

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS070825\
 Data File : PS030949.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Jul 2025 13:07
 Operator : AR\AJ
 Sample : Q2458-01MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 TP-76MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/09/2025
 Supervised By :mohammad ahmed 07/10/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 09 01:36:36 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS061825.M
 Quant Title : 8080.M
 QLast Update : Thu Jun 19 05:11:26 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	7.336	7.771	1252.9E6	402.1E6	340.978	375.151
Target Compounds							
1) T	Dalapon	2.697	2.703	676.3E6	580.4E6	113.359m	211.705m#
2) T	3,5-DICHL...	6.498	6.715	1345.2E6	423.0E6	250.142	262.203m
3) T	4-Nitroph...	7.141	7.323	72758216	236.0E6	46.144	136.166 #
5) T	DICAMBA	7.527	7.972	3606.5E6	1515.6E6	237.034	231.278m
6) T	MCPD	7.705	8.070	176.2E6	53704077	18.764m	25.606m#
7) T	MCPA	7.856	8.314	255.6E6	71591385	21.793	22.758
8) T	DICHLORPROP	8.240	8.691	976.5E6	442.2E6	260.702	281.206m
9) T	2,4-D	8.472	9.028	1293.2E6	437.1E6	375.442	257.231m#
10) T	Pentachlo...	8.779	9.553	13614.7E6	9513.9E6	257.243	249.564
11) T	2,4,5-TP ...	9.360	9.934	5205.9E6	3825.9E6	259.900	265.158m
12) T	2,4,5-T	9.654	10.361	4477.3E6	3391.8E6	272.125	248.215m
13) T	2,4-DB	10.233	10.928	607.0E6	274.4E6	264.642m	231.987m
15) T	Picloram	11.259	12.424	4623.4E6	5026.6E6	287.594m	216.277
16) T	DCPA	11.743	12.359	5532.3E6	5552.7E6	215.966	251.904m

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

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Acq On : 08 Jul 2025 13:07
Operator : AR\AJ
Sample : Q2458-01MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

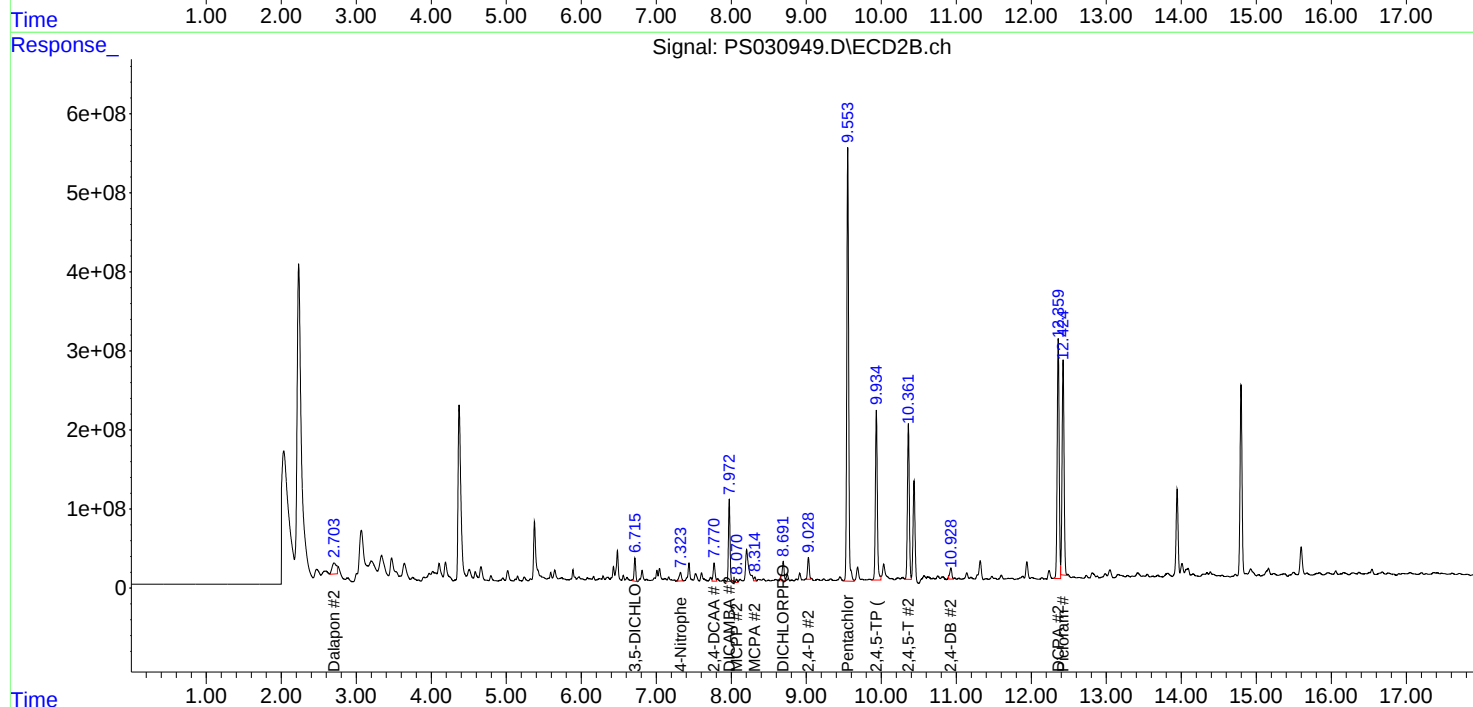
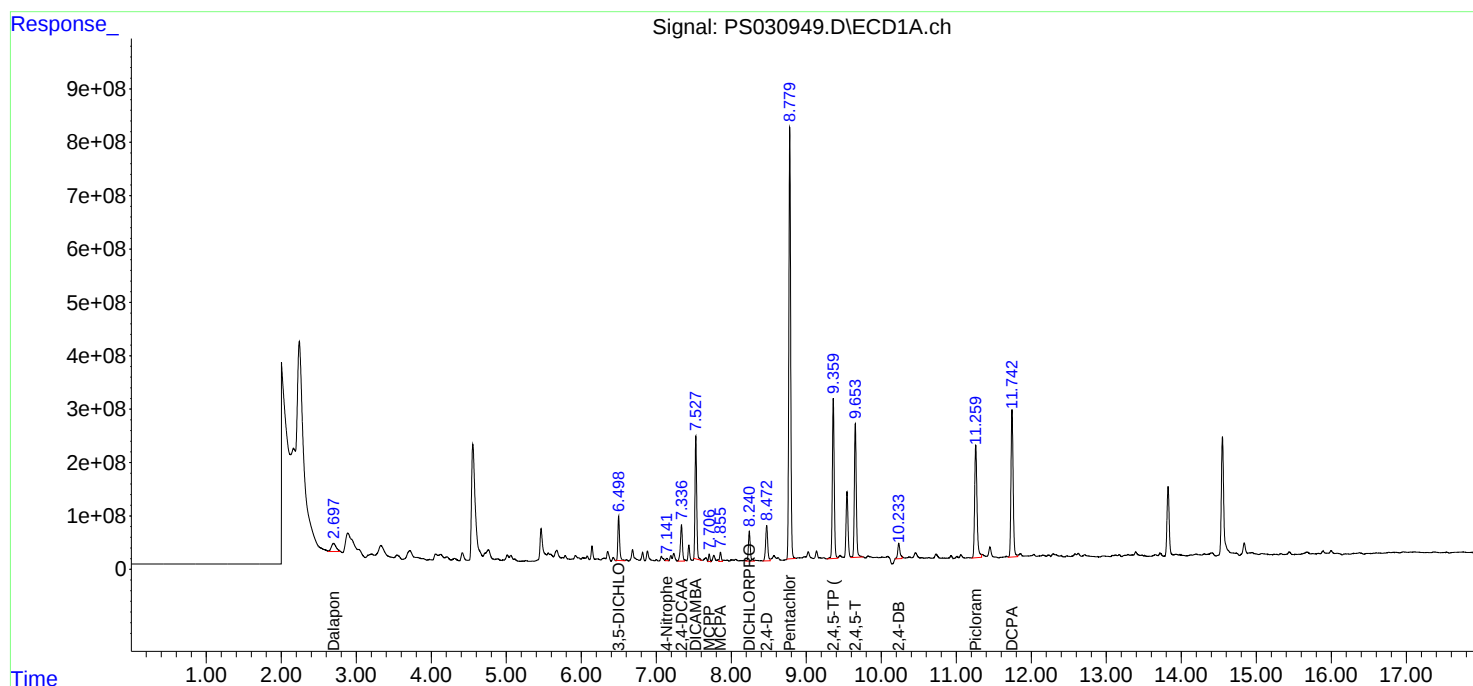
Instrument :
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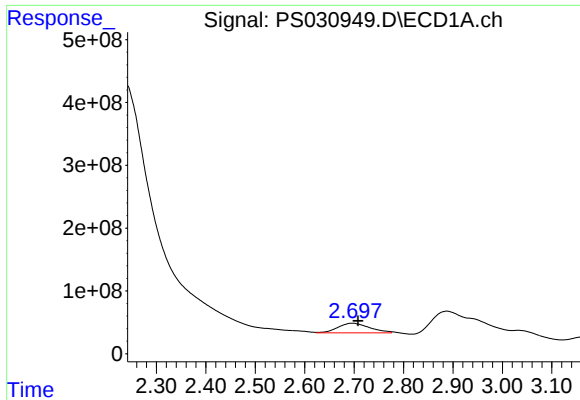
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS061825.M
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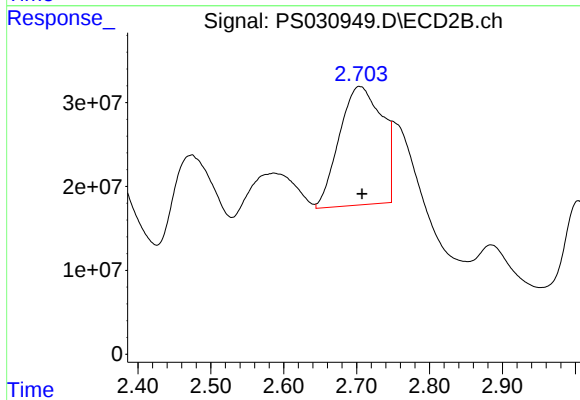
#1 Dalapon

R.T.: 2.697 min
Delta R.T.: -0.011 min
Response: 676255253
Conc: 113.36 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-76MS

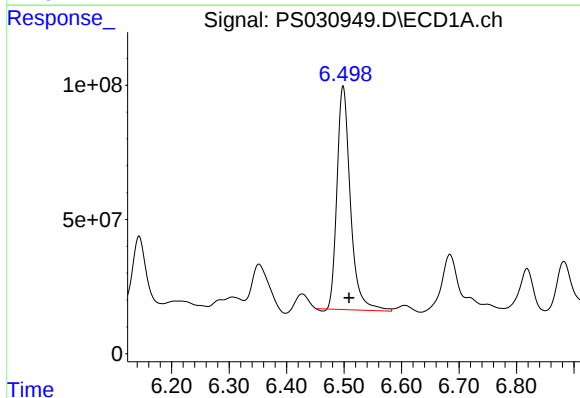
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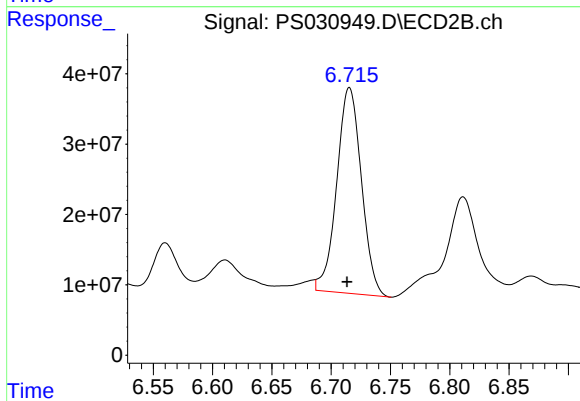
#1 Dalapon

R.T.: 2.703 min
Delta R.T.: -0.005 min
Response: 580440388
Conc: 211.70 ng/ml m



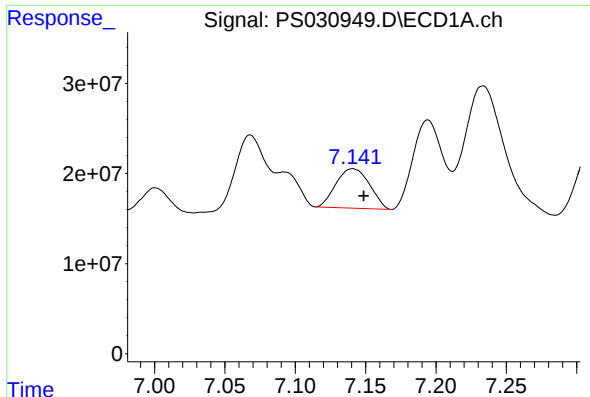
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.498 min
Delta R.T.: -0.010 min
Response: 1345150488
Conc: 250.14 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.715 min
Delta R.T.: 0.002 min
Response: 422973194
Conc: 262.20 ng/ml m



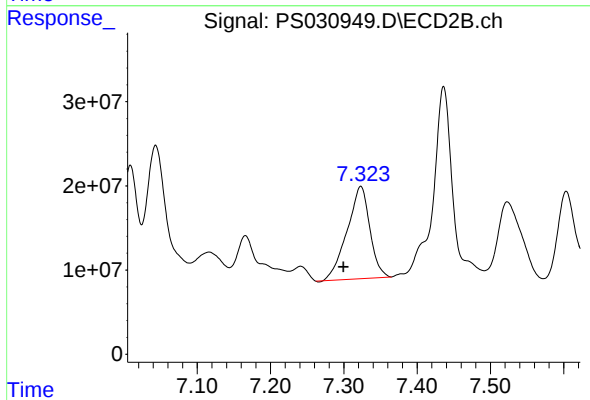
#3 4-Nitrophenol

R.T.: 7.141 min
Delta R.T.: -0.008 min
Response: 72758216
Conc: 46.14 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-76MS

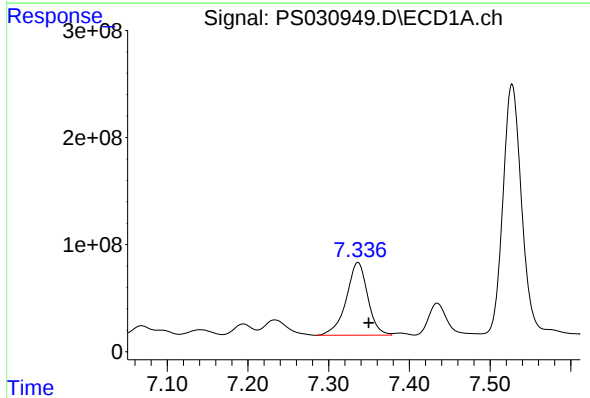
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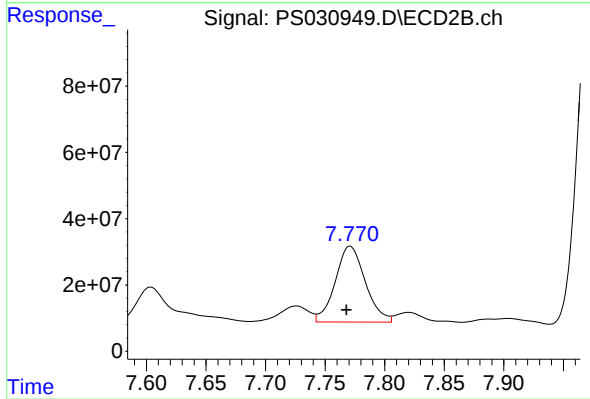
#3 4-Nitrophenol

R.T.: 7.323 min
Delta R.T.: 0.024 min
Response: 236048998
Conc: 136.17 ng/ml



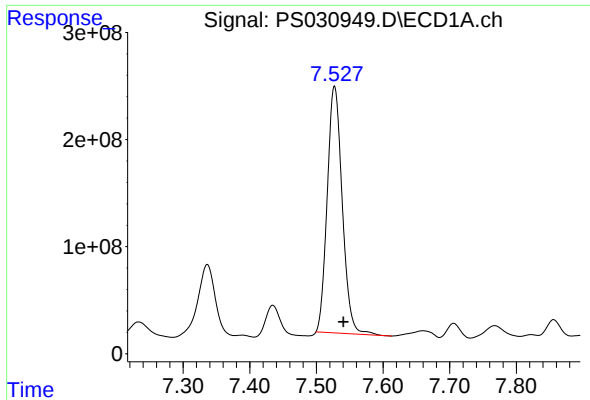
#4 2,4-DCAA

R.T.: 7.336 min
Delta R.T.: -0.013 min
Response: 1252886612
Conc: 340.98 ng/ml



#4 2,4-DCAA

R.T.: 7.771 min
Delta R.T.: 0.003 min
Response: 402148063
Conc: 375.15 ng/ml



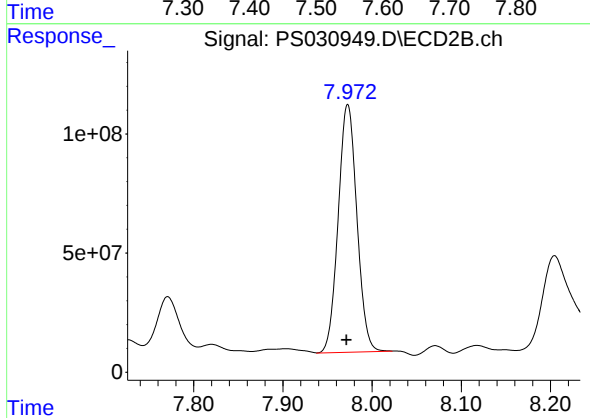
#5 DICAMBA

R.T.: 7.527 min
Delta R.T.: -0.013 min
Response: 3606492992
Conc: 237.03 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-76MS

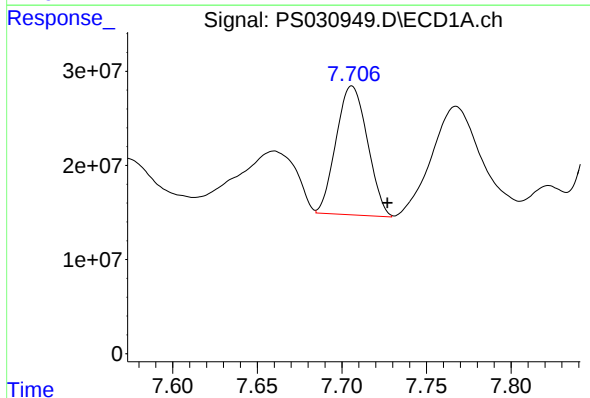
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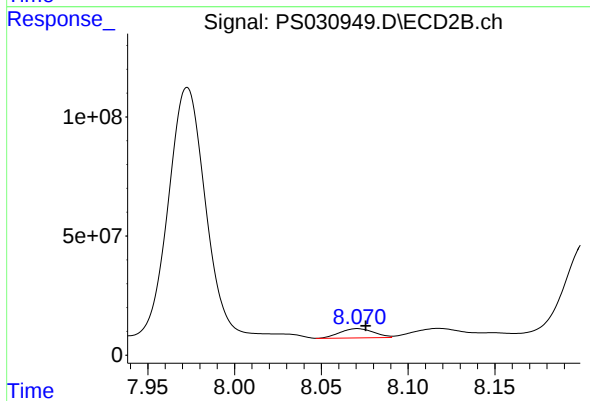
#5 DICAMBA

R.T.: 7.972 min
Delta R.T.: 0.001 min
Response: 1515615705
Conc: 231.28 ng/ml m



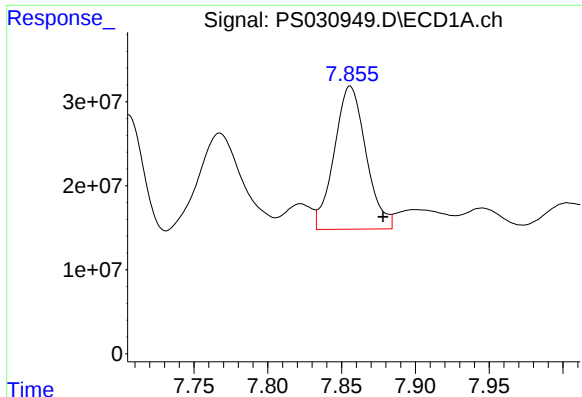
#6 MCPP

R.T.: 7.705 min
Delta R.T.: -0.021 min
Response: 176163905
Conc: 18.76 ug/ml m



#6 MCPP

R.T.: 8.070 min
Delta R.T.: -0.005 min
Response: 53704077
Conc: 25.61 ug/ml m



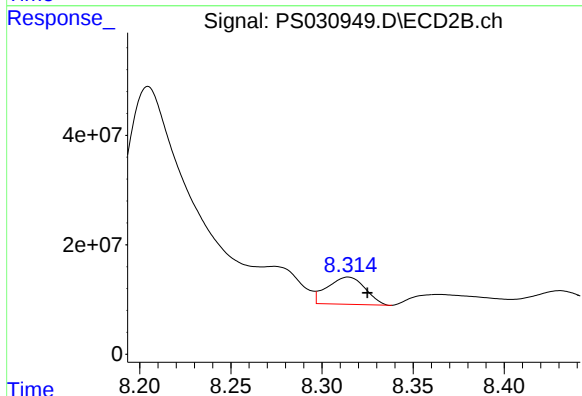
#7 MCPA

R.T.: 7.856 min
Delta R.T.: -0.022 min
Response: 255641321
Conc: 21.79 ug/ml

Instrument :
ECD_S
ClientSampleId :
TP-76MS

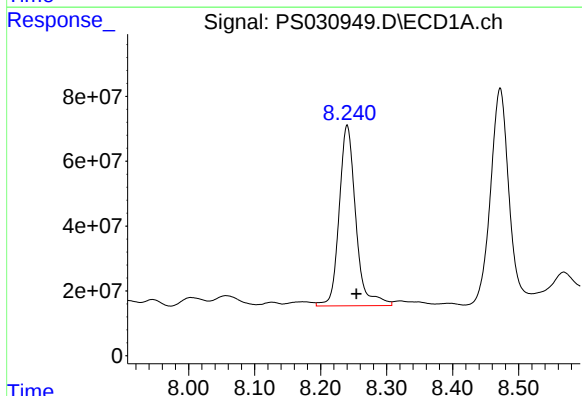
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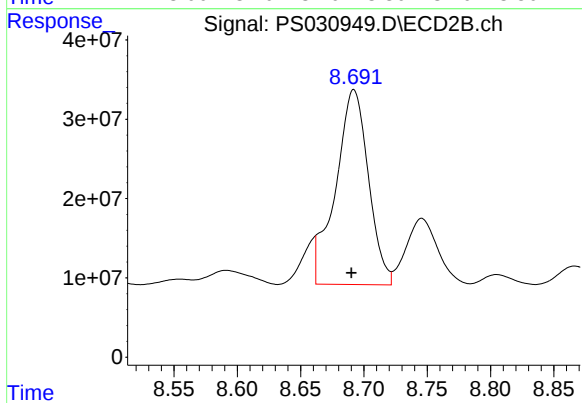
#7 MCPA

R.T.: 8.314 min
Delta R.T.: -0.011 min
Response: 71591385
Conc: 22.76 ug/ml



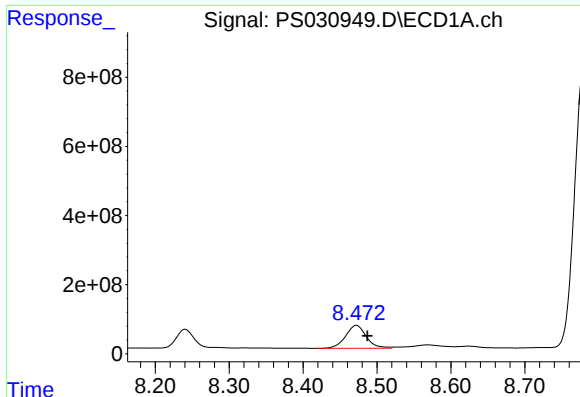
#8 DICHLORPROP

R.T.: 8.240 min
Delta R.T.: -0.014 min
Response: 976527697
Conc: 260.70 ng/ml



#8 DICHLORPROP

R.T.: 8.691 min
Delta R.T.: 0.001 min
Response: 442195151
Conc: 281.21 ng/ml m



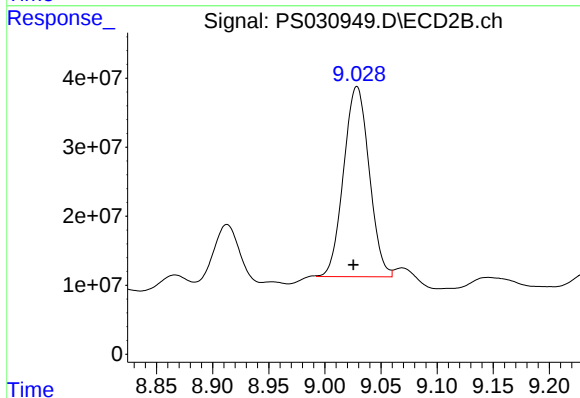
#9 2,4-D

R.T.: 8.472 min
Delta R.T.: -0.015 min
Response: 1293178585
Conc: 375.44 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-76MS

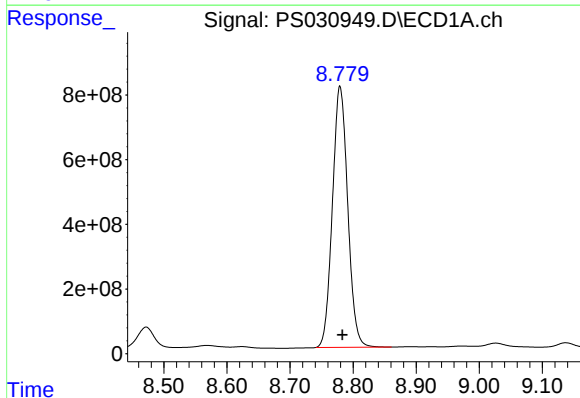
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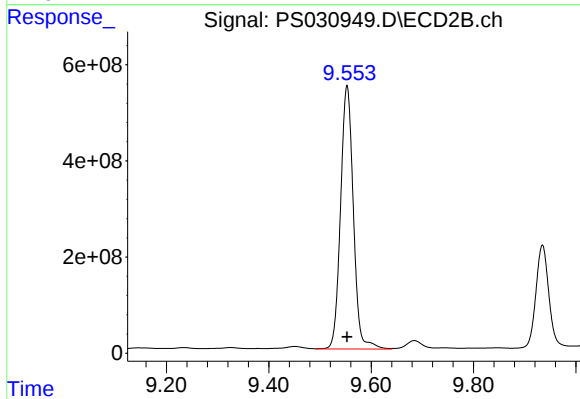
#9 2,4-D

R.T.: 9.028 min
Delta R.T.: 0.003 min
Response: 437140057
Conc: 257.23 ng/ml m



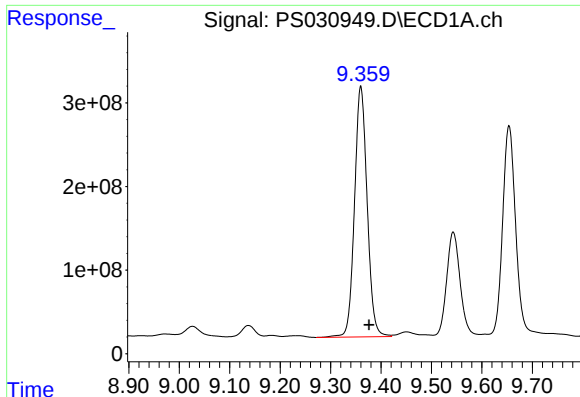
#10 Pentachlorophenol

R.T.: 8.779 min
Delta R.T.: -0.003 min
Response: 13614700917
Conc: 257.24 ng/ml



#10 Pentachlorophenol

R.T.: 9.553 min
Delta R.T.: 0.000 min
Response: 9513887302
Conc: 249.56 ng/ml



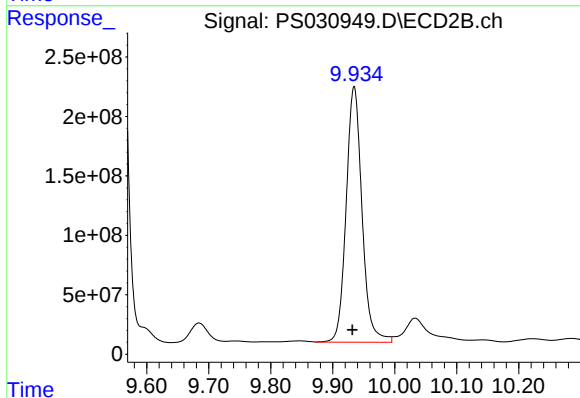
#11 2,4,5-TP (SILVEX)

R.T.: 9.360 min
Delta R.T.: -0.017 min
Response: 5205901791
Conc: 259.90 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-76MS

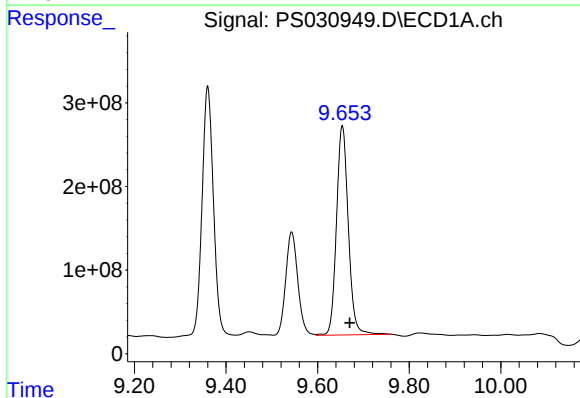
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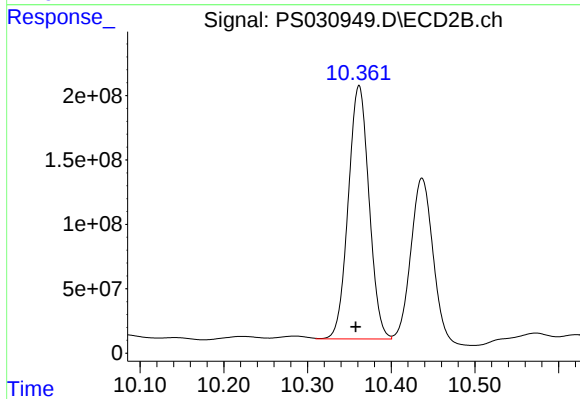
#11 2,4,5-TP (SILVEX)

R.T.: 9.934 min
Delta R.T.: 0.003 min
Response: 3825879214
Conc: 265.16 ng/ml m



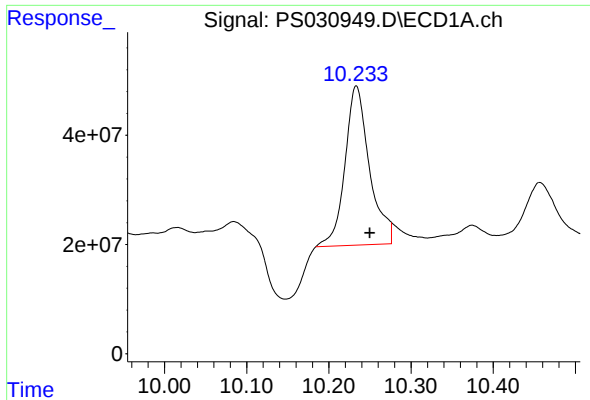
#12 2,4,5-T

R.T.: 9.654 min
Delta R.T.: -0.016 min
Response: 4477308900
Conc: 272.12 ng/ml



#12 2,4,5-T

R.T.: 10.361 min
Delta R.T.: 0.003 min
Response: 3391760390
Conc: 248.21 ng/ml m



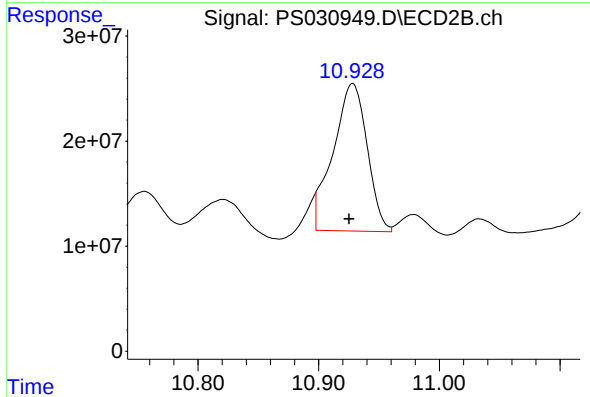
#13 2,4-DB

R.T.: 10.233 min
Delta R.T.: -0.017 min
Response: 606955994
Conc: 264.64 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-76MS

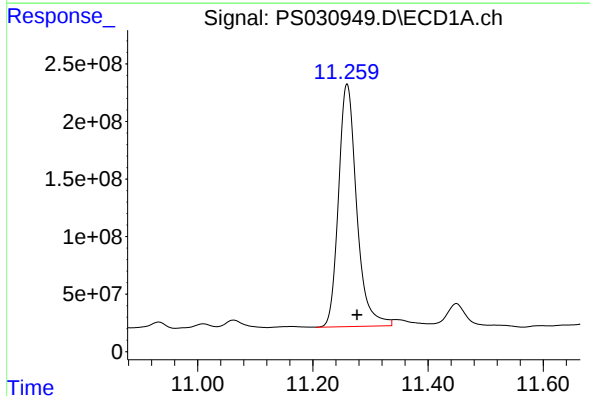
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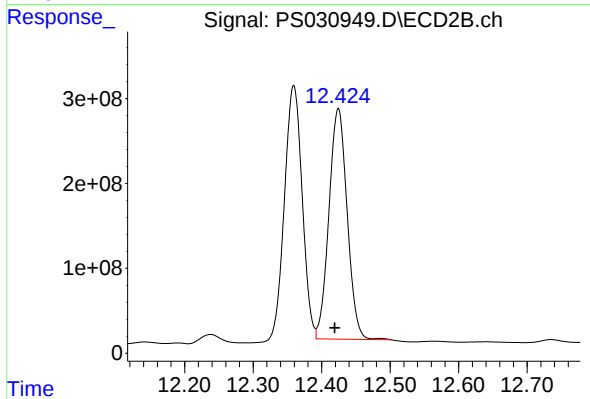
#13 2,4-DB

R.T.: 10.928 min
Delta R.T.: 0.003 min
Response: 274417860
Conc: 231.99 ng/ml m



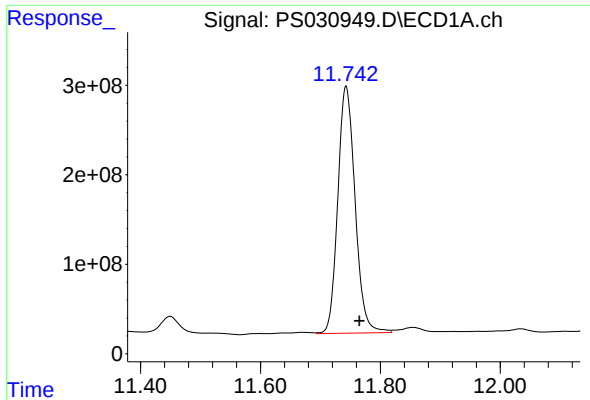
#15 Picloram

R.T.: 11.259 min
Delta R.T.: -0.017 min
Response: 4623398565
Conc: 287.59 ng/ml m



#15 Picloram

R.T.: 12.424 min
Delta R.T.: 0.005 min
Response: 5026578539
Conc: 216.28 ng/ml



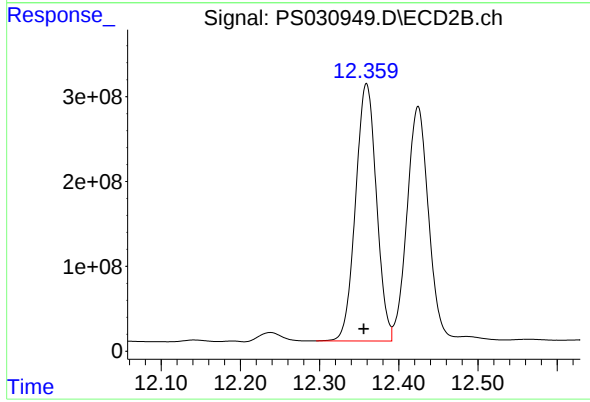
#16 DCPA

R.T.: 11.743 min
Delta R.T.: -0.022 min
Response: 5532251209
Conc: 215.97 ng/ml

Instrument :
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#16 DCPA

R.T.: 12.359 min
Delta R.T.: 0.003 min
Response: 5552671782
Conc: 251.90 ng/ml m