

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS102425\
 Data File : PS032158.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Oct 2025 17:04
 Operator : AR\AJ
 Sample : Q3412-01MSDRE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 TP-6MSDRE

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/27/2025
 Supervised By :mohammad ahmed 10/28/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 25 07:03:50 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	7.276	7.741	935.6E6	208.9E6	196.262	189.824m
Target Compounds							
1) T	Dalapon	2.612f	2.680	751.3E6	1098.3E6	97.224m	292.242m#
2) T	3,5-DICHL...	6.447	6.699	439.4E6	131.8E6	62.425	63.196
3) T	4-Nitroph...	7.048f	7.304	59431297	65003020	44.528m	42.838
5) T	DICAMBA	7.459	7.936	1528.4E6	755.0E6	72.980	87.172m
6) T	MCPD	7.637	8.030	23960571	2352070	1.959	<MDL m#
7) T	MCPA	7.784	8.280	82041681	10910833	5.575	2.892 #
8) T	DICHLORPROP	8.169	8.657	353.7E6	116.4E6	74.391	59.448
9) T	2,4-D	8.380	9.003	2663.7E6	136.3E6	548.544m	65.586m#
10) T	Pentachlo...	8.697	9.506	3381.1E6	2200.2E6	50.375	42.454m
11) T	2,4,5-TP ...	9.275	9.881	1379.2E6	2505.3E6	48.835	124.799 #
12) T	2,4,5-T	9.574	10.325	1431.1E6	1242.9E6	56.692	72.496 #
13) T	2,4-DB	10.165	10.903	116.7E6	107.8E6	37.626m	83.465 #
14) T	DINOSEB	11.303f	11.275	616.2E6	348.7E6	27.632	22.938m
15) T	Picloram	11.179	12.387	2275.6E6	2612.9E6	96.516	78.484
16) T	DCPA	11.636	12.302	3634.4E6	4010.5E6	98.921	120.755m

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

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Misc :
ALS Vial : 5 Sample Multiplier: 1

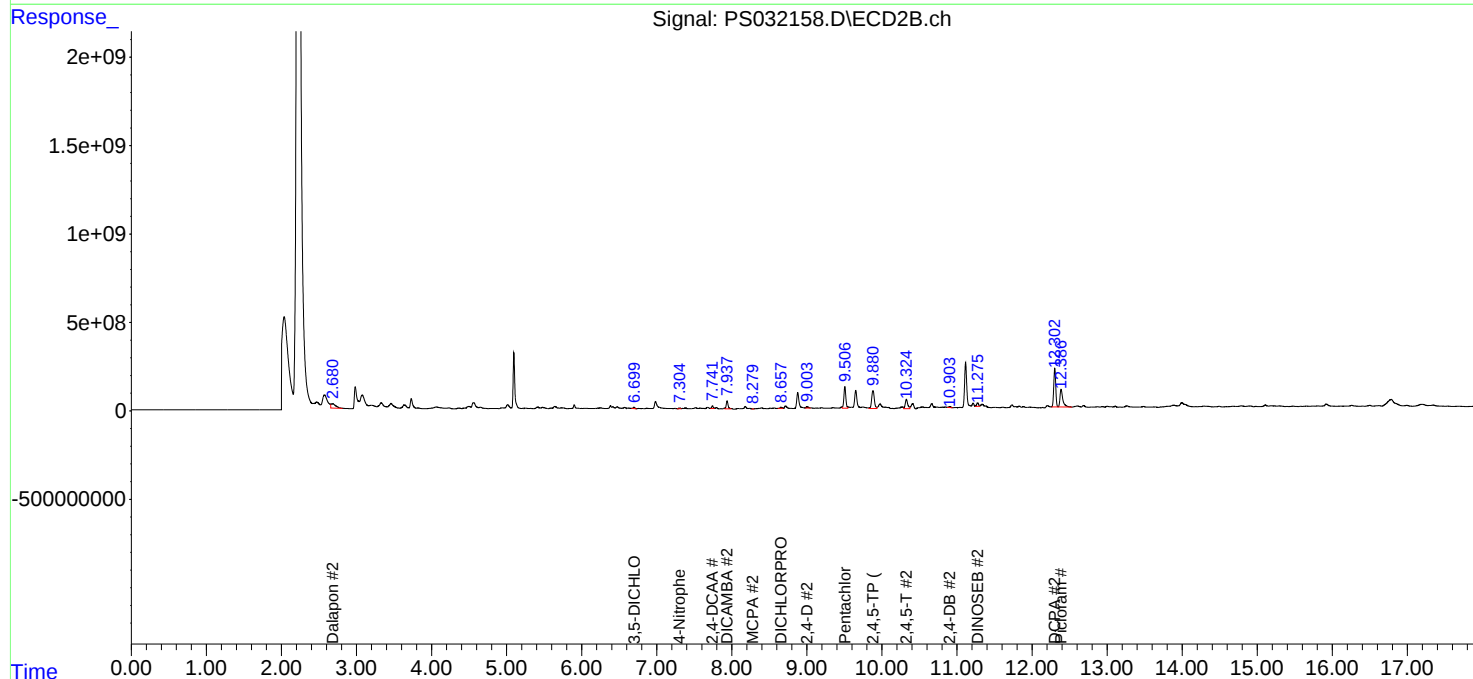
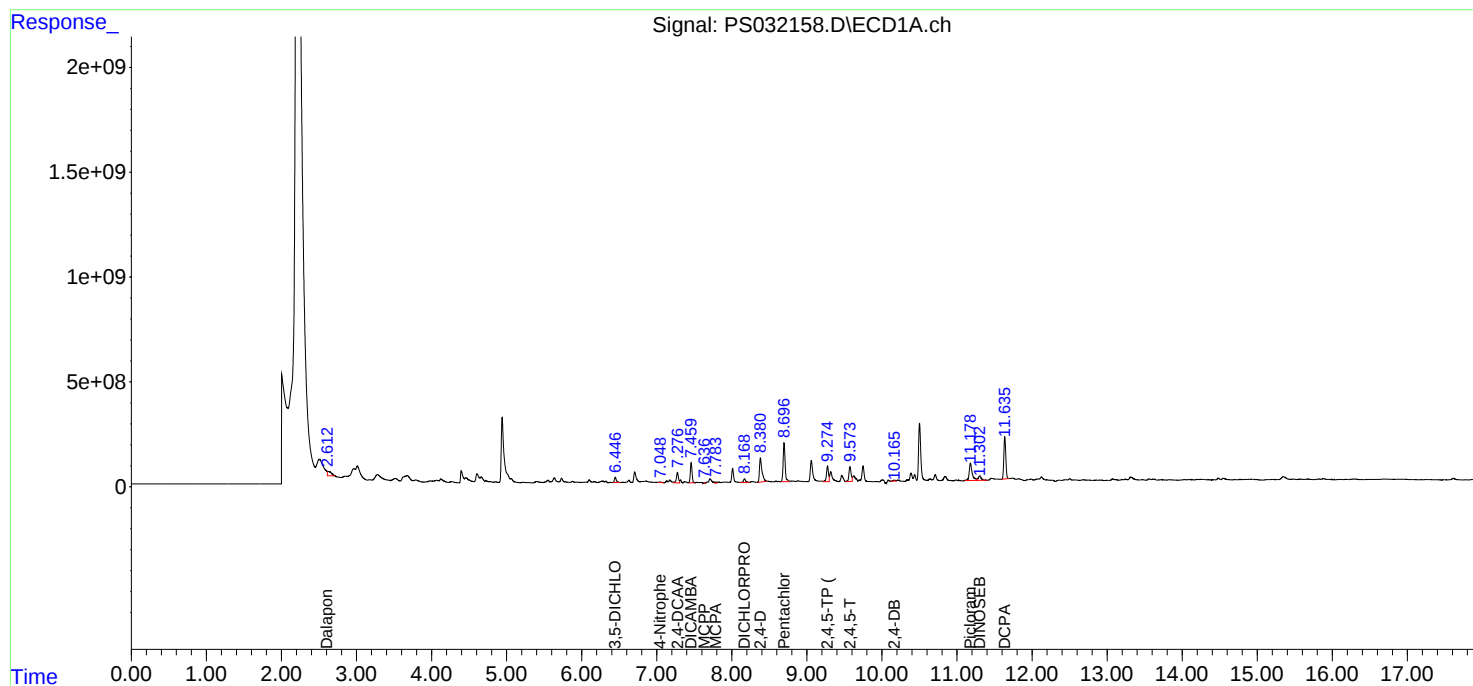
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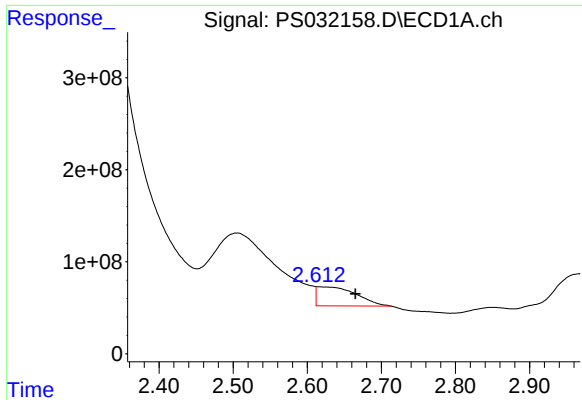
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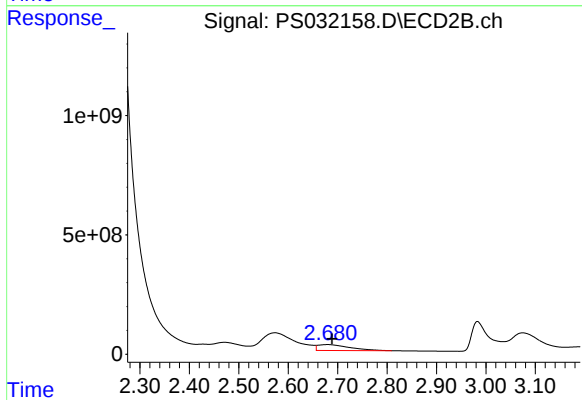
#1 Dalapon

R.T.: 2.612 min
Delta R.T.: -0.053 min
Response: 751304180
Conc: 97.22 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-6MSDRE

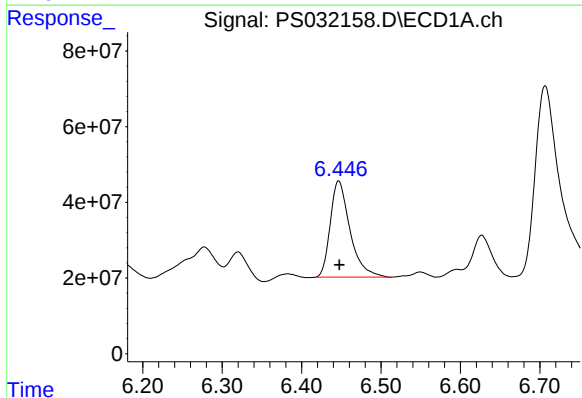
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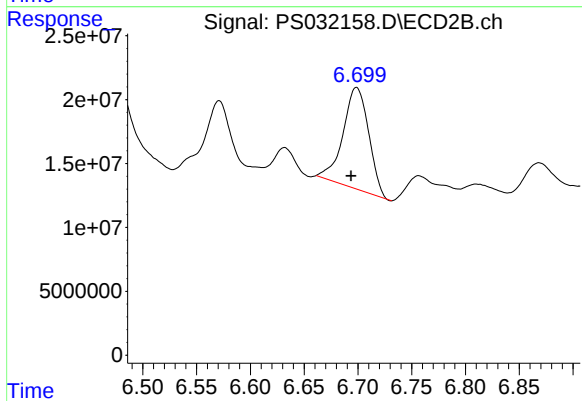
#1 Dalapon

R.T.: 2.680 min
Delta R.T.: -0.009 min
Response: 1098323922
Conc: 292.24 ng/ml m



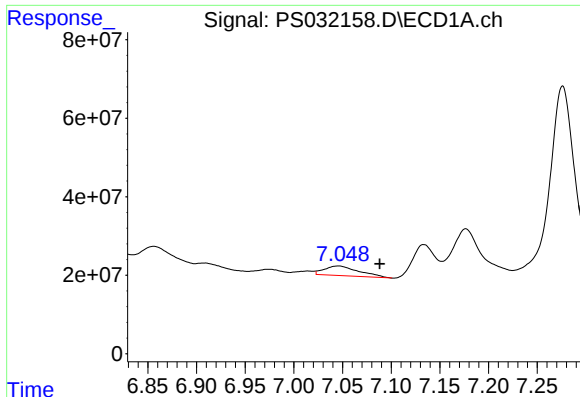
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.447 min
Delta R.T.: 0.000 min
Response: 439398690
Conc: 62.42 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.699 min
Delta R.T.: 0.005 min
Response: 131819268
Conc: 63.20 ng/ml



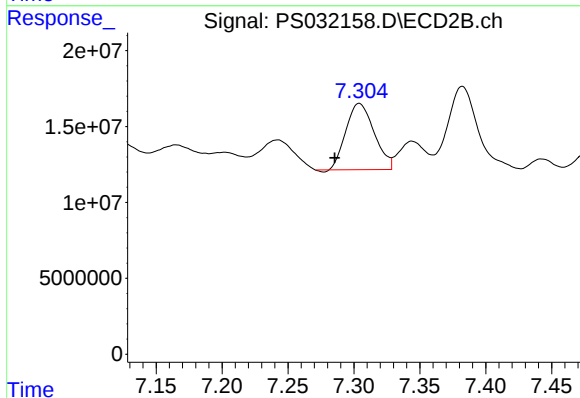
#3 4-Nitrophenol

R.T.: 7.048 min
Delta R.T.: -0.041 min
Response: 59431297
Conc: 44.53 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-6MSDRE

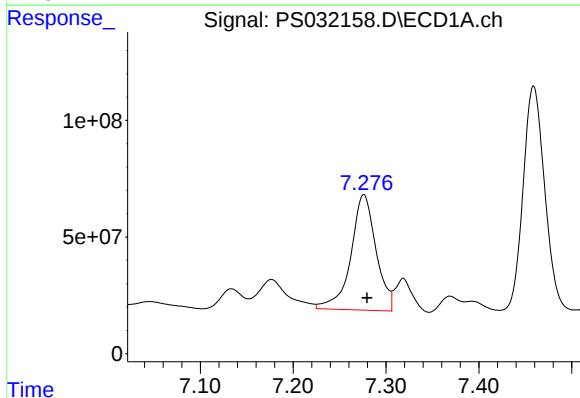
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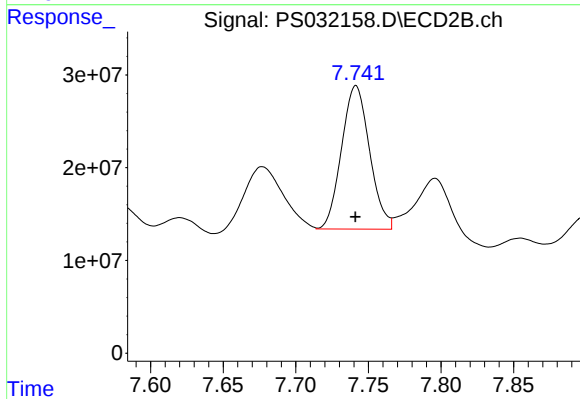
#3 4-Nitrophenol

R.T.: 7.304 min
Delta R.T.: 0.019 min
Response: 65003020
Conc: 42.84 ng/ml



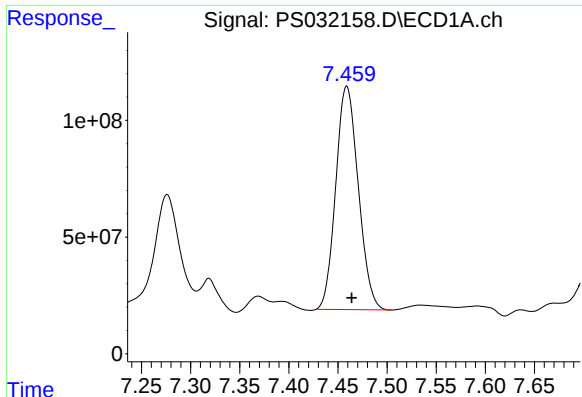
#4 2,4-DCAA

R.T.: 7.276 min
Delta R.T.: -0.004 min
Response: 935588189
Conc: 196.26 ng/ml



#4 2,4-DCAA

R.T.: 7.741 min
Delta R.T.: 0.000 min
Response: 208870838
Conc: 189.82 ng/ml m



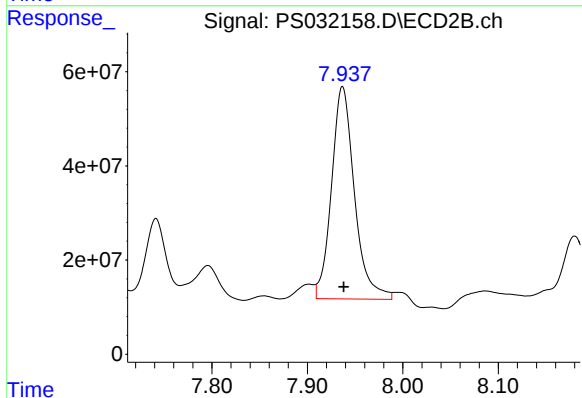
#5 DICAMBA

R.T.: 7.459 min
Delta R.T.: -0.005 min
Response: 1528367202
Conc: 72.98 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-6MSDRE

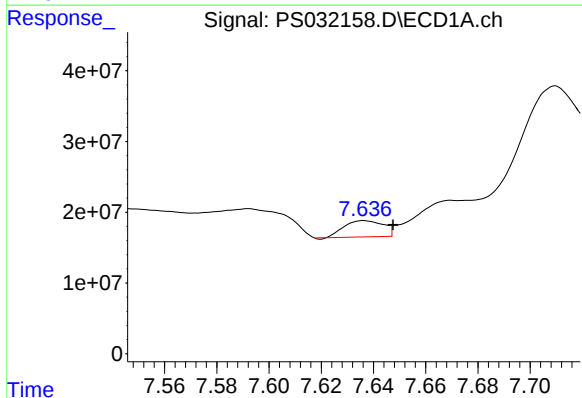
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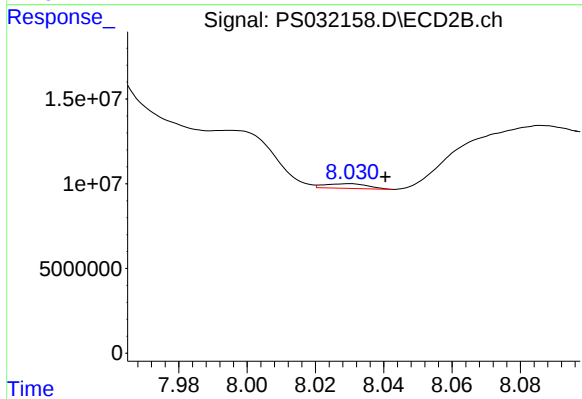
#5 DICAMBA

R.T.: 7.936 min
Delta R.T.: -0.002 min
Response: 754989321
Conc: 87.17 ng/ml m



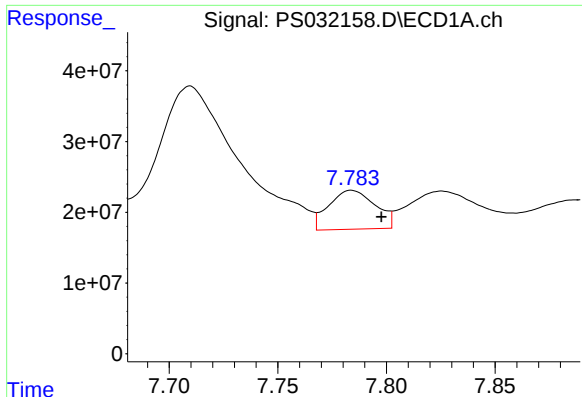
#6 MCPP

R.T.: 7.637 min
Delta R.T.: -0.011 min
Response: 23960571
Conc: 1.96 ug/ml



#6 MCPP

R.T.: 8.030 min
Delta R.T.: -0.010 min
Response: 2352070
Conc: N.D.



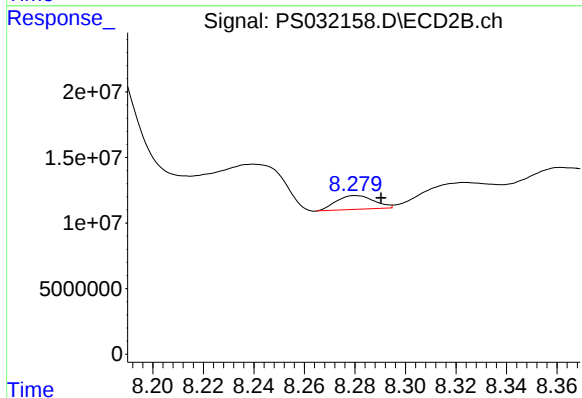
#7 MCPA

R.T.: 7.784 min
Delta R.T.: -0.014 min
Response: 82041681
Conc: 5.57 ug/ml

Instrument :
ECD_S
ClientSampleId :
TP-6MSDRE

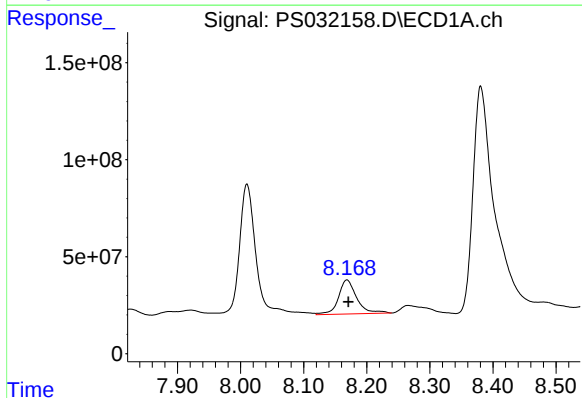
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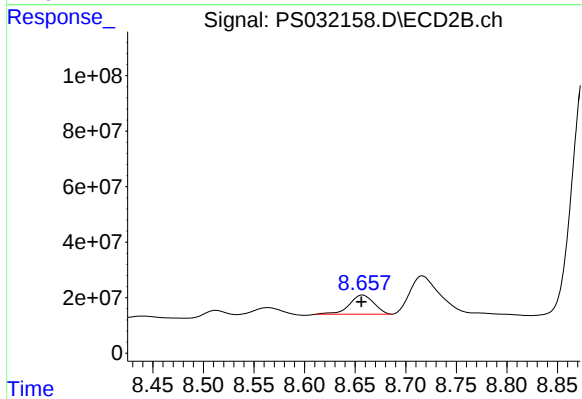
#7 MCPA

R.T.: 8.280 min
Delta R.T.: -0.010 min
Response: 10910833
Conc: 2.89 ug/ml



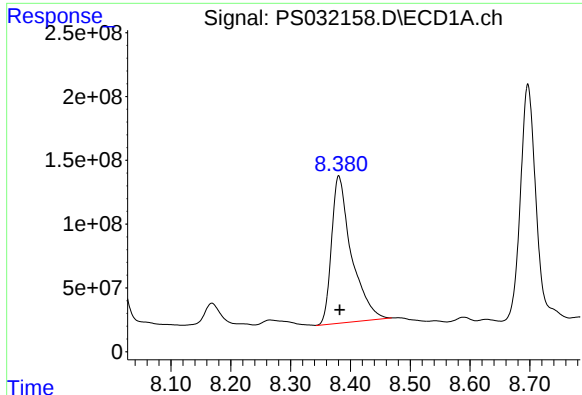
#8 DICHLORPROP

R.T.: 8.169 min
Delta R.T.: -0.002 min
Response: 353666321
Conc: 74.39 ng/ml



#8 DICHLORPROP

R.T.: 8.657 min
Delta R.T.: 0.000 min
Response: 116413854
Conc: 59.45 ng/ml



#9 2,4-D

R.T.: 8.380 min
Delta R.T.: -0.002 min
Response: 2663661218
Conc: 548.54 ng/ml

Instrument :

ECD_S

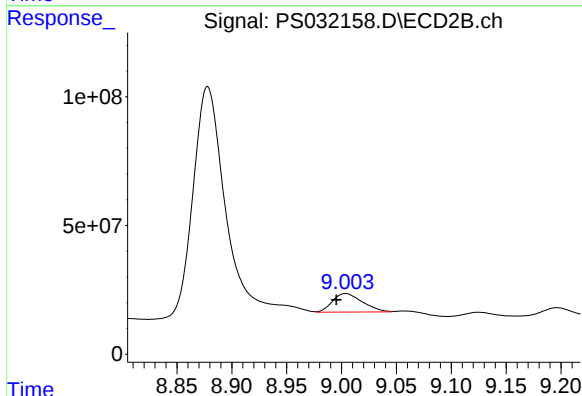
ClientSampleId :

TP-6MSDRE

Manual Integrations

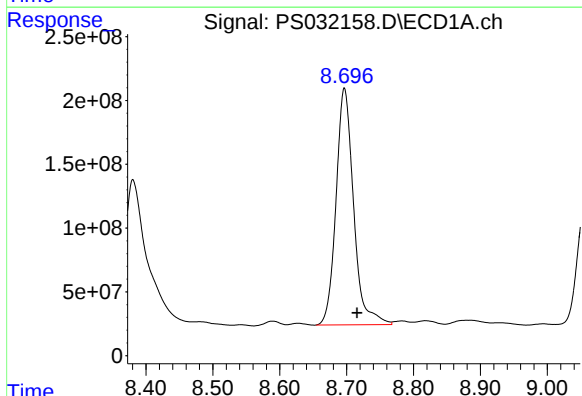
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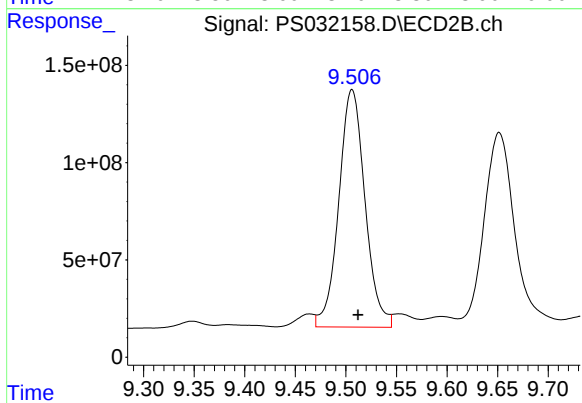
#9 2,4-D

R.T.: 9.003 min
Delta R.T.: 0.007 min
Response: 136306446
Conc: 65.59 ng/ml m



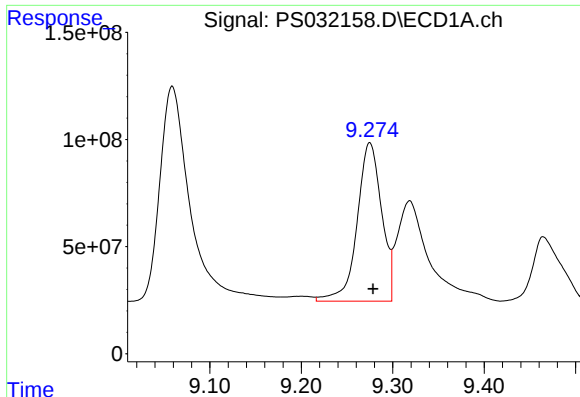
#10 Pentachlorophenol

R.T.: 8.697 min
Delta R.T.: -0.019 min
Response: 3381124802
Conc: 50.37 ng/ml



#10 Pentachlorophenol

R.T.: 9.506 min
Delta R.T.: -0.006 min
Response: 2200150075
Conc: 42.45 ng/ml m



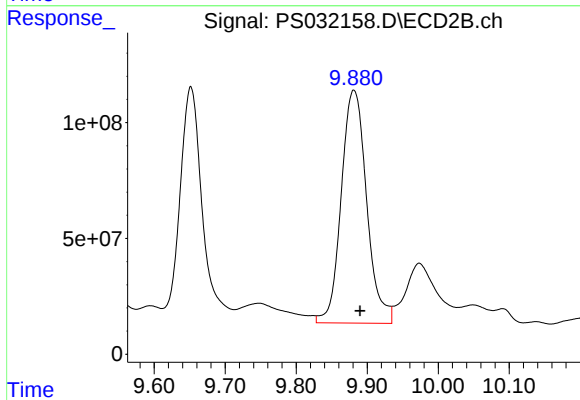
#11 2,4,5-TP (SILVEX)

R.T.: 9.275 min
Delta R.T.: -0.003 min
Response: 1379195386
Conc: 48.83 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-6MSDRE

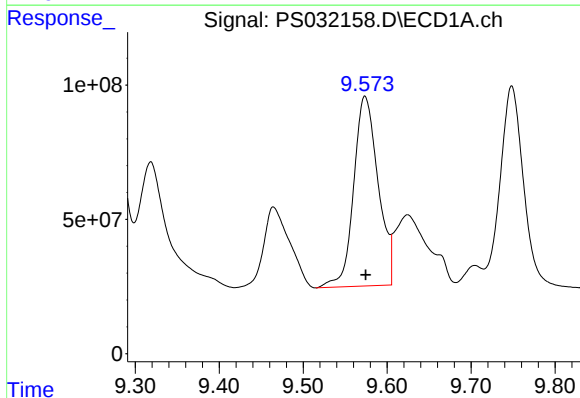
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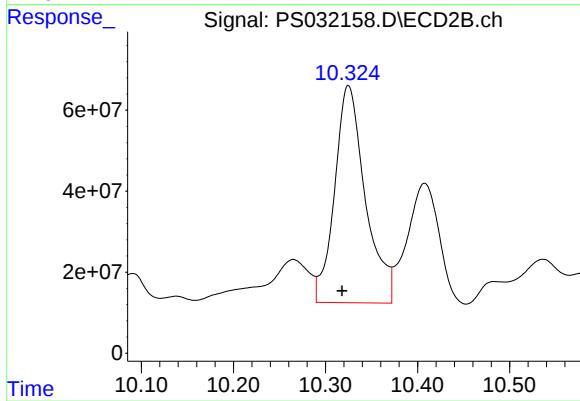
#11 2,4,5-TP (SILVEX)

R.T.: 9.881 min
Delta R.T.: -0.009 min
Response: 2505328100
Conc: 124.80 ng/ml



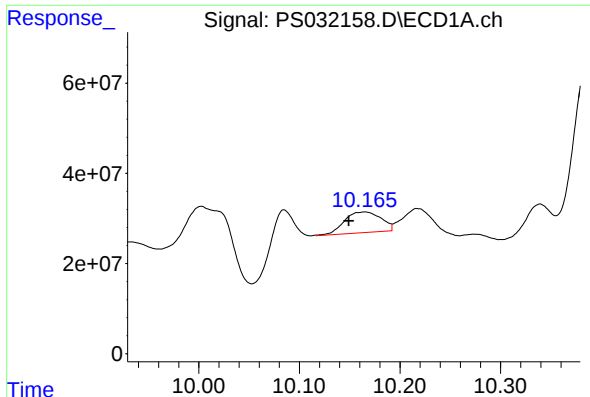
#12 2,4,5-T

R.T.: 9.574 min
Delta R.T.: 0.000 min
Response: 1431146824
Conc: 56.69 ng/ml



#12 2,4,5-T

R.T.: 10.325 min
Delta R.T.: 0.007 min
Response: 1242927891
Conc: 72.50 ng/ml



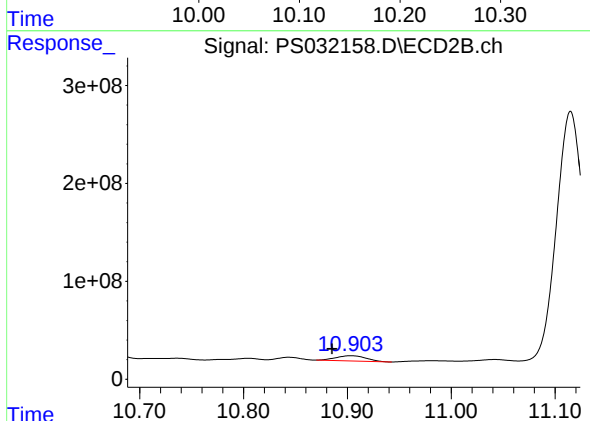
#13 2,4-DB

R.T.: 10.165 min
Delta R.T.: 0.016 min
Response: 116653413
Conc: 37.63 ng/ml

Instrument :
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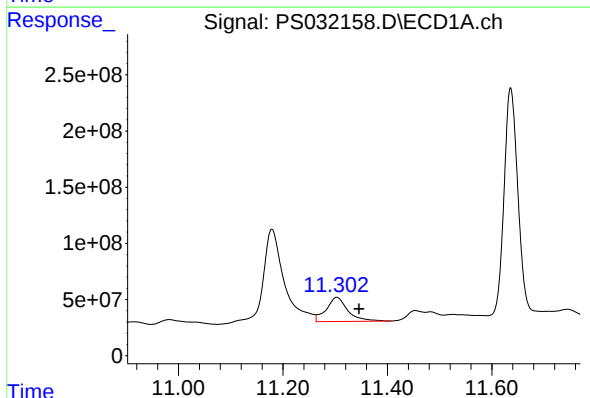
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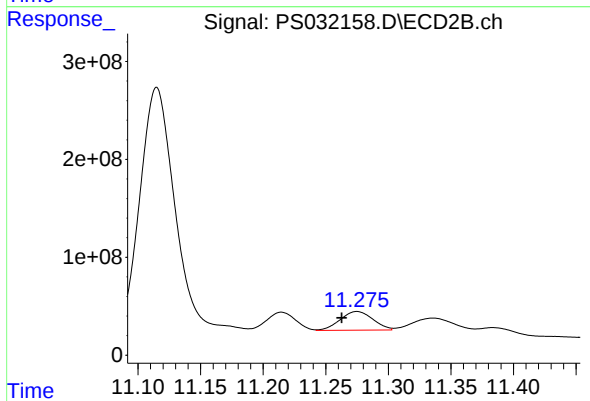
#13 2,4-DB

R.T.: 10.903 min
Delta R.T.: 0.018 min
Response: 107844119
Conc: 83.46 ng/ml



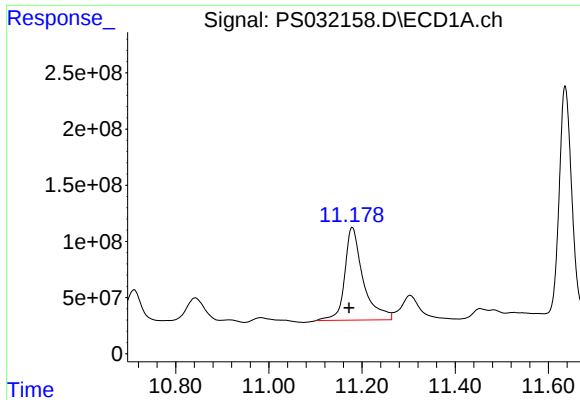
#14 DINOSEB

R.T.: 11.303 min
Delta R.T.: -0.043 min
Response: 616206442
Conc: 27.63 ng/ml



#14 DINOSEB

R.T.: 11.275 min
Delta R.T.: 0.012 min
Response: 348720924
Conc: 22.94 ng/ml m



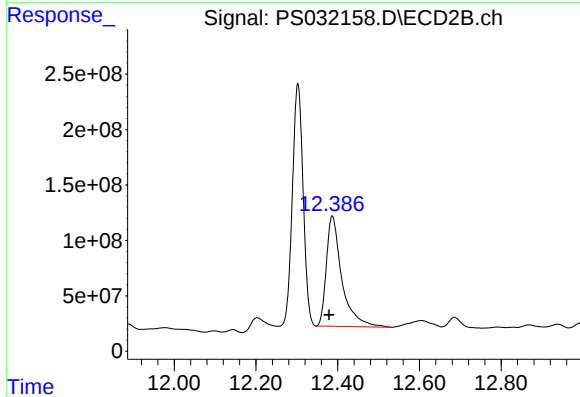
#15 Picloram

R.T.: 11.179 min
Delta R.T.: 0.007 min
Response: 2275648855
Conc: 96.52 ng/ml

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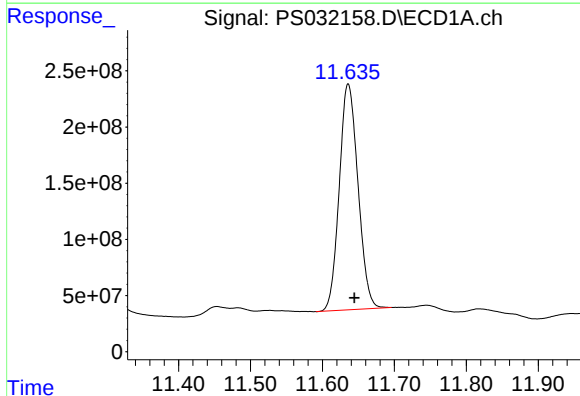
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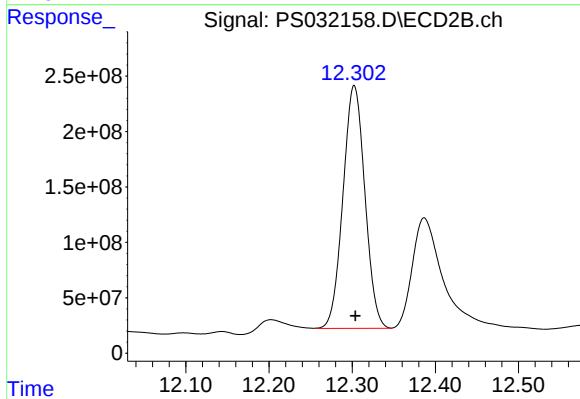
#15 Picloram

R.T.: 12.387 min
Delta R.T.: 0.008 min
Response: 2612889201
Conc: 78.48 ng/ml



#16 DCPA

R.T.: 11.636 min
Delta R.T.: -0.009 min
Response: 3634379939
Conc: 98.92 ng/ml



#16 DCPA

R.T.: 12.302 min
Delta R.T.: -0.002 min
Response: 4010482313
Conc: 120.76 ng/ml m