

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS080125\
 Data File : PS031348.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Aug 2025 18:18
 Operator : AR\AJ
 Sample : Q2728-01MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 7211931-VNJ240MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 08/04/2025
 Supervised By :mohammad ahmed 08/05/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 01 23:34:48 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	7.302	7.756	391.7E6	119.7E6	134.441m	143.341
Target Compounds							
1) T	Dalapon	2.679	2.695	336.1E6	657.6E6	69.659m	267.715m#
2) T	3,5-DICHL...	6.467	6.705	529.5E6	138.2E6	124.208m	106.912
3) T	4-Nitroph...	7.105	7.303	82071581	116.6E6	80.605	90.315
5) T	DICAMBA	7.489	7.954	1902.0E6	753.2E6	147.206	138.942m
6) T	MCPD	7.666	8.055	43172403	22581881	5.368m	13.211m#
7) T	MCPA	7.816	8.295	116.0E6	28185589	11.866	10.866
8) T	DICHLORPROP	8.198	8.673	329.5E6	143.3E6	108.401m	110.257
9) T	2,4-D	8.432	9.013	495.8E6	227.8E6	191.167	163.212
10) T	Pentachlo...	8.729	9.527	3340.7E6	2136.7E6	73.456m	63.788
11) T	2,4,5-TP ...	9.310	9.911	1422.9E6	1013.3E6	85.400	79.769
12) T	2,4,5-T	9.605	10.341	1411.4E6	1093.4E6	106.117m	93.737
13) T	2,4-DB	10.183	10.909	97114530	79210395	55.581m	82.011m#
14) T	DINOSEB	11.387	11.293	239.1E6	235.6E6	20.858m	25.222
15) T	Picloram	11.208	12.408	2163.9E6	3013.2E6	184.794m	176.263
16) T	DCPA	11.683	12.330	4862.8E6	4360.0E6	234.507m	233.759m

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

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ALS Vial : 9 Sample Multiplier: 1

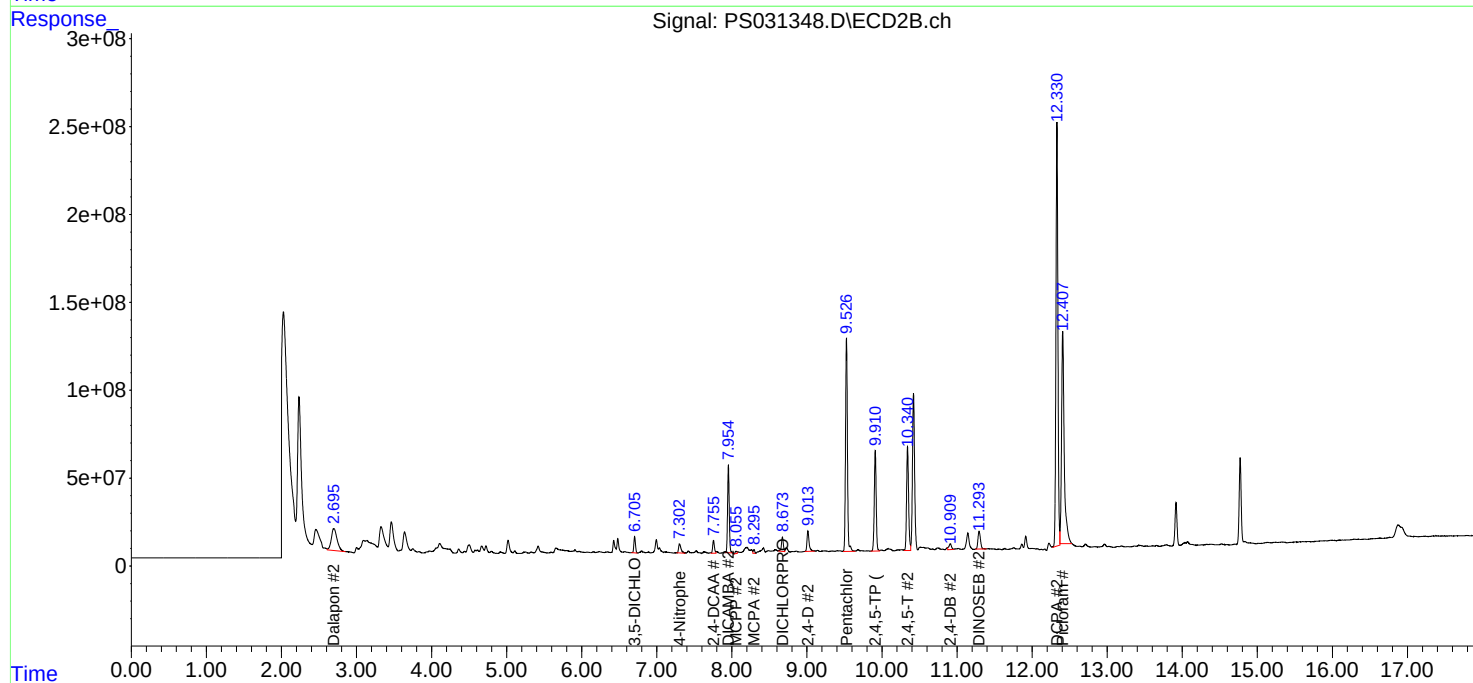
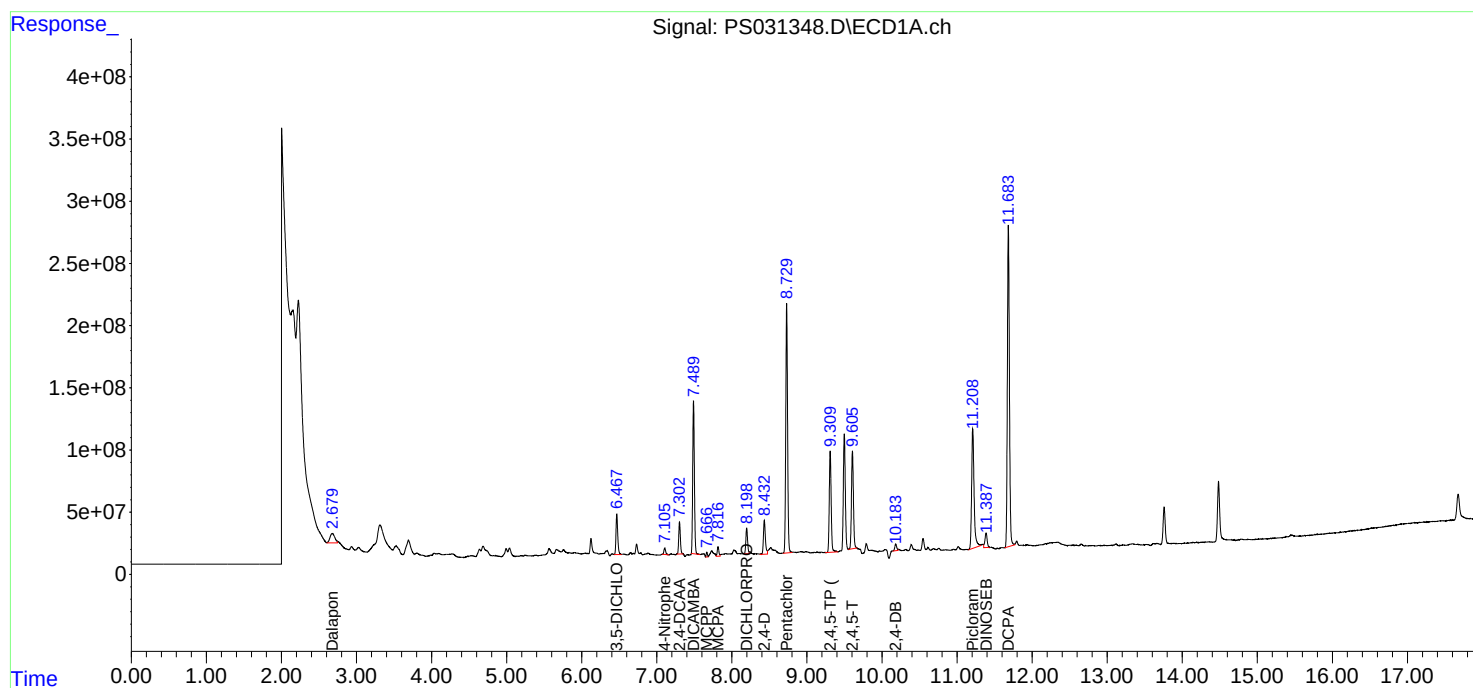
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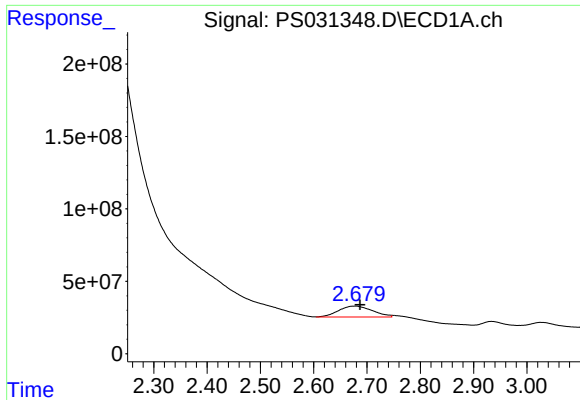
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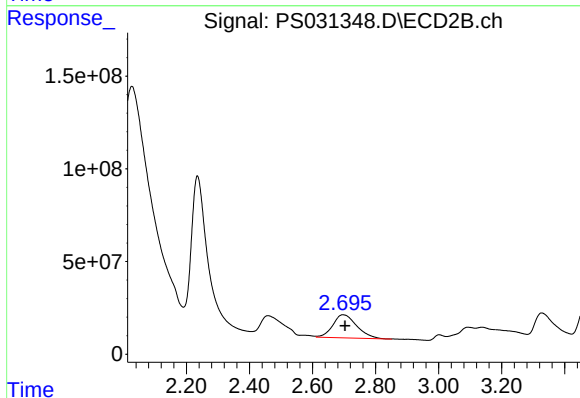
#1 Dalapon

R.T.: 2.679 min
Delta R.T.: -0.008 min
Response: 336074929
Conc: 69.66 ng/ml

Instrument :
ECD_S
ClientSampleId :
7211931-VNJ240MSD

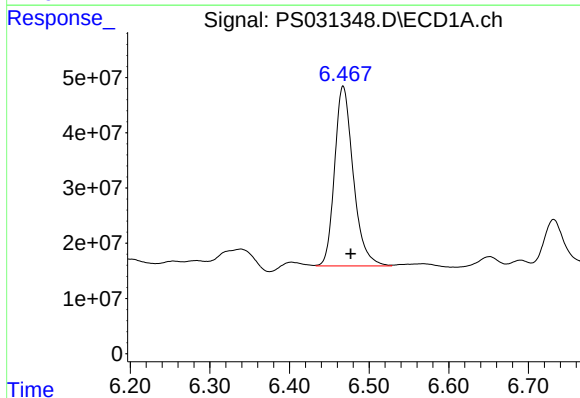
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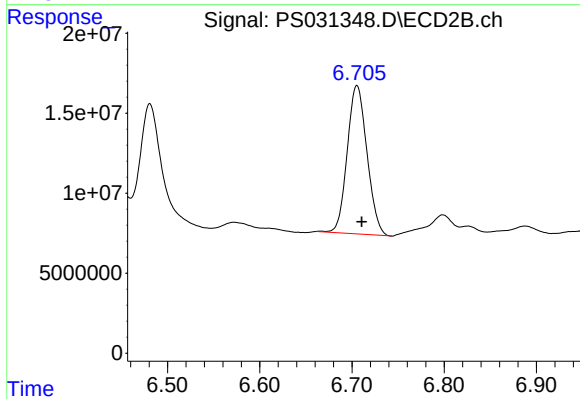
#1 Dalapon

R.T.: 2.695 min
Delta R.T.: -0.008 min
Response: 657556973
Conc: 267.71 ng/ml m



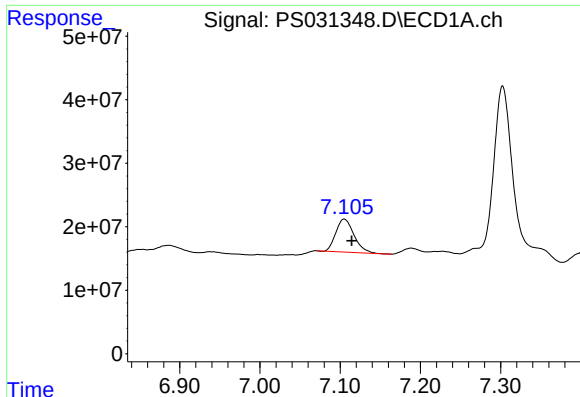
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.467 min
Delta R.T.: -0.010 min
Response: 529489457
Conc: 124.21 ng/ml m



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.705 min
Delta R.T.: -0.005 min
Response: 138159394
Conc: 106.91 ng/ml



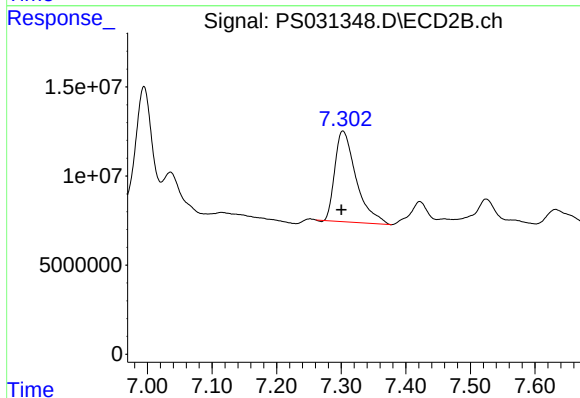
#3 4-Nitrophenol

R.T.: 7.105 min
Delta R.T.: -0.009 min
Response: 82071581
Conc: 80.60 ng/ml

Instrument :
ECD_S
ClientSampleId :
7211931-VNJ240MSD

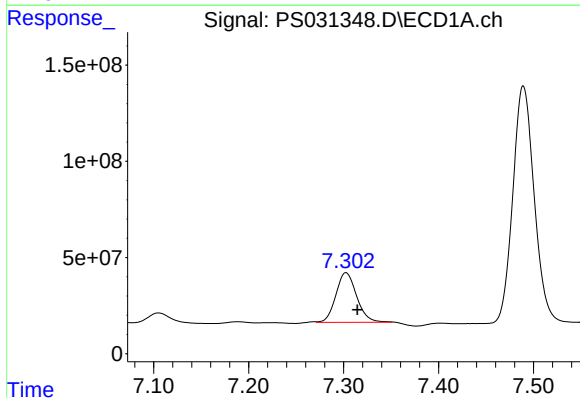
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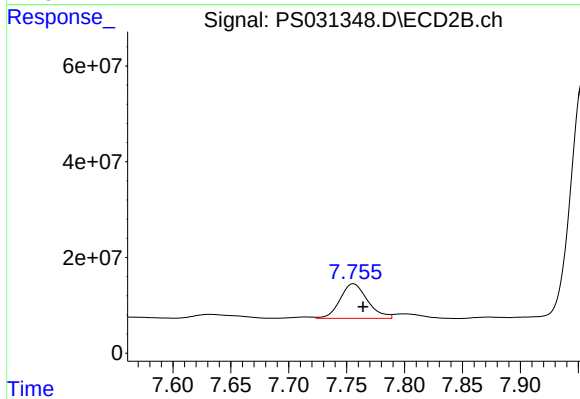
#3 4-Nitrophenol

R.T.: 7.303 min
Delta R.T.: 0.003 min
Response: 116589230
Conc: 90.32 ng/ml



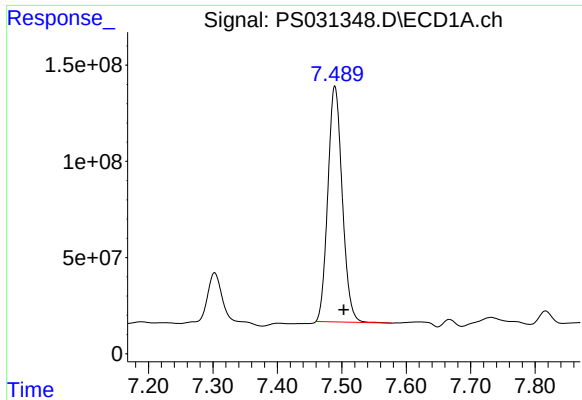
#4 2,4-DCAA

R.T.: 7.302 min
Delta R.T.: -0.013 min
Response: 391681137
Conc: 134.44 ng/ml m



#4 2,4-DCAA

R.T.: 7.756 min
Delta R.T.: -0.009 min
Response: 119701633
Conc: 143.34 ng/ml



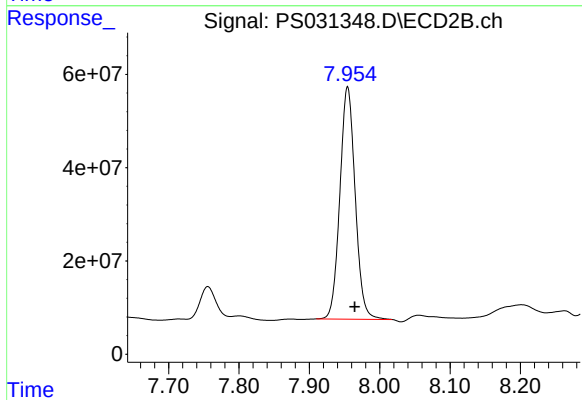
#5 DICAMBA

R.T.: 7.489 min
Delta R.T.: -0.014 min
Response: 1901985191
Conc: 147.21 ng/ml

Instrument :
ECD_S
ClientSampleId :
7211931-VNJ240MSD

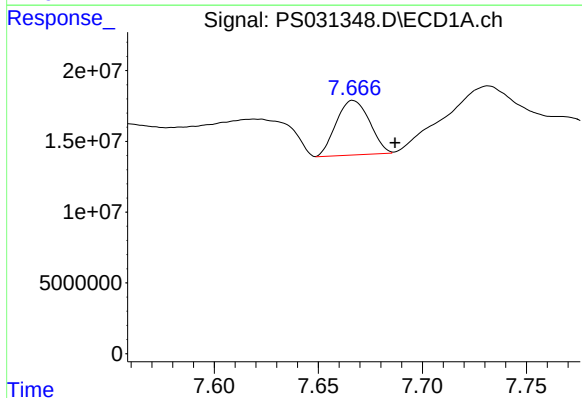
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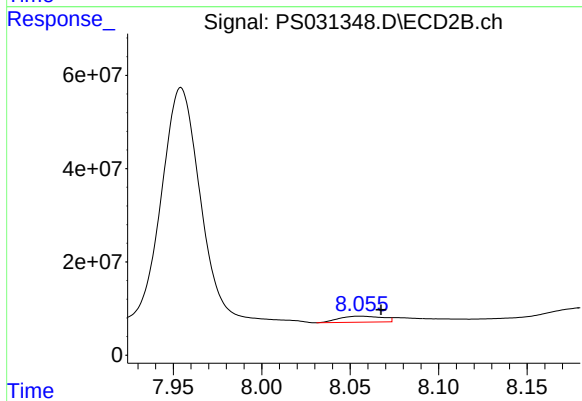
#5 DICAMBA

R.T.: 7.954 min
Delta R.T.: -0.011 min
Response: 753184778
Conc: 138.94 ng/ml m



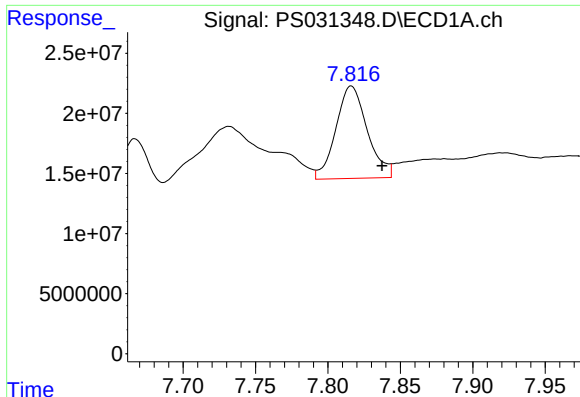
#6 MCPP

R.T.: 7.666 min
Delta R.T.: -0.021 min
Response: 43172403
Conc: 5.37 ug/ml m



#6 MCPP

R.T.: 8.055 min
Delta R.T.: -0.012 min
Response: 22581881
Conc: 13.21 ug/ml m



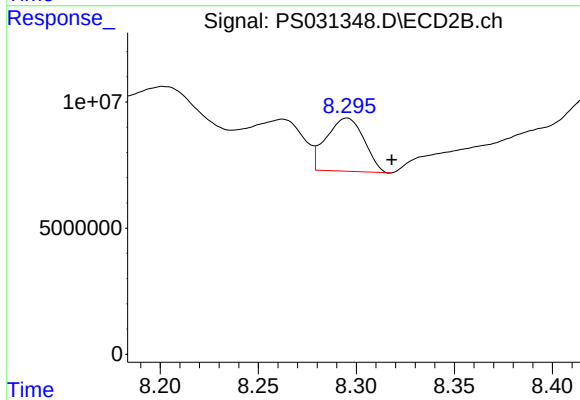
#7 MCPA

R.T.: 7.816 min
Delta R.T.: -0.021 min
Response: 116001269
Conc: 11.87 ug/ml

Instrument :
ECD_S
ClientSampleId :
7211931-VNJ240MSD

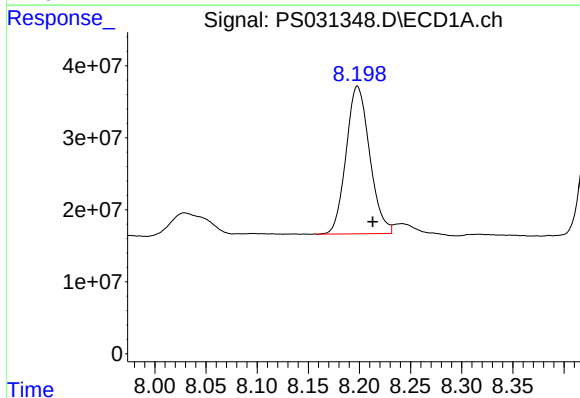
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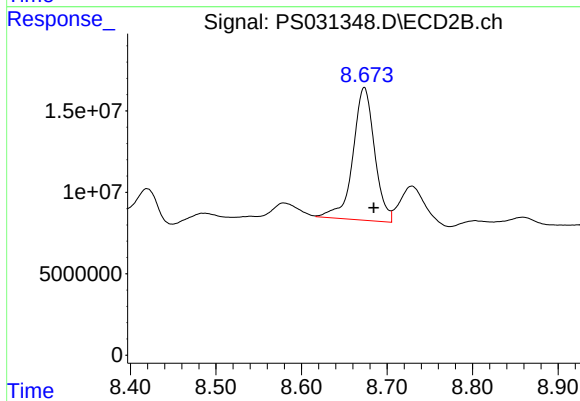
#7 MCPA

R.T.: 8.295 min
Delta R.T.: -0.023 min
Response: 28185589
Conc: 10.87 ug/ml



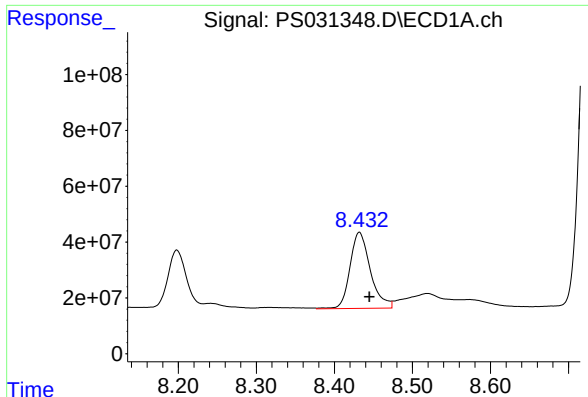
#8 DICHLORPROP

R.T.: 8.198 min
Delta R.T.: -0.015 min
Response: 329539009
Conc: 108.40 ng/ml m



#8 DICHLORPROP

R.T.: 8.673 min
Delta R.T.: -0.011 min
Response: 143340484
Conc: 110.26 ng/ml



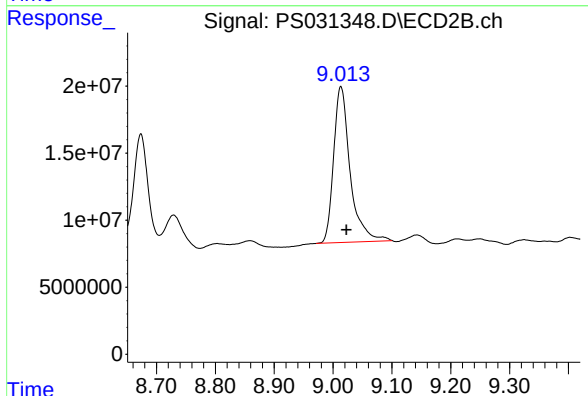
#9 2,4-D

R.T.: 8.432 min
Delta R.T.: -0.013 min
Response: 495761721
Conc: 191.17 ng/ml

Instrument :
ECD_S
ClientSampleId :
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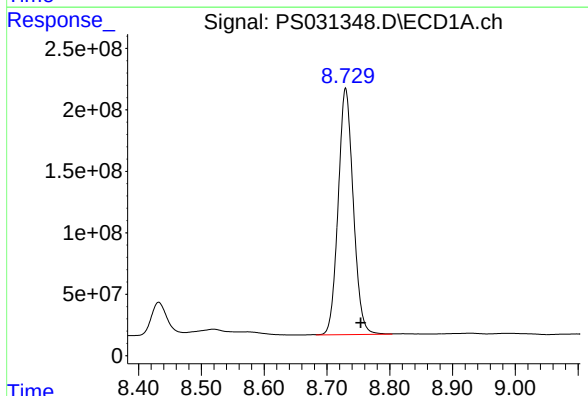
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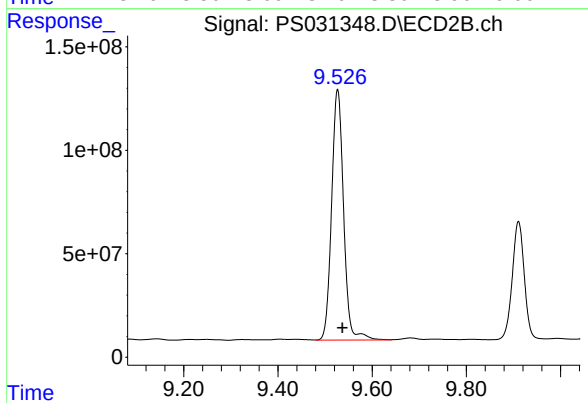
#9 2,4-D

R.T.: 9.013 min
Delta R.T.: -0.010 min
Response: 227767250
Conc: 163.21 ng/ml



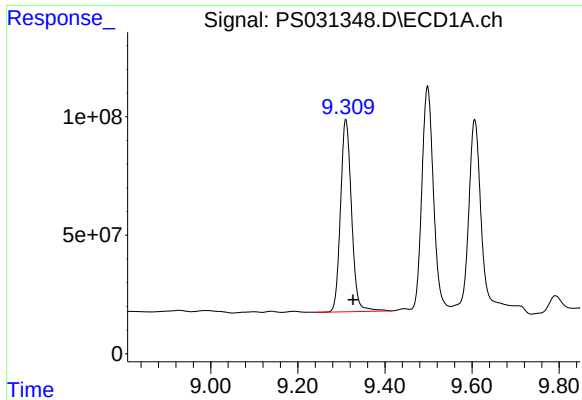
#10 Pentachlorophenol

R.T.: 8.729 min
Delta R.T.: -0.024 min
Response: 3340698792
Conc: 73.46 ng/ml m



#10 Pentachlorophenol

R.T.: 9.527 min
Delta R.T.: -0.010 min
Response: 2136677679
Conc: 63.79 ng/ml



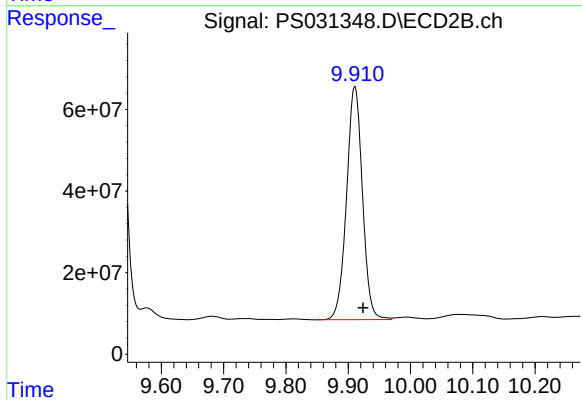
#11 2,4,5-TP (SILVEX)

R.T.: 9.310 min
Delta R.T.: -0.016 min
Response: 1422865862
Conc: 85.40 ng/ml

Instrument :
ECD_S
ClientSampleId :
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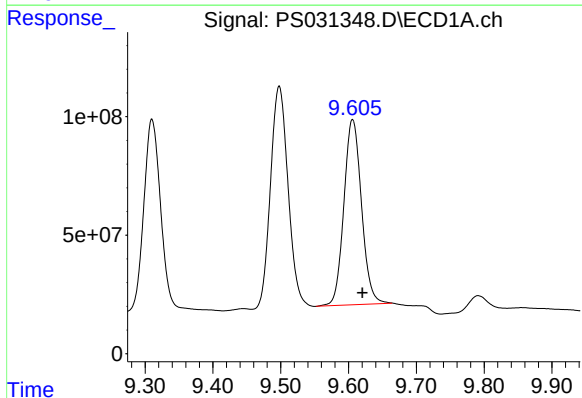
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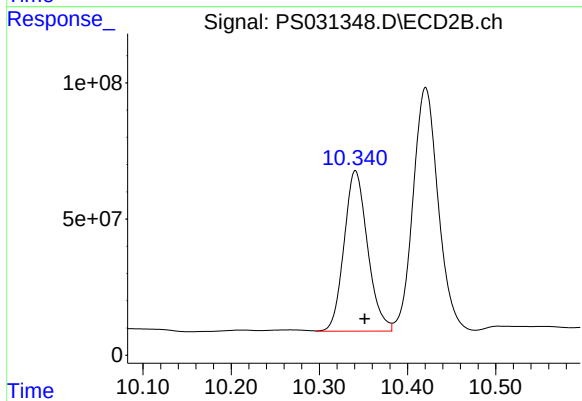
#11 2,4,5-TP (SILVEX)

R.T.: 9.911 min
Delta R.T.: -0.013 min
Response: 1013284223
Conc: 79.77 ng/ml



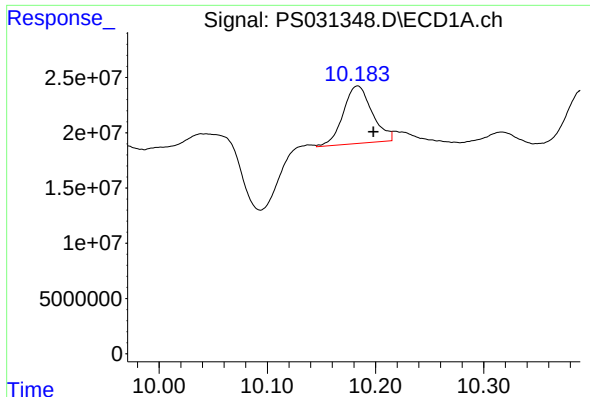
#12 2,4,5-T

R.T.: 9.605 min
Delta R.T.: -0.015 min
Response: 1411433756
Conc: 106.12 ng/ml m



#12 2,4,5-T

R.T.: 10.341 min
Delta R.T.: -0.011 min
Response: 1093411944
Conc: 93.74 ng/ml



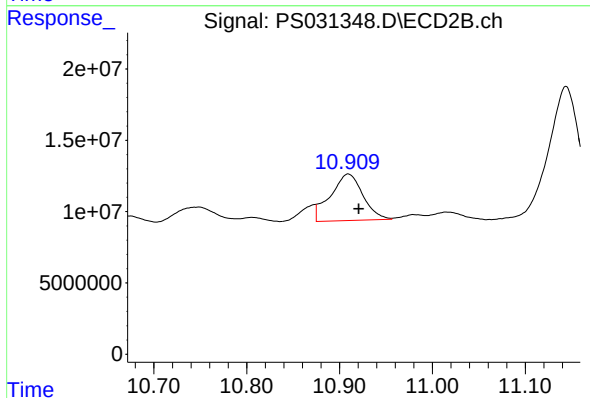
#13 2,4-DB

R.T.: 10.183 min
Delta R.T.: -0.015 min
Response: 97114530
Conc: 55.58 ng/ml

Instrument :
ECD_S
ClientSampleId :
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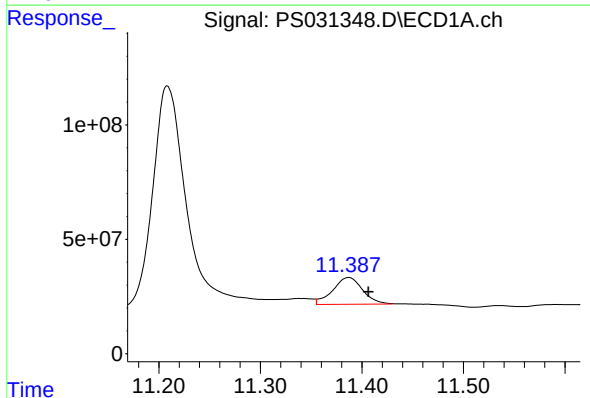
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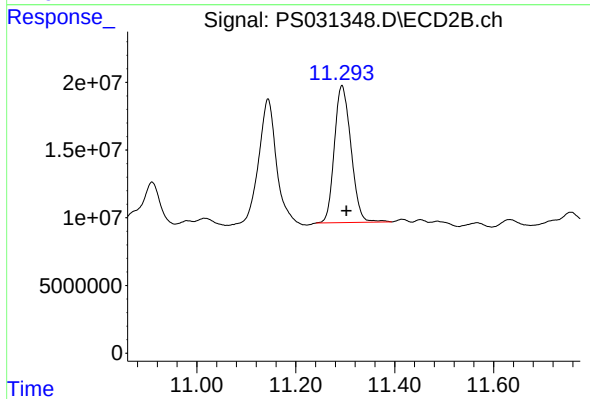
#13 2,4-DB

R.T.: 10.909 min
Delta R.T.: -0.012 min
Response: 79210395
Conc: 82.01 ng/ml m



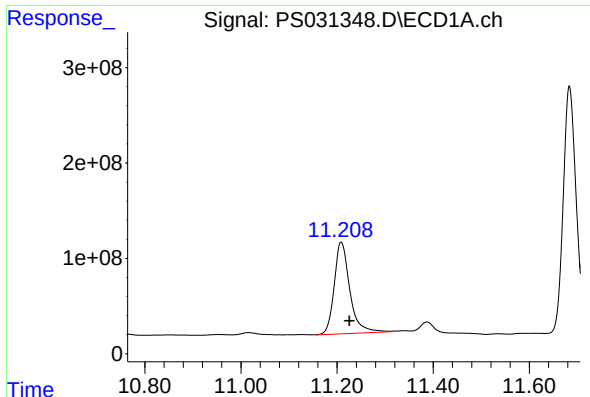
#14 DINOSEB

R.T.: 11.387 min
Delta R.T.: -0.020 min
Response: 239102612
Conc: 20.86 ng/ml m



#14 DINOSEB

R.T.: 11.293 min
Delta R.T.: -0.009 min
Response: 235573728
Conc: 25.22 ng/ml



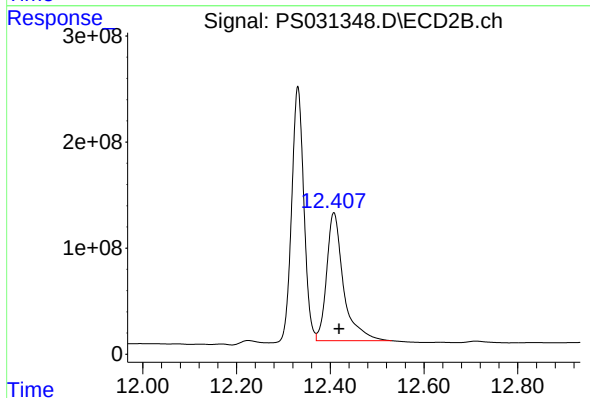
#15 Picloram

R.T.: 11.208 min
Delta R.T.: -0.018 min
Response: 2163865192
Conc: 184.79 ng/ml

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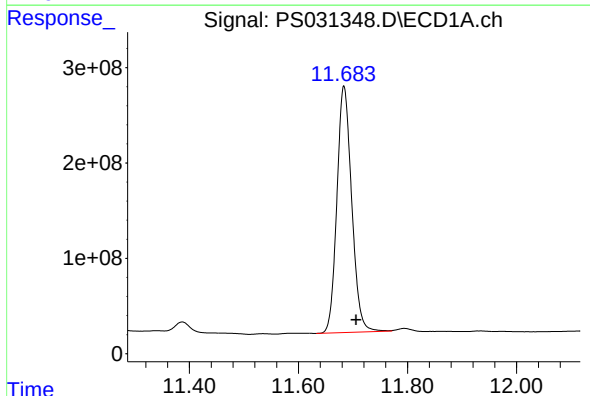
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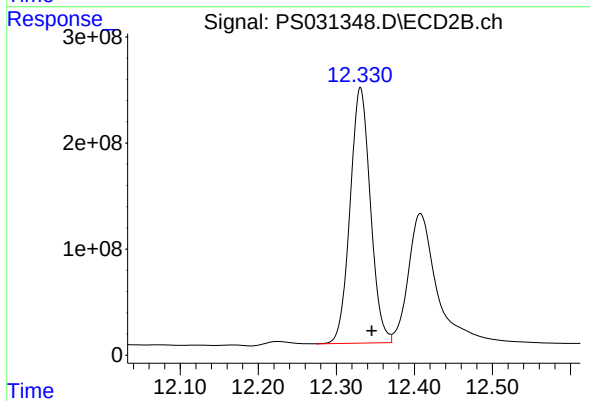
#15 Picloram

R.T.: 12.408 min
Delta R.T.: -0.011 min
Response: 3013207211
Conc: 176.26 ng/ml



#16 DCPA

R.T.: 11.683 min
Delta R.T.: -0.023 min
Response: 4862765700
Conc: 234.51 ng/ml m



#16 DCPA

R.T.: 12.330 min
Delta R.T.: -0.015 min
Response: 4360021267
Conc: 233.76 ng/ml m