

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS091225\
 Data File : PS031728.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Sep 2025 17:57
 Operator : AR\AJ
 Sample : Q3054-01MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 MH-385MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/15/2025
 Supervised By :mohammad ahmed 09/16/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 15 02:27:06 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS090925.M
 Quant Title : 8080.M
 QLast Update : Tue Sep 09 13:56:38 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	7.283	7.743	1581.0E6	391.3E6	438.983	430.567
Target Compounds							
1) T	Dalapon	2.628f	2.657f	1281.3E6	1404.3E6	221.646m	498.383m#
2) T	3,5-DICHL...	6.452	6.695	1615.3E6	368.5E6	302.871	241.666
3) T	4-Nitroph...	7.092	7.298	188.1E6	346.0E6	170.544m	273.981 #
5) T	DICAMBA	7.468	7.939	4509.2E6	1829.4E6	289.114	281.144
6) T	MCPD	7.645	8.037	215.6E6	51299763	24.119	27.238
7) T	MCPA	7.794	8.280	325.0E6	64538881	29.254	23.040
8) T	DICHLORPROP	8.176	8.657	1088.0E6	433.9E6	305.459	298.217
9) T	2,4-D	8.411	8.998	1437.8E6	537.1E6	419.711	326.477
10) T	Pentachlo...	8.707	9.508	15089.0E6	10323.2E6	284.195	260.092
11) T	2,4,5-TP ...	9.284	9.890	5970.8E6	4552.8E6	284.683	302.427m
12) T	2,4,5-T	9.580	10.322	6049.6E6	4118.4E6	330.610	306.042
13) T	2,4-DB	10.156	10.888	600.9E6	266.0E6	257.606m	248.592
14) T	DINOSEB	11.354	11.271	733.9E6	657.1E6	50.887m	67.597m#
15) T	Picloram	11.182	12.384	5966.2E6	5637.2E6	331.254	238.024 #
16) T	DCPA	11.650	12.306	5978.3E6	6915.2E6	221.830m	286.889m#

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

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Acq On : 12 Sep 2025 17:57
Operator : AR\AJ
Sample : Q3054-01MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

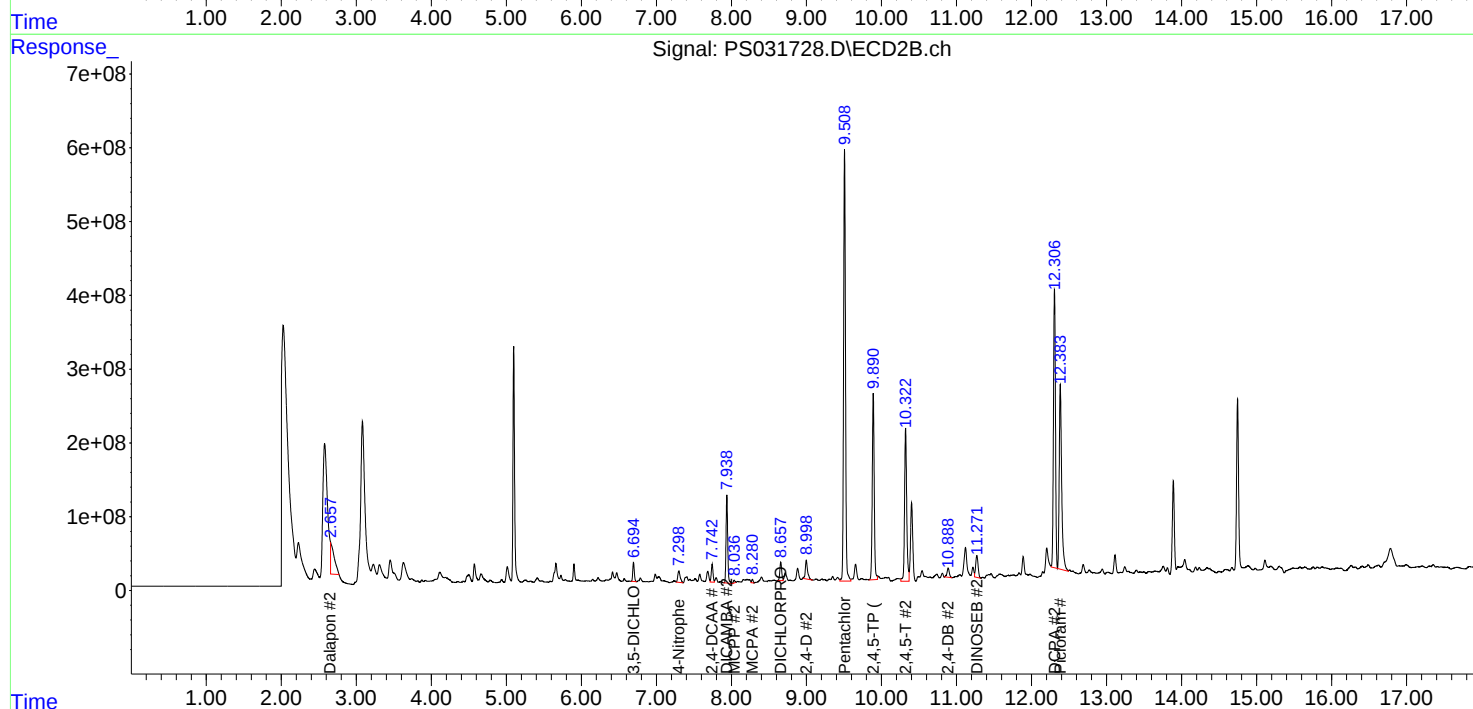
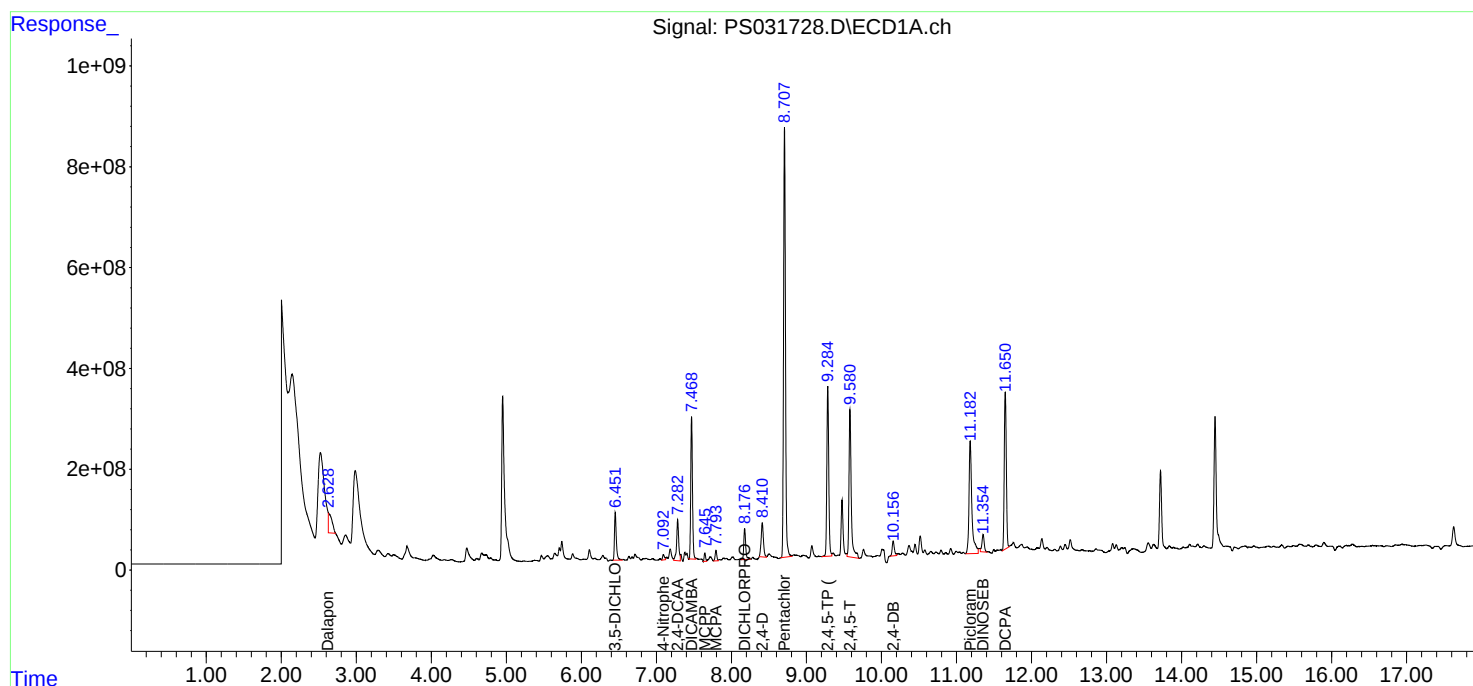
Instrument :
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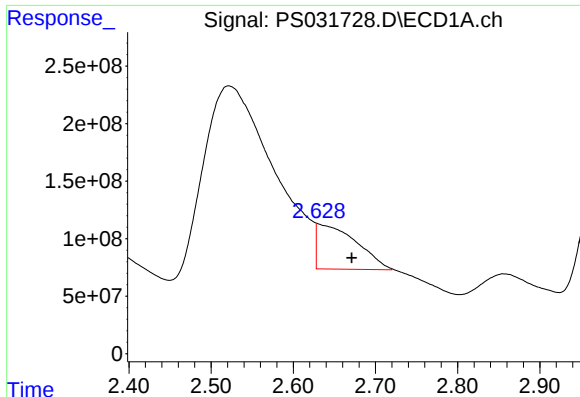
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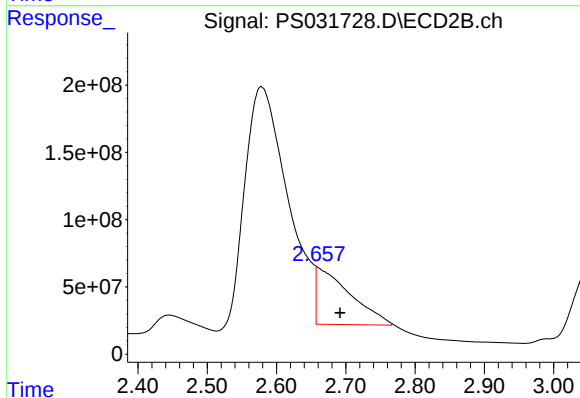
#1 Dalapon

R.T.: 2.628 min
Delta R.T.: -0.043 min
Response: 1281280062
Conc: 221.65 ng/ml

Instrument :
ECD_S
ClientSampleId :
MH-385MSD

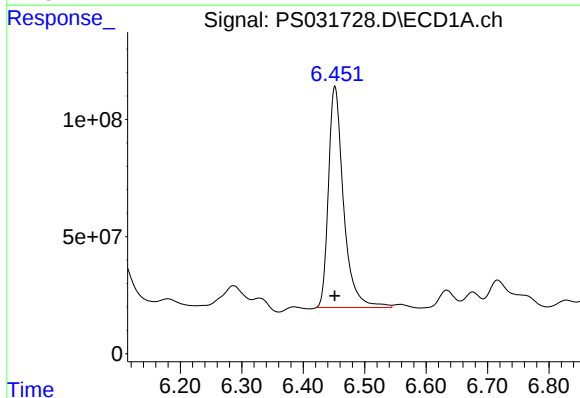
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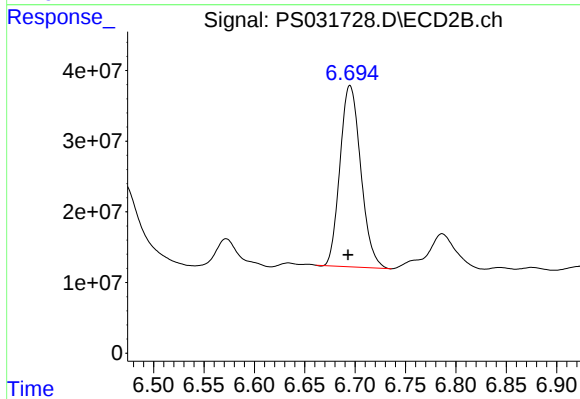
#1 Dalapon

R.T.: 2.657 min
Delta R.T.: -0.035 min
Response: 1404256835
Conc: 498.38 ng/ml m



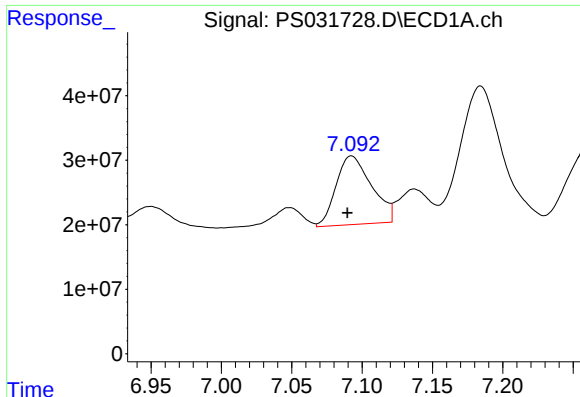
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.452 min
Delta R.T.: 0.000 min
Response: 1615318788
Conc: 302.87 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.695 min
Delta R.T.: 0.002 min
Response: 368532698
Conc: 241.67 ng/ml



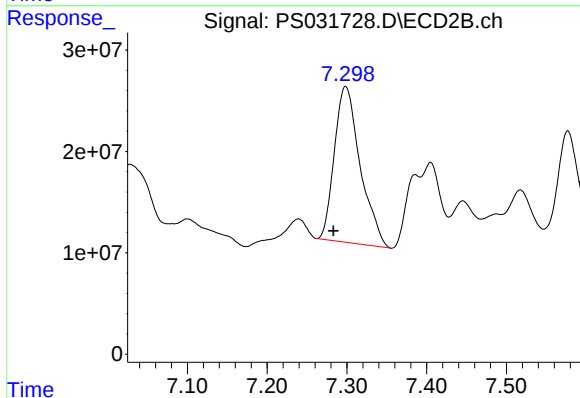
#3 4-Nitrophenol

R.T.: 7.092 min
Delta R.T.: 0.002 min
Response: 188145315
Conc: 170.54 ng/ml

Instrument :
ECD_S
ClientSampleId :
MH-385MSD

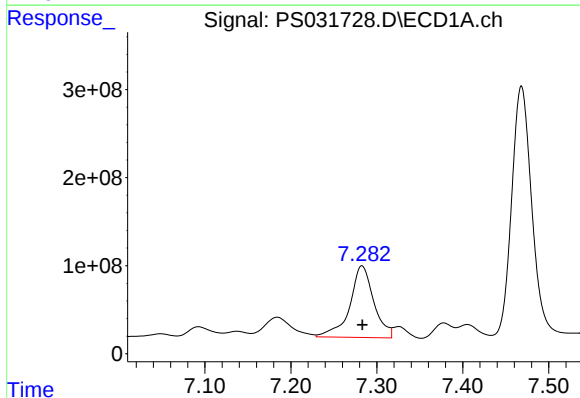
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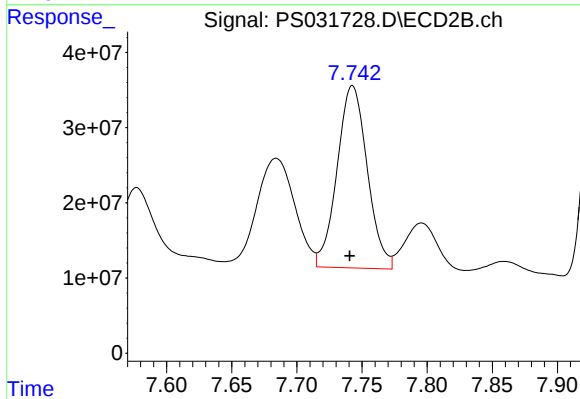
#3 4-Nitrophenol

R.T.: 7.298 min
Delta R.T.: 0.016 min
Response: 345979312
Conc: 273.98 ng/ml



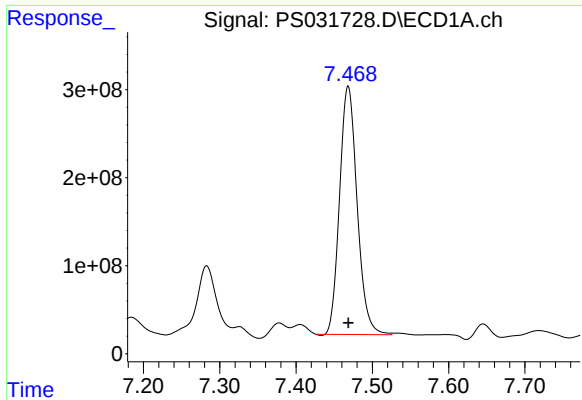
#4 2,4-DCAA

R.T.: 7.283 min
Delta R.T.: 0.000 min
Response: 1581007827
Conc: 438.98 ng/ml



#4 2,4-DCAA

R.T.: 7.743 min
Delta R.T.: 0.002 min
Response: 391342351
Conc: 430.57 ng/ml



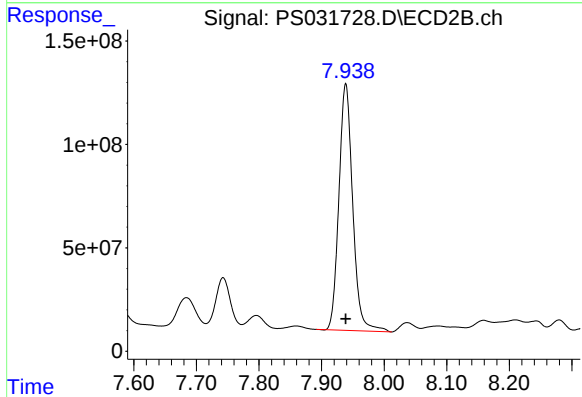
#5 DICAMBA

R.T.: 7.468 min
Delta R.T.: 0.000 min
Response: 4509223804
Conc: 289.11 ng/ml

Instrument :
ECD_S
ClientSampleId :
MH-385MSD

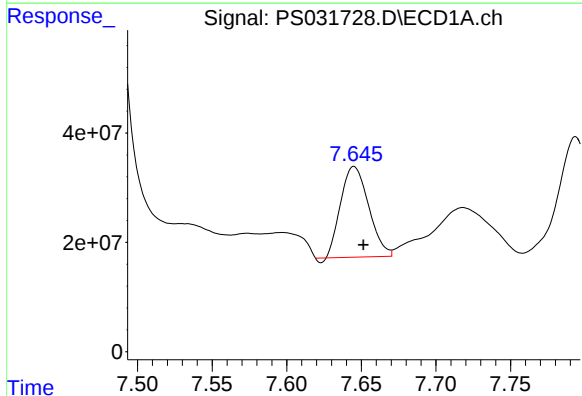
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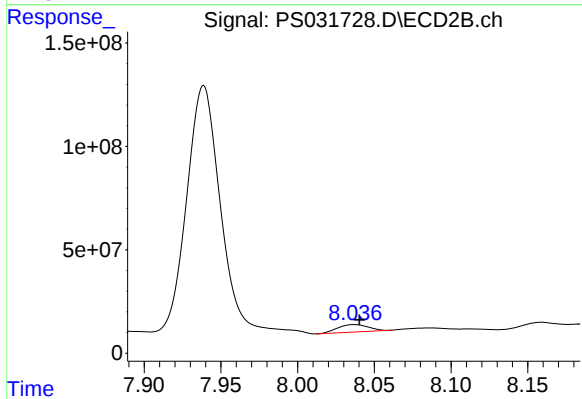
#5 DICAMBA

R.T.: 7.939 min
Delta R.T.: 0.000 min
Response: 1829361808
Conc: 281.14 ng/ml



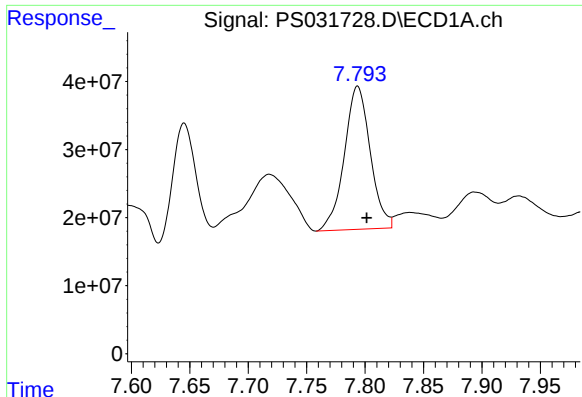
#6 MCPP

R.T.: 7.645 min
Delta R.T.: -0.006 min
Response: 215603347
Conc: 24.12 ug/ml



#6 MCPP

R.T.: 8.037 min
Delta R.T.: -0.003 min
Response: 51299763
Conc: 27.24 ug/ml



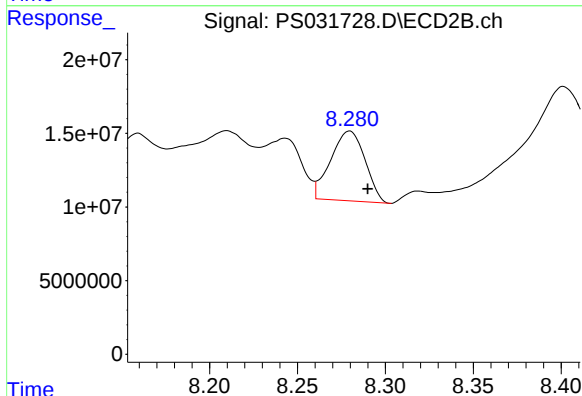
#7 MCPA

R.T.: 7.794 min
Delta R.T.: -0.008 min
Response: 325028785
Conc: 29.25 ug/ml

Instrument :
ECD_S
ClientSampleId :
MH-385MSD

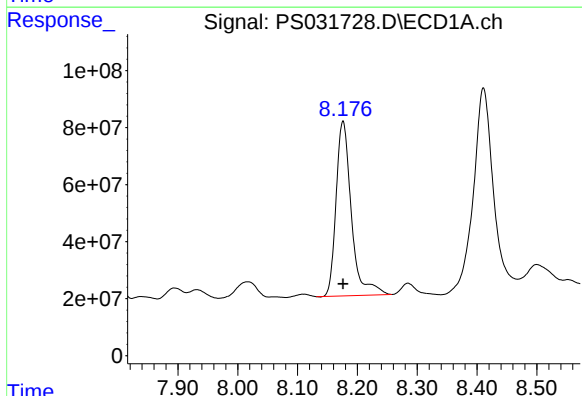
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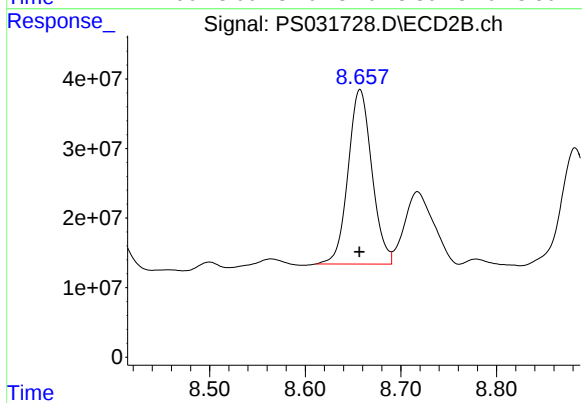
#7 MCPA

R.T.: 8.280 min
Delta R.T.: -0.010 min
Response: 64538881
Conc: 23.04 ug/ml



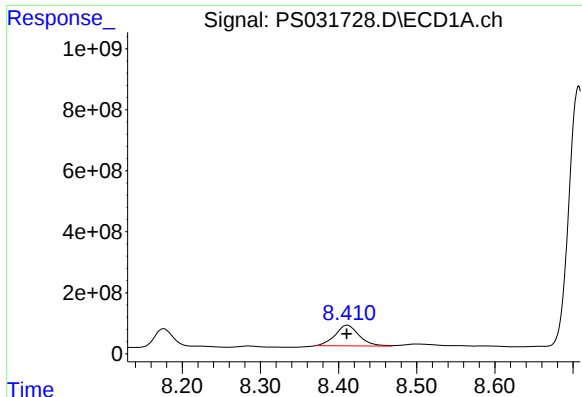
#8 DICHLORPROP

R.T.: 8.176 min
Delta R.T.: 0.000 min
Response: 1087972512
Conc: 305.46 ng/ml



#8 DICHLORPROP

R.T.: 8.657 min
Delta R.T.: 0.000 min
Response: 433923074
Conc: 298.22 ng/ml



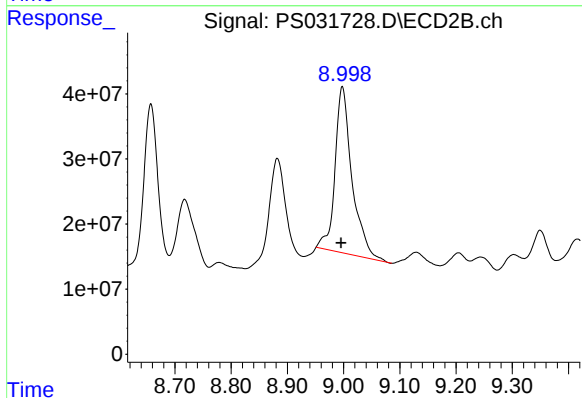
#9 2,4-D

R.T.: 8.411 min
Delta R.T.: 0.000 min
Response: 1437778412
Conc: 419.71 ng/ml

Instrument :
ECD_S
ClientSampleId :
MH-385MSD

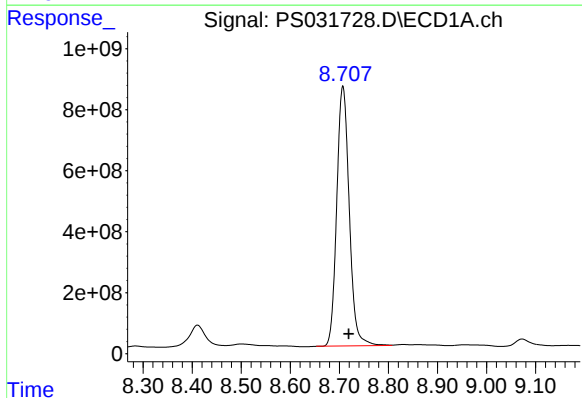
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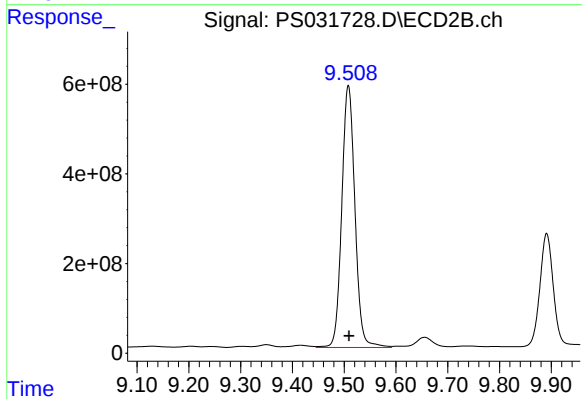
#9 2,4-D

R.T.: 8.998 min
Delta R.T.: 0.002 min
Response: 537090462
Conc: 326.48 ng/ml



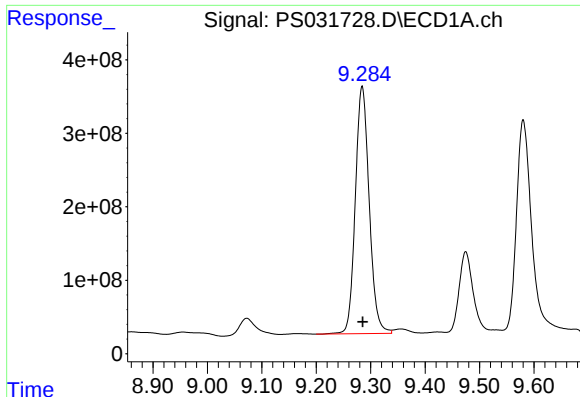
#10 Pentachlorophenol

R.T.: 8.707 min
Delta R.T.: -0.012 min
Response: 15089012400
Conc: 284.20 ng/ml



#10 Pentachlorophenol

R.T.: 9.508 min
Delta R.T.: -0.002 min
Response: 10323201039
Conc: 260.09 ng/ml



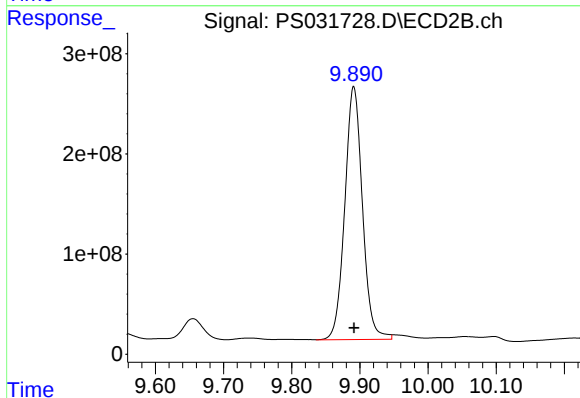
#11 2,4,5-TP (SILVEX)

R.T.: 9.284 min
Delta R.T.: 0.000 min
Response: 5970842009
Conc: 284.68 ng/ml

Instrument :
ECD_S
ClientSampleId :
MH-385MSD

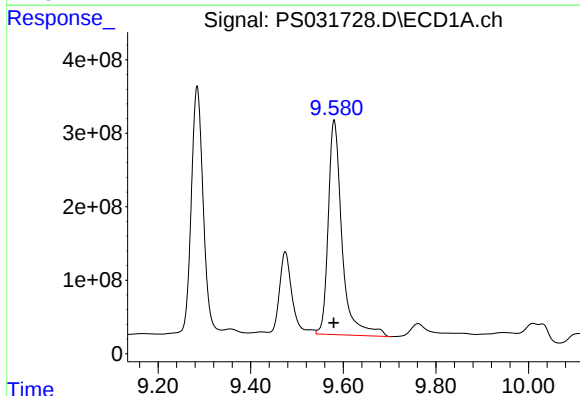
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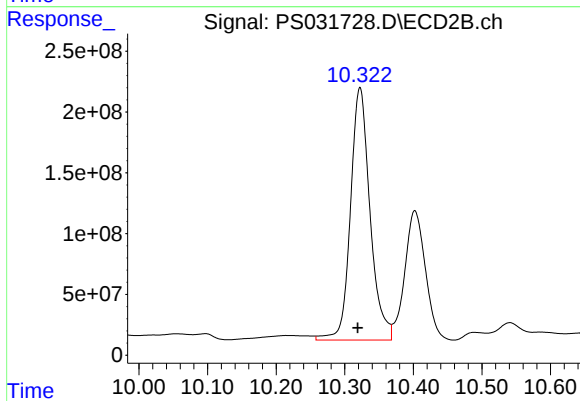
#11 2,4,5-TP (SILVEX)

R.T.: 9.890 min
Delta R.T.: -0.001 min
Response: 4552828078
Conc: 302.43 ng/ml m



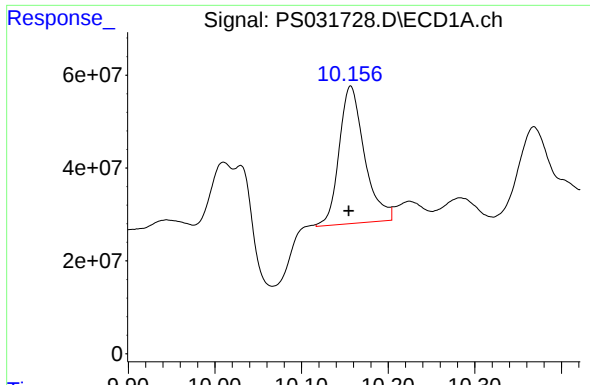
#12 2,4,5-T

R.T.: 9.580 min
Delta R.T.: 0.000 min
Response: 6049555555
Conc: 330.61 ng/ml



#12 2,4,5-T

R.T.: 10.322 min
Delta R.T.: 0.003 min
Response: 4118412783
Conc: 306.04 ng/ml



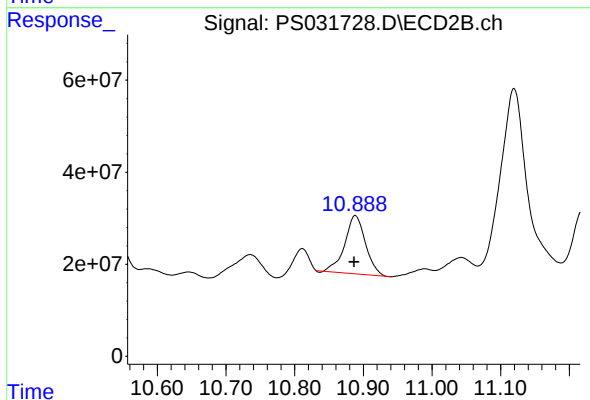
#13 2,4-DB

R.T.: 10.156 min
Delta R.T.: 0.002 min
Response: 600934747
Conc: 257.61 ng/ml

Instrument :
ECD_S
ClientSampleId :
MH-385MSD

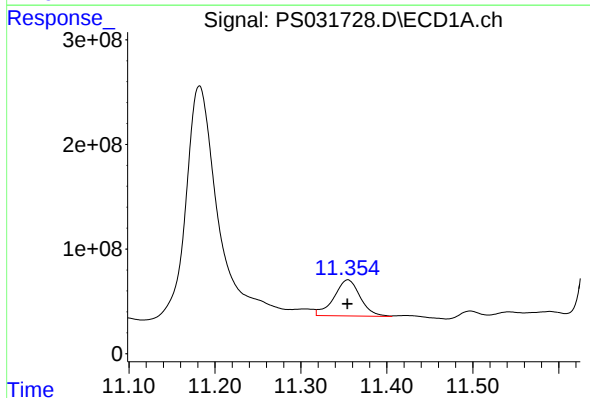
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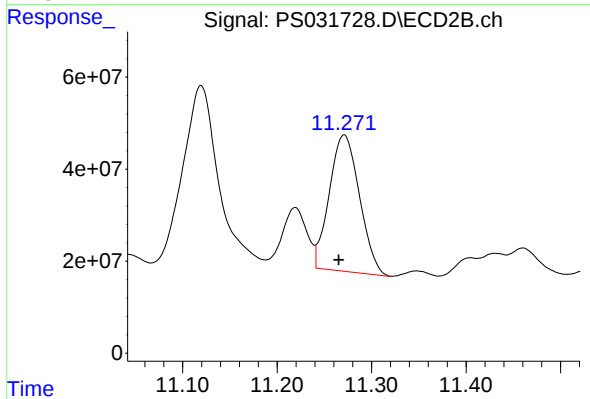
#13 2,4-DB

R.T.: 10.888 min
Delta R.T.: 0.002 min
Response: 266004894
Conc: 248.59 ng/ml



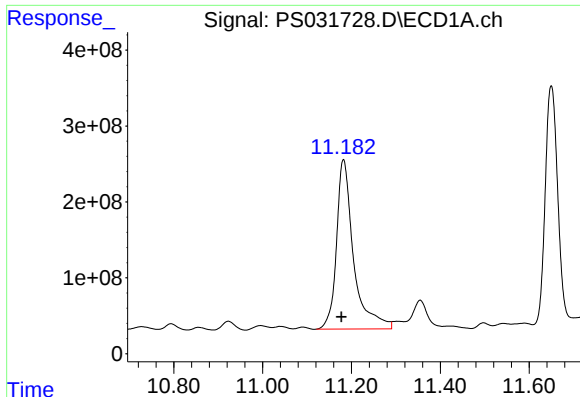
#14 DINOSEB

R.T.: 11.354 min
Delta R.T.: 0.000 min
Response: 733929648
Conc: 50.89 ng/ml m



#14 DINOSEB

R.T.: 11.271 min
Delta R.T.: 0.006 min
Response: 657084691
Conc: 67.60 ng/ml m



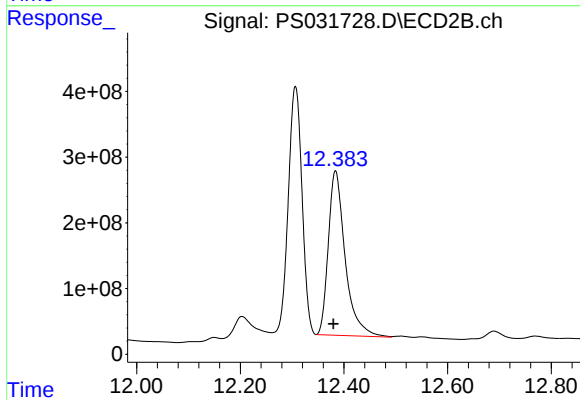
#15 Picloram

R.T.: 11.182 min
Delta R.T.: 0.004 min
Response: 5966240787
Conc: 331.25 ng/ml

Instrument :
ECD_S
ClientSampleId :
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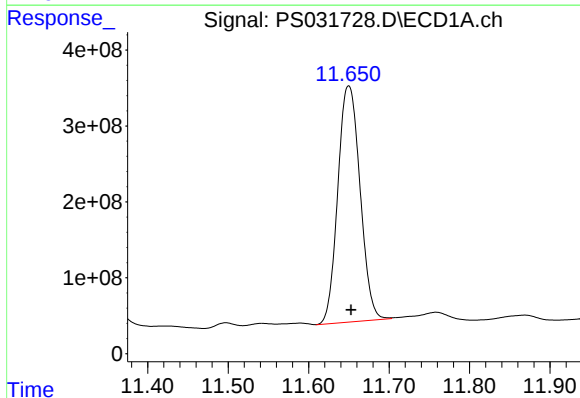
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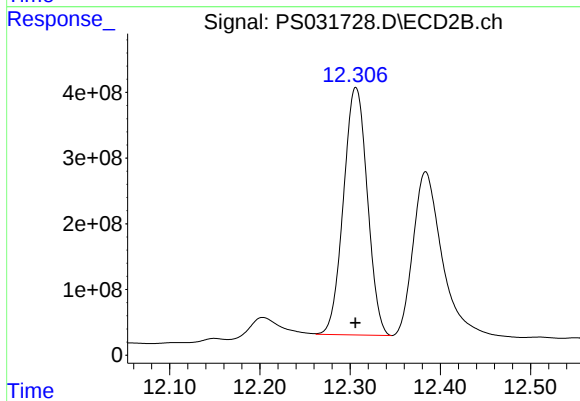
#15 Picloram

R.T.: 12.384 min
Delta R.T.: 0.004 min
Response: 5637174818
Conc: 238.02 ng/ml



#16 DCPA

R.T.: 11.650 min
Delta R.T.: -0.003 min
Response: 5978301698
Conc: 221.83 ng/ml m



#16 DCPA

R.T.: 12.306 min
Delta R.T.: 0.000 min
Response: 6915211837
Conc: 286.89 ng/ml m