

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS062425\
 Data File : PS030820.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Jun 2025 18:42
 Operator : AR\AJ
 Sample : Q2367-05MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 EP-5MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 06/25/2025
 Supervised By :mohammad ahmed 06/26/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 25 01:55:53 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS061825.M
 Quant Title : 8080.M
 QLast Update : Thu Jun 19 05:11:26 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	7.342	7.768	1774.6E6	474.7E6	482.965m	442.827
Target Compounds							
1) T	Dalapon	2.702	2.707	3884.7E6	2030.6E6	651.185	740.606m
2) T	3,5-DICHL...	6.503	6.714	2079.1E6	645.4E6	386.619	400.066m
3) T	4-Nitroph...	7.143	7.301	388.2E6	381.8E6	246.213	220.239
5) T	DICAMBA	7.534	7.971	5812.0E6	2503.1E6	381.992	381.966
6) T	MCP	7.713	8.070	227.9E6	63023486	24.280	30.050m
7) T	MCPA	7.863	8.313	369.8E6	136.3E6	31.526	43.342 #
8) T	DICHLORPROP	8.247	8.690	1316.7E6	617.8E6	351.526	392.862
9) T	2,4-D	8.479	9.025	1589.9E6	709.0E6	461.594m	417.219m
10) T	Pentachlo...	8.786	9.551	18054.6E6	12661.7E6	341.133	332.134
11) T	2,4,5-TP ...	9.368	9.931	6890.7E6	4982.7E6	344.014	345.333m
12) T	2,4,5-T	9.661	10.357	6192.2E6	4814.9E6	376.355	352.363m
13) T	2,4-DB	10.240	10.925	748.2E6	388.2E6	326.235m	328.165
14) T	DINOSEB	11.457	11.310	1002.9E6	739.1E6	72.287	68.557
15) T	Picloram	11.266	12.419	6105.6E6	7892.0E6	379.792m	339.567
16) T	DCPA	11.751	12.354	8020.7E6	9609.3E6	313.111	435.938m#

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

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Acq On : 24 Jun 2025 18:42
Operator : AR\AJ
Sample : Q2367-05MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

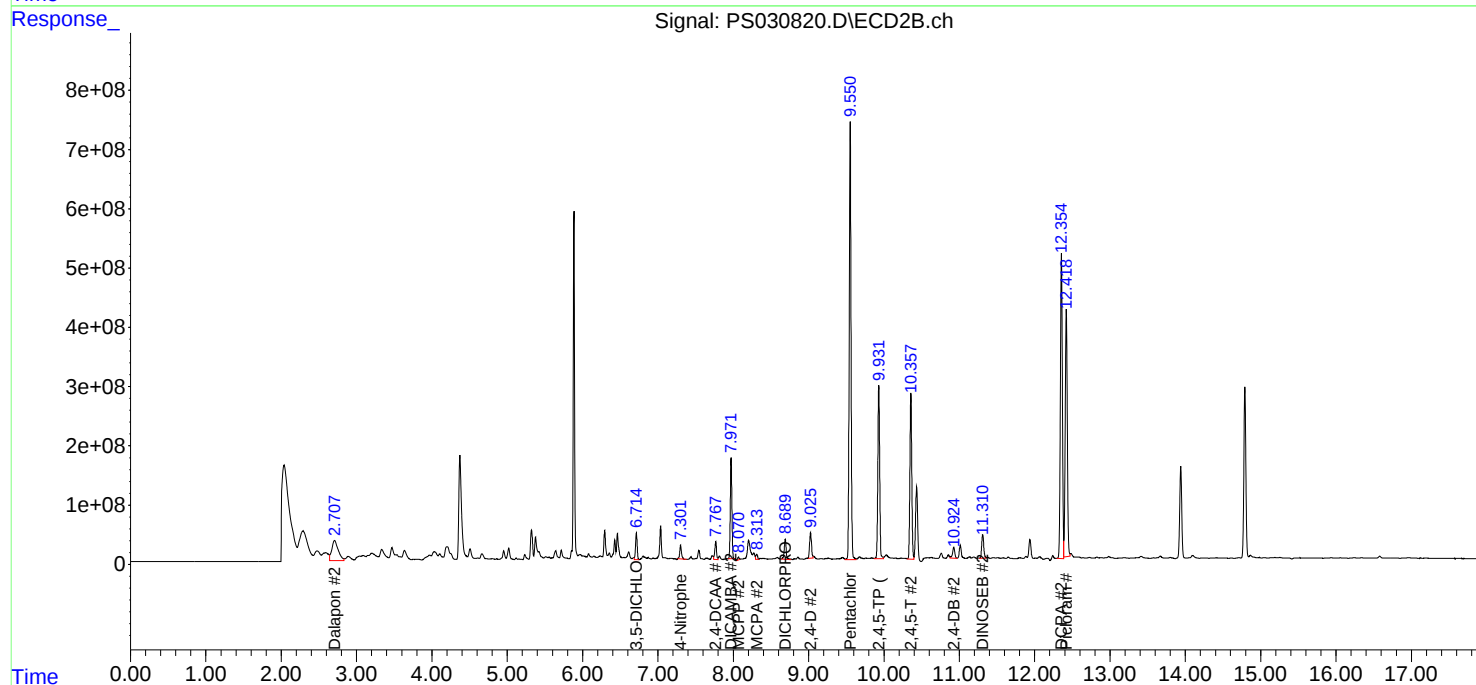
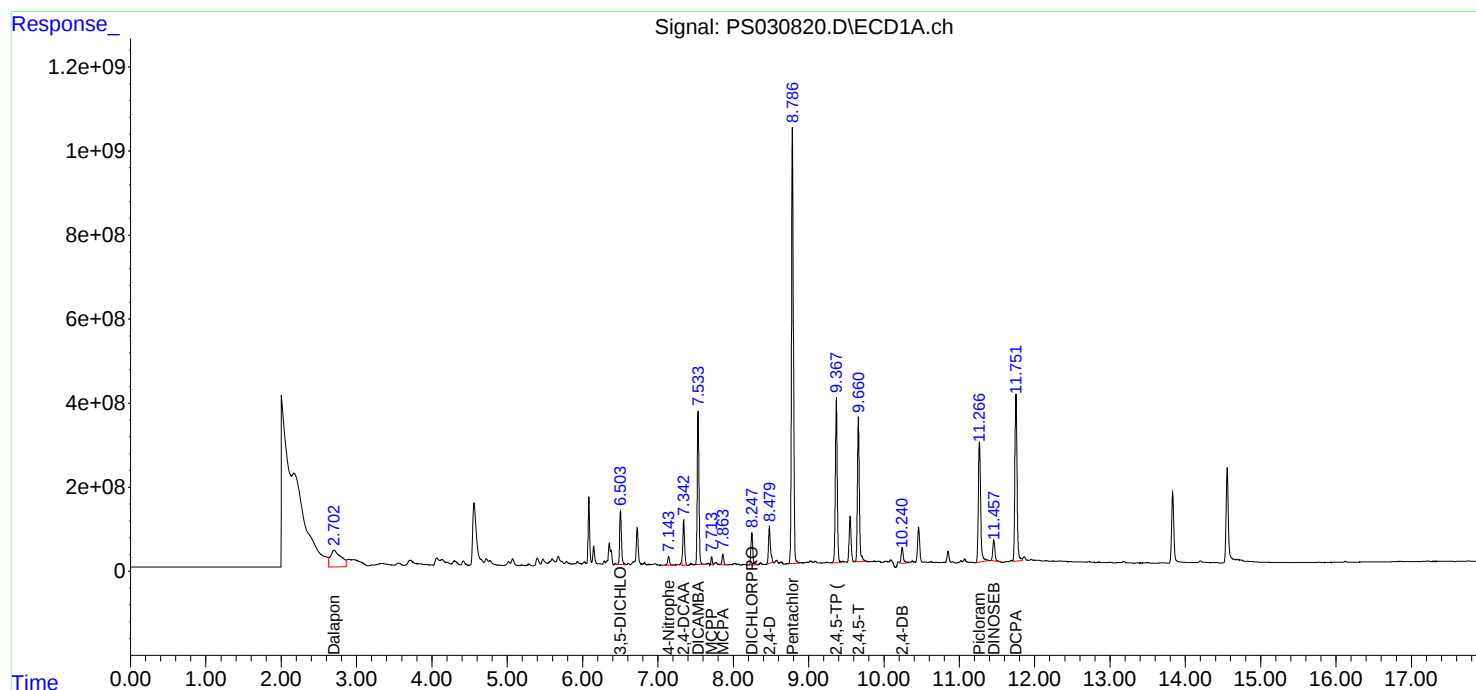
Instrument :
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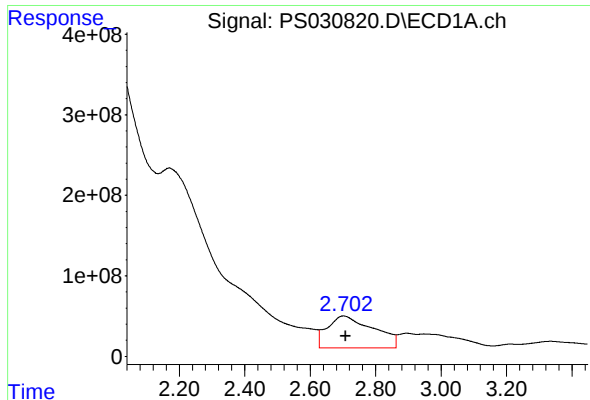
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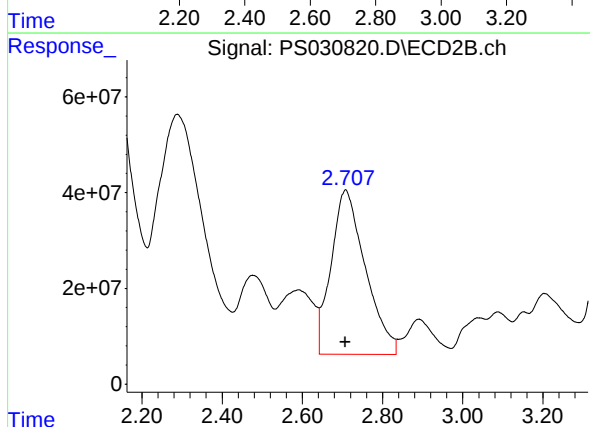
#1 Dalapon

R.T.: 2.702 min
Delta R.T.: -0.006 min
Response: 3884729796
Conc: 651.19 ng/ml

Instrument :
ECD_S
ClientSampleId :
EP-5MS

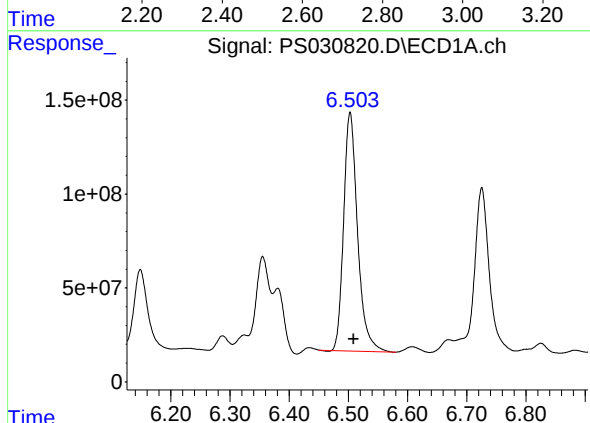
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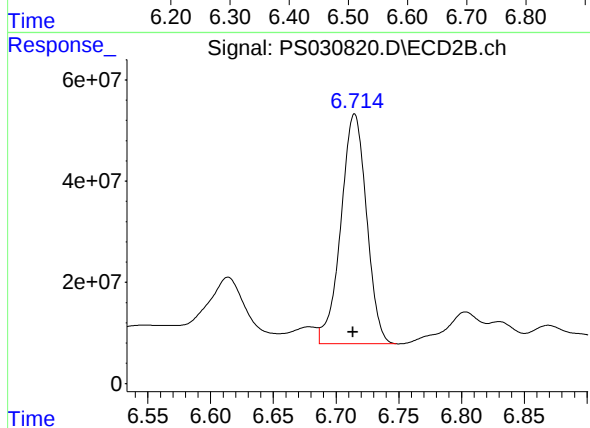
#1 Dalapon

R.T.: 2.707 min
Delta R.T.: 0.000 min
Response: 2030551025
Conc: 740.61 ng/ml m



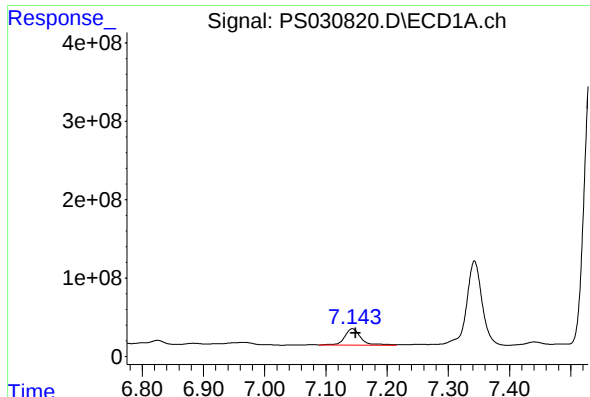
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.503 min
Delta R.T.: -0.006 min
Response: 2079062562
Conc: 386.62 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.714 min
Delta R.T.: 0.001 min
Response: 645366775
Conc: 400.07 ng/ml m



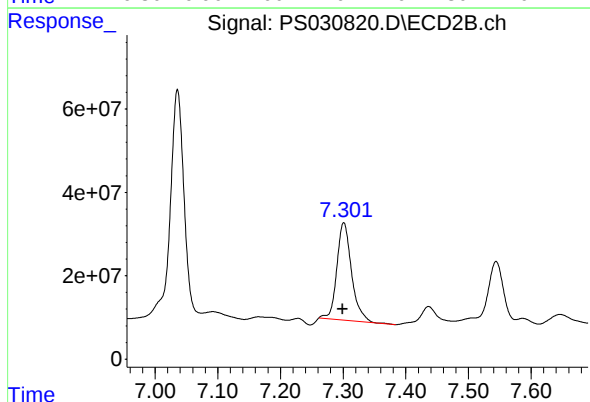
#3 4-Nitrophenol

R.T.: 7.143 min
Delta R.T.: -0.005 min
Response: 388220552
Conc: 246.21 ng/ml

Instrument :
ECD_S
ClientSampleId :
EP-5MS

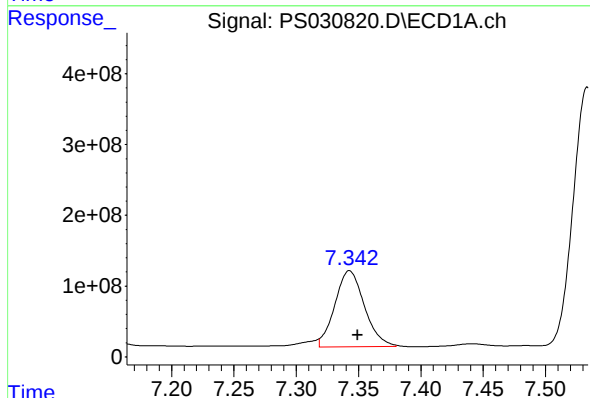
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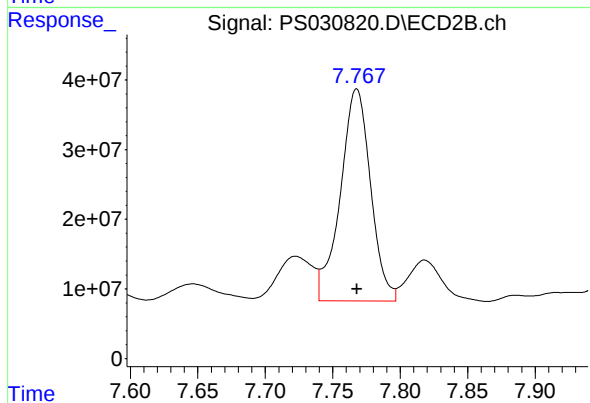
#3 4-Nitrophenol

R.T.: 7.301 min
Delta R.T.: 0.002 min
Response: 381791606
Conc: 220.24 ng/ml



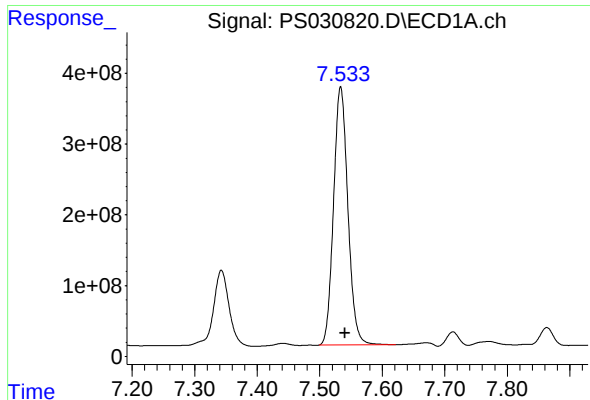
#4 2,4-DCAA

R.T.: 7.342 min
Delta R.T.: -0.007 min
Response: 1774605709
Conc: 482.97 ng/ml m



#4 2,4-DCAA

R.T.: 7.768 min
Delta R.T.: 0.000 min
Response: 474694923
Conc: 442.83 ng/ml



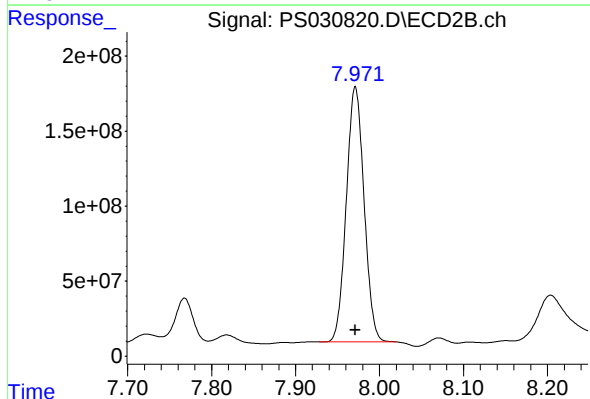
#5 DICAMBA

R.T.: 7.534 min
Delta R.T.: -0.007 min
Response: 5812049009
Conc: 381.99 ng/ml

Instrument :
ECD_S
ClientSampleId :
EP-5MS

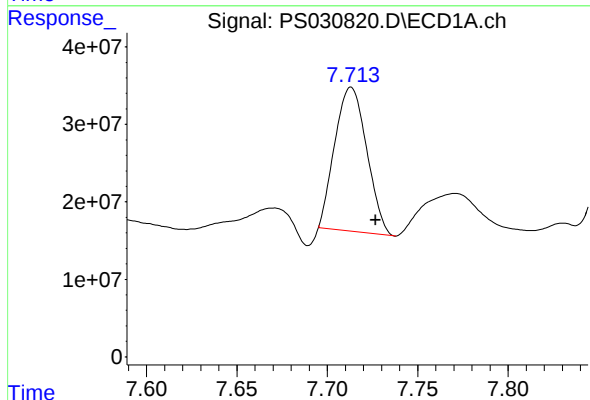
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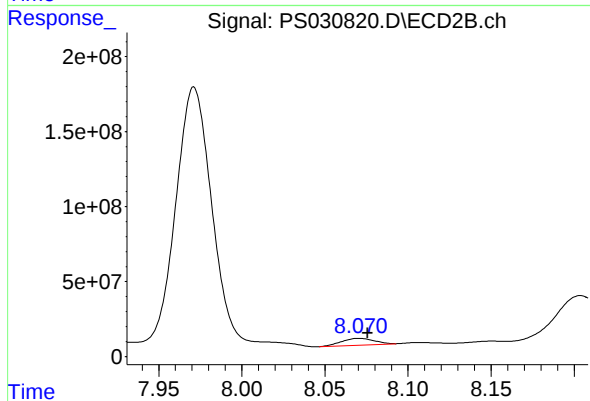
#5 DICAMBA

R.T.: 7.971 min
Delta R.T.: 0.000 min
Response: 2503105168
Conc: 381.97 ng/ml



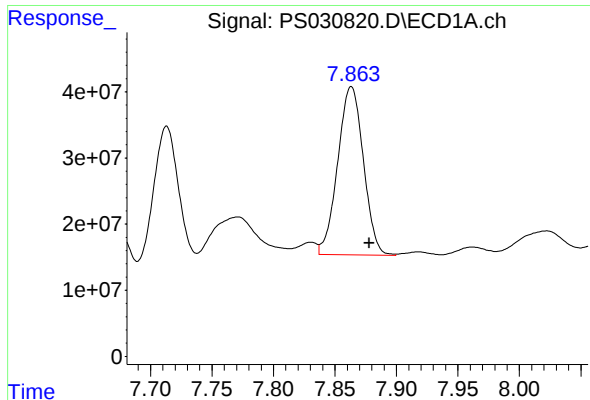
#6 MCPP

R.T.: 7.713 min
Delta R.T.: -0.014 min
Response: 227948963
Conc: 24.28 ug/ml



#6 MCPP

R.T.: 8.070 min
Delta R.T.: -0.006 min
Response: 63023486
Conc: 30.05 ug/ml m



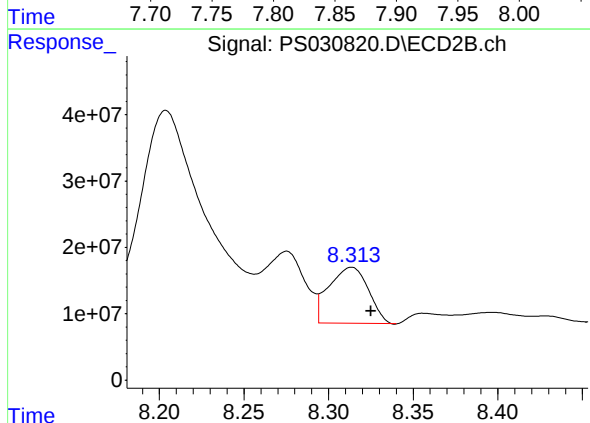
#7 MCPA

R.T.: 7.863 min
Delta R.T.: -0.015 min
Response: 369821514
Conc: 31.53 ug/ml

Instrument :
ECD_S
ClientSampleId :
EP-5MS

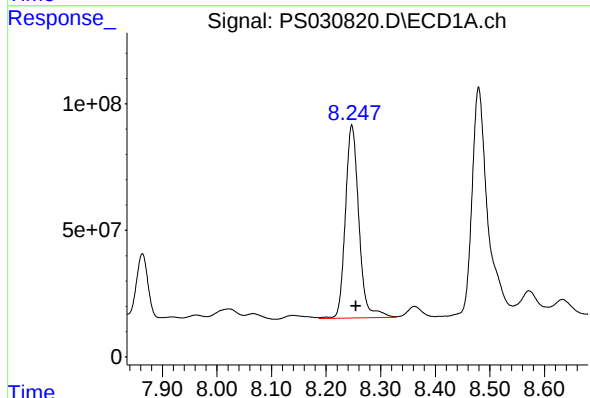
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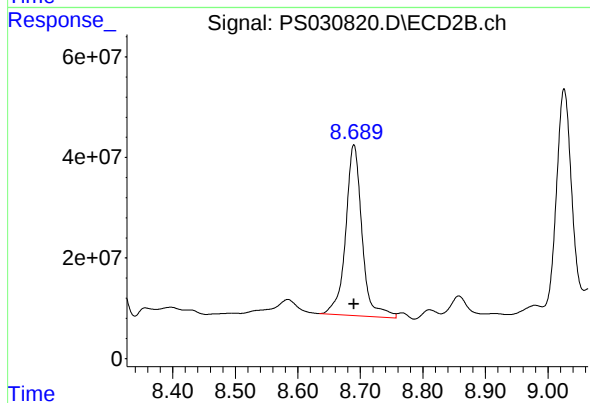
#7 MCPA

R.T.: 8.313 min
Delta R.T.: -0.012 min
Response: 136344174
Conc: 43.34 ug/ml



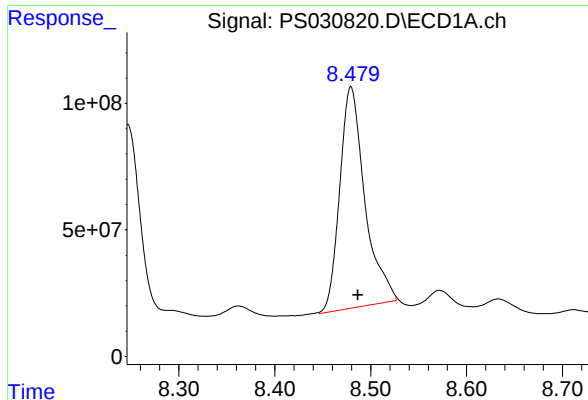
#8 DICHLORPROP

R.T.: 8.247 min
Delta R.T.: -0.007 min
Response: 1316735518
Conc: 351.53 ng/ml



#8 DICHLORPROP

R.T.: 8.690 min
Delta R.T.: 0.000 min
Response: 617773288
Conc: 392.86 ng/ml



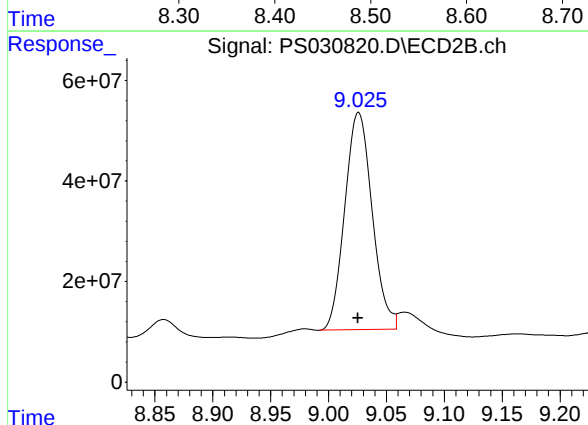
#9 2,4-D

R.T.: 8.479 min
Delta R.T.: -0.008 min
Response: 1589919827
Conc: 461.59 ng/ml

Instrument :
ECD_S
ClientSampleId :
EP-5MS

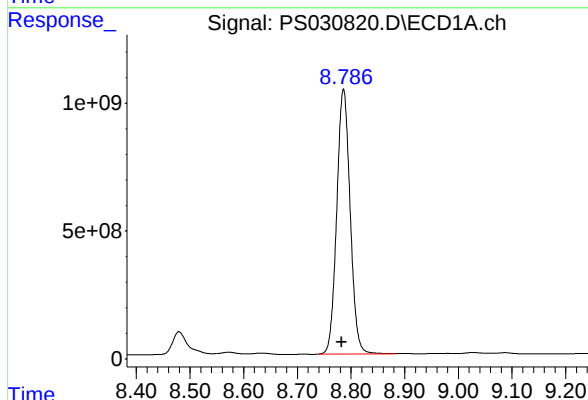
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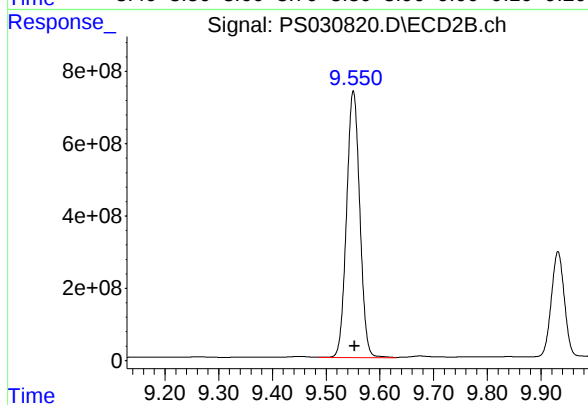
#9 2,4-D

R.T.: 9.025 min
Delta R.T.: 0.000 min
Response: 709023363
Conc: 417.22 ng/ml



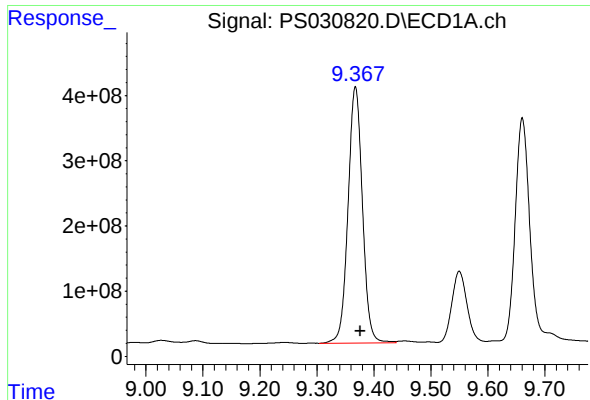
#10 Pentachlorophenol

R.T.: 8.786 min
Delta R.T.: 0.003 min
Response: 18054605052
Conc: 341.13 ng/ml



#10 Pentachlorophenol

R.T.: 9.551 min
Delta R.T.: -0.002 min
Response: 12661659273
Conc: 332.13 ng/ml



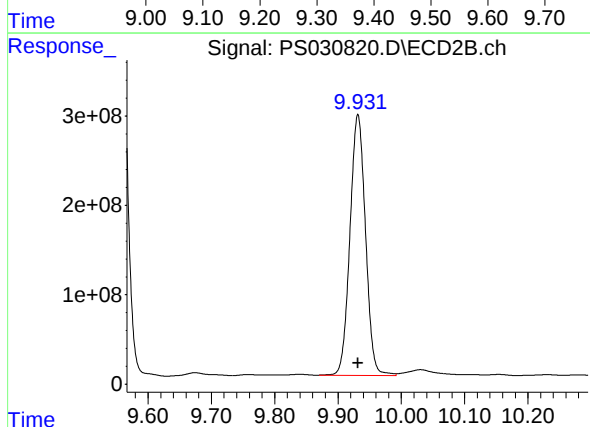
#11 2,4,5-TP (SILVEX)

R.T.: 9.368 min
Delta R.T.: -0.009 min
Response: 6890746125
Conc: 344.01 ng/ml

Instrument :
ECD_S
ClientSampleId :
EP-5MS

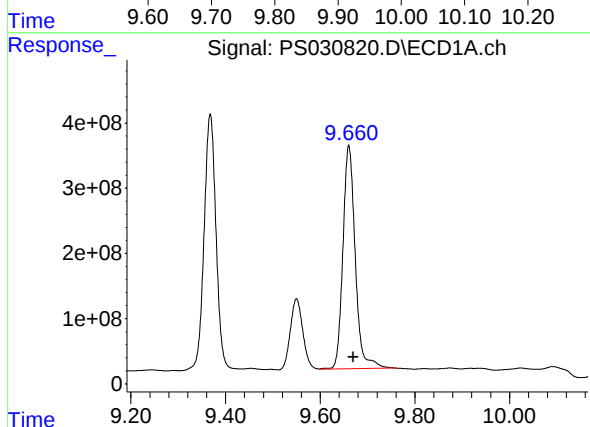
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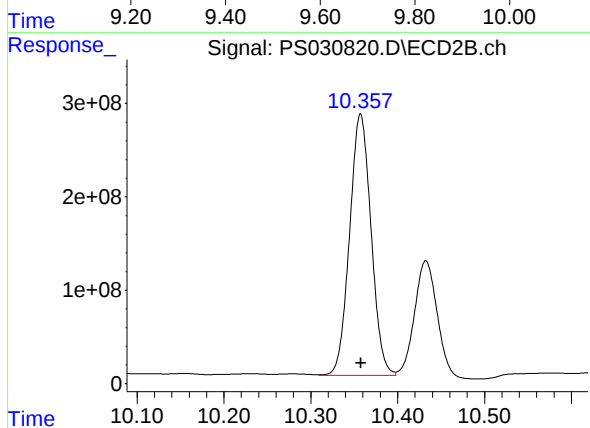
#11 2,4,5-TP (SILVEX)

R.T.: 9.931 min
Delta R.T.: 0.000 min
Response: 4982705125
Conc: 345.33 ng/ml m



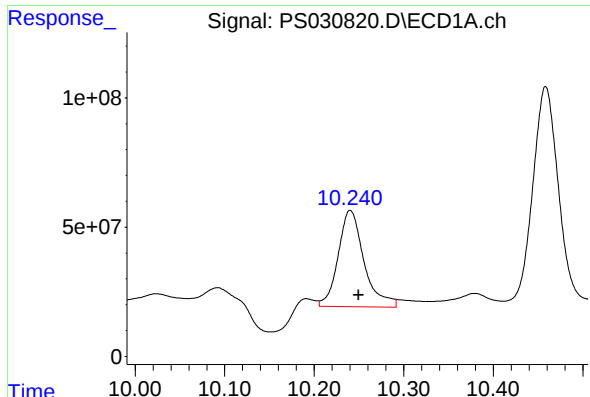
#12 2,4,5-T

R.T.: 9.661 min
Delta R.T.: -0.010 min
Response: 6192222406
Conc: 376.35 ng/ml



#12 2,4,5-T

R.T.: 10.357 min
Delta R.T.: 0.000 min
Response: 4814908781
Conc: 352.36 ng/ml m



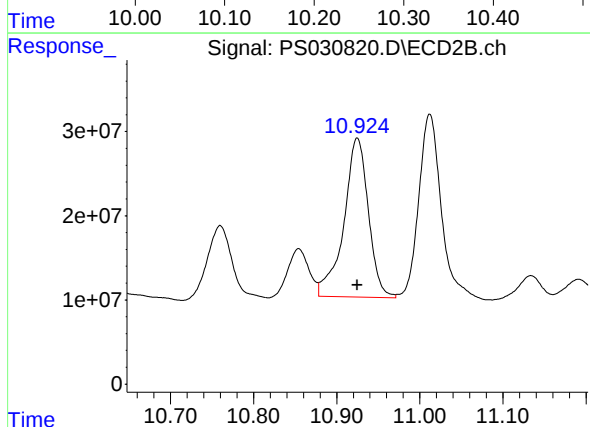
#13 2,4-DB

R.T.: 10.240 min
Delta R.T.: -0.010 min
Response: 748220010
Conc: 326.23 ng/ml

Instrument :
ECD_S
ClientSampleId :
EP-5MS

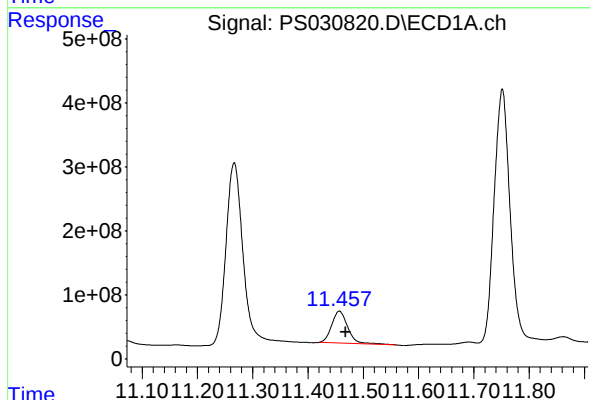
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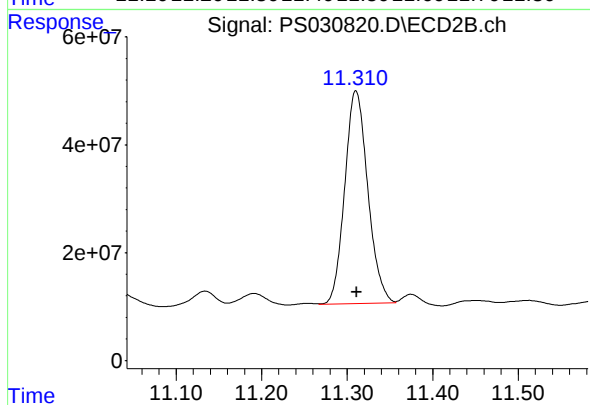
#13 2,4-DB

R.T.: 10.925 min
Delta R.T.: 0.000 min
Response: 388186992
Conc: 328.16 ng/ml



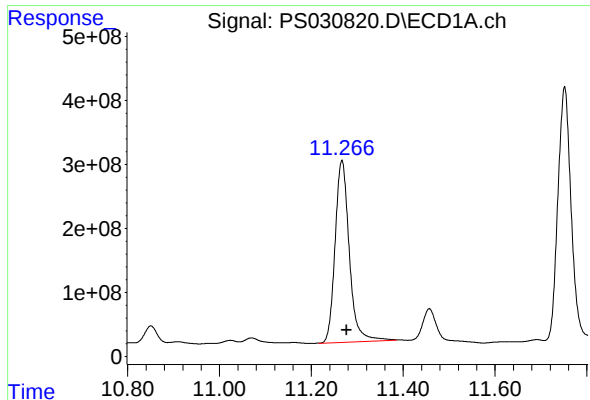
#14 DINOSEB

R.T.: 11.457 min
Delta R.T.: -0.012 min
Response: 1002850560
Conc: 72.29 ng/ml



#14 DINOSEB

R.T.: 11.310 min
Delta R.T.: 0.000 min
Response: 739132016
Conc: 68.56 ng/ml



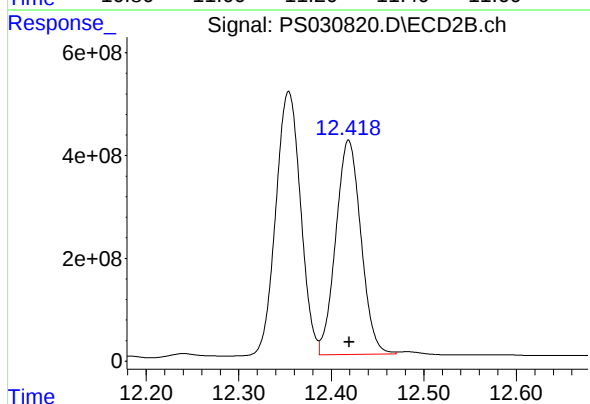
#15 Picloram

R.T.: 11.266 min
Delta R.T.: -0.010 min
Response: 6105585457
Conc: 379.79 ng/ml

Instrument :
ECD_S
ClientSampleId :
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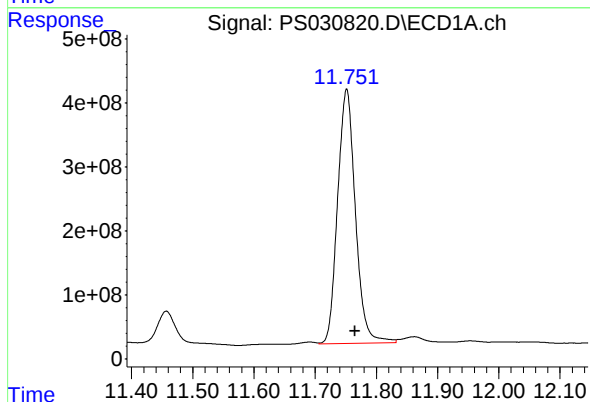
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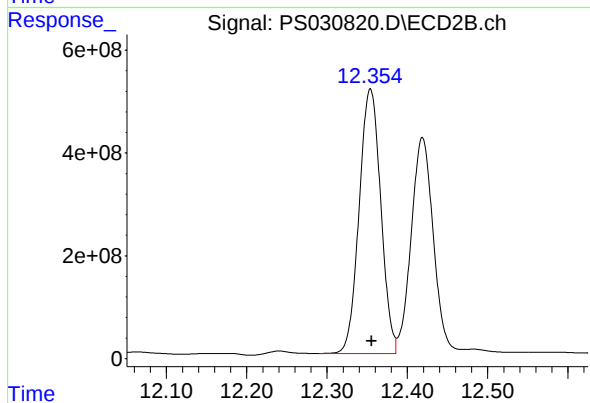
#15 Picloram

R.T.: 12.419 min
Delta R.T.: 0.000 min
Response: 7892027268
Conc: 339.57 ng/ml



#16 DCPA

R.T.: 11.751 min
Delta R.T.: -0.014 min
Response: 8020738682
Conc: 313.11 ng/ml



#16 DCPA

R.T.: 12.354 min
Delta R.T.: -0.002 min
Response: 9609300861
Conc: 435.94 ng/ml m