

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS010225\
 Data File : PS028873.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Jan 2025 17:14
 Operator : AR\AJ
 Sample : P5398-01MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 341-349MSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 01/03/2025
 Supervised By : Ankita Jodhani 01/03/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 02 21:47:33 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS122324.M
 Quant Title : 8080.M
 QLast Update : Mon Dec 23 13:44:25 2024
 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	7.206	7.689	1021.3E6	350.7E6	451.479	311.627 #
Target Compounds							
1) T	Dalapon	2.612	2.668	750.2E6	692.9E6	266.358m	351.955m#
2) T	3,5-DICHL...	6.382	6.652	989.8E6	405.6E6	300.379	244.723m
3) T	4-Nitroph...	7.005	7.218	216.3E6	117.0E6	143.980	139.824m
5) T	DICAMBA	7.391	7.886	2692.9E6	1279.2E6	273.096	233.005
6) T	MCPD	7.571	7.985	130.2E6	73027985	20.911	22.348
7) T	MCPA	7.719	8.227	181.6E6	104.7E6	20.714	22.597
8) T	DICHLORPROP	8.095	8.598	740.9E6	365.3E6	279.250m	264.800
9) T	2,4-D	8.325	8.925	999.1E6	397.8E6	350.613m	275.617m
10) T	Pentachlo...	8.623	9.449	10866.9E6	5052.1E6	278.162	231.762
11) T	2,4,5-TP ...	9.199	9.826	4346.4E6	2320.0E6	276.674	258.255
12) T	2,4,5-T	9.490	10.243	4540.1E6	2122.0E6	279.059	243.650
13) T	2,4-DB	10.062	10.808	649.6E6	225.8E6	208.091m	232.489m
14) T	DINOSEB	11.266	11.187	790.8E6	322.8E6	58.833m	52.404
15) T	Picloram	11.075	12.272	5951.6E6	2279.1E6	221.967m	177.513
16) T	DCPA	11.558	12.225	4901.6E6	2689.3E6	203.799m	250.294m

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

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ALS Vial : 8 Sample Multiplier: 1

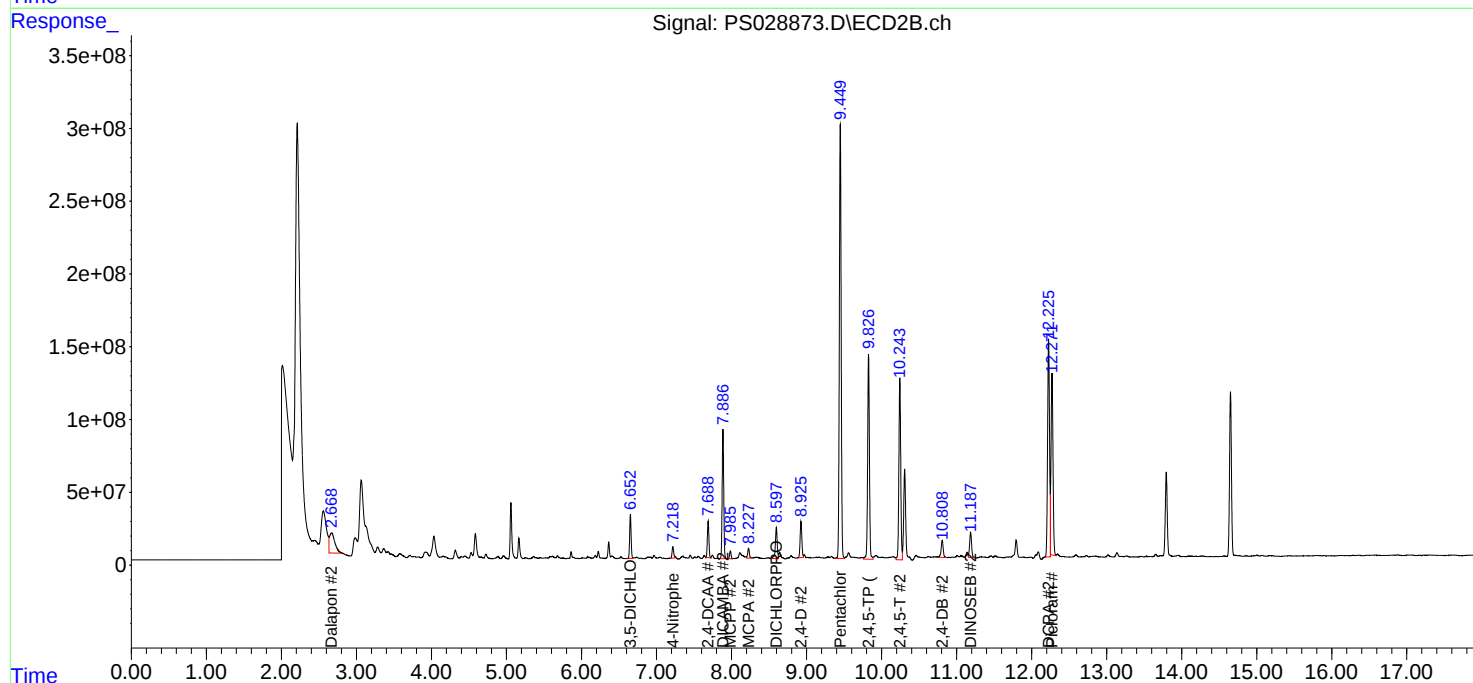
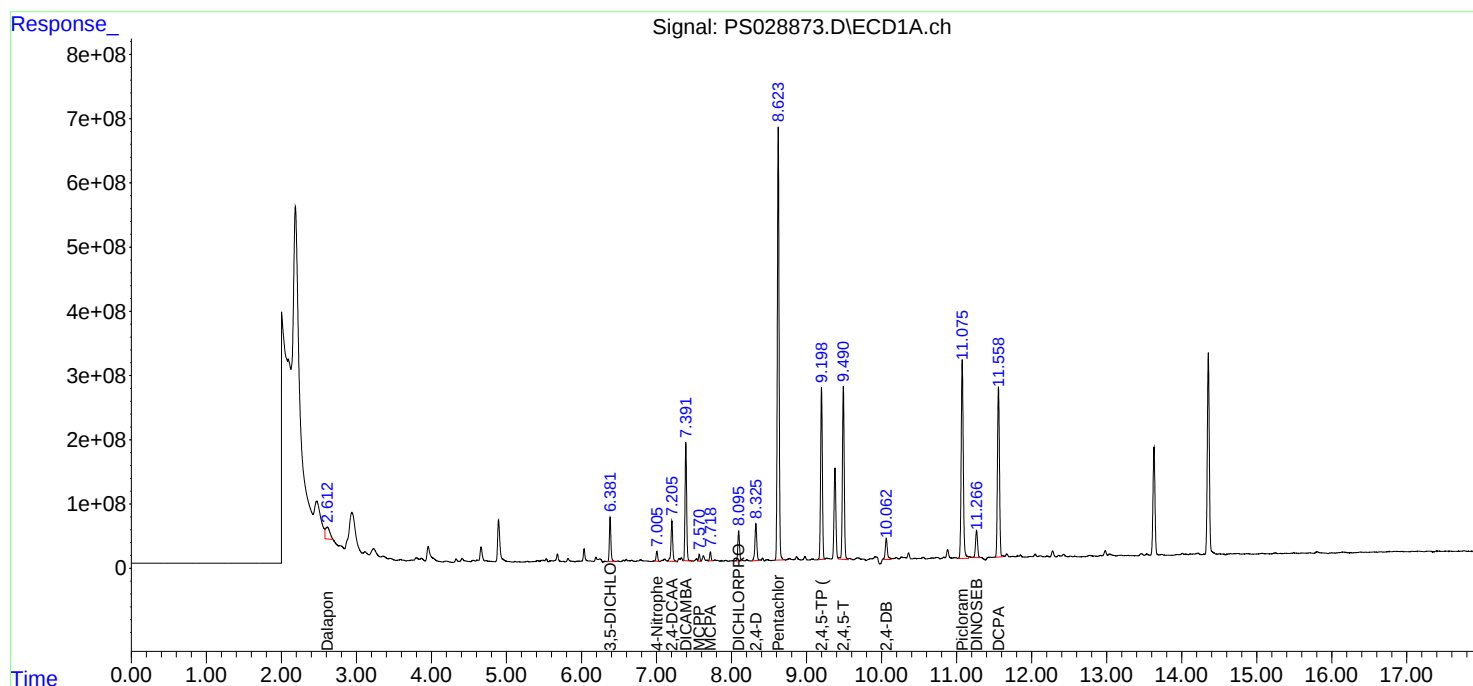
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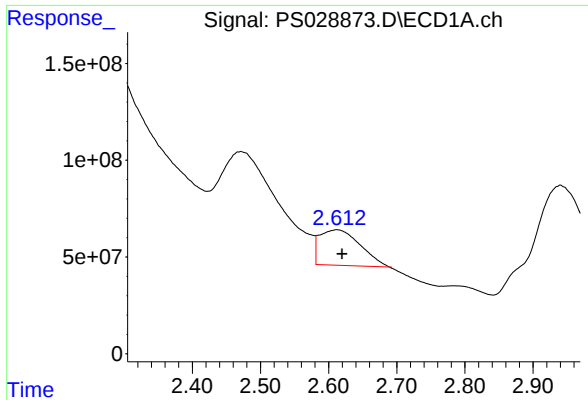
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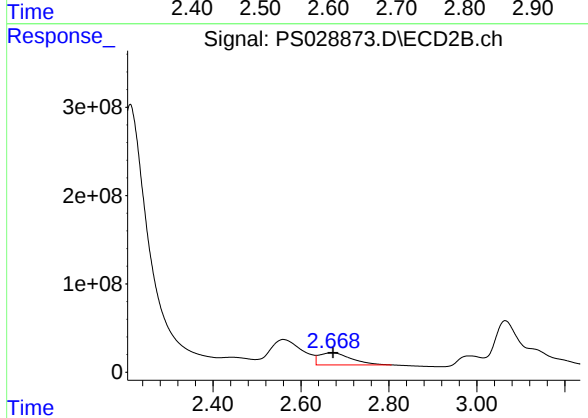
#1 Dalapon

R.T.: 2.612 min
Delta R.T.: -0.008 min
Response: 750238572
Conc: 266.36 ng/ml

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ECD_S
ClientSampleId :
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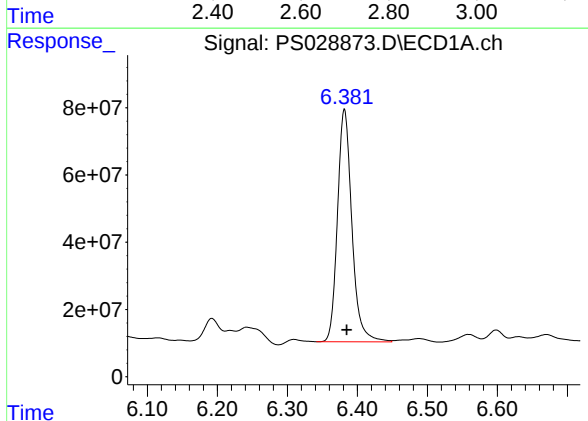
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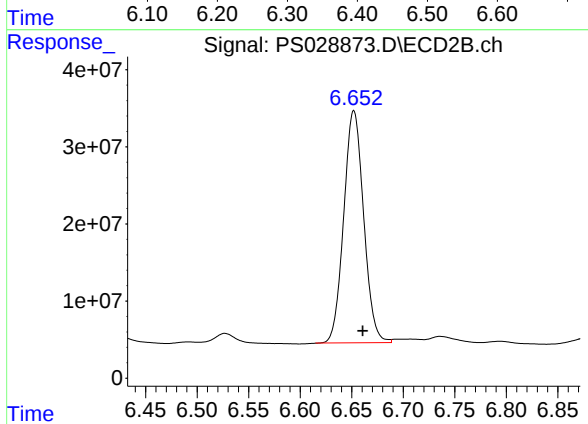
#1 Dalapon

R.T.: 2.668 min
Delta R.T.: -0.005 min
Response: 692859485
Conc: 351.96 ng/ml m



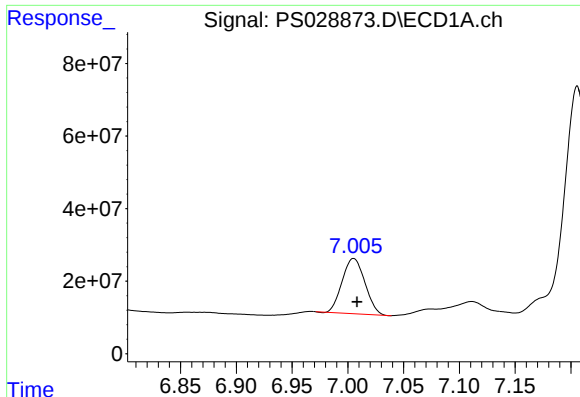
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.382 min
Delta R.T.: -0.003 min
Response: 989788366
Conc: 300.38 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.652 min
Delta R.T.: -0.009 min
Response: 405646695
Conc: 244.72 ng/ml m



#3 4-Nitrophenol

R.T.: 7.005 min
Delta R.T.: -0.003 min
Response: 216265835
Conc: 143.98 ng/ml

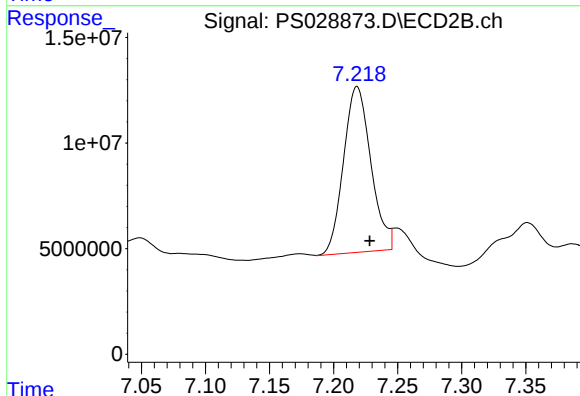
Instrument :

ECD_S

ClientSampleId :
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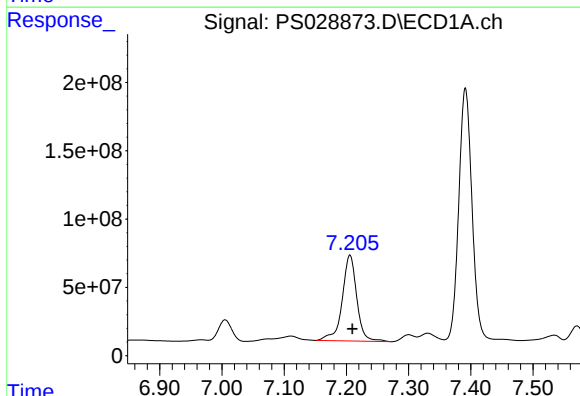
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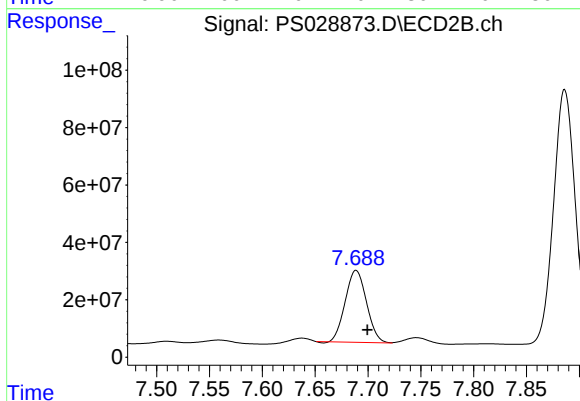
#3 4-Nitrophenol

R.T.: 7.218 min
Delta R.T.: -0.010 min
Response: 117017677
Conc: 139.82 ng/ml m



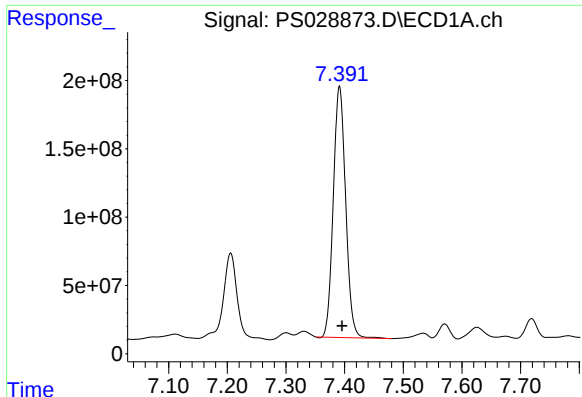
#4 2,4-DCAA

R.T.: 7.206 min
Delta R.T.: -0.004 min
Response: 1021256480
Conc: 451.48 ng/ml



#4 2,4-DCAA

R.T.: 7.689 min
Delta R.T.: -0.011 min
Response: 350747677
Conc: 311.63 ng/ml



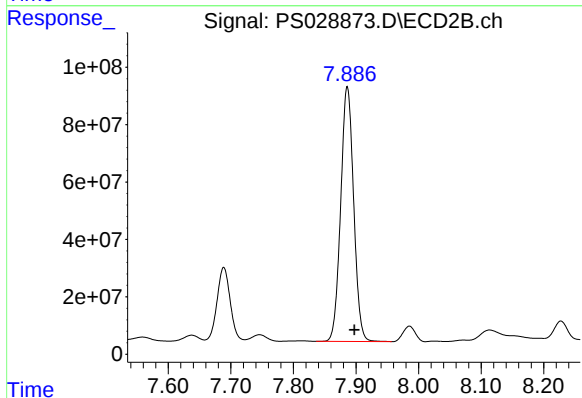
#5 DICAMBA

R.T.: 7.391 min
Delta R.T.: -0.005 min
Response: 2692900661
Conc: 273.10 ng/ml

Instrument :
ECD_S
ClientSampleId :
341-349MSD

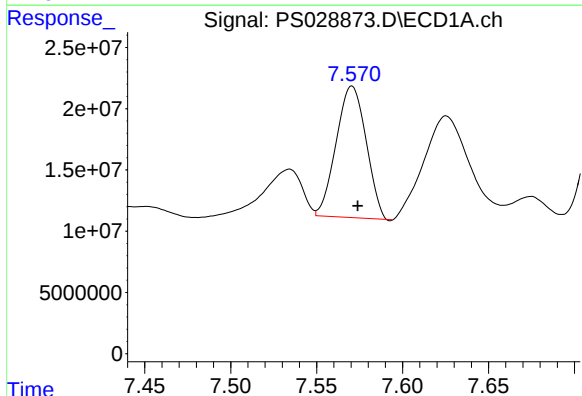
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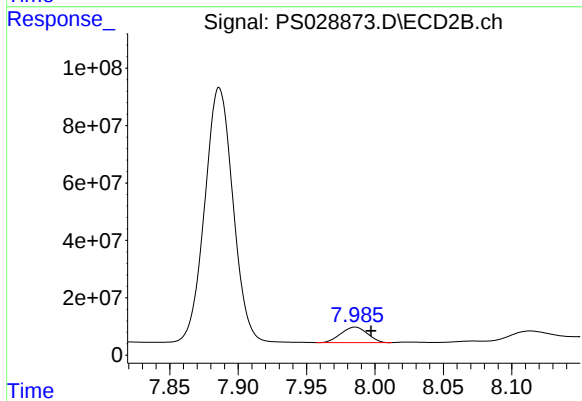
#5 DICAMBA

R.T.: 7.886 min
Delta R.T.: -0.011 min
Response: 1279168021
Conc: 233.01 ng/ml



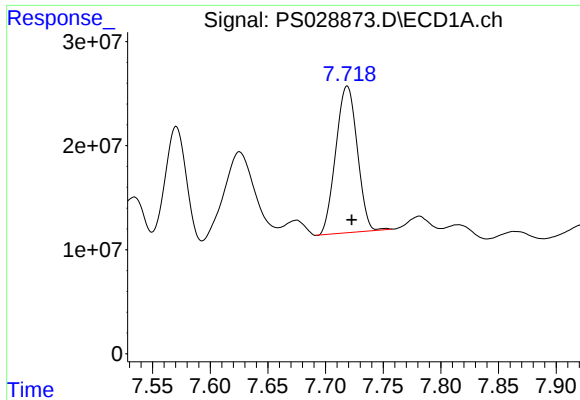
#6 MCP

R.T.: 7.571 min
Delta R.T.: -0.003 min
Response: 130215126
Conc: 20.91 ug/ml



#6 MCP

R.T.: 7.985 min
Delta R.T.: -0.012 min
Response: 73027985
Conc: 22.35 ug/ml



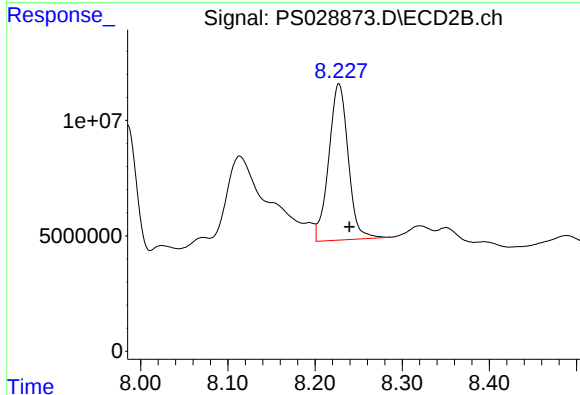
#7 MCPA

R.T.: 7.719 min
Delta R.T.: -0.004 min
Response: 181563891
Conc: 20.71 ug/ml

Instrument :
ECD_S
ClientSampleId :
341-349MSD

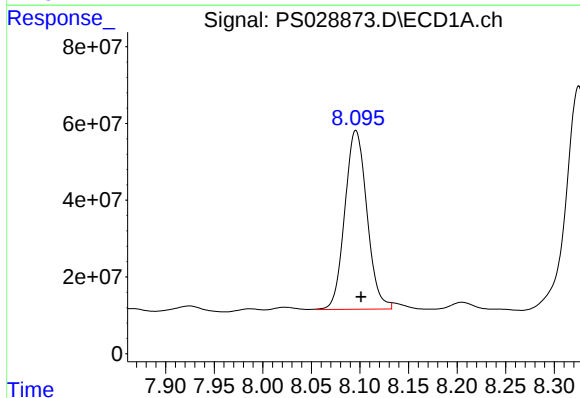
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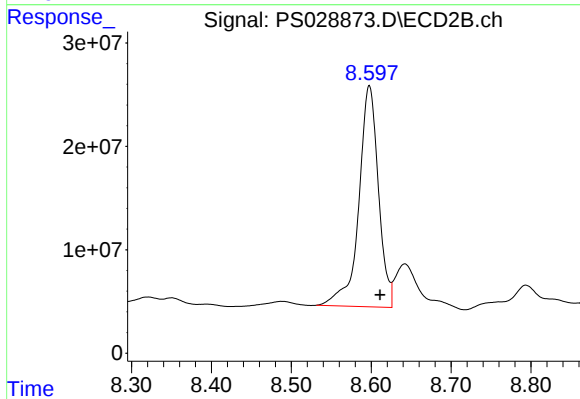
#7 MCPA

R.T.: 8.227 min
Delta R.T.: -0.012 min
Response: 104688611
Conc: 22.60 ug/ml



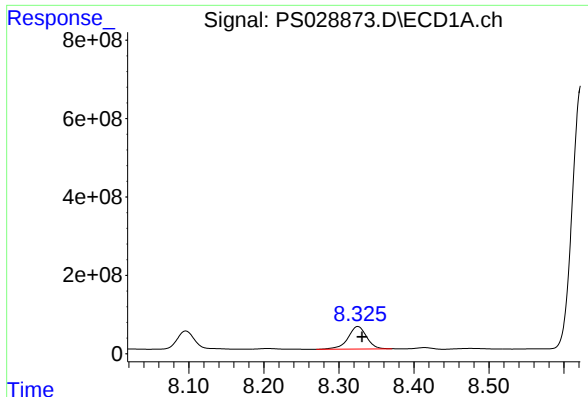
#8 DICHLORPROP

R.T.: 8.095 min
Delta R.T.: -0.006 min
Response: 740898634
Conc: 279.25 ng/ml m



#8 DICHLORPROP

R.T.: 8.598 min
Delta R.T.: -0.013 min
Response: 365334239
Conc: 264.80 ng/ml



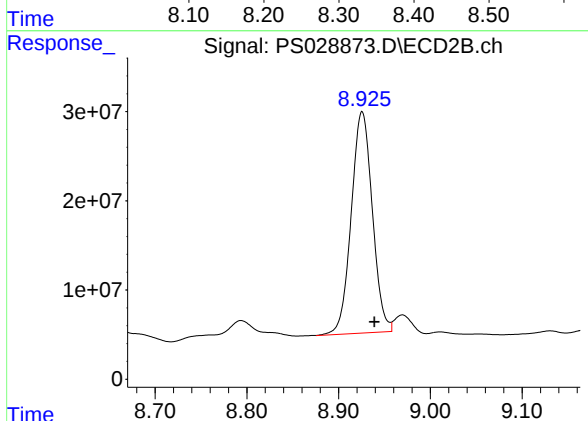
#9 2,4-D

R.T.: 8.325 min
Delta R.T.: -0.006 min
Response: 999084451
Conc: 350.61 ng/ml

Instrument :
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341-349MSD

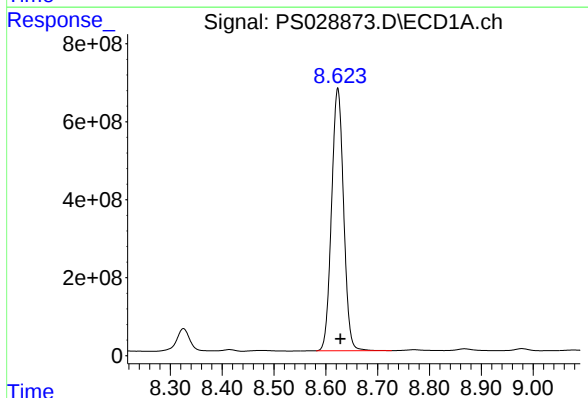
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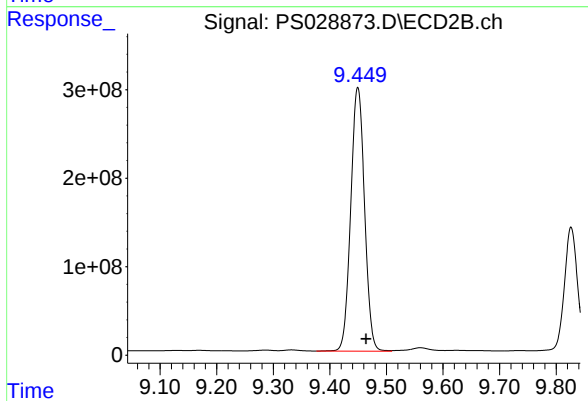
#9 2,4-D

R.T.: 8.925 min
Delta R.T.: -0.014 min
Response: 397755334
Conc: 275.62 ng/ml m



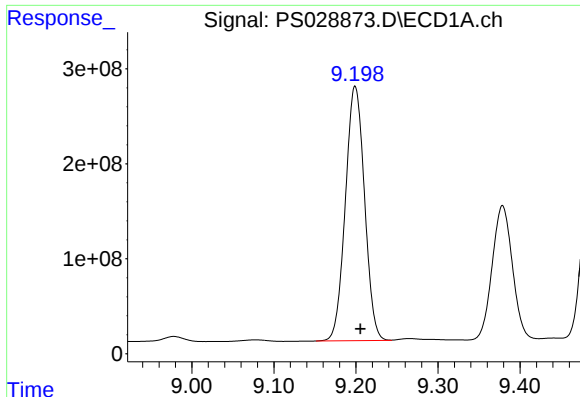
#10 Pentachlorophenol

R.T.: 8.623 min
Delta R.T.: -0.005 min
Response: 10866949584
Conc: 278.16 ng/ml



#10 Pentachlorophenol

R.T.: 9.449 min
Delta R.T.: -0.015 min
Response: 5052108144
Conc: 231.76 ng/ml



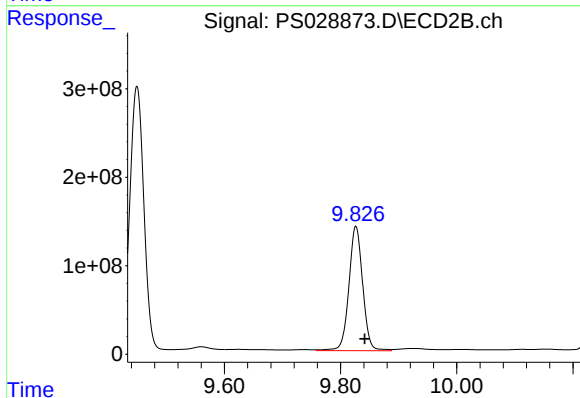
#11 2,4,5-TP (SILVEX)

R.T.: 9.199 min
Delta R.T.: -0.006 min
Response: 4346358419
Conc: 276.67 ng/ml

Instrument :
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ClientSampleId :
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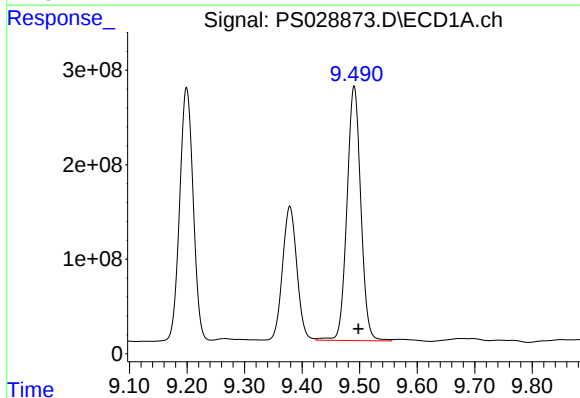
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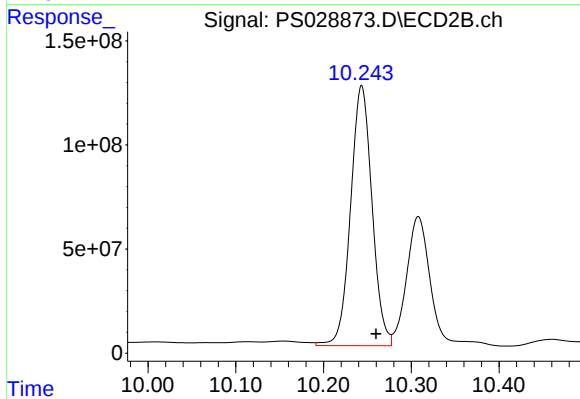
#11 2,4,5-TP (SILVEX)

R.T.: 9.826 min
Delta R.T.: -0.015 min
Response: 2320036112
Conc: 258.25 ng/ml



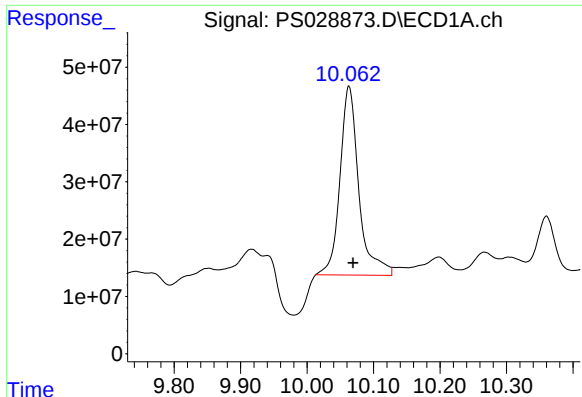
#12 2,4,5-T

R.T.: 9.490 min
Delta R.T.: -0.007 min
Response: 4540068682
Conc: 279.06 ng/ml



#12 2,4,5-T

R.T.: 10.243 min
Delta R.T.: -0.016 min
Response: 2121990782
Conc: 243.65 ng/ml



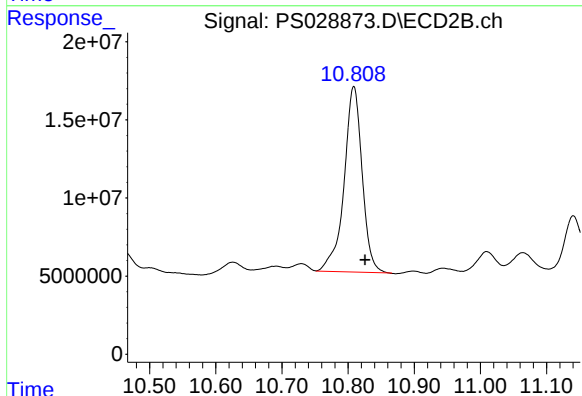
#13 2,4-DB

R.T.: 10.062 min
Delta R.T.: -0.007 min
Response: 649577124
Conc: 208.09 ng/ml

Instrument :
ECD_S
ClientSampleId :
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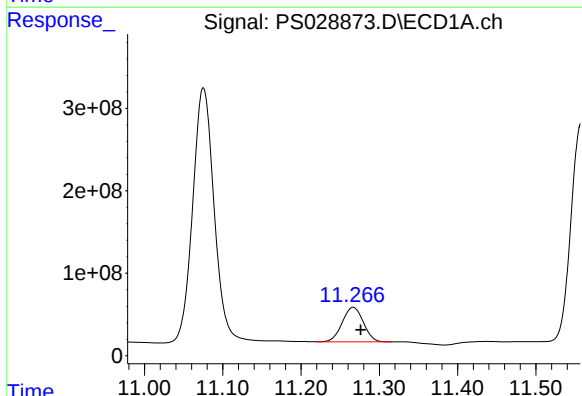
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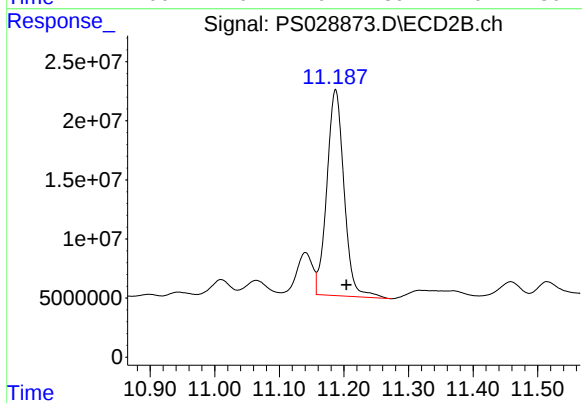
#13 2,4-DB

R.T.: 10.808 min
Delta R.T.: -0.017 min
Response: 225769494
Conc: 232.49 ng/ml m



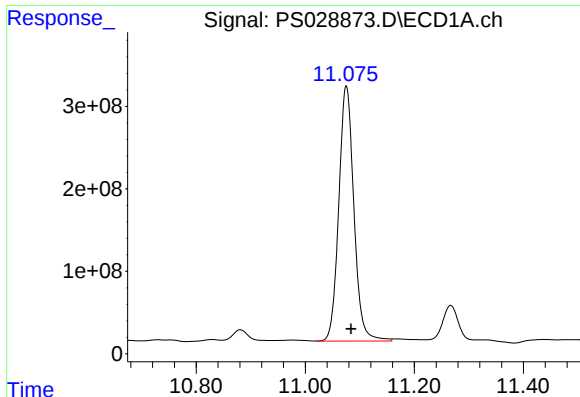
#14 DINOSEB

R.T.: 11.266 min
Delta R.T.: -0.010 min
Response: 790823687
Conc: 58.83 ng/ml m



#14 DINOSEB

R.T.: 11.187 min
Delta R.T.: -0.017 min
Response: 322766922
Conc: 52.40 ng/ml



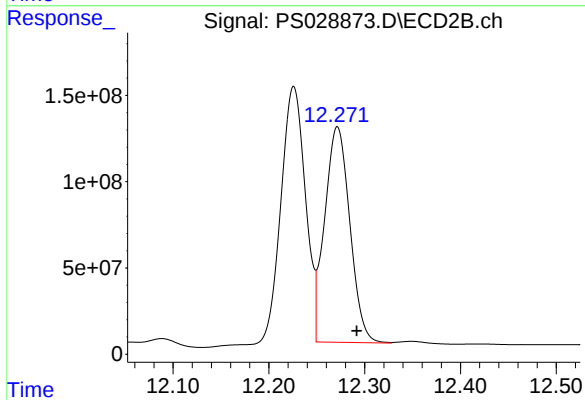
#15 Picloram

R.T.: 11.075 min
Delta R.T.: -0.009 min
Response: 5951562761
Conc: 221.97 ng/ml

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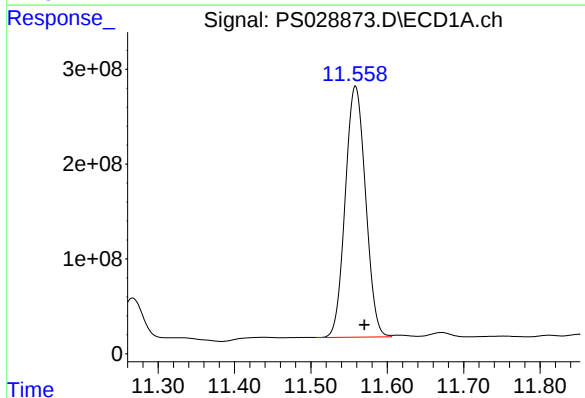
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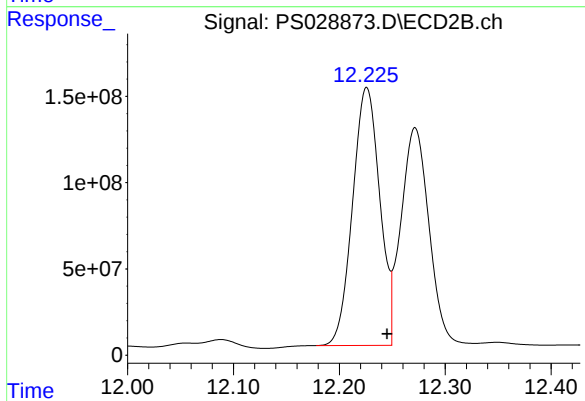
#15 Picloram

R.T.: 12.272 min
Delta R.T.: -0.020 min
Response: 2279089734
Conc: 177.51 ng/ml



#16 DCPA

R.T.: 11.558 min
Delta R.T.: -0.012 min
Response: 4901571609
Conc: 203.80 ng/ml m



#16 DCPA

R.T.: 12.225 min
Delta R.T.: -0.020 min
Response: 2689302476
Conc: 250.29 ng/ml m