

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS083024\
 Data File : PS027572.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Aug 2024 11:35
 Operator : AR\AJ
 Sample : PB163083BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PB163083BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 09/03/2024
 Supervised By : Ankita Jodhani 09/03/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 31 04:23:32 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS081924.M
 Quant Title : 8080.M
 QLast Update : Mon Aug 19 14:50:32 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	7.151	7.734	1263.2E6	960.2E6	488.445	486.387
Target Compounds							
1) T	Dalapon	2.588	2.690	1358.1E6	1560.5E6	408.986	427.171
2) T	3,5-DICHL...	6.335	6.690	1818.5E6	1307.5E6	443.646m	451.321
3) T	4-Nitroph...	6.949	7.263	687.6E6	606.6E6	441.580	454.553m
5) T	DICAMBA	7.331	7.931	5055.2E6	4169.7E6	445.693m	455.792
6) T	MCPD	7.509	8.031	334.9E6	269.2E6	43.701m	44.228
7) T	MCPA	7.654	8.274	432.7E6	363.2E6	43.986	44.387
8) T	DICHLORPROP	8.021	8.642	1244.5E6	1027.3E6	453.348m	462.006m
9) T	2,4-D	8.247	8.971	1337.6E6	1146.6E6	458.918	462.799
10) T	Pentachlo...	8.536	9.498	19590.7E6	16259.6E6	475.499	476.857
11) T	2,4,5-TP ...	9.106	9.870	7357.5E6	6354.6E6	466.490	465.395m
12) T	2,4,5-T	9.393	10.289	7193.4E6	6272.0E6	473.057	464.286
13) T	2,4-DB	9.960	10.853	978.6E6	757.5E6	457.696	448.409
14) T	DINOSEB	11.143	11.231	5672.7E6	4320.9E6	472.938	462.701m
15) T	Picloram	10.962	12.322	8900.4E6	8473.3E6	442.982	432.813
16) T	DCPA	11.442	12.271	9027.3E6	7035.2E6	481.288m	477.804

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

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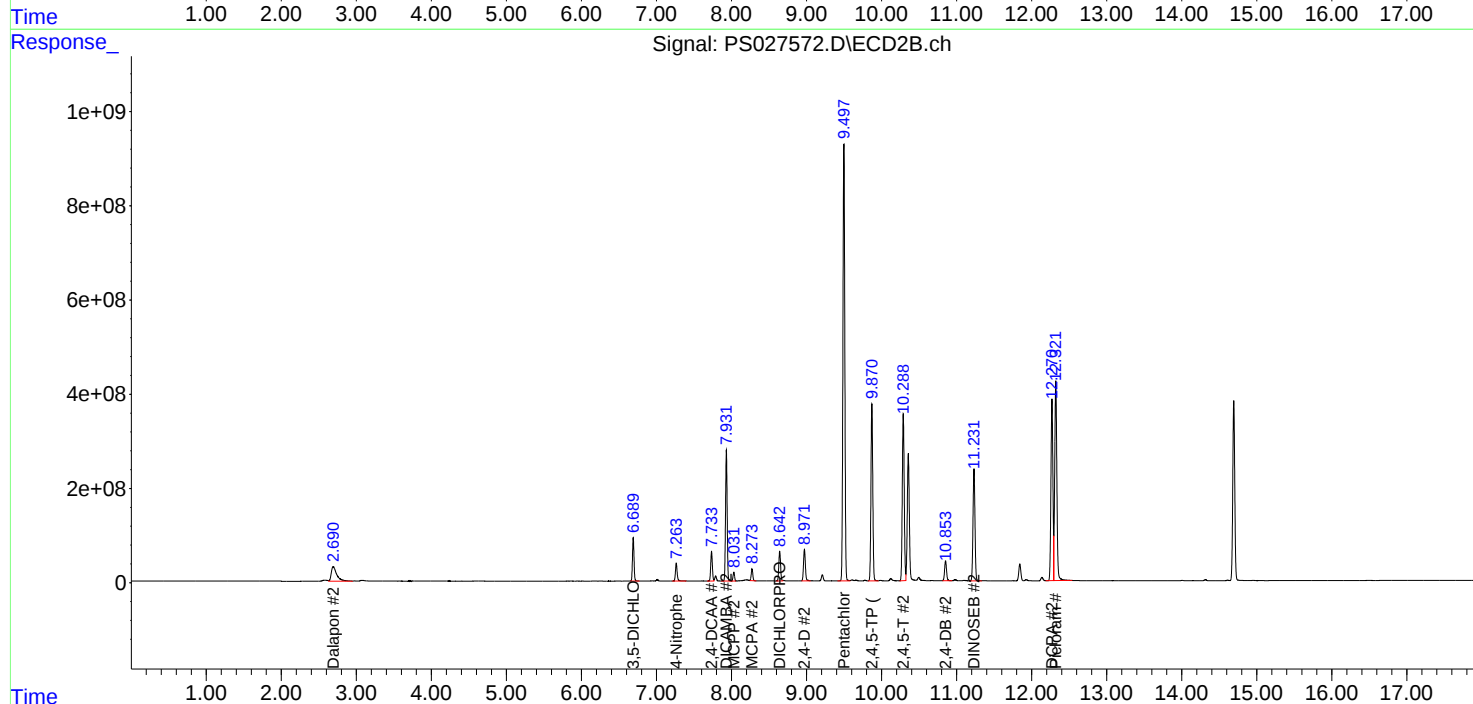
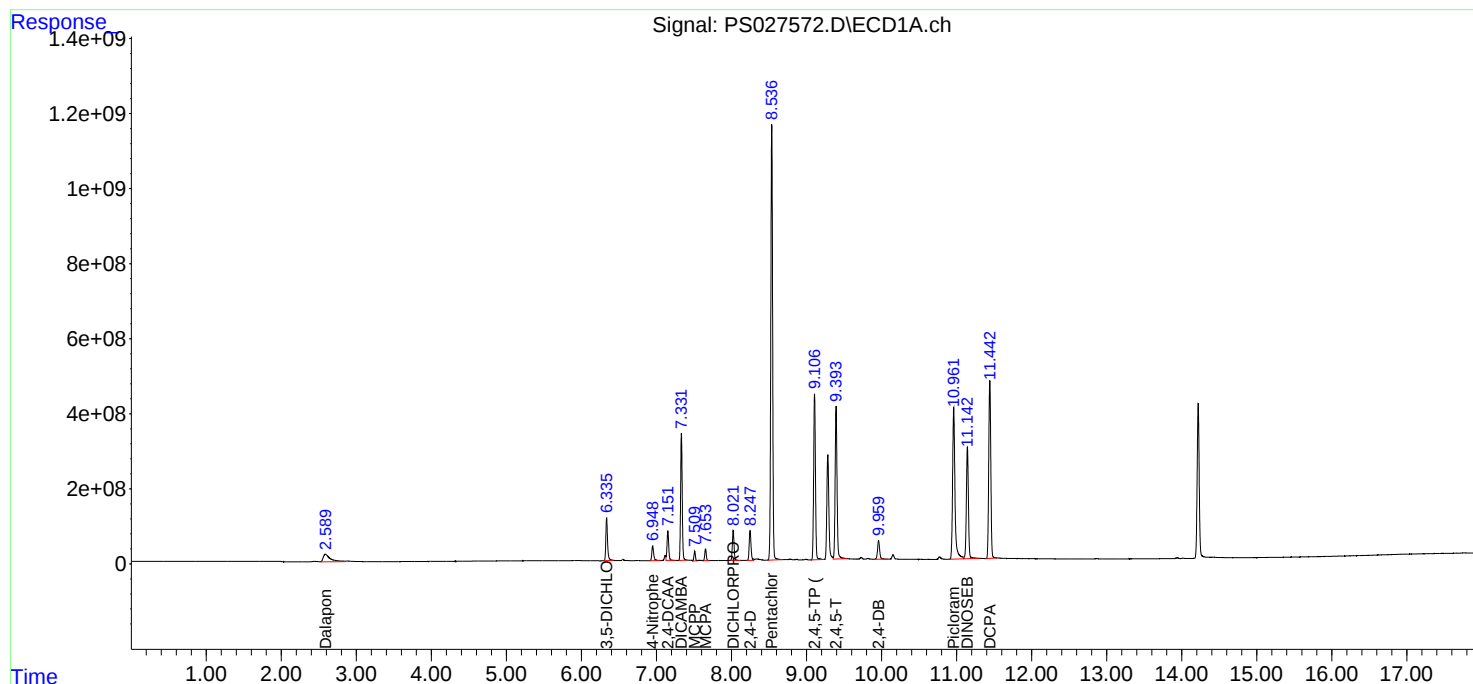
Manual Integrations

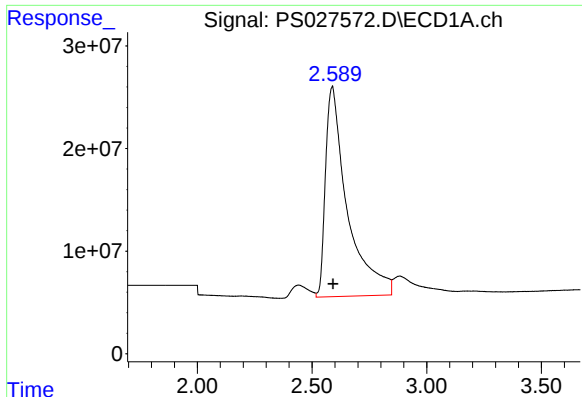
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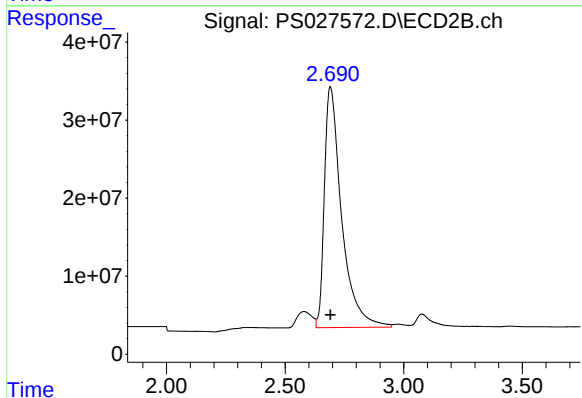
#1 Dalapon

R.T.: 2.588 min
Delta R.T.: -0.004 min
Response: 1358083901
Conc: 408.99 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB163083BS

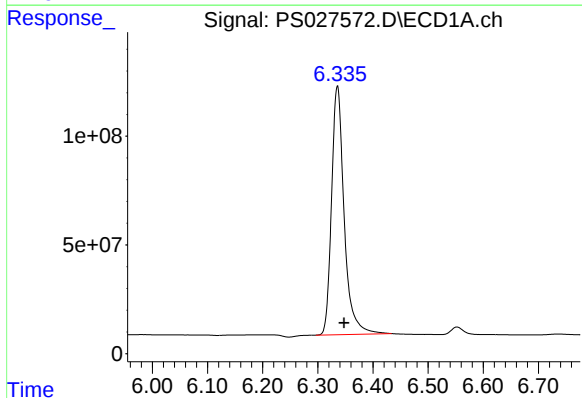
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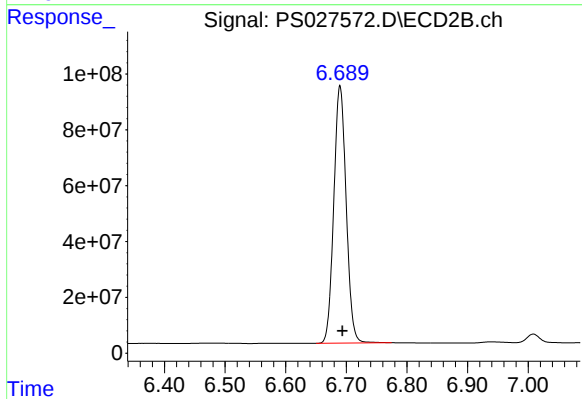
#1 Dalapon

R.T.: 2.690 min
Delta R.T.: 0.000 min
Response: 1560485954
Conc: 427.17 ng/ml



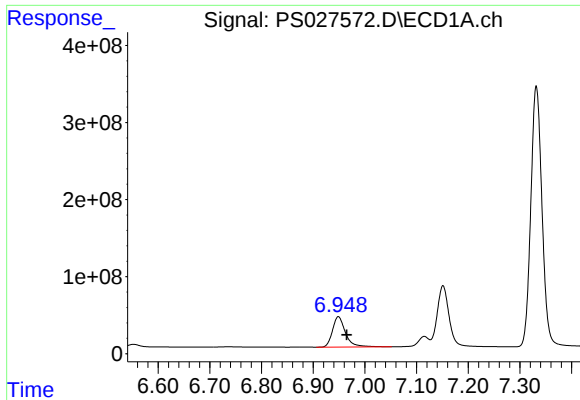
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.335 min
Delta R.T.: -0.012 min
Response: 1818458965
Conc: 443.65 ng/ml m



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.690 min
Delta R.T.: -0.004 min
Response: 1307520479
Conc: 451.32 ng/ml



#3 4-Nitrophenol

R.T.: 6.949 min
Delta R.T.: -0.016 min
Response: 687627861
Conc: 441.58 ng/ml

Instrument :

ECD_S

ClientSampleId :

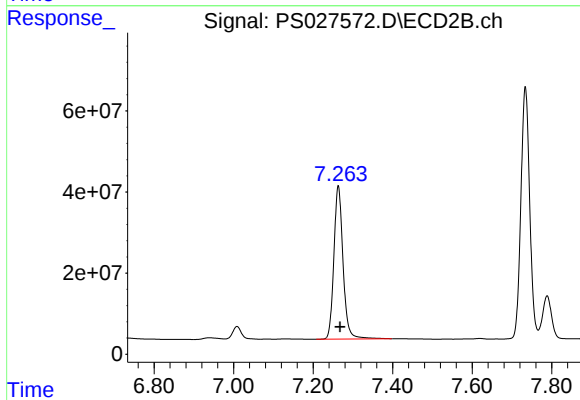
PB163083BS

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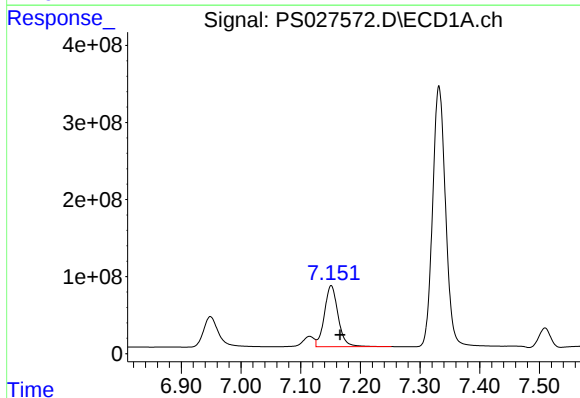
Reviewed By :Abdul Mirza 09/03/2024

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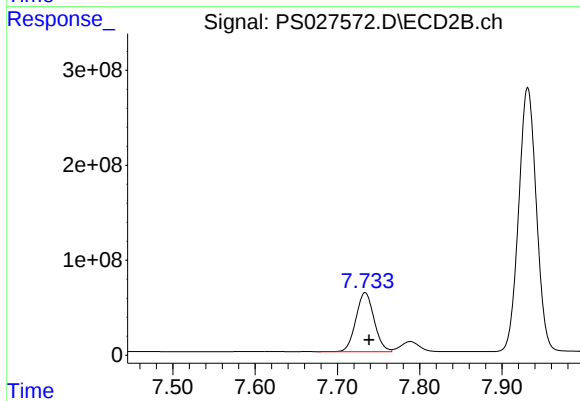
#3 4-Nitrophenol

R.T.: 7.263 min
Delta R.T.: -0.005 min
Response: 606555944
Conc: 454.55 ng/ml m



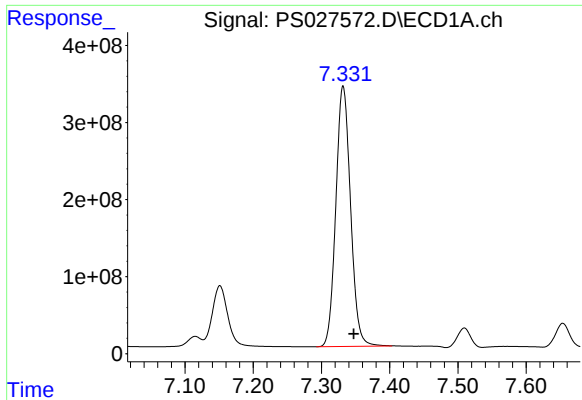
#4 2,4-DCAA

R.T.: 7.151 min
Delta R.T.: -0.015 min
Response: 1263245397
Conc: 488.45 ng/ml



#4 2,4-DCAA

R.T.: 7.734 min
Delta R.T.: -0.005 min
Response: 960242246
Conc: 486.39 ng/ml



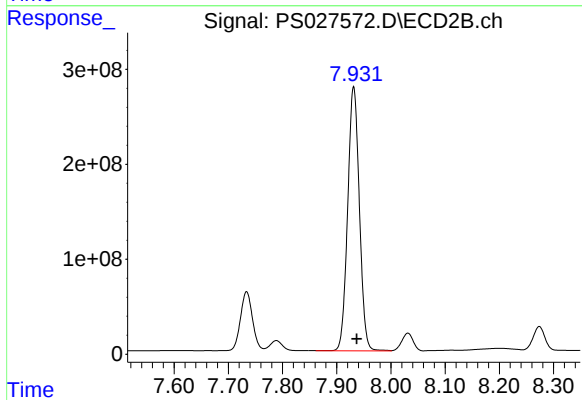
#5 DICAMBA

R.T.: 7.331 min
Delta R.T.: -0.016 min
Response: 5055216128
Conc: 445.69 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB163083BS

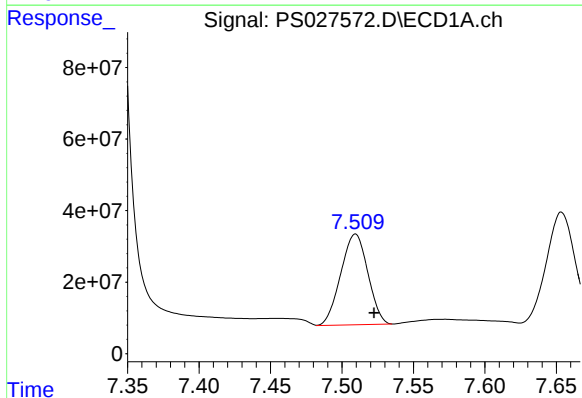
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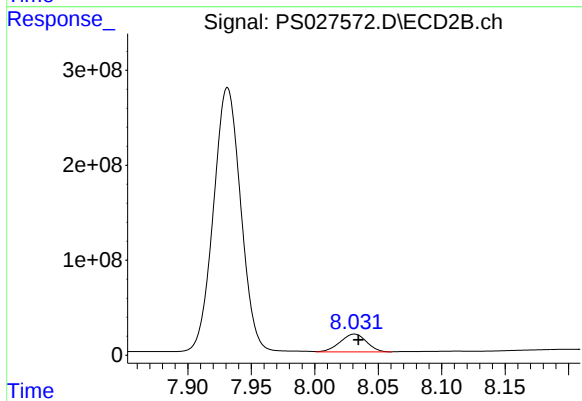
#5 DICAMBA

R.T.: 7.931 min
Delta R.T.: -0.006 min
Response: 4169697506
Conc: 455.79 ng/ml



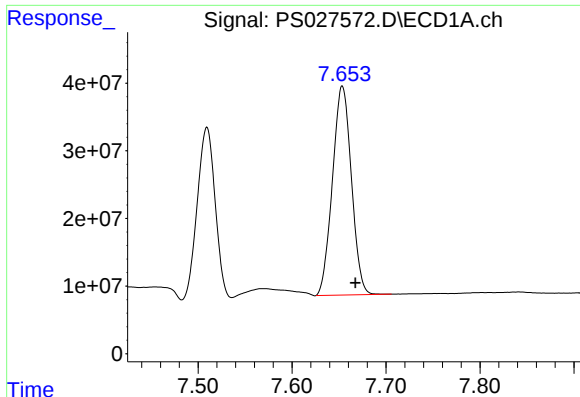
#6 MCP

R.T.: 7.509 min
Delta R.T.: -0.013 min
Response: 334859821
Conc: 43.70 ug/ml m



#6 MCP

R.T.: 8.031 min
Delta R.T.: -0.003 min
Response: 269235928
Conc: 44.23 ug/ml



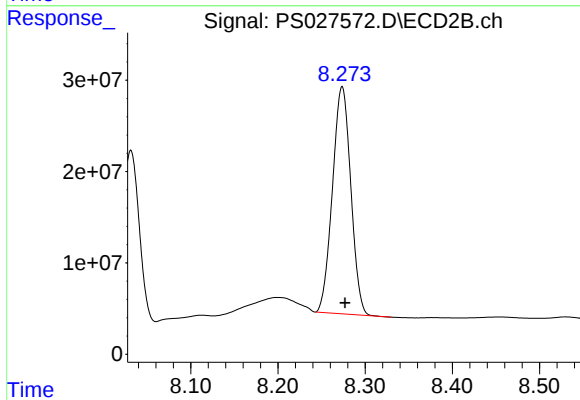
#7 MCPA

R.T.: 7.654 min
Delta R.T.: -0.014 min
Response: 432710426
Conc: 43.99 ug/ml

Instrument :
ECD_S
ClientSampleId :
PB163083BS

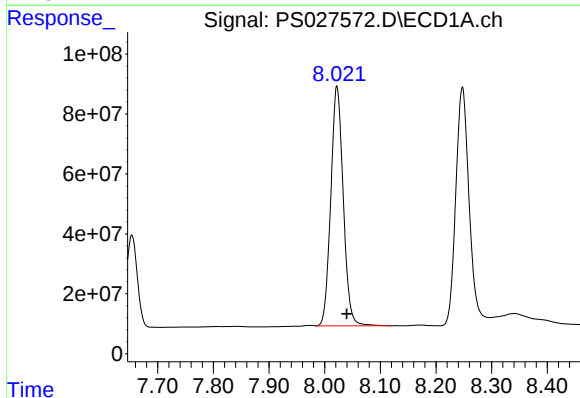
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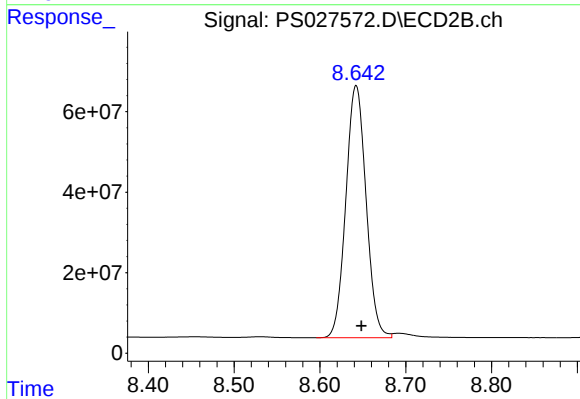
#7 MCPA

R.T.: 8.274 min
Delta R.T.: -0.003 min
Response: 363232810
Conc: 44.39 ug/ml



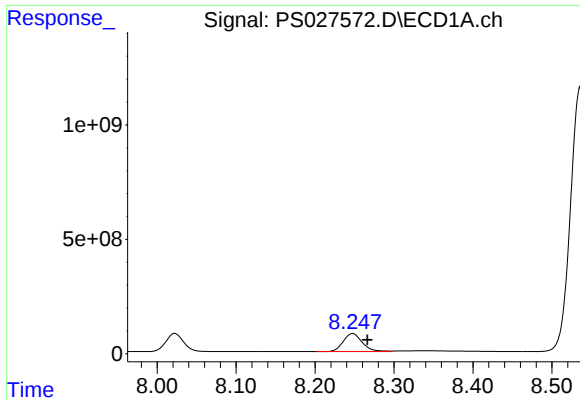
#8 DICHLORPROP

R.T.: 8.021 min
Delta R.T.: -0.018 min
Response: 1244499285
Conc: 453.35 ng/ml m



#8 DICHLORPROP

R.T.: 8.642 min
Delta R.T.: -0.007 min
Response: 1027343646
Conc: 462.01 ng/ml m



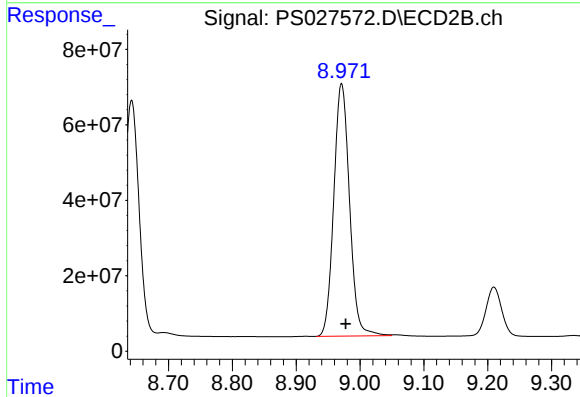
#9 2,4-D

R.T.: 8.247 min
Delta R.T.: -0.019 min
Response: 1337559041
Conc: 458.92 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB163083BS

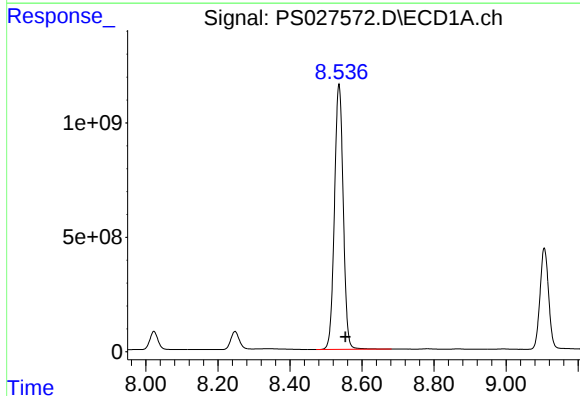
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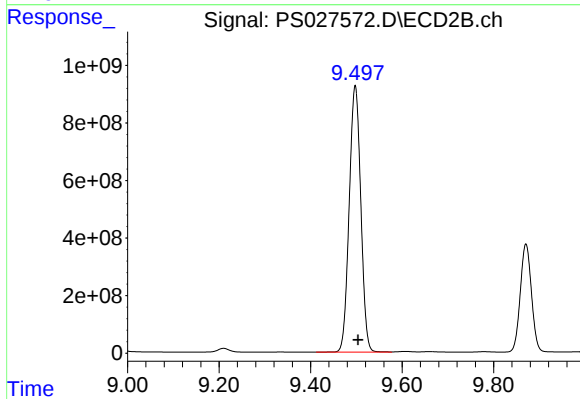
#9 2,4-D

R.T.: 8.971 min
Delta R.T.: -0.007 min
Response: 1146587171
Conc: 462.80 ng/ml



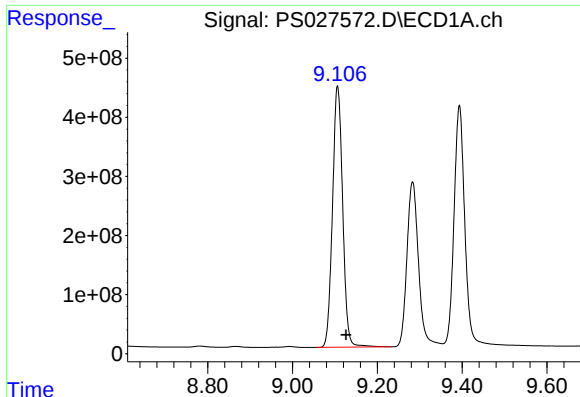
#10 Pentachlorophenol

R.T.: 8.536 min
Delta R.T.: -0.018 min
Response: 19590666553
Conc: 475.50 ng/ml



#10 Pentachlorophenol

R.T.: 9.498 min
Delta R.T.: -0.006 min
Response: 16259620323
Conc: 476.86 ng/ml



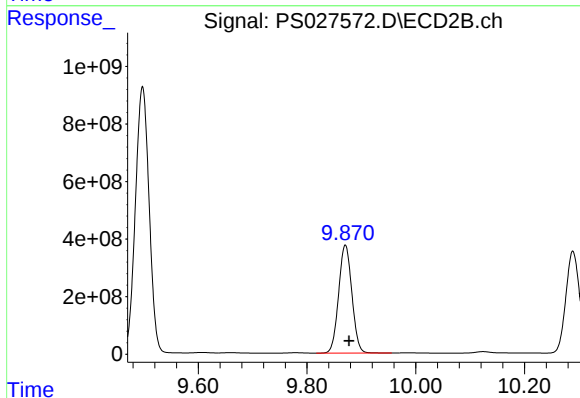
#11 2,4,5-TP (SILVEX)

R.T.: 9.106 min
Delta R.T.: -0.020 min
Response: 7357460279
Conc: 466.49 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB163083BS

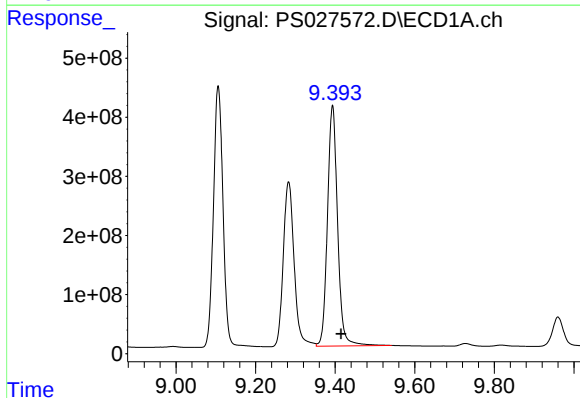
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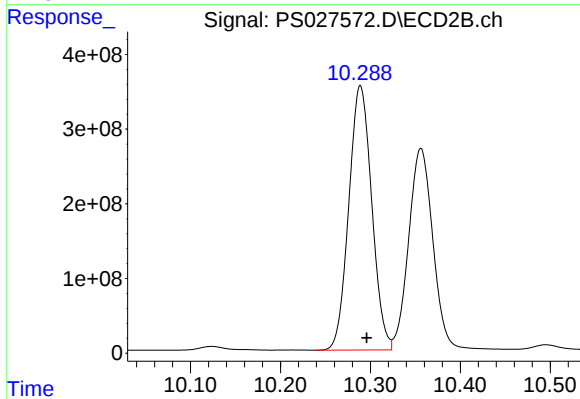
#11 2,4,5-TP (SILVEX)

R.T.: 9.870 min
Delta R.T.: -0.008 min
Response: 6354647951
Conc: 465.39 ng/ml m



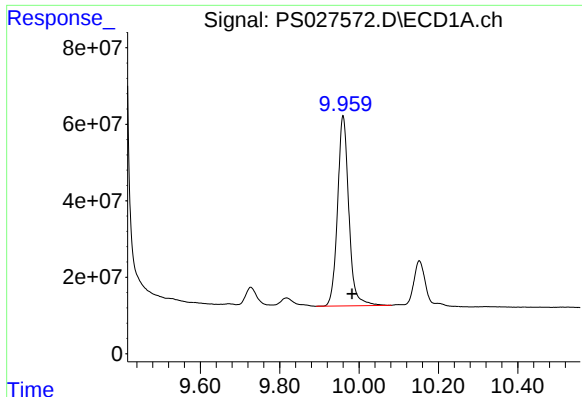
#12 2,4,5-T

R.T.: 9.393 min
Delta R.T.: -0.021 min
Response: 7193389781
Conc: 473.06 ng/ml



#12 2,4,5-T

R.T.: 10.289 min
Delta R.T.: -0.007 min
Response: 6271999693
Conc: 464.29 ng/ml



#13 2,4-DB

R.T.: 9.960 min
Delta R.T.: -0.023 min
Response: 978619375
Conc: 457.70 ng/ml

Instrument :

ECD_S

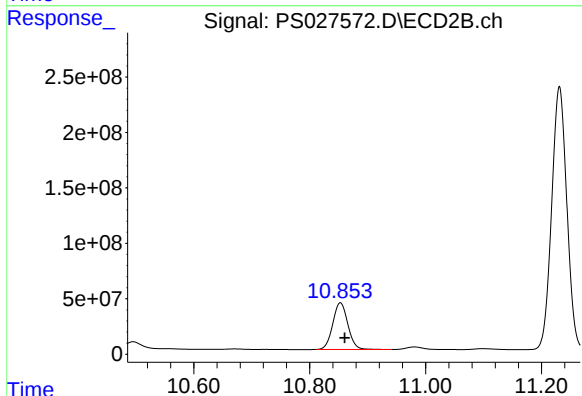
ClientSampleId :

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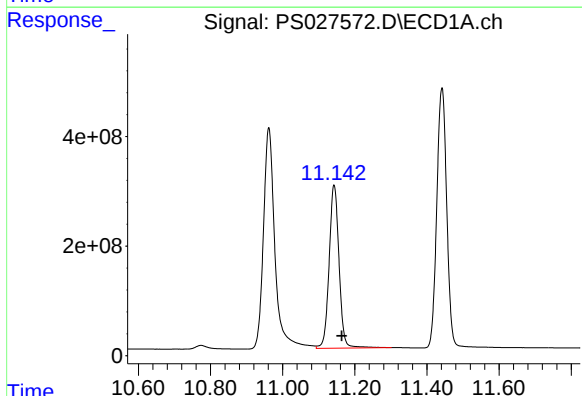
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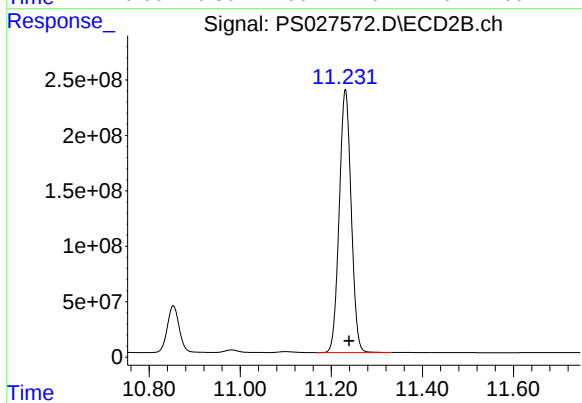
#13 2,4-DB

R.T.: 10.853 min
Delta R.T.: -0.008 min
Response: 757527672
Conc: 448.41 ng/ml



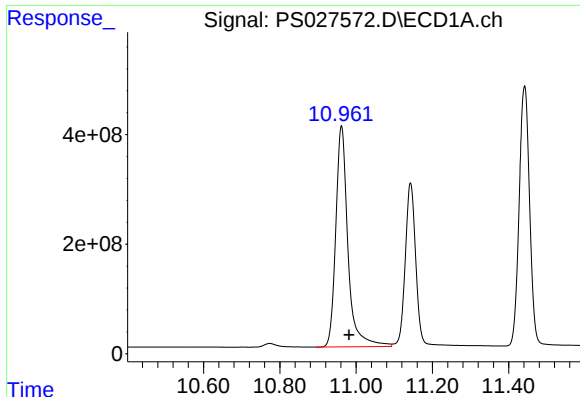
#14 DINOSEB

R.T.: 11.143 min
Delta R.T.: -0.021 min
Response: 5672673028
Conc: 472.94 ng/ml



#14 DINOSEB

R.T.: 11.231 min
Delta R.T.: -0.009 min
Response: 4320878754
Conc: 462.70 ng/ml m



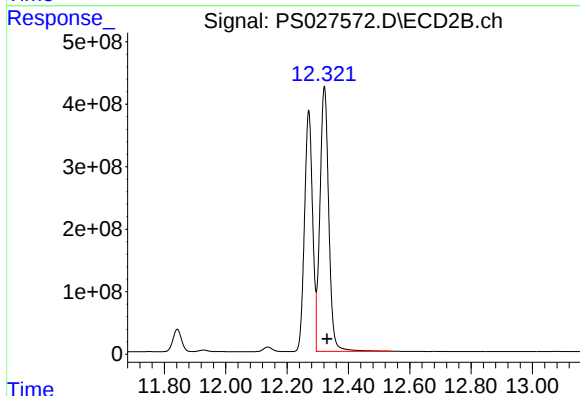
#15 Picloram

R.T.: 10.962 min
Delta R.T.: -0.019 min
Response: 8900391018
Conc: 442.98 ng/ml

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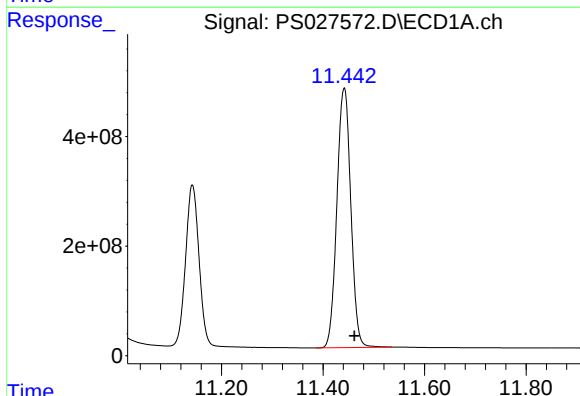
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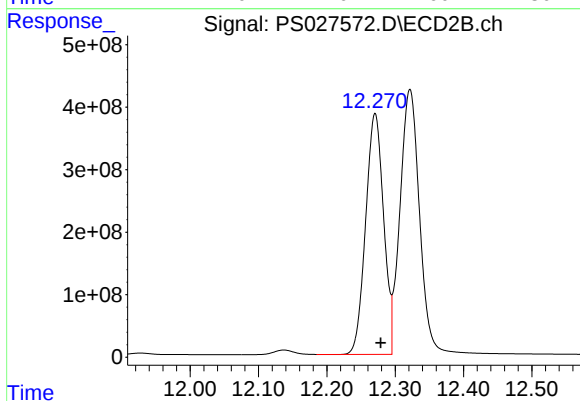
#15 Picloram

R.T.: 12.322 min
Delta R.T.: -0.009 min
Response: 8473296493
Conc: 432.81 ng/ml



#16 DCPA

R.T.: 11.442 min
Delta R.T.: -0.020 min
Response: 9027251276
Conc: 481.29 ng/ml m



#16 DCPA

R.T.: 12.271 min
Delta R.T.: -0.008 min
Response: 7035174586
Conc: 477.80 ng/ml