

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS102725\
 Data File : PS032177.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Oct 2025 19:09
 Operator : AR\AJ
 Sample : Q3439-01MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 TP-9MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/28/2025
 Supervised By :mohammad ahmed 10/29/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 28 06:22:46 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS102725.M
 Quant Title : 8080.M
 QLast Update : Tue Oct 28 04:40:54 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	7.274	7.736	1909.0E6	391.7E6	441.522	358.191
Target Compounds							
1) T	Dalapon	2.646	2.683	383.3E6	1741.1E6	53.148m	473.380m#
2) T	3,5-DICHL...	6.444	6.695	1061.4E6	248.3E6	167.872	131.915m
3) T	4-Nitroph...	7.077	7.306	41889405	8183647	38.606m	5.159m#
5) T	DICAMBA	7.456	7.932	2801.9E6	1366.8E6	151.671	167.375m
6) T	MCPD	7.631	8.028	97567596	15440710	9.062	6.037 #
7) T	MCPA	7.781	8.273	187.0E6	29183234	14.361	8.334 #
8) T	DICHLORPROP	8.165	8.653	832.5E6	312.4E6	191.382	170.021
9) T	2,4-D	8.408	9.000	546.0E6	326.1E6	131.782m	168.899 #
10) T	Pentachlo...	8.693	9.501	6563.9E6	4560.4E6	106.379	93.903m
11) T	2,4,5-TP ...	9.271	9.884	4809.0E6	3936.7E6	194.832	208.269m
12) T	2,4,5-T	9.571	10.319	3348.9E6	2558.7E6	160.768m	158.662m
13) T	2,4-DB	10.149	10.889	355.1E6	153.5E6	154.316m	111.260 #
15) T	Picloram	11.180	12.389	2078.0E6	2985.5E6	110.345	102.705
16) T	DCPA	11.631	12.297	4358.7E6	5045.5E6	136.037	162.026m

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

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Acq On : 27 Oct 2025 19:09
Operator : AR\AJ
Sample : Q3439-01MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

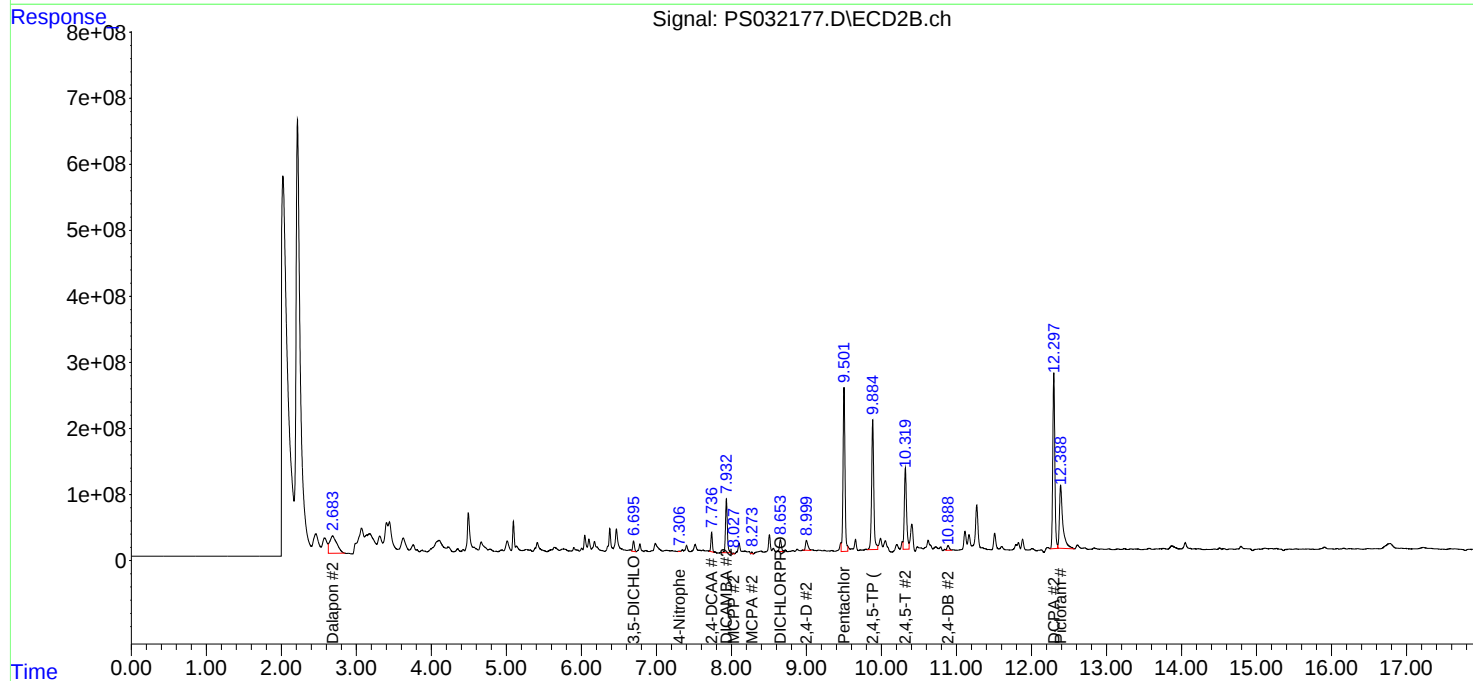
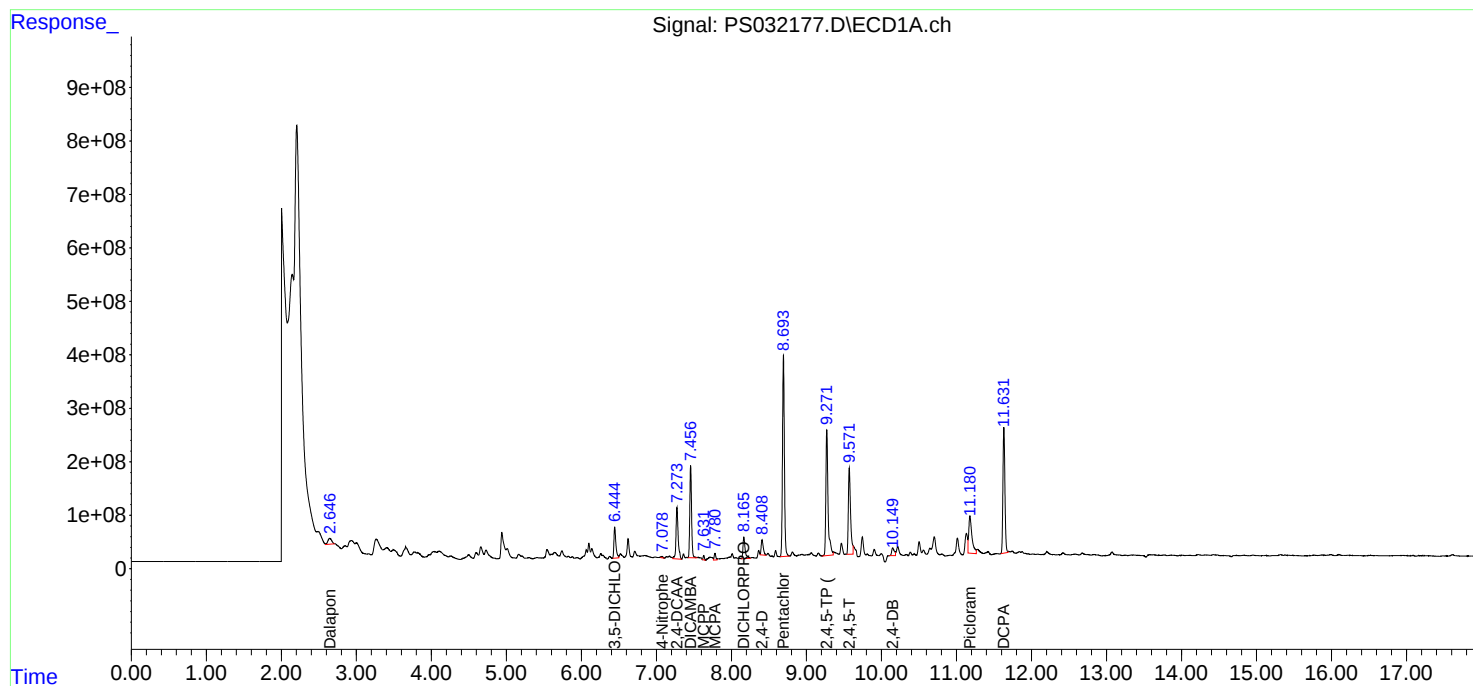
Instrument :
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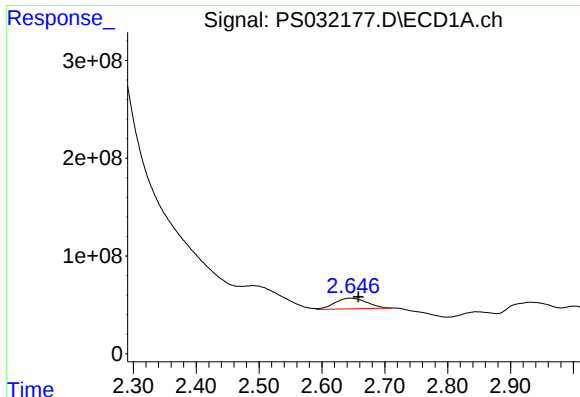
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Integration File signal 1: autoint1.e
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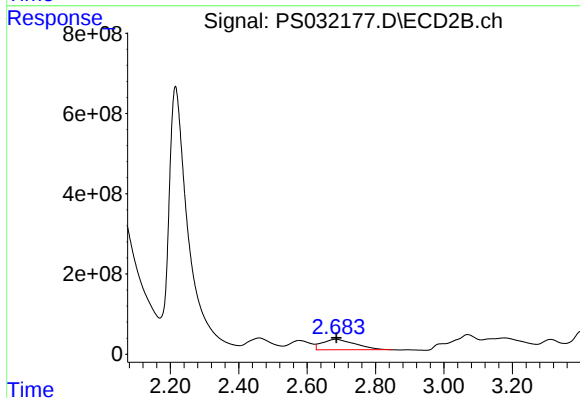
#1 Dalapon

R.T.: 2.646 min
Delta R.T.: -0.012 min
Response: 383256534
Conc: 53.15 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-9MS

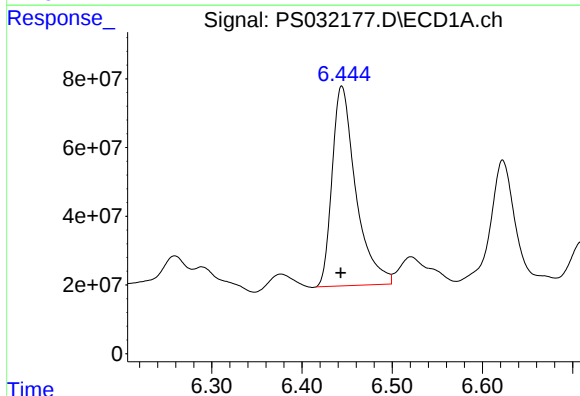
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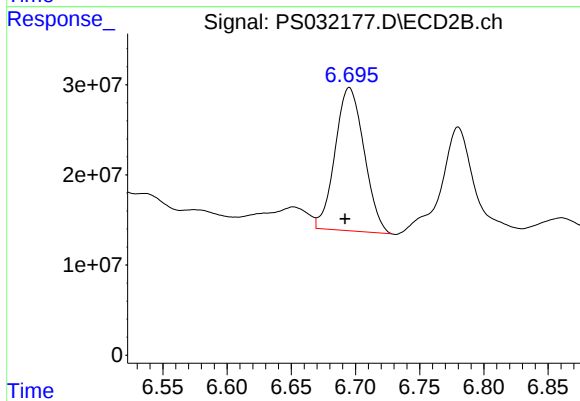
#1 Dalapon

R.T.: 2.683 min
Delta R.T.: -0.002 min
Response: 1741080062
Conc: 473.38 ng/ml m



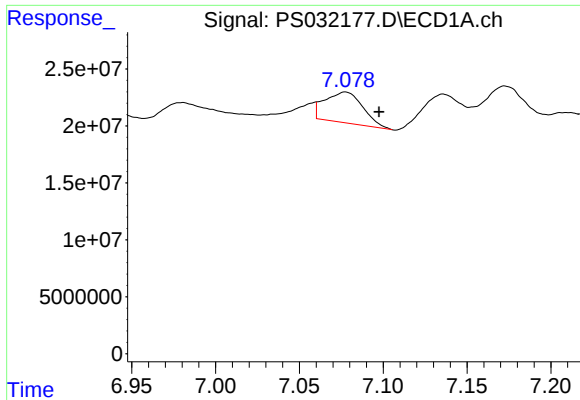
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.444 min
Delta R.T.: 0.001 min
Response: 1061438394
Conc: 167.87 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.695 min
Delta R.T.: 0.003 min
Response: 248260497
Conc: 131.91 ng/ml m



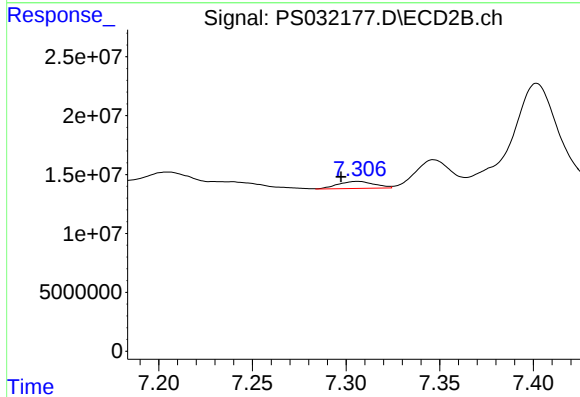
#3 4-Nitrophenol

R.T.: 7.077 min
Delta R.T.: -0.020 min
Response: 41889405
Conc: 38.61 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-9MS

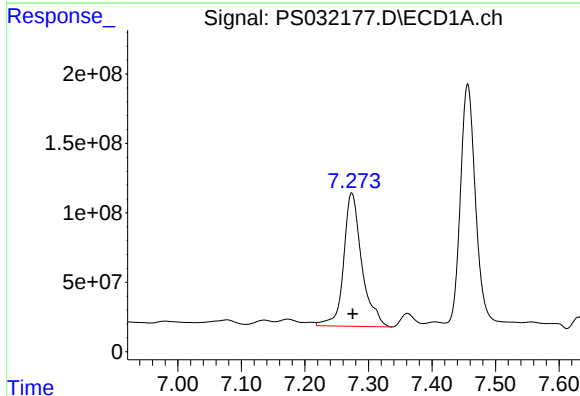
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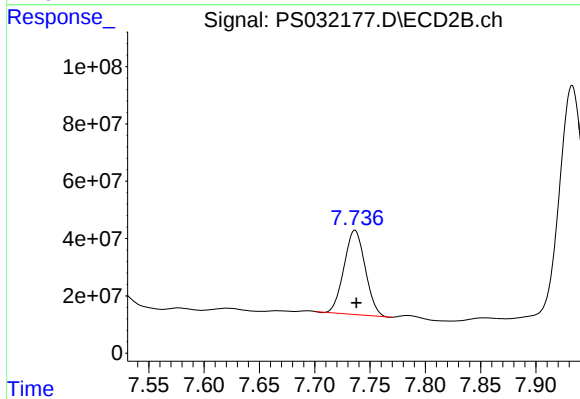
#3 4-Nitrophenol

R.T.: 7.306 min
Delta R.T.: 0.008 min
Response: 8183647
Conc: 5.16 ng/ml m



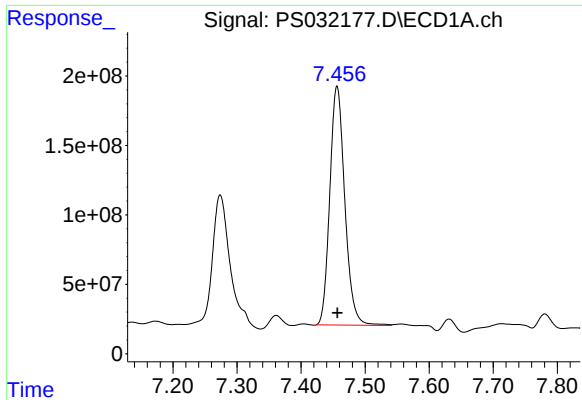
#4 2,4-DCAA

R.T.: 7.274 min
Delta R.T.: -0.001 min
Response: 1908992935
Conc: 441.52 ng/ml



#4 2,4-DCAA

R.T.: 7.736 min
Delta R.T.: -0.001 min
Response: 391694400
Conc: 358.19 ng/ml



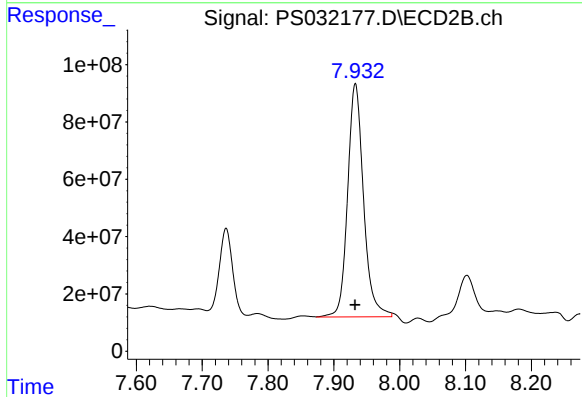
#5 DICAMBA

R.T.: 7.456 min
Delta R.T.: 0.000 min
Response: 2801908063
Conc: 151.67 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-9MS

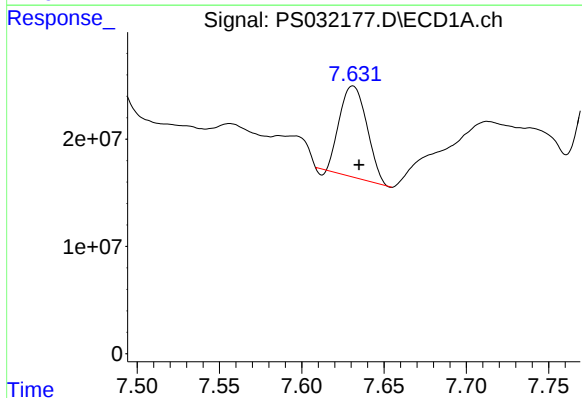
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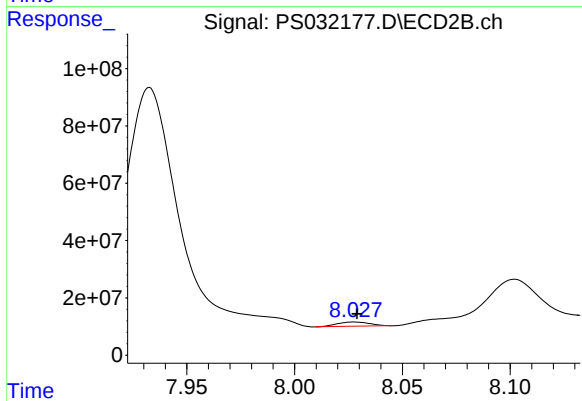
#5 DICAMBA

R.T.: 7.932 min
Delta R.T.: 0.000 min
Response: 1366777892
Conc: 167.37 ng/ml m



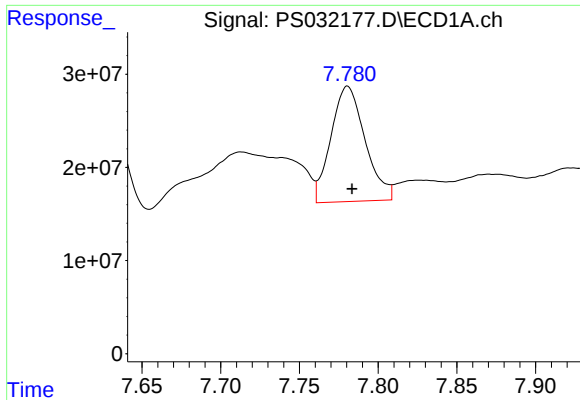
#6 MCPP

R.T.: 7.631 min
Delta R.T.: -0.004 min
Response: 97567596
Conc: 9.06 ug/ml



#6 MCPP

R.T.: 8.028 min
Delta R.T.: -0.001 min
Response: 15440710
Conc: 6.04 ug/ml



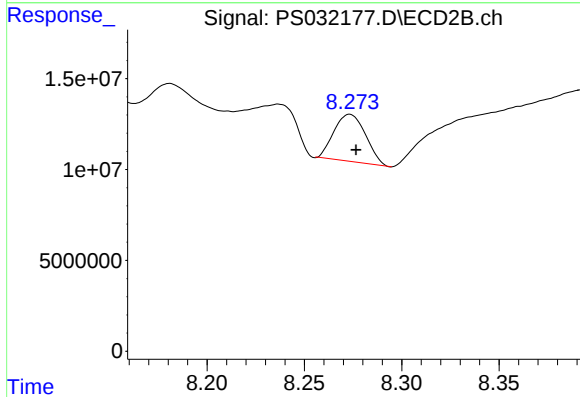
#7 MCPA

R.T.: 7.781 min
Delta R.T.: -0.003 min
Response: 187003802
Conc: 14.36 ug/ml

Instrument :
ECD_S
ClientSampleId :
TP-9MS

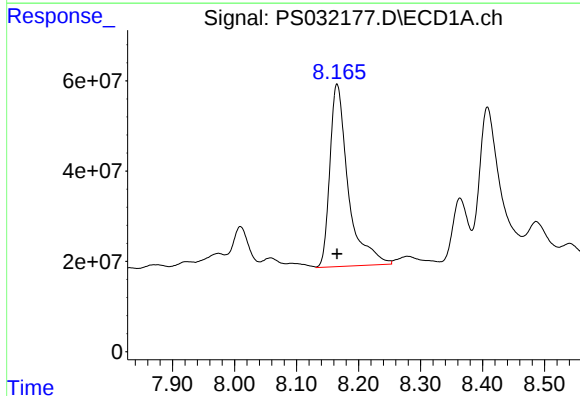
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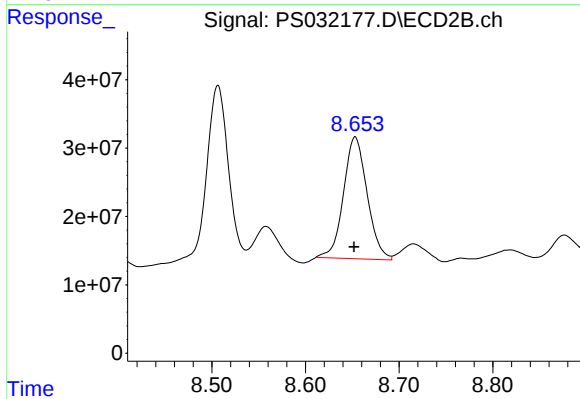
#7 MCPA

R.T.: 8.273 min
Delta R.T.: -0.003 min
Response: 29183234
Conc: 8.33 ug/ml



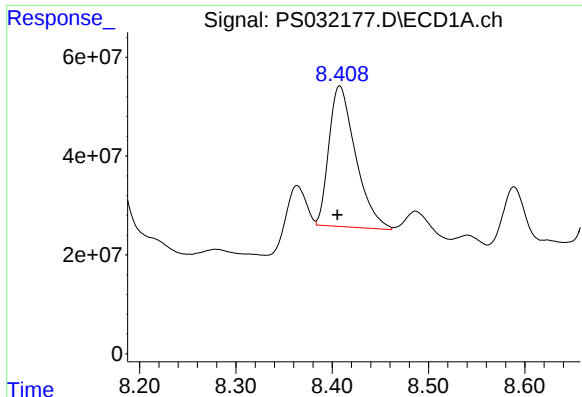
#8 DICHLORPROP

R.T.: 8.165 min
Delta R.T.: 0.000 min
Response: 832468047
Conc: 191.38 ng/ml



#8 DICHLORPROP

R.T.: 8.653 min
Delta R.T.: 0.001 min
Response: 312397557
Conc: 170.02 ng/ml



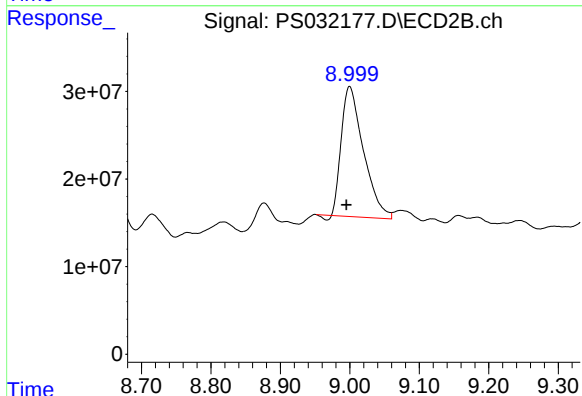
#9 2,4-D

R.T.: 8.408 min
Delta R.T.: 0.002 min
Response: 546023745
Conc: 131.78 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-9MS

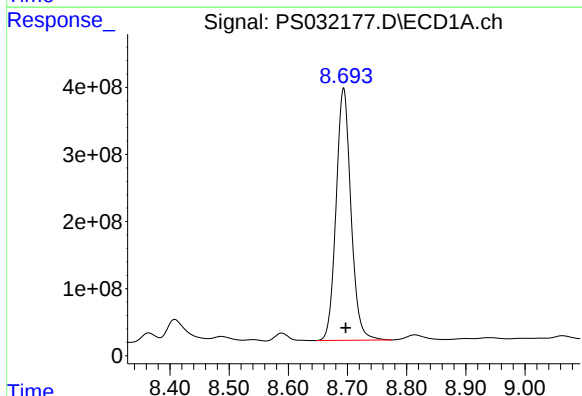
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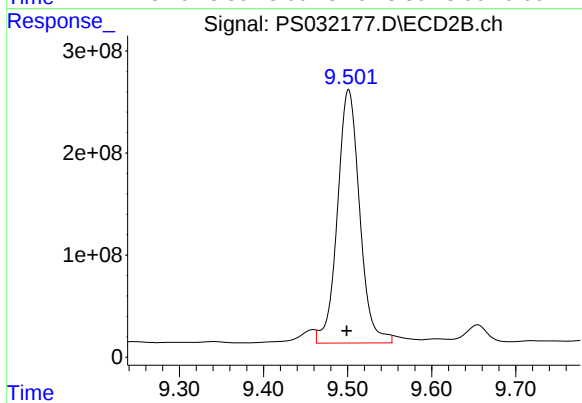
#9 2,4-D

R.T.: 9.000 min
Delta R.T.: 0.005 min
Response: 326090267
Conc: 168.90 ng/ml



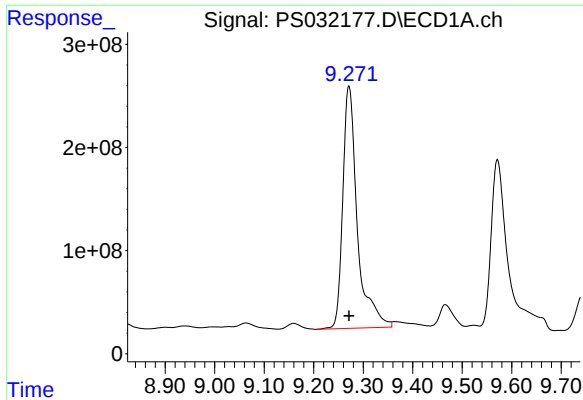
#10 Pentachlorophenol

R.T.: 8.693 min
Delta R.T.: -0.004 min
Response: 6563876202
Conc: 106.38 ng/ml



#10 Pentachlorophenol

R.T.: 9.501 min
Delta R.T.: 0.002 min
Response: 4560402912
Conc: 93.90 ng/ml m



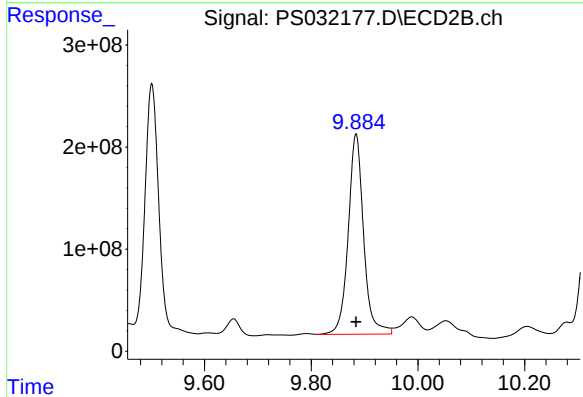
#11 2,4,5-TP (SILVEX)

R.T.: 9.271 min
Delta R.T.: 0.000 min
Response: 4809041878
Conc: 194.83 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-9MS

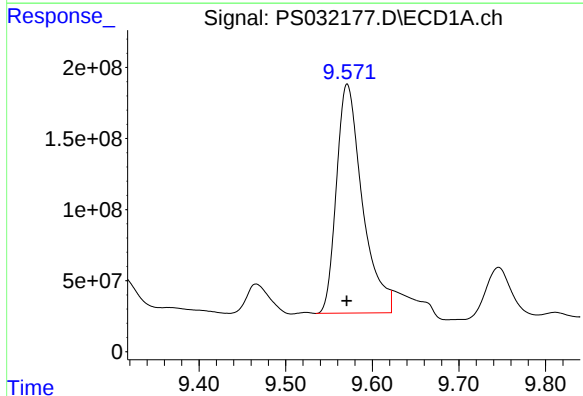
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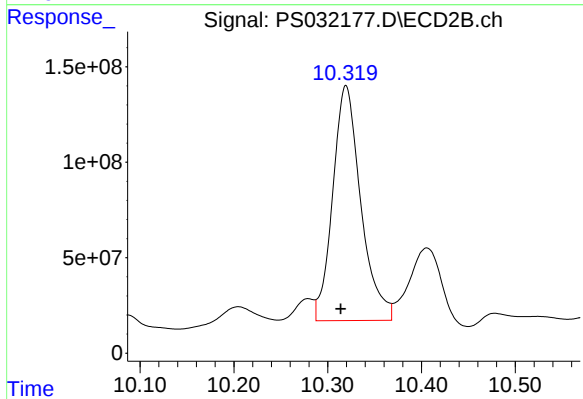
#11 2,4,5-TP (SILVEX)

R.T.: 9.884 min
Delta R.T.: 0.000 min
Response: 3936661077
Conc: 208.27 ng/ml m



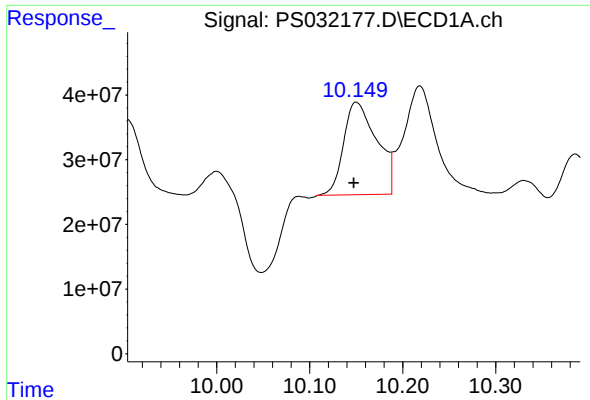
#12 2,4,5-T

R.T.: 9.571 min
Delta R.T.: 0.000 min
Response: 3348887014
Conc: 160.77 ng/ml m



#12 2,4,5-T

R.T.: 10.319 min
Delta R.T.: 0.005 min
Response: 2558707021
Conc: 158.66 ng/ml m



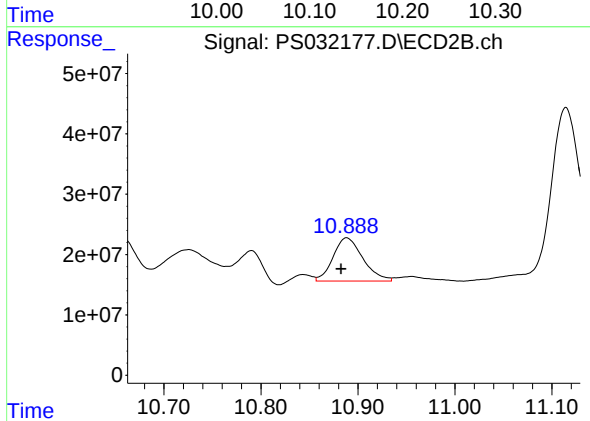
#13 2,4-DB

R.T.: 10.149 min
Delta R.T.: 0.002 min
Response: 355128008
Conc: 154.32 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-9MS

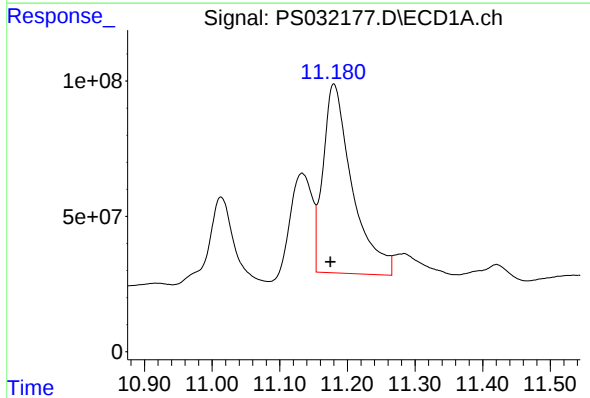
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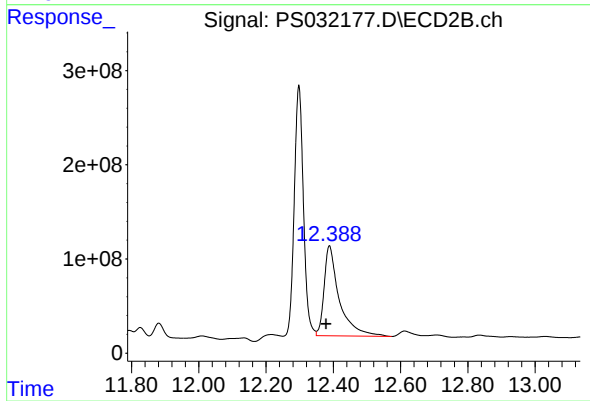
#13 2,4-DB

R.T.: 10.889 min
Delta R.T.: 0.006 min
Response: 153516744
Conc: 111.26 ng/ml



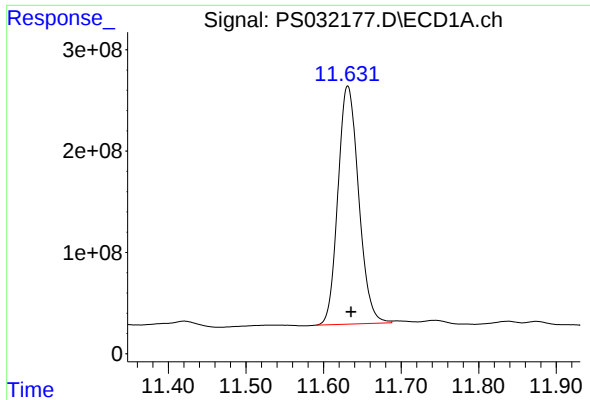
#15 Picloram

R.T.: 11.180 min
Delta R.T.: 0.005 min
Response: 2077978857
Conc: 110.34 ng/ml



#15 Picloram

R.T.: 12.389 min
Delta R.T.: 0.010 min
Response: 2985546735
Conc: 102.71 ng/ml



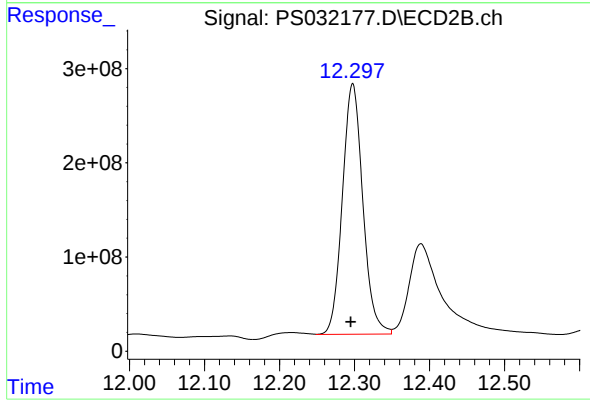
#16 DCPA

R.T.: 11.631 min
Delta R.T.: -0.004 min
Response: 4358673473
Conc: 136.04 ng/ml

Instrument :
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ClientSampleId :
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#16 DCPA

R.T.: 12.297 min
Delta R.T.: 0.002 min
Response: 5045450555
Conc: 162.03 ng/ml m