

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD083022AR\
 Data File : FD043766.D
 Signal(s) : FID2B.ch
 Acq On : 30 Aug 2022 16:02
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 31 03:54:59 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 082322.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 25 11:00:10 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...	7.449	3481768	20.151 ug/ml
Spiked Amount 50.000		Recovery =	40.30%
6) S 2-Fluorobiphenyl (SURR)	8.306	2071068	20.589 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.18%
11) S ortho-Terphenyl (SURR)	11.334	4153777	19.855 ug/ml
Spiked Amount 50.000		Recovery =	39.71%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.250	3971724	19.944 ug/ml
2) T Naphthalene (C11.7)	5.787	3925680	19.531 ug/ml
3) T 2-Methylnaphthalene (...)	6.835	3603279	19.963 ug/ml
5) T Acenaphthylene (C15.06)	8.105	3953485	19.778 ug/ml
7) T Acenaphthene (C15.5)	8.396	4253137	19.786 ug/ml
8) T Flouorene (C16.55)	9.179	3767750	19.653 ug/ml
9) T Phenanthrene (C19.36)	10.571	3647330	20.283 ug/ml
10) T Anthracene (C19.43)	10.649	3578001	18.395 ug/ml
12) T Fluoranthene (C21.85)	12.376	1689649	9.265 ug/ml
13) T Pyrene (C20.8)	12.670	3701637	19.830 ug/ml
14) T Benzo[a]anthracene (C...	14.538	3008685	21.028 ug/ml
15) T Chrysene (C27.41)	14.580	3734732	19.350 ug/ml
16) T benzo[b]fluoranthene ...	16.083	6021086	41.726 ug/ml
17) T Bnezo[k]fluoranthene ...	16.083	6021086	35.007 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.464	3093384	21.303 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.862	5042133	48.755 ug/ml
20) T Dibenz[a,h]anthracene...	17.862	5042133	35.830 ug/ml
21) T Benzo[g,h,i]perylene ...	18.073	2690591	21.135 ug/ml

(f)=RT Delta > 1/2 Window

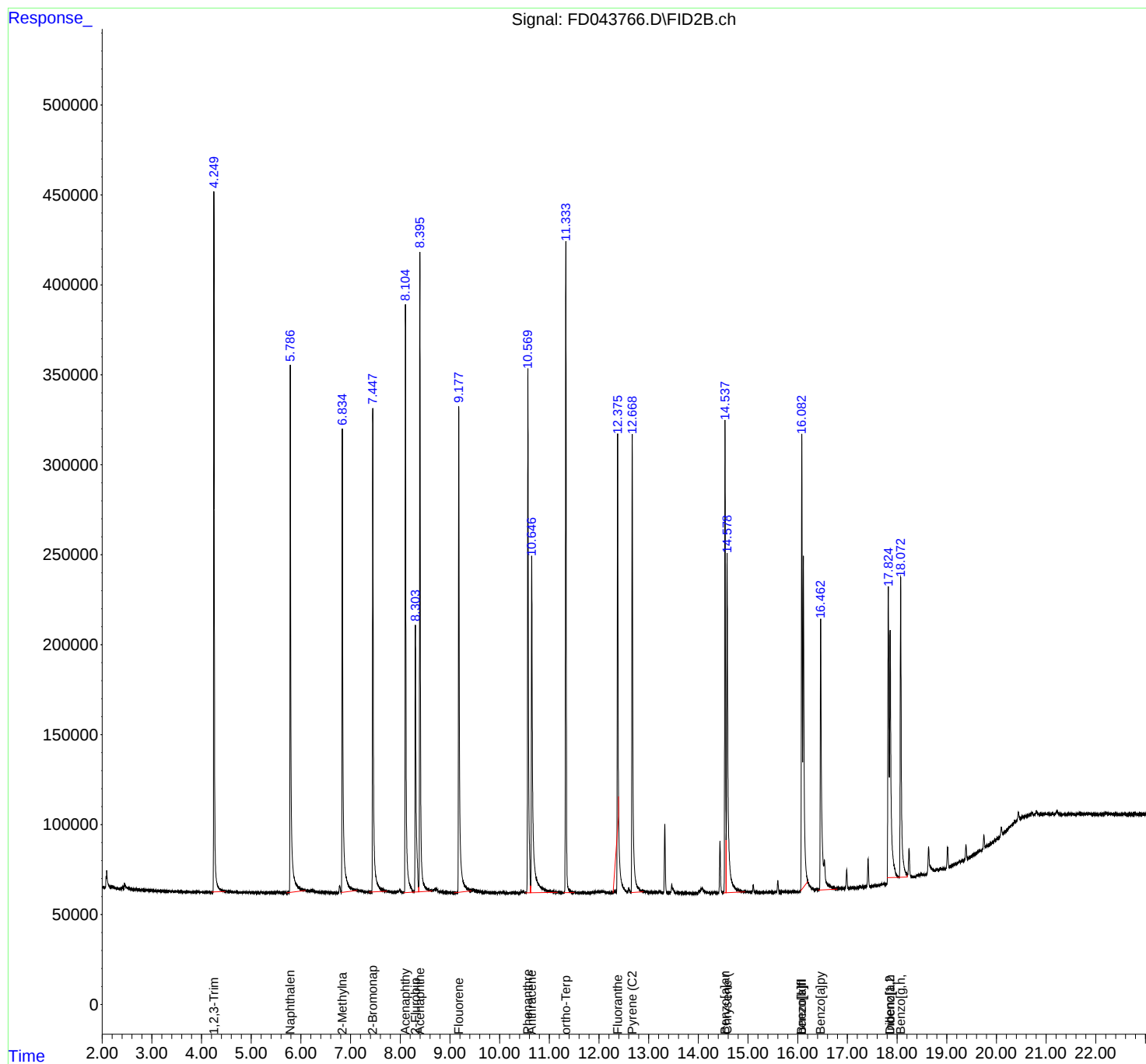
(m)=manual int.

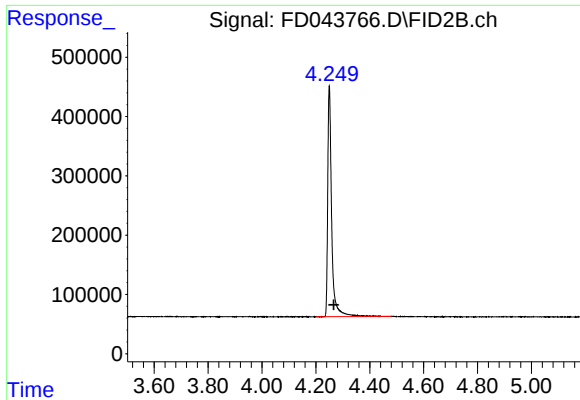
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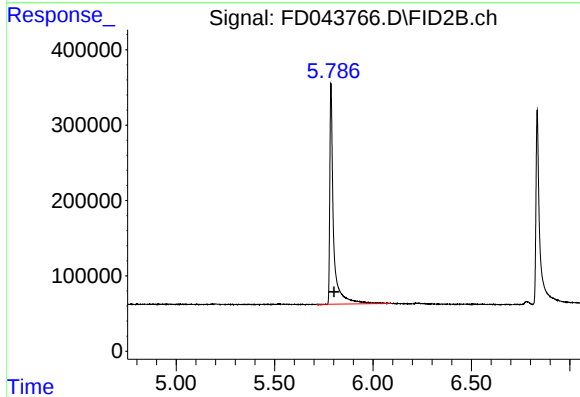




#1 1,2,3-Trimethylbenzene (C10.1)

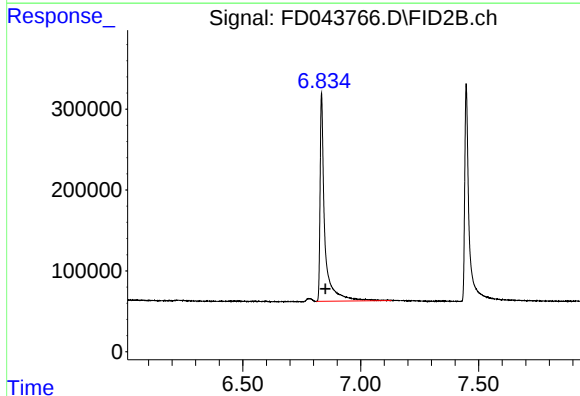
R.T.: 4.250 min
Delta R.T.: -0.017 min
Response: 3971724
Conc: 19.94 ug/ml

Instrument :
FID_D
ClientSampleId :



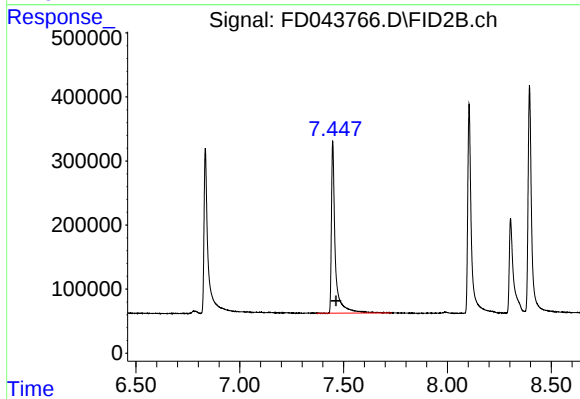
#2 Naphthalene (C11.7)

R.T.: 5.787 min
Delta R.T.: -0.016 min
Response: 3925680
Conc: 19.53 ug/ml



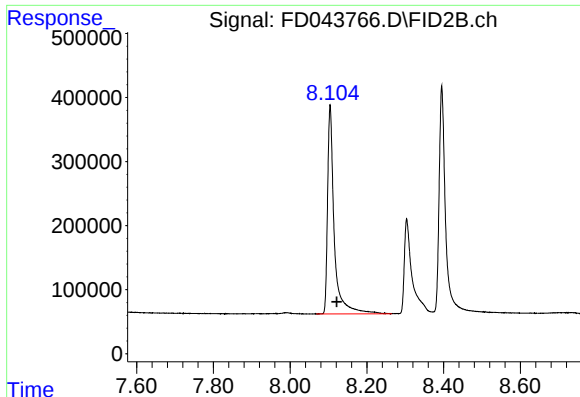
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.835 min
Delta R.T.: -0.015 min
Response: 3603279
Conc: 19.96 ug/ml



#4 2-Bromonaphthalene (SURR)

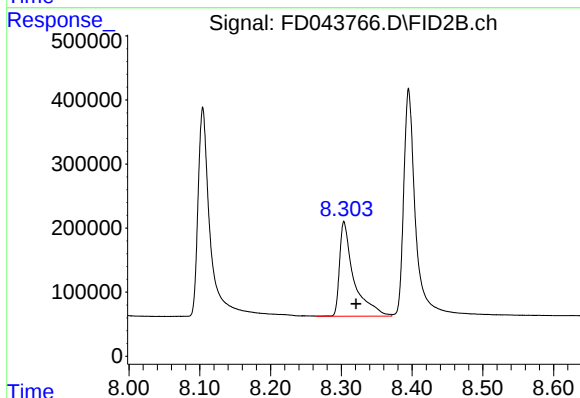
R.T.: 7.449 min
Delta R.T.: -0.014 min
Response: 3481768
Conc: 20.15 ug/ml



#5 Acenaphthylene (C15.06)

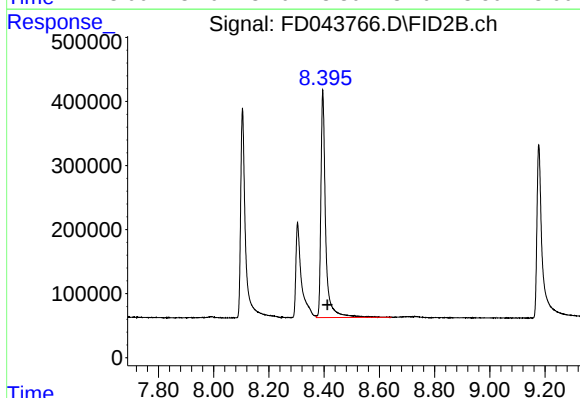
R.T.: 8.105 min
Delta R.T.: -0.016 min
Response: 3953485
Conc: 19.78 ug/ml

Instrument :
FID_D
ClientSampleId :



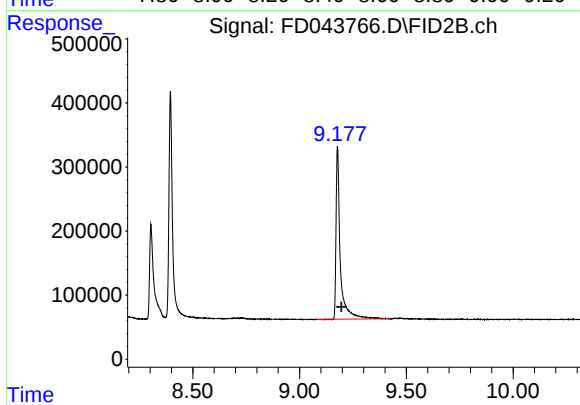
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.306 min
Delta R.T.: -0.015 min
Response: 2071068
Conc: 20.59 ug/ml



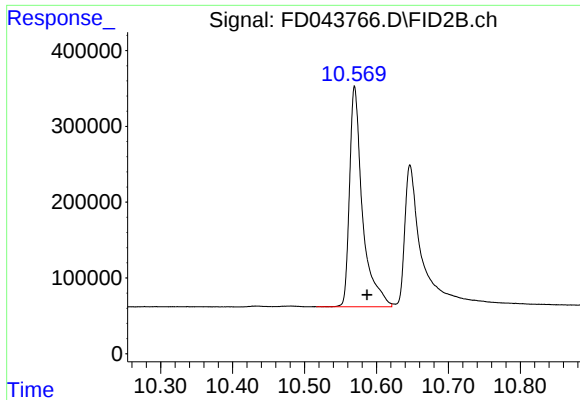
#7 Acenaphthene (C15.5)

R.T.: 8.396 min
Delta R.T.: -0.016 min
Response: 4253137
Conc: 19.79 ug/ml



#8 Fluorene (C16.55)

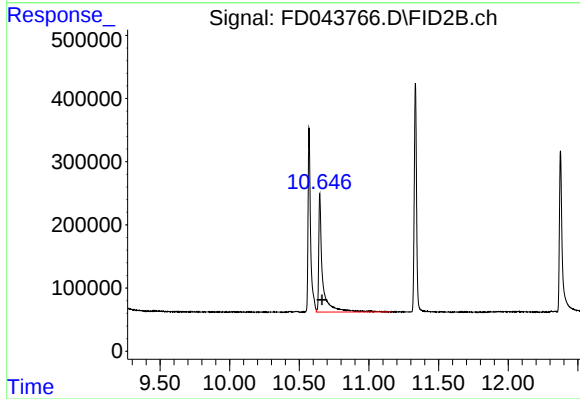
R.T.: 9.179 min
Delta R.T.: -0.016 min
Response: 3767750
Conc: 19.65 ug/ml



#9 Phenanthrene (C19.36)

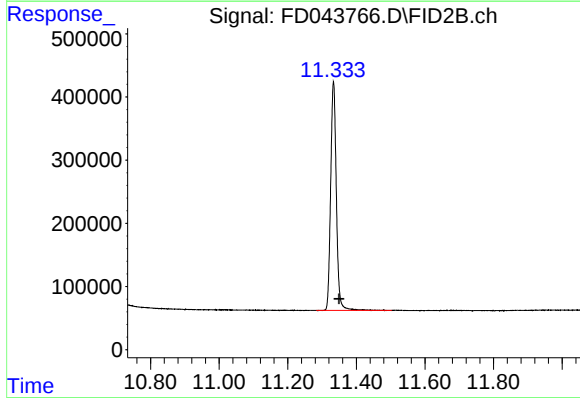
R.T.: 10.571 min
Delta R.T.: -0.016 min
Response: 3647330
Conc: 20.28 ug/ml

Instrument :
FID_D
ClientSampleId :



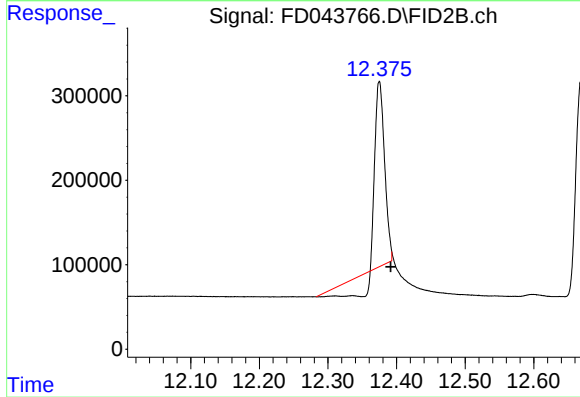
#10 Anthracene (C19.43)

R.T.: 10.649 min
Delta R.T.: -0.015 min
Response: 3578001
Conc: 18.40 ug/ml



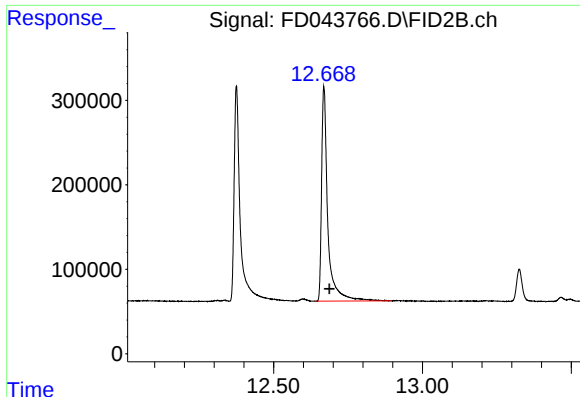
#11 ortho-Terphenyl (SURR)

R.T.: 11.334 min
Delta R.T.: -0.017 min
Response: 4153777
Conc: 19.85 ug/ml



#12 Fluoranthene (C21.85)

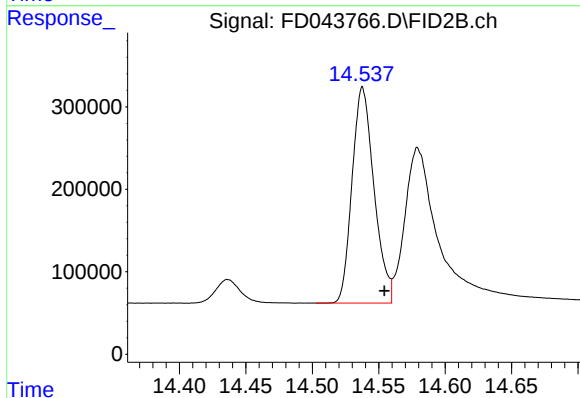
R.T.: 12.376 min
Delta R.T.: -0.016 min
Response: 1689649
Conc: 9.27 ug/ml



#13 Pyrene (C20.8)

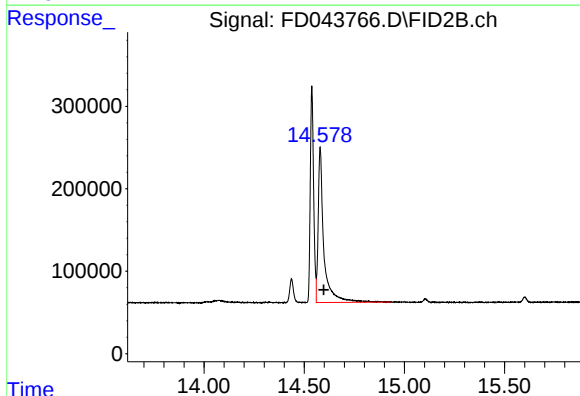
R.T.: 12.670 min
Delta R.T.: -0.017 min
Response: 3701637
Conc: 19.83 ug/ml

Instrument :
FID_D
ClientSampleId :



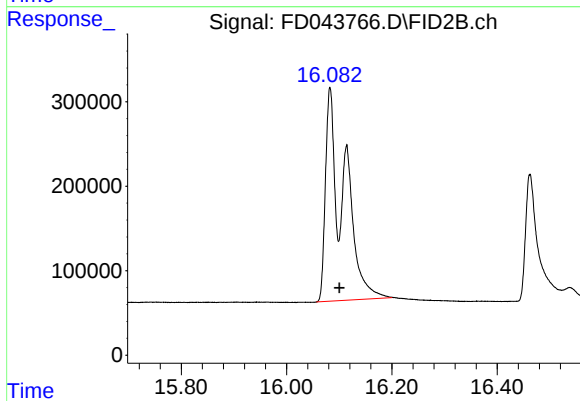
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.538 min
Delta R.T.: -0.016 min
Response: 3008685
Conc: 21.03 ug/ml



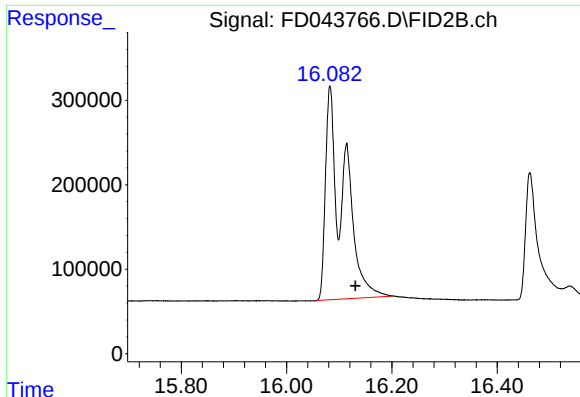
#15 Chrysene (C27.41)

R.T.: 14.580 min
Delta R.T.: -0.016 min
Response: 3734732
Conc: 19.35 ug/ml



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

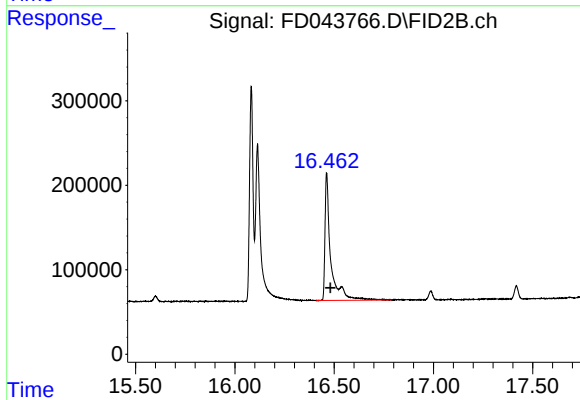
R.T.: 16.083 min
Delta R.T.: -0.017 min
Response: 6021086
Conc: 41.73 ug/ml



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

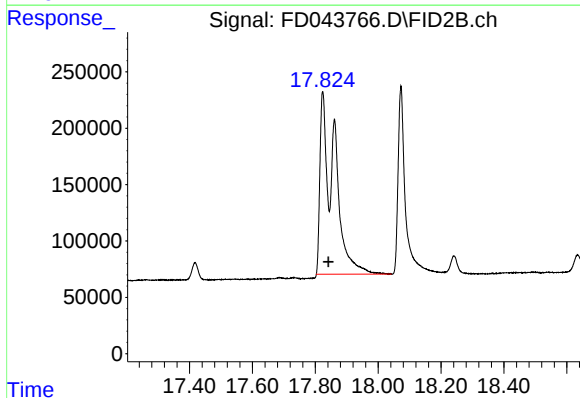
R.T.: 16.083 min
Delta R.T.: -0.048 min
Response: 6021086
Conc: 35.01 ug/ml

Instrument :
FID_D
ClientSampleId :



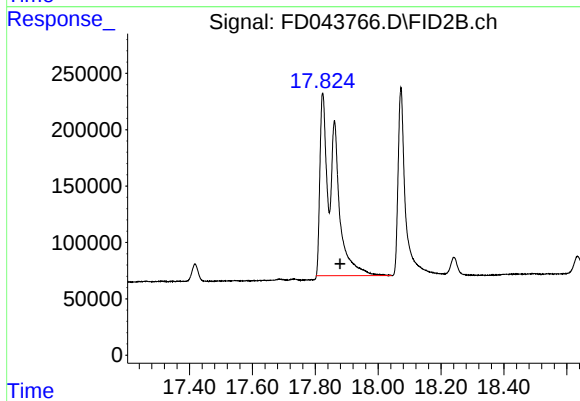
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.464 min
Delta R.T.: -0.018 min
Response: 3093384
Conc: 21.30 ug/ml



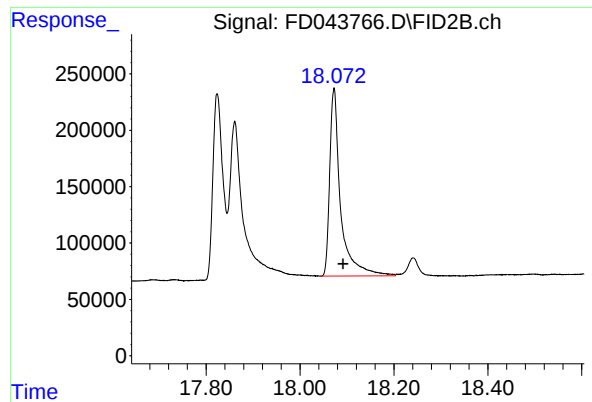
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.862 min
Delta R.T.: 0.020 min
Response: 5042133
Conc: 48.76 ug/ml



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

R.T.: 17.862 min
Delta R.T.: -0.018 min
Response: 5042133
Conc: 35.83 ug/ml



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

R.T.: 18.073 min
Delta R.T.: -0.019 min
Response: 2690591
Conc: 21.14 ug/ml

Instrument :

FID_D

ClientSampleId :