

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS032025\
 Data File : PS029472.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Mar 2025 12:31
 Operator : AR\AJ
 Sample : HSTDICC500
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDICC500

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/21/2025
 Supervised By : mohammad ahmed 03/24/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 21 04:39:13 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS032025.M
 Quant Title : 8080.M
 QLast Update : Fri Mar 21 04:38:06 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 x 0.5 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	7.159	7.600	2197.2E6	444.4E6	525.302	510.680
Target Compounds							
1) T	Dalapon	2.589	2.628	2312.4E6	891.5E6	389.097	469.442
2) T	3,5-DICHL...	6.340	6.578	2865.0E6	639.8E6	488.178	478.594
3) T	4-Nitroph...	6.963	7.136	817.1E6	334.5E6	436.044	462.753
5) T	DICAMBA	7.339	7.791	8968.3E6	2392.2E6	493.217	468.704
6) T	MCPD	7.517	7.894	596.8E6	105.9E6	45.679	46.069
7) T	MCPA	7.664	8.131	790.0E6	137.2E6	46.205	45.819
8) T	DICHLORPROP	8.040	8.497	2333.7E6	583.9E6	499.298	481.991
9) T	2,4-D	8.274	8.821	2231.6E6	579.6E6	485.248	482.843
10) T	Pentachlo...	8.560	9.331	33885.2E6	11513.7E6	548.341	489.690
11) T	2,4,5-TP ...	9.136	9.709	12731.5E6	4344.4E6	505.574	480.997
12) T	2,4,5-T	9.429	10.122	12682.2E6	3707.7E6	500.031	474.400
13) T	2,4-DB	10.000	10.683	1716.0E6	354.0E6	463.679	472.997
14) T	DINOSEB	11.187	11.055	8787.0E6	2723.9E6	500.354	475.719
15) T	Picloram	11.008	12.123	14647.9E6	5207.2E6	482.481	460.567
16) T	DCPA	11.484	12.082	15775.7E6	5844.0E6	514.209	484.356

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

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Acq On : 20 Mar 2025 12:31
Operator : AR\AJ
Sample : HSTDICC500
Misc :
ALS Vial : 4 Sample Multiplier: 1

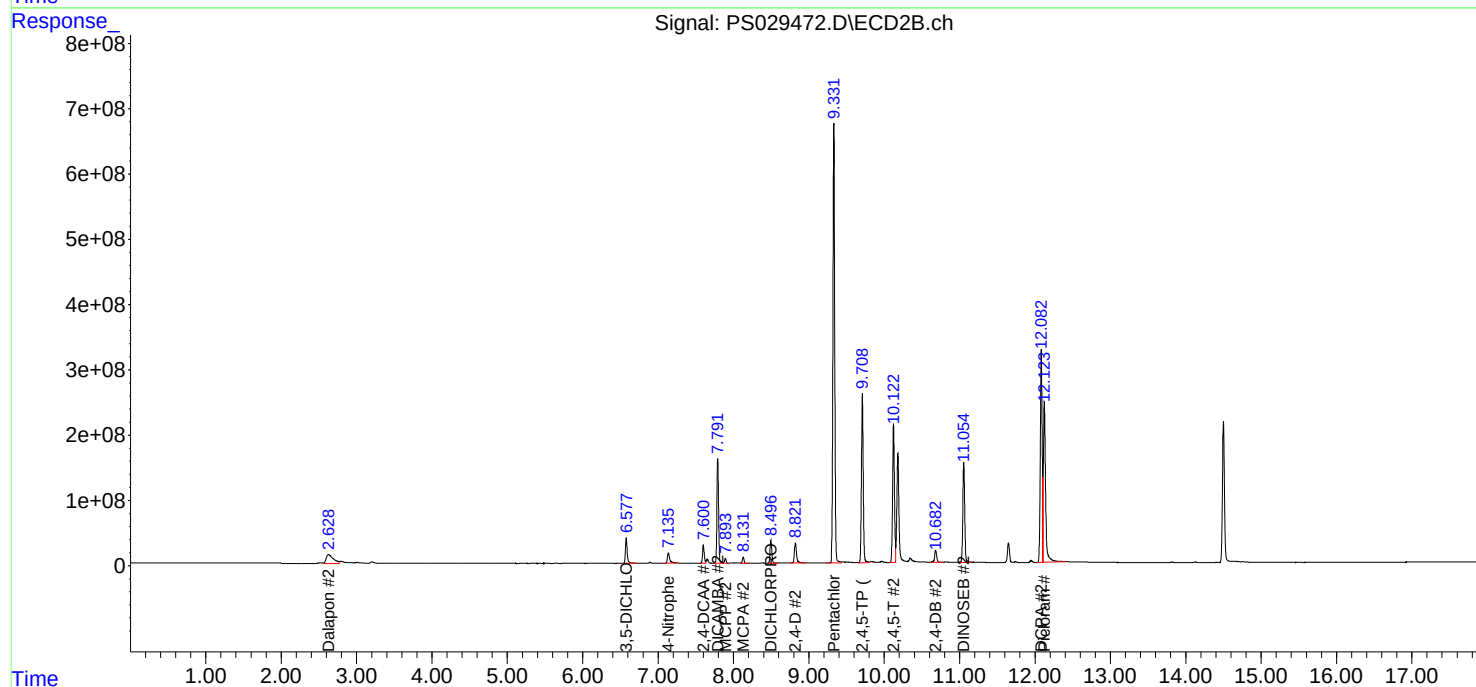
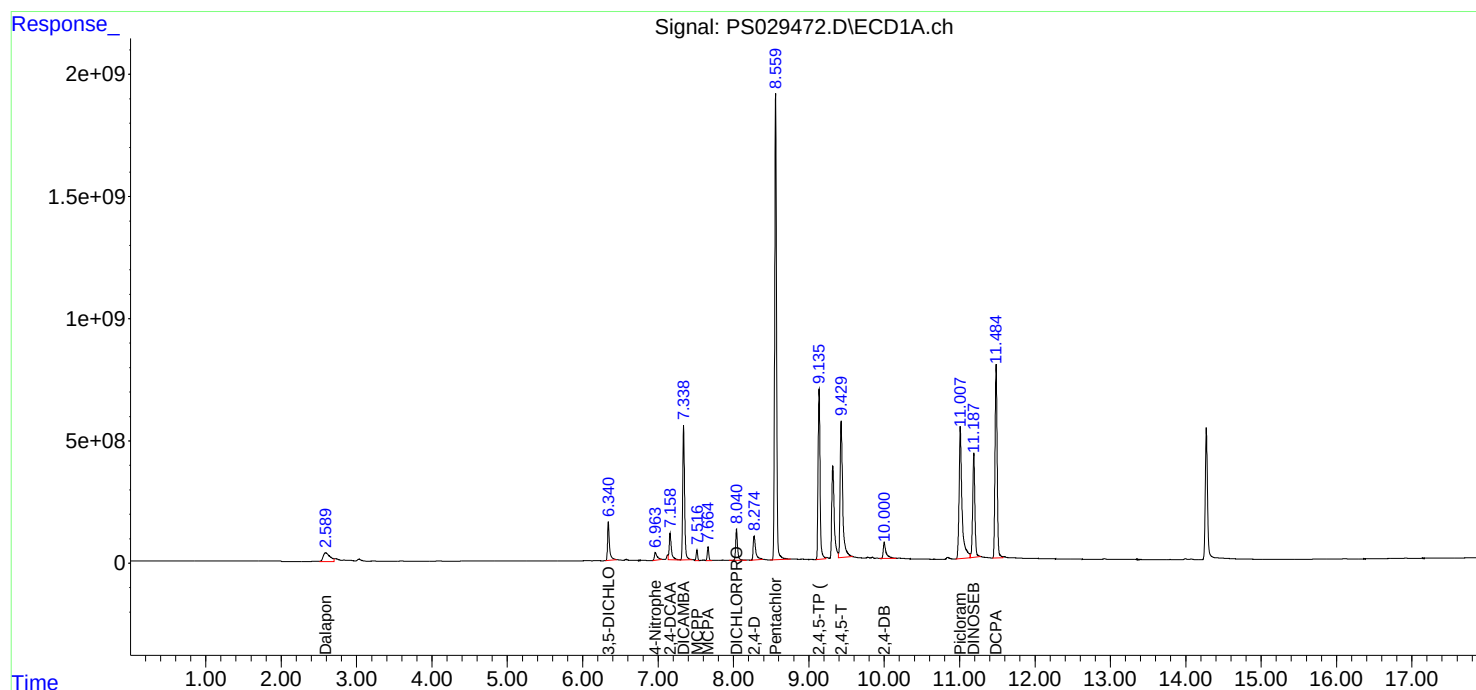
Instrument :
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ClientSampleId :
HSTDICC500

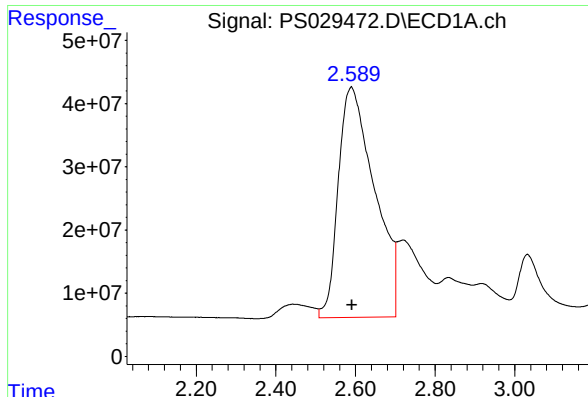
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Integration File signal 2: autoint2.e
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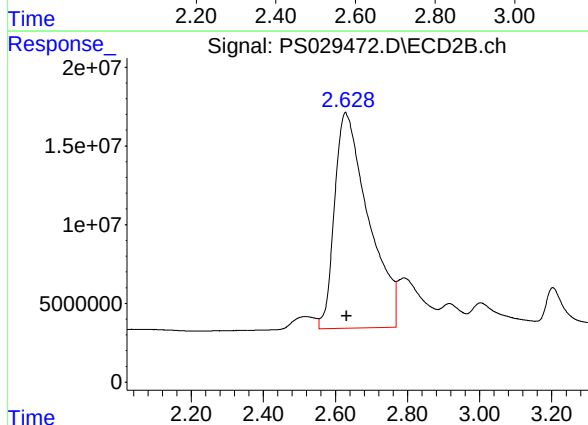
#1 Dalapon

R.T.: 2.589 min
Delta R.T.: -0.002 min
Response: 2312391983
Conc: 389.10 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC500

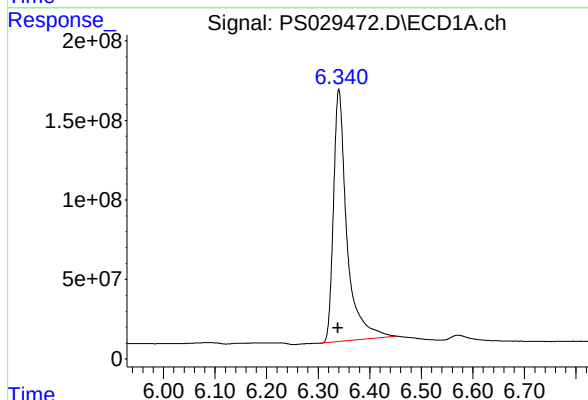
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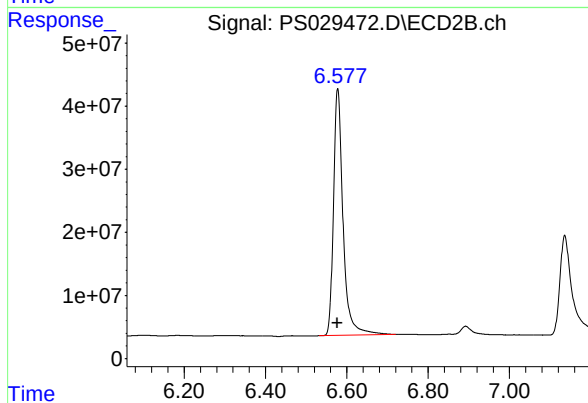
#1 Dalapon

R.T.: 2.628 min
Delta R.T.: -0.003 min
Response: 891453157
Conc: 469.44 ng/ml



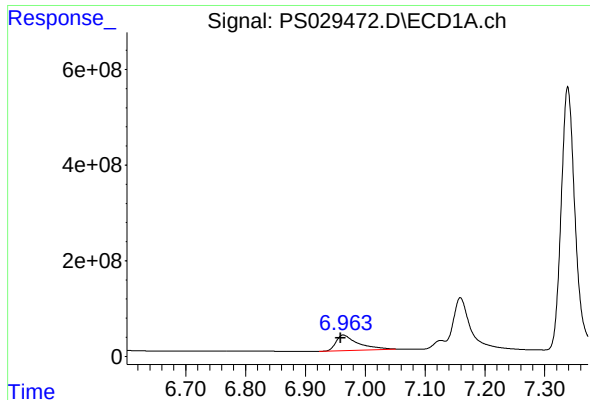
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.340 min
Delta R.T.: 0.002 min
Response: 2864994266
Conc: 488.18 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.578 min
Delta R.T.: 0.000 min
Response: 639810806
Conc: 478.59 ng/ml



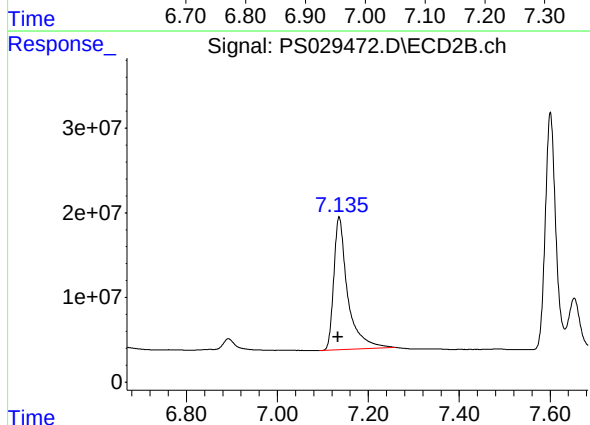
#3 4-Nitrophenol

R.T.: 6.963 min
Delta R.T.: 0.004 min
Response: 817058955
Conc: 436.04 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC500

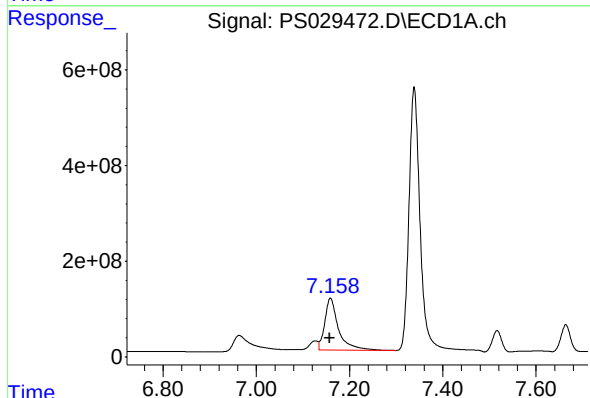
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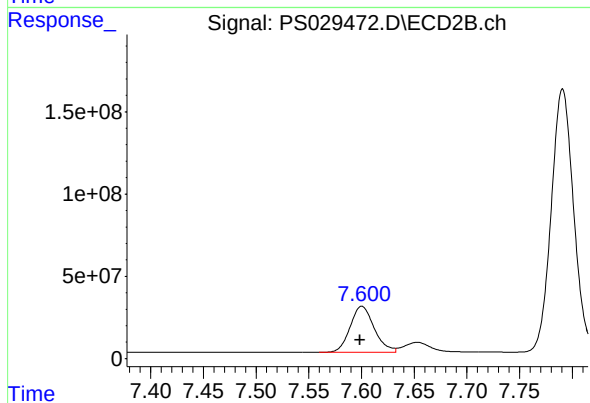
#3 4-Nitrophenol

R.T.: 7.136 min
Delta R.T.: 0.002 min
Response: 334530234
Conc: 462.75 ng/ml



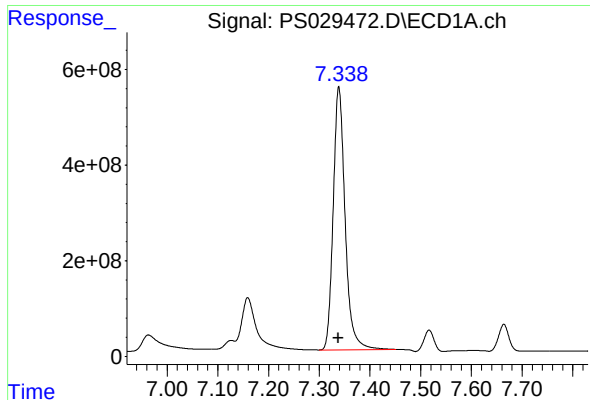
#4 2,4-DCAA

R.T.: 7.159 min
Delta R.T.: 0.002 min
Response: 2197236576
Conc: 525.30 ng/ml



#4 2,4-DCAA

R.T.: 7.600 min
Delta R.T.: 0.002 min
Response: 444383240
Conc: 510.68 ng/ml



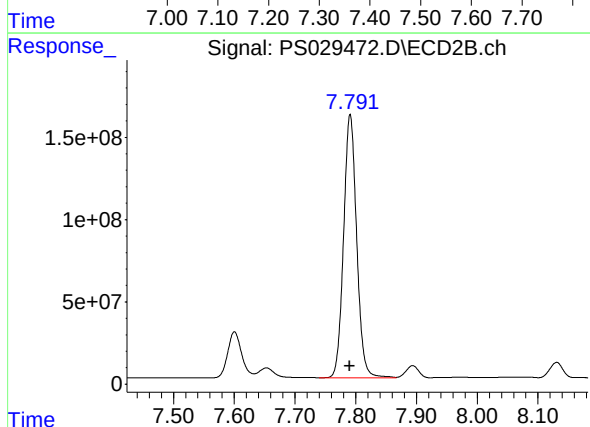
#5 DICAMBA

R.T.: 7.339 min
Delta R.T.: 0.000 min
Response: 8968275761
Conc: 493.22 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC500

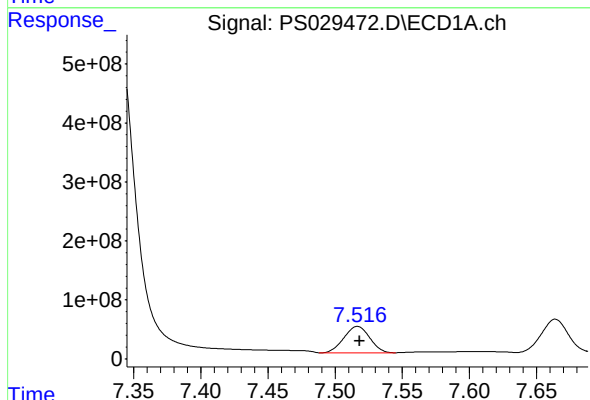
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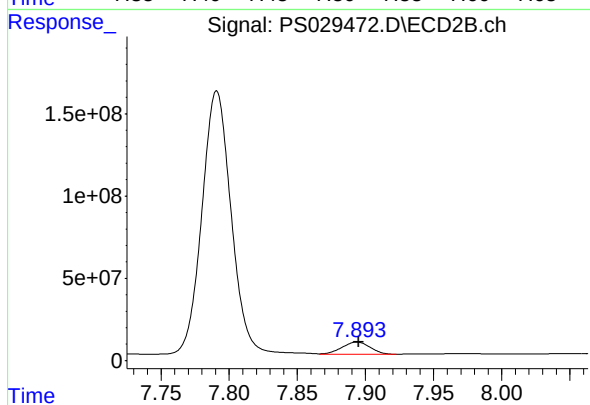
#5 DICAMBA

R.T.: 7.791 min
Delta R.T.: 0.000 min
Response: 2392153597
Conc: 468.70 ng/ml



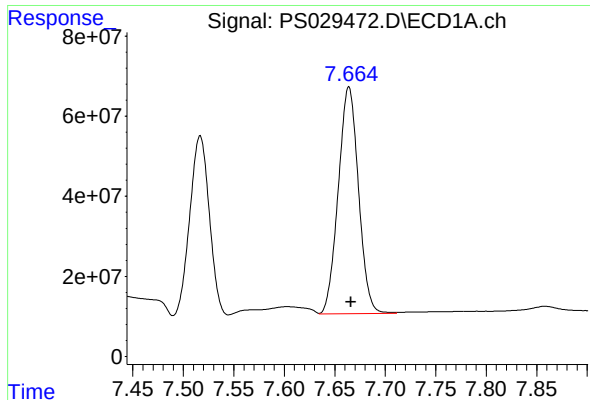
#6 MCPP

R.T.: 7.517 min
Delta R.T.: -0.002 min
Response: 596761236
Conc: 45.68 ug/ml



#6 MCPP

R.T.: 7.894 min
Delta R.T.: -0.001 min
Response: 105940510
Conc: 46.07 ug/ml



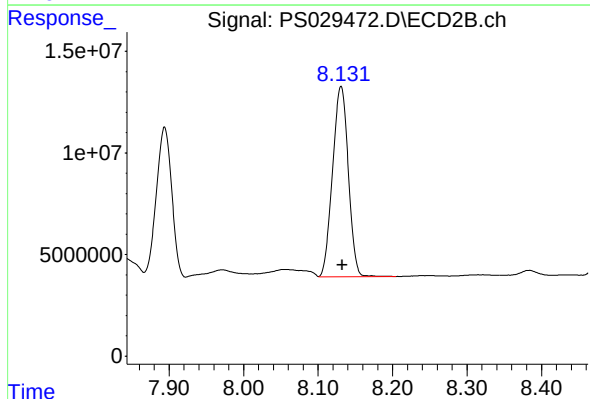
#7 MCPA

R.T.: 7.664 min
Delta R.T.: -0.002 min
Response: 790033221
Conc: 46.21 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC500

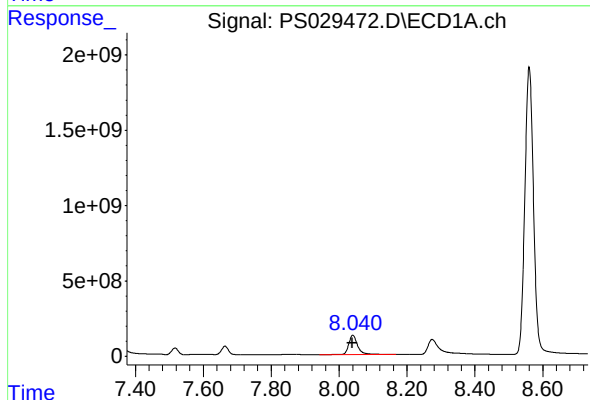
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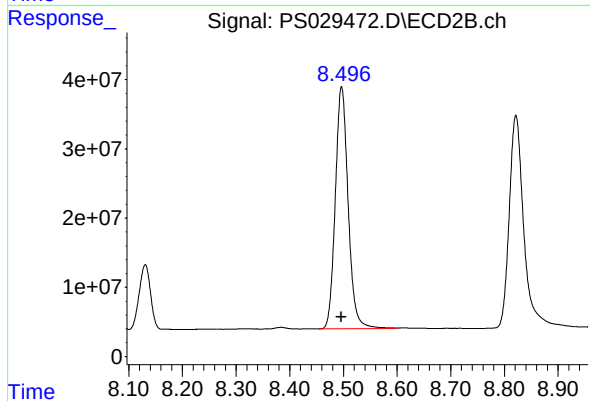
#7 MCPA

R.T.: 8.131 min
Delta R.T.: -0.002 min
Response: 137188978
Conc: 45.82 ug/ml



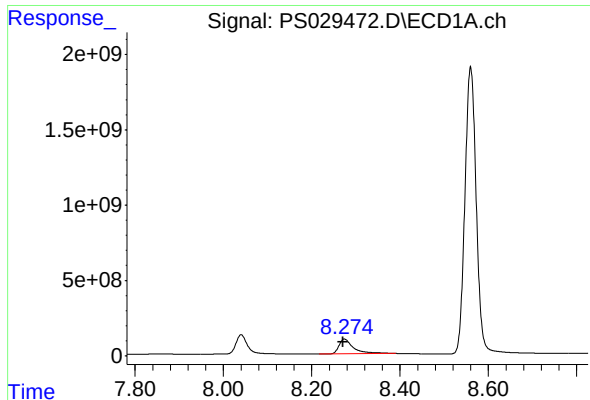
#8 DICHLORPROP

R.T.: 8.040 min
Delta R.T.: 0.002 min
Response: 2333656222
Conc: 499.30 ng/ml



#8 DICHLORPROP

R.T.: 8.497 min
Delta R.T.: 0.000 min
Response: 583898023
Conc: 481.99 ng/ml



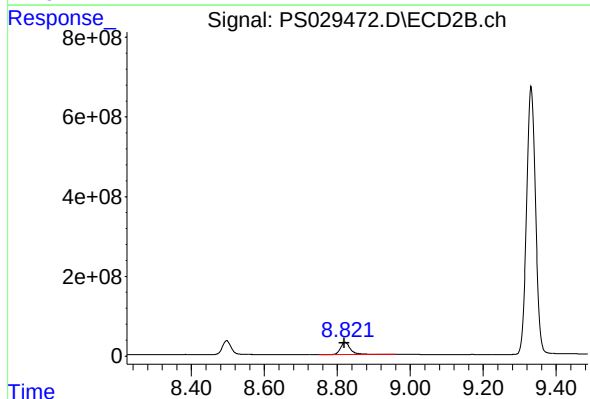
#9 2,4-D

R.T.: 8.274 min
Delta R.T.: 0.003 min
Response: 2231628452
Conc: 485.25 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC500

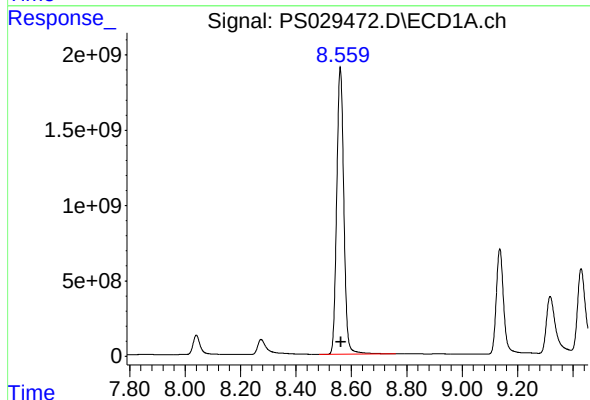
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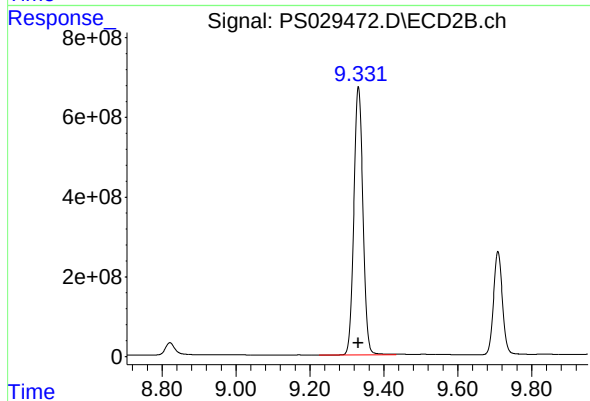
#9 2,4-D

R.T.: 8.821 min
Delta R.T.: 0.002 min
Response: 579559666
Conc: 482.84 ng/ml



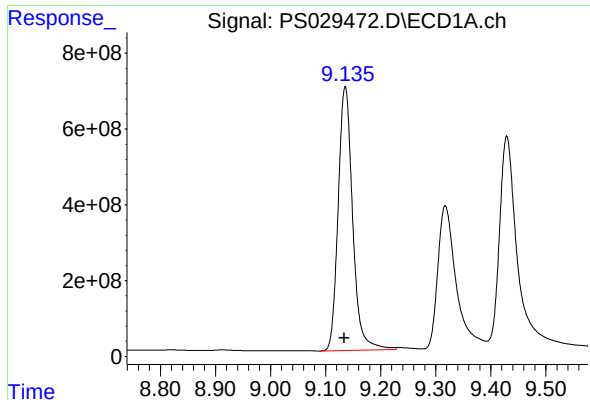
#10 Pentachlorophenol

R.T.: 8.560 min
Delta R.T.: -0.002 min
Response: 33885153499
Conc: 548.34 ng/ml



#10 Pentachlorophenol

R.T.: 9.331 min
Delta R.T.: 0.000 min
Response: 11513699790
Conc: 489.69 ng/ml



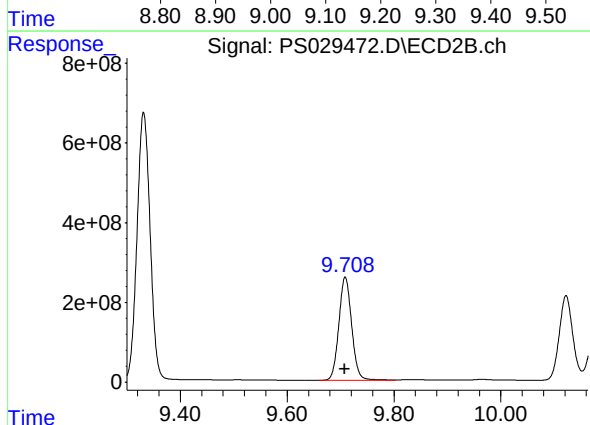
#11 2,4,5-TP (SILVEX)

R.T.: 9.136 min
Delta R.T.: 0.001 min
Response: 12731498767
Conc: 505.57 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC500

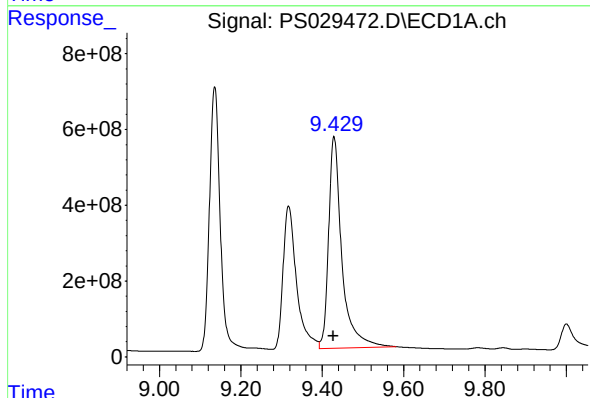
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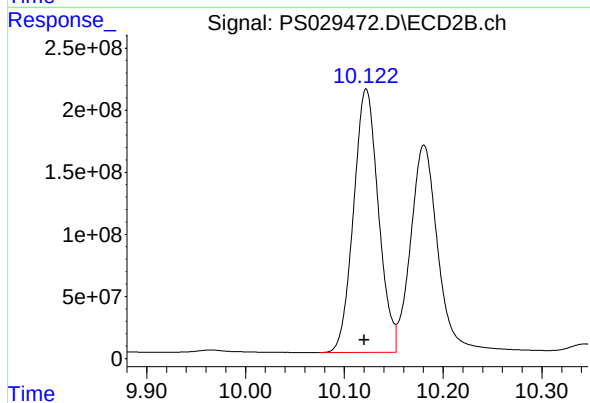
#11 2,4,5-TP (SILVEX)

R.T.: 9.709 min
Delta R.T.: 0.001 min
Response: 4344428975
Conc: 481.00 ng/ml



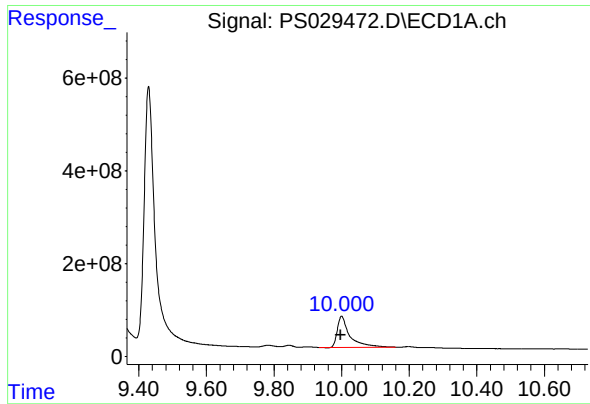
#12 2,4,5-T

R.T.: 9.429 min
Delta R.T.: 0.002 min
Response: 12682166583
Conc: 500.03 ng/ml



#12 2,4,5-T

R.T.: 10.122 min
Delta R.T.: 0.002 min
Response: 3707711427
Conc: 474.40 ng/ml



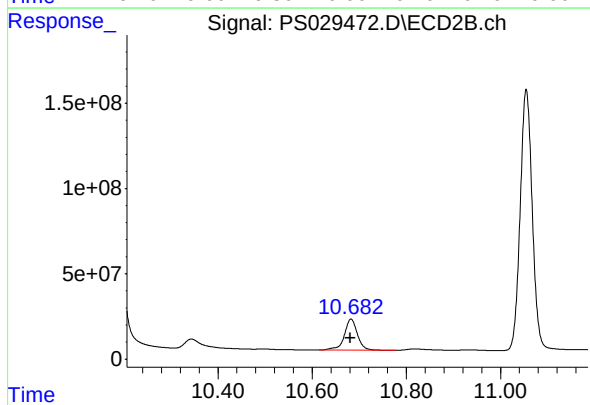
#13 2,4-DB

R.T.: 10.000 min
Delta R.T.: 0.003 min
Response: 1716010385
Conc: 463.68 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC500

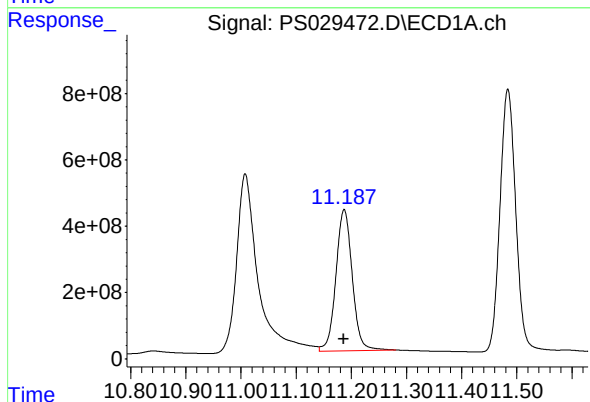
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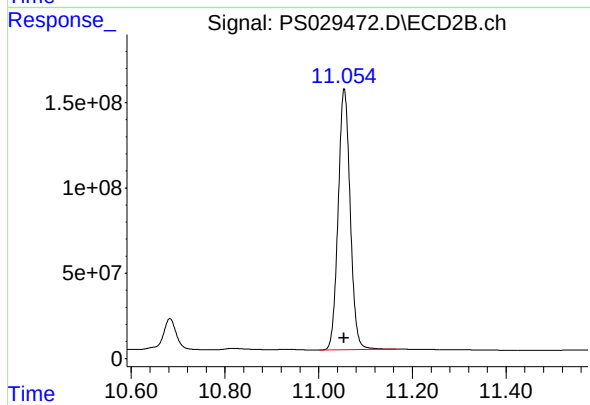
#13 2,4-DB

R.T.: 10.683 min
Delta R.T.: 0.001 min
Response: 354000343
Conc: 473.00 ng/ml



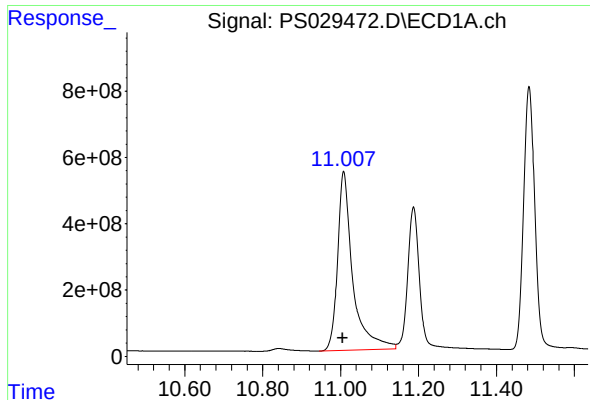
#14 DINOSEB

R.T.: 11.187 min
Delta R.T.: 0.000 min
Response: 8787042022
Conc: 500.35 ng/ml



#14 DINOSEB

R.T.: 11.055 min
Delta R.T.: 0.000 min
Response: 2723880804
Conc: 475.72 ng/ml



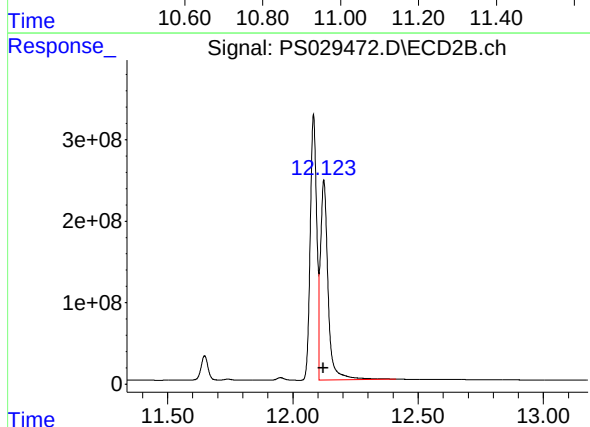
#15 Picloram

R.T.: 11.008 min
Delta R.T.: 0.002 min
Response: 14647882248
Conc: 482.48 ng/ml

Instrument :
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ClientSampleId :
HSTDICC500

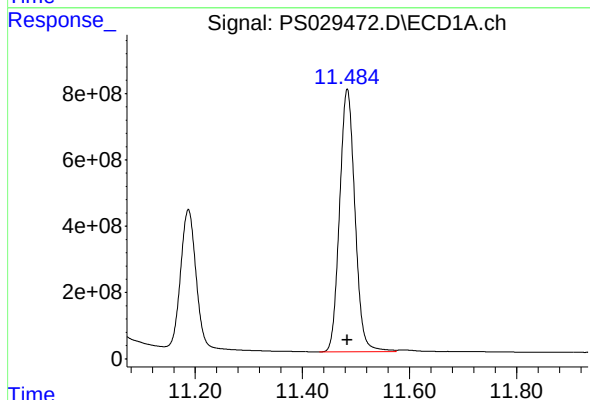
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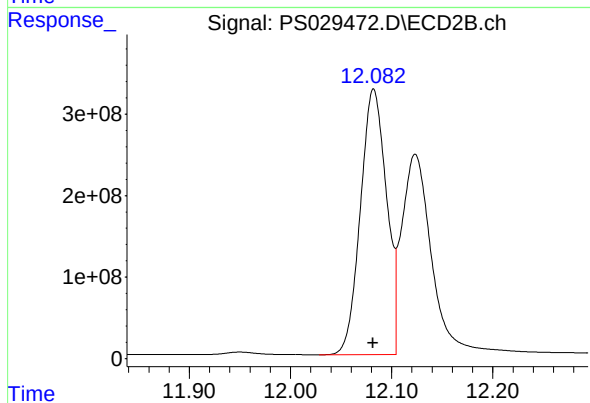
#15 Picloram

R.T.: 12.123 min
Delta R.T.: 0.002 min
Response: 5207219332
Conc: 460.57 ng/ml



#16 DCPA

R.T.: 11.484 min
Delta R.T.: 0.000 min
Response: 15775744924
Conc: 514.21 ng/ml



#16 DCPA

R.T.: 12.082 min
Delta R.T.: 0.000 min
Response: 5844028856
Conc: 484.36 ng/ml