

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101022AR\
 Data File : FD044071.D
 Signal(s) : FID2B.ch
 Acq On : 10 Oct 2022 11:22
 Operator : YP/AJ
 Sample : PB148190BS
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Oct 11 05:58:41 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 091522.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 14 19:37:45 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...	7.419	5639349	42.859 ug/ml
Spiked Amount 50.000		Recovery =	85.72%
6) S 2-Fluorobiphenyl (SURR)	8.274	3576118	49.573 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	99.15%
11) S ortho-Terphenyl (SURR)	11.304	6328914	33.973 ug/ml
Spiked Amount 50.000		Recovery =	67.95%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.231	4545458	30.246 ug/ml
2) T Naphthalene (C11.7)	5.761	5094273	35.775 ug/ml
3) T 2-Methylnaphthalene (...)	6.807	5150199	35.205 ug/ml
5) T Acenaphthylene (C15.06)	8.075	5584465	36.191 ug/ml
7) T Acenaphthene (C15.5)	8.368	6196134	35.405 ug/ml
8) T Flouorene (C16.55)	9.148	5628861	38.296 ug/ml
9) T Phenanthrene (C19.36)	10.539	6184676	42.738 ug/ml
10) T Anthracene (C19.43)	10.615	6291447	42.870 ug/ml
12) T Fluoranthene (C21.85)	12.344	6506084	42.419 ug/ml
13) T Pyrene (C20.8)	12.638	6347498	42.670 ug/ml
14) T Benzo[a]anthracene (C...	14.507	6281902	56.194 ug/ml
15) T Chrysene (C27.41)	14.549	7367023	47.139 ug/ml
16) T benzo[b]fluoranthene ...	16.053	6305195	54.067 ug/ml
17) T Bnezo[k]fluoranthene ...	16.084	6490236	43.716 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.429	5210349	43.015 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.795	5596165	58.858 ug/ml
20) T Dibenz[a,h]anthracene...	17.829	6090483	50.699 ug/ml
21) T Benzo[g,h,i]perylene ...	18.046	5903675	51.806 ug/ml

(f)=RT Delta > 1/2 Window

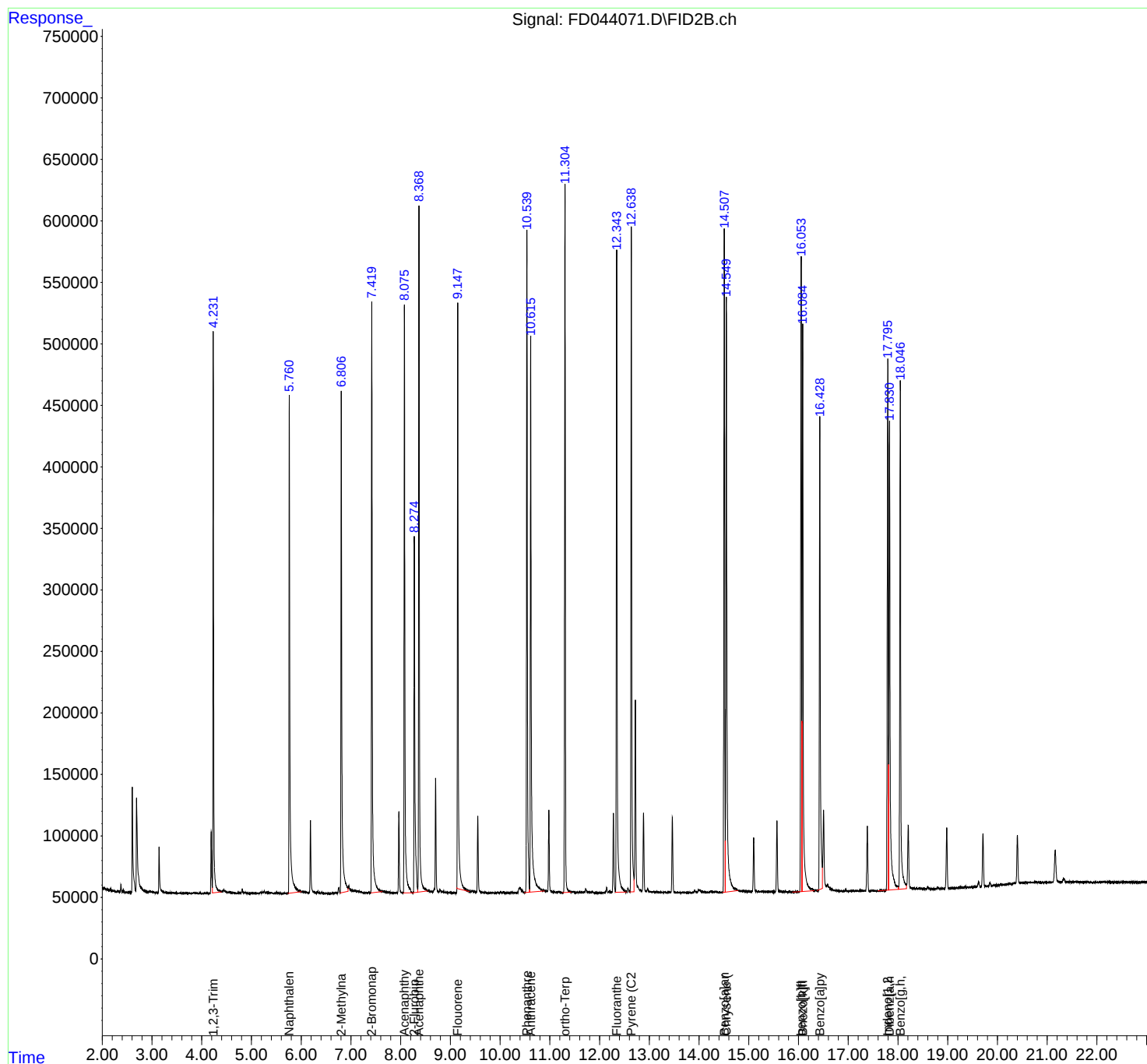
(m)=manual int.

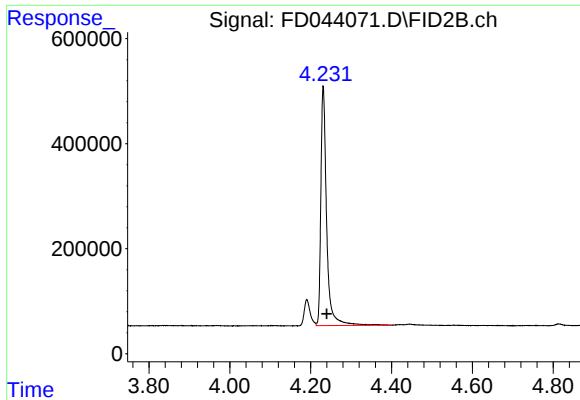
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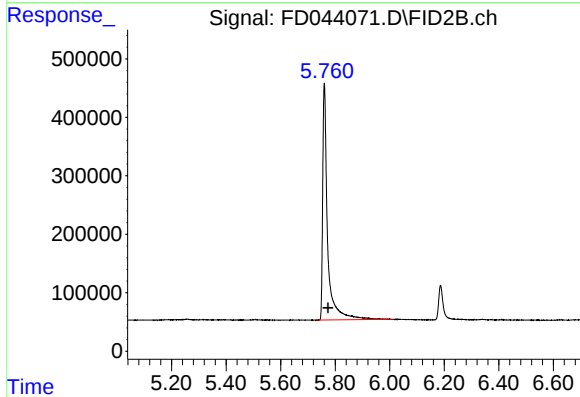




#1 1,2,3-Trimethylbenzene (C10.1)

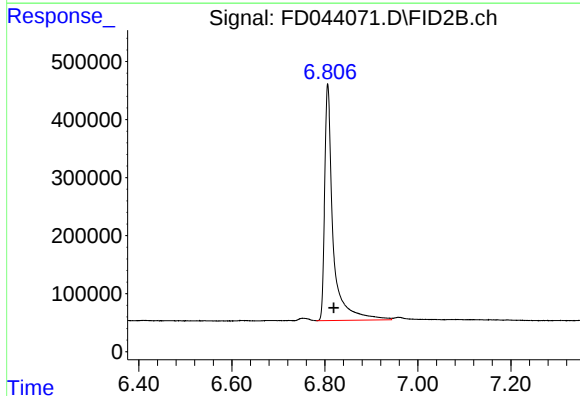
R.T.: 4.231 min
Delta R.T.: -0.009 min
Response: 4545458
Conc: 30.25 ug/ml

Instrument :
FID_D
ClientSampleId :



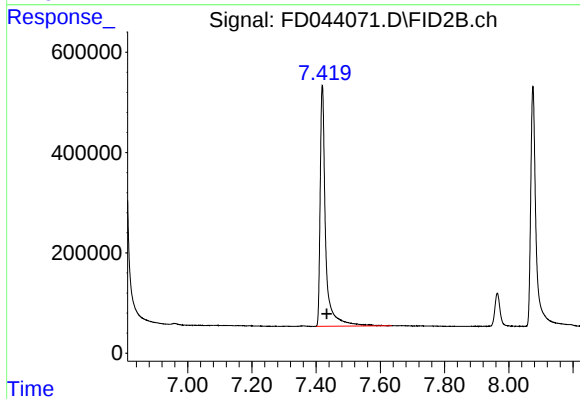
#2 Naphthalene (C11.7)

R.T.: 5.761 min
Delta R.T.: -0.013 min
Response: 5094273
Conc: 35.78 ug/ml



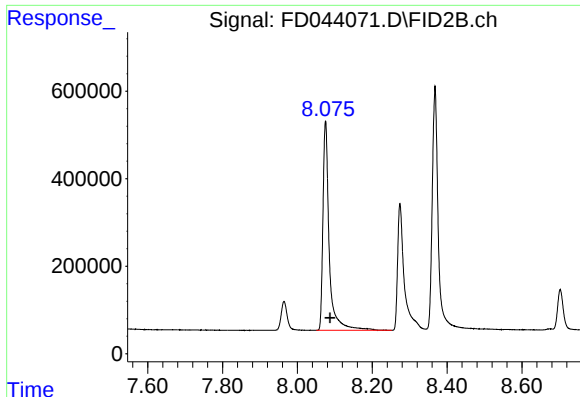
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.807 min
Delta R.T.: -0.013 min
Response: 5150199
Conc: 35.21 ug/ml



#4 2-Bromonaphthalene (SURR)

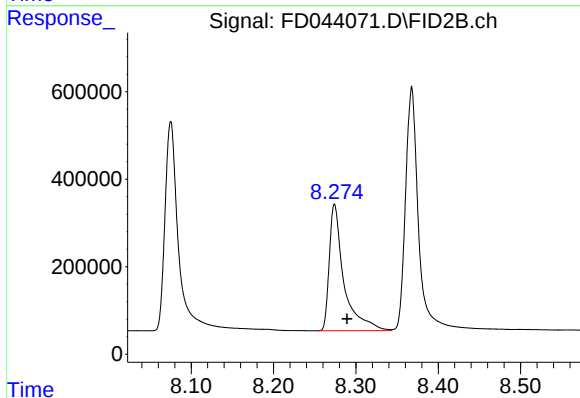
R.T.: 7.419 min
Delta R.T.: -0.013 min
Response: 5639349
Conc: 42.86 ug/ml



#5 Acenaphthylene (C15.06)

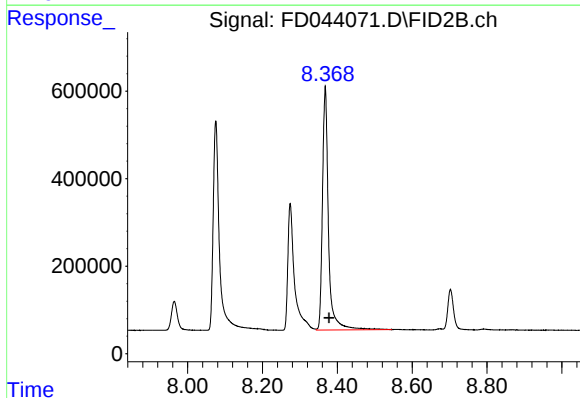
R.T.: 8.075 min
Delta R.T.: -0.012 min
Response: 5584465
Conc: 36.19 ug/ml

Instrument :
FID_D
ClientSampleId :



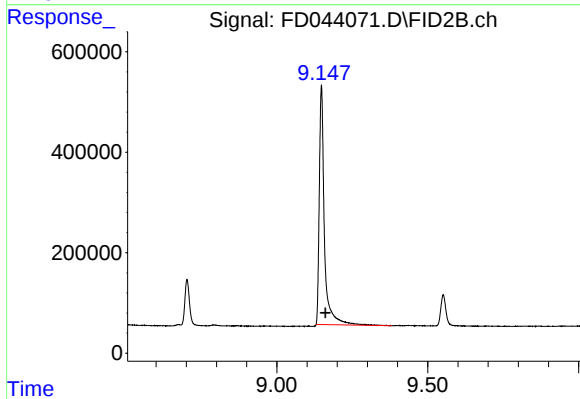
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.274 min
Delta R.T.: -0.015 min
Response: 3576118
Conc: 49.57 ug/ml



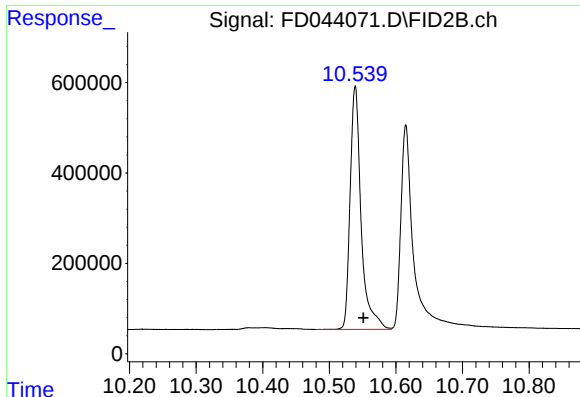
#7 Acenaphthene (C15.5)

R.T.: 8.368 min
Delta R.T.: -0.010 min
Response: 6196134
Conc: 35.41 ug/ml



#8 Flouorene (C16.55)

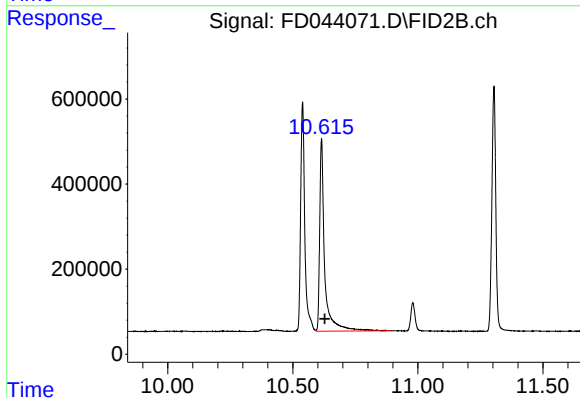
R.T.: 9.148 min
Delta R.T.: -0.013 min
Response: 5628861
Conc: 38.30 ug/ml



#9 Phenanthrene (C19.36)

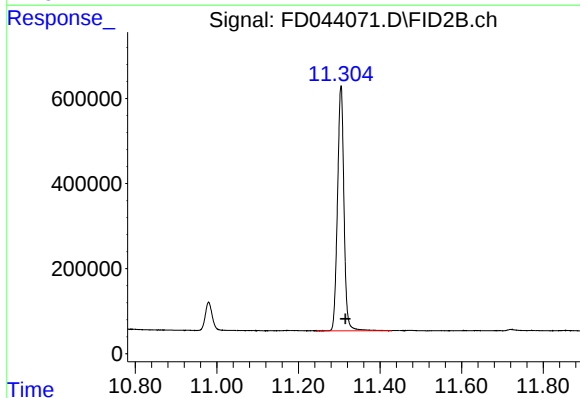
R.T.: 10.539 min
Delta R.T.: -0.012 min
Response: 6184676
Conc: 42.74 ug/ml

Instrument :
FID_D
ClientSampleId :



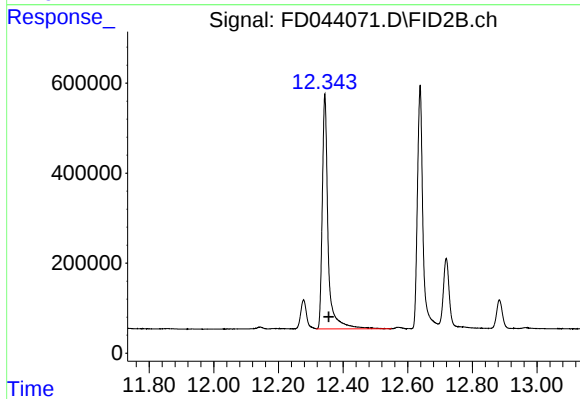
#10 Anthracene (C19.43)

R.T.: 10.615 min
Delta R.T.: -0.013 min
Response: 6291447
Conc: 42.87 ug/ml



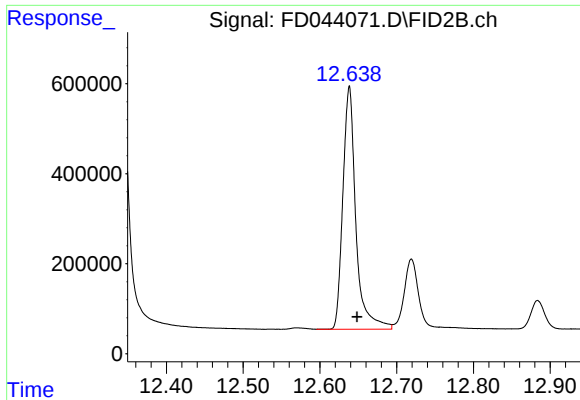
#11 ortho-Terphenyl (SURR)

R.T.: 11.304 min
Delta R.T.: -0.011 min
Response: 6328914
Conc: 33.97 ug/ml



#12 Fluoranthene (C21.85)

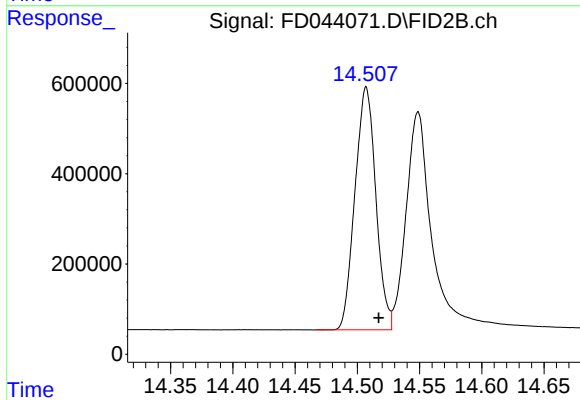
R.T.: 12.344 min
Delta R.T.: -0.012 min
Response: 6506084
Conc: 42.42 ug/ml



#13 Pyrene (C20.8)

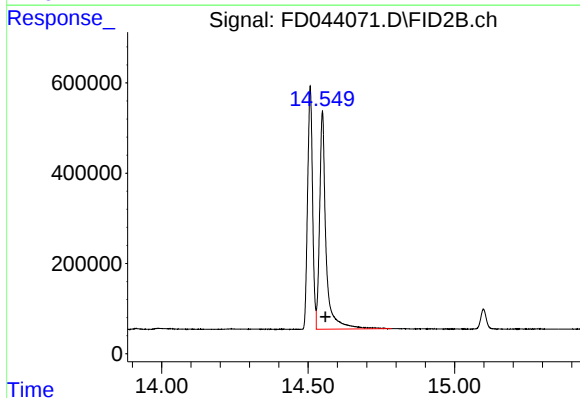
R.T.: 12.638 min
Delta R.T.: -0.011 min
Response: 6347498
Conc: 42.67 ug/ml

Instrument :
FID_D
ClientSampleId :



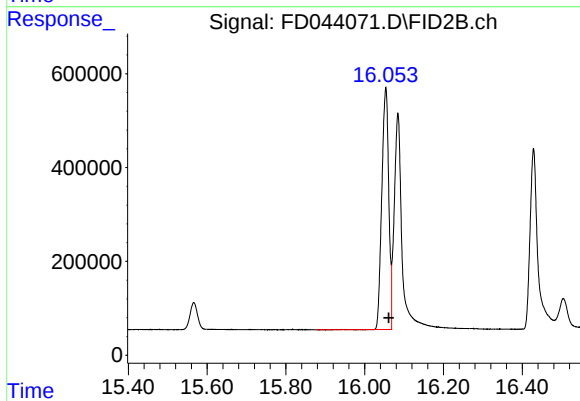
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.507 min
Delta R.T.: -0.010 min
Response: 6281902
Conc: 56.19 ug/ml



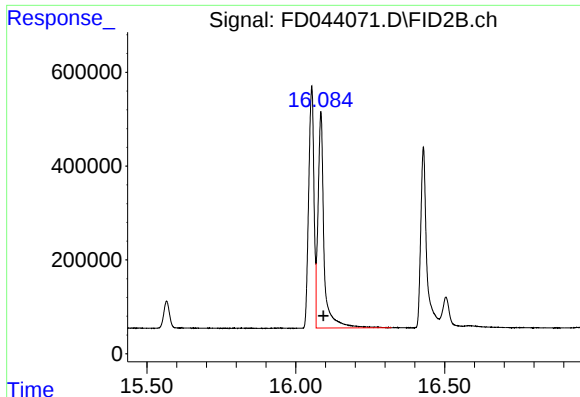
#15 Chrysene (C27.41)

R.T.: 14.549 min
Delta R.T.: -0.010 min
Response: 7367023
Conc: 47.14 ug/ml



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

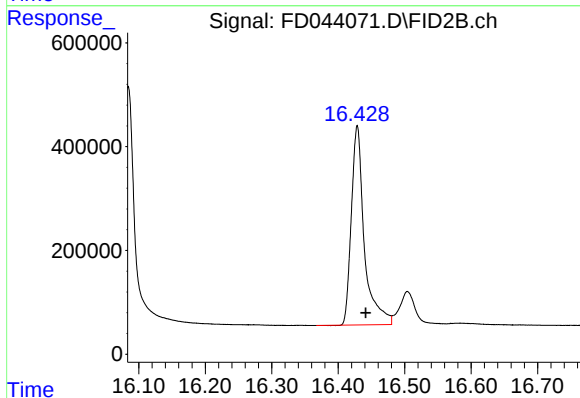
R.T.: 16.053 min
Delta R.T.: -0.008 min
Response: 6305195
Conc: 54.07 ug/ml



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

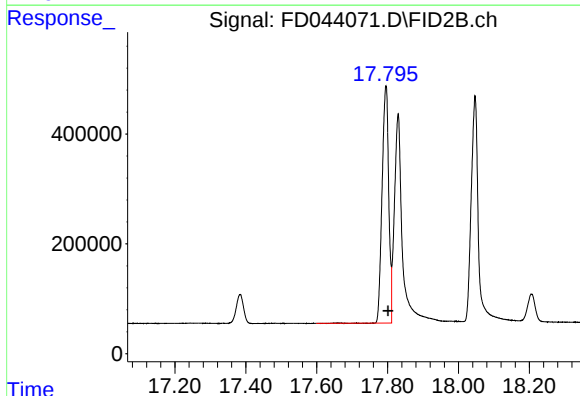
R.T.: 16.084 min
Delta R.T.: -0.008 min
Response: 6490236
Conc: 43.72 ug/ml

Instrument :
FID_D
ClientSampleId :



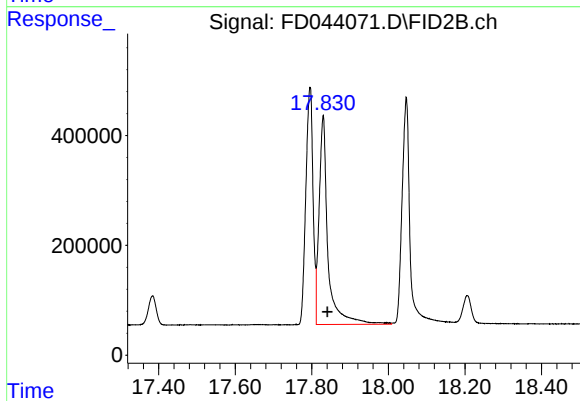
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.429 min
Delta R.T.: -0.013 min
Response: 5210349
Conc: 43.02 ug/ml



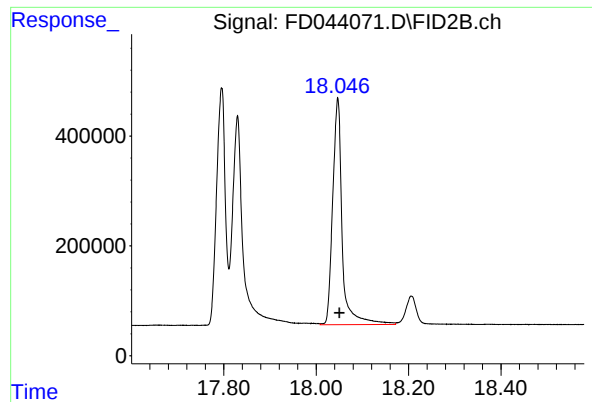
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.795 min
Delta R.T.: -0.006 min
Response: 5596165
Conc: 58.86 ug/ml



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

R.T.: 17.829 min
Delta R.T.: -0.011 min
Response: 6090483
Conc: 50.70 ug/ml



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

R.T.: 18.046 min
Delta R.T.: -0.004 min
Response: 5903675
Conc: 51.81 ug/ml

Instrument :

FID_D

ClientSampleId :