

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD120122AR\
 Data File : FD044572.D
 Signal(s) : FID2B.ch
 Acq On : 02 Dec 2022 11:45
 Operator : YP/AJ
 Sample : N5793-01
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 03 01:43:50 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 112922.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 29 00:29:41 2022
 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...	7.682	5596978	43.127 ug/ml
Spiked Amount 50.000		Recovery =	86.25%
6) S 2-Fluorobiphenyl (SURR)	8.539	3761622	42.592 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	85.18%
11) S ortho-Terphenyl (SURR)	11.569	4795388	29.466 ug/ml
Spiked Amount 50.000		Recovery =	58.93%
Target Compounds			
2) T Naphthalene (C11.7)	6.028	58341	0.388 ug/ml
3) T 2-Methylnaphthalene (...)	7.071	131749	0.872 ug/ml
5) T Acenaphthylene (C15.06)	8.317	230997	1.662 ug/ml
7) T Acenaphthene (C15.5)	8.635	215820	1.471 ug/ml
8) T Fluorene (C16.55)	9.411	314510	2.181 ug/ml
9) T Phenanthrene (C19.36)	10.802	2318099	16.256 ug/ml
10) T Anthracene (C19.43)	10.874	495611	3.567 ug/ml
12) T Fluoranthene (C21.85)	12.604	2080568	14.595 ug/ml
13) T Pyrene (C20.8)	12.900	3095389	22.242 ug/ml
14) T Benzo[a]anthracene (C...	14.756	815661	6.304 ug/ml
15) T Chrysene (C27.41)	14.807	1978842	14.678 ug/ml
16) T benzo[b]fluoranthene ...	16.296	1130508	8.589 ug/ml
17) T Bnezo[k]fluoranthene ...	16.296	1130508	8.682 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.670	644775	4.989 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.021	342176	2.685 ug/ml
20) T Dibenz[a,h]anthracene...	18.064	174405	1.386 ug/ml
21) T Benzo[g,h,i]perylene ...	18.272	491884	3.824 ug/ml

(f)=RT Delta > 1/2 Window

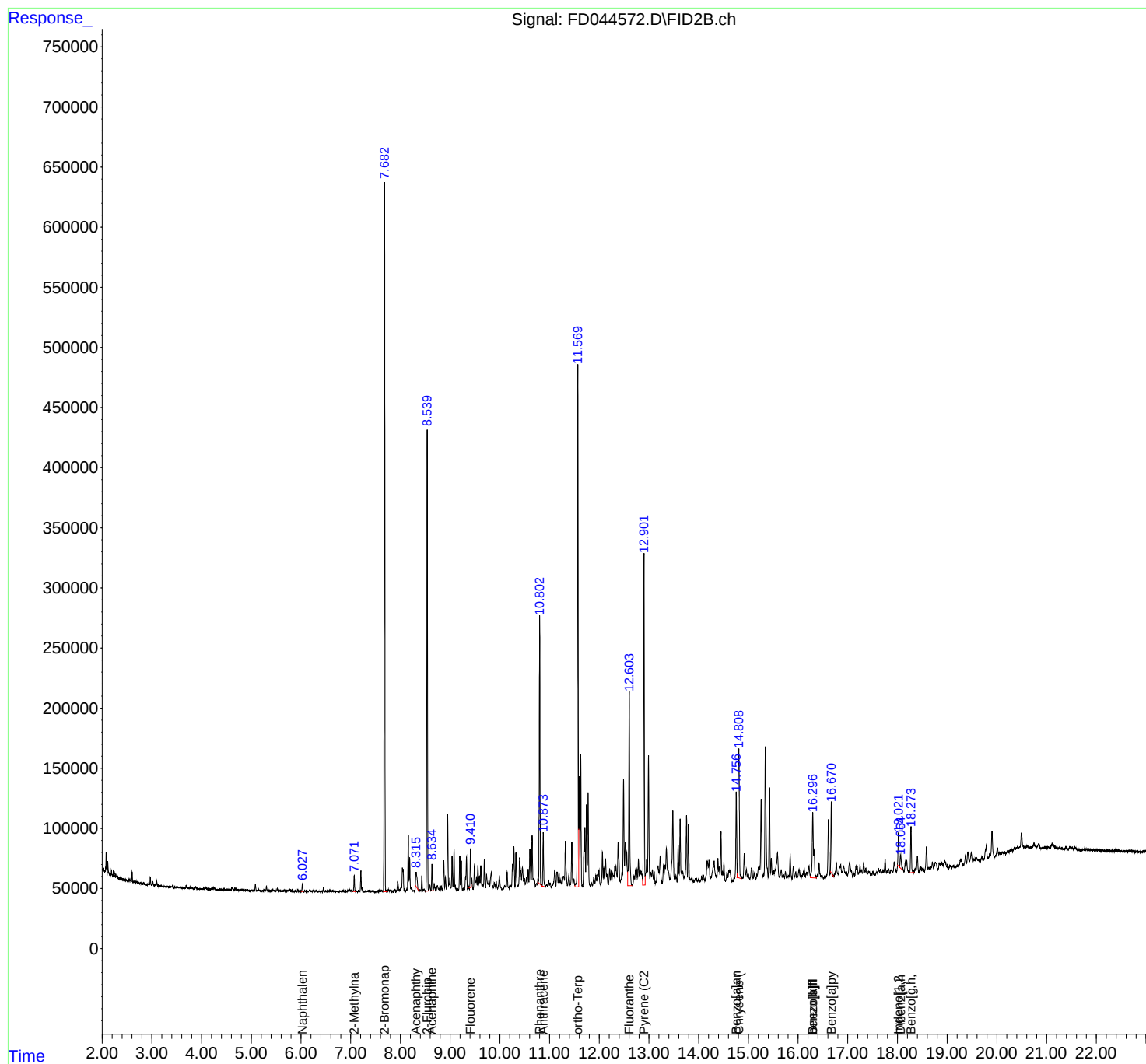
(m)=manual int.

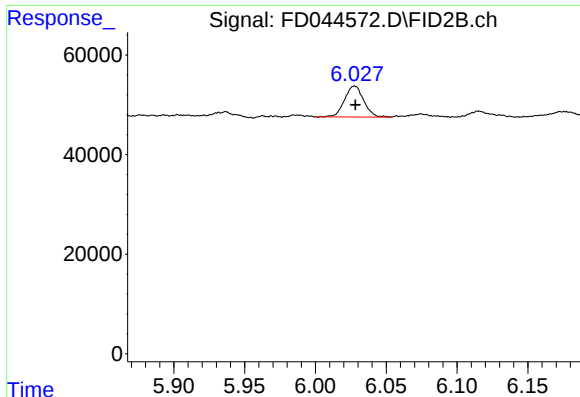
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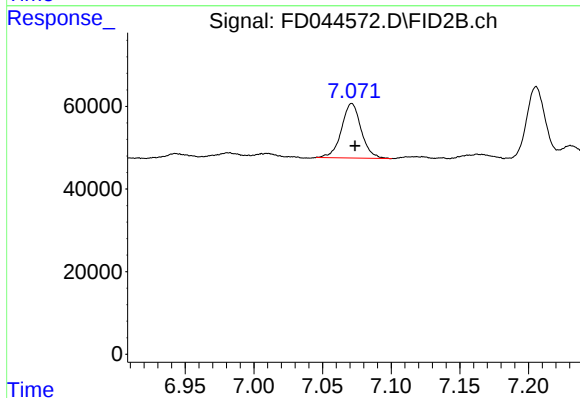




#2 Naphthalene (C11.7)

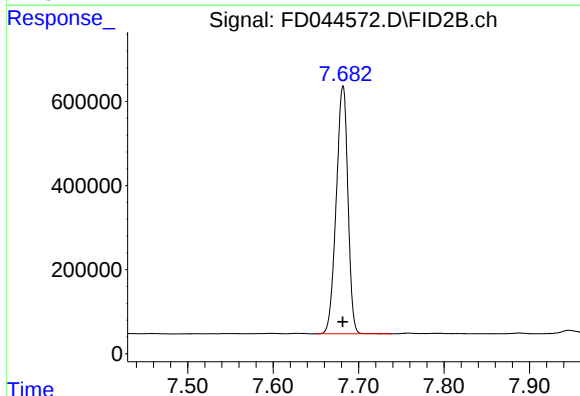
R.T.: 6.028 min
Delta R.T.: 0.000 min
Response: 58341
Conc: 0.39 ug/ml

Instrument :
FID_D
ClientSampleId :



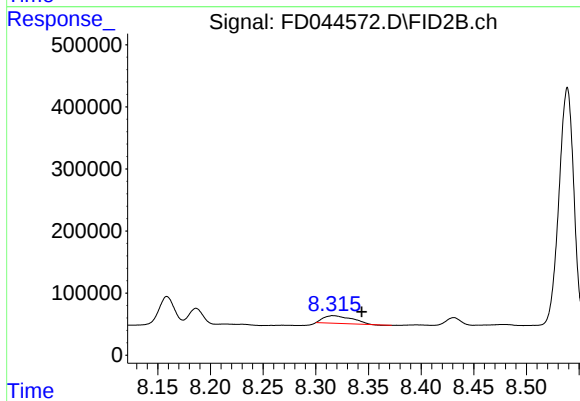
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.071 min
Delta R.T.: -0.002 min
Response: 131749
Conc: 0.87 ug/ml



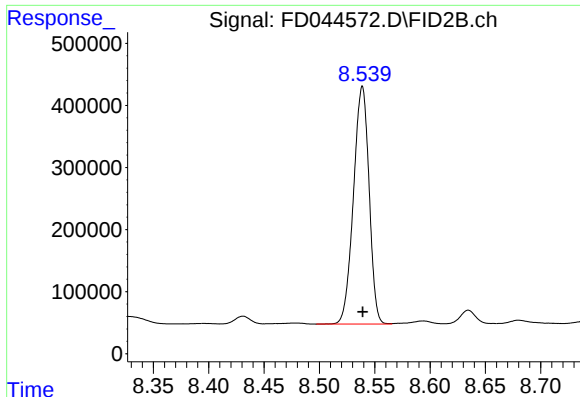
#4 2-Bromonaphthalene (SURR)

R.T.: 7.682 min
Delta R.T.: 0.000 min
Response: 5596978
Conc: 43.13 ug/ml



#5 Acenaphthylene (C15.06)

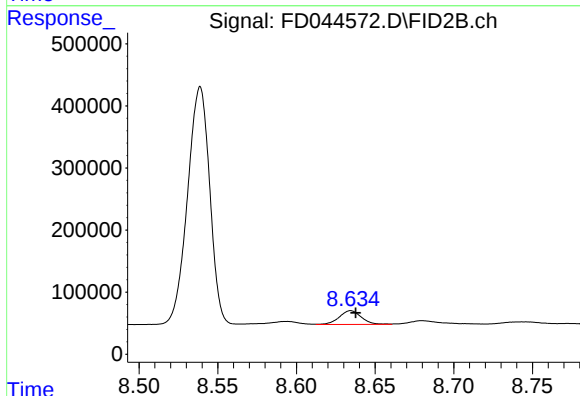
R.T.: 8.317 min
Delta R.T.: -0.027 min
Response: 230997
Conc: 1.66 ug/ml



#6 2-Fluorobiphenyl (SURR)

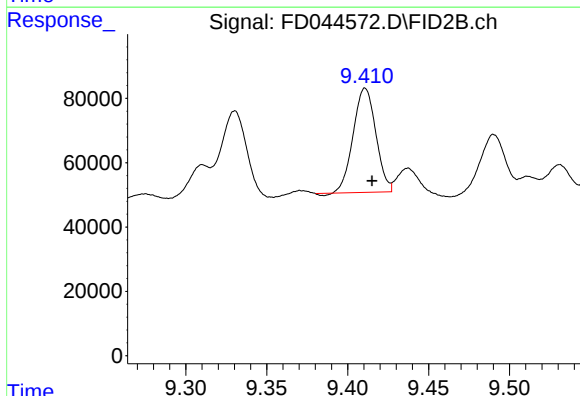
R.T.: 8.539 min
Delta R.T.: 0.000 min
Response: 3761622
Conc: 42.59 ug/ml

Instrument :
FID_D
ClientSampleId :



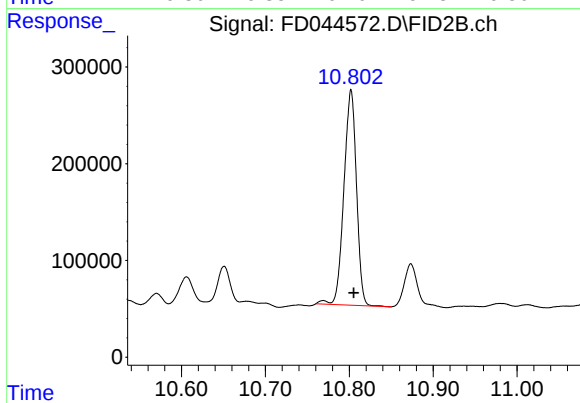
#7 Acenaphthene (C15.5)

R.T.: 8.635 min
Delta R.T.: -0.003 min
Response: 215820
Conc: 1.47 ug/ml



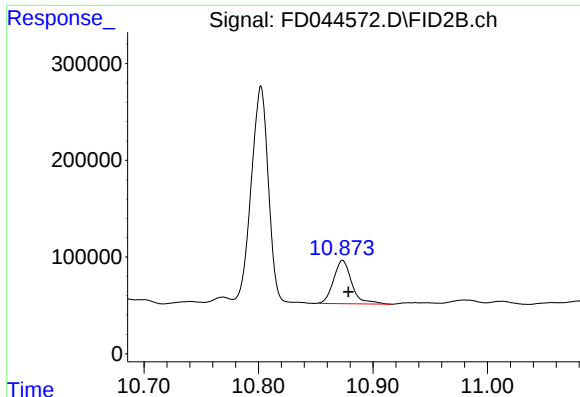
#8 Flouorene (C16.55)

R.T.: 9.411 min
Delta R.T.: -0.004 min
Response: 314510
Conc: 2.18 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.802 min
Delta R.T.: -0.003 min
Response: 2318099
Conc: 16.26 ug/ml



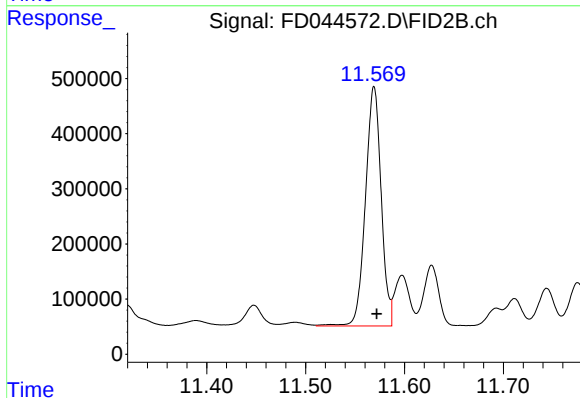
#10 Anthracene (C19.43)

R.T.: 10.874 min
Delta R.T.: -0.005 min
Response: 495611
Conc: 3.57 ug/ml

Instrument :

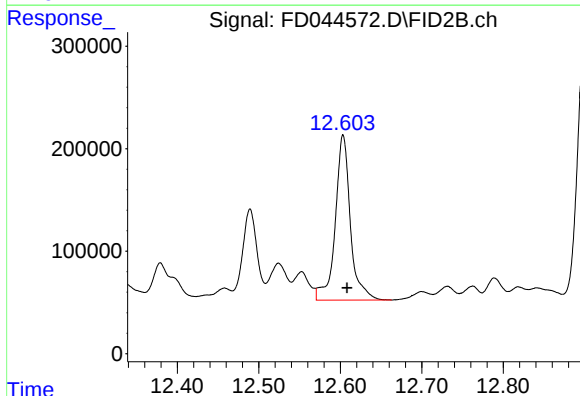
FID_D

ClientSampleId :



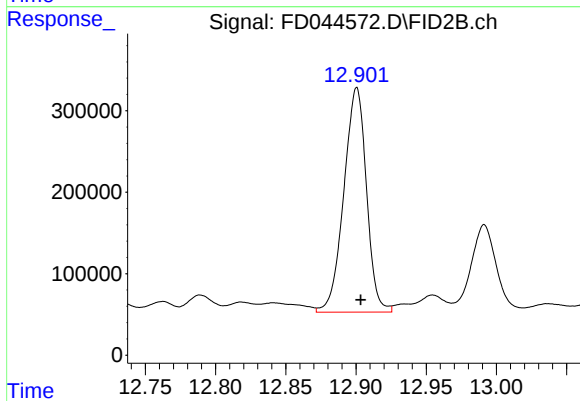
#11 ortho-Terphenyl (SURR)

R.T.: 11.569 min
Delta R.T.: -0.003 min
Response: 4795388
Conc: 29.47 ug/ml



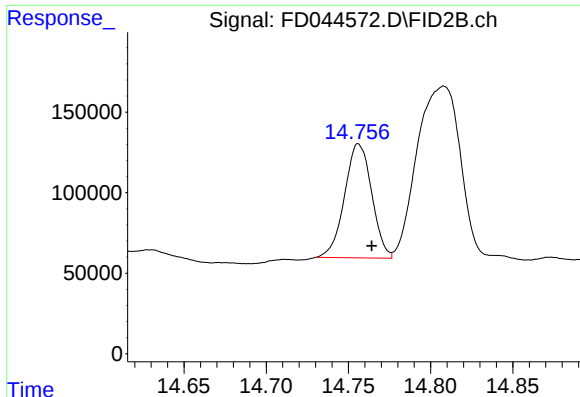
#12 Fluoranthene (C21.85)

R.T.: 12.604 min
Delta R.T.: -0.005 min
Response: 2080568
Conc: 14.59 ug/ml



#13 Pyrene (C20.8)

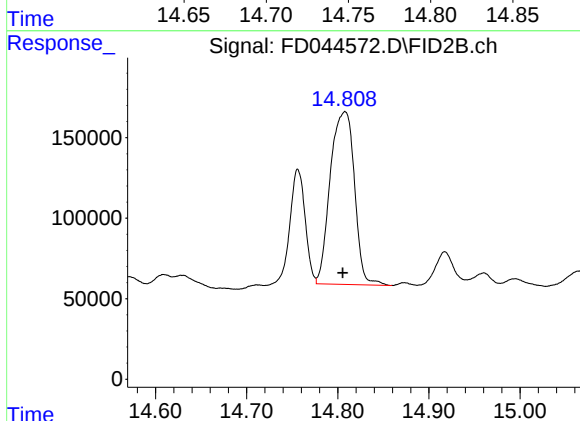
R.T.: 12.900 min
Delta R.T.: -0.003 min
Response: 3095389
Conc: 22.24 ug/ml



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

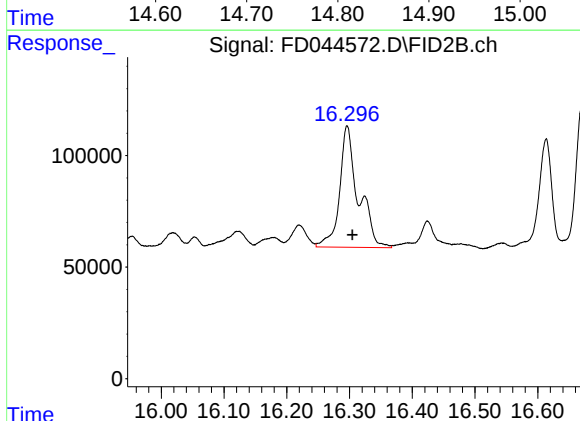
R.T.: 14.756 min
Delta R.T.: -0.008 min
Response: 815661
Conc: 6.30 ug/ml

Instrument :
FID_D
ClientSampleId :



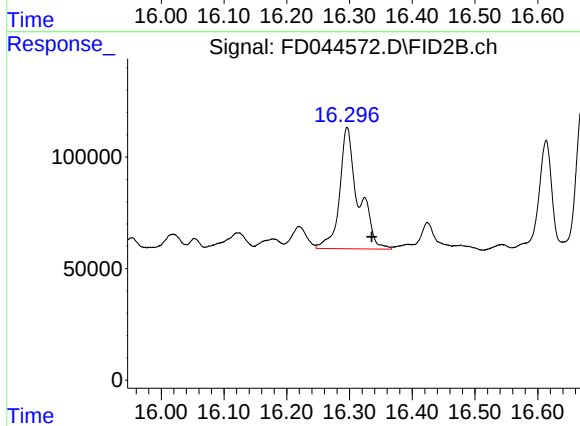
#15 Chrysene (C27.41)

R.T.: 14.807 min
Delta R.T.: 0.002 min
Response: 1978842
Conc: 14.68 ug/ml



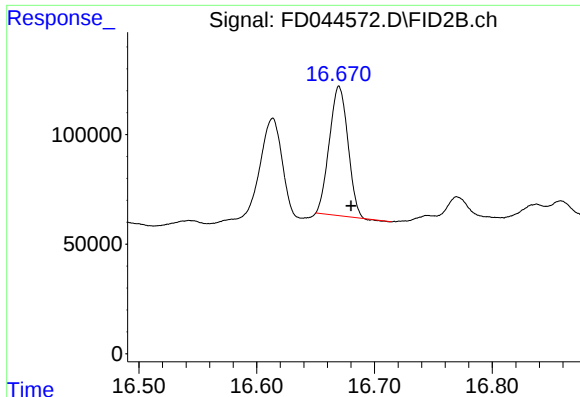
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.296 min
Delta R.T.: -0.008 min
Response: 1130508
Conc: 8.59 ug/ml



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

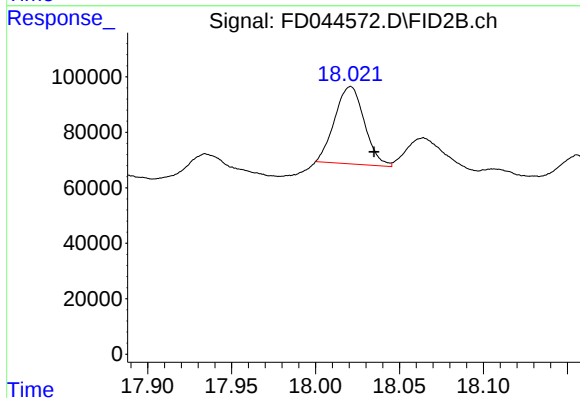
R.T.: 16.296 min
Delta R.T.: -0.039 min
Response: 1130508
Conc: 8.68 ug/ml



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

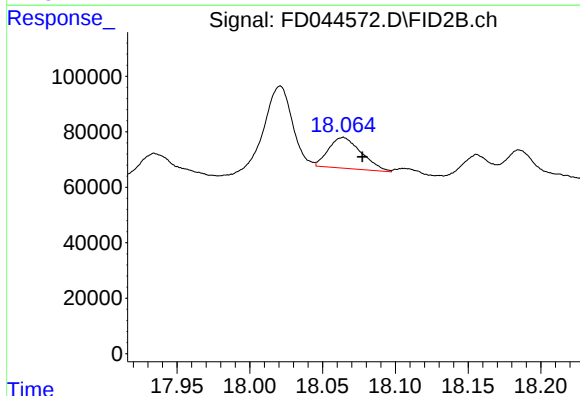
R.T.: 16.670 min
Delta R.T.: -0.010 min
Response: 644775
Conc: 4.99 ug/ml

Instrument :
FID_D
ClientSampleId :



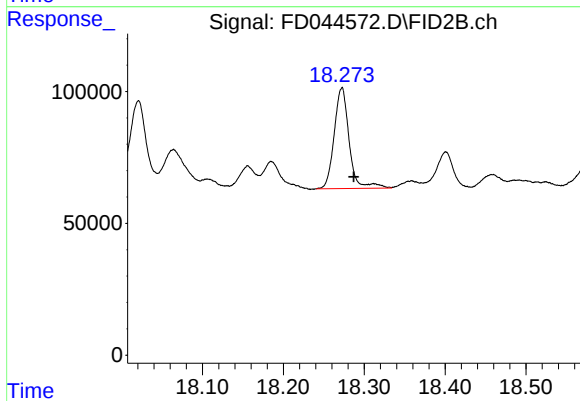
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.021 min
Delta R.T.: -0.014 min
Response: 342176
Conc: 2.68 ug/ml



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

R.T.: 18.064 min
Delta R.T.: -0.014 min
Response: 174405
Conc: 1.39 ug/ml



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

R.T.: 18.272 min
Delta R.T.: -0.015 min
Response: 491884
Conc: 3.82 ug/ml