

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD013123AR\
 Data File : FD044946.D
 Signal(s) : FID2B.ch
 Acq On : 31 Jan 2023 22:47
 Operator : YP/AJ
 Sample : 01285-01
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Feb 01 03:45:27 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 012323.M
 Quant Title : GC Extractables
 QLast Update : Mon Jan 23 15:00:18 2023
 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...	7.560	5808079	39.602 ug/ml
Spiked Amount 50.000		Recovery =	79.20%
6) S 2-Fluorobiphenyl (SURR)	8.416	3628367	36.352 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	72.70%
11) S ortho-Terphenyl (SURR)	11.457	4827832	25.976 ug/ml
Spiked Amount 50.000		Recovery =	51.95%
Target Compounds			
2) T Naphthalene (C11.7)	5.897	1721078	10.158 ug/ml
3) T 2-Methylnaphthalene (...)	6.946	448220	2.613 ug/ml
5) T Acenaphthylene (C15.06)	8.217	311782	1.984 ug/ml
7) T Acenaphthene (C15.5)	8.512	353288	2.125 ug/ml
8) T Fluorene (C16.55)	9.290	366314	2.232 ug/ml
9) T Phenanthrene (C19.36)	10.686	4811124	29.757 ug/ml
10) T Anthracene (C19.43)	10.756	697022	4.702 ug/ml
12) T Fluoranthene (C21.85)	12.494	6210455	38.805 ug/ml
13) T Pyrene (C20.8)	12.789	5312386	33.855 ug/ml
14) T Benzo[a]anthracene (C...	14.650	2812768	19.708 ug/ml
15) T Chrysene (C27.41)	14.692	3132674	21.158 ug/ml
16) T benzo[b]fluoranthene ...	16.198	3860138	26.609 ug/ml
17) T Bnezo[k]fluoranthene ...	16.223	1254674	8.800 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.571	2451182	17.541 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.924	1659416	12.331 ug/ml
20) T Dibenz[a,h]anthracene...	17.966	565435	4.267 ug/ml
21) T Benzo[g,h,i]perylene ...	18.175	1373628	10.103 ug/ml

(f)=RT Delta > 1/2 Window

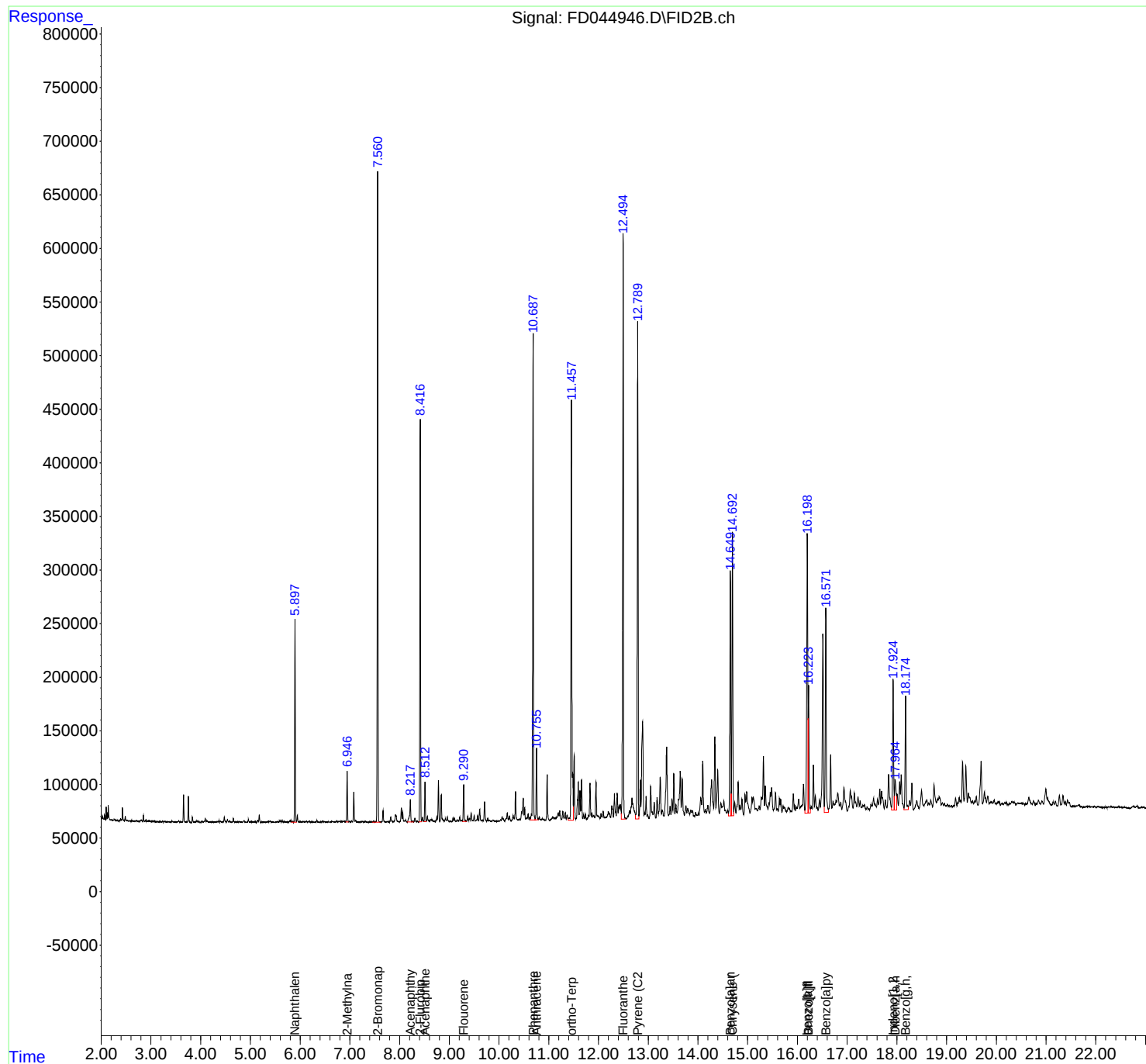
(m)=manual int.

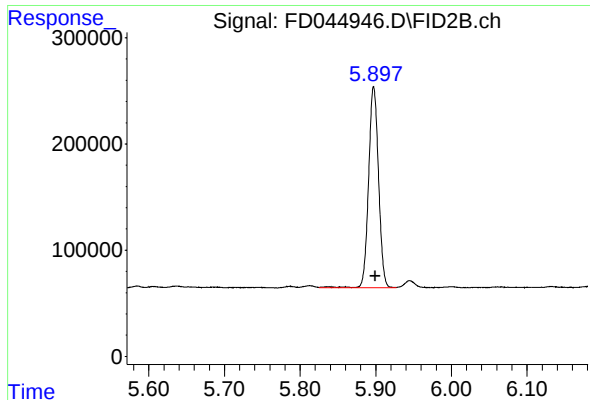
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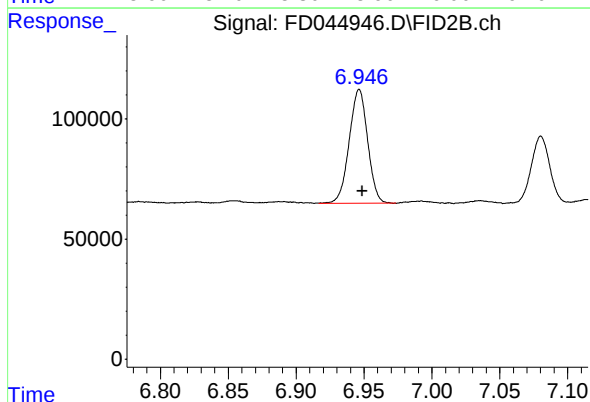




#2 Naphthalene (C11.7)

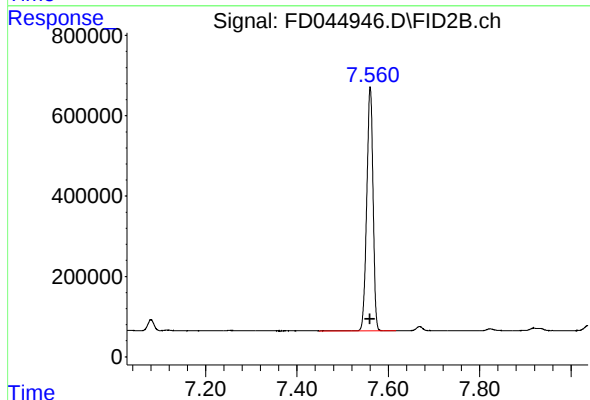
R.T.: 5.897 min
Delta R.T.: -0.002 min
Response: 1721078
Conc: 10.16 ug/ml

Instrument :
FID_D
ClientSampleId :



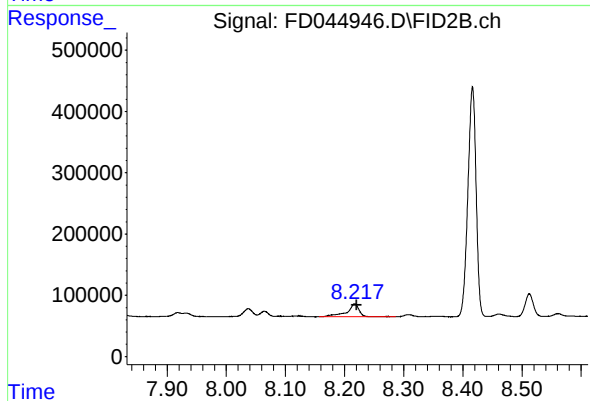
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.946 min
Delta R.T.: -0.002 min
Response: 448220
Conc: 2.61 ug/ml



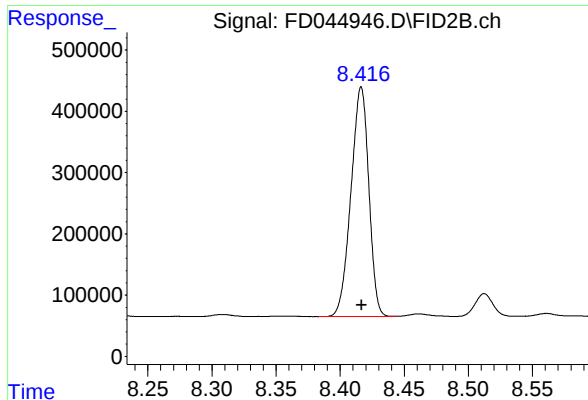
#4 2-Bromonaphthalene (SURR)

R.T.: 7.560 min
Delta R.T.: 0.000 min
Response: 5808079
Conc: 39.60 ug/ml



#5 Acenaphthylene (C15.06)

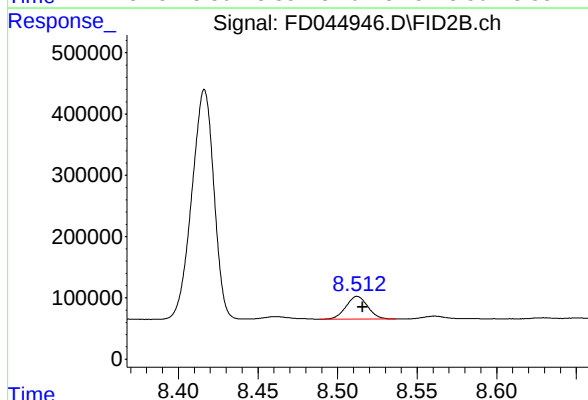
R.T.: 8.217 min
Delta R.T.: -0.003 min
Response: 311782
Conc: 1.98 ug/ml



#6 2-Fluorobiphenyl (SURR)

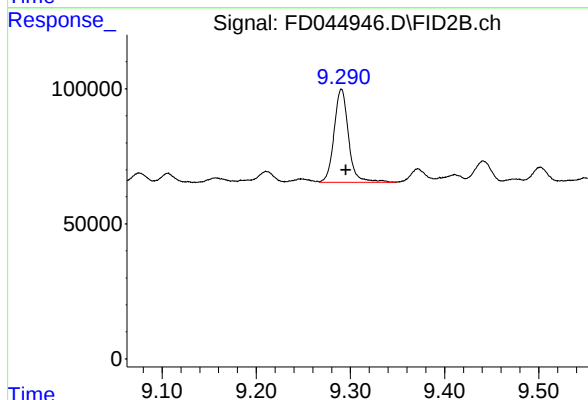
R.T.: 8.416 min
Delta R.T.: 0.000 min
Response: 3628367
Conc: 36.35 ug/ml

Instrument :
FID_D
ClientSampleId :



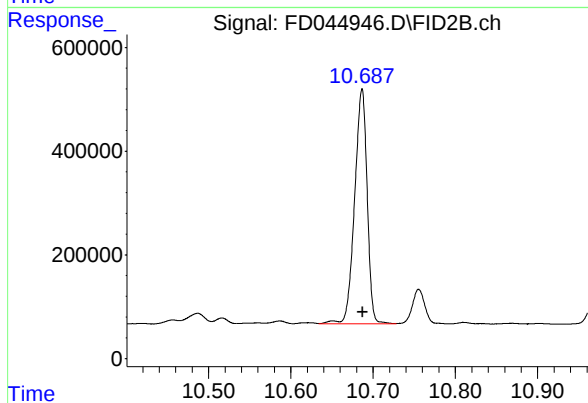
#7 Acenaphthene (C15.5)

R.T.: 8.512 min
Delta R.T.: -0.003 min
Response: 353288
Conc: 2.12 ug/ml



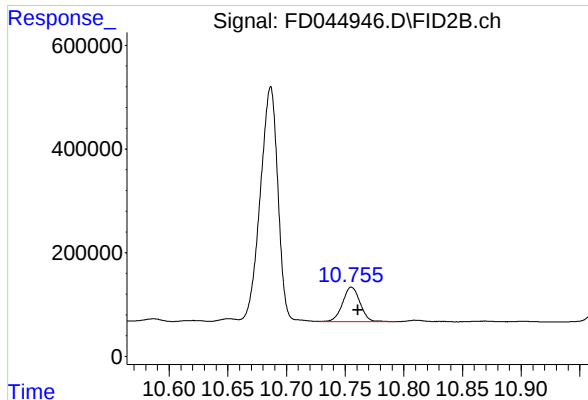
#8 Flouorene (C16.55)

R.T.: 9.290 min
Delta R.T.: -0.005 min
Response: 366314
Conc: 2.23 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.686 min
Delta R.T.: 0.000 min
Response: 4811124
Conc: 29.76 ug/ml



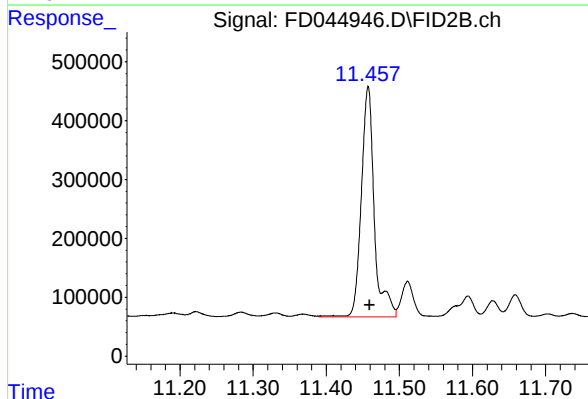
#10 Anthracene (C19.43)

R.T.: 10.756 min
Delta R.T.: -0.005 min
Response: 697022
Conc: 4.70 ug/ml

Instrument :

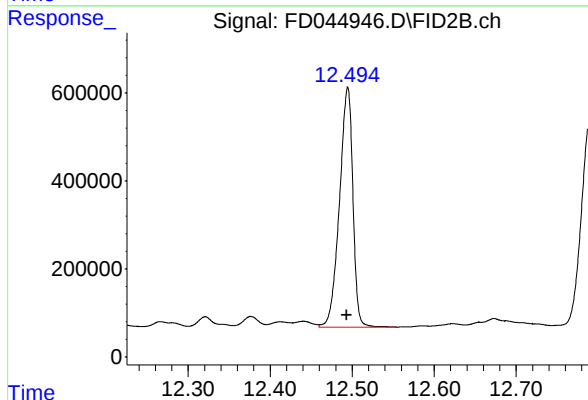
FID_D

ClientSampleId :



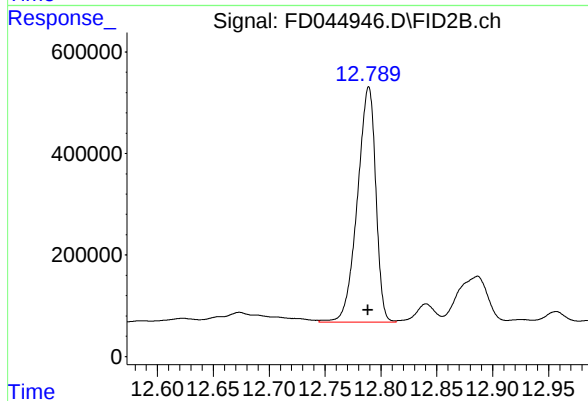
#11 ortho-Terphenyl (SURR)

R.T.: 11.457 min
Delta R.T.: -0.002 min
Response: 4827832
Conc: 25.98 ug/ml



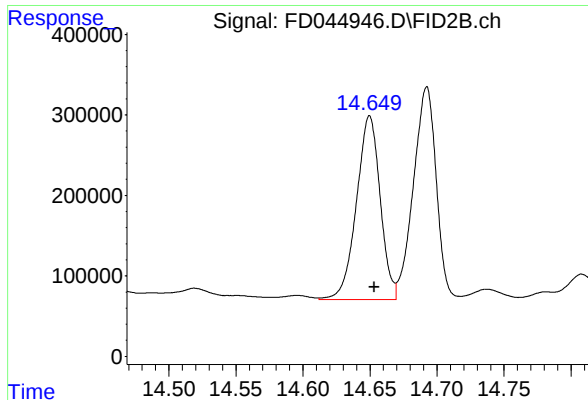
#12 Fluoranthene (C21.85)

R.T.: 12.494 min
Delta R.T.: 0.001 min
Response: 6210455
Conc: 38.80 ug/ml



#13 Pyrene (C20.8)

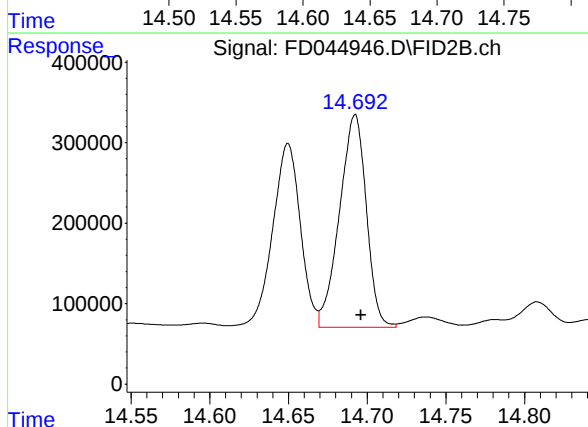
R.T.: 12.789 min
Delta R.T.: 0.000 min
Response: 5312386
Conc: 33.85 ug/ml



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

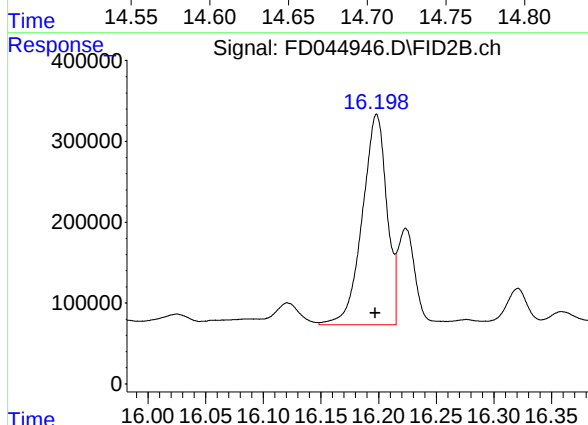
R.T.: 14.650 min
Delta R.T.: -0.004 min
Response: 2812768
Conc: 19.71 ug/ml

Instrument :
FID_D
ClientSampleId :



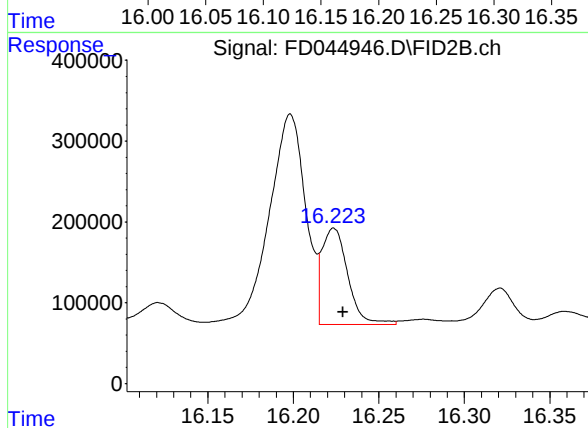
#15 Chrysene (C27.41)

R.T.: 14.692 min
Delta R.T.: -0.004 min
Response: 3132674
Conc: 21.16 ug/ml



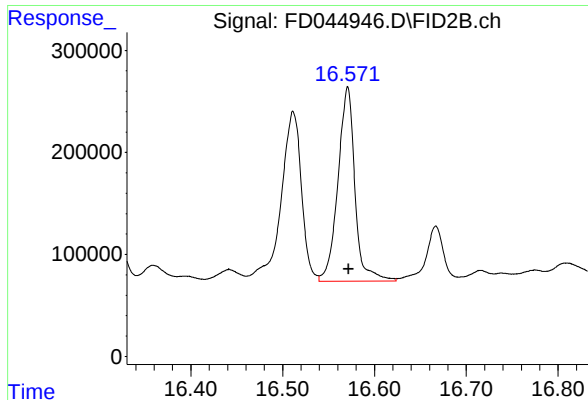
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.198 min
Delta R.T.: 0.001 min
Response: 3860138
Conc: 26.61 ug/ml



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

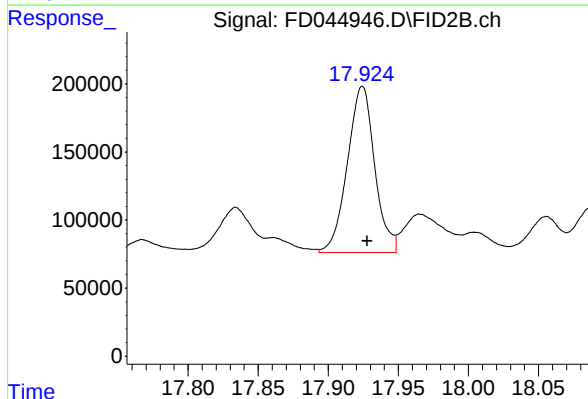
R.T.: 16.223 min
Delta R.T.: -0.006 min
Response: 1254674
Conc: 8.80 ug/ml



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

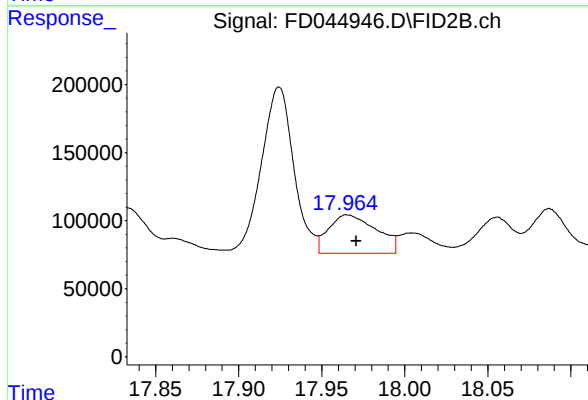
R.T.: 16.571 min
Delta R.T.: -0.001 min
Response: 2451182
Conc: 17.54 ug/ml

Instrument :
FID_D
ClientSampleId :



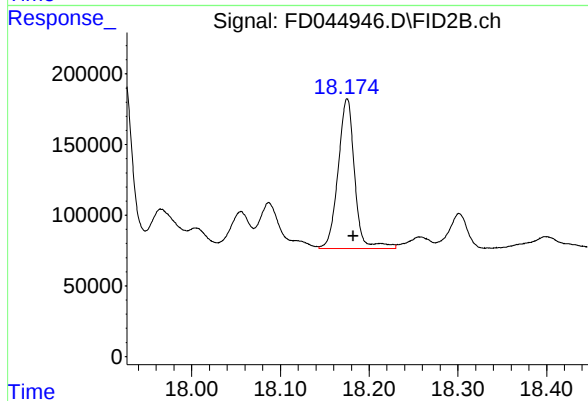
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.924 min
Delta R.T.: -0.004 min
Response: 1659416
Conc: 12.33 ug/ml



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

R.T.: 17.966 min
Delta R.T.: -0.005 min
Response: 565435
Conc: 4.27 ug/ml



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

R.T.: 18.175 min
Delta R.T.: -0.007 min
Response: 1373628
Conc: 10.10 ug/ml