

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS020525\
 Data File : PS029082.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Feb 2025 17:53
 Operator : AR\AJ
 Sample : Q1280-01MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 72-11984MSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 02/06/2025
 Supervised By : Ankita Jodhani 02/06/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 06 02:17:47 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS011425.M
 Quant Title : 8080.M
 QLast Update : Tue Feb 04 17:44:08 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	7.184	7.666	1259.0E6	482.8E6	464.592m	436.232
Target Compounds							
1) T	Dalapon	2.591	2.645	2004.8E6	1170.6E6	671.202m	575.940m
2) T	3,5-DICHL...	6.366	6.633	728.5E6	264.5E6	186.602	161.402
5) T	DICAMBA	7.372	7.861	3073.2E6	1289.3E6	263.623	231.083
6) T	MCP	7.551	7.954	112.4E6	141.0E6	16.134m	46.533 #
7) T	MCPA	7.698	8.201	497.4E6	87977753	50.274	20.699m#
8) T	DICHLORPROP	8.075	8.570	369.3E6	261.9E6	119.538	187.676 #
9) T	2,4-D	8.303	8.897	1168.4E6	445.8E6	354.391m	300.136m
10) T	Pentachlo...	8.600	9.419	24430.4E6	11897.4E6	538.004	521.721m
11) T	2,4,5-TP ...	9.175	9.796	1992.1E6	909.4E6	106.831	97.376
12) T	2,4,5-T	9.465	10.212	2696.6E6	1374.0E6	144.045	153.856
13) T	2,4-DB	10.066	10.796	198.3E6	779.0E6	56.781m	783.286m#
15) T	Picloram	11.047	12.234	8812.5E6	3727.0E6	284.371	276.904
16) T	DCPA	11.530	12.191	8665.4E6	4203.3E6	310.689	373.002m

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

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Acq On : 05 Feb 2025 17:53
Operator : AR\AJ
Sample : Q1280-01MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

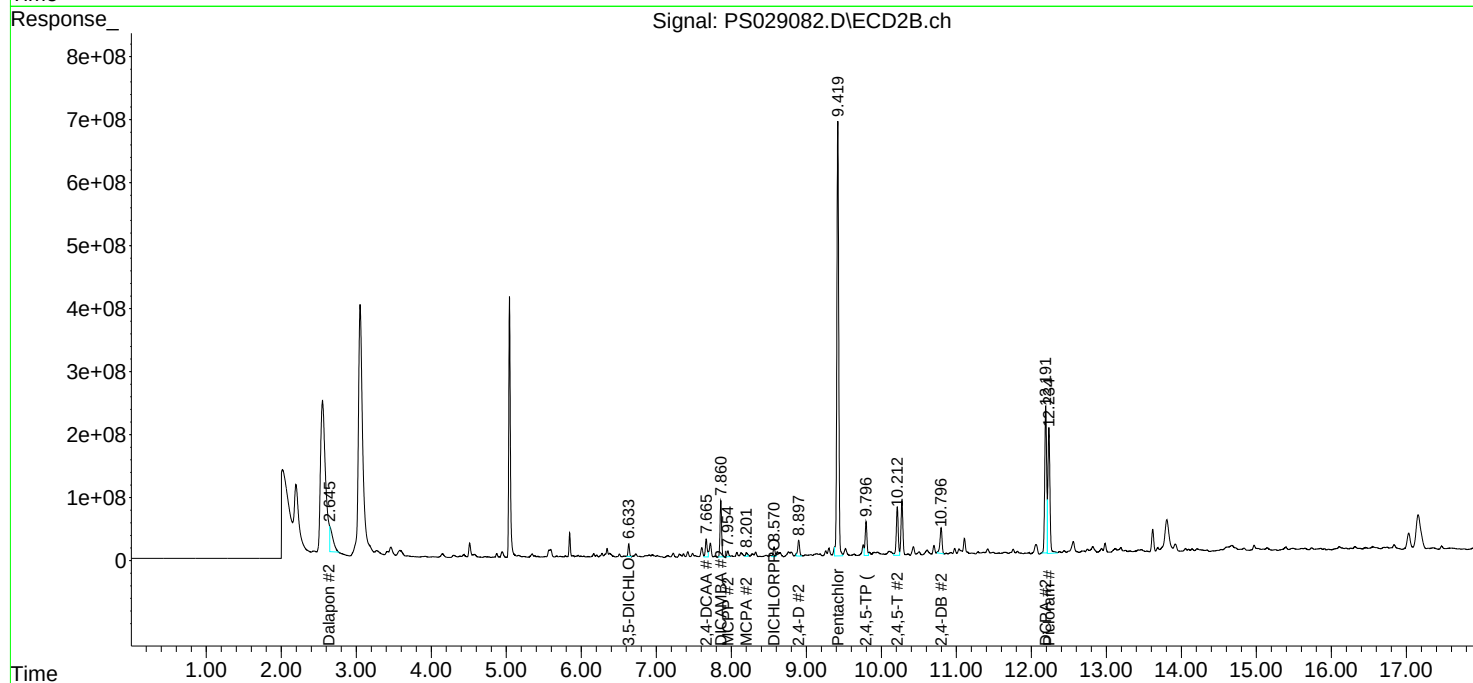
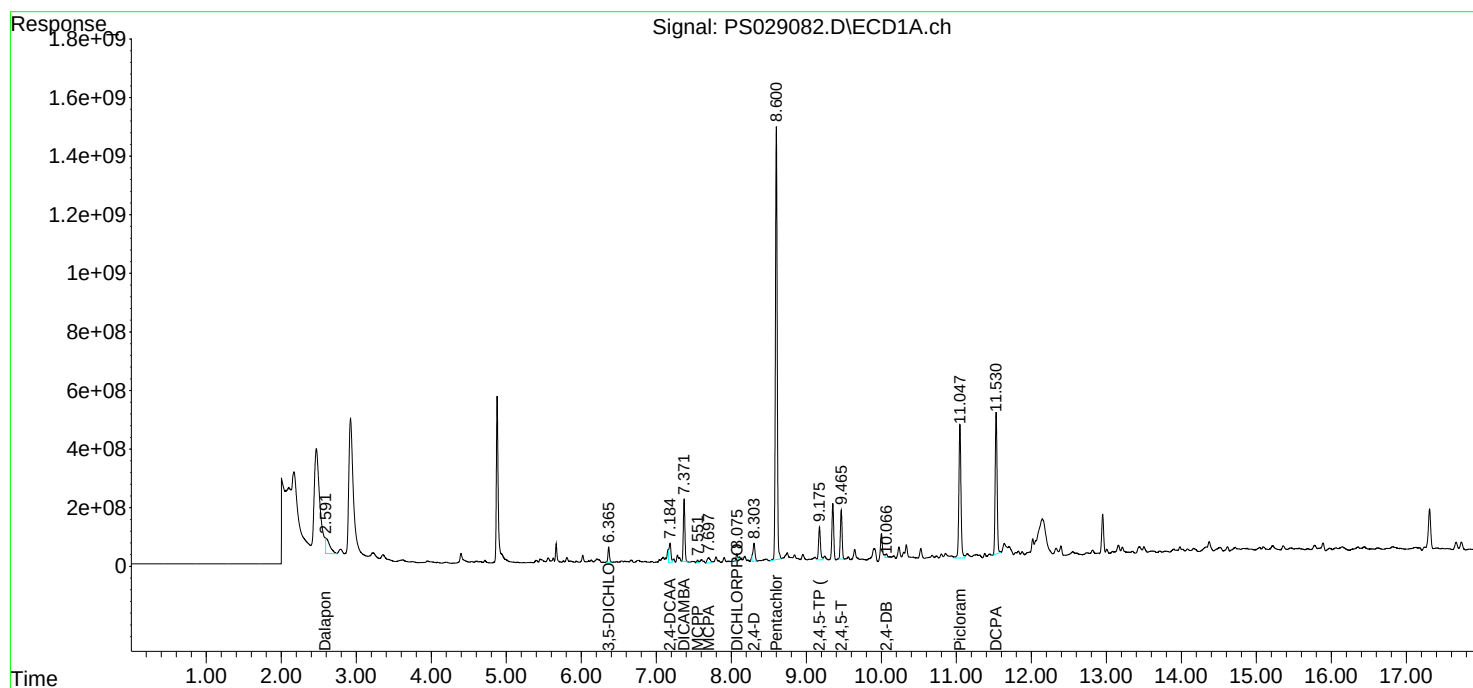
Instrument :
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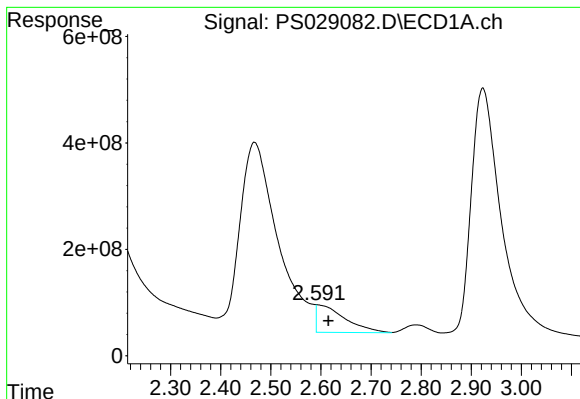
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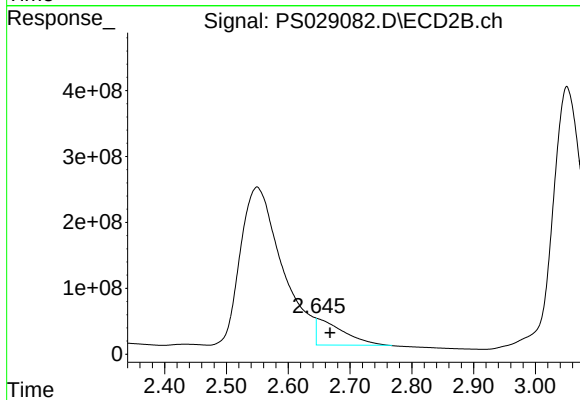
#1 Dalapon

R.T.: 2.591 min
Delta R.T.: -0.024 min
Response: 2004750246
Conc: 671.20 ng/ml

Instrument :
ECD_S
ClientSampleId :
72-11984MSD

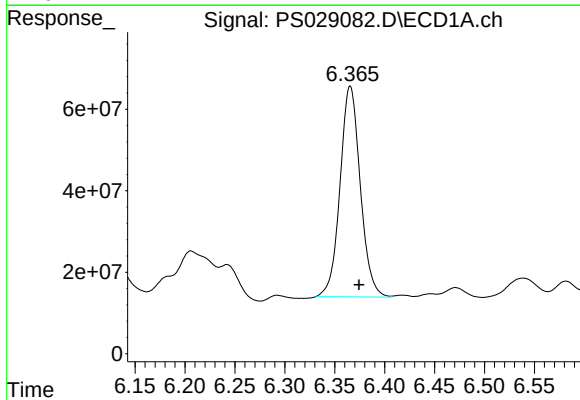
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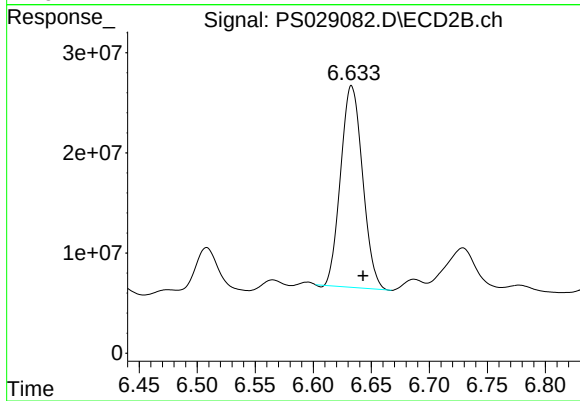
#1 Dalapon

R.T.: 2.645 min
Delta R.T.: -0.022 min
Response: 1170575358
Conc: 575.94 ng/ml m



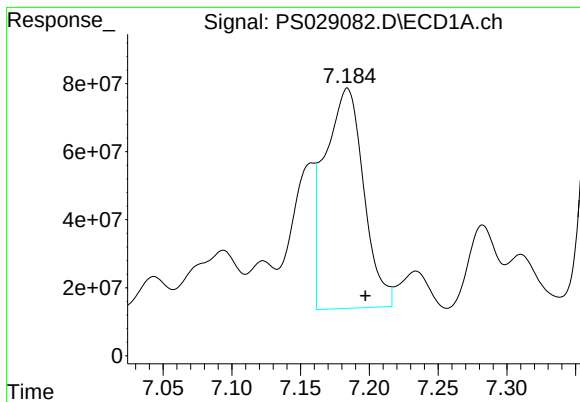
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.366 min
Delta R.T.: -0.009 min
Response: 728477821
Conc: 186.60 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.633 min
Delta R.T.: -0.010 min
Response: 264479241
Conc: 161.40 ng/ml



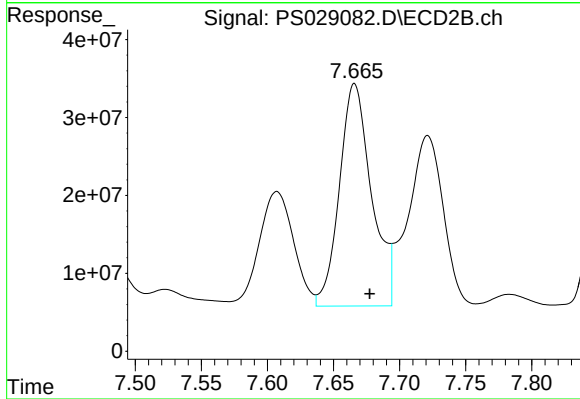
#4 2,4-DCAA

R.T.: 7.184 min
Delta R.T.: -0.013 min
Response: 1259027644
Conc: 464.59 ng/ml

Instrument :
ECD_S
ClientSampleId :
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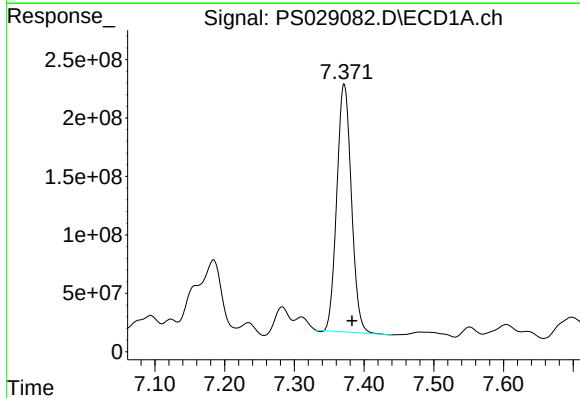
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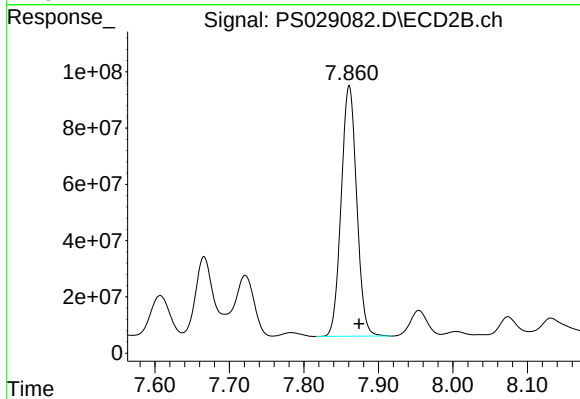
#4 2,4-DCAA

R.T.: 7.666 min
Delta R.T.: -0.012 min
Response: 482763122
Conc: 436.23 ng/ml



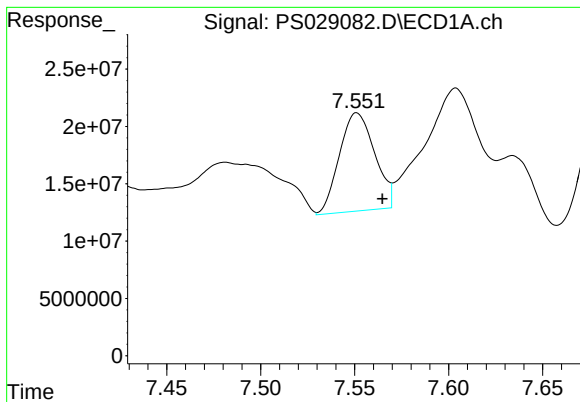
#5 DICAMBA

R.T.: 7.372 min
Delta R.T.: -0.011 min
Response: 3073247475
Conc: 263.62 ng/ml



#5 DICAMBA

R.T.: 7.861 min
Delta R.T.: -0.013 min
Response: 1289251533
Conc: 231.08 ng/ml



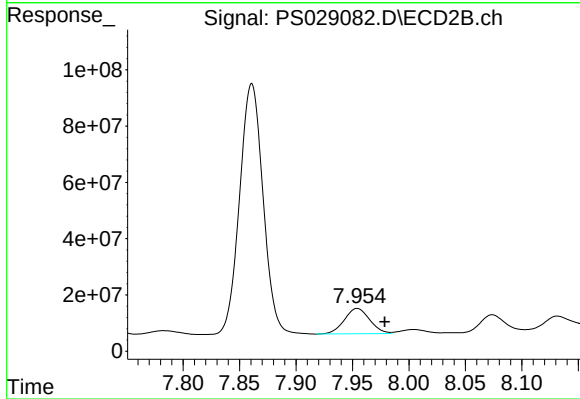
#6 MCPP

R.T.: 7.551 min
Delta R.T.: -0.014 min
Response: 112427019
Conc: 16.13 ug/ml

Instrument :
ECD_S
ClientSampleId :
72-11984MSD

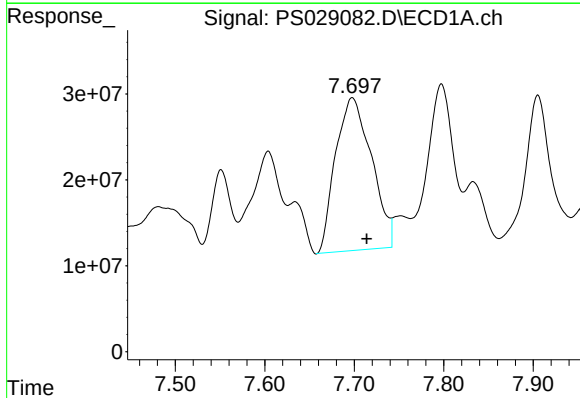
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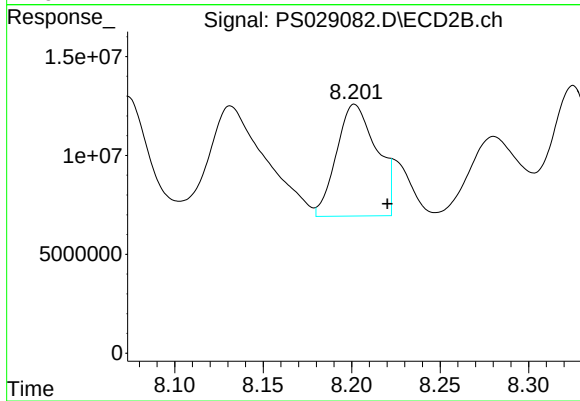
#6 MCPP

R.T.: 7.954 min
Delta R.T.: -0.024 min
Response: 140962957
Conc: 46.53 ug/ml



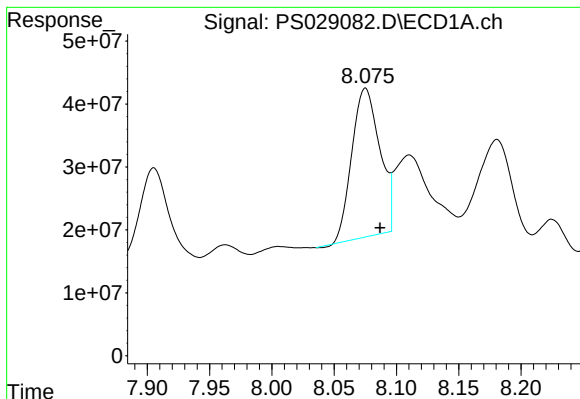
#7 MCPA

R.T.: 7.698 min
Delta R.T.: -0.016 min
Response: 497355460
Conc: 50.27 ug/ml



#7 MCPA

R.T.: 8.201 min
Delta R.T.: -0.019 min
Response: 87977753
Conc: 20.70 ug/ml m



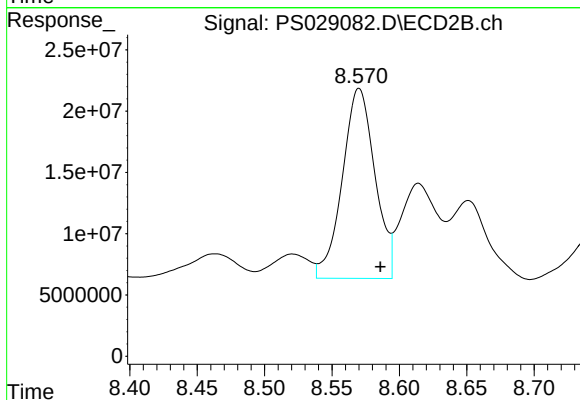
#8 DICHLORPROP

R.T.: 8.075 min
Delta R.T.: -0.012 min
Response: 369266356
Conc: 119.54 ng/ml

Instrument :
ECD_S
ClientSampleId :
72-11984MSD

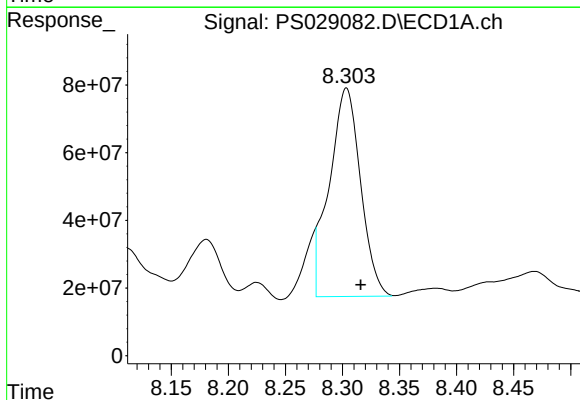
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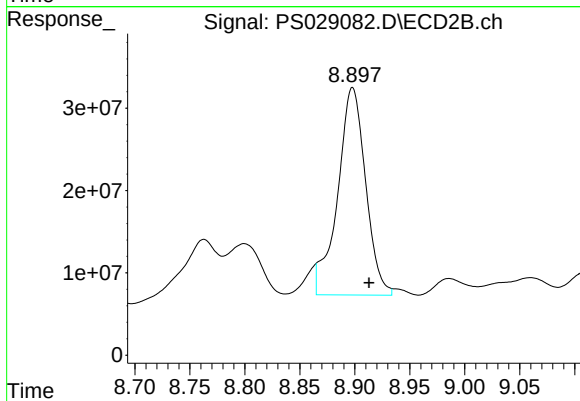
#8 DICHLORPROP

R.T.: 8.570 min
Delta R.T.: -0.016 min
Response: 261914696
Conc: 187.68 ng/ml



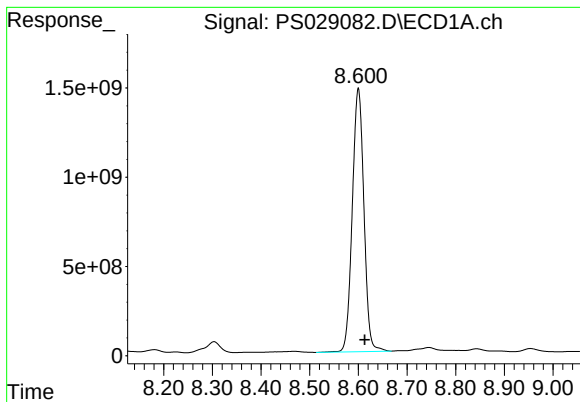
#9 2,4-D

R.T.: 8.303 min
Delta R.T.: -0.013 min
Response: 1168449442
Conc: 354.39 ng/ml m



#9 2,4-D

R.T.: 8.897 min
Delta R.T.: -0.015 min
Response: 445840944
Conc: 300.14 ng/ml m



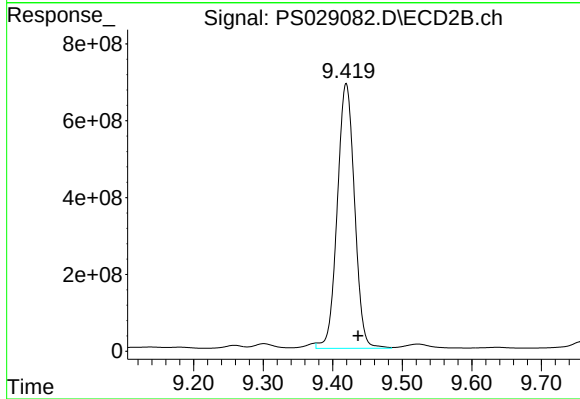
#10 Pentachlorophenol

R.T.: 8.600 min
Delta R.T.: -0.013 min
Response: 24430420501
Conc: 538.00 ng/ml

Instrument :
ECD_S
ClientSampleId :
72-11984MSD

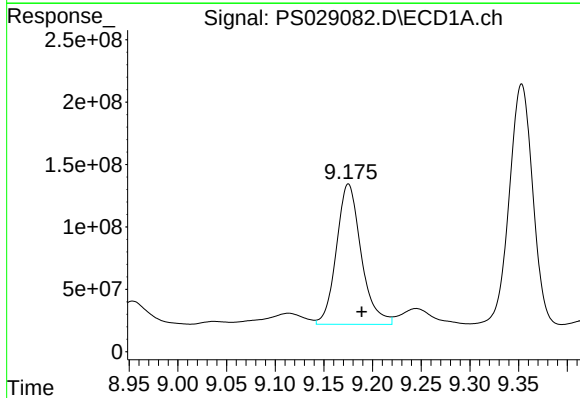
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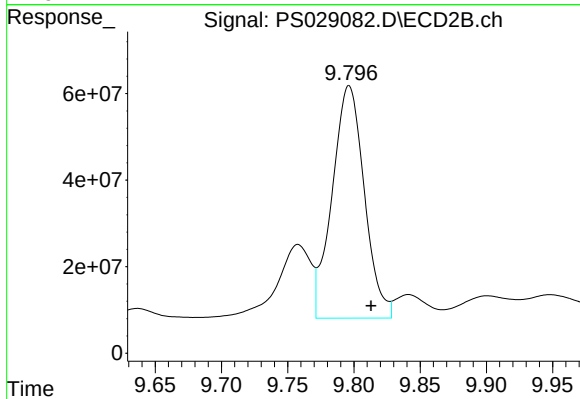
#10 Pentachlorophenol

R.T.: 9.419 min
Delta R.T.: -0.017 min
Response: 11897357118
Conc: 521.72 ng/ml m



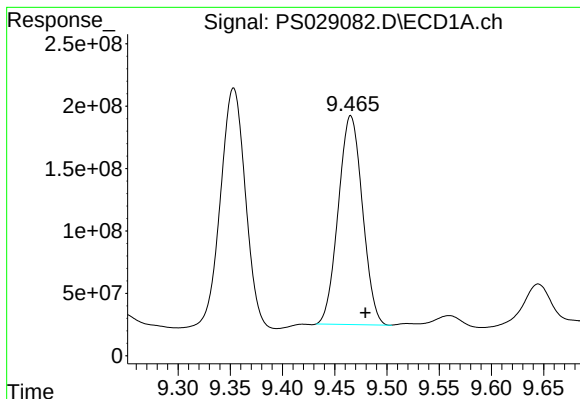
#11 2,4,5-TP (SILVEX)

R.T.: 9.175 min
Delta R.T.: -0.014 min
Response: 1992133474
Conc: 106.83 ng/ml



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

R.T.: 9.796 min
Delta R.T.: -0.017 min
Response: 909363539
Conc: 97.38 ng/ml



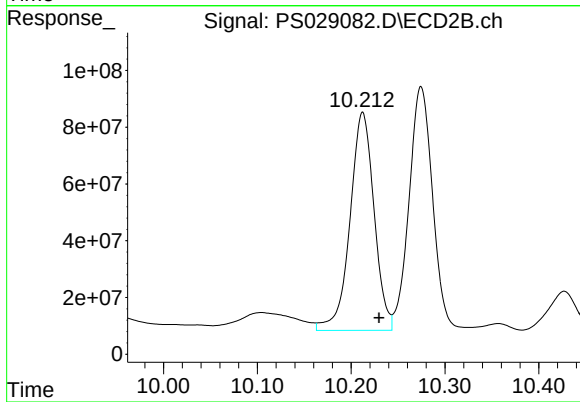
#12 2,4,5-T

R.T.: 9.465 min
Delta R.T.: -0.014 min
Response: 2696593994
Conc: 144.04 ng/ml

Instrument :
ECD_S
ClientSampleId :
72-11984MSD

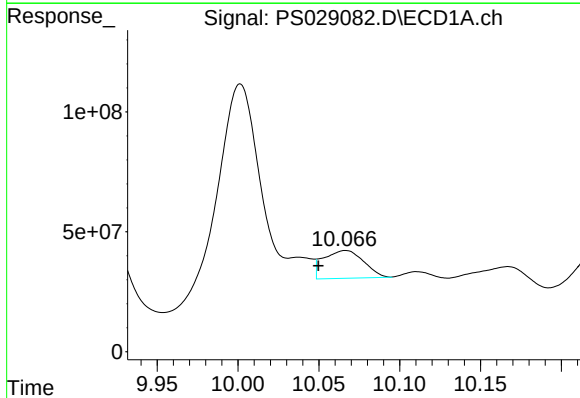
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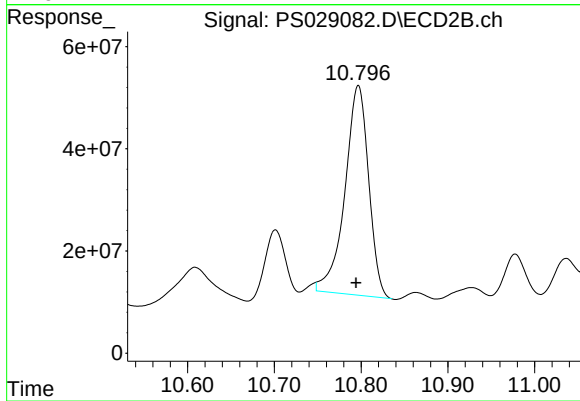
#12 2,4,5-T

R.T.: 10.212 min
Delta R.T.: -0.017 min
Response: 1374049792
Conc: 153.86 ng/ml



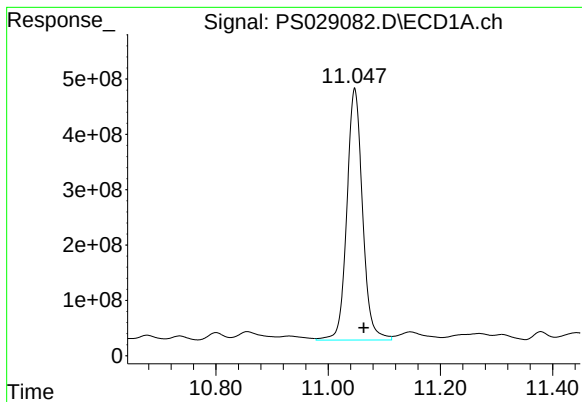
#13 2,4-DB

R.T.: 10.066 min
Delta R.T.: 0.016 min
Response: 198273748
Conc: 56.78 ng/ml m



#13 2,4-DB

R.T.: 10.796 min
Delta R.T.: 0.002 min
Response: 779026946
Conc: 783.29 ng/ml m



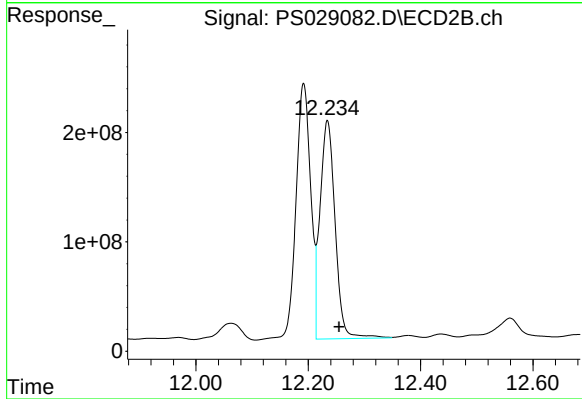
#15 Picloram

R.T.: 11.047 min
Delta R.T.: -0.016 min
Response: 8812457348
Conc: 284.37 ng/ml

Instrument :
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72-11984MSD

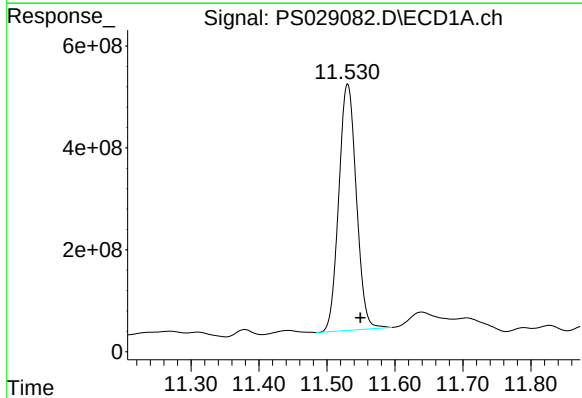
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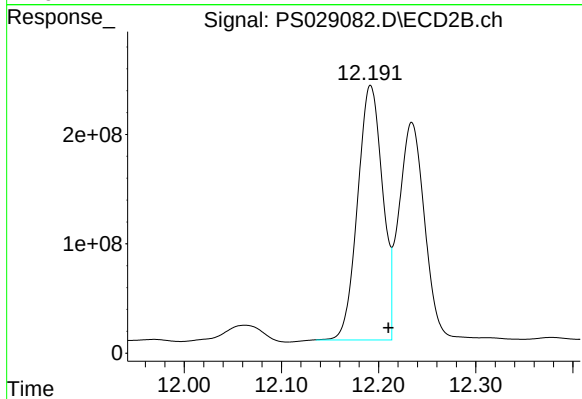
#15 Picloram

R.T.: 12.234 min
Delta R.T.: -0.020 min
Response: 3727000714
Conc: 276.90 ng/ml



#16 DCPA

R.T.: 11.530 min
Delta R.T.: -0.019 min
Response: 8665443481
Conc: 310.69 ng/ml



#16 DCPA

R.T.: 12.191 min
Delta R.T.: -0.019 min
Response: 4203291225
Conc: 373.00 ng/ml m