

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS080425\
 Data File : PS031365.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Aug 2025 21:01
 Operator : AR\AJ
 Sample : Q2753-01MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 289MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 08/05/2025
 Supervised By :mohammad ahmed 08/06/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 05 01:48:54 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072925.M
 Quant Title : 8080.M
 QLast Update : Tue Jul 29 18:38:25 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	7.300	7.753	1359.2E6	311.0E6	466.528	372.462
Target Compounds							
1) T	Dalapon	2.676	2.698	839.9E6	811.3E6	174.098m	330.317m#
2) T	3,5-DICHL...	6.465	6.704	1291.1E6	339.5E6	302.878m	262.694
3) T	4-Nitroph...	7.103	7.299	152.9E6	209.7E6	150.200	162.405
5) T	DICAMBA	7.486	7.952	4156.2E6	1600.7E6	321.675m	295.282m
6) T	MCPD	7.665	8.053	154.6E6	51254653	19.223m	29.984m#
7) T	MCPA	7.814	8.297	232.5E6	42953141	23.784	16.559 #
8) T	DICHLORPROP	8.196	8.672	823.5E6	355.9E6	270.903	273.723
9) T	2,4-D	8.429	9.010	1084.5E6	485.7E6	418.181	348.057
10) T	Pentachlo...	8.728	9.525	11847.4E6	7711.2E6	260.504m	230.209
11) T	2,4,5-TP ...	9.308	9.909	4256.2E6	2985.3E6	255.458	235.014
12) T	2,4,5-T	9.602	10.338	4269.7E6	2868.9E6	321.010	245.946
13) T	2,4-DB	10.179	10.906	426.0E6	188.0E6	243.787m	194.634m
14) T	DINOSEB	11.383	11.288	408.6E6	343.6E6	35.640m	36.789
15) T	Picloram	11.204	12.402	4501.8E6	5697.0E6	384.455m	333.255
16) T	DCPA	11.680	12.328	6150.1E6	6874.6E6	296.588m	368.575m

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

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ALS Vial : 13 Sample Multiplier: 1

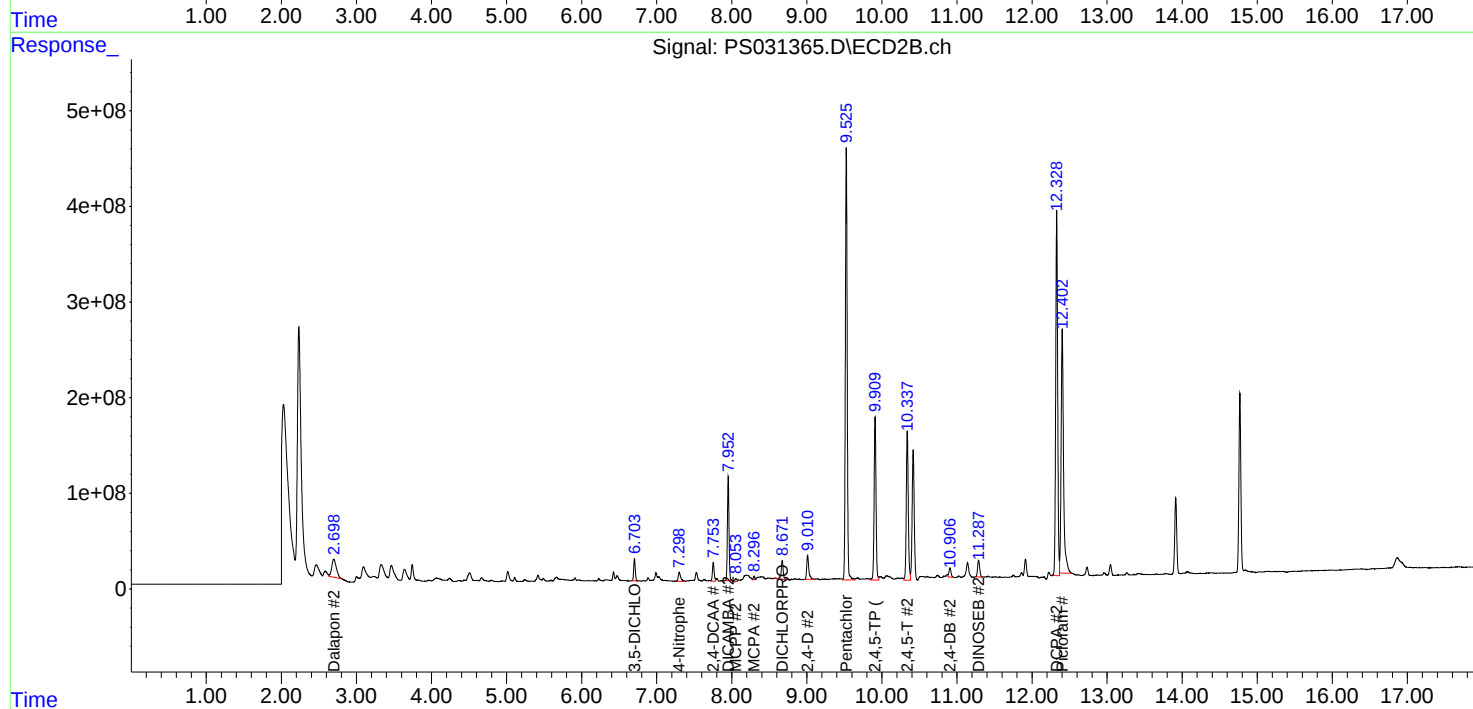
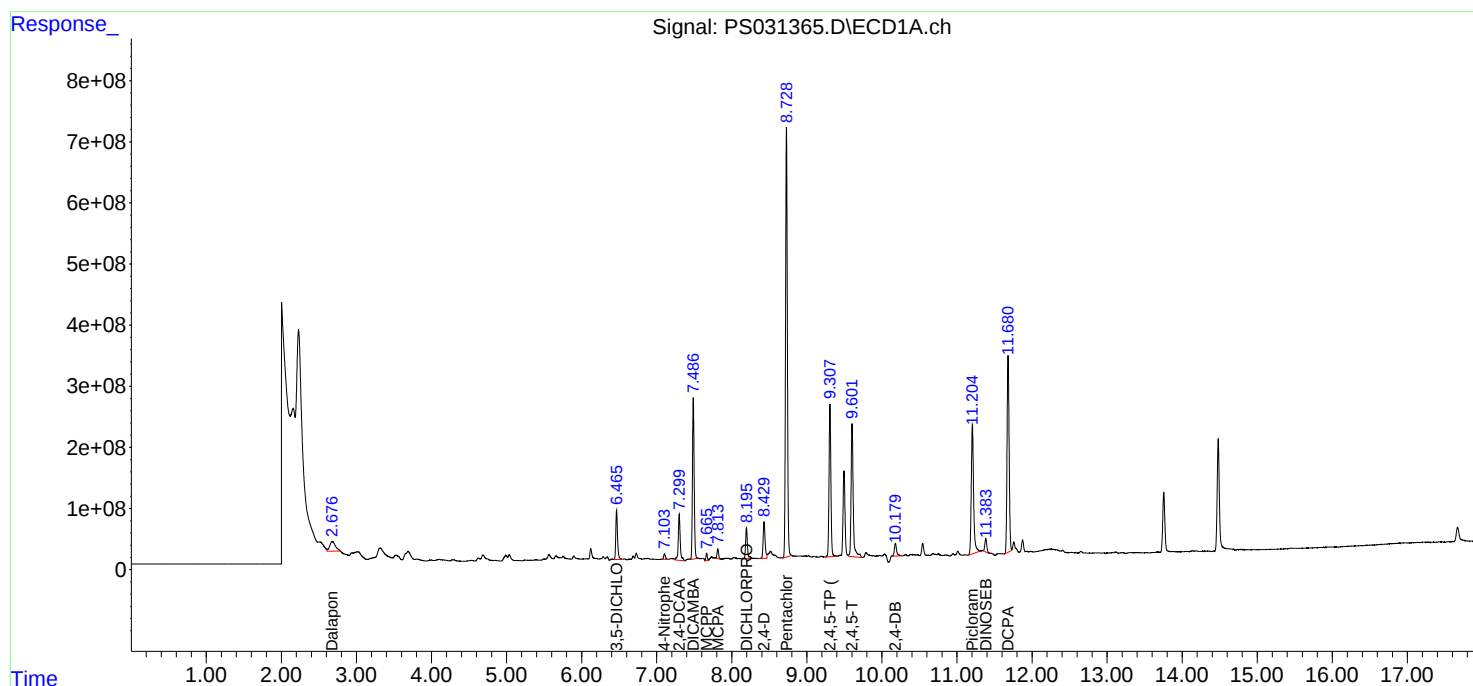
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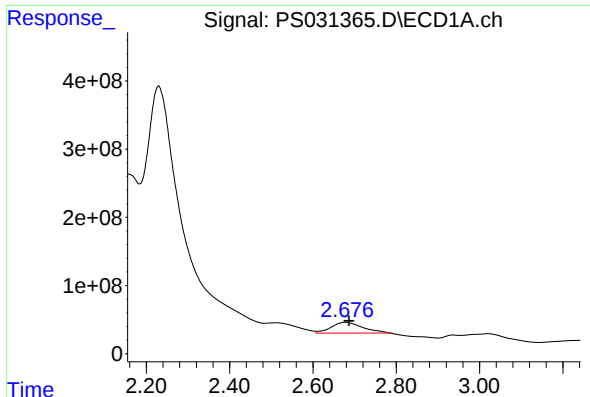
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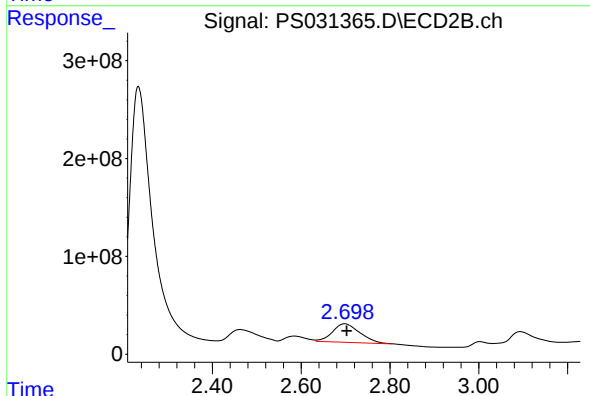
#1 Dalapon

R.T.: 2.676 min
Delta R.T.: -0.011 min
Response: 839944894
Conc: 174.10 ng/ml

Instrument :
ECD_S
ClientSampleId :
289MS

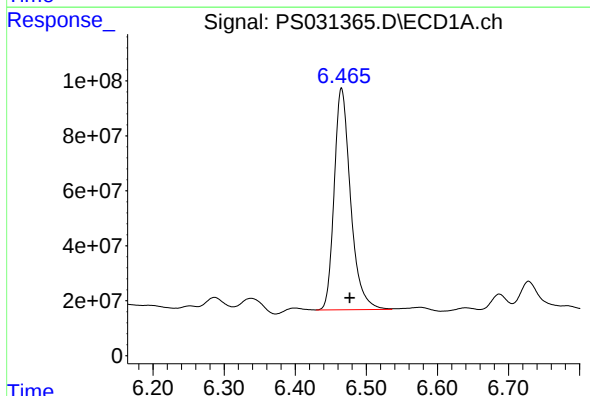
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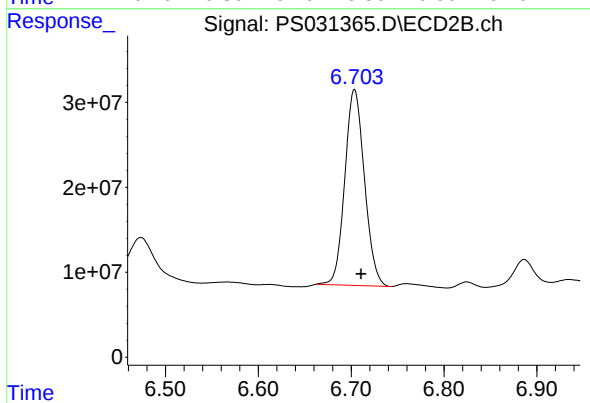
#1 Dalapon

R.T.: 2.698 min
Delta R.T.: -0.005 min
Response: 811319710
Conc: 330.32 ng/ml m



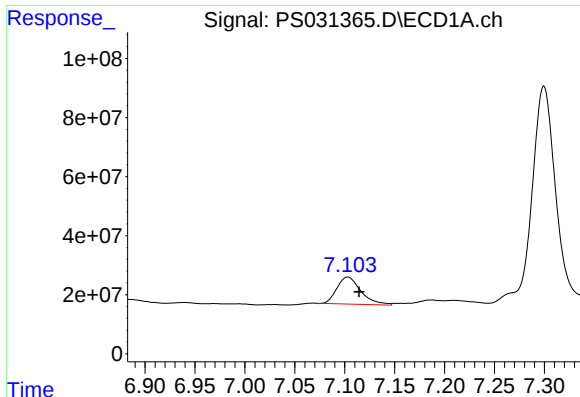
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.465 min
Delta R.T.: -0.012 min
Response: 1291149359
Conc: 302.88 ng/ml m



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.704 min
Delta R.T.: -0.007 min
Response: 339471944
Conc: 262.69 ng/ml



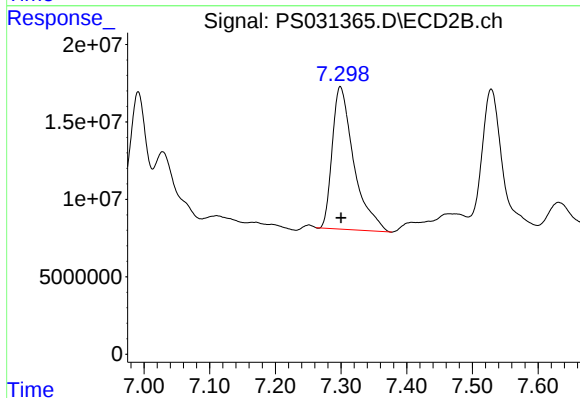
#3 4-Nitrophenol

R.T.: 7.103 min
Delta R.T.: -0.011 min
Response: 152933460
Conc: 150.20 ng/ml

Instrument :
ECD_S
ClientSampleId :
289MS

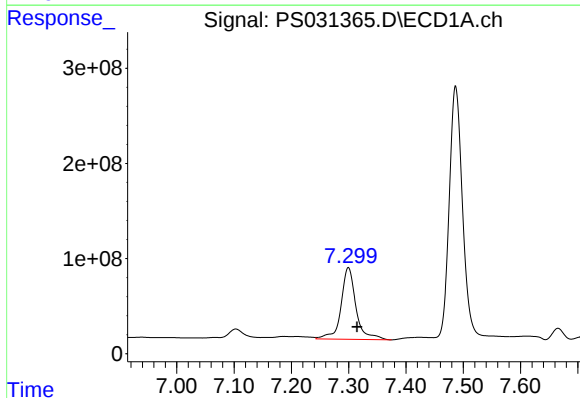
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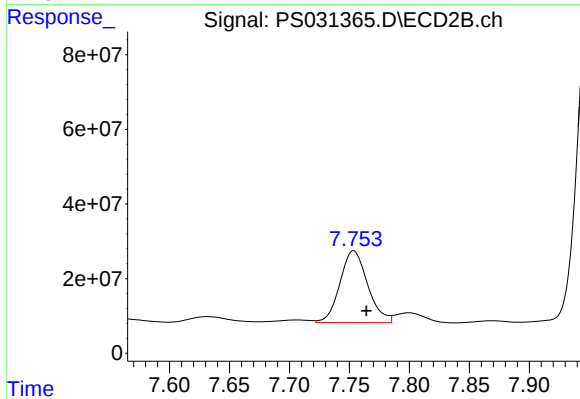
#3 4-Nitrophenol

R.T.: 7.299 min
Delta R.T.: 0.000 min
Response: 209650591
Conc: 162.41 ng/ml



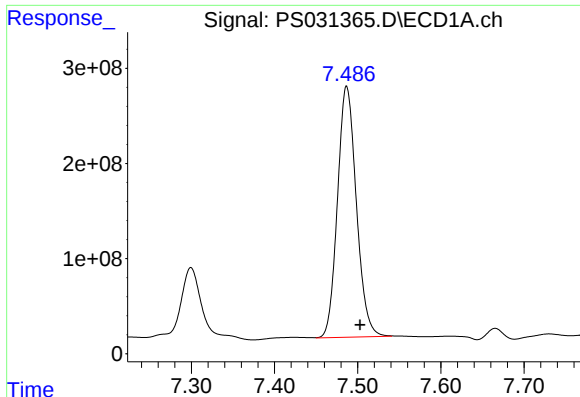
#4 2,4-DCAA

R.T.: 7.300 min
Delta R.T.: -0.015 min
Response: 1359184865
Conc: 466.53 ng/ml



#4 2,4-DCAA

R.T.: 7.753 min
Delta R.T.: -0.011 min
Response: 311035931
Conc: 372.46 ng/ml



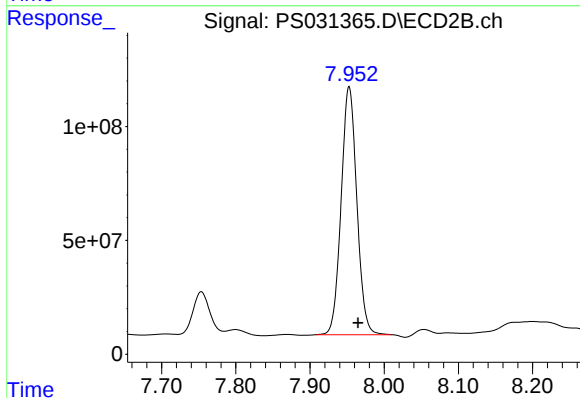
#5 DICAMBA

R.T.: 7.486 min
Delta R.T.: -0.017 min
Response: 4156227320
Conc: 321.67 ng/ml

Instrument :
ECD_S
ClientSampleId :
289MS

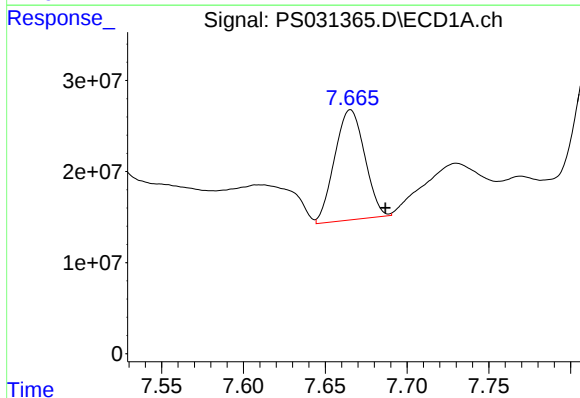
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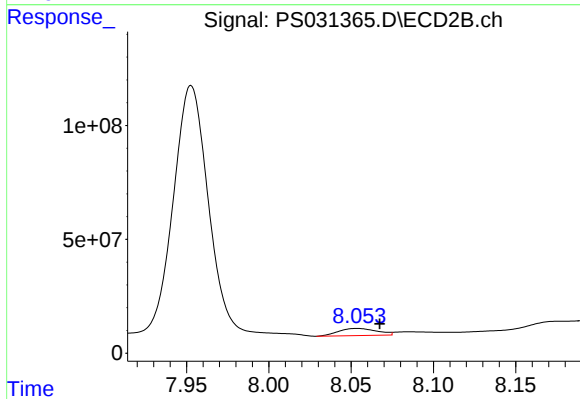
#5 DICAMBA

R.T.: 7.952 min
Delta R.T.: -0.012 min
Response: 1600681219
Conc: 295.28 ng/ml m



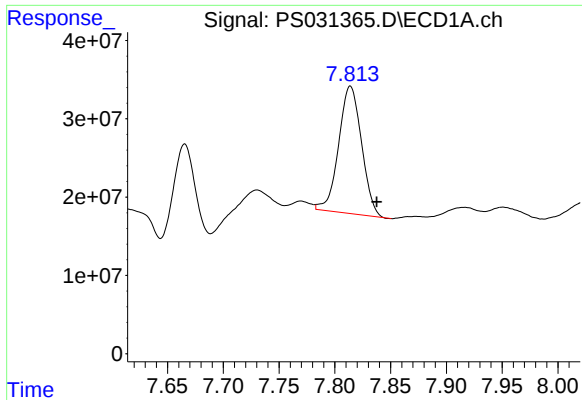
#6 MCPP

R.T.: 7.665 min
Delta R.T.: -0.022 min
Response: 154603686
Conc: 19.22 ug/ml m



#6 MCPP

R.T.: 8.053 min
Delta R.T.: -0.014 min
Response: 51254653
Conc: 29.98 ug/ml m



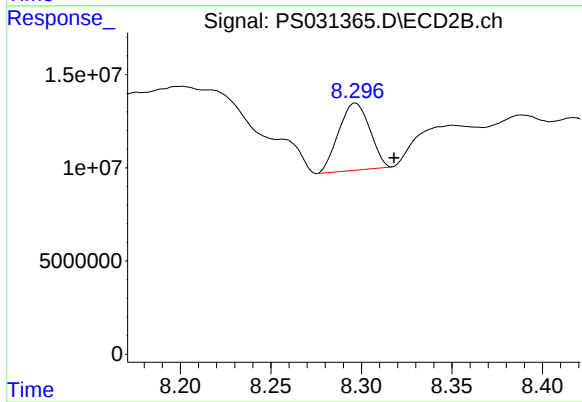
#7 MCPA

R.T.: 7.814 min
Delta R.T.: -0.023 min
Response: 232509351
Conc: 23.78 ug/ml

Instrument :
ECD_S
ClientSampleId :
289MS

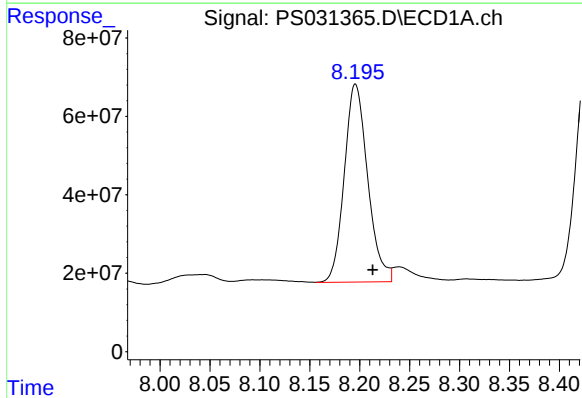
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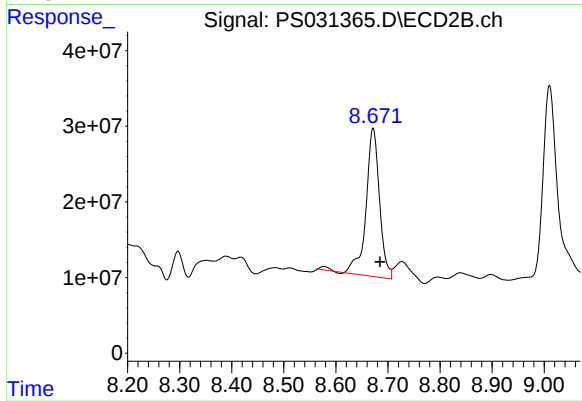
#7 MCPA

R.T.: 8.297 min
Delta R.T.: -0.021 min
Response: 42953141
Conc: 16.56 ug/ml



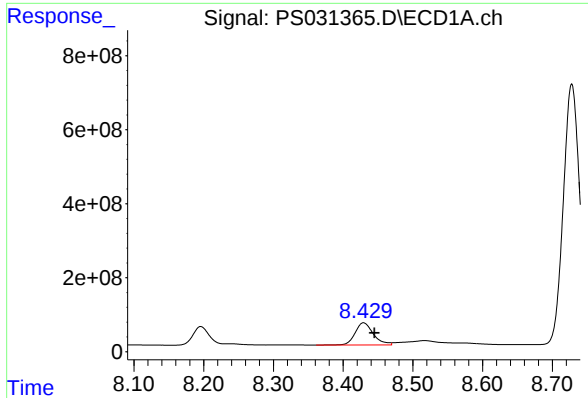
#8 DICHLORPROP

R.T.: 8.196 min
Delta R.T.: -0.017 min
Response: 823548512
Conc: 270.90 ng/ml



#8 DICHLORPROP

R.T.: 8.672 min
Delta R.T.: -0.013 min
Response: 355855489
Conc: 273.72 ng/ml



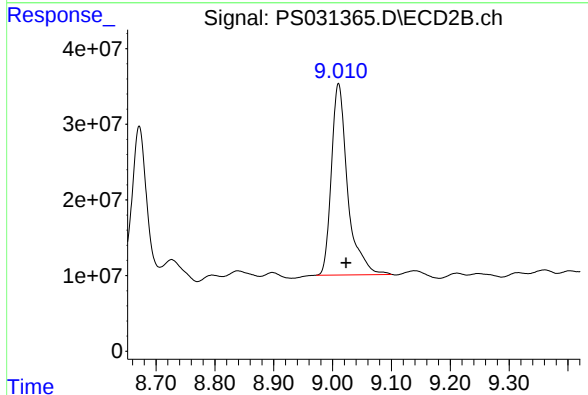
#9 2,4-D

R.T.: 8.429 min
Delta R.T.: -0.016 min
Response: 1084485638
Conc: 418.18 ng/ml

Instrument :
ECD_S
ClientSampleId :
289MS

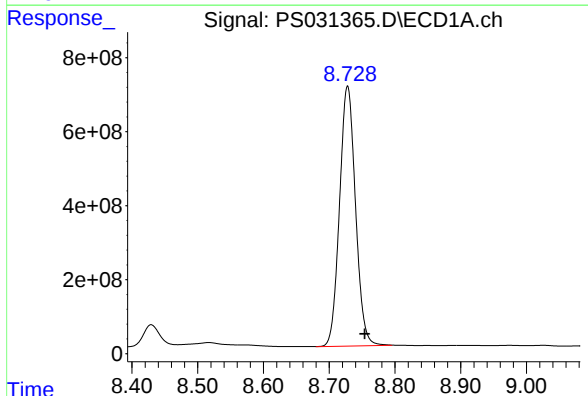
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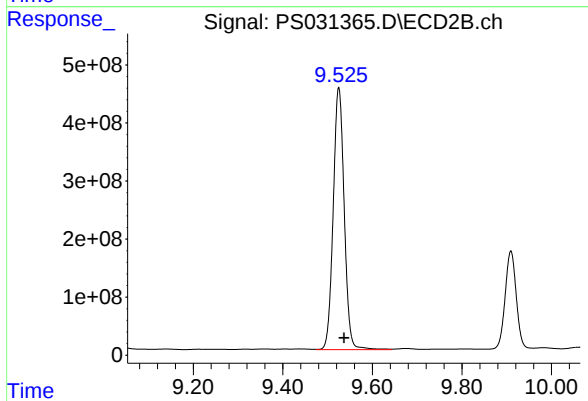
#9 2,4-D

R.T.: 9.010 min
Delta R.T.: -0.013 min
Response: 485723938
Conc: 348.06 ng/ml



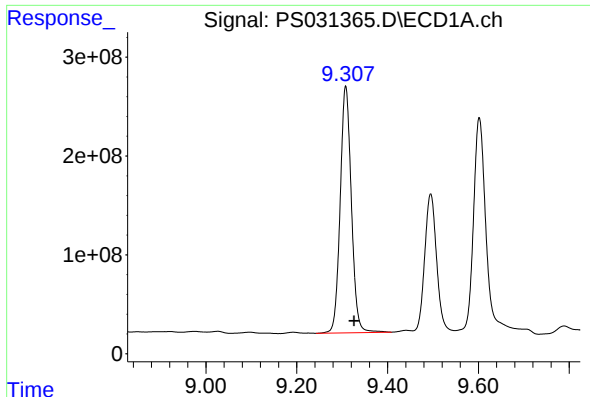
#10 Pentachlorophenol

R.T.: 8.728 min
Delta R.T.: -0.026 min
Response: 11847412003
Conc: 260.50 ng/ml m



#10 Pentachlorophenol

R.T.: 9.525 min
Delta R.T.: -0.012 min
Response: 7711163903
Conc: 230.21 ng/ml



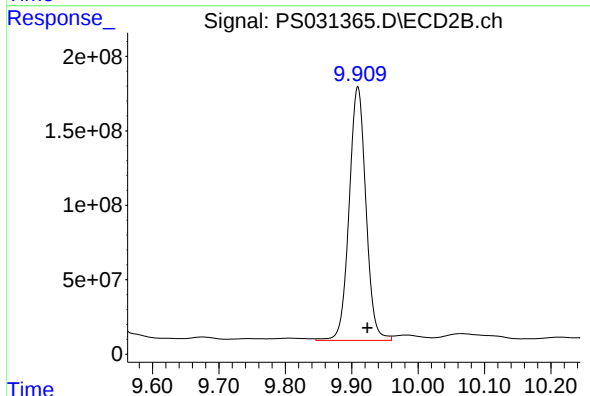
#11 2,4,5-TP (SILVEX)

R.T.: 9.308 min
Delta R.T.: -0.019 min
Response: 4256245618
Conc: 255.46 ng/ml

Instrument :
ECD_S
ClientSampleId :
289MS

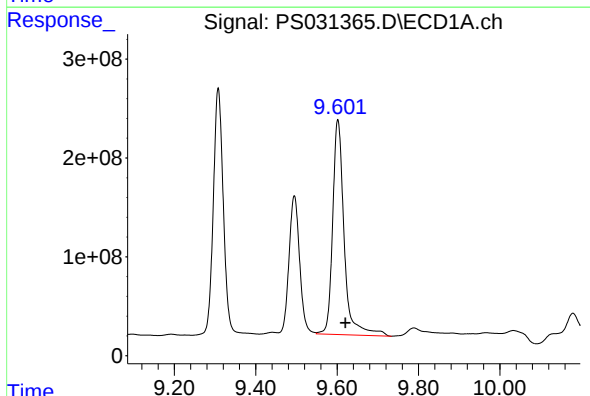
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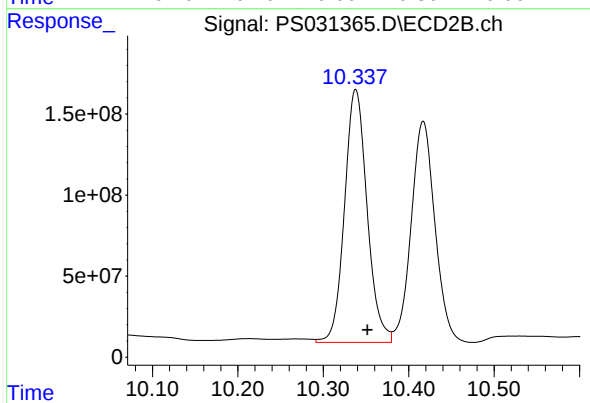
#11 2,4,5-TP (SILVEX)

R.T.: 9.909 min
Delta R.T.: -0.015 min
Response: 2985335702
Conc: 235.01 ng/ml



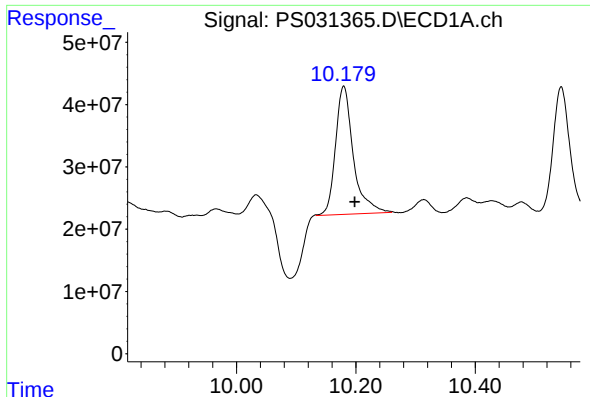
#12 2,4,5-T

R.T.: 9.602 min
Delta R.T.: -0.019 min
Response: 4269667837
Conc: 321.01 ng/ml



#12 2,4,5-T

R.T.: 10.338 min
Delta R.T.: -0.014 min
Response: 2868873394
Conc: 245.95 ng/ml



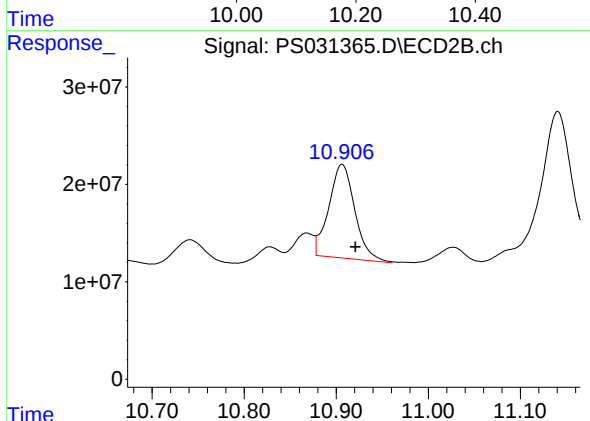
#13 2,4-DB

R.T.: 10.179 min
Delta R.T.: -0.019 min
Response: 425957013
Conc: 243.79 ng/ml

Instrument :
ECD_S
ClientSampleId :
289MS

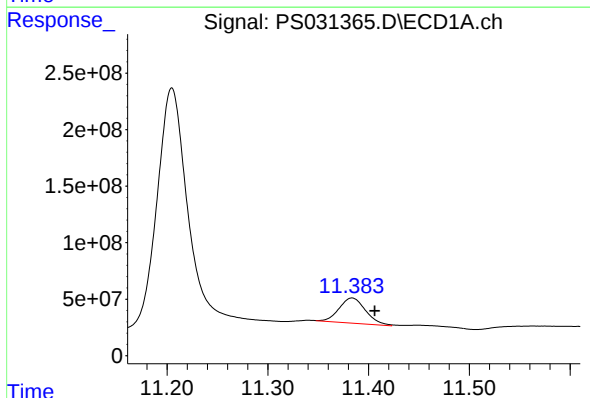
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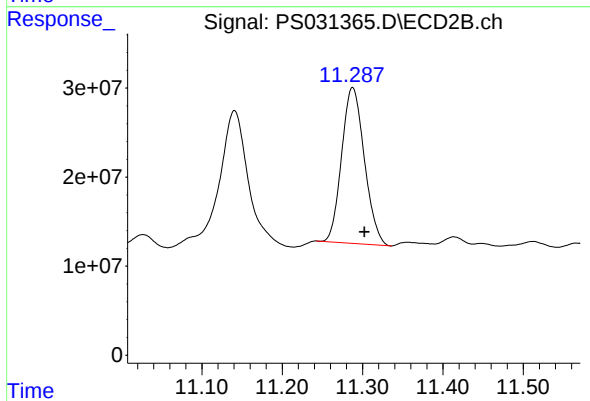
#13 2,4-DB

R.T.: 10.906 min
Delta R.T.: -0.015 min
Response: 187988803
Conc: 194.63 ng/ml m



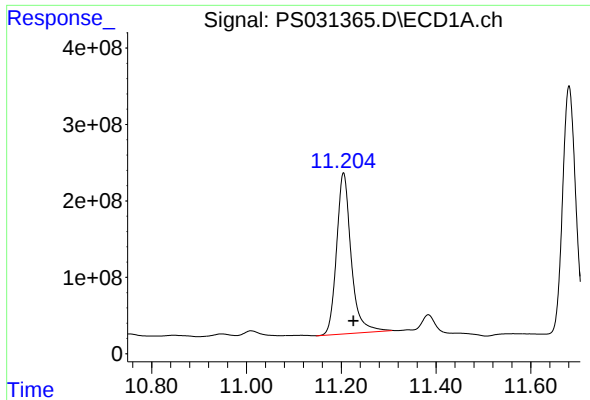
#14 DINOSEB

R.T.: 11.383 min
Delta R.T.: -0.023 min
Response: 408566266
Conc: 35.64 ng/ml m



#14 DINOSEB

R.T.: 11.288 min
Delta R.T.: -0.015 min
Response: 343603886
Conc: 36.79 ng/ml



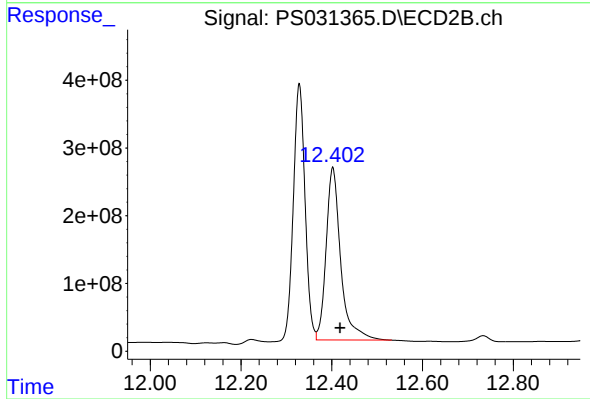
#15 Picloram

R.T.: 11.204 min
Delta R.T.: -0.021 min
Response: 4501827151
Conc: 384.46 ng/ml

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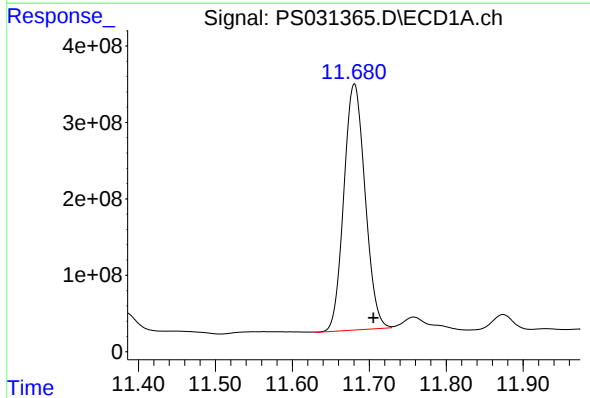
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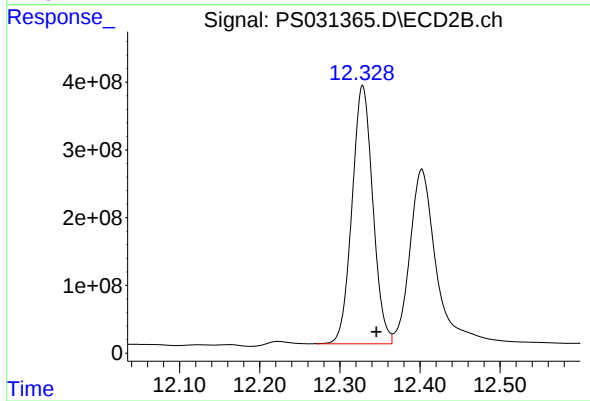
#15 Picloram

R.T.: 12.402 min
Delta R.T.: -0.016 min
Response: 5696976252
Conc: 333.26 ng/ml



#16 DCPA

R.T.: 11.680 min
Delta R.T.: -0.025 min
Response: 6150094615
Conc: 296.59 ng/ml m



#16 DCPA

R.T.: 12.328 min
Delta R.T.: -0.018 min
Response: 6874565883
Conc: 368.57 ng/ml m