

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS032723\
 Data File : PS022526.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Mar 2023 17:56
 Operator : AR\AJ
 Sample : 02047-01MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 R-PITMS

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 21:17:21 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	6.716	622.5E6	600.6E6	254.673m	291.616
Target Compounds							
2) T	3,5-DICHL...	5.677	5.920	727.5E6	583.3E6	195.395	182.907
5) T	DICAMBA	6.430	6.874	2167.1E6	1979.1E6	210.799	200.616
6) T	MCP	6.576	6.966	208.2E6	177.3E6	27.386m	22.775
7) T	MCPA	6.699	7.175	209.0E6	283.0E6	20.027	26.939m#
8) T	DICHLORPROP	7.013	7.495	495.8E6	535.3E6	187.064m	214.997
9) T	2,4-D	7.215	7.784	706.5E6	635.0E6	215.472	214.624
10) T	Pentachlo...	7.435	8.203	2064.3E6	1739.1E6	58.670	52.983
11) T	2,4,5-TP ...	7.961	8.566	2022.5E6	2095.2E6	135.308	153.815
12) T	2,4,5-T	8.220	8.942	2785.7E6	2246.6E6	169.639	178.589
13) T	2,4-DB	8.729	9.445	490.4E6	410.5E6	162.625	244.442m#
15) T	Picloram	9.610	10.739	5564.3E6	4561.4E6	224.173	227.307
16) T	DCPA	10.035	10.693	6246.3E6	5142.3E6	302.832m	324.185

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

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Operator : AR\AJ
Sample : 02047-01MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

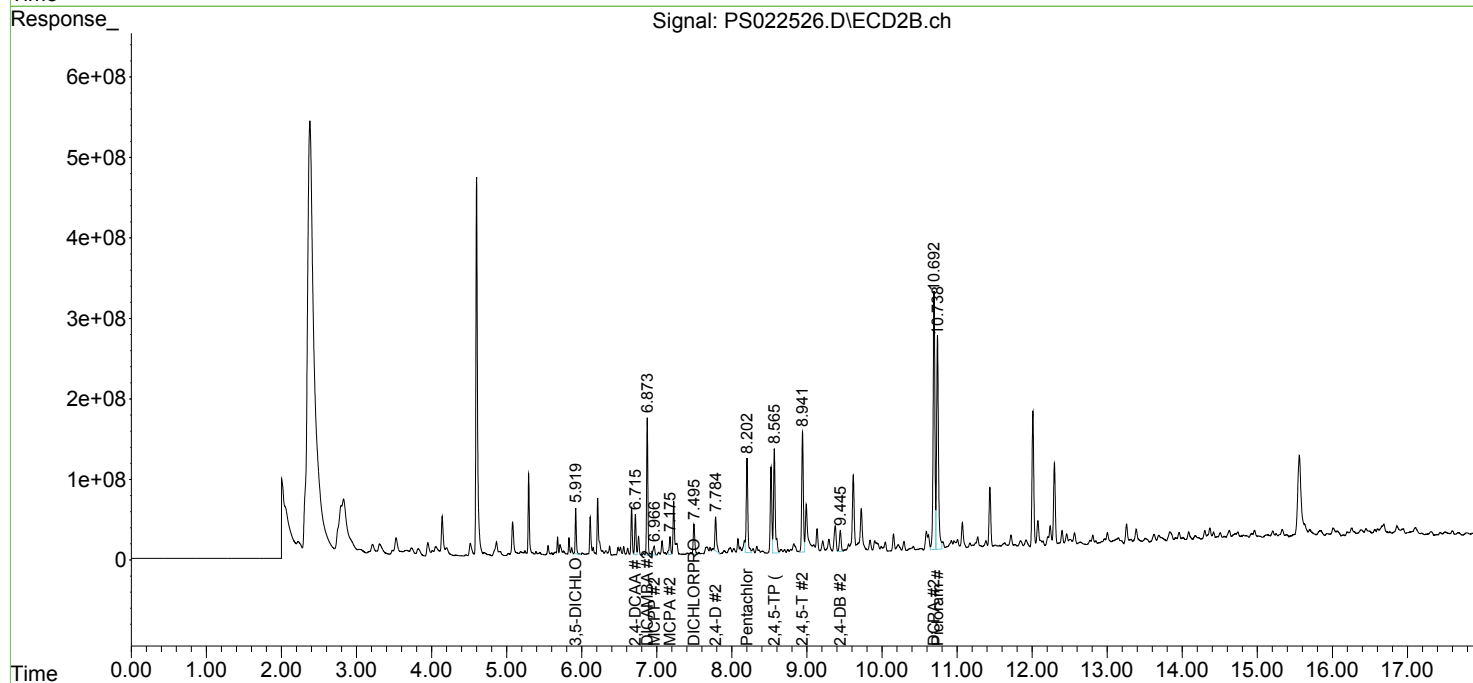
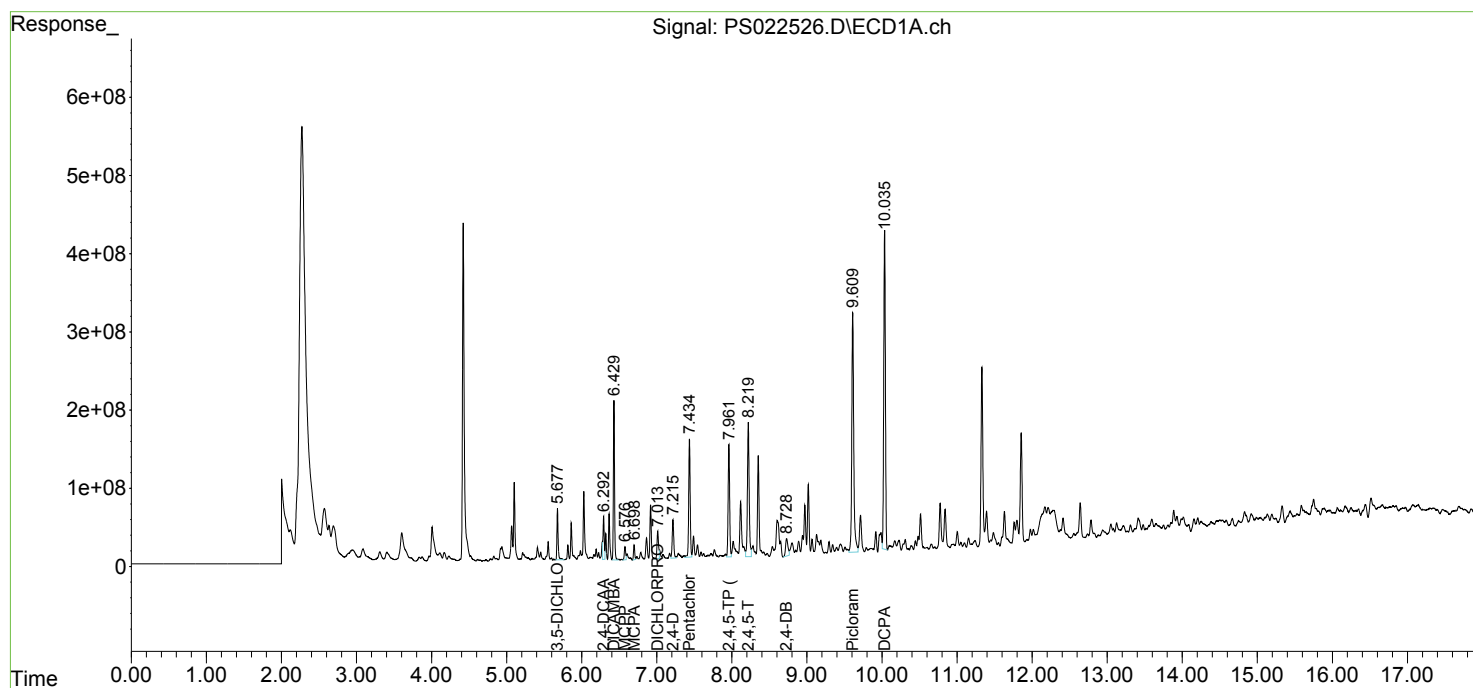
Instrument :
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ClientSampleId :
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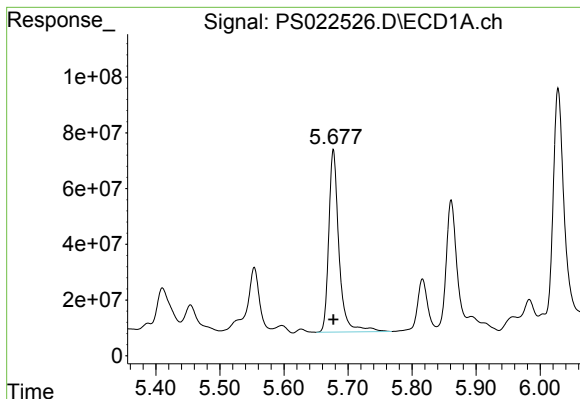
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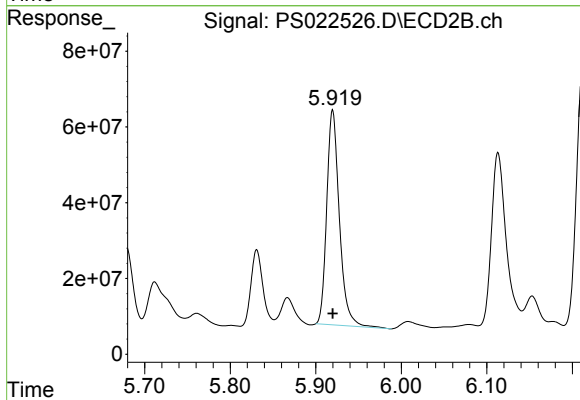
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.677 min
Delta R.T.: 0.000 min
Response: 727520122
Conc: 195.40 ng/ml

Instrument :
ECD_S
ClientSampleId :
R-PITMS

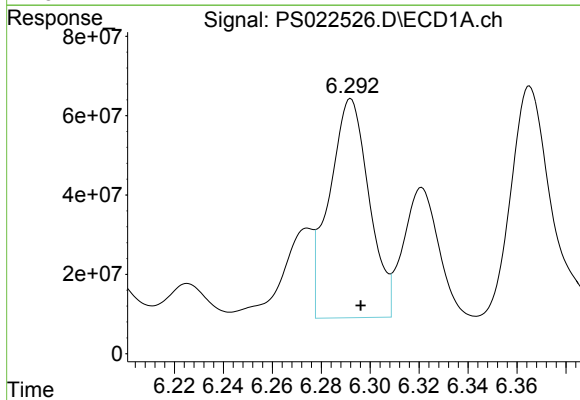
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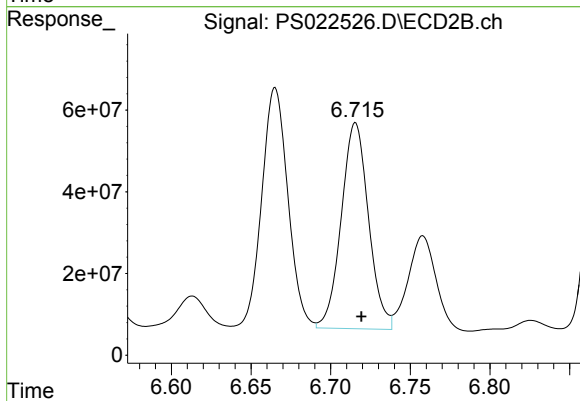
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.920 min
Delta R.T.: 0.000 min
Response: 583281690
Conc: 182.91 ng/ml



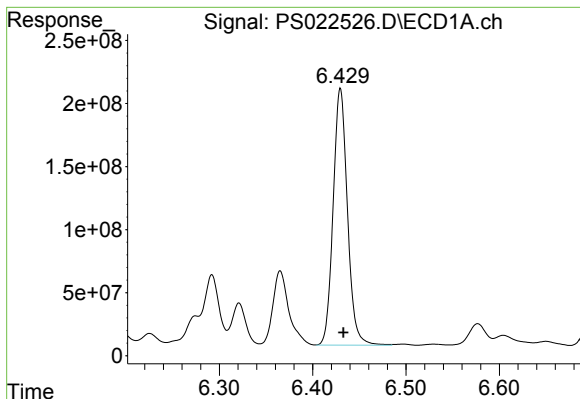
#4 2,4-DCAA

R.T.: 6.292 min
Delta R.T.: -0.004 min
Response: 622517476
Conc: 254.67 ng/ml m



#4 2,4-DCAA

R.T.: 6.716 min
Delta R.T.: -0.004 min
Response: 600638190
Conc: 291.62 ng/ml



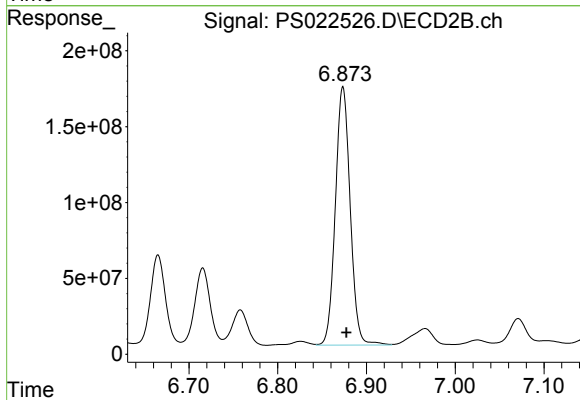
#5 DICAMBA

R.T.: 6.430 min
Delta R.T.: -0.003 min
Response: 2167070045
Conc: 210.80 ng/ml

Instrument :
ECD_S
ClientSampleId :
R-PITMS

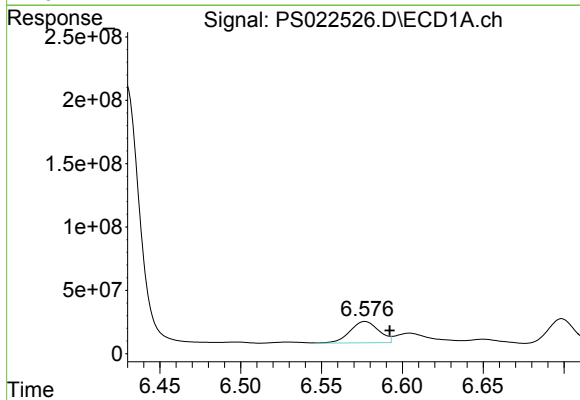
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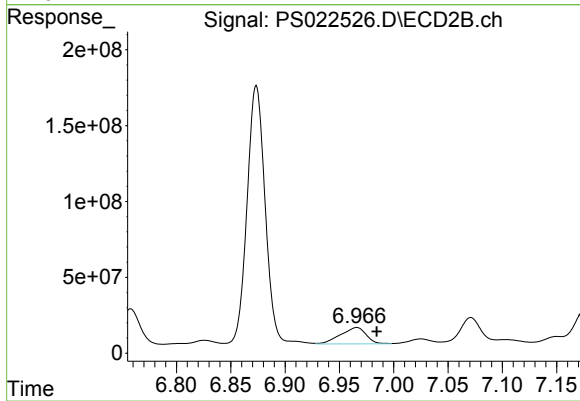
#5 DICAMBA

R.T.: 6.874 min
Delta R.T.: -0.004 min
Response: 1979070304
Conc: 200.62 ng/ml



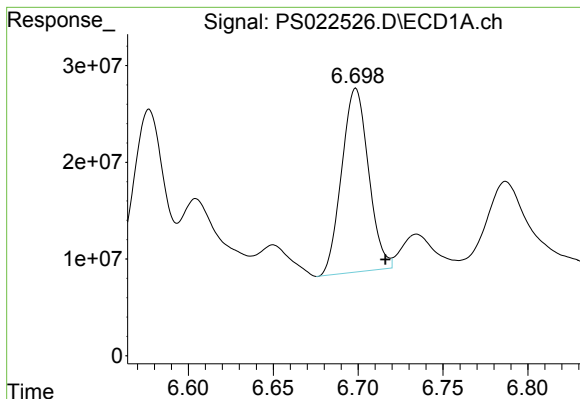
#6 MCPP

R.T.: 6.576 min
Delta R.T.: -0.016 min
Response: 208193875
Conc: 27.39 ug/ml m



#6 MCPP

R.T.: 6.966 min
Delta R.T.: -0.018 min
Response: 177287946
Conc: 22.78 ug/ml



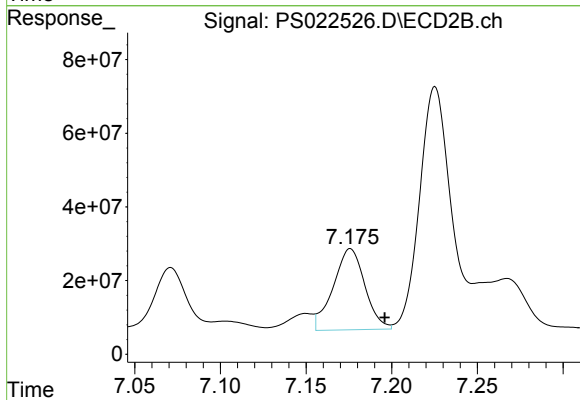
#7 MCPA

R.T.: 6.699 min
Delta R.T.: -0.018 min
Response: 209020701
Conc: 20.03 ug/ml

Instrument :
ECD_S
ClientSampleId :
R-PITMS

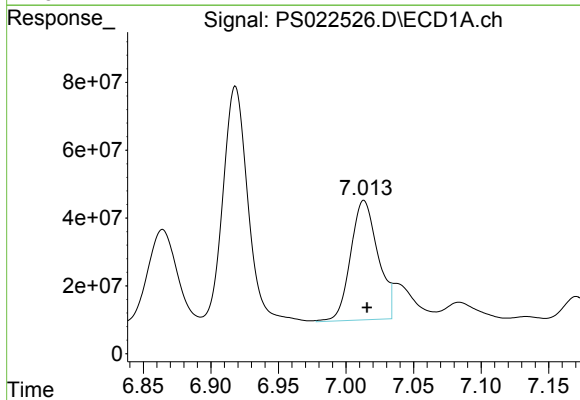
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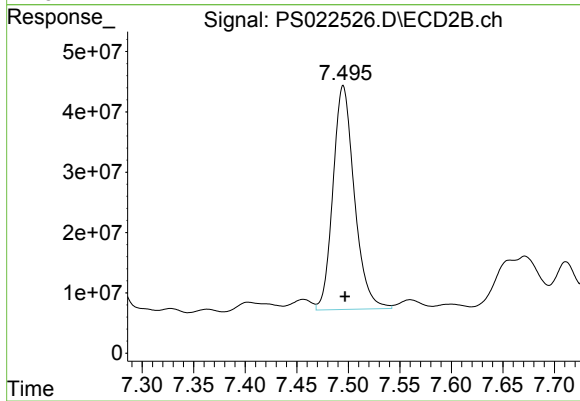
#7 MCPA

R.T.: 7.175 min
Delta R.T.: -0.021 min
Response: 283028988
Conc: 26.94 ug/ml m



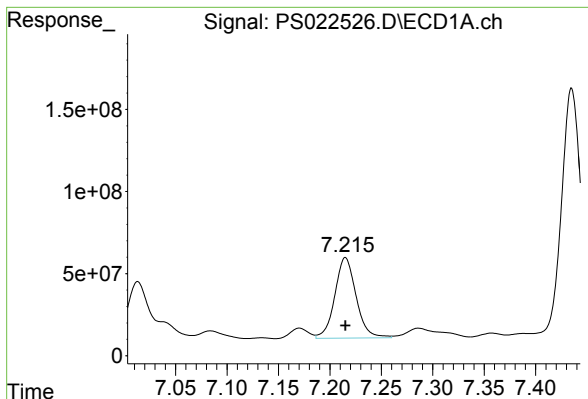
#8 DICHLORPROP

R.T.: 7.013 min
Delta R.T.: -0.003 min
Response: 495771880
Conc: 187.06 ng/ml m



#8 DICHLORPROP

R.T.: 7.495 min
Delta R.T.: -0.002 min
Response: 535348599
Conc: 215.00 ng/ml



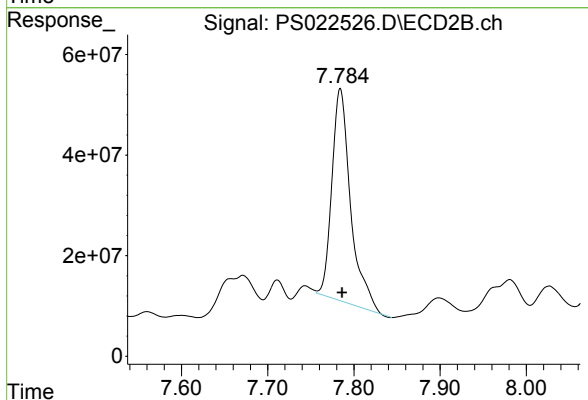
#9 2,4-D

R.T.: 7.215 min
Delta R.T.: 0.000 min
Response: 706534945
Conc: 215.47 ng/ml

Instrument :
ECD_S
ClientSampleId :
R-PITMS

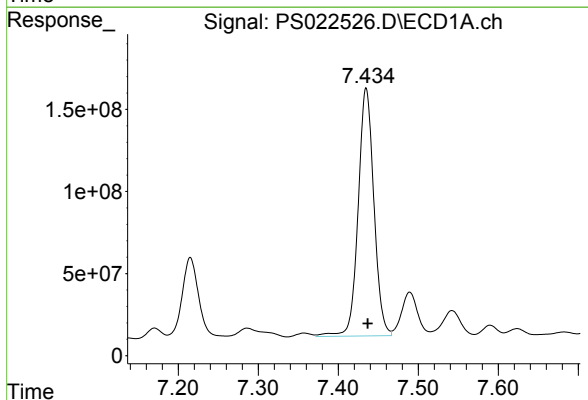
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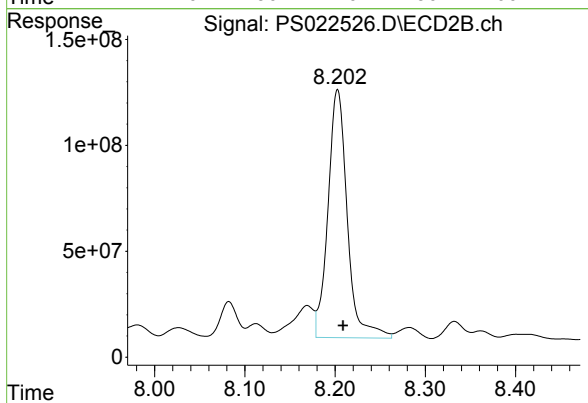
#9 2,4-D

R.T.: 7.784 min
Delta R.T.: -0.002 min
Response: 634960504
Conc: 214.62 ng/ml



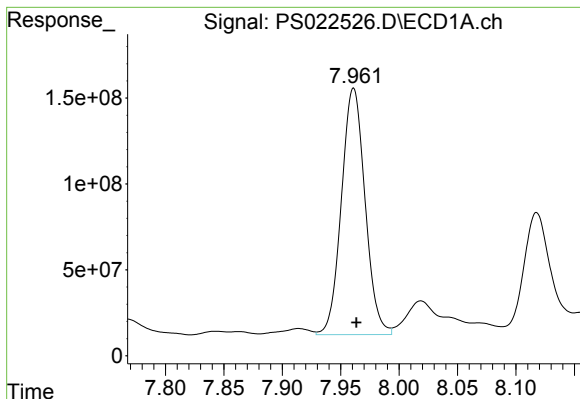
#10 Pentachlorophenol

R.T.: 7.435 min
Delta R.T.: -0.002 min
Response: 2064297342
Conc: 58.67 ng/ml



#10 Pentachlorophenol

R.T.: 8.203 min
Delta R.T.: -0.006 min
Response: 1739117088
Conc: 52.98 ng/ml



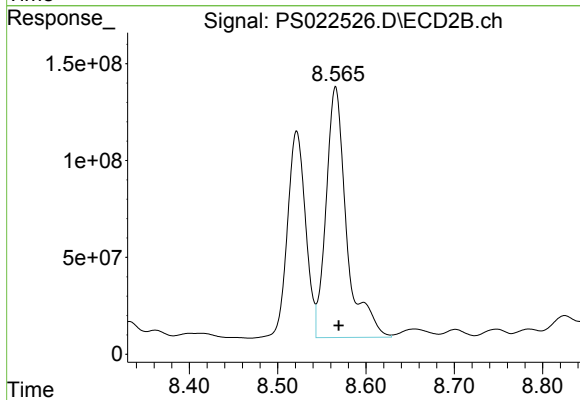
#11 2,4,5-TP (SILVEX)

R.T.: 7.961 min
Delta R.T.: -0.002 min
Response: 2022525058
Conc: 135.31 ng/ml

Instrument :
ECD_S
ClientSampleId :
R-PITMS

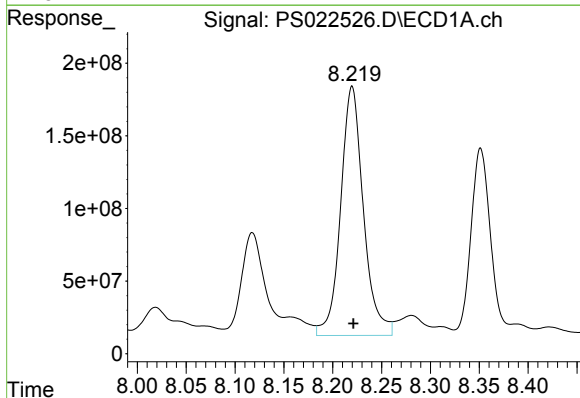
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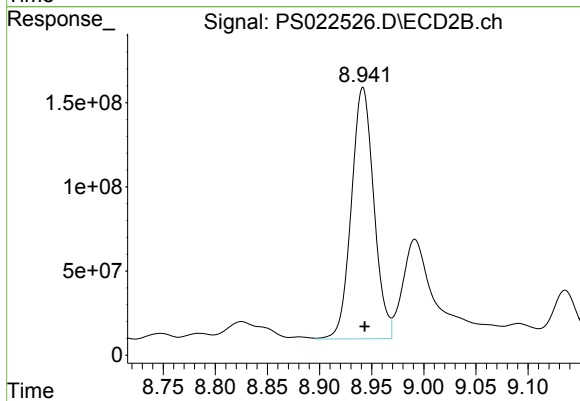
#11 2,4,5-TP (SILVEX)

R.T.: 8.566 min
Delta R.T.: -0.004 min
Response: 2095249925
Conc: 153.82 ng/ml



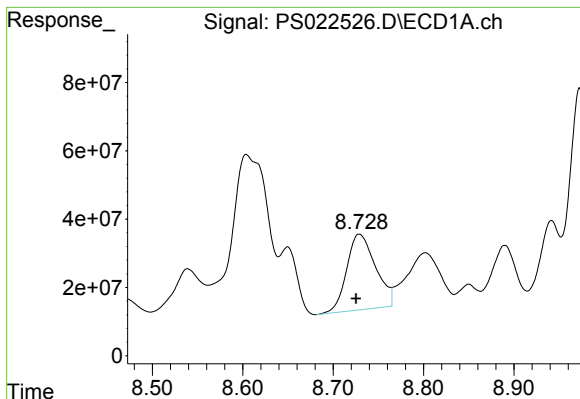
#12 2,4,5-T

R.T.: 8.220 min
Delta R.T.: -0.001 min
Response: 2785675726
Conc: 169.64 ng/ml



#12 2,4,5-T

R.T.: 8.942 min
Delta R.T.: -0.002 min
Response: 2246619231
Conc: 178.59 ng/ml



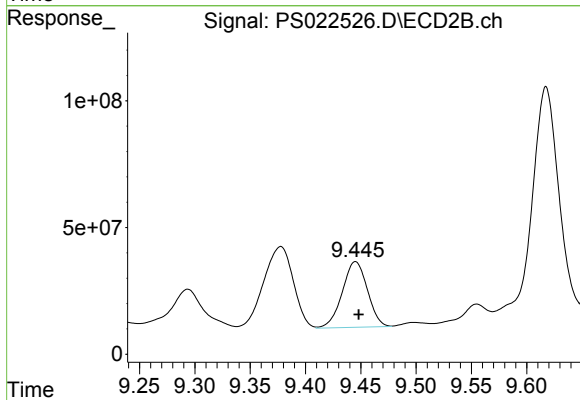
#13 2,4-DB

R.T.: 8.729 min
Delta R.T.: 0.004 min
Response: 490363247
Conc: 162.63 ng/ml

Instrument :
ECD_S
ClientSampleId :
R-PITMS

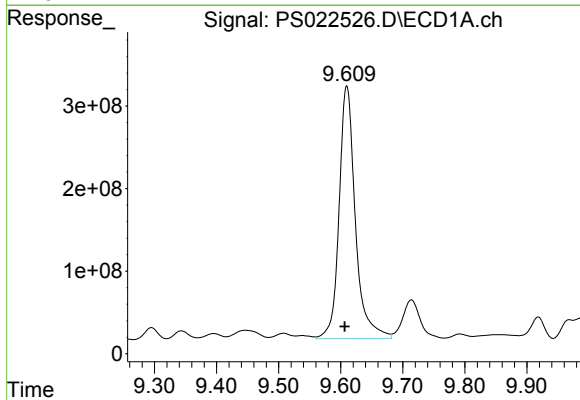
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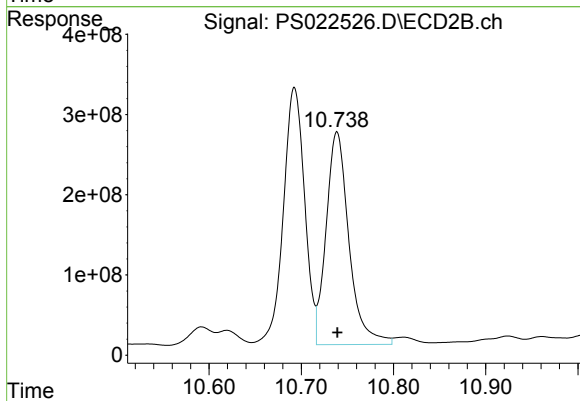
#13 2,4-DB

R.T.: 9.445 min
Delta R.T.: -0.003 min
Response: 410490744
Conc: 244.44 ng/ml m



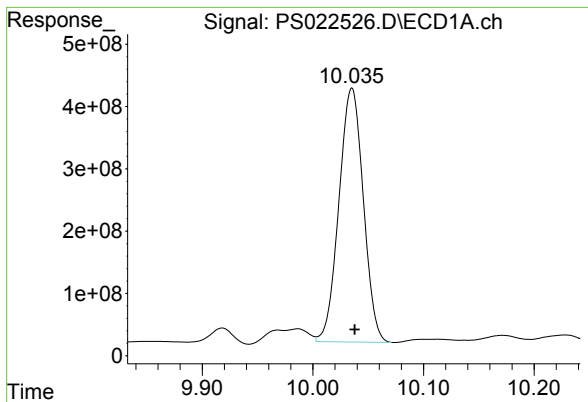
#15 Picloram

R.T.: 9.610 min
Delta R.T.: 0.003 min
Response: 5564268112
Conc: 224.17 ng/ml



#15 Picloram

R.T.: 10.739 min
Delta R.T.: 0.000 min
Response: 4561375120
Conc: 227.31 ng/ml



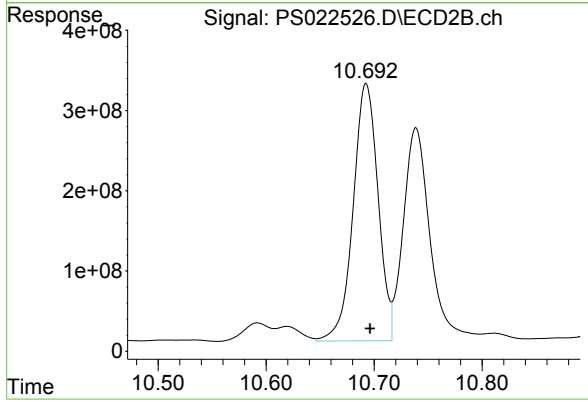
#16 DCPA

R.T.: 10.035 min
Delta R.T.: -0.003 min
Response: 6246305274
Conc: 302.83 ng/ml

Instrument :
ECD_S
ClientSampleId :
R-PITMS

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#16 DCPA

R.T.: 10.693 min
Delta R.T.: -0.004 min
Response: 5142310037
Conc: 324.18 ng/ml