

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS102425\
 Data File : PS032157.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Oct 2025 16:39
 Operator : AR\AJ
 Sample : Q3412-01MSRE
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 TP-6MSRE

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 06:23:08 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	7.742	939.9E6	214.8E6	197.156	195.191
Target Compounds							
1) T	Dalapon	2.618f	2.679	649.1E6	1167.9E6	84.002m	310.761m#
2) T	3,5-DICHL...	6.448	6.699	438.6E6	128.8E6	62.308	61.763
3) T	4-Nitroph...	7.045f	7.304	65598138	63859484	49.149m	42.084
5) T	DICAMBA	7.460	7.937	1532.0E6	752.6E6	73.154	86.902m
7) T	MCPA	7.784	8.280	75638148	10309697	5.140	2.733 #
8) T	DICHLORPROP	8.169	8.657	349.9E6	111.8E6	73.608	57.098
9) T	2,4-D	8.382	9.003	2640.0E6	133.1E6	543.665m	64.041m#
10) T	Pentachlo...	8.697	9.506	3369.8E6	2185.4E6	50.205	42.170m
11) T	2,4,5-TP ...	9.275	9.881	1361.8E6	2464.0E6	48.219	122.739 #
12) T	2,4,5-T	9.574	10.326	1415.5E6	1226.5E6	56.072	71.541 #
13) T	2,4-DB	10.164	10.905	84626786	106.7E6	27.296m	82.555 #
14) T	DINOSEB	11.304f	11.276	396.5E6	360.6E6	17.779m	23.722m#
15) T	Picloram	11.180	12.387	2260.9E6	2578.2E6	95.891	77.442
16) T	DCPA	11.636	12.302	3608.7E6	3990.7E6	98.223	120.161m

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

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Acq On : 24 Oct 2025 16:39
Operator : AR\AJ
Sample : Q3412-01MSRE
Misc :
ALS Vial : 4 Sample Multiplier: 1

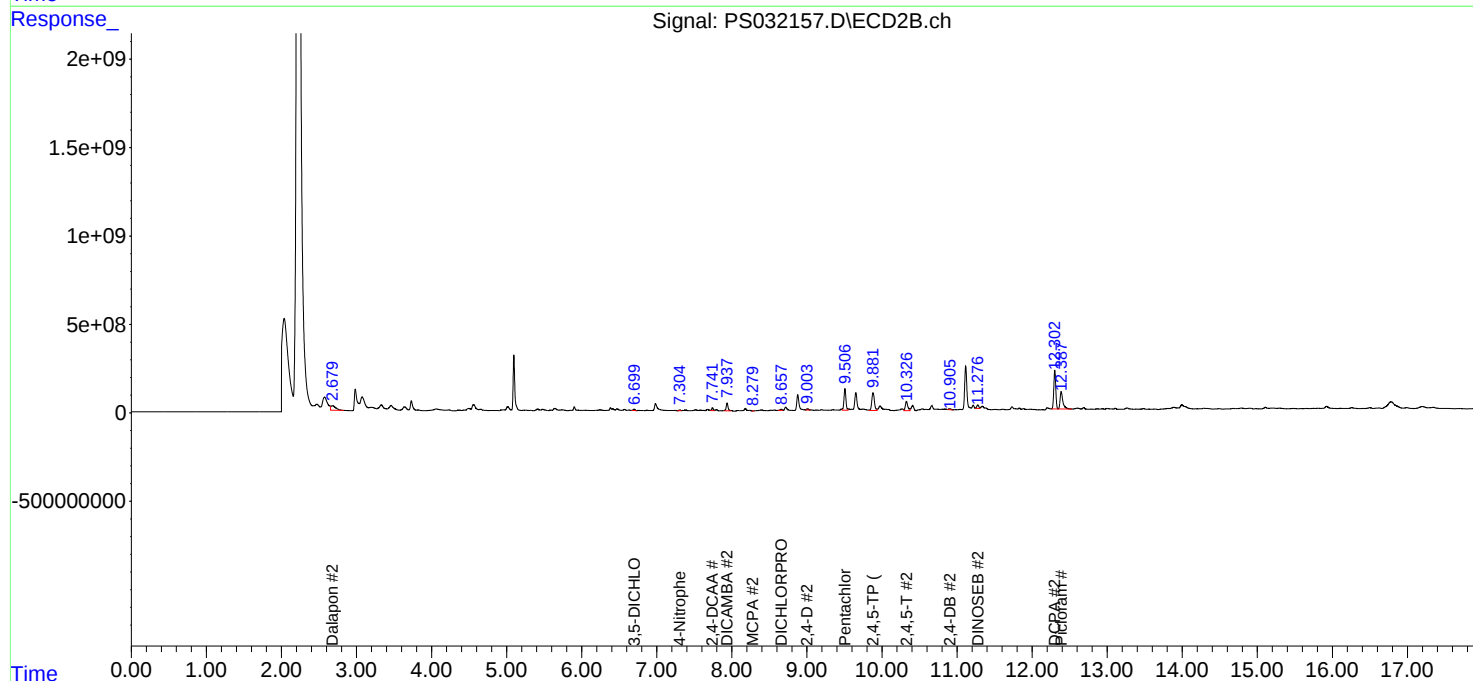
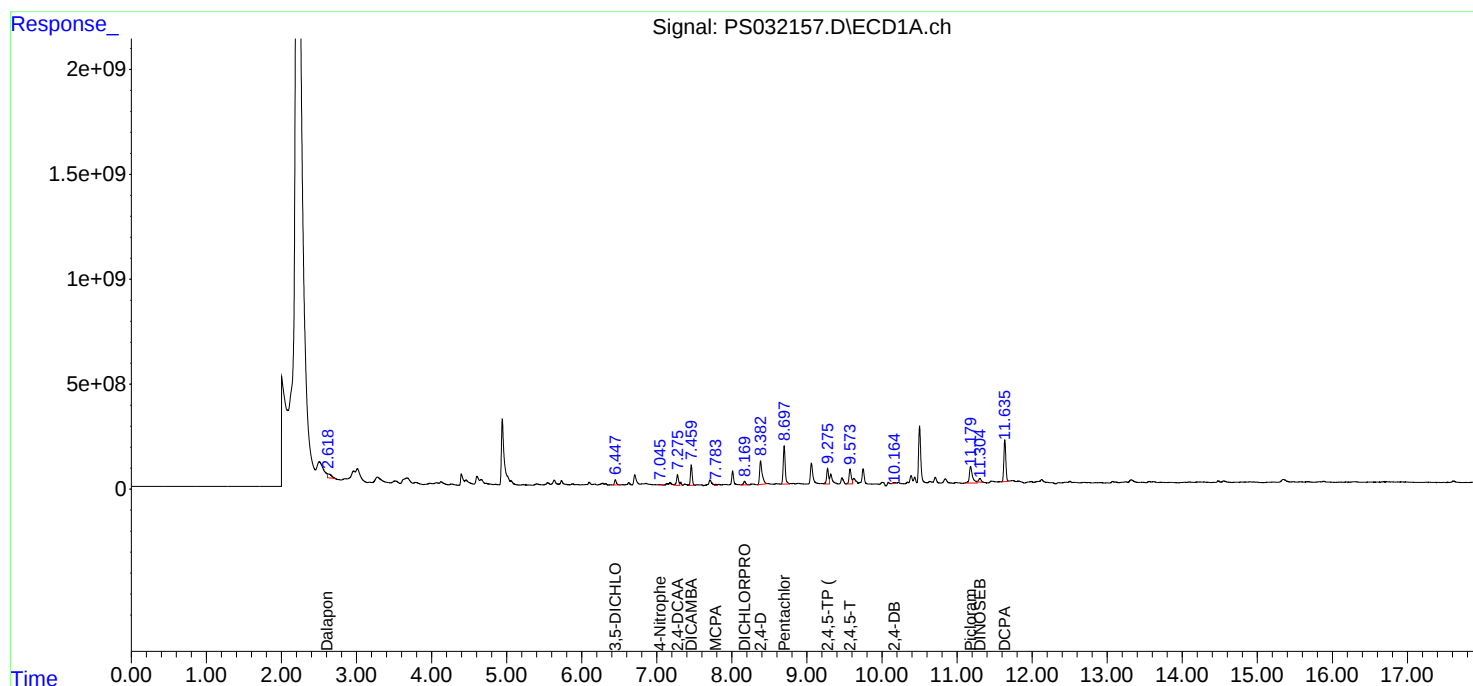
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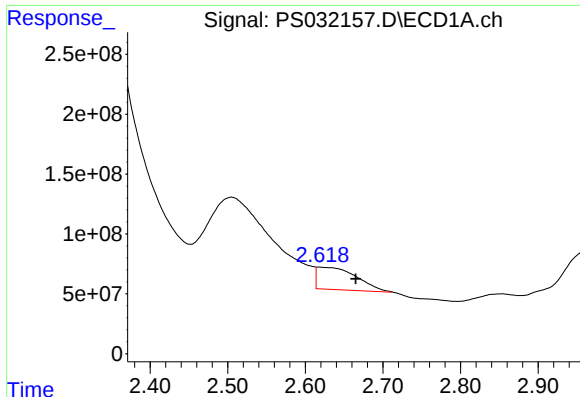
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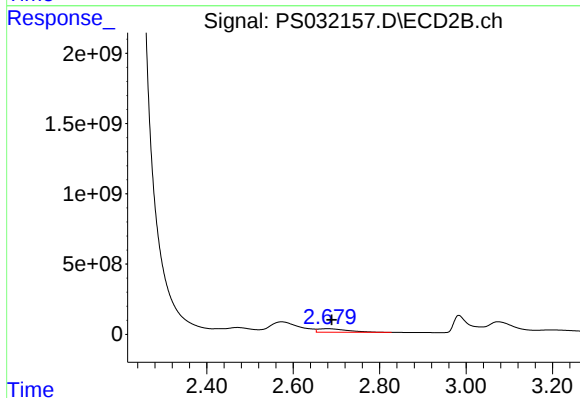
#1 Dalapon

R.T.: 2.618 min
Delta R.T.: -0.047 min
Response: 649127384
Conc: 84.00 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-6MSRE

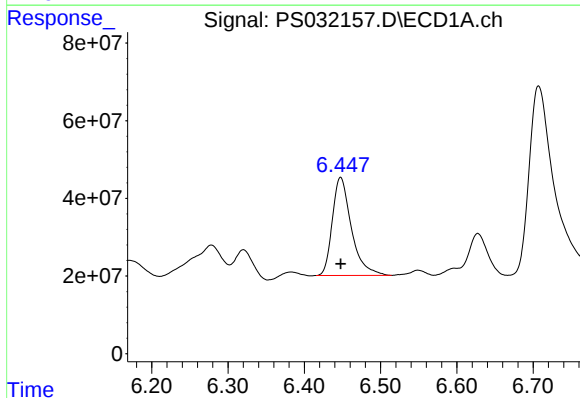
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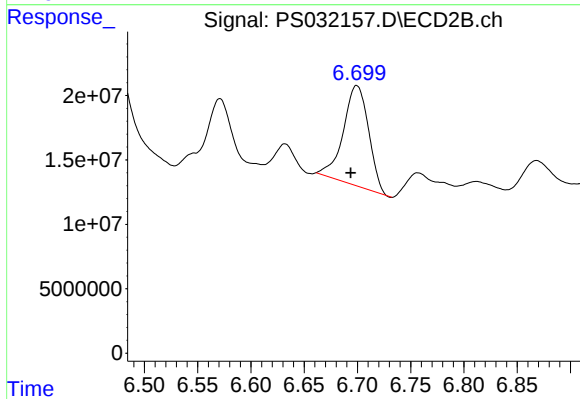
#1 Dalapon

R.T.: 2.679 min
Delta R.T.: -0.011 min
Response: 1167924521
Conc: 310.76 ng/ml m



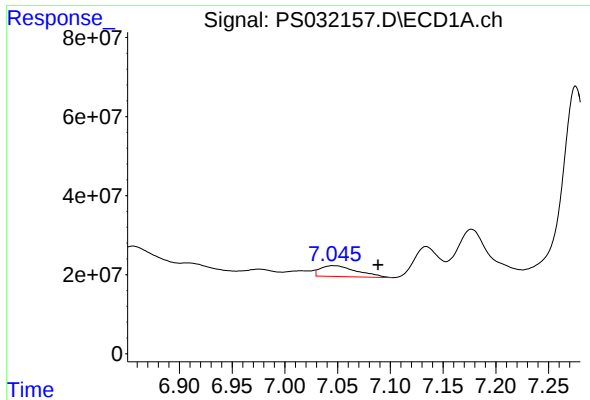
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.448 min
Delta R.T.: 0.000 min
Response: 438574432
Conc: 62.31 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.699 min
Delta R.T.: 0.006 min
Response: 128830283
Conc: 61.76 ng/ml



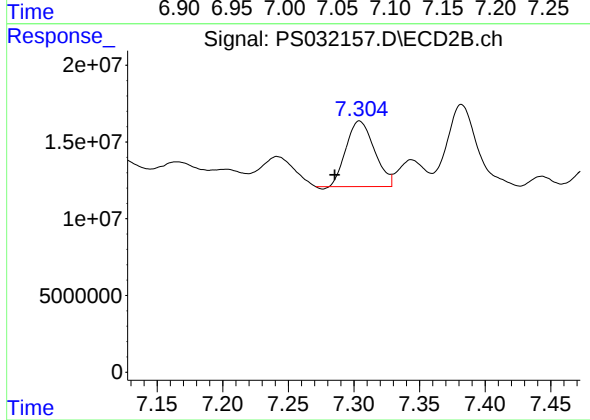
#3 4-Nitrophenol

R.T.: 7.045 min
Delta R.T.: -0.044 min
Response: 65598138
Conc: 49.15 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-6MSRE

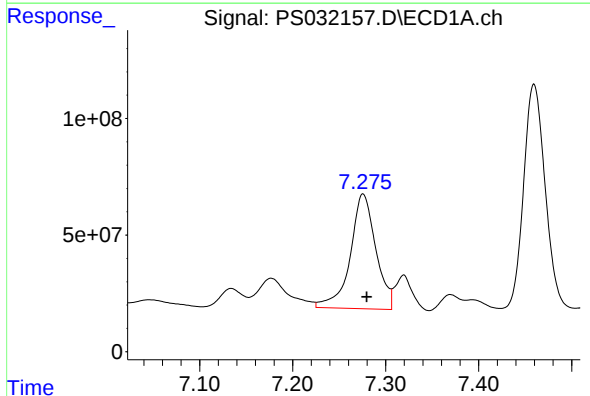
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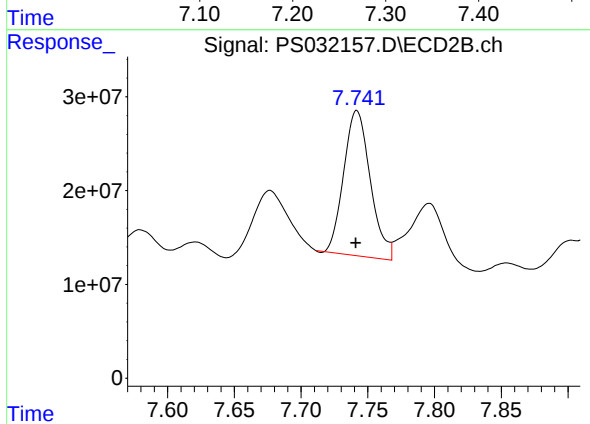
#3 4-Nitrophenol

R.T.: 7.304 min
Delta R.T.: 0.019 min
Response: 63859484
Conc: 42.08 ng/ml



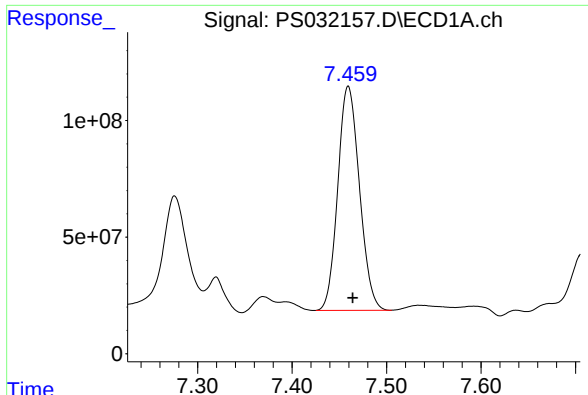
#4 2,4-DCAA

R.T.: 7.276 min
Delta R.T.: -0.004 min
Response: 939851625
Conc: 197.16 ng/ml



#4 2,4-DCAA

R.T.: 7.742 min
Delta R.T.: 0.000 min
Response: 214776377
Conc: 195.19 ng/ml



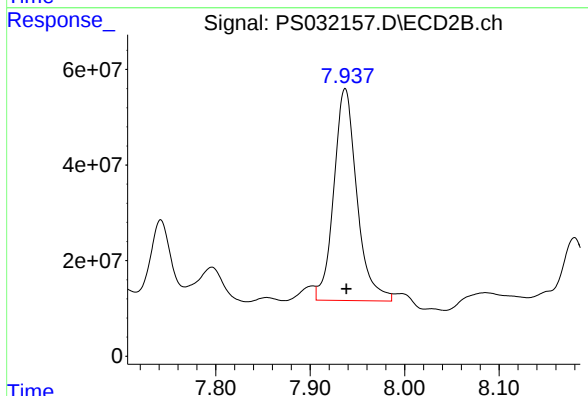
#5 DICAMBA

R.T.: 7.460 min
Delta R.T.: -0.004 min
Response: 1532021758
Conc: 73.15 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-6MSRE

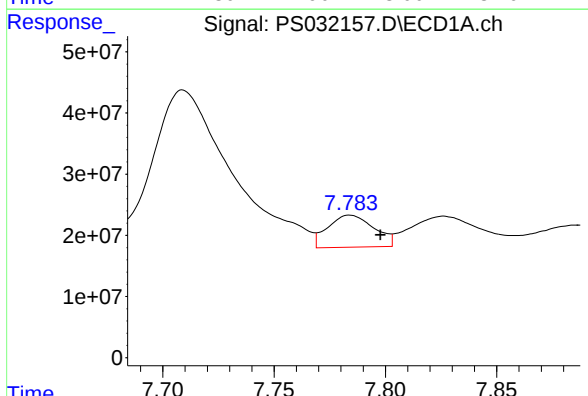
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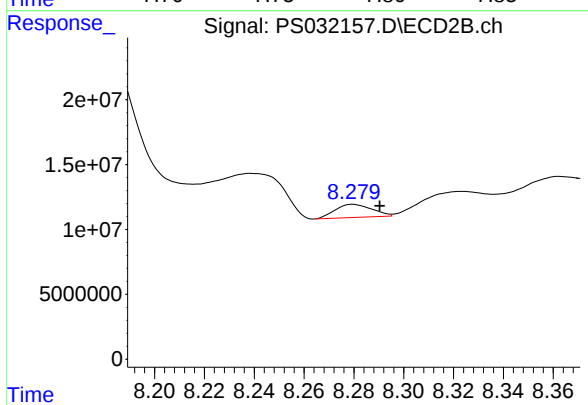
#5 DICAMBA

R.T.: 7.937 min
Delta R.T.: -0.002 min
Response: 752645575
Conc: 86.90 ng/ml m



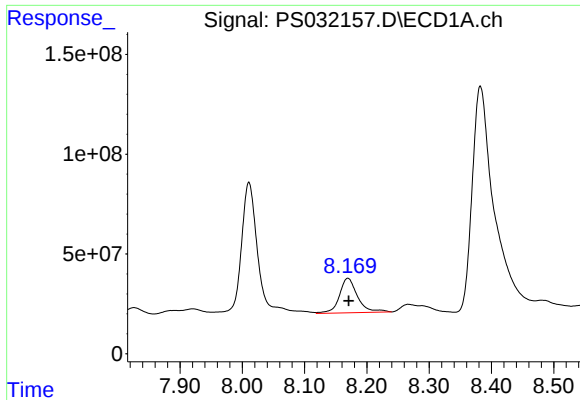
#7 MCPA

R.T.: 7.784 min
Delta R.T.: -0.014 min
Response: 75638148
Conc: 5.14 ug/ml



#7 MCPA

R.T.: 8.280 min
Delta R.T.: -0.010 min
Response: 10309697
Conc: 2.73 ug/ml



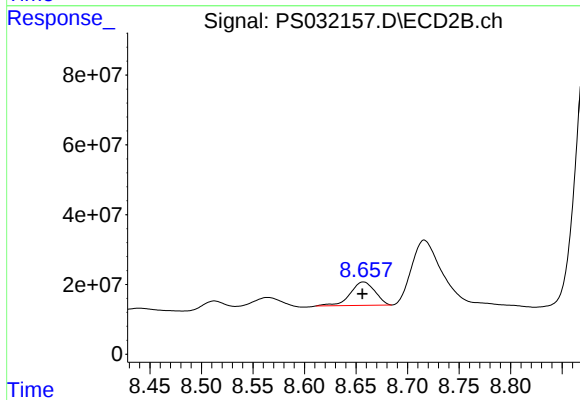
#8 DICHLORPROP

R.T.: 8.169 min
Delta R.T.: -0.001 min
Response: 349943902
Conc: 73.61 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-6MSRE

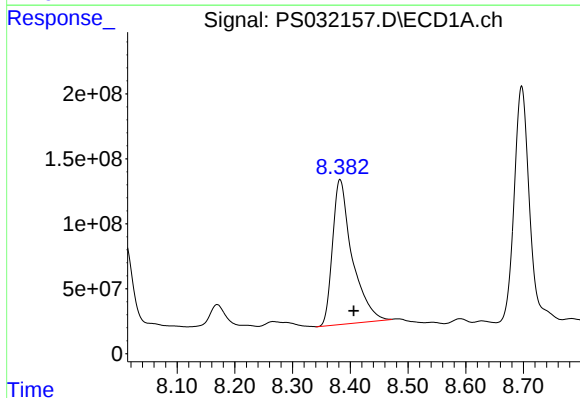
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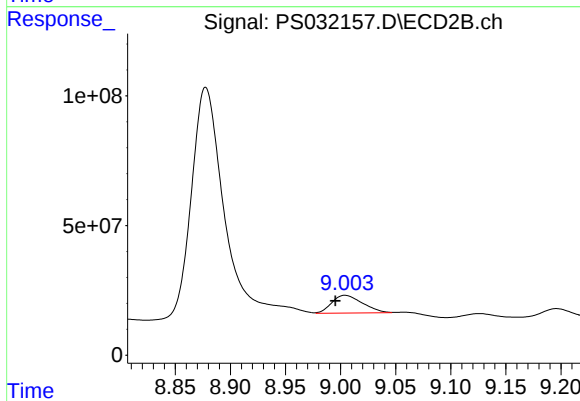
#8 DICHLORPROP

R.T.: 8.657 min
Delta R.T.: 0.001 min
Response: 111813058
Conc: 57.10 ng/ml



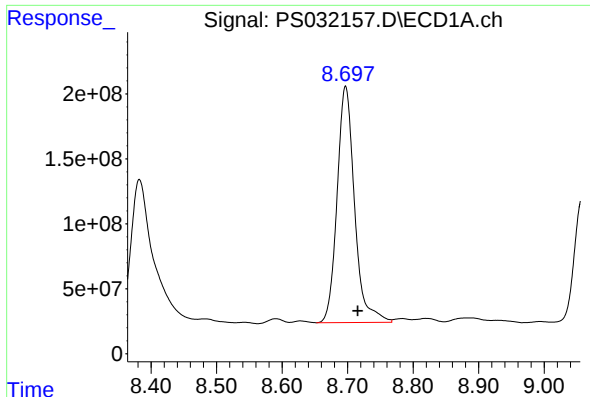
#9 2,4-D

R.T.: 8.382 min
Delta R.T.: -0.025 min
Response: 2639966638
Conc: 543.66 ng/ml m



#9 2,4-D

R.T.: 9.003 min
Delta R.T.: 0.008 min
Response: 133097023
Conc: 64.04 ng/ml m



#10 Pentachlorophenol

R.T.: 8.697 min
Delta R.T.: -0.018 min
Response: 3369755715
Conc: 50.21 ng/ml

Instrument :

ECD_S

ClientSampleId :

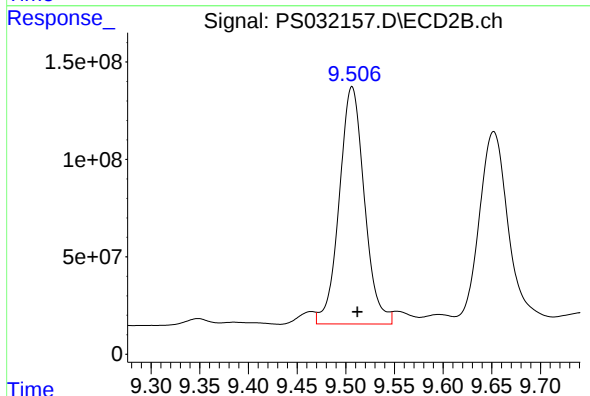
TP-6MSRE

Manual Integrations

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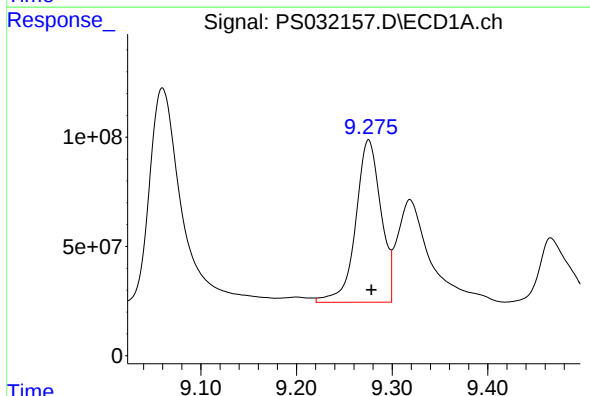
Reviewed By :Abdul Mirza 10/27/2025

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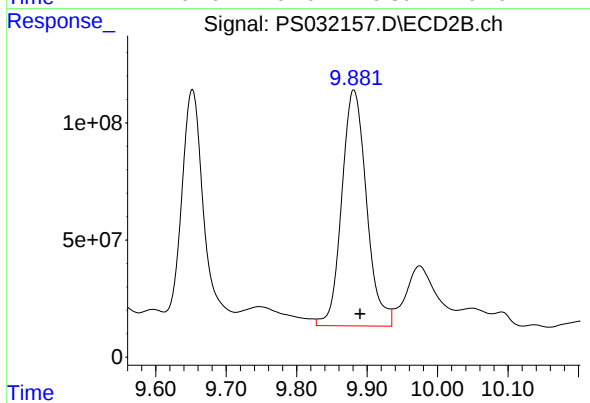
#10 Pentachlorophenol

R.T.: 9.506 min
Delta R.T.: -0.006 min
Response: 2185435777
Conc: 42.17 ng/ml m



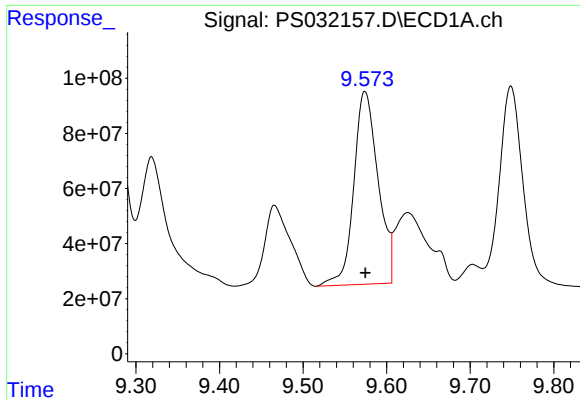
#11 2,4,5-TP (SILVEX)

R.T.: 9.275 min
Delta R.T.: -0.003 min
Response: 1361813932
Conc: 48.22 ng/ml



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

R.T.: 9.881 min
Delta R.T.: -0.009 min
Response: 2463967188
Conc: 122.74 ng/ml



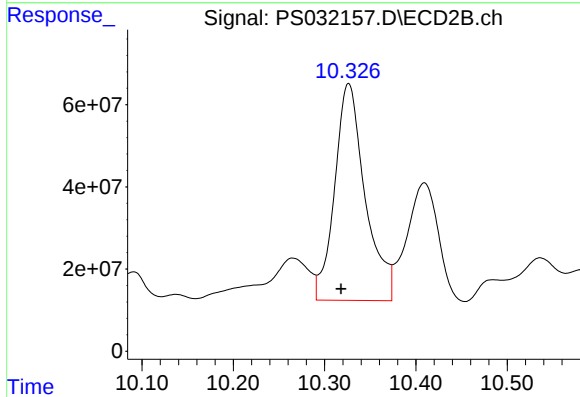
#12 2,4,5-T

R.T.: 9.574 min
Delta R.T.: 0.000 min
Response: 1415495359
Conc: 56.07 ng/ml

Instrument :
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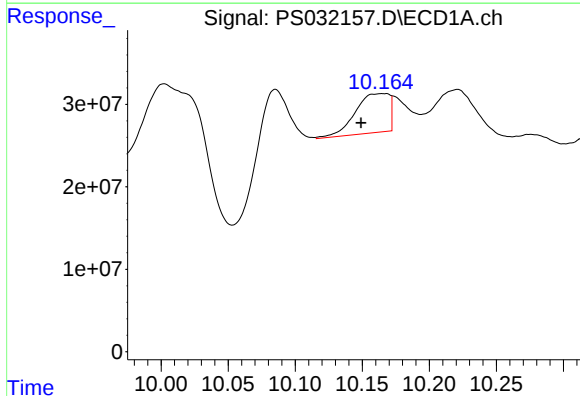
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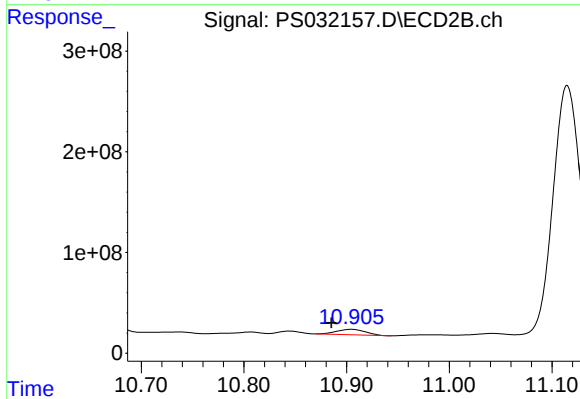
#12 2,4,5-T

R.T.: 10.326 min
Delta R.T.: 0.008 min
Response: 1226547856
Conc: 71.54 ng/ml



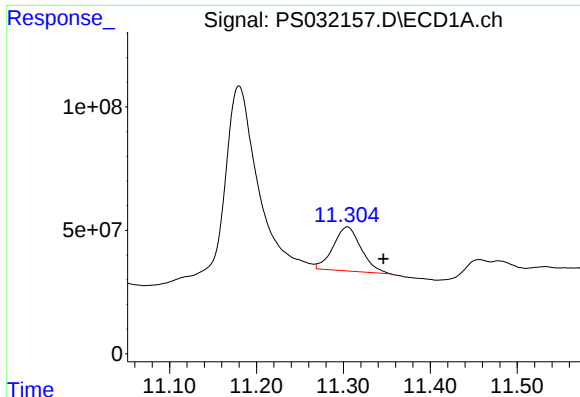
#13 2,4-DB

R.T.: 10.164 min
Delta R.T.: 0.015 min
Response: 84626786
Conc: 27.30 ng/ml m



#13 2,4-DB

R.T.: 10.905 min
Delta R.T.: 0.019 min
Response: 106669076
Conc: 82.56 ng/ml



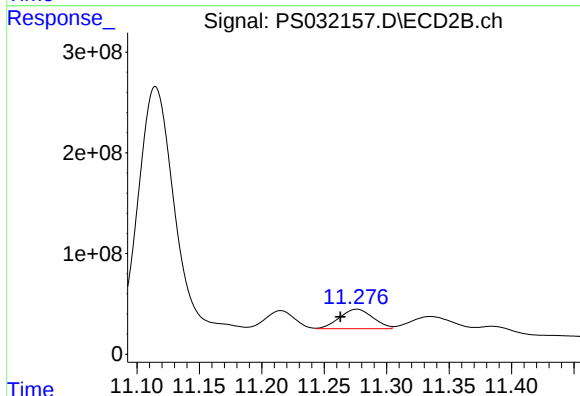
#14 DINOSEB

R.T.: 11.304 min
Delta R.T.: -0.042 min
Response: 396479275
Conc: 17.78 ng/ml

Instrument :
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ClientSampleId :
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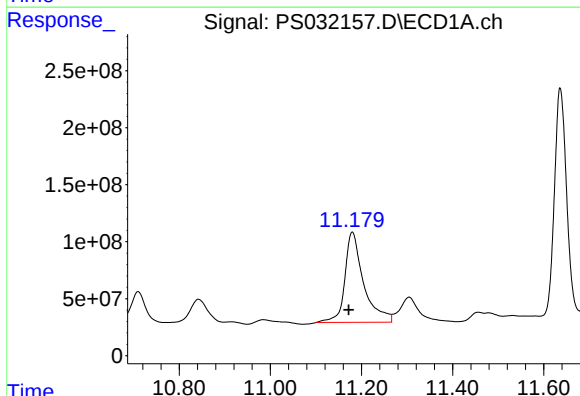
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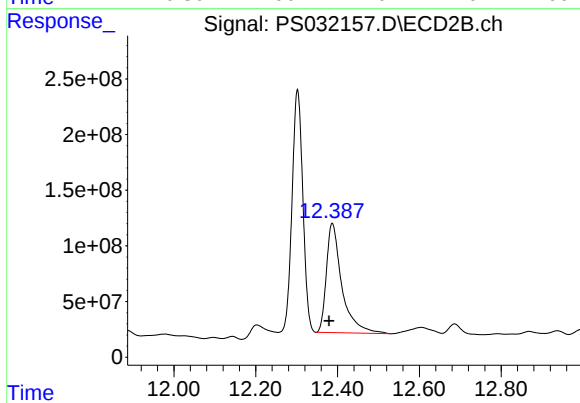
#14 DINOSEB

R.T.: 11.276 min
Delta R.T.: 0.013 min
Response: 360642458
Conc: 23.72 ng/ml m



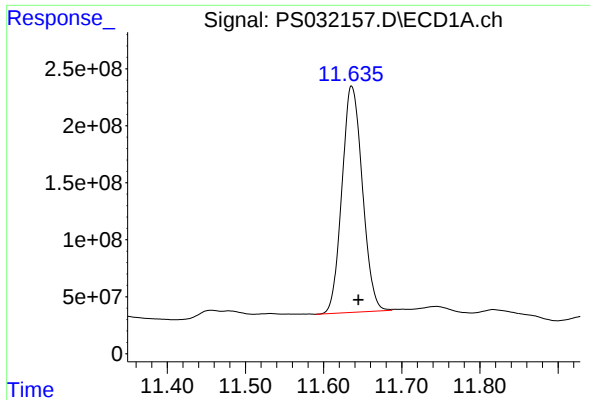
#15 Picloram

R.T.: 11.180 min
Delta R.T.: 0.008 min
Response: 2260903119
Conc: 95.89 ng/ml



#15 Picloram

R.T.: 12.387 min
Delta R.T.: 0.008 min
Response: 2578187394
Conc: 77.44 ng/ml



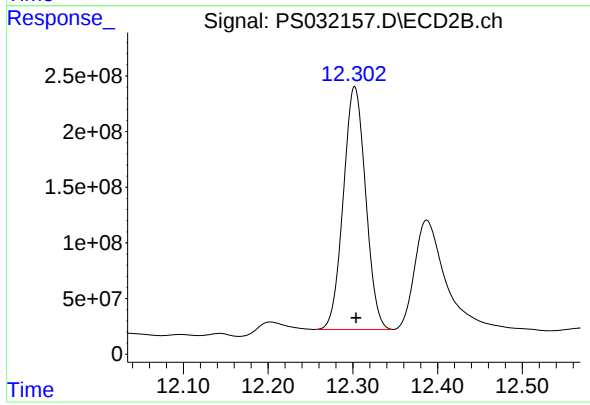
#16 DCPA

R.T.: 11.636 min
Delta R.T.: -0.008 min
Response: 3608727158
Conc: 98.22 ng/ml

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#16 DCPA

R.T.: 12.302 min
Delta R.T.: -0.002 min
Response: 3990743518
Conc: 120.16 ng/ml m