

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS120325\
 Data File : PS032576.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Dec 2025 10:34
 Operator : AR\AJ
 Sample : HSTDICC200
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDICC200

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 11:55:30 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS120325.M
 Quant Title : 8080.M
 QLast Update : Wed Dec 03 11:55:19 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	7.036	7.391	1314.1E6	1207.7E6	223.386	218.365
Target Compounds							
1) T	Dalapon	2.481	2.460	1795.8E6	1431.2E6	203.208	193.058
2) T	3,5-DICHL...	6.234	6.383	1538.2E6	1226.2E6	198.897	196.149
3) T	4-Nitroph...	6.872	6.974	660882	396.8E6	<MDL m	171.904 #
5) T	DICAMBA	7.196	7.580	4912.1E6	4282.8E6	209.230	205.672
6) T	MCPD	7.362	7.675	182.7E6	220.3E6	15.621	17.082m
7) T	MCPA	7.510	7.921	246.6E6	266.4E6	16.210	16.788
8) T	DICHLORPROP	7.899	8.288	1179.4E6	1046.3E6	207.910	203.980
9) T	2,4-D	8.171	8.630	1229.7E6	1173.5E6	194.655m	202.355
10) T	Pentachlo...	8.392	9.088	19629.7E6	15830.5E6	223.294	221.251
11) T	2,4,5-TP ...	8.976	9.492	7642.6E6	6509.8E6	213.006	212.583
12) T	2,4,5-T	9.287	9.922	10235.2E6	6240.3E6	221.850	210.277
13) T	2,4-DB	9.857	10.481	475.8E6	805.7E6	159.933	195.519
14) T	DINOSEB	11.004	10.865	6892.8E6	3926.5E6	230.403	206.766
15) T	Picloram	10.887	11.991	6928.2E6	7640.6E6	177.621	202.994
16) T	DCPA	11.294	11.868	9586.2E6	7904.6E6	219.455	216.293

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

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Acq On : 03 Dec 2025 10:34
Operator : AR\AJ
Sample : HSTDICC200
Misc :
ALS Vial : 3 Sample Multiplier: 1

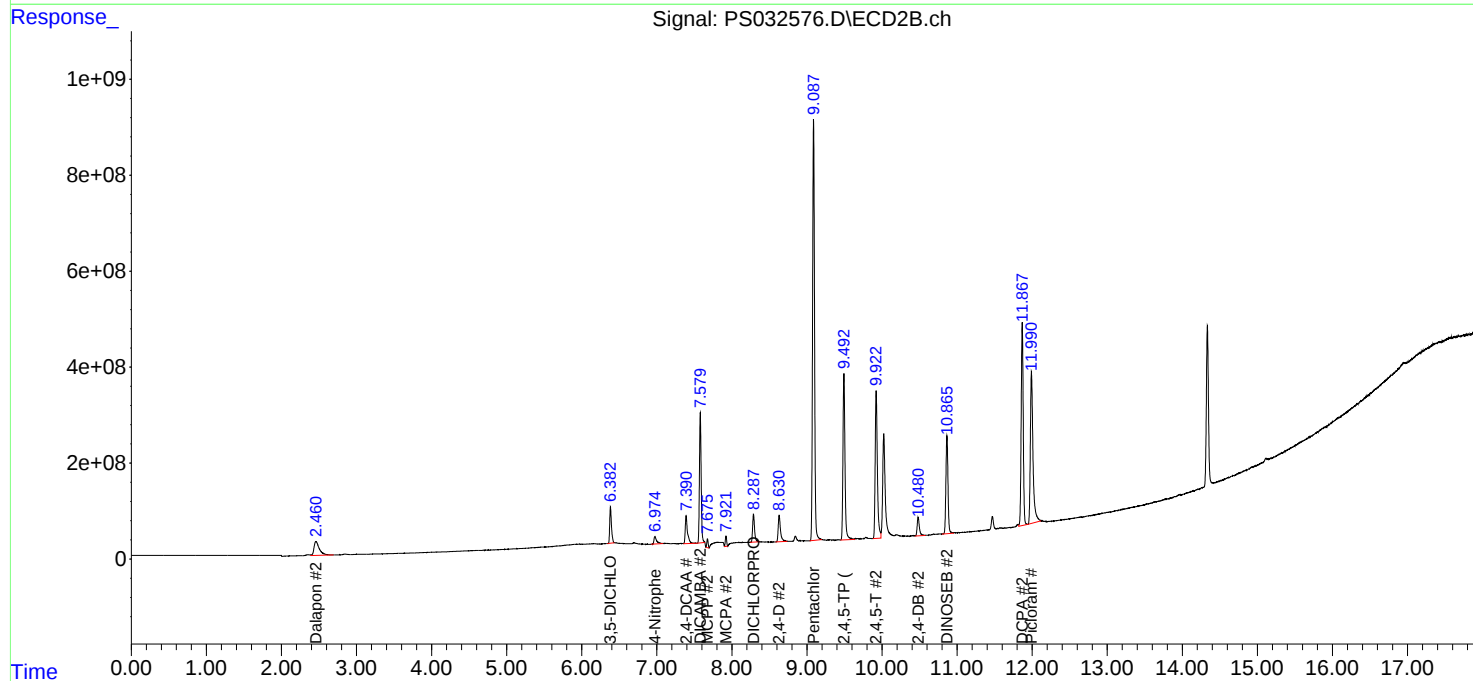
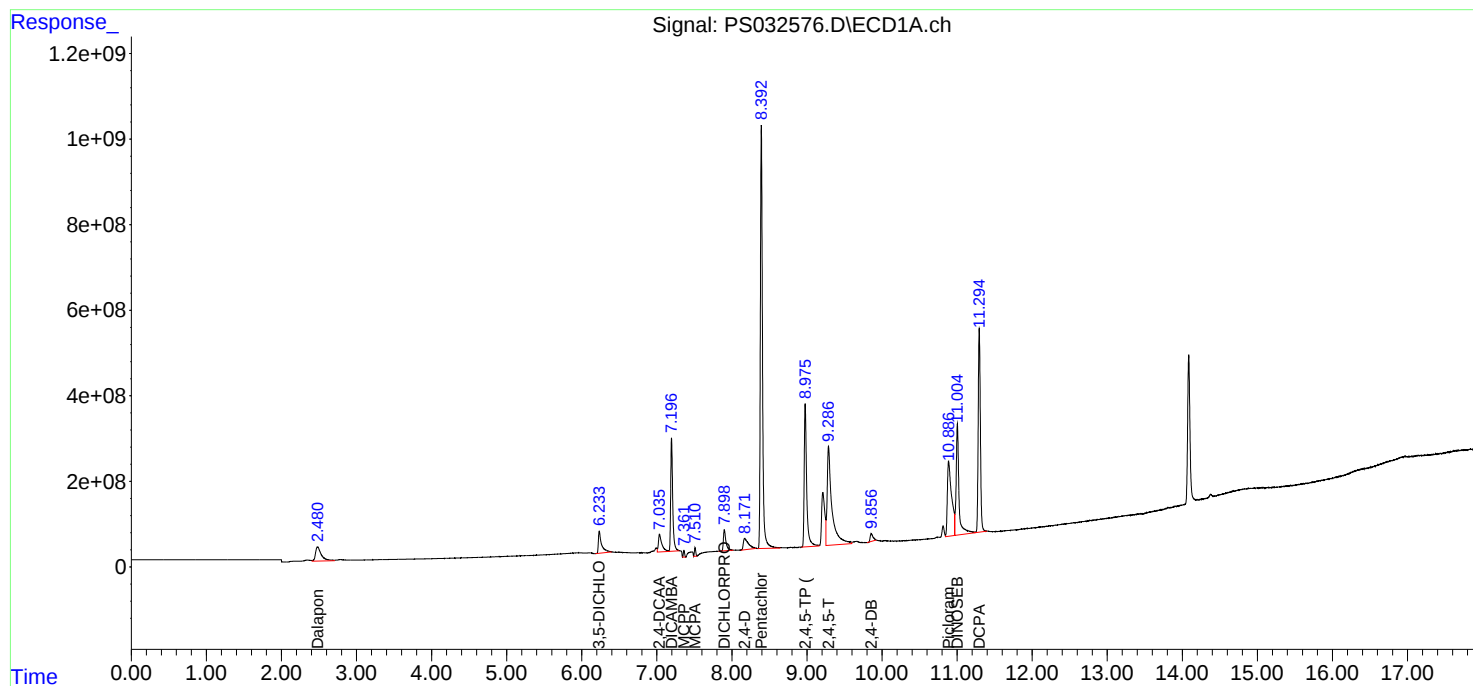
Instrument :
ECD_S
ClientSampleId :
HSTDICC200

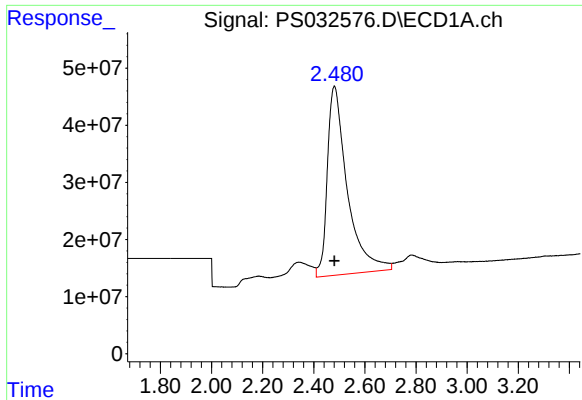
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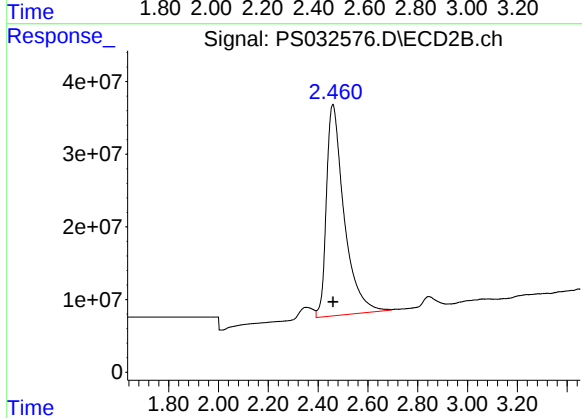
#1 Dalapon

R.T.: 2.481 min
Delta R.T.: 0.000 min
Response: 1795762832
Conc: 203.21 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC200

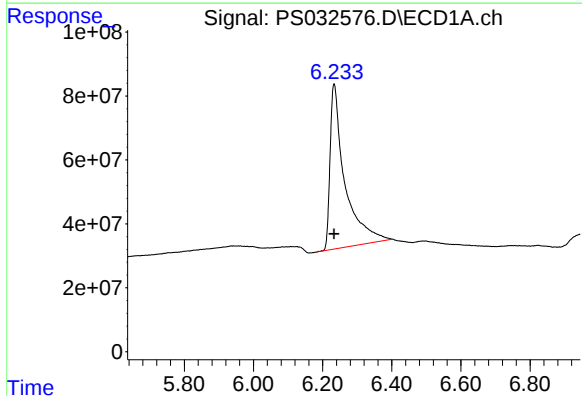
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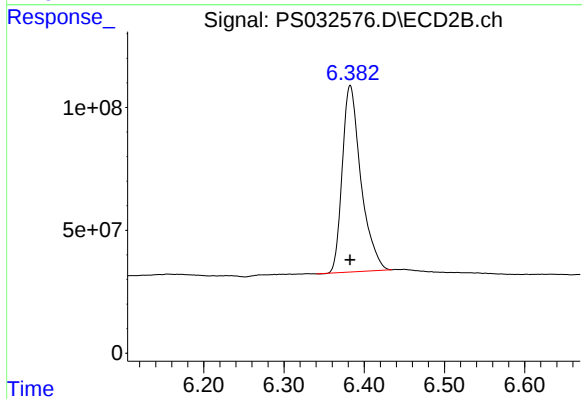
#1 Dalapon

R.T.: 2.460 min
Delta R.T.: 0.000 min
Response: 1431192694
Conc: 193.06 ng/ml



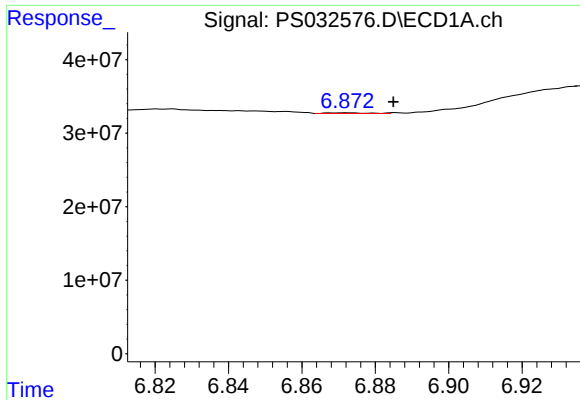
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.234 min
Delta R.T.: 0.000 min
Response: 1538230497
Conc: 198.90 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.383 min
Delta R.T.: 0.000 min
Response: 1226184560
Conc: 196.15 ng/ml



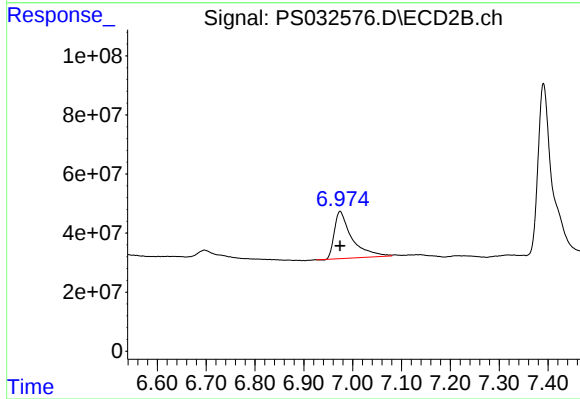
#3 4-Nitrophenol

R.T.: 6.872 min
Delta R.T.: -0.013 min
Response: 660882
Conc: N.D.

Instrument :
ECD_S
ClientSampleId :
HSTDICC200

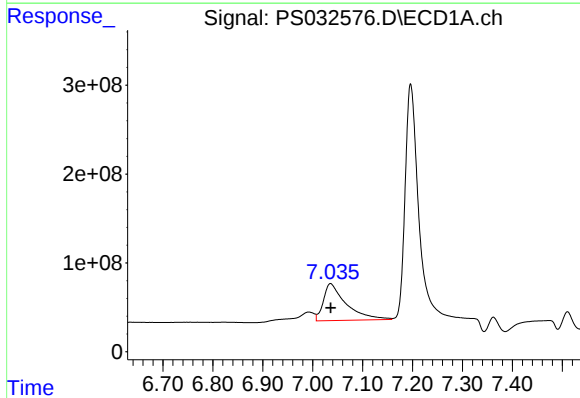
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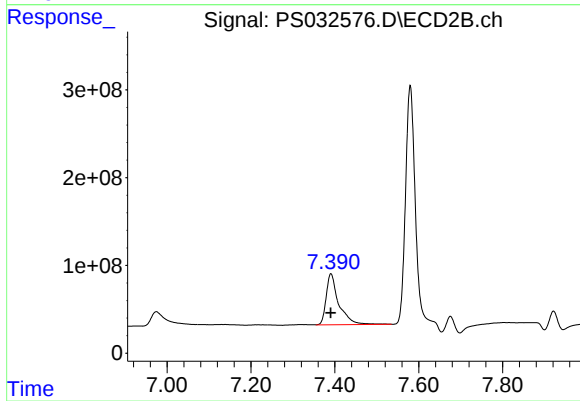
#3 4-Nitrophenol

R.T.: 6.974 min
Delta R.T.: 0.000 min
Response: 396846841
Conc: 171.90 ng/ml



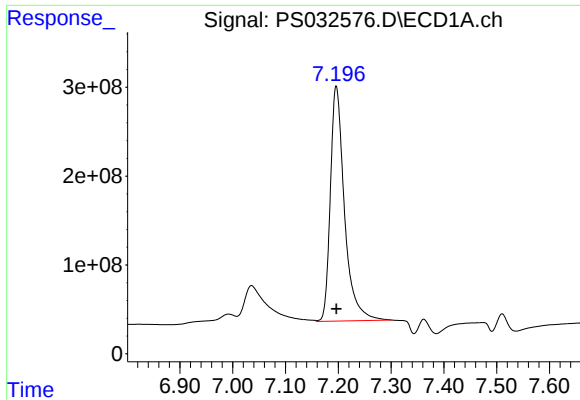
#4 2,4-DCAA

R.T.: 7.036 min
Delta R.T.: 0.000 min
Response: 1314070211
Conc: 223.39 ng/ml



#4 2,4-DCAA

R.T.: 7.391 min
Delta R.T.: 0.000 min
Response: 1207679082
Conc: 218.37 ng/ml



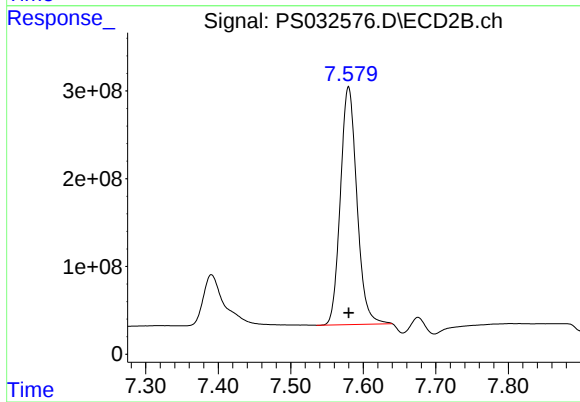
#5 DICAMBA

R.T.: 7.196 min
Delta R.T.: 0.000 min
Response: 4912144663
Conc: 209.23 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC200

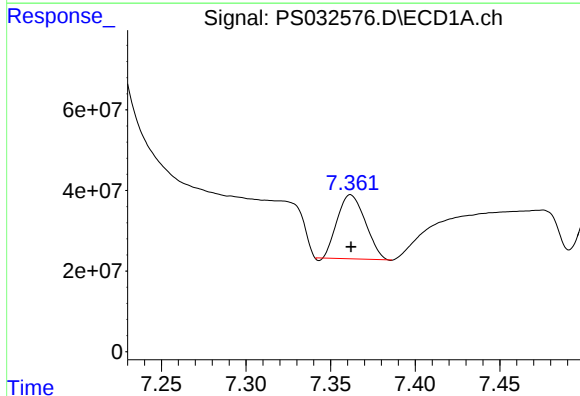
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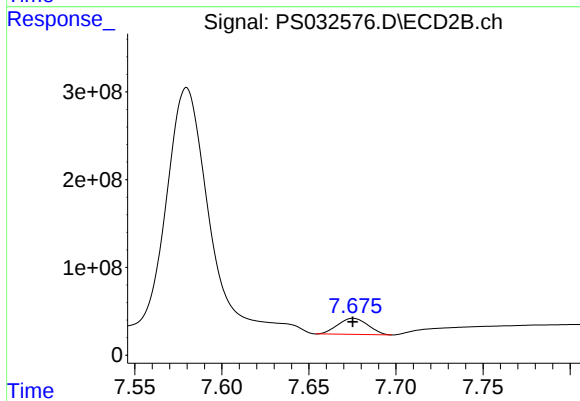
#5 DICAMBA

R.T.: 7.580 min
Delta R.T.: 0.000 min
Response: 4282806450
Conc: 205.67 ng/ml



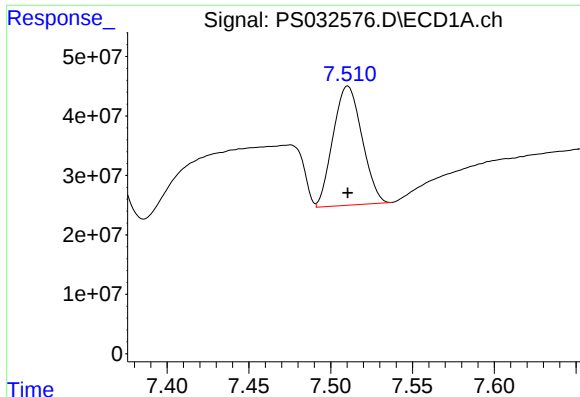
#6 MCPP

R.T.: 7.362 min
Delta R.T.: 0.000 min
Response: 182657693
Conc: 15.62 ug/ml



#6 MCPP

R.T.: 7.675 min
Delta R.T.: 0.000 min
Response: 220257626
Conc: 17.08 ug/ml m



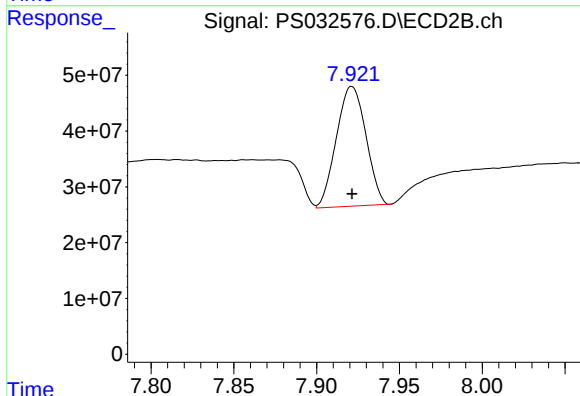
#7 MCPA

R.T.: 7.510 min
Delta R.T.: 0.000 min
Response: 246572136
Conc: 16.21 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC200

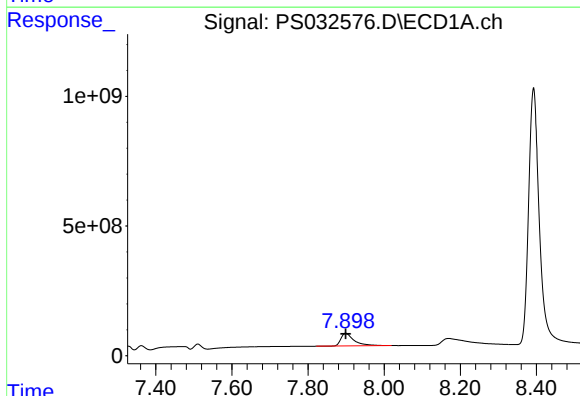
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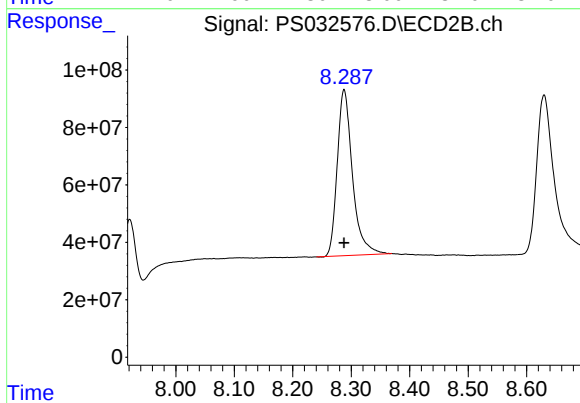
#7 MCPA

R.T.: 7.921 min
Delta R.T.: 0.000 min
Response: 266383682
Conc: 16.79 ug/ml



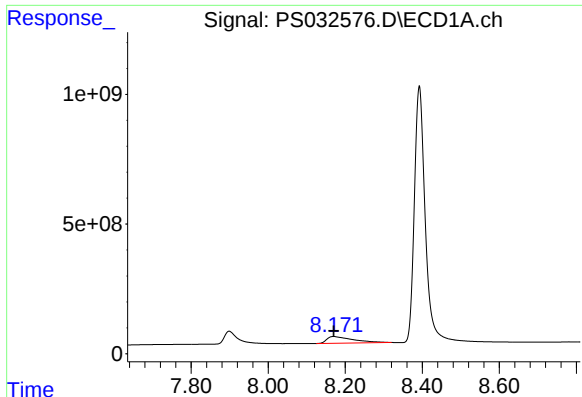
#8 DICHLORPROP

R.T.: 7.899 min
Delta R.T.: 0.000 min
Response: 1179378226
Conc: 207.91 ng/ml



#8 DICHLORPROP

R.T.: 8.288 min
Delta R.T.: 0.000 min
Response: 1046285049
Conc: 203.98 ng/ml



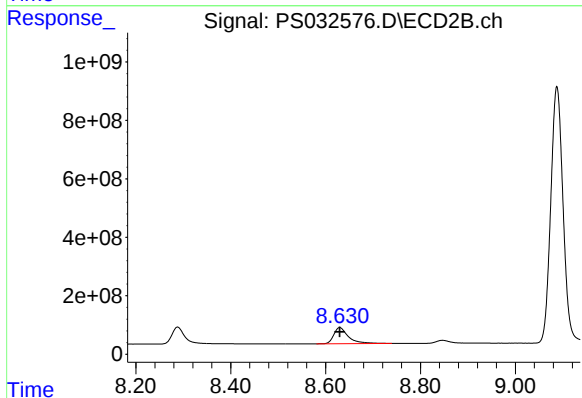
#9 2,4-D

R.T.: 8.171 min
Delta R.T.: 0.000 min
Response: 1229664804
Conc: 194.66 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC200

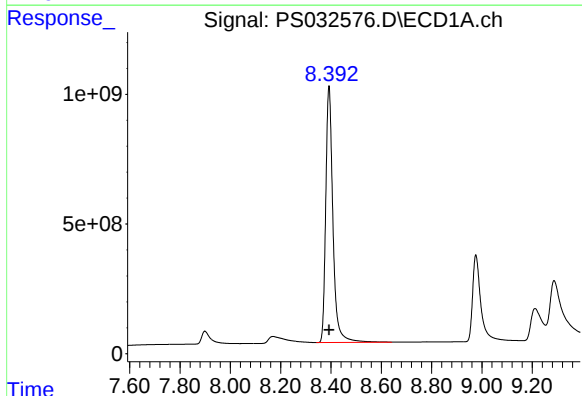
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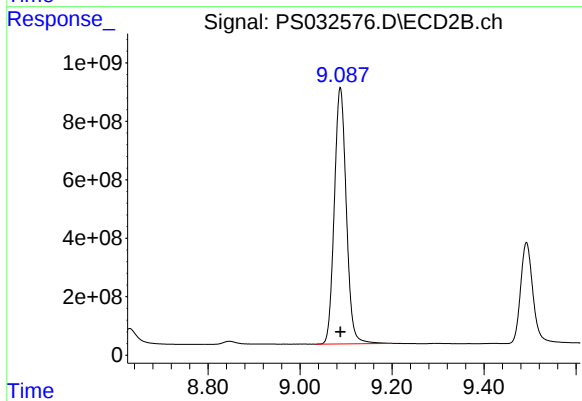
#9 2,4-D

R.T.: 8.630 min
Delta R.T.: 0.000 min
Response: 1173469739
Conc: 202.36 ng/ml



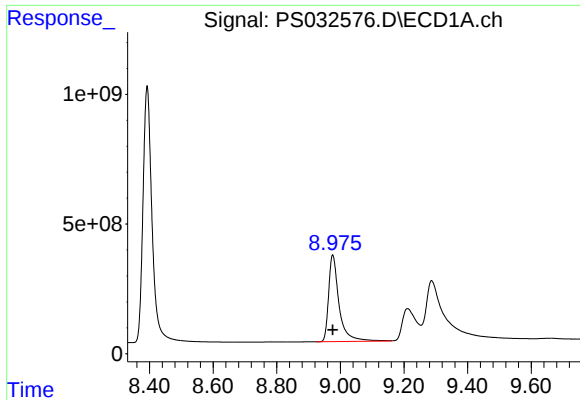
#10 Pentachlorophenol

R.T.: 8.392 min
Delta R.T.: 0.000 min
Response: 19629712888
Conc: 223.29 ng/ml



#10 Pentachlorophenol

R.T.: 9.088 min
Delta R.T.: 0.000 min
Response: 15830509992
Conc: 221.25 ng/ml



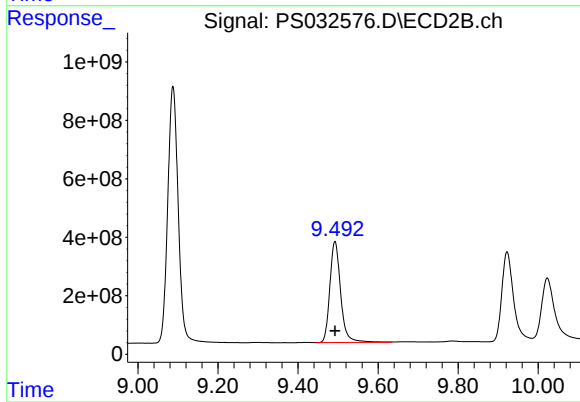
#11 2,4,5-TP (SILVEX)

R.T.: 8.976 min
Delta R.T.: 0.000 min
Response: 7642620643
Conc: 213.01 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC200

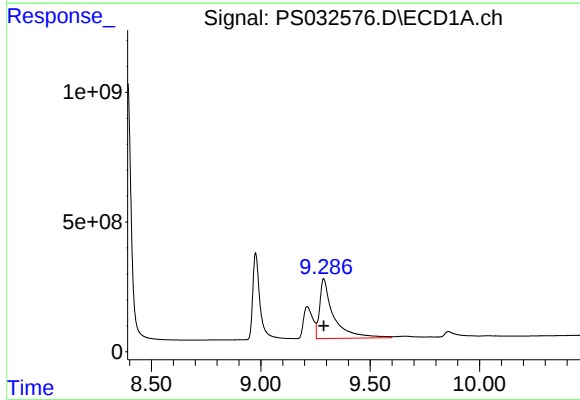
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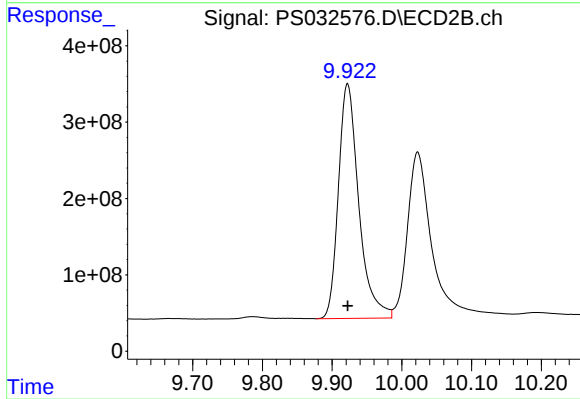
#11 2,4,5-TP (SILVEX)

R.T.: 9.492 min
Delta R.T.: 0.000 min
Response: 6509822308
Conc: 212.58 ng/ml



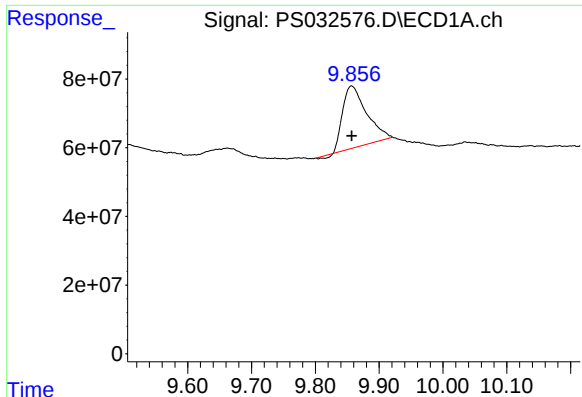
#12 2,4,5-T

R.T.: 9.287 min
Delta R.T.: 0.000 min
Response: 10235184249
Conc: 221.85 ng/ml



#12 2,4,5-T

R.T.: 9.922 min
Delta R.T.: 0.000 min
Response: 6240285792
Conc: 210.28 ng/ml



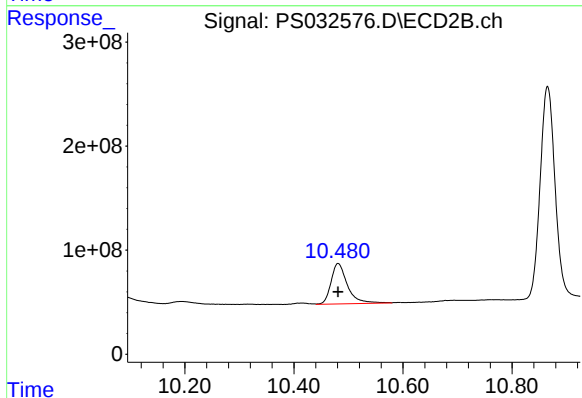
#13 2,4-DB

R.T.: 9.857 min
Delta R.T.: 0.000 min
Response: 475840765
Conc: 159.93 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC200

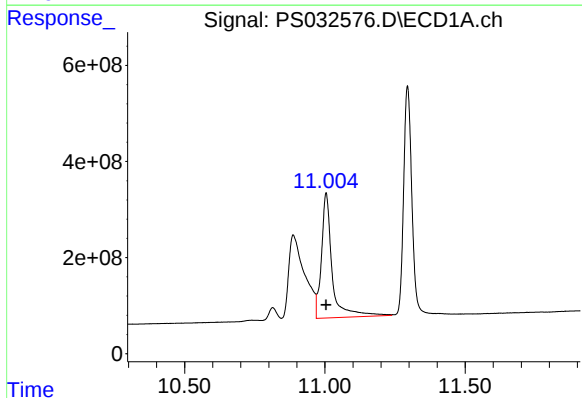
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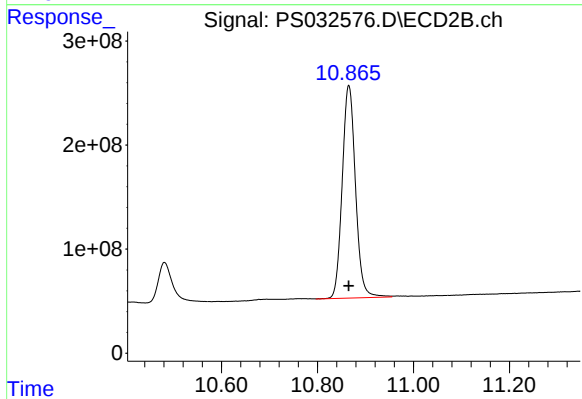
#13 2,4-DB

R.T.: 10.481 min
Delta R.T.: 0.000 min
Response: 805720328
Conc: 195.52 ng/ml



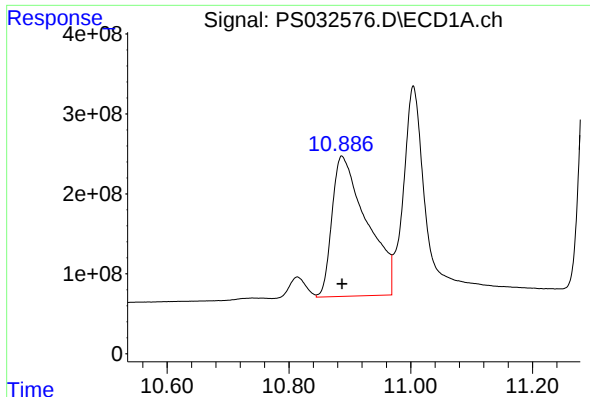
#14 DINOSEB

R.T.: 11.004 min
Delta R.T.: 0.000 min
Response: 6892778922
Conc: 230.40 ng/ml



#14 DINOSEB

R.T.: 10.865 min
Delta R.T.: 0.000 min
Response: 3926540127
Conc: 206.77 ng/ml



#15 Picloram

R.T.: 10.887 min
Delta R.T.: 0.000 min
Response: 6928181367
Conc: 177.62 ng/ml

Instrument :

ECD_S

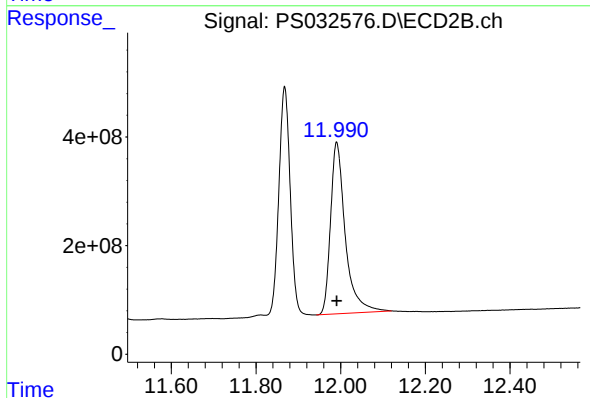
ClientSampleId :

HSTDICC200

Manual Integrations

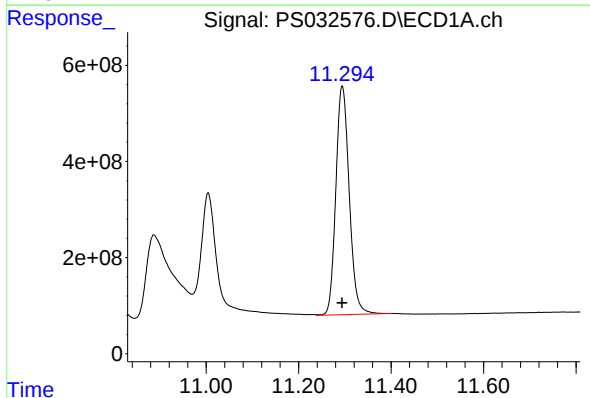
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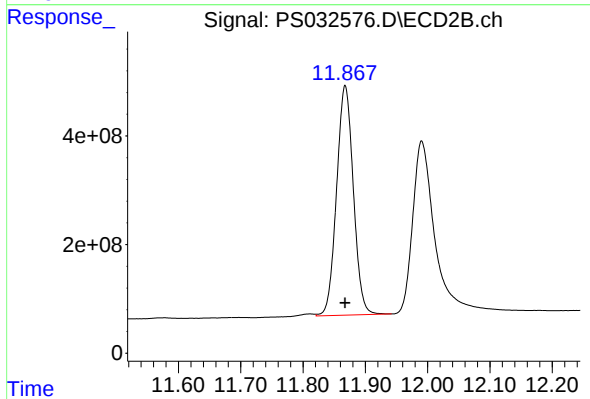
#15 Picloram

R.T.: 11.991 min
Delta R.T.: 0.000 min
Response: 7640587407
Conc: 202.99 ng/ml



#16 DCPA

R.T.: 11.294 min
Delta R.T.: 0.000 min
Response: 9586213028
Conc: 219.46 ng/ml



#16 DCPA

R.T.: 11.868 min
Delta R.T.: 0.000 min
Response: 7904557831
Conc: 216.29 ng/ml