

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052223AR\
 Data File : FD045732.D
 Signal(s) : FID2B.ch
 Acq On : 23 May 2023 11:43
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 23 15:10:15 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 050523.M
 Quant Title : GC Extractables
 QLast Update : Fri May 05 18:09:33 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...	7.540	3349393	19.636 ug/ml
Spiked Amount 50.000		Recovery =	39.27%
6) S 2-Fluorobiphenyl (SURR)	8.396	2245793	19.533 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.07%
11) S ortho-Terphenyl (SURR)	11.435	4127533	19.551 ug/ml
Spiked Amount 50.000		Recovery =	39.10%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.349	3751953	20.100 ug/ml
2) T Naphthalene (C11.7)	5.879	3922097	19.939 ug/ml
3) T 2-Methylnaphthalene (...)	6.929	3933201	19.910 ug/ml
5) T Acenaphthylene (C15.06)	8.200	3526285	19.627 ug/ml
7) T Acenaphthene (C15.5)	8.495	3746071	19.685 ug/ml
8) T Flouorene (C16.55)	9.274	3676468	19.494 ug/ml
9) T Phenanthrene (C19.36)	10.664	3597364	19.354 ug/ml
10) T Anthracene (C19.43)	10.738	3347962	18.727 ug/ml
12) T Fluoranthene (C21.85)	12.468	3475845	19.268 ug/ml
13) T Pyrene (C20.8)	12.762	3357703	19.158 ug/ml
14) T Benzo[a]anthracene (C...	14.626	3001499	18.857 ug/ml
15) T Chrysene (C27.41)	14.668	3097444	19.075 ug/ml
16) T benzo[b]fluoranthene ...	16.167	2862386	19.435 ug/ml
17) T Bnezo[k]fluoranthene ...	16.200	2826010	19.545 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.542	2751558	19.735 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.897	2646013	20.826 ug/ml
20) T Dibenz[a,h]anthracene...	17.940	2710202	21.102 ug/ml
21) T Benzo[g,h,i]perylene ...	18.150	2713798	21.099 ug/ml

(f)=RT Delta > 1/2 Window

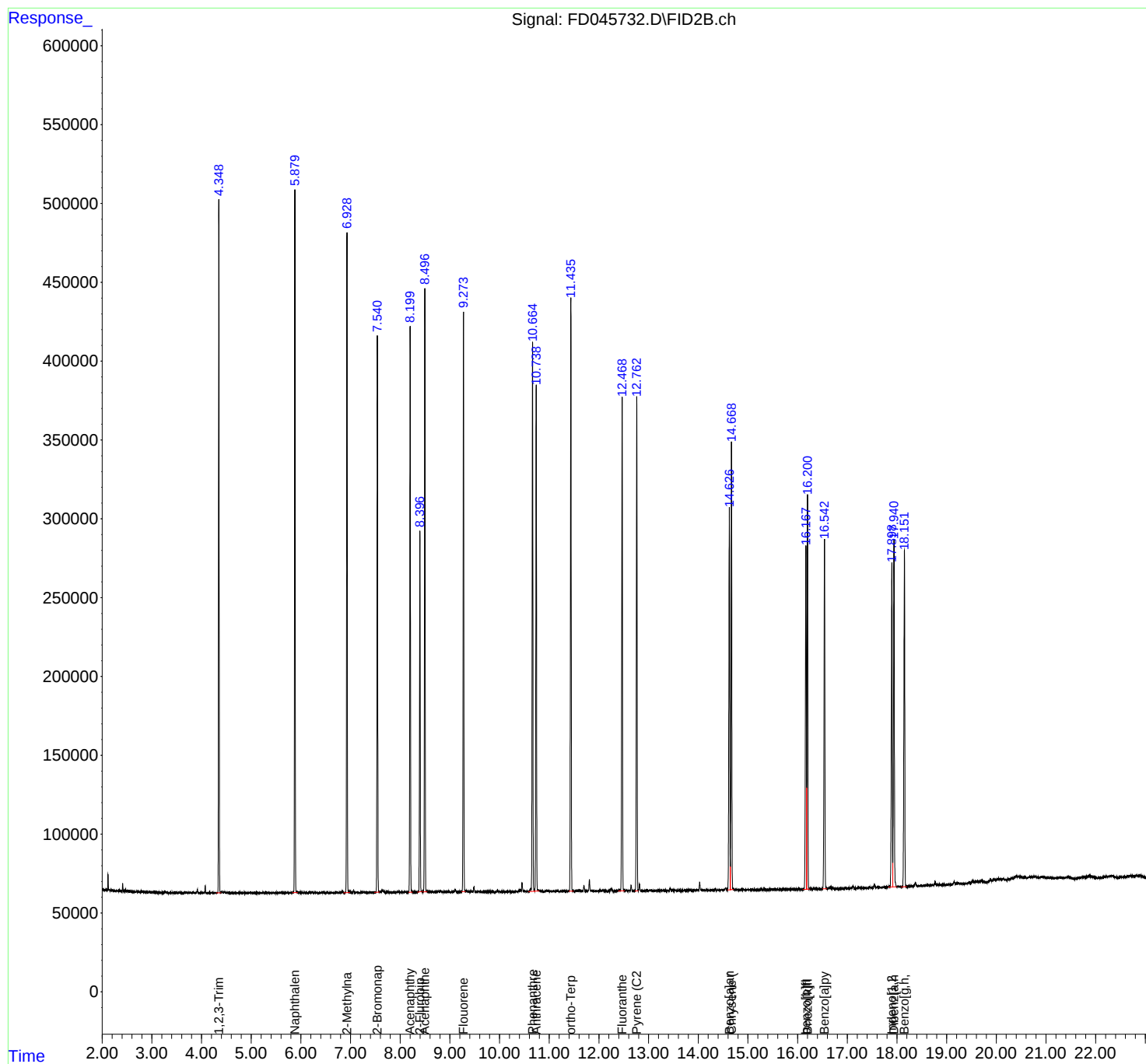
(m)=manual int.

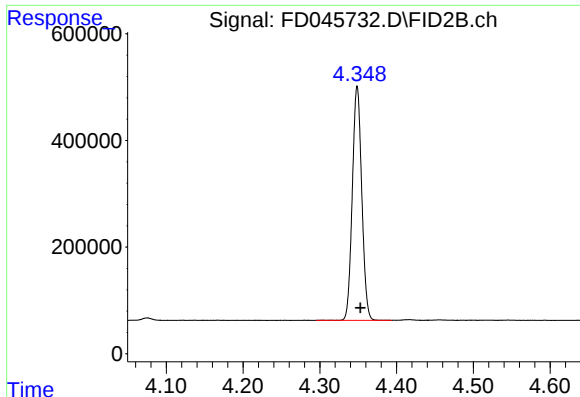
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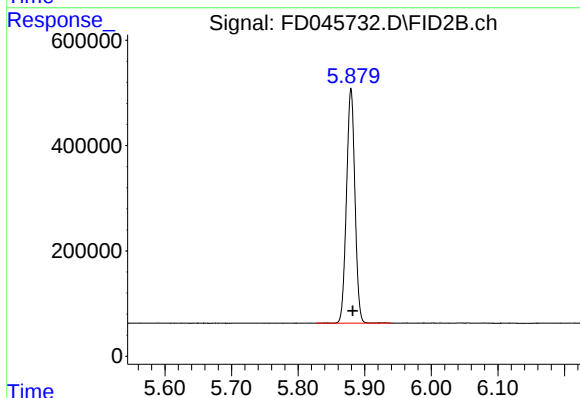




#1 1,2,3-Trimethylbenzene (C10.1)

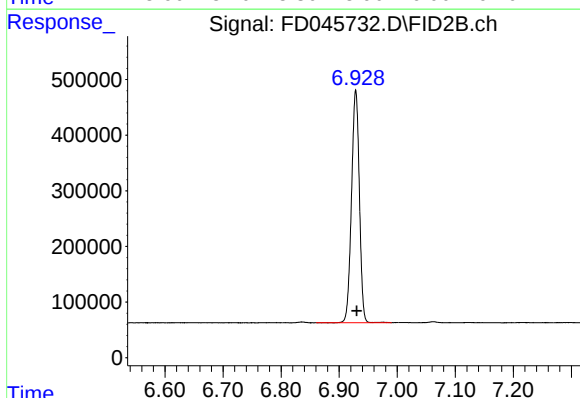
R.T.: 4.349 min
Delta R.T.: -0.004 min
Response: 3751953
Conc: 20.10 ug/ml

Instrument :
FID_D
ClientSampleId :



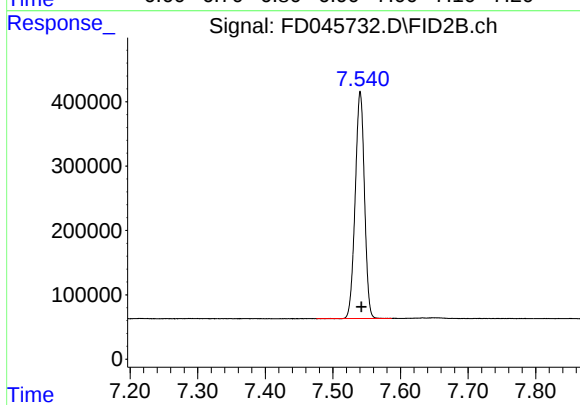
#2 Naphthalene (C11.7)

R.T.: 5.879 min
Delta R.T.: -0.003 min
Response: 3922097
Conc: 19.94 ug/ml



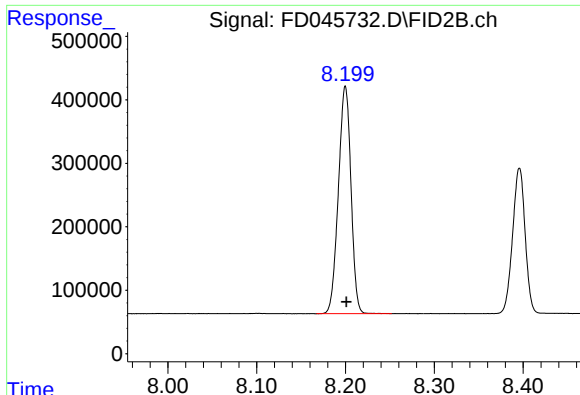
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.929 min
Delta R.T.: -0.002 min
Response: 3933201
Conc: 19.91 ug/ml



#4 2-Bromonaphthalene (SURR)

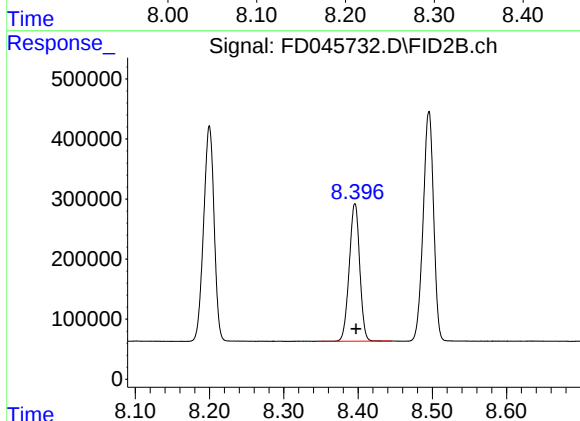
R.T.: 7.540 min
Delta R.T.: -0.002 min
Response: 3349393
Conc: 19.64 ug/ml



#5 Acenaphthylene (C15.06)

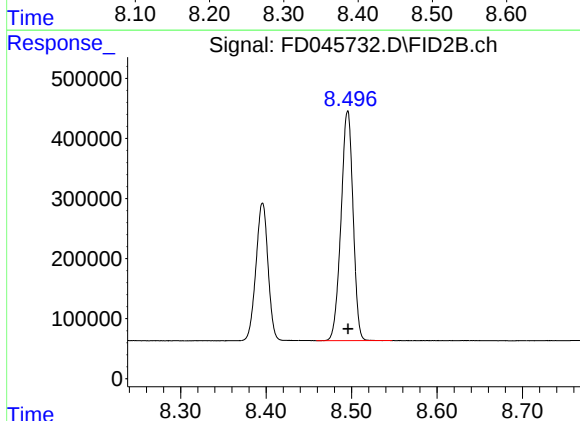
R.T.: 8.200 min
Delta R.T.: -0.001 min
Response: 3526285
Conc: 19.63 ug/ml

Instrument :
FID_D
ClientSampleId :



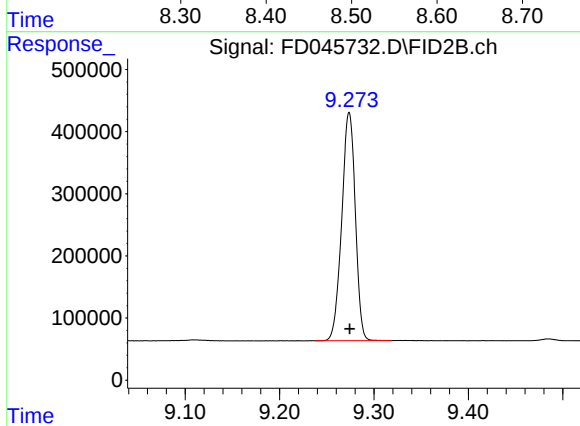
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.396 min
Delta R.T.: -0.001 min
Response: 2245793
Conc: 19.53 ug/ml



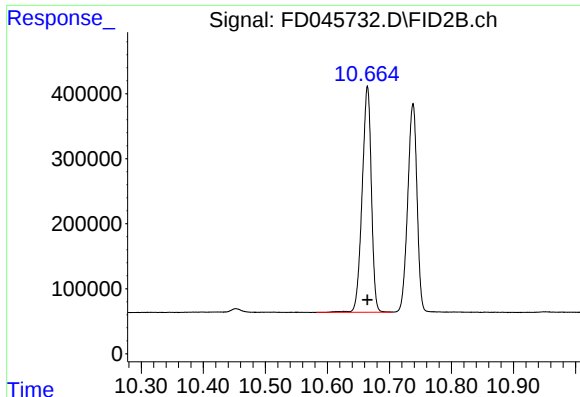
#7 Acenaphthene (C15.5)

R.T.: 8.495 min
Delta R.T.: 0.000 min
Response: 3746071
Conc: 19.69 ug/ml



#8 Fluorene (C16.55)

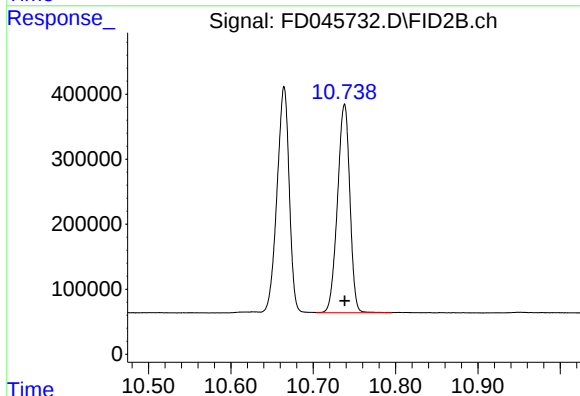
R.T.: 9.274 min
Delta R.T.: 0.000 min
Response: 3676468
Conc: 19.49 ug/ml



#9 Phenanthrene (C19.36)

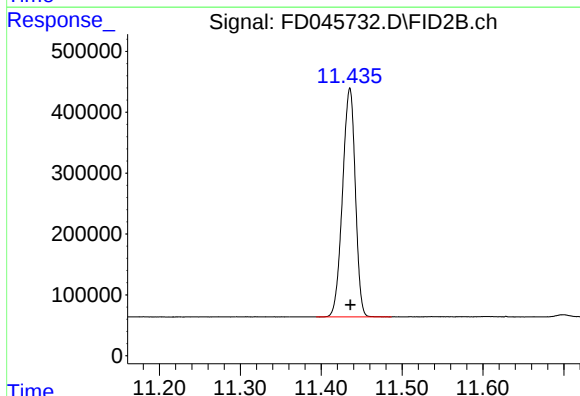
R.T.: 10.664 min
Delta R.T.: 0.000 min
Response: 3597364
Conc: 19.35 ug/ml

Instrument :
FID_D
ClientSampleId :



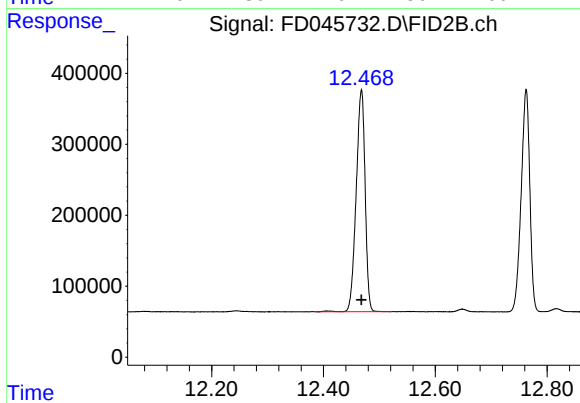
#10 Anthracene (C19.43)

R.T.: 10.738 min
Delta R.T.: 0.000 min
Response: 3347962
Conc: 18.73 ug/ml



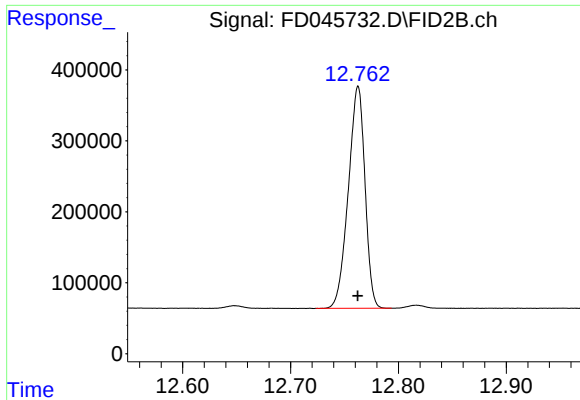
#11 ortho-Terphenyl (SURR)

R.T.: 11.435 min
Delta R.T.: -0.001 min
Response: 4127533
Conc: 19.55 ug/ml



#12 Fluoranthene (C21.85)

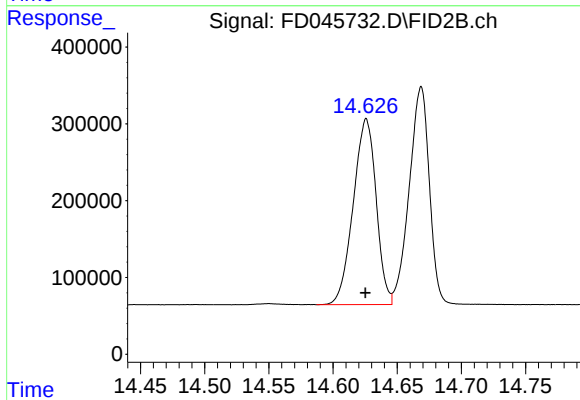
R.T.: 12.468 min
Delta R.T.: 0.000 min
Response: 3475845
Conc: 19.27 ug/ml



#13 Pyrene (C20.8)

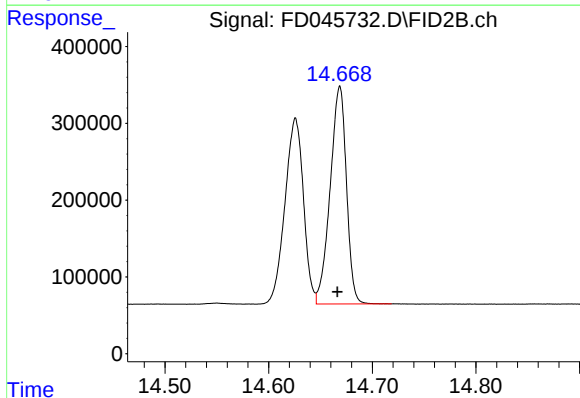
R.T.: 12.762 min
Delta R.T.: 0.000 min
Response: 3357703
Conc: 19.16 ug/ml

Instrument :
FID_D
ClientSampleId :



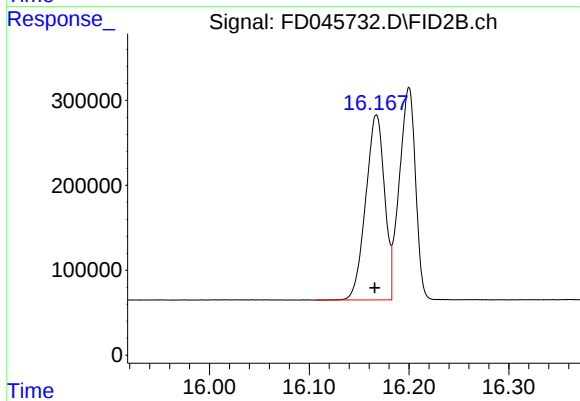
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.626 min
Delta R.T.: 0.000 min
Response: 3001499
Conc: 18.86 ug/ml



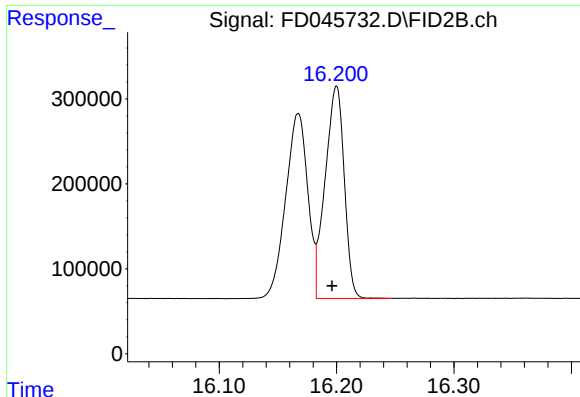
#15 Chrysene (C27.41)

R.T.: 14.668 min
Delta R.T.: 0.002 min
Response: 3097444
Conc: 19.08 ug/ml



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

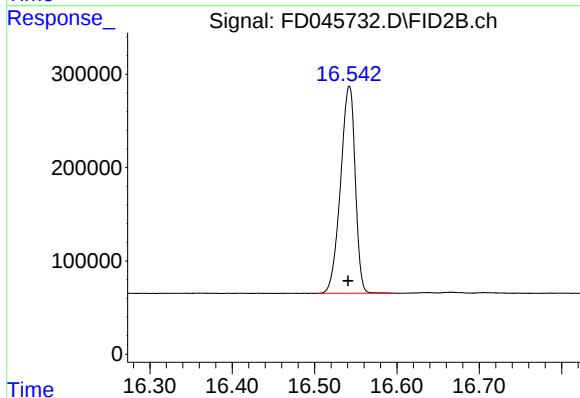
R.T.: 16.167 min
Delta R.T.: 0.002 min
Response: 2862386
Conc: 19.44 ug/ml



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

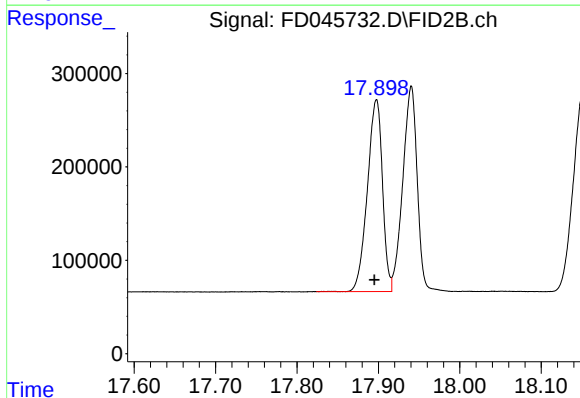
R.T.: 16.200 min
Delta R.T.: 0.004 min
Response: 2826010
Conc: 19.54 ug/ml

Instrument :
FID_D
ClientSampleId :



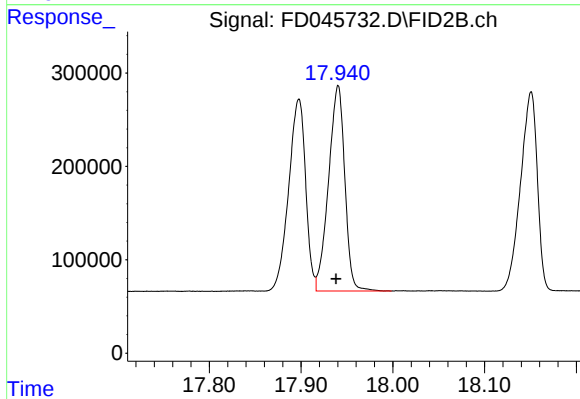
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.542 min
Delta R.T.: 0.001 min
Response: 2751558
Conc: 19.73 ug/ml



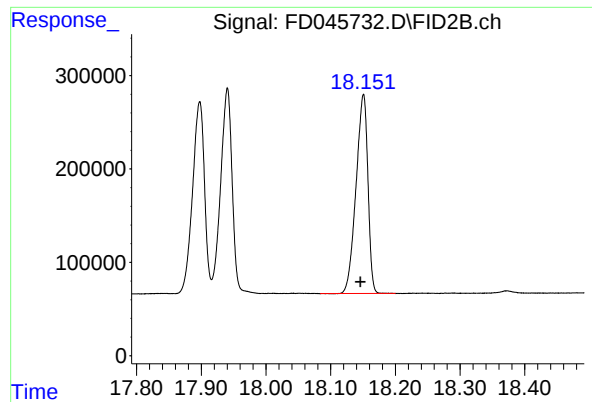
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.897 min
Delta R.T.: 0.002 min
Response: 2646013
Conc: 20.83 ug/ml



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

R.T.: 17.940 min
Delta R.T.: 0.002 min
Response: 2710202
Conc: 21.10 ug/ml



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

R.T.: 18.150 min
Delta R.T.: 0.004 min
Response: 2713798
Conc: 21.10 ug/ml

Instrument :

FID_D

ClientSampleId :