

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS102325\
 Data File : PS032142.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Oct 2025 14:11
 Operator : AR\AJ
 Sample : Q3412-01MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 TP-6MSD

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 04:40:39 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	7.743	660.1E6	156.7E6	138.472m	142.432m
Target Compounds							
1) T	Dalapon	2.627f	2.679	574.4E6	1191.8E6	74.332m	317.110m#
2) T	3,5-DICHL...	6.449	6.700	355.3E6	110.6E6	50.473	53.040
5) T	DICAMBA	7.461	7.937	1383.4E6	580.4E6	66.057	67.020m
7) T	MCPA	7.783	8.280	26192601	5115135	1.780m	1.356
8) T	DICHLORPROP	8.171	8.658	279.5E6	81228260	58.801	41.480m#
9) T	2,4-D	8.383	9.004	2625.3E6	117.6E6	540.642m	56.562m#
10) T	Pentachlo...	8.699	9.507	2416.7E6	1454.3E6	36.006	28.063m
11) T	2,4,5-TP ...	9.278	9.879	1069.6E6	2043.1E6	37.873	101.776m#
12) T	2,4,5-T	9.577	10.327	1089.0E6	953.4E6	43.138	55.610 #
13) T	2,4-DB	10.172	10.906	73885066	86856420	23.831m	67.222 #
14) T	DINOSEB	11.307f	11.277	668.6E6	402.5E6	29.981	26.472m
15) T	Picloram	11.182	12.389	2294.4E6	2637.3E6	97.311	79.217
16) T	DCPA	11.640	12.304	4879.4E6	4971.2E6	132.808	149.683m

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

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Acq On : 23 Oct 2025 14:11
Operator : AR\AJ
Sample : Q3412-01MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

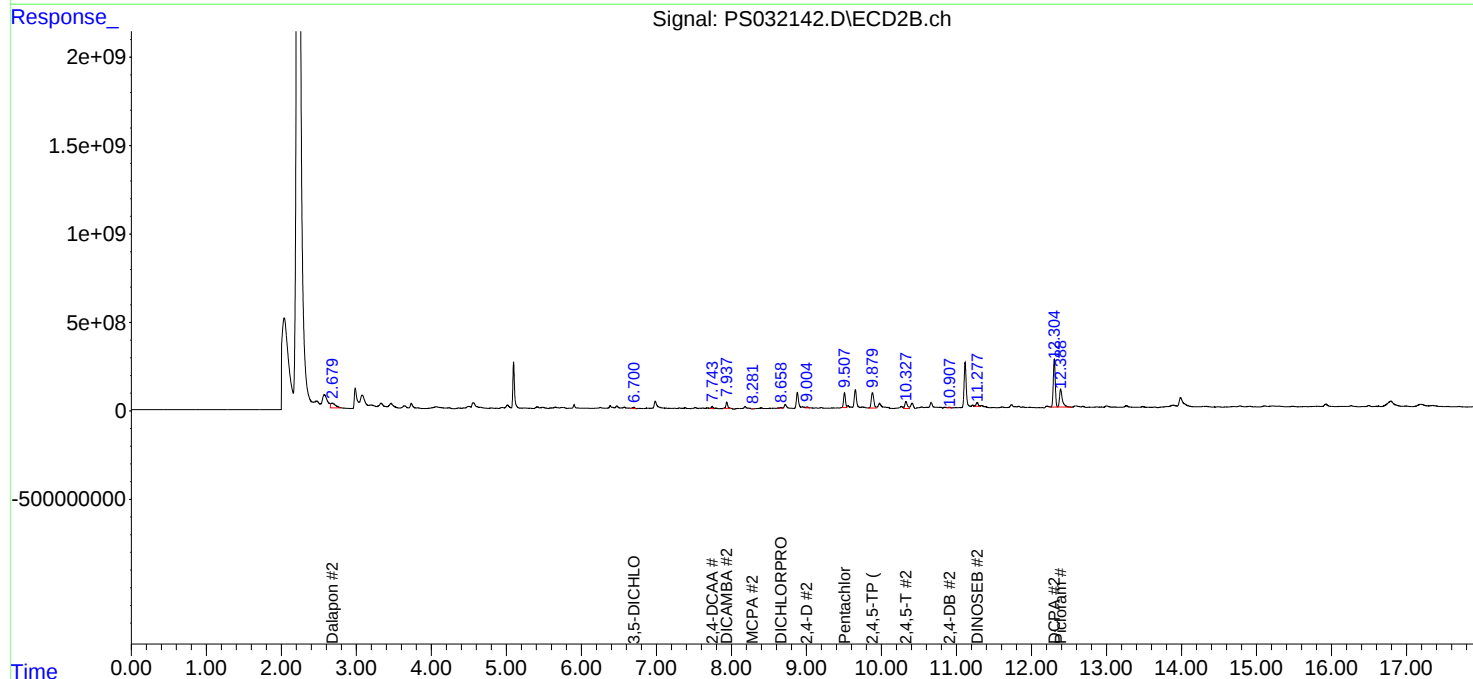
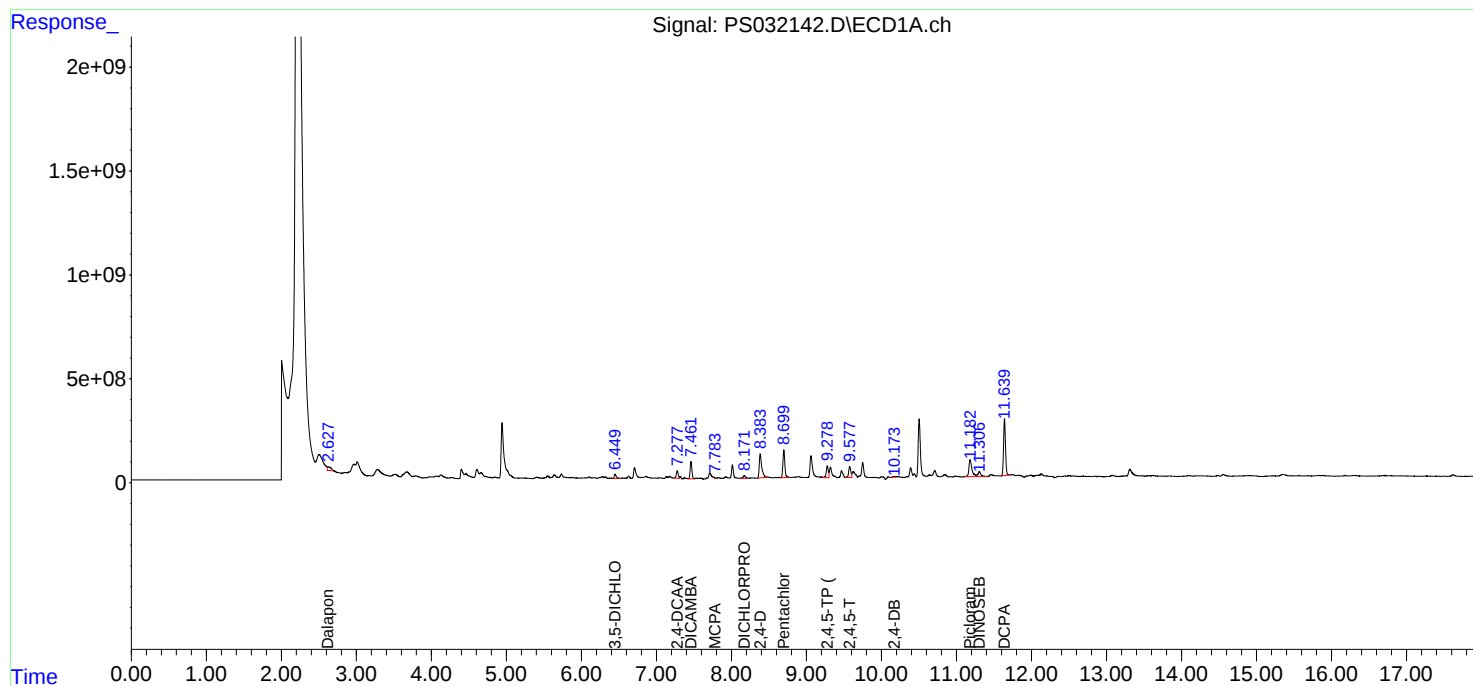
Instrument :
ECD_S
ClientSampleId :
TP-6MSD

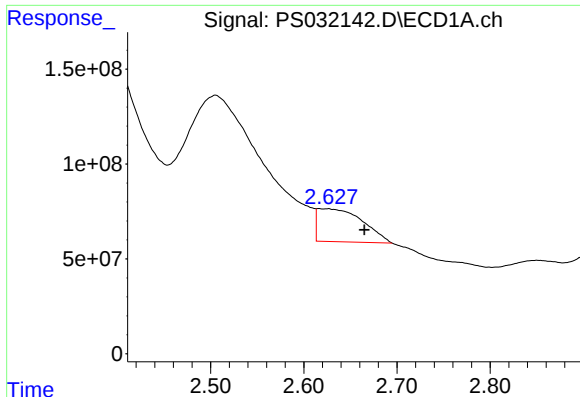
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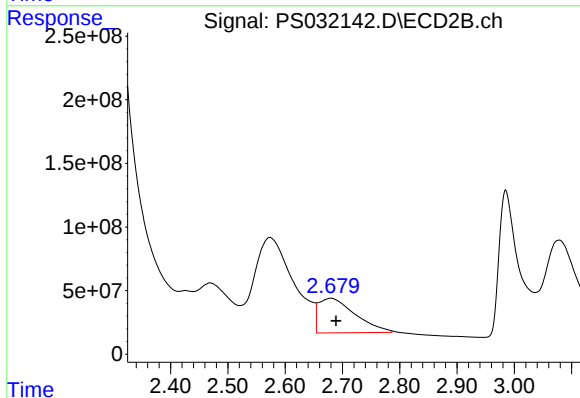
#1 Dalapon

R.T.: 2.627 min
Delta R.T.: -0.038 min
Response: 574402193
Conc: 74.33 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-6MSD

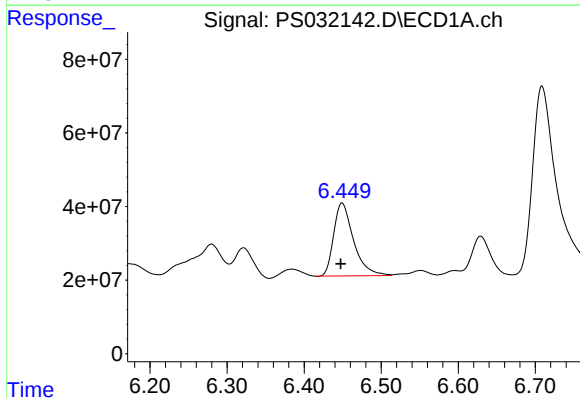
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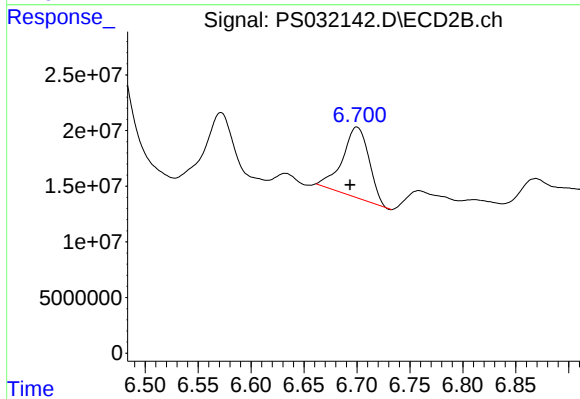
#1 Dalapon

R.T.: 2.679 min
Delta R.T.: -0.010 min
Response: 1191786379
Conc: 317.11 ng/ml m



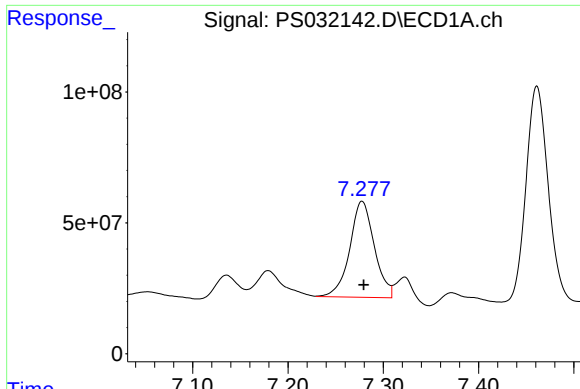
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.449 min
Delta R.T.: 0.002 min
Response: 355273024
Conc: 50.47 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.700 min
Delta R.T.: 0.006 min
Response: 110634863
Conc: 53.04 ng/ml



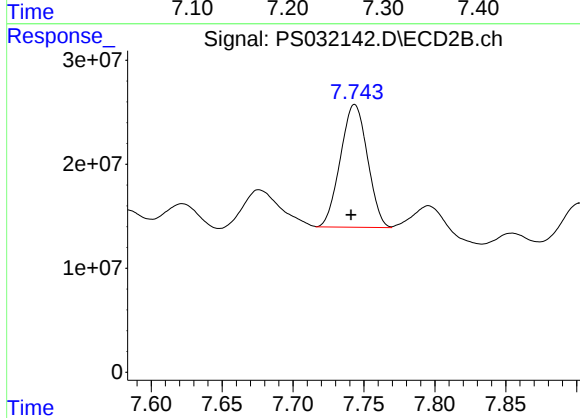
#4 2,4-DCAA

R.T.: 7.277 min
Delta R.T.: -0.003 min
Response: 660098945
Conc: 138.47 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-6MSD

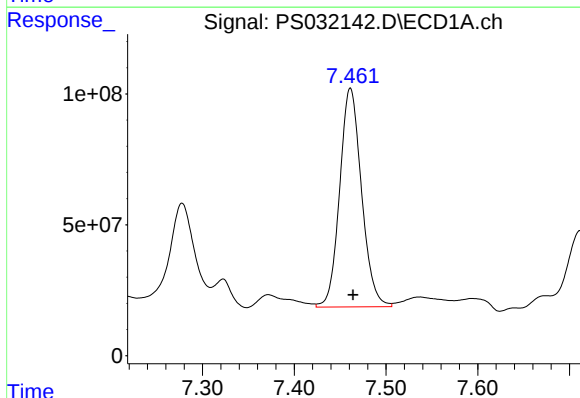
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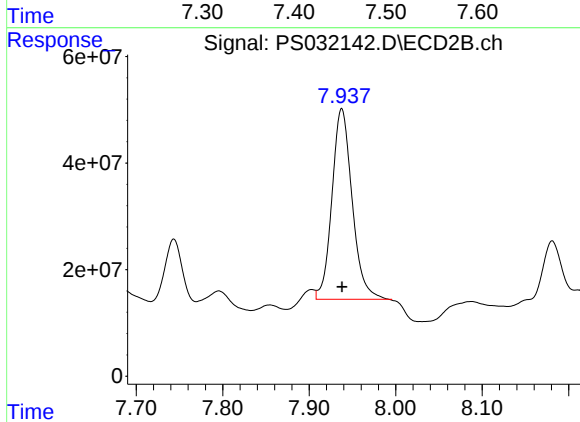
#4 2,4-DCAA

R.T.: 7.743 min
Delta R.T.: 0.002 min
Response: 156723660
Conc: 142.43 ng/ml m



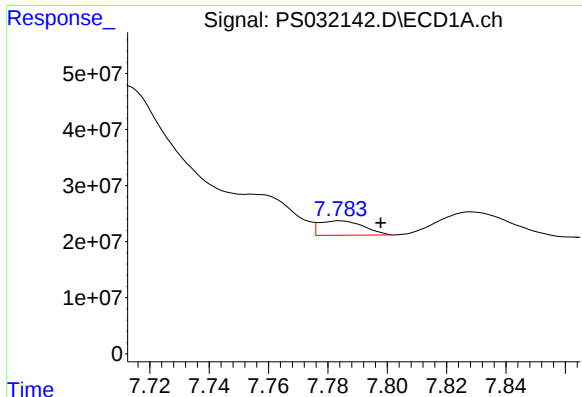
#5 DICAMBA

R.T.: 7.461 min
Delta R.T.: -0.003 min
Response: 1383390141
Conc: 66.06 ng/ml



#5 DICAMBA

R.T.: 7.937 min
Delta R.T.: 0.000 min
Response: 580449773
Conc: 67.02 ng/ml m



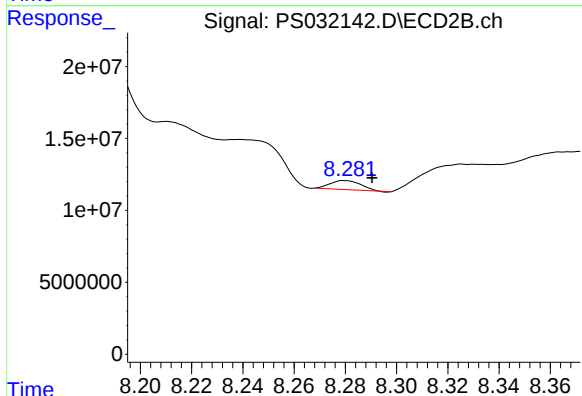
#7 MCPA

R.T.: 7.783 min
Delta R.T.: -0.014 min
Response: 26192601
Conc: 1.78 ug/ml

Instrument :
ECD_S
ClientSampleId :
TP-6MSD

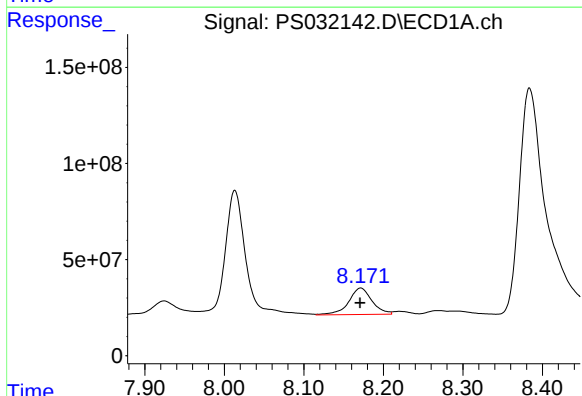
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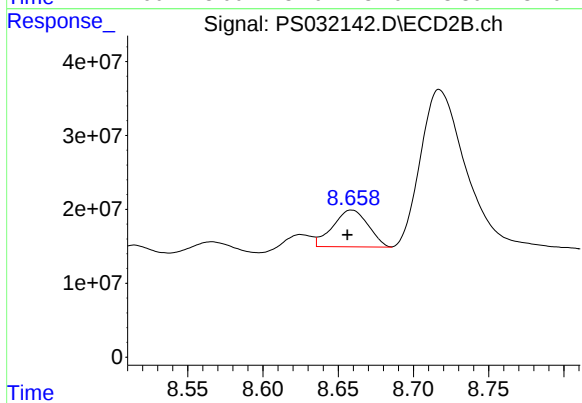
#7 MCPA

R.T.: 8.280 min
Delta R.T.: -0.010 min
Response: 5115135
Conc: 1.36 ug/ml



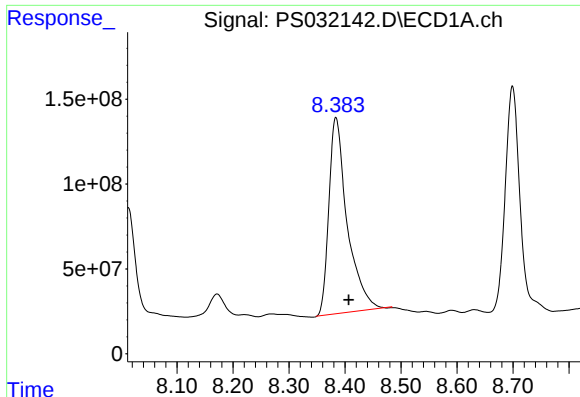
#8 DICHLORPROP

R.T.: 8.171 min
Delta R.T.: 0.000 min
Response: 279547309
Conc: 58.80 ng/ml



#8 DICHLORPROP

R.T.: 8.658 min
Delta R.T.: 0.002 min
Response: 81228260
Conc: 41.48 ng/ml m



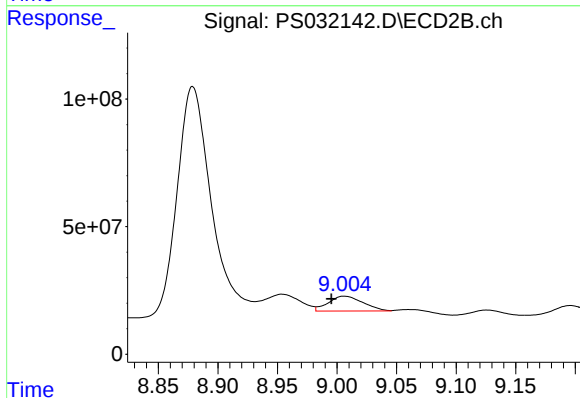
#9 2,4-D

R.T.: 8.383 min
Delta R.T.: -0.023 min
Response: 2625290119
Conc: 540.64 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-6MSD

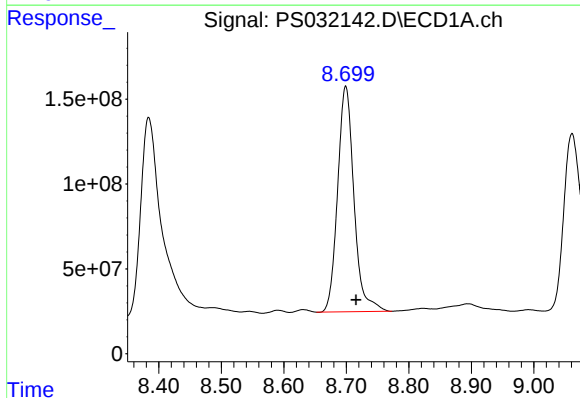
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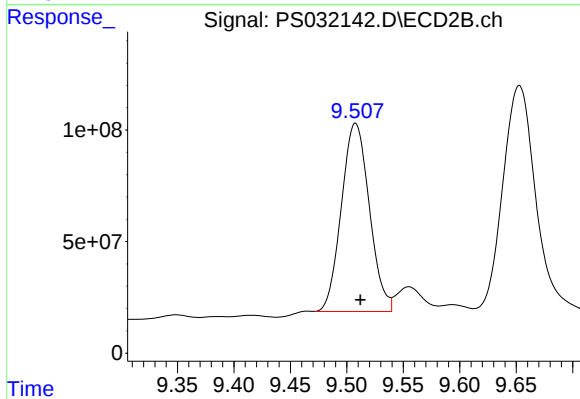
#9 2,4-D

R.T.: 9.004 min
Delta R.T.: 0.009 min
Response: 117553398
Conc: 56.56 ng/ml m



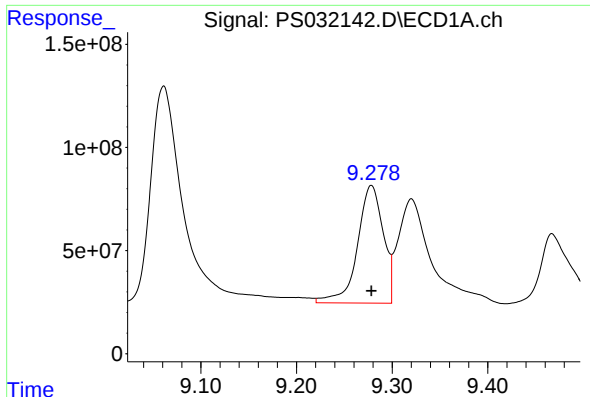
#10 Pentachlorophenol

R.T.: 8.699 min
Delta R.T.: -0.016 min
Response: 2416679185
Conc: 36.01 ng/ml



#10 Pentachlorophenol

R.T.: 9.507 min
Delta R.T.: -0.005 min
Response: 1454315633
Conc: 28.06 ng/ml m



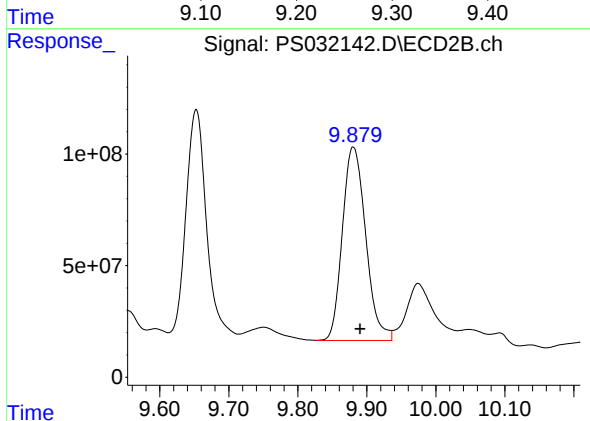
#11 2,4,5-TP (SILVEX)

R.T.: 9.278 min
Delta R.T.: 0.000 min
Response: 1069599010
Conc: 37.87 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-6MSD

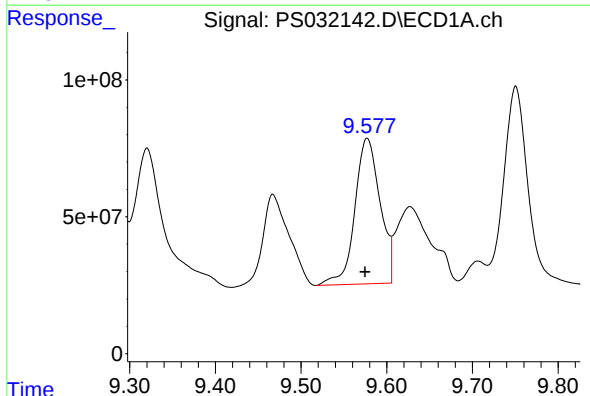
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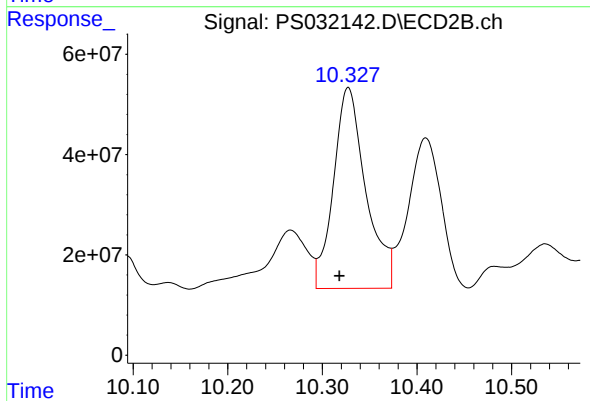
#11 2,4,5-TP (SILVEX)

R.T.: 9.879 min
Delta R.T.: -0.011 min
Response: 2043146262
Conc: 101.78 ng/ml m



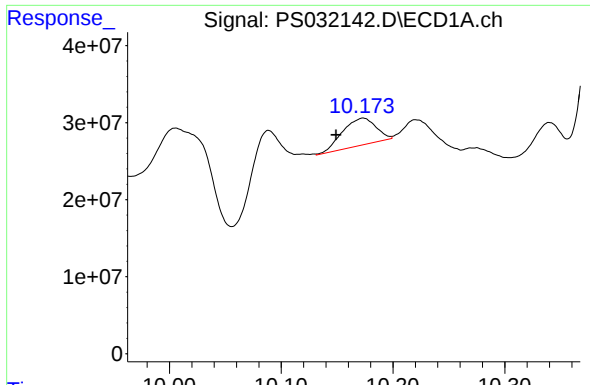
#12 2,4,5-T

R.T.: 9.577 min
Delta R.T.: 0.003 min
Response: 1088988986
Conc: 43.14 ng/ml



#12 2,4,5-T

R.T.: 10.327 min
Delta R.T.: 0.009 min
Response: 953417751
Conc: 55.61 ng/ml



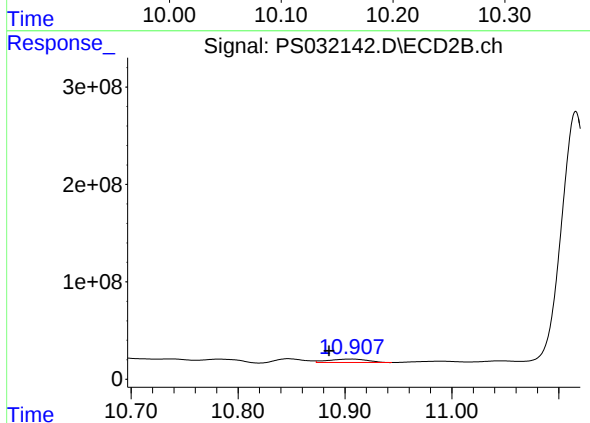
#13 2,4-DB

R.T.: 10.172 min
Delta R.T.: 0.024 min
Response: 73885066
Conc: 23.83 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-6MSD

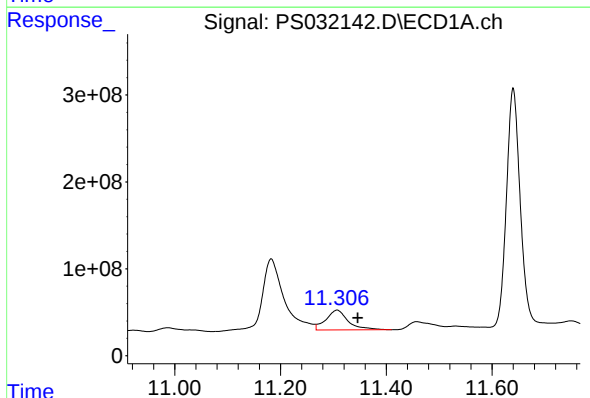
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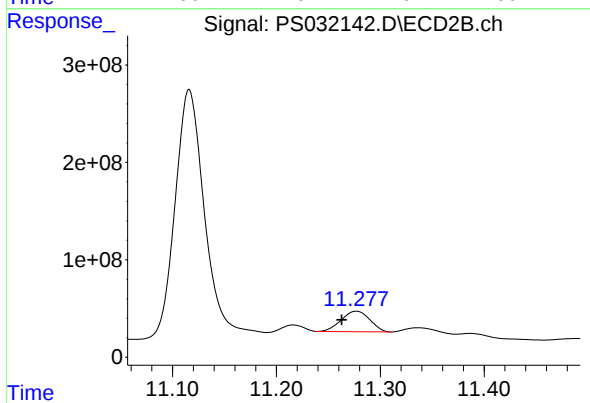
#13 2,4-DB

R.T.: 10.906 min
Delta R.T.: 0.020 min
Response: 86856420
Conc: 67.22 ng/ml



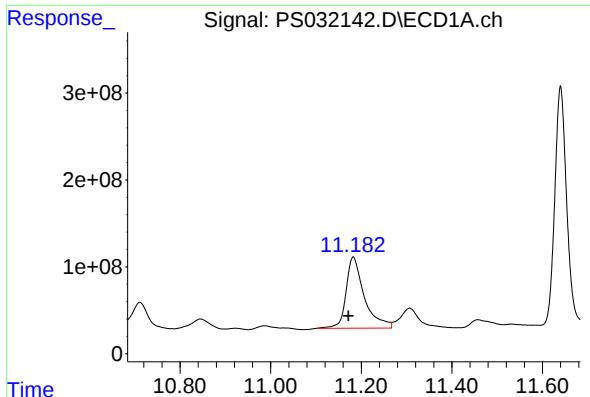
#14 DINOSEB

R.T.: 11.307 min
Delta R.T.: -0.039 min
Response: 668599419
Conc: 29.98 ng/ml



#14 DINOSEB

R.T.: 11.277 min
Delta R.T.: 0.014 min
Response: 402452019
Conc: 26.47 ng/ml m



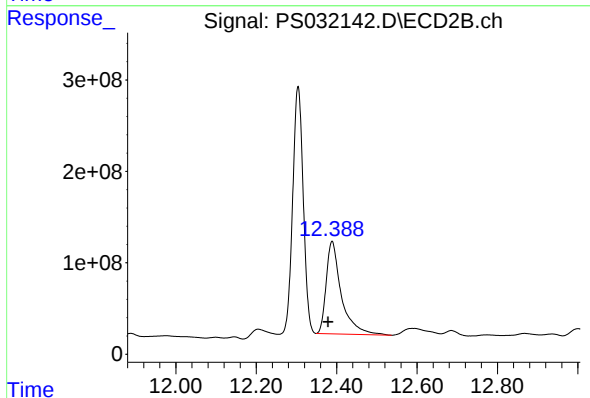
#15 Picloram

R.T.: 11.182 min
Delta R.T.: 0.011 min
Response: 2294393195
Conc: 97.31 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-6MSD

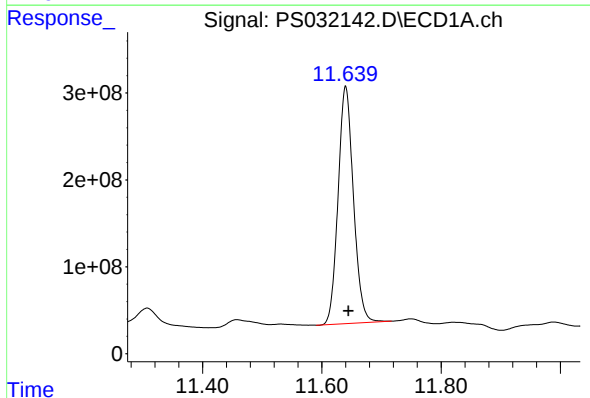
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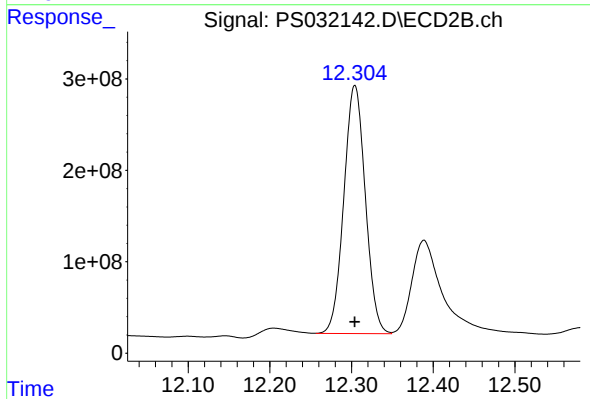
#15 Picloram

R.T.: 12.389 min
Delta R.T.: 0.010 min
Response: 2637294619
Conc: 79.22 ng/ml



#16 DCPA

R.T.: 11.640 min
Delta R.T.: -0.005 min
Response: 4879402491
Conc: 132.81 ng/ml



#16 DCPA

R.T.: 12.304 min
Delta R.T.: 0.000 min
Response: 4971222064
Conc: 149.68 ng/ml m