

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS102325\
 Data File : PS032141.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Oct 2025 13:47
 Operator : AR\AJ
 Sample : Q3412-01MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 TP-6MS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 10/24/2025
 Supervised By : mohammad ahmed 10/28/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 24 04:40:11 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS101325.M
 Quant Title : 8080.M
 QLast Update : Mon Oct 13 12:51:14 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	7.277	7.744	706.9E6	174.8E6	148.300m	158.838m
Target Compounds							
1) T	Dalapon	2.628f	2.679	563.4E6	889.6E6	72.905m	236.691m#
2) T	3,5-DICHL...	6.449	6.701	385.8E6	111.9E6	54.806	53.656
5) T	DICAMBA	7.462	7.938	1466.5E6	603.1E6	70.026	69.633m
7) T	MCPA	7.784	8.280	50381827	6368853	3.424	1.688 #
8) T	DICHLORPROP	8.172	8.659	276.4E6	104.4E6	58.129	53.317m
9) T	2,4-D	8.385	9.007	2722.3E6	109.1E6	560.613m	52.509m#
10) T	Pentachlo...	8.699	9.507	2740.8E6	1611.8E6	40.834	31.101m
11) T	2,4,5-TP ...	9.278	9.882	1181.9E6	2103.8E6	41.850	104.799m#
12) T	2,4,5-T	9.578	10.329	1168.6E6	1005.2E6	46.291	58.632 #
13) T	2,4-DB	10.173	10.906	102.1E6	82081375	32.930m	63.526 #
14) T	DINOSEB	11.308f	11.277	688.0E6	401.5E6	30.849	26.410m
15) T	Picloram	11.184	12.391	2289.1E6	2578.8E6	97.085	77.459
16) T	DCPA	11.640	12.304	4623.8E6	4734.5E6	125.852	142.554m

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

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Acq On : 23 Oct 2025 13:47
Operator : AR\AJ
Sample : Q3412-01MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

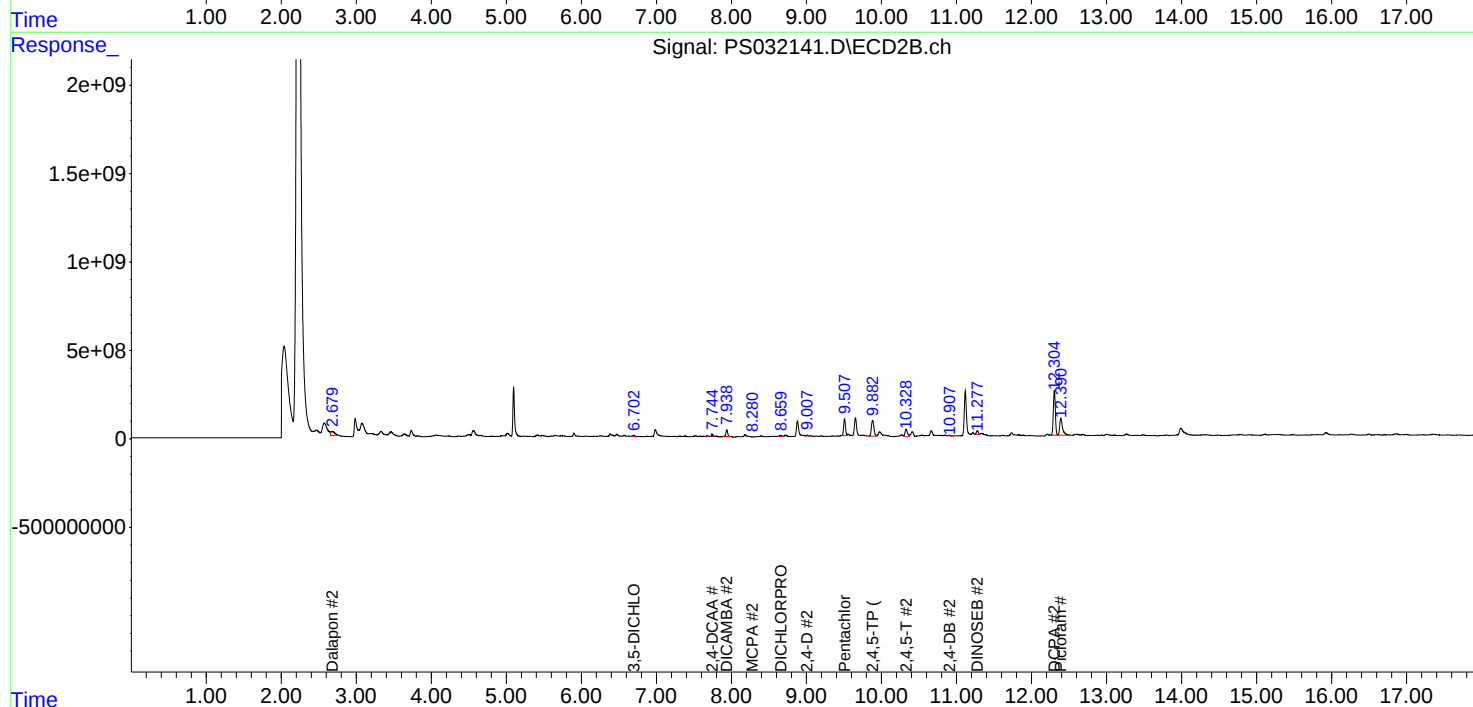
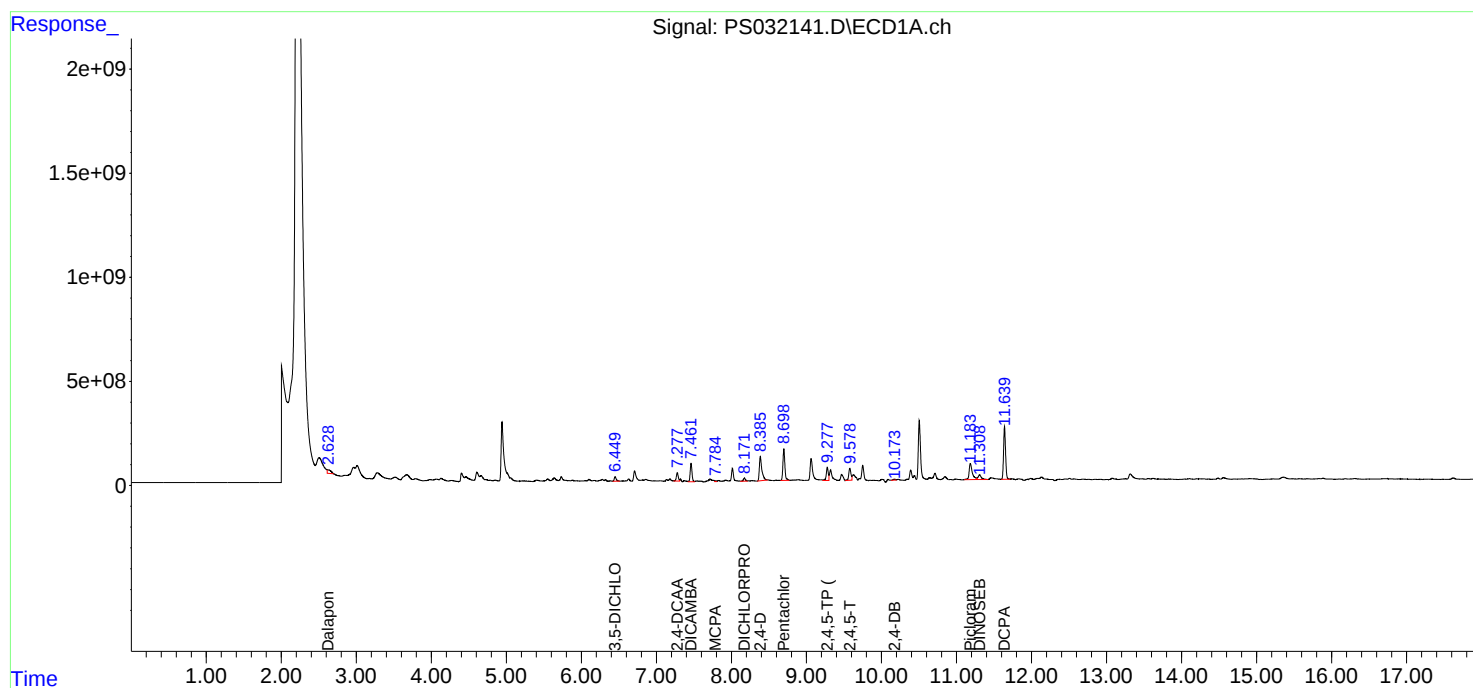
Instrument :
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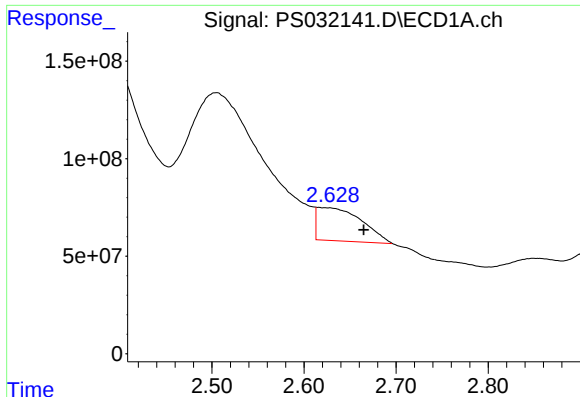
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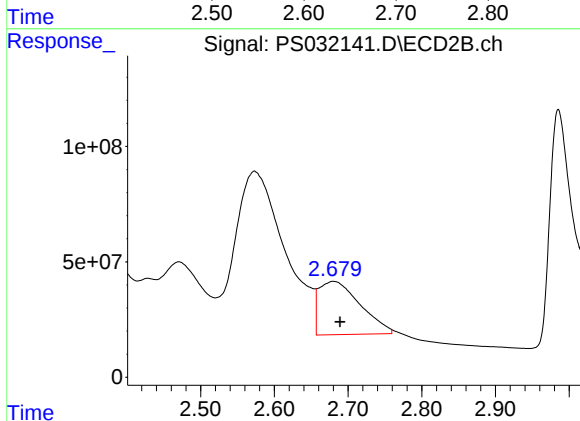
#1 Dalapon

R.T.: 2.628 min
Delta R.T.: -0.037 min
Response: 563378405
Conc: 72.91 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-6MS

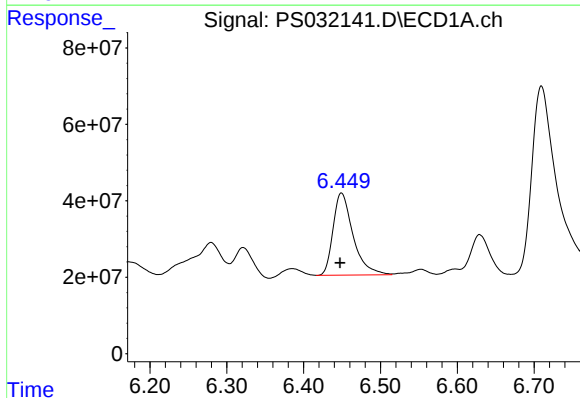
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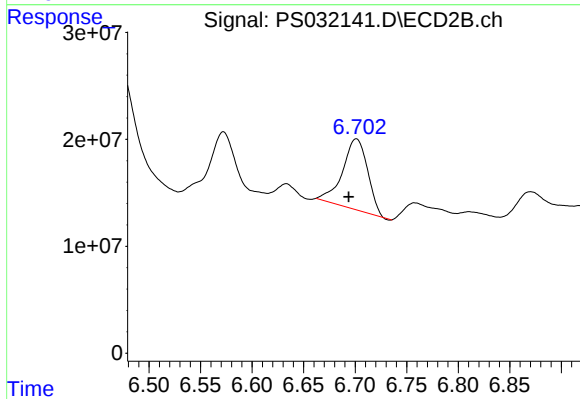
#1 Dalapon

R.T.: 2.679 min
Delta R.T.: -0.010 min
Response: 889550006
Conc: 236.69 ng/ml m



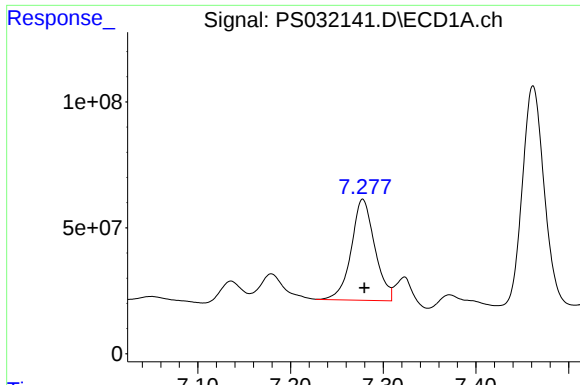
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.449 min
Delta R.T.: 0.002 min
Response: 385769789
Conc: 54.81 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.701 min
Delta R.T.: 0.007 min
Response: 111919979
Conc: 53.66 ng/ml



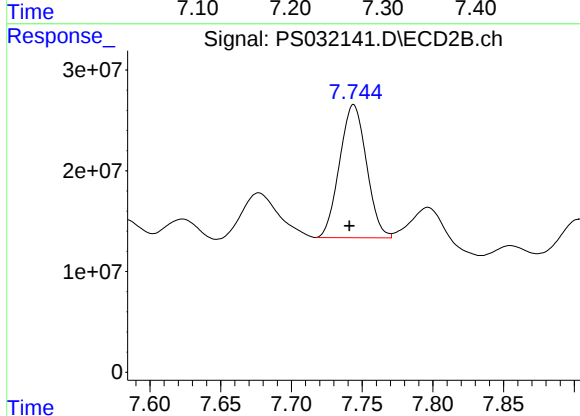
#4 2,4-DCAA

R.T.: 7.277 min
Delta R.T.: -0.002 min
Response: 706949982
Conc: 148.30 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-6MS

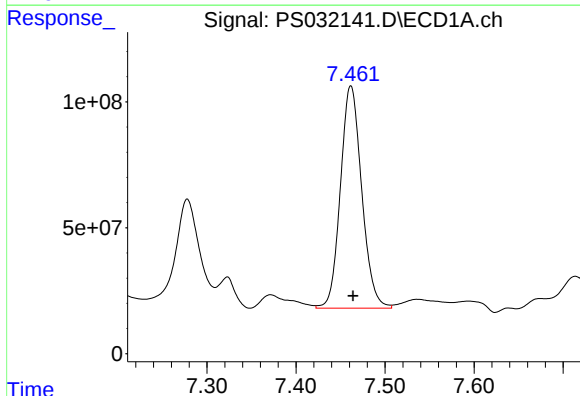
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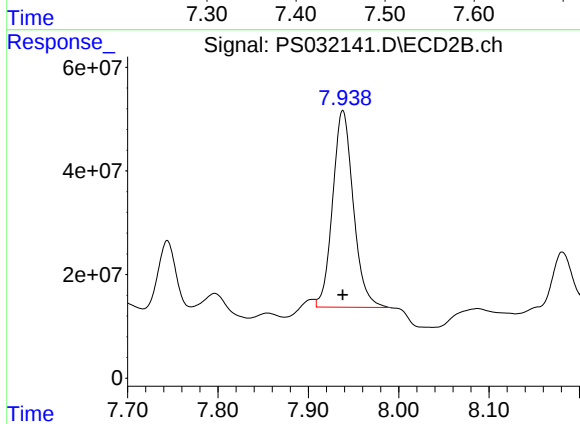
#4 2,4-DCAA

R.T.: 7.744 min
Delta R.T.: 0.002 min
Response: 174776351
Conc: 158.84 ng/ml m



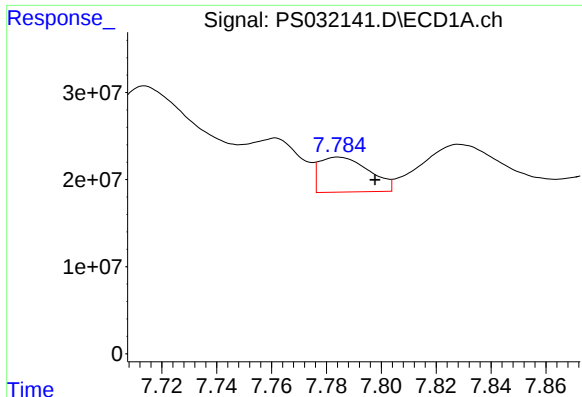
#5 DICAMBA

R.T.: 7.462 min
Delta R.T.: -0.002 min
Response: 1466510264
Conc: 70.03 ng/ml



#5 DICAMBA

R.T.: 7.938 min
Delta R.T.: 0.000 min
Response: 603082508
Conc: 69.63 ng/ml m



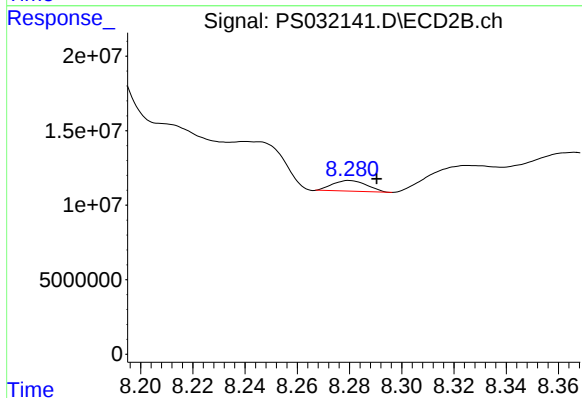
#7 MCPA

R.T.: 7.784 min
Delta R.T.: -0.013 min
Response: 50381827
Conc: 3.42 ug/ml

Instrument :
ECD_S
ClientSampleId :
TP-6MS

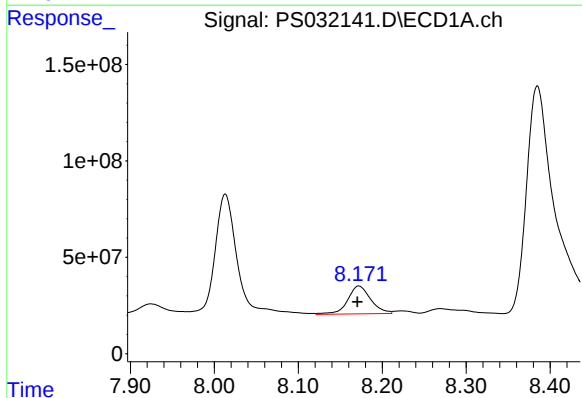
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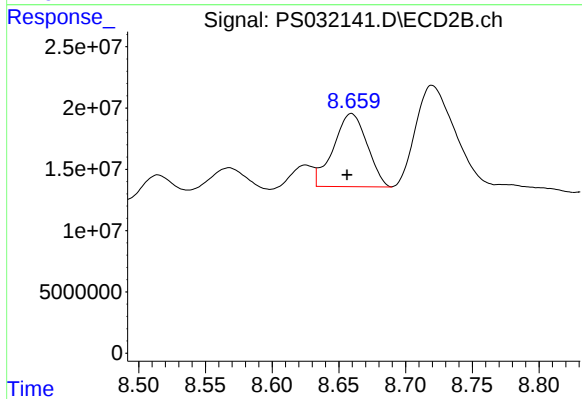
#7 MCPA

R.T.: 8.280 min
Delta R.T.: -0.010 min
Response: 6368853
Conc: 1.69 ug/ml



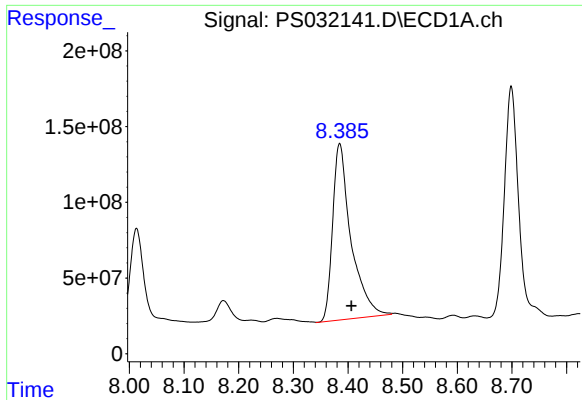
#8 DICHLORPROP

R.T.: 8.172 min
Delta R.T.: 0.002 min
Response: 276354325
Conc: 58.13 ng/ml



#8 DICHLORPROP

R.T.: 8.659 min
Delta R.T.: 0.003 min
Response: 104408176
Conc: 53.32 ng/ml m



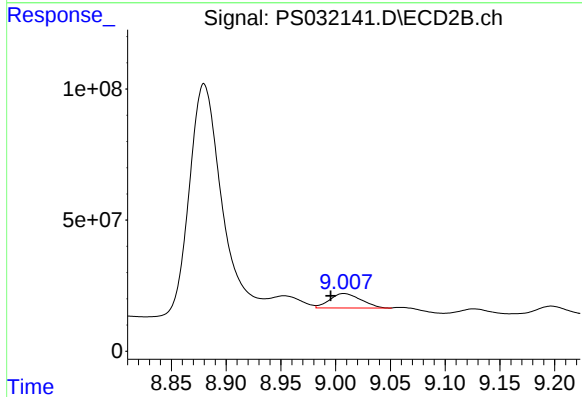
#9 2,4-D

R.T.: 8.385 min
Delta R.T.: -0.022 min
Response: 2722266510
Conc: 560.61 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-6MS

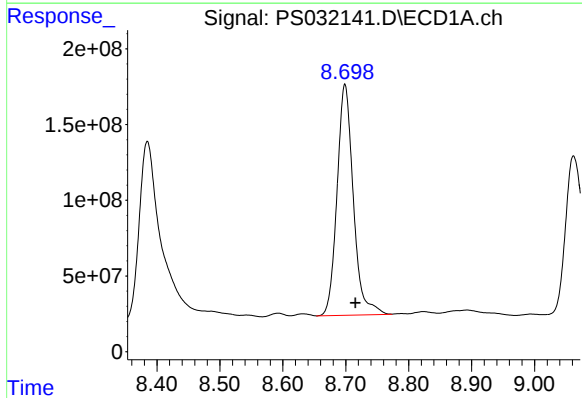
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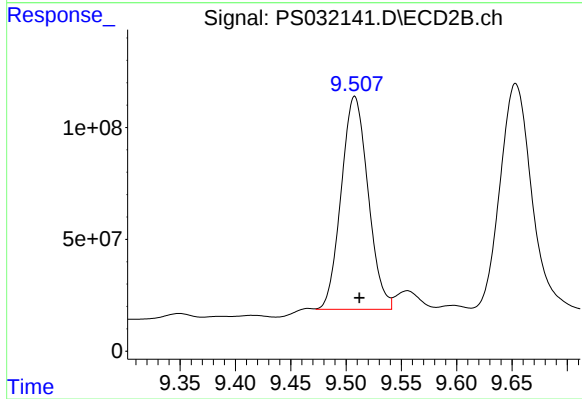
#9 2,4-D

R.T.: 9.007 min
Delta R.T.: 0.012 min
Response: 109130194
Conc: 52.51 ng/ml m



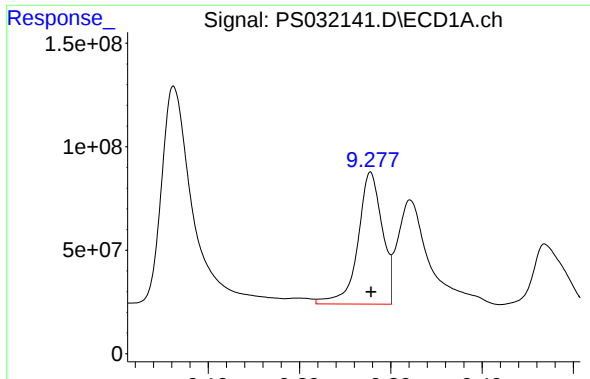
#10 Pentachlorophenol

R.T.: 8.699 min
Delta R.T.: -0.017 min
Response: 2740755527
Conc: 40.83 ng/ml



#10 Pentachlorophenol

R.T.: 9.507 min
Delta R.T.: -0.005 min
Response: 1611796747
Conc: 31.10 ng/ml m



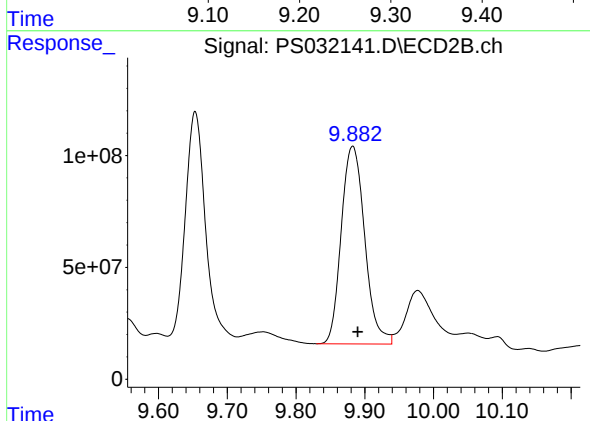
#11 2,4,5-TP (SILVEX)

R.T.: 9.278 min
Delta R.T.: 0.000 min
Response: 1181934093
Conc: 41.85 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-6MS

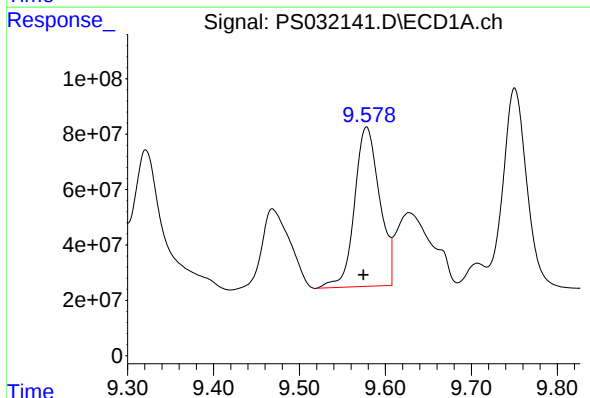
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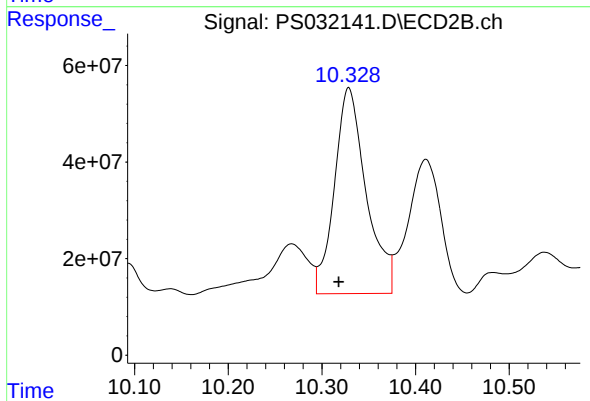
#11 2,4,5-TP (SILVEX)

R.T.: 9.882 min
Delta R.T.: -0.008 min
Response: 2103833182
Conc: 104.80 ng/ml m



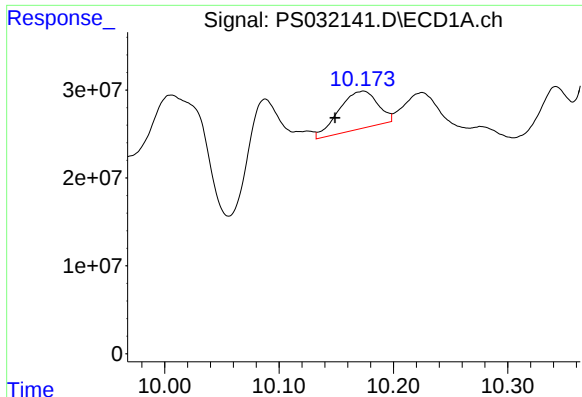
#12 2,4,5-T

R.T.: 9.578 min
Delta R.T.: 0.004 min
Response: 1168572269
Conc: 46.29 ng/ml



#12 2,4,5-T

R.T.: 10.329 min
Delta R.T.: 0.011 min
Response: 1005223670
Conc: 58.63 ng/ml



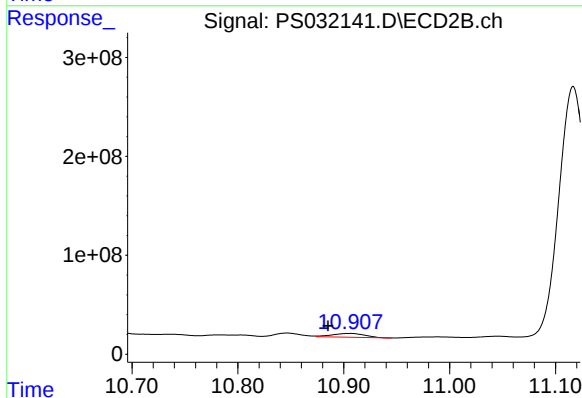
#13 2,4-DB

R.T.: 10.173 min
Delta R.T.: 0.024 min
Response: 102093866
Conc: 32.93 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-6MS

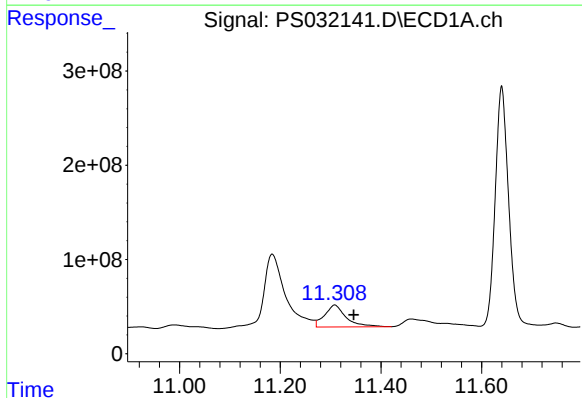
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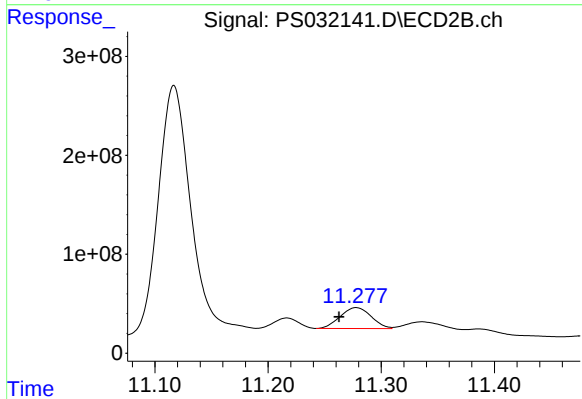
#13 2,4-DB

R.T.: 10.906 min
Delta R.T.: 0.020 min
Response: 82081375
Conc: 63.53 ng/ml



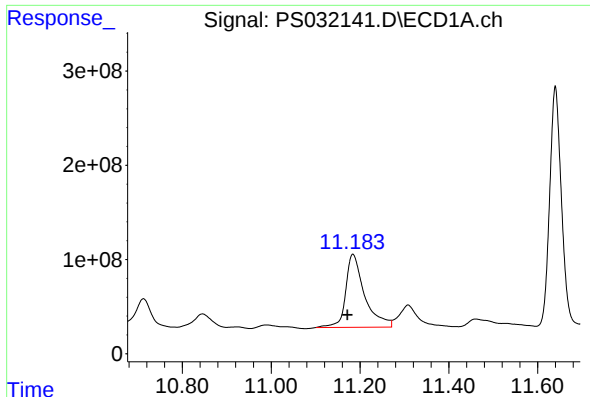
#14 DINOSEB

R.T.: 11.308 min
Delta R.T.: -0.038 min
Response: 687962646
Conc: 30.85 ng/ml



#14 DINOSEB

R.T.: 11.277 min
Delta R.T.: 0.014 min
Response: 401507579
Conc: 26.41 ng/ml m



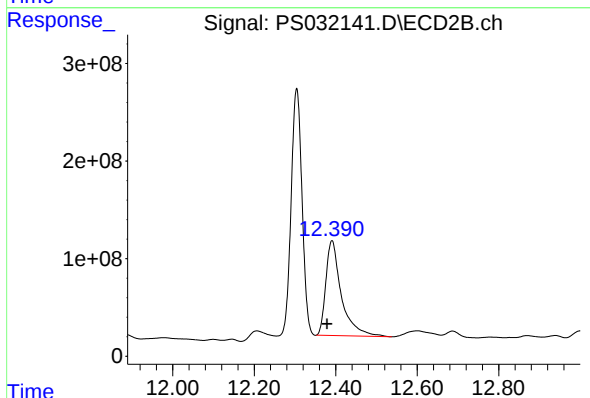
#15 Picloram

R.T.: 11.184 min
Delta R.T.: 0.012 min
Response: 2289054464
Conc: 97.08 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-6MS

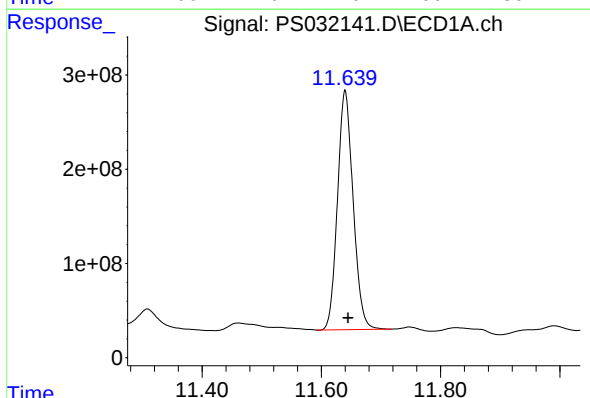
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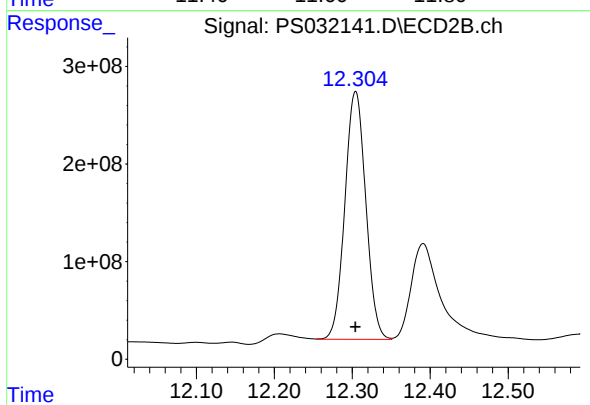
#15 Picloram

R.T.: 12.391 min
Delta R.T.: 0.012 min
Response: 2578764930
Conc: 77.46 ng/ml



#16 DCPA

R.T.: 11.640 min
Delta R.T.: -0.005 min
Response: 4623821665
Conc: 125.85 ng/ml



#16 DCPA

R.T.: 12.304 min
Delta R.T.: 0.000 min
Response: 4734450355
Conc: 142.55 ng/ml m