

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS032723\
 Data File : PS022527.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Mar 2023 18:20
 Operator : AR\AJ
 Sample : 02047-01MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 R-PITMSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/28/2023
 Supervised By : Ankita Jodhani 03/28/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 27 21:17:44 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS032023.M
 Quant Title : 8080.M
 QLast Update : Mon Mar 20 15:46:44 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : Rtx-CLPesticides Signal #2 Phase: Rtx-CLPesticides2
 Signal #1 Info : 30M x 0.32mm x 0.5 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	6.292	6.715	587.9E6	599.5E6	240.530m	291.043
Target Compounds							
2) T	3,5-DICHL...	5.677	5.919	729.3E6	580.6E6	195.878	182.080
5) T	DICAMBA	6.430	6.874	2167.7E6	1975.7E6	210.858	200.275
6) T	MCP	6.577	6.965	203.5E6	176.4E6	26.769m	22.664
7) T	MCPA	6.699	7.176	207.2E6	293.9E6	19.852	27.971m#
8) T	DICHLORPROP	7.013	7.495	500.3E6	527.4E6	188.761m	211.811
9) T	2,4-D	7.214	7.784	705.8E6	633.9E6	215.248	214.249
10) T	Pentachlo...	7.435	8.202	2065.7E6	1738.7E6	58.709	52.969
11) T	2,4,5-TP ...	7.961	8.565	2024.1E6	2096.2E6	135.412	153.886
12) T	2,4,5-T	8.219	8.941	2792.6E6	2246.7E6	170.060	178.596
13) T	2,4-DB	8.729	9.445	495.7E6	411.7E6	164.380	245.149m#
15) T	Picloram	9.610	10.738	5546.2E6	4555.7E6	223.446	227.026
16) T	DCPA	10.034	10.692	6239.9E6	5140.5E6	302.521m	324.071

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

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ALS Vial : 16 Sample Multiplier: 1

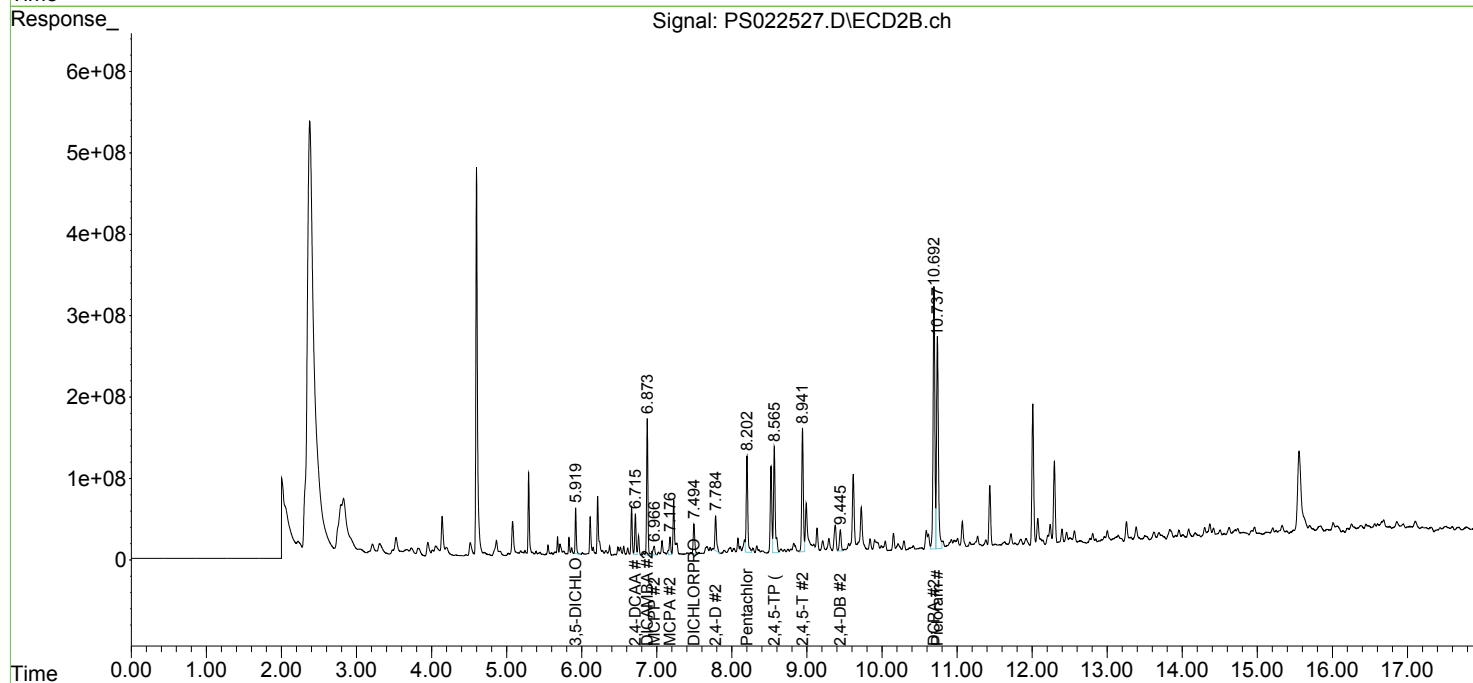
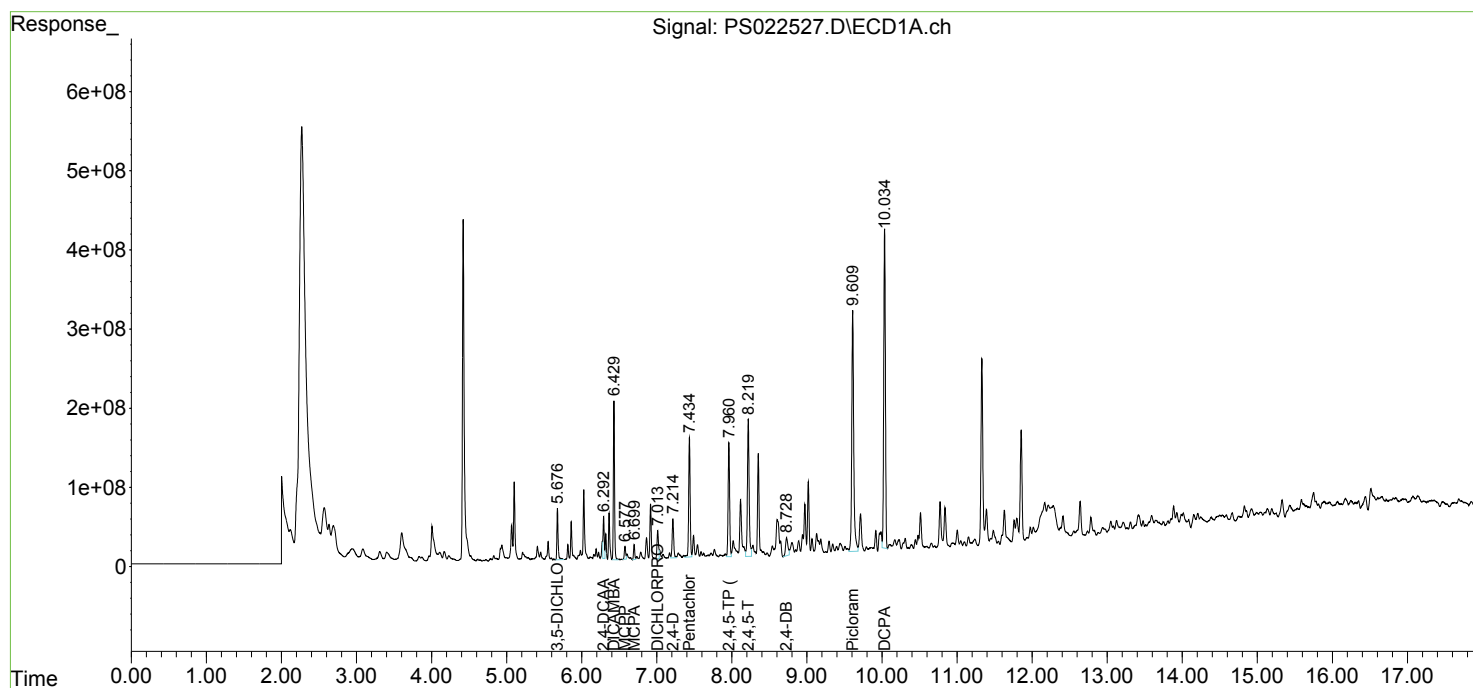
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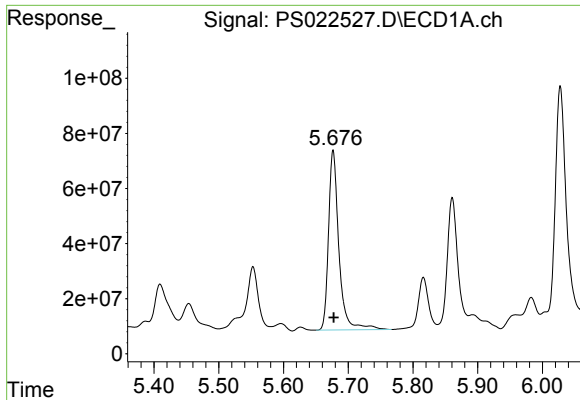
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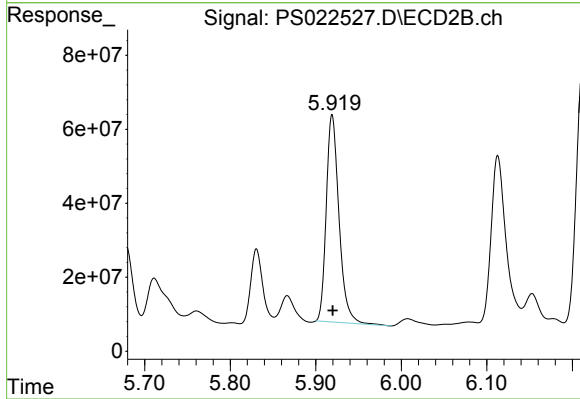
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.677 min
Delta R.T.: 0.000 min
Response: 729317219
Conc: 195.88 ng/ml

Instrument :
ECD_S
ClientSampleId :
R-PITMSD

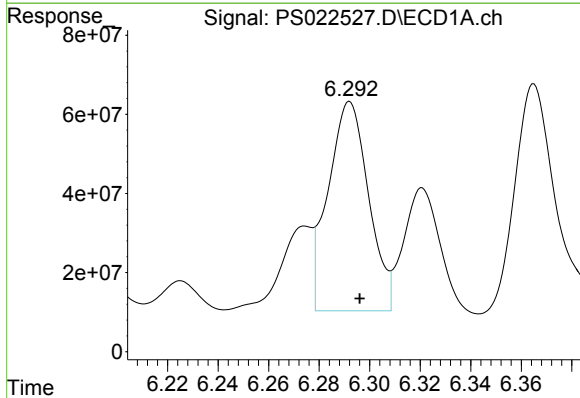
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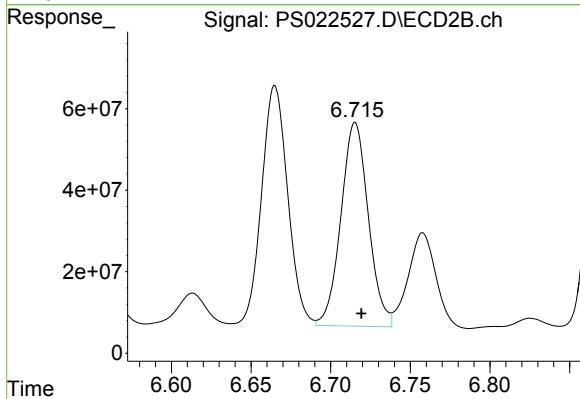
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.919 min
Delta R.T.: 0.000 min
Response: 580644862
Conc: 182.08 ng/ml



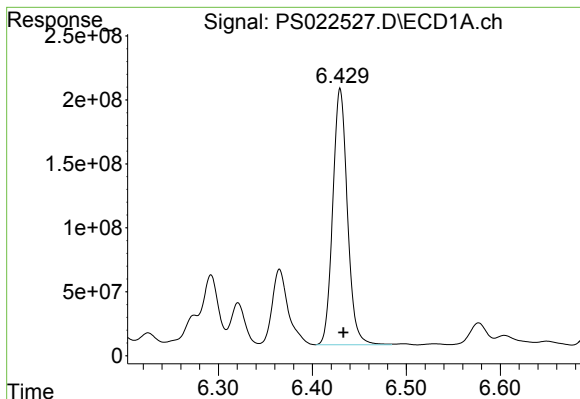
#4 2,4-DCAA

R.T.: 6.292 min
Delta R.T.: -0.004 min
Response: 587947263
Conc: 240.53 ng/ml m



#4 2,4-DCAA

R.T.: 6.715 min
Delta R.T.: -0.004 min
Response: 599457320
Conc: 291.04 ng/ml



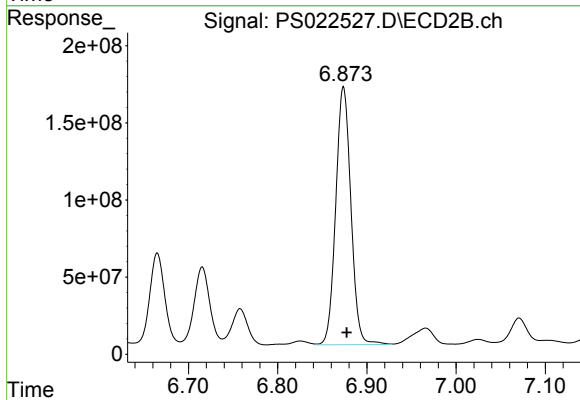
#5 DICAMBA

R.T.: 6.430 min
Delta R.T.: -0.003 min
Response: 2167672353
Conc: 210.86 ng/ml

Instrument :
ECD_S
ClientSampleId :
R-PITMSD

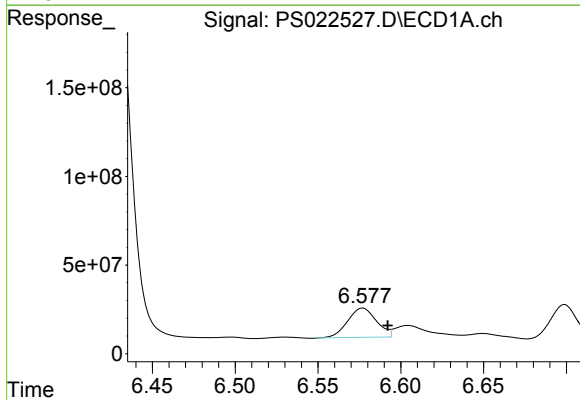
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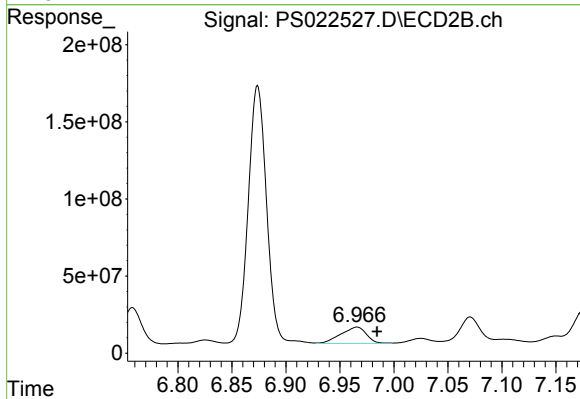
#5 DICAMBA

R.T.: 6.874 min
Delta R.T.: -0.004 min
Response: 1975706286
Conc: 200.27 ng/ml



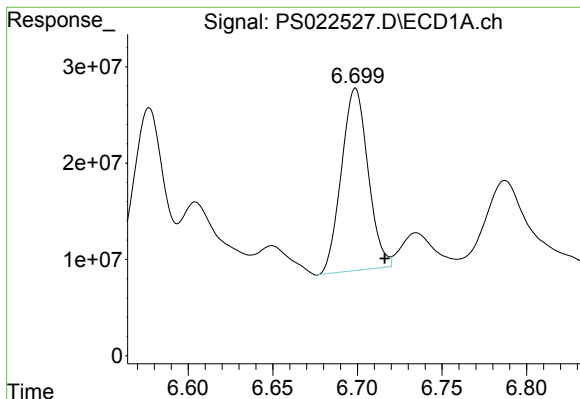
#6 MCP

R.T.: 6.577 min
Delta R.T.: -0.016 min
Response: 203507925
Conc: 26.77 ug/ml m



#6 MCP

R.T.: 6.965 min
Delta R.T.: -0.019 min
Response: 176426230
Conc: 22.66 ug/ml



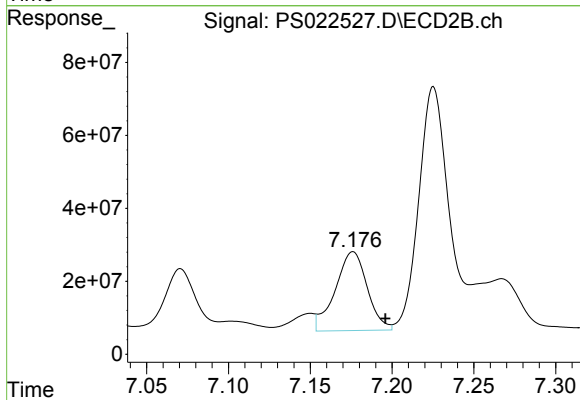
#7 MCPA

R.T.: 6.699 min
Delta R.T.: -0.017 min
Response: 207201796
Conc: 19.85 ug/ml

Instrument :
ECD_S
ClientSampleId :
R-PITMSD

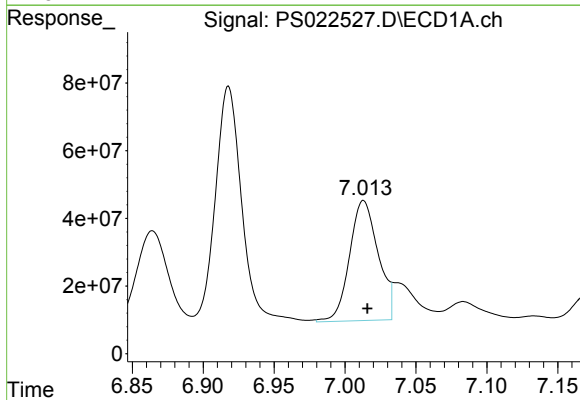
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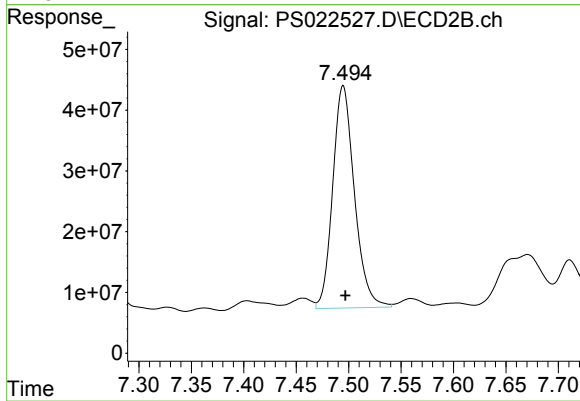
#7 MCPA

R.T.: 7.176 min
Delta R.T.: -0.020 min
Response: 293873610
Conc: 27.97 ug/ml m



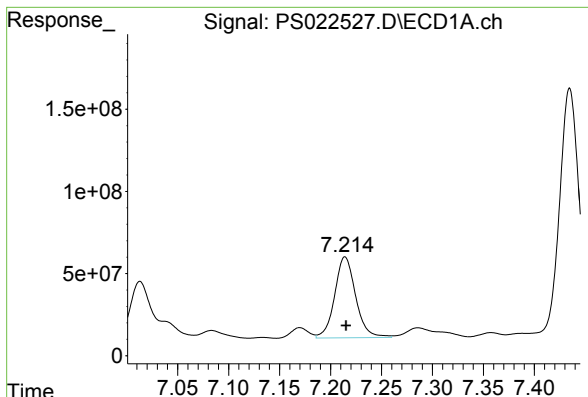
#8 DICHLORPROP

R.T.: 7.013 min
Delta R.T.: -0.003 min
Response: 500269625
Conc: 188.76 ng/ml m



#8 DICHLORPROP

R.T.: 7.495 min
Delta R.T.: -0.002 min
Response: 527414976
Conc: 211.81 ng/ml



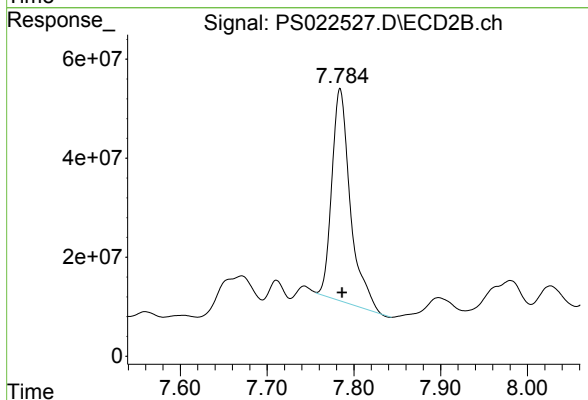
#9 2,4-D

R.T.: 7.214 min
Delta R.T.: 0.000 min
Response: 705801145
Conc: 215.25 ng/ml

Instrument :
ECD_S
ClientSampleId :
R-PITMSD

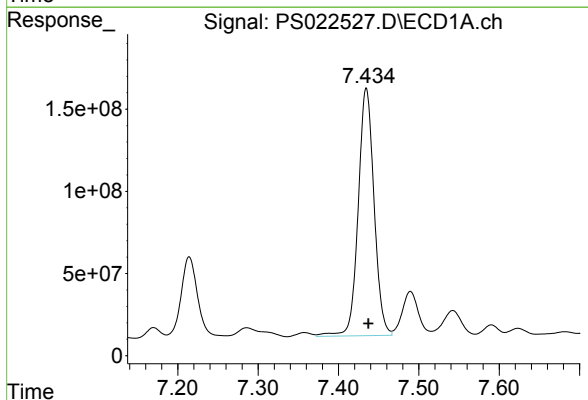
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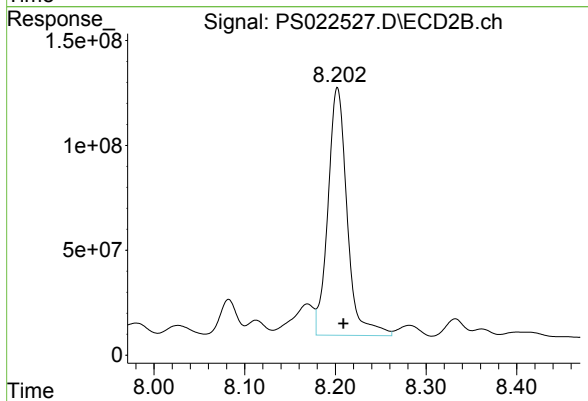
#9 2,4-D

R.T.: 7.784 min
Delta R.T.: -0.002 min
Response: 633850449
Conc: 214.25 ng/ml



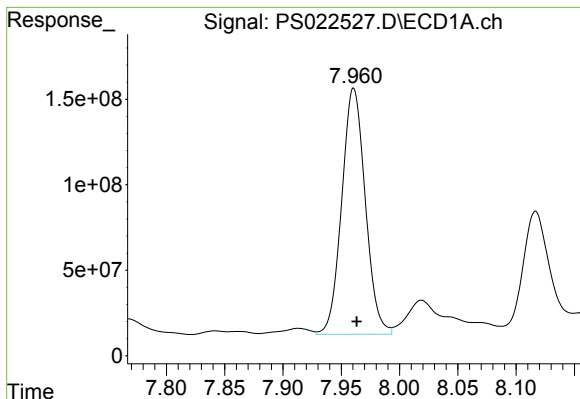
#10 Pentachlorophenol

R.T.: 7.435 min
Delta R.T.: -0.002 min
Response: 2065703515
Conc: 58.71 ng/ml



#10 Pentachlorophenol

R.T.: 8.202 min
Delta R.T.: -0.006 min
Response: 1738667069
Conc: 52.97 ng/ml



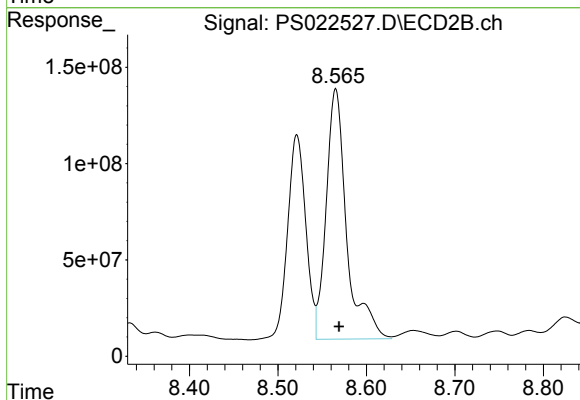
#11 2,4,5-TP (SILVEX)

R.T.: 7.961 min
Delta R.T.: -0.003 min
Response: 2024067226
Conc: 135.41 ng/ml

Instrument :
ECD_S
ClientSampleId :
R-PITMSD

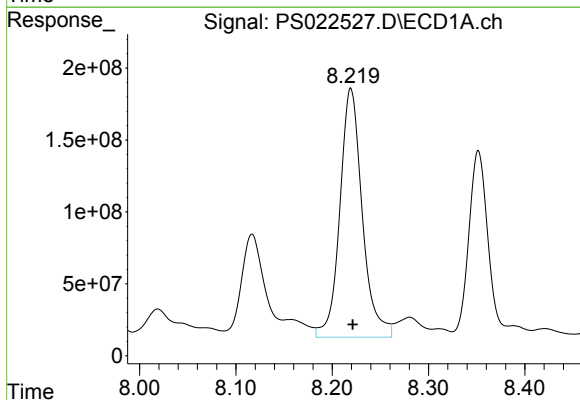
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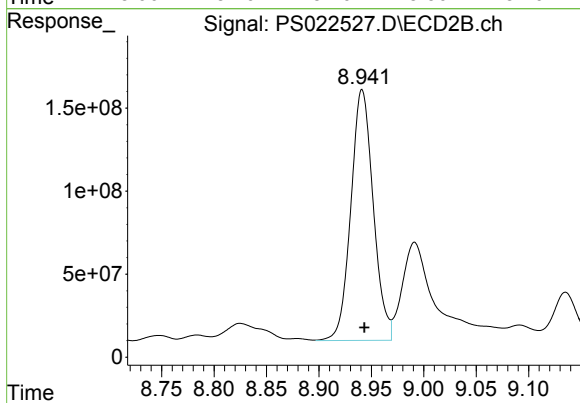
#11 2,4,5-TP (SILVEX)

R.T.: 8.565 min
Delta R.T.: -0.004 min
Response: 2096209135
Conc: 153.89 ng/ml



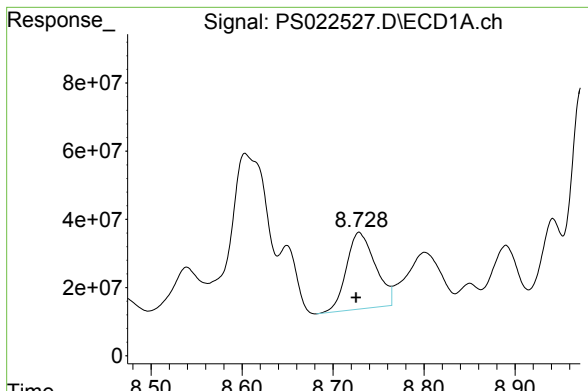
#12 2,4,5-T

R.T.: 8.219 min
Delta R.T.: -0.002 min
Response: 2792591212
Conc: 170.06 ng/ml



#12 2,4,5-T

R.T.: 8.941 min
Delta R.T.: -0.002 min
Response: 2246708016
Conc: 178.60 ng/ml



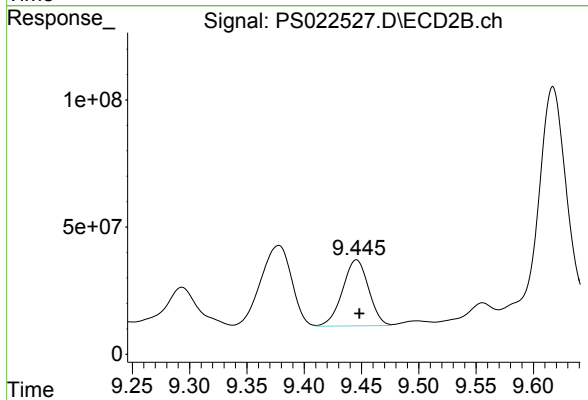
#13 2,4-DB

R.T.: 8.729 min
Delta R.T.: 0.004 min
Response: 495653140
Conc: 164.38 ng/ml

Instrument :
ECD_S
ClientSampleId :
R-PITMSD

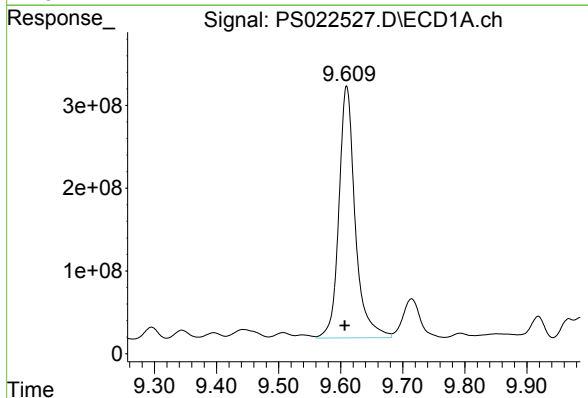
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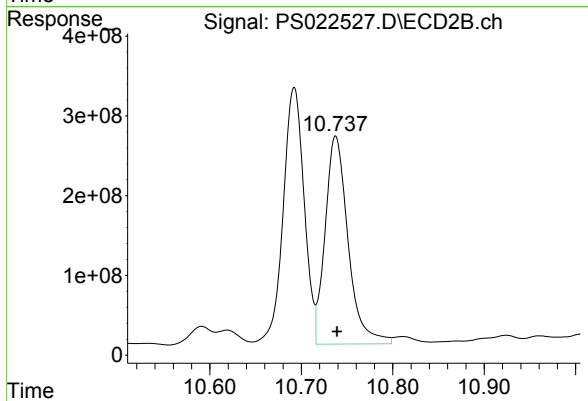
#13 2,4-DB

R.T.: 9.445 min
Delta R.T.: -0.003 min
Response: 411679244
Conc: 245.15 ng/ml m



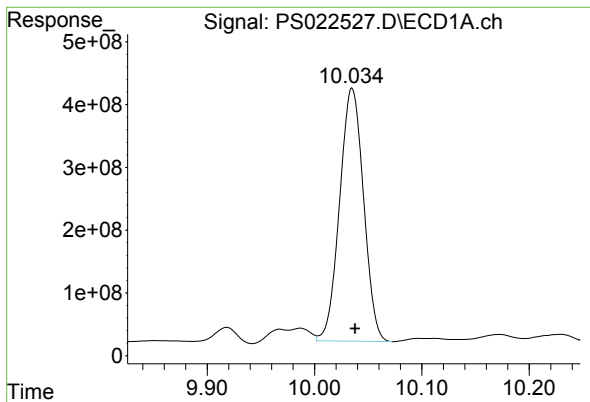
#15 Picloram

R.T.: 9.610 min
Delta R.T.: 0.003 min
Response: 5546236138
Conc: 223.45 ng/ml



#15 Picloram

R.T.: 10.738 min
Delta R.T.: -0.002 min
Response: 4555742675
Conc: 227.03 ng/ml



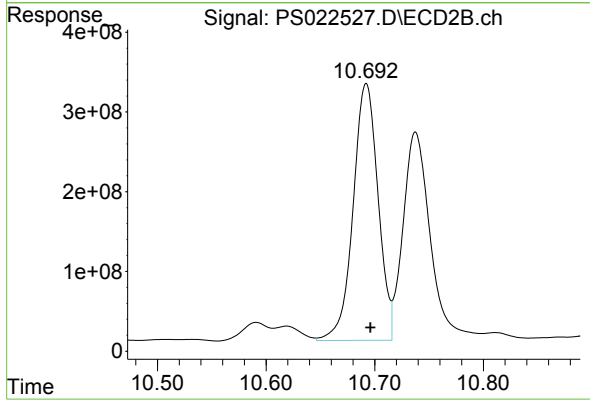
#16 DCPA

R.T.: 10.034 min
Delta R.T.: -0.004 min
Response: 6239895404
Conc: 302.52 ng/ml

Instrument :
ECD_S
ClientSampleId :
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#16 DCPA

R.T.: 10.692 min
Delta R.T.: -0.004 min
Response: 5140495944
Conc: 324.07 ng/ml