

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052324AR\
 Data File : FD047826.D
 Signal(s) : FID2B.ch
 Acq On : 23 May 2024 16:11
 Operator : YP/AJ
 Sample : P2560-10
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 24 04:11:58 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052124.M
 Quant Title : GC Extractables
 QLast Update : Tue May 21 19:00:48 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.460	11261979	80.218 ug/ml
Spiked Amount 50.000		Recovery =	160.44%
6) S 2-Fluorobiphenyl (SURR)	8.317	13141095	141.894 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	283.79%#
11) S ortho-Terphenyl (SURR)	11.308	61384486	383.926 ug/ml
Spiked Amount 50.000		Recovery =	767.85%
Target Compounds			
3) T 2-Methylnaphthalene (...)	6.851	1496642	9.083 ug/ml
5) T Acenaphthylene (C15.06)	8.118	2055736	12.578 ug/ml
7) T Acenaphthene (C15.5)	8.408	3761283	23.036 ug/ml
8) T Flouorene (C16.55)	9.174	13096099	83.248 ug/ml
9) T Phenanthrene (C19.36)	10.613	81655268	529.519 ug/ml
10) T Anthracene (C19.43)	10.651	24939083	165.892 ug/ml
12) T Fluoranthene (C21.85)	12.394	26831270	176.807 ug/ml
13) T Pyrene (C20.8)	12.676	28940698	191.972 ug/ml
14) T Benzo[a]anthracene (C...	14.567	9656683	70.444 ug/ml
15) T Chrysene (C27.41)	14.608	7039685	47.785 ug/ml
16) T benzo[b]fluoranthene ...	16.107	6532249	46.413 ug/ml
17) T Bnezo[k]fluoranthene ...	16.107	6532249	47.968 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.479	3340851	24.136 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.839	2092492	18.151 ug/ml
20) T Dibenz[a,h]anthracene...	17.878	566030	4.245 ug/ml
21) T Benzo[g,h,i]perylene ...	18.090	1568778	11.796 ug/ml

(f)=RT Delta > 1/2 Window

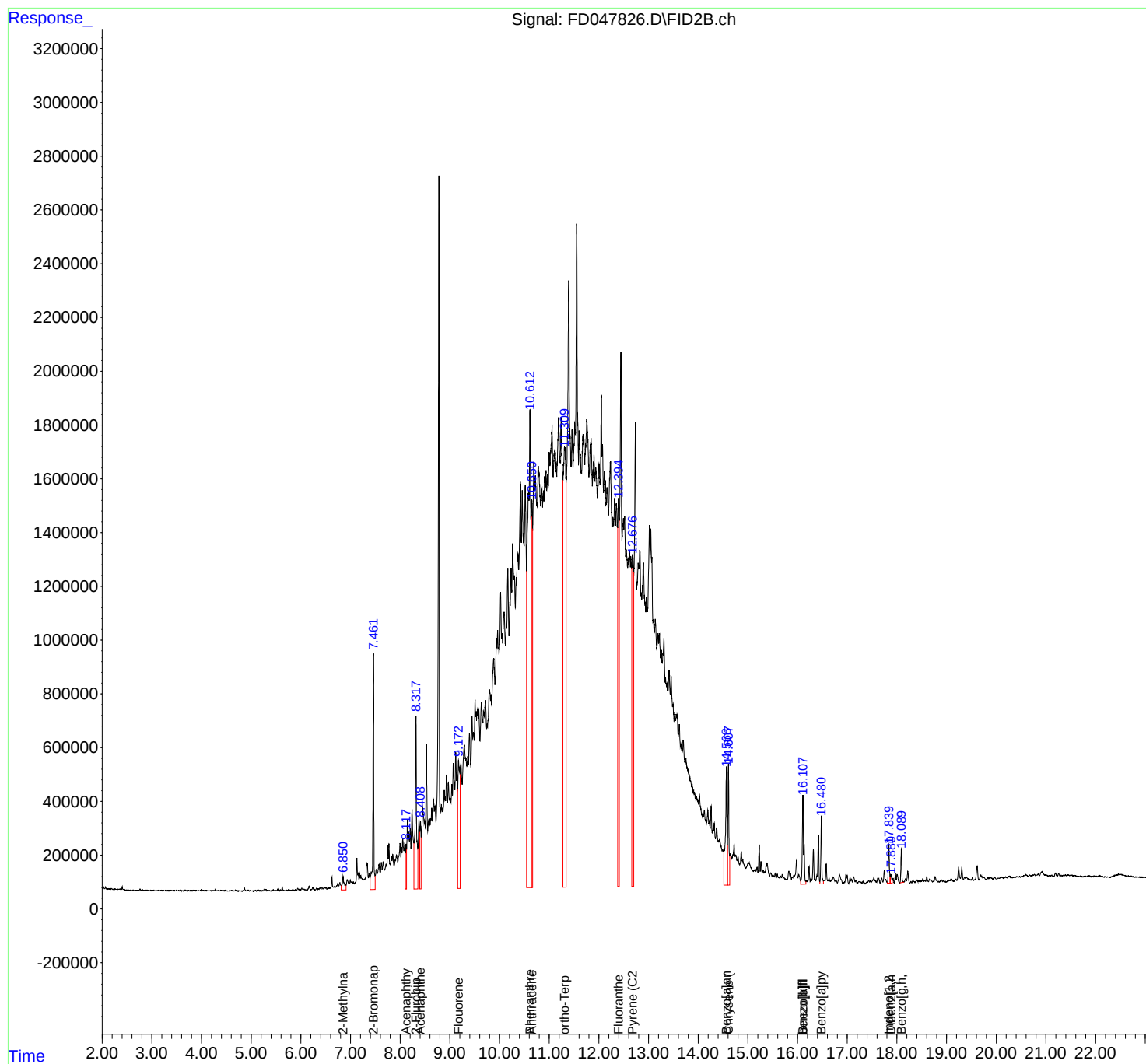
(m)=manual int.

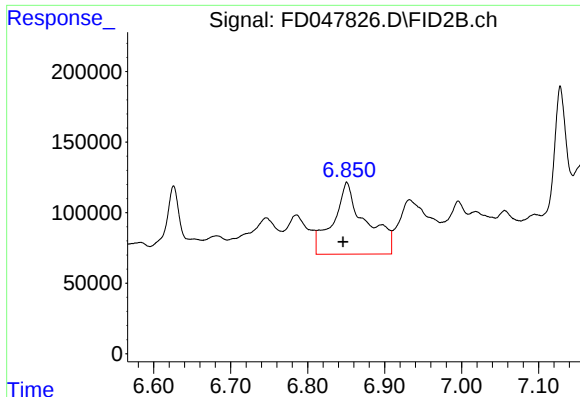
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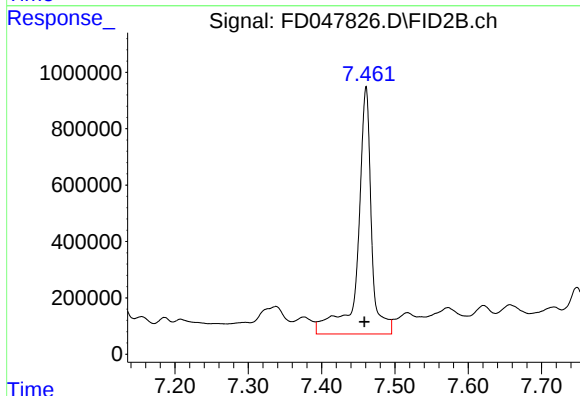




#3 2-Methylnaphthalene (C12.89)

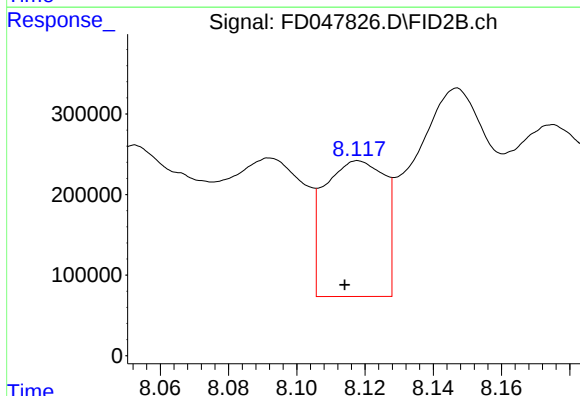
R.T.: 6.851 min
Delta R.T.: 0.005 min
Response: 1496642
Conc: 9.08 ug/ml

Instrument :
FID_D
ClientSampleId :



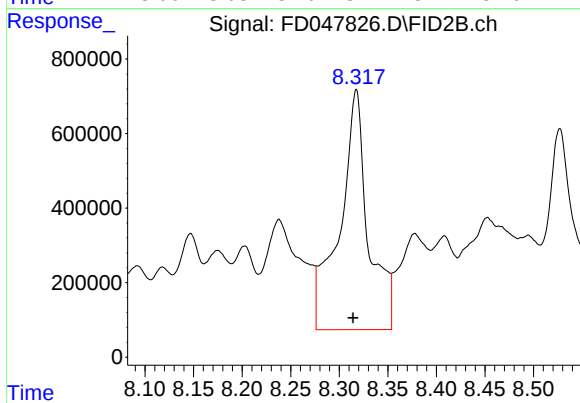
#4 2-Bromonaphthalene (SURR)

R.T.: 7.460 min
Delta R.T.: 0.002 min
Response: 11261979
Conc: 80.22 ug/ml



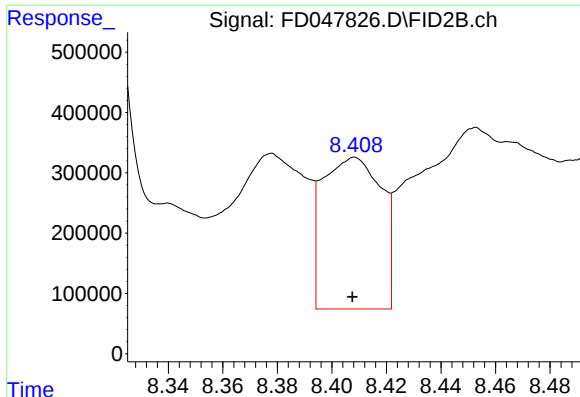
#5 Acenaphthylene (C15.06)

R.T.: 8.118 min
Delta R.T.: 0.004 min
Response: 2055736
Conc: 12.58 ug/ml



#6 2-Fluorobiphenyl (SURR)

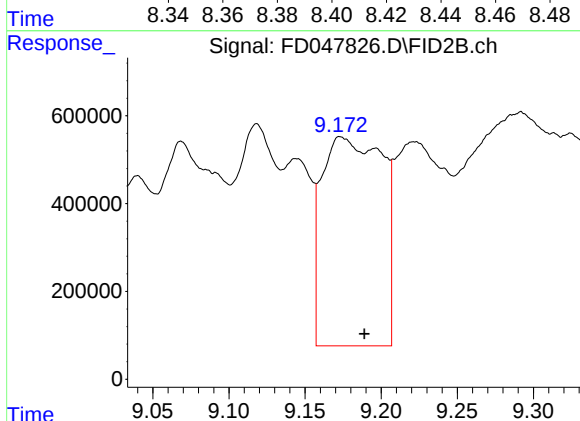
R.T.: 8.317 min
Delta R.T.: 0.003 min
Response: 13141095
Conc: 141.89 ug/ml



#7 Acenaphthene (C15.5)

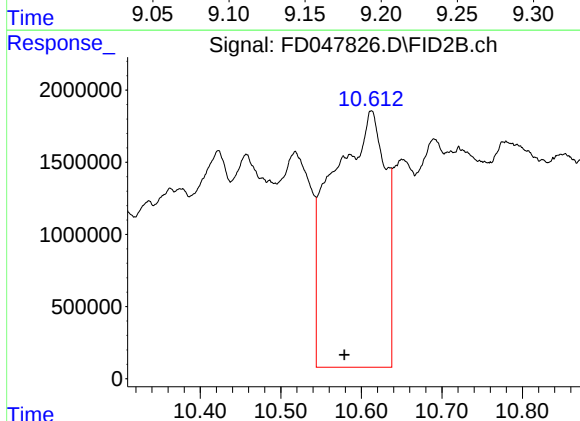
R.T.: 8.408 min
Delta R.T.: 0.000 min
Response: 3761283
Conc: 23.04 ug/ml

Instrument :
FID_D
ClientSampleId :



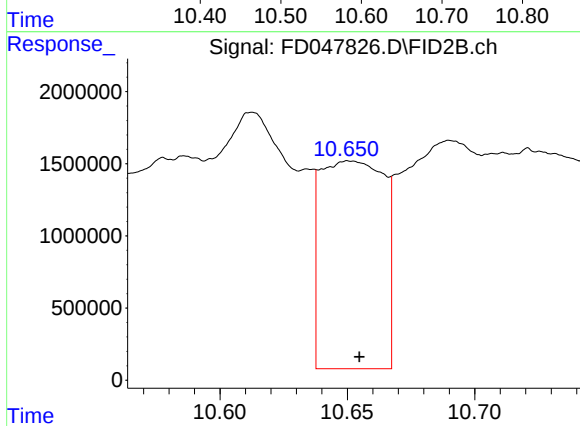
#8 Flouorene (C16.55)

R.T.: 9.174 min
Delta R.T.: -0.015 min
Response: 13096099
Conc: 83.25 ug/ml



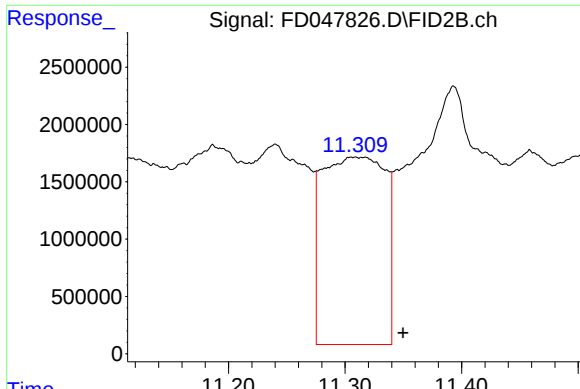
#9 Phenanthrene (C19.36)

R.T.: 10.613 min
Delta R.T.: 0.034 min
Response: 81655268
Conc: 529.52 ug/ml



#10 Anthracene (C19.43)

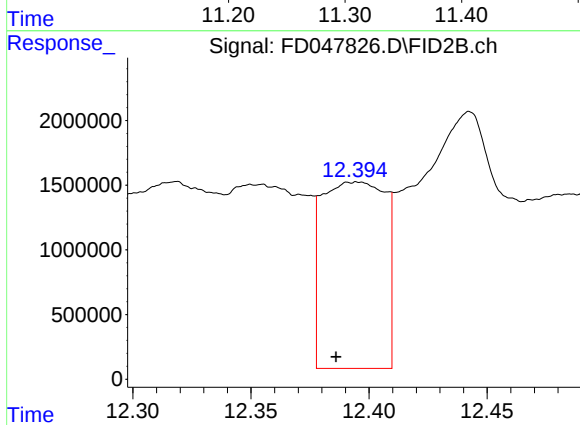
R.T.: 10.651 min
Delta R.T.: -0.003 min
Response: 24939083
Conc: 165.89 ug/ml



#11 ortho-Terphenyl (SURR)

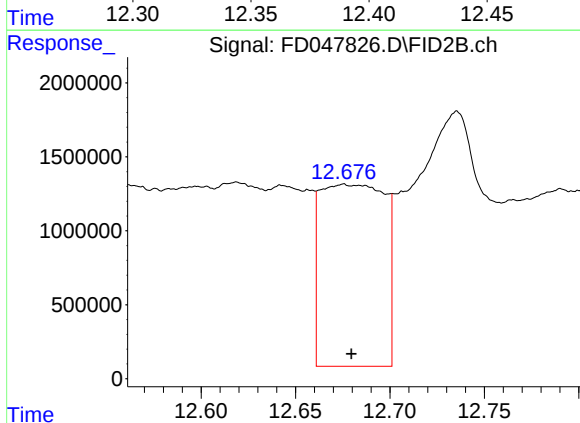
R.T.: 11.308 min
Delta R.T.: -0.041 min
Response: 61384486
Conc: 383.93 ug/ml

Instrument :
FID_D
ClientSampleId :



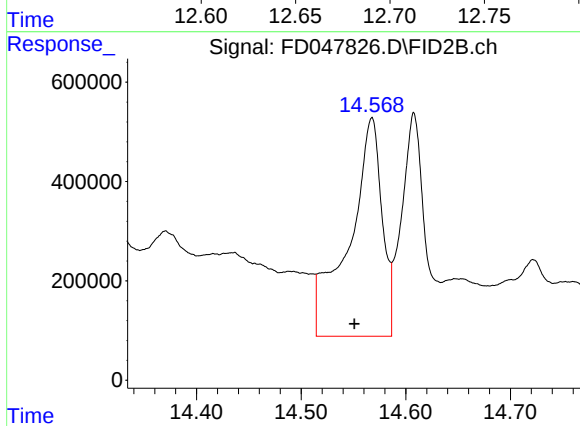
#12 Fluoranthene (C21.85)

R.T.: 12.394 min
Delta R.T.: 0.008 min
Response: 26831270
Conc: 176.81 ug/ml



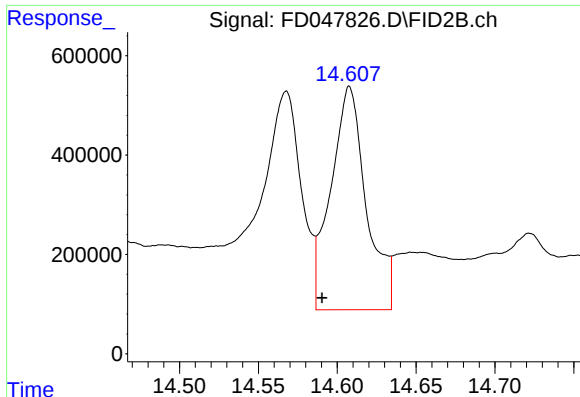
#13 Pyrene (C20.8)

R.T.: 12.676 min
Delta R.T.: -0.004 min
Response: 28940698
Conc: 191.97 ug/ml



#14 Benzo[a]anthracene (C26.37)

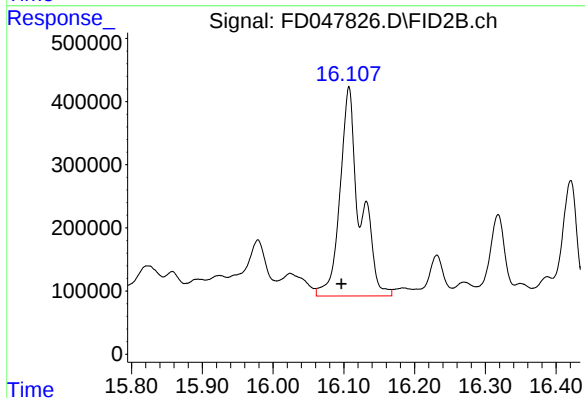
R.T.: 14.567 min
Delta R.T.: 0.016 min
Response: 9656683
Conc: 70.44 ug/ml



#15 Chrysene (C27.41)

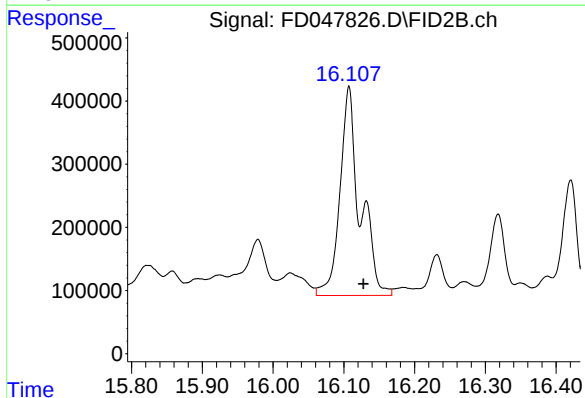
R.T.: 14.608 min
Delta R.T.: 0.017 min
Response: 7039685
Conc: 47.79 ug/ml

Instrument :
FID_D
ClientSampleId :



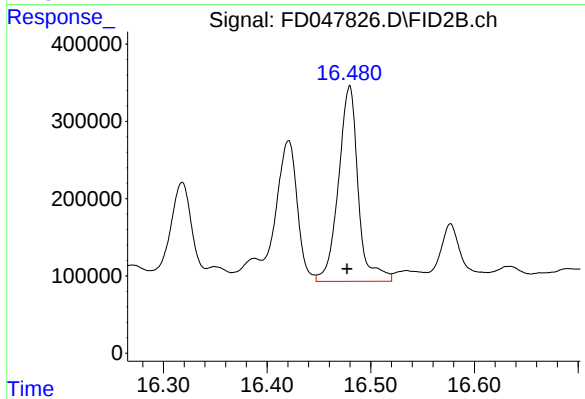
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.107 min
Delta R.T.: 0.010 min
Response: 6532249
Conc: 46.41 ug/ml



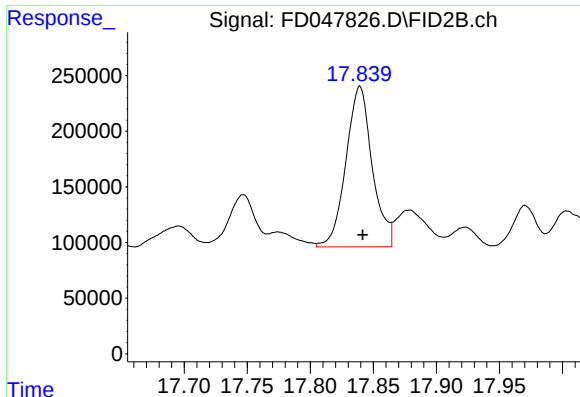
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.107 min
Delta R.T.: -0.021 min
Response: 6532249
Conc: 47.97 ug/ml



#18 Benzo[a]pyrene (C31.34)

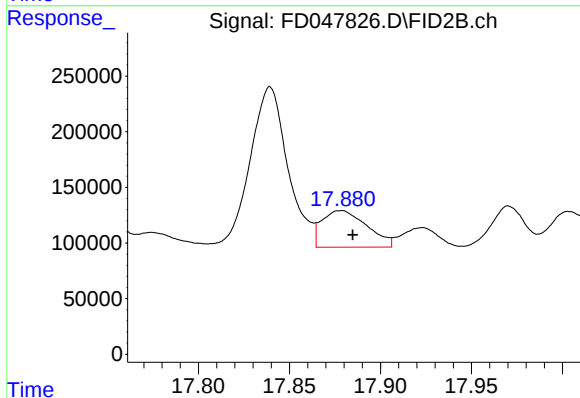
R.T.: 16.479 min
Delta R.T.: 0.002 min
Response: 3340851
Conc: 24.14 ug/ml



#19 Indeno[1,2,3-cd]pyrene (C35.01)

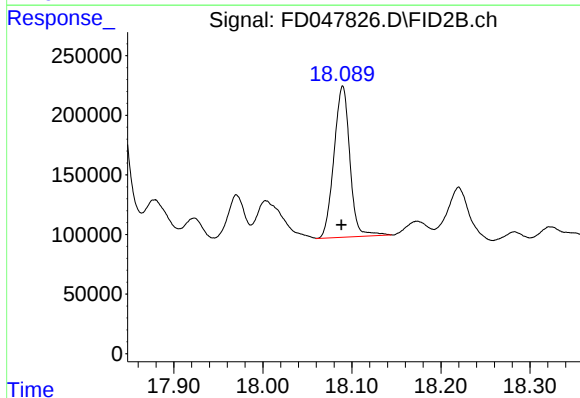
R.T.: 17.839 min
Delta R.T.: -0.002 min
Response: 2092492
Conc: 18.15 ug/ml

Instrument :
FID_D
ClientSampleId :



#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 17.878 min
Delta R.T.: -0.007 min
Response: 566030
Conc: 4.24 ug/ml



#21 Benzo[g,h,i]perylene (C34.01)

R.T.: 18.090 min
Delta R.T.: 0.001 min
Response: 1568778
Conc: 11.80 ug/ml