

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD011623AR\
 Data File : FD044818.D
 Signal(s) : FID2B.ch
 Acq On : 16 Jan 2023 23:22
 Operator : YP/AJ
 Sample : 01161-01 10X
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jan 17 01:29:29 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 122422.M
 Quant Title : GC Extractables
 QLast Update : Sun Dec 25 17:15:10 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...	7.659	740854	5.138 ug/ml
Spiked Amount 50.000		Recovery =	10.28%
6) S 2-Fluorobiphenyl (SURR)	8.515	460048	4.739 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	9.48%
11) S ortho-Terphenyl (SURR)	11.541	985037	5.467 ug/ml
Spiked Amount 50.000		Recovery =	10.93%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.483	1379909	8.576 ug/ml
2) T Naphthalene (C11.7)	6.016	23315618	138.914 ug/ml
3) T 2-Methylnaphthalene (...)	7.054	4635596	27.570 ug/ml
5) T Acenaphthylene (C15.06)	8.342	91643	0.604 ug/ml
7) T Acenaphthene (C15.5)	8.628	70436	0.434 ug/ml
8) T Fluorene (C16.55)	9.385	277781	1.743 ug/ml
9) T Phenanthrene (C19.36)	10.778	467382	2.978 ug/ml
10) T Anthracene (C19.43)	10.867	1390753	11.060 ug/ml
12) T Fluoranthene (C21.85)	12.577	730779	4.654 ug/ml
13) T Pyrene (C20.8)	12.871	245268	1.602 ug/ml
14) T Benzo[a]anthracene (C...	14.735	242410	1.705 ug/ml
15) T Chrysene (C27.41)	14.771	333310	2.198 ug/ml
16) T benzo[b]fluoranthene ...	16.269	124318	0.827 ug/ml
17) T Bnezo[k]fluoranthene ...	16.300	109450	0.722 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.643	242420	1.671 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.999	745327	5.270 ug/ml
20) T Dibenz[a,h]anthracene...	18.041	795397	5.426 ug/ml
21) T Benzo[g,h,i]perylene ...	18.251	860066	6.054 ug/ml

(f)=RT Delta > 1/2 Window

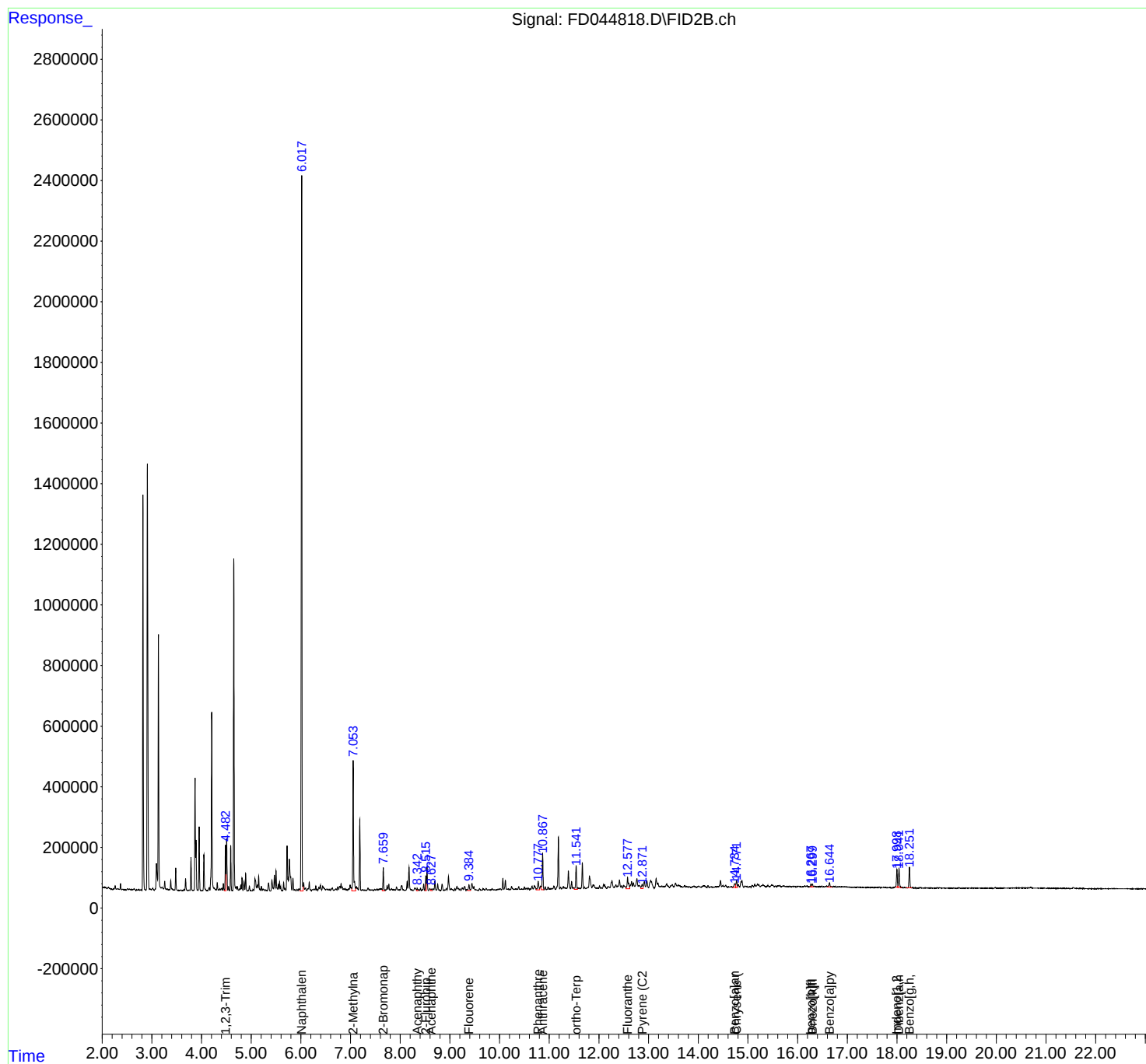
(m)=manual int.

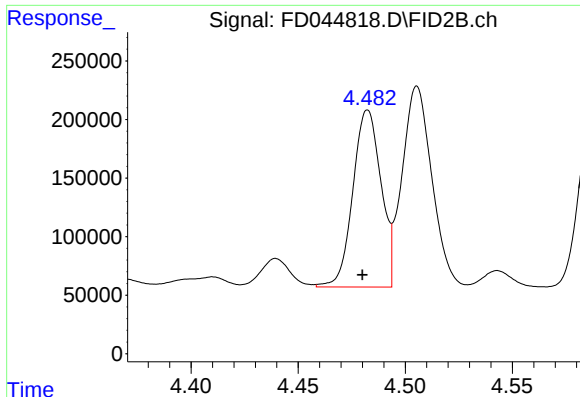
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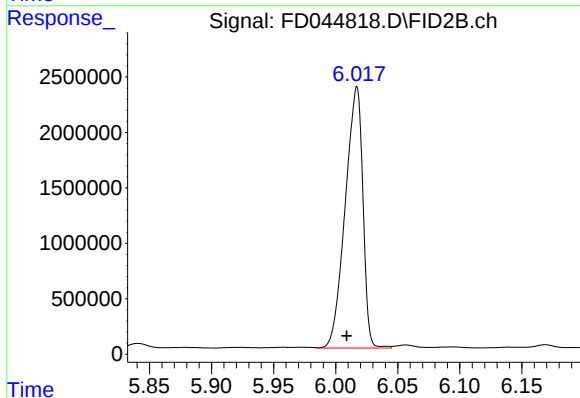




#1 1,2,3-Trimethylbenzene (C10.1)

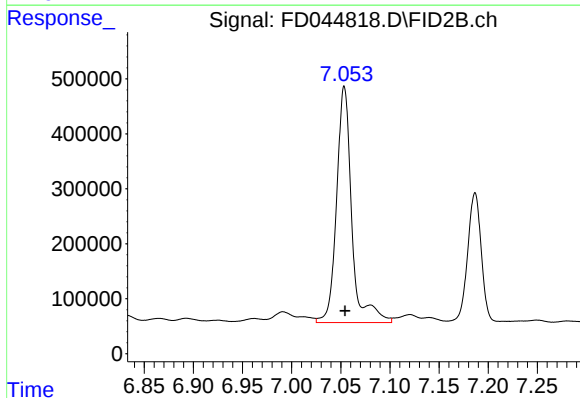
R.T.: 4.483 min
Delta R.T.: 0.003 min
Response: 1379909
Conc: 8.58 ug/ml

Instrument :
FID_D
ClientSampleId :



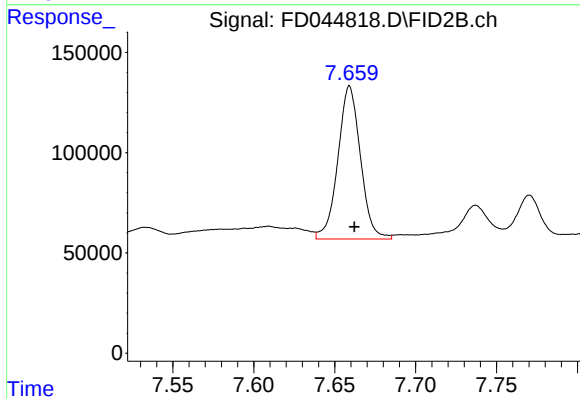
#2 Naphthalene (C11.7)

R.T.: 6.016 min
Delta R.T.: 0.007 min
Response: 23315618
Conc: 138.91 ug/ml



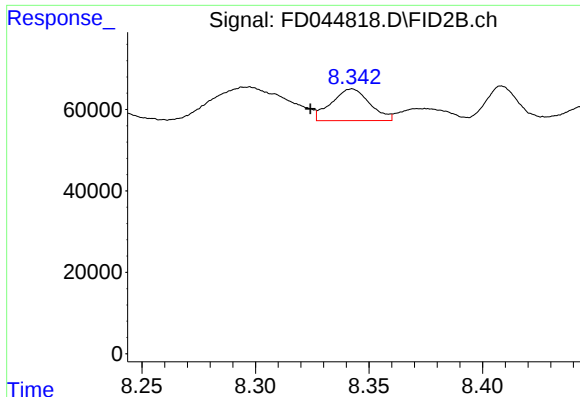
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.054 min
Delta R.T.: 0.000 min
Response: 4635596
Conc: 27.57 ug/ml



#4 2-Bromonaphthalene (SURR)

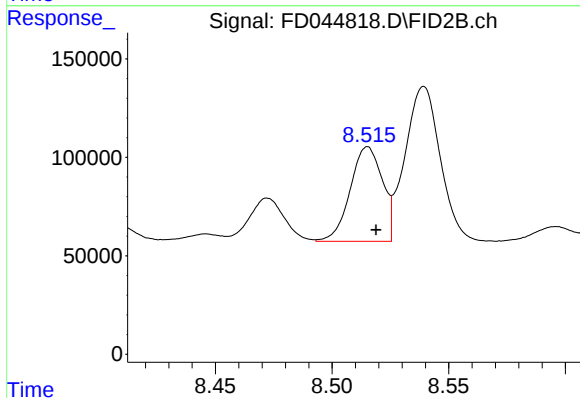
R.T.: 7.659 min
Delta R.T.: -0.003 min
Response: 740854
Conc: 5.14 ug/ml



#5 Acenaphthylene (C15.06)

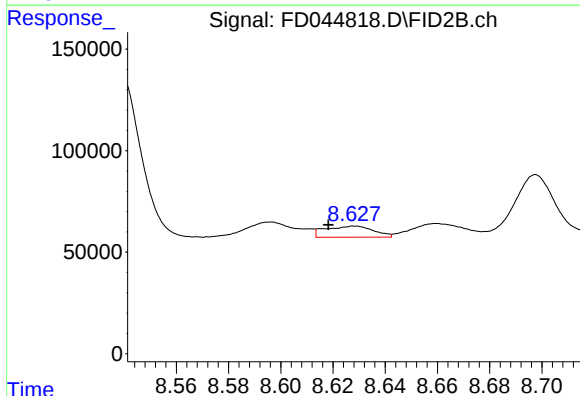
R.T.: 8.342 min
Delta R.T.: 0.018 min
Response: 91643
Conc: 0.60 ug/ml

Instrument :
FID_D
ClientSampleId :



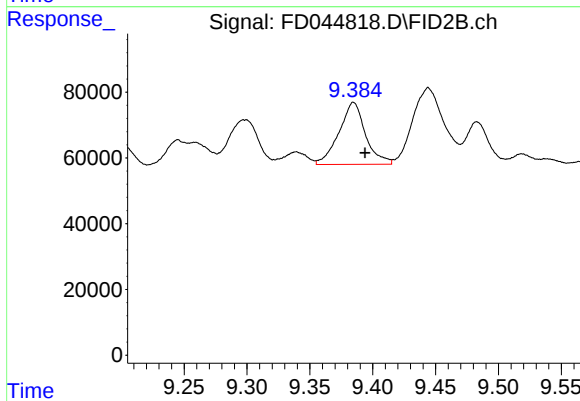
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.515 min
Delta R.T.: -0.004 min
Response: 460048
Conc: 4.74 ug/ml



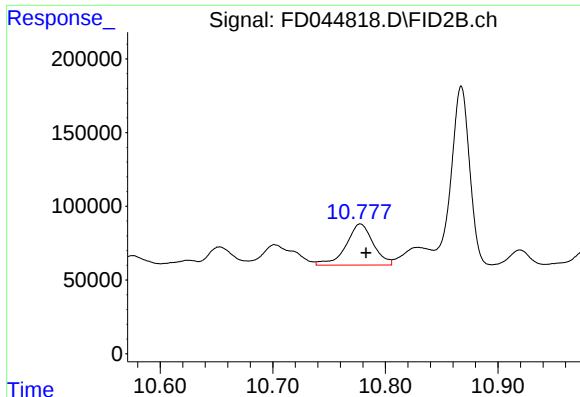
#7 Acenaphthene (C15.5)

R.T.: 8.628 min
Delta R.T.: 0.010 min
Response: 70436
Conc: 0.43 ug/ml



#8 Flouorene (C16.55)

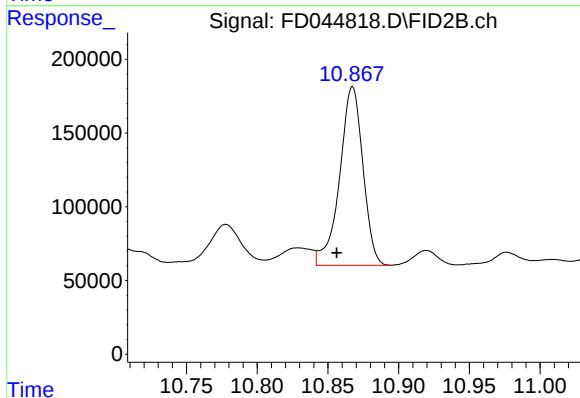
R.T.: 9.385 min
Delta R.T.: -0.009 min
Response: 277781
Conc: 1.74 ug/ml



#9 Phenanthrene (C19.36)

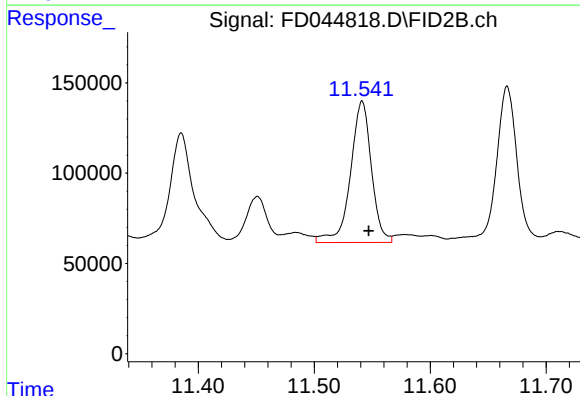
R.T.: 10.778 min
Delta R.T.: -0.005 min
Response: 467382
Conc: 2.98 ug/ml

Instrument :
FID_D
ClientSampleId :



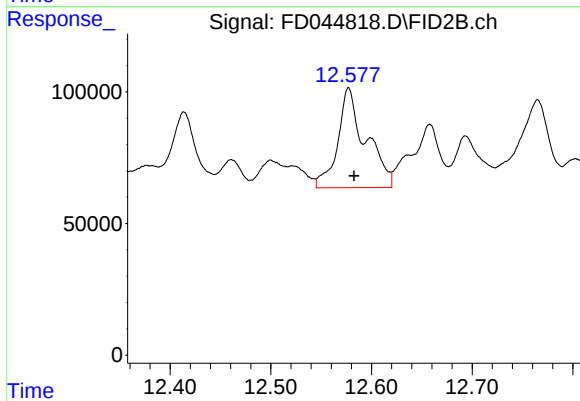
#10 Anthracene (C19.43)

R.T.: 10.867 min
Delta R.T.: 0.011 min
Response: 1390753
Conc: 11.06 ug/ml



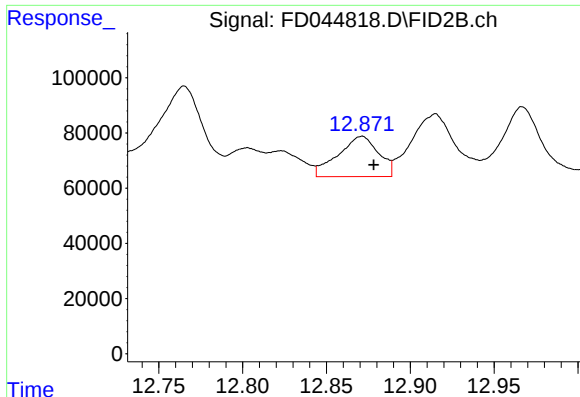
#11 ortho-Terphenyl (SURR)

R.T.: 11.541 min
Delta R.T.: -0.006 min
Response: 985037
Conc: 5.47 ug/ml



#12 Fluoranthene (C21.85)

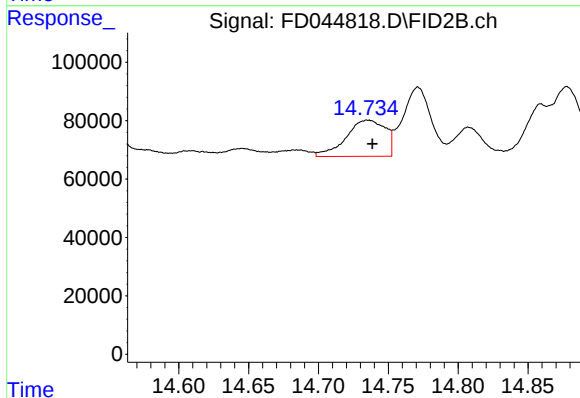
R.T.: 12.577 min
Delta R.T.: -0.005 min
Response: 730779
Conc: 4.65 ug/ml



#13 Pyrene (C20.8)

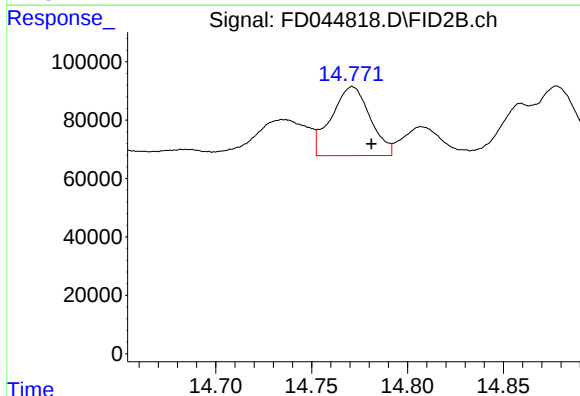
R.T.: 12.871 min
Delta R.T.: -0.007 min
Response: 245268
Conc: 1.60 ug/ml

Instrument :
FID_D
ClientSampleId :



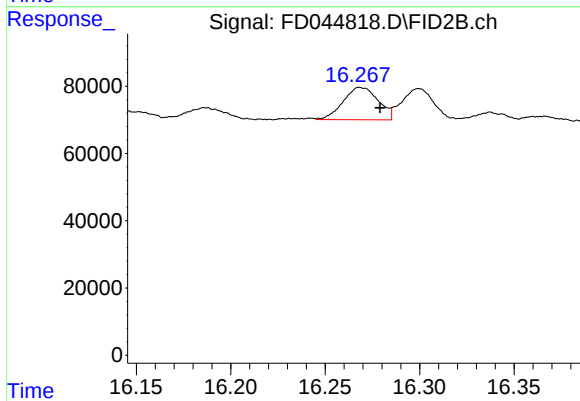
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.735 min
Delta R.T.: -0.003 min
Response: 242410
Conc: 1.70 ug/ml



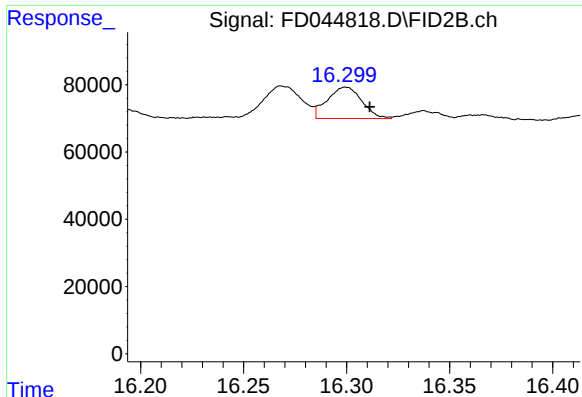
#15 Chrysene (C27.41)

R.T.: 14.771 min
Delta R.T.: -0.010 min
Response: 333310
Conc: 2.20 ug/ml



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

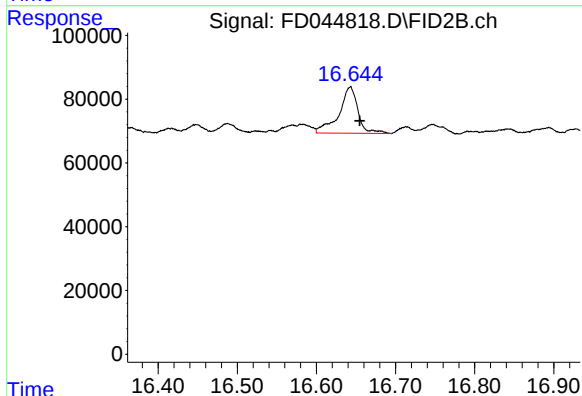
R.T.: 16.269 min
Delta R.T.: -0.010 min
Response: 124318
Conc: 0.83 ug/ml



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

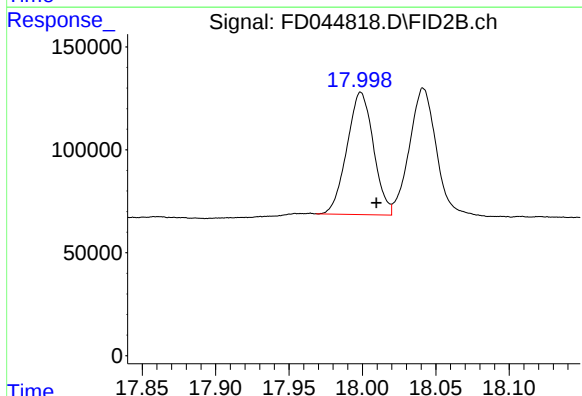
R.T.: 16.300 min
Delta R.T.: -0.012 min
Response: 109450
Conc: 0.72 ug/ml

Instrument :
FID_D
ClientSampleId :



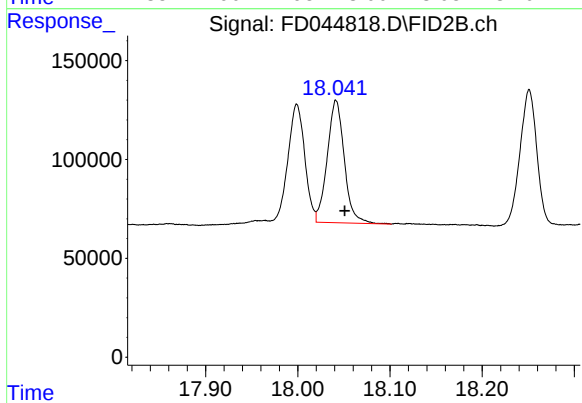
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.643 min
Delta R.T.: -0.012 min
Response: 242420
Conc: 1.67 ug/ml



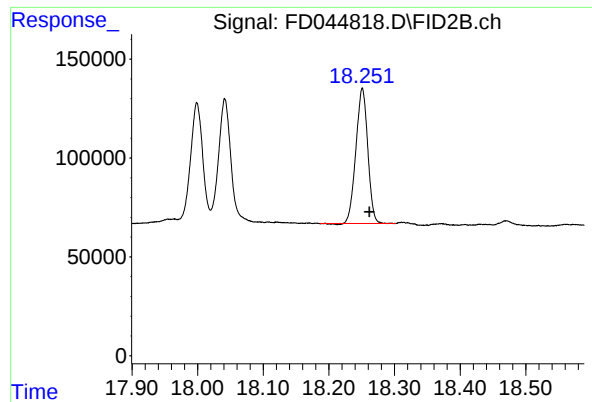
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.999 min
Delta R.T.: -0.010 min
Response: 745327
Conc: 5.27 ug/ml



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

R.T.: 18.041 min
Delta R.T.: -0.009 min
Response: 795397
Conc: 5.43 ug/ml



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

R.T.: 18.251 min
Delta R.T.: -0.011 min
Response: 860066
Conc: 6.05 ug/ml

Instrument :

FID_D

ClientSampleId :