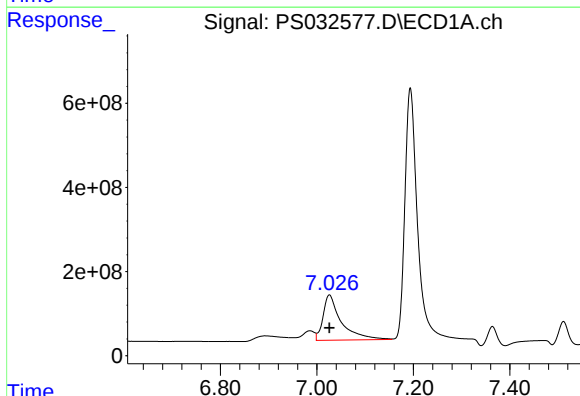
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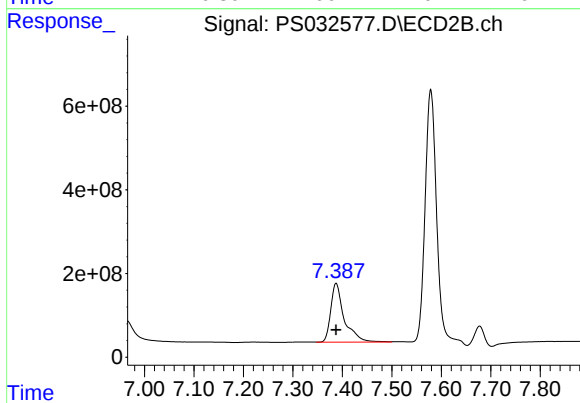
#3 4-Nitrophenol

R.T.: 6.965 min
Delta R.T.: 0.000 min
Response: 1055155504
Conc: 444.73 ng/ml



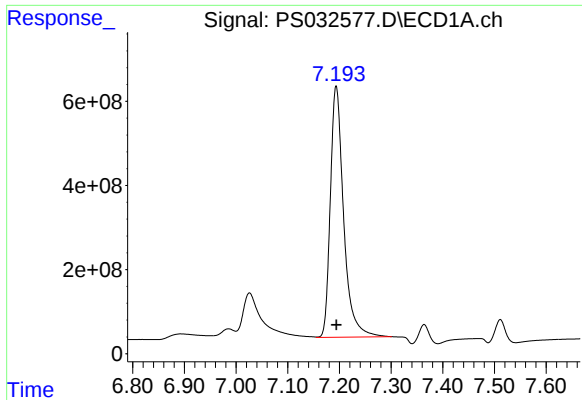
#4 2,4-DCAA

R.T.: 7.026 min
Delta R.T.: 0.000 min
Response: 2832589163
Conc: 511.43 ng/ml



#4 2,4-DCAA

R.T.: 7.387 min
Delta R.T.: 0.000 min
Response: 2669653630
Conc: 505.94 ng/ml



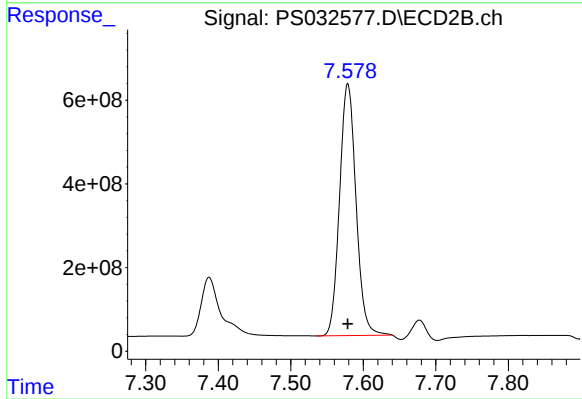
#5 DICAMBA

R.T.: 7.194 min
Delta R.T.: 0.000 min
Response: 10669762286
Conc: 481.67 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC500

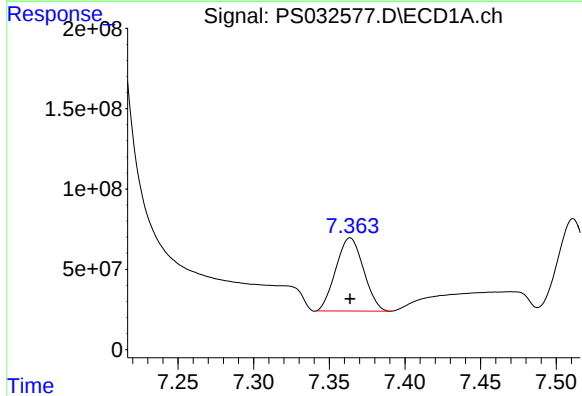
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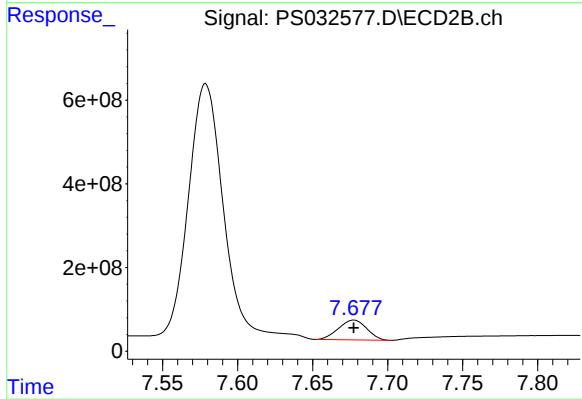
#5 DICAMBA

R.T.: 7.579 min
Delta R.T.: 0.000 min
Response: 9506608043
Conc: 479.05 ng/ml



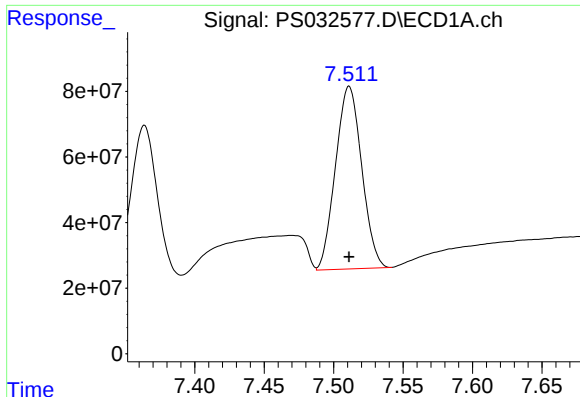
#6 MCP

R.T.: 7.364 min
Delta R.T.: 0.000 min
Response: 579709219
Conc: 45.71 ug/ml



#6 MCP

R.T.: 7.677 min
Delta R.T.: 0.000 min
Response: 620558151
Conc: 46.16 ug/ml



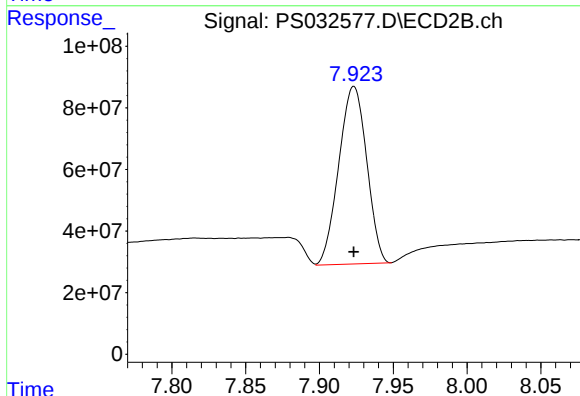
#7 MCPA

R.T.: 7.511 min
Delta R.T.: 0.000 min
Response: 731060713
Conc: 45.16 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC500

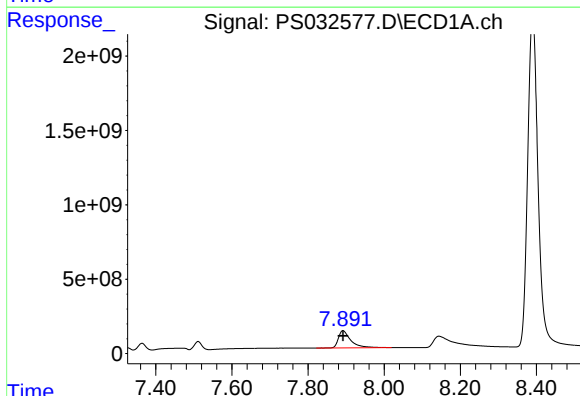
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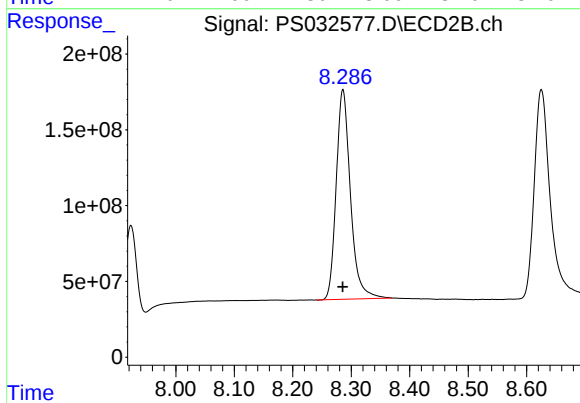
#7 MCPA

R.T.: 7.923 min
Delta R.T.: 0.000 min
Response: 757819265
Conc: 45.54 ug/ml



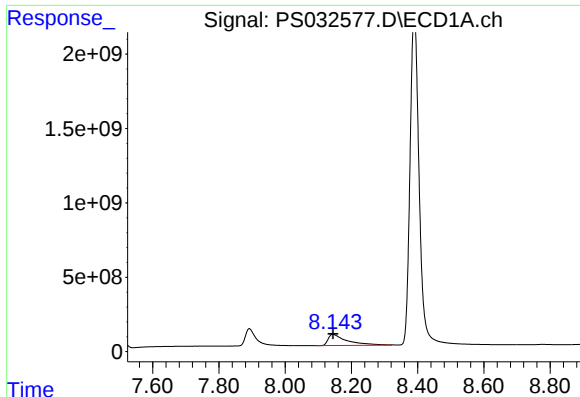
#8 DICHLORPROP

R.T.: 7.892 min
Delta R.T.: 0.000 min
Response: 2585001413
Conc: 481.19 ng/ml



#8 DICHLORPROP

R.T.: 8.286 min
Delta R.T.: 0.000 min
Response: 2341754731
Conc: 476.80 ng/ml



#9 2,4-D

R.T.: 8.144 min
Delta R.T.: 0.000 min
Response: 2992962929
Conc: 481.59 ng/ml

Instrument :

ECD_S

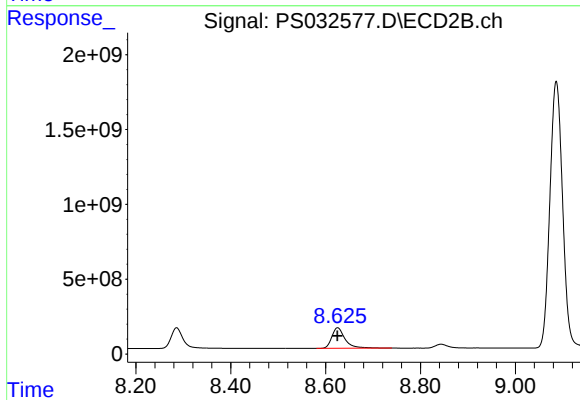
ClientSampleId :

HSTDICC500

Manual Integrations

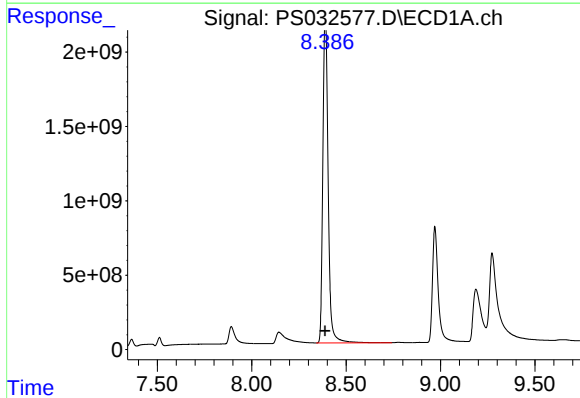
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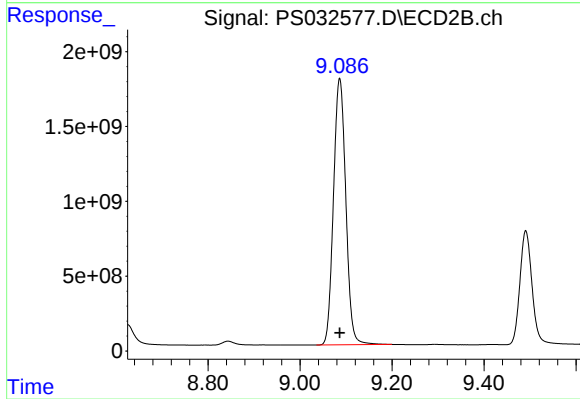
#9 2,4-D

R.T.: 8.625 min
Delta R.T.: 0.000 min
Response: 2653115463
Conc: 475.67 ng/ml



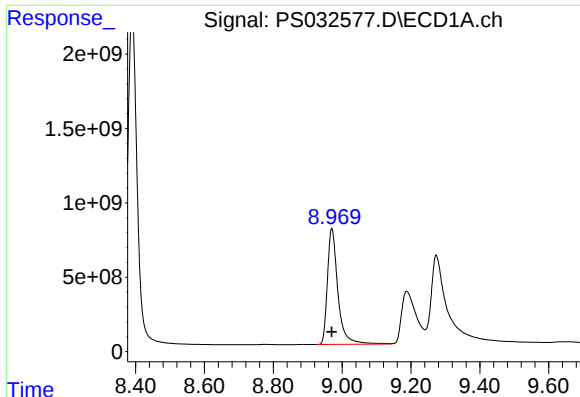
#10 Pentachlorophenol

R.T.: 8.390 min
Delta R.T.: 0.000 min
Response: 42341359622
Conc: 527.90 ng/ml



#10 Pentachlorophenol

R.T.: 9.086 min
Delta R.T.: 0.000 min
Response: 33102803733
Conc: 504.11 ng/ml



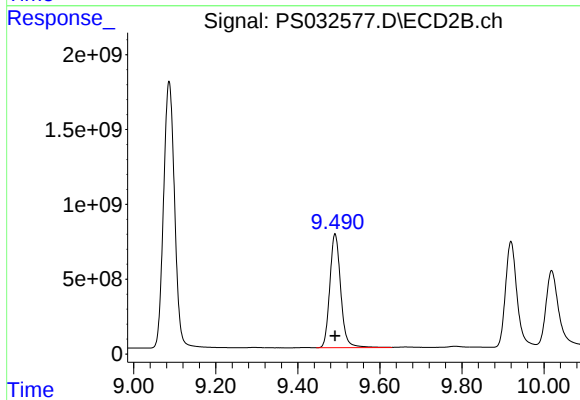
#11 2,4,5-TP (SILVEX)

R.T.: 8.970 min
Delta R.T.: 0.000 min
Response: 16540146915
Conc: 490.70 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC500

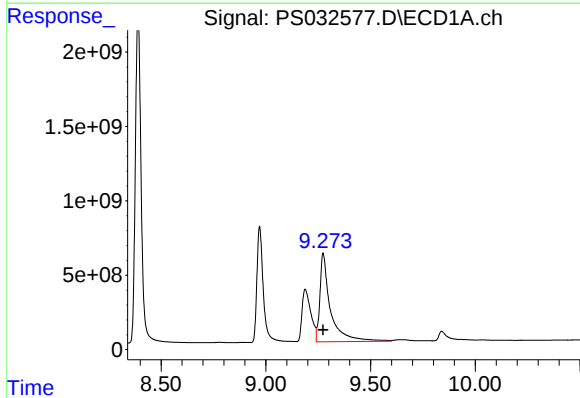
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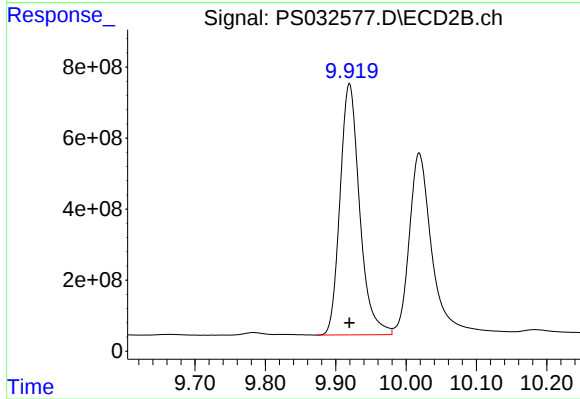
#11 2,4,5-TP (SILVEX)

R.T.: 9.491 min
Delta R.T.: 0.000 min
Response: 14067201998
Conc: 488.40 ng/ml



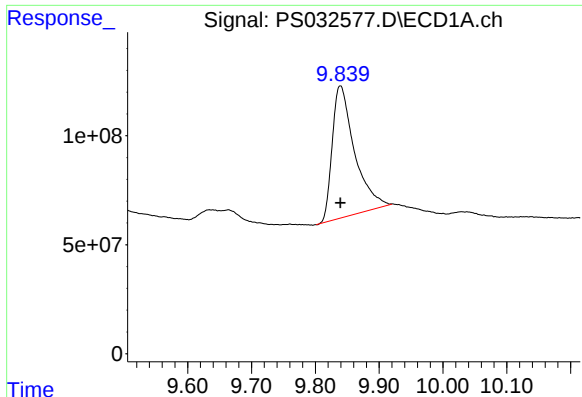
#12 2,4,5-T

R.T.: 9.274 min
Delta R.T.: 0.000 min
Response: 20971662225
Conc: 496.15 ng/ml



#12 2,4,5-T

R.T.: 9.919 min
Delta R.T.: 0.000 min
Response: 13703964106
Conc: 487.81 ng/ml



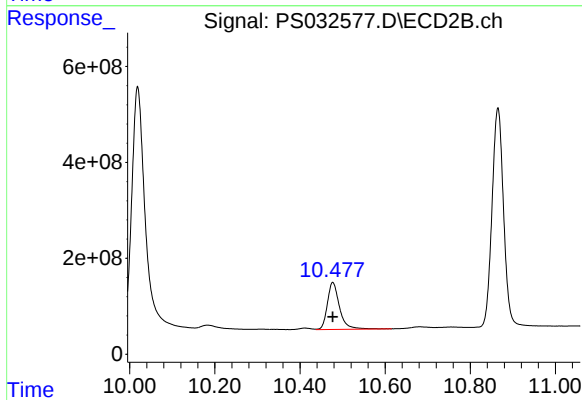
#13 2,4-DB

R.T.: 9.839 min
Delta R.T.: 0.000 min
Response: 1488222195
Conc: 463.53 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC500

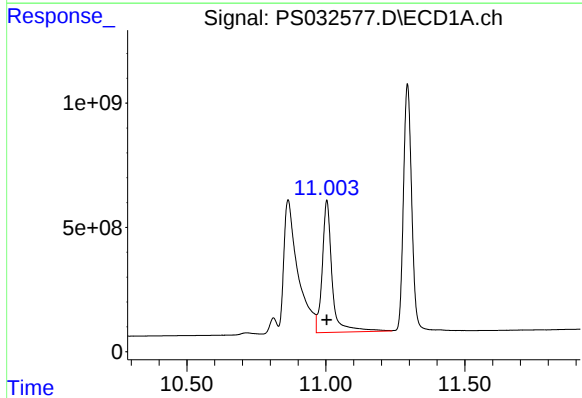
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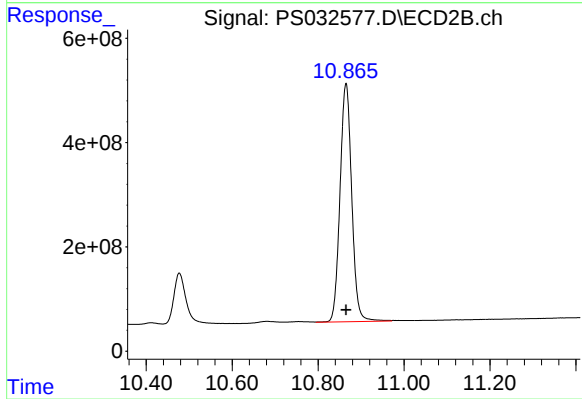
#13 2,4-DB

R.T.: 10.477 min
Delta R.T.: 0.000 min
Response: 1939808247
Conc: 477.66 ng/ml



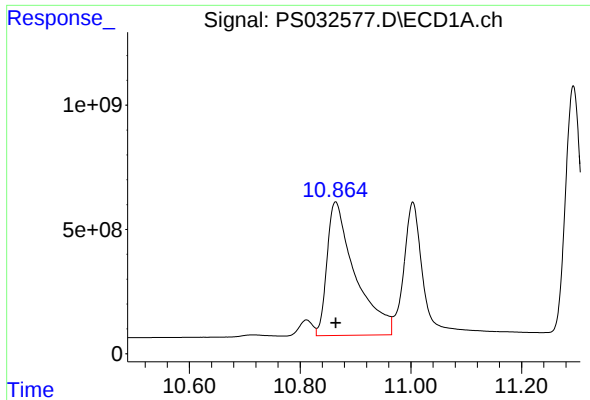
#14 DINOSEB

R.T.: 11.003 min
Delta R.T.: 0.000 min
Response: 13130047333
Conc: 494.68 ng/ml



#14 DINOSEB

R.T.: 10.865 min
Delta R.T.: 0.000 min
Response: 8654059152
Conc: 479.65 ng/ml



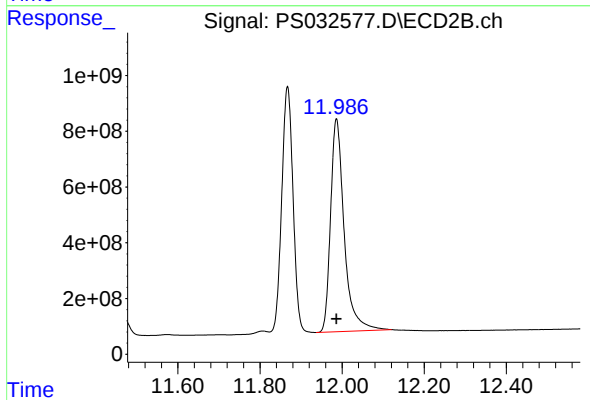
#15 Picloram

R.T.: 10.864 min
Delta R.T.: 0.000 min
Response: 19003460169
Conc: 471.83 ng/ml

Instrument :
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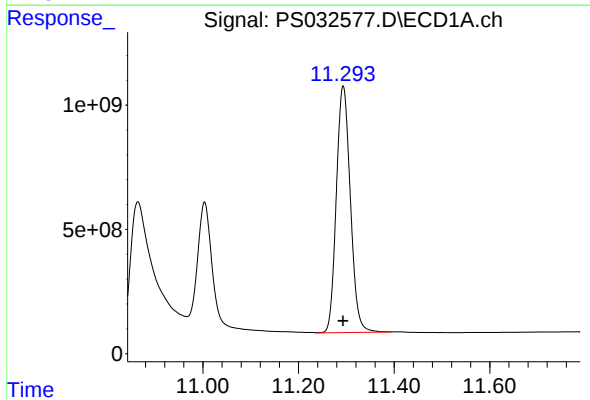
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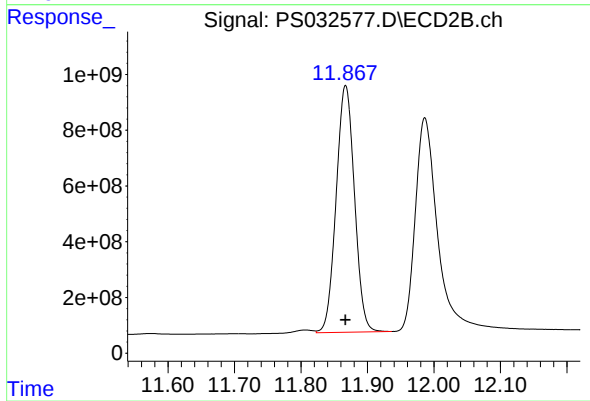
#15 Picloram

R.T.: 11.986 min
Delta R.T.: 0.000 min
Response: 17560559814
Conc: 483.07 ng/ml



#16 DCPA

R.T.: 11.293 min
Delta R.T.: 0.000 min
Response: 20186574613
Conc: 497.71 ng/ml



#16 DCPA

R.T.: 11.867 min
Delta R.T.: 0.000 min
Response: 16959893402
Conc: 495.42 ng/ml