

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD110824AR\
 Data File : FD048686.D
 Signal(s) : FID2B.ch
 Acq On : 09 Nov 2024 00:50
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Nov 09 01:31:01 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102324.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 23 18:14:59 2024
 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...	7.368	3238811	21.339 ug/ml
Spiked Amount 50.000		Recovery =	42.68%
6) S 2-Fluorobiphenyl (SURR)	8.218	2119854	21.589 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	43.18%
11) S ortho-Terphenyl (SURR)	11.252	3665698	21.520 ug/ml
Spiked Amount 50.000		Recovery =	43.04%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.191	3731085	21.447 ug/ml
2) T Naphthalene (C11.7)	5.709	3827392	21.450 ug/ml
3) T 2-Methylnaphthalene (...)	6.755	3820158	21.358 ug/ml
5) T Acenaphthylene (C15.06)	8.020	3709738	21.127 ug/ml
7) T Acenaphthene (C15.5)	8.314	3782659	21.327 ug/ml
8) T Fluorene (C16.55)	9.092	3639909	21.533 ug/ml
9) T Phenanthrene (C19.36)	10.479	3555026	21.506 ug/ml
10) T Anthracene (C19.43)	10.554	2613389	16.343 ug/ml
12) T Fluoranthene (C21.85)	12.283	3617397	21.980 ug/ml
13) T Pyrene (C20.8)	12.576	3519943	21.852 ug/ml
14) T Benzo[a]anthracene (C...	14.445	3184930	21.782 ug/ml
15) T Chrysene (C27.41)	14.487	3398424	20.660 ug/ml
16) T benzo[b]fluoranthene ...	15.992	3430253	22.563 ug/ml
17) T Bnezo[k]fluoranthene ...	16.024	3374820	22.453 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.368	3386443	22.502 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.733	2982713	22.860 ug/ml
20) T Dibenz[a,h]anthracene...	17.772	3835072	23.566 ug/ml
21) T Benzo[g,h,i]perylene ...	17.984	3329639	21.749 ug/ml

(f)=RT Delta > 1/2 Window

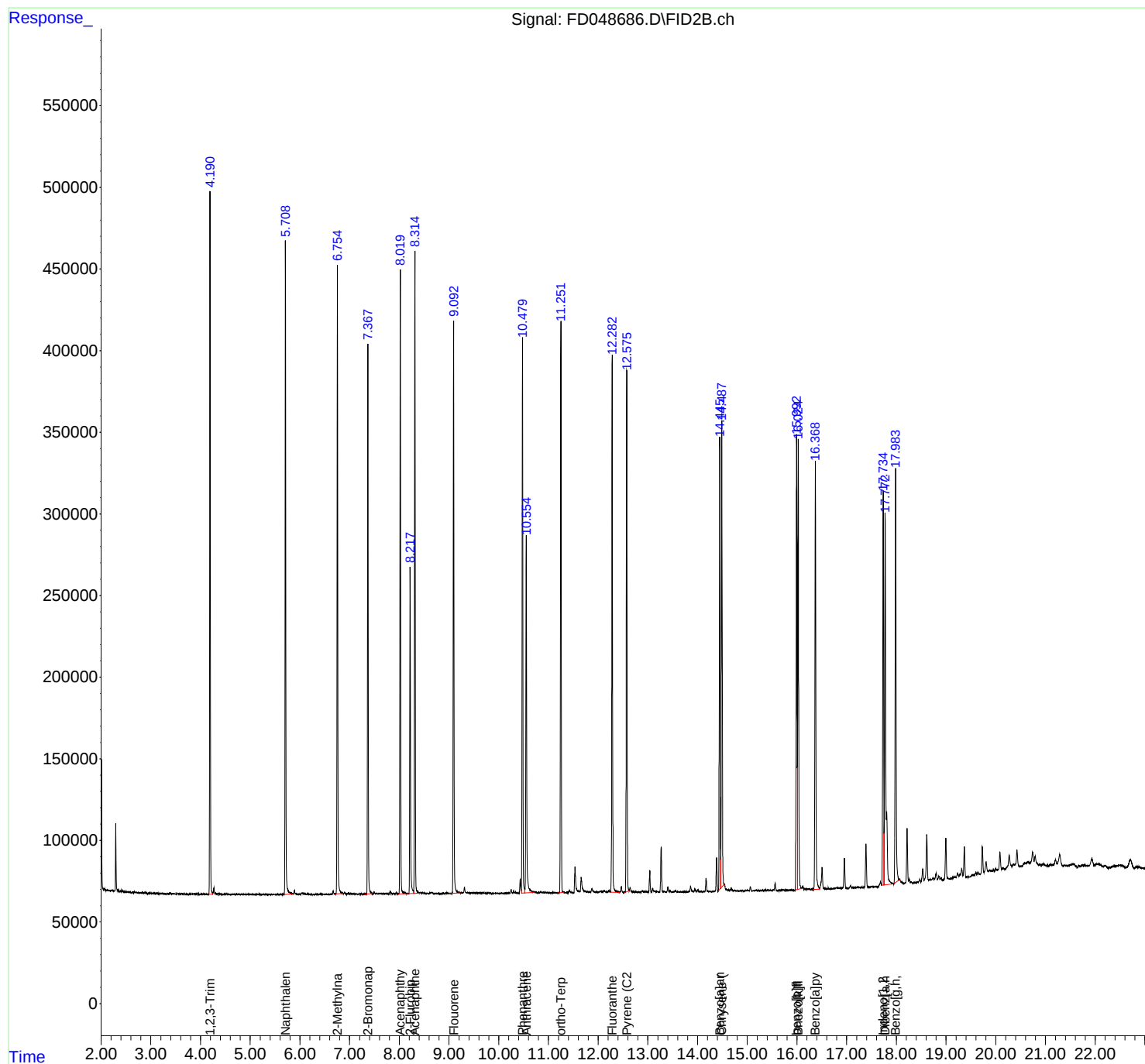
(m)=manual int.

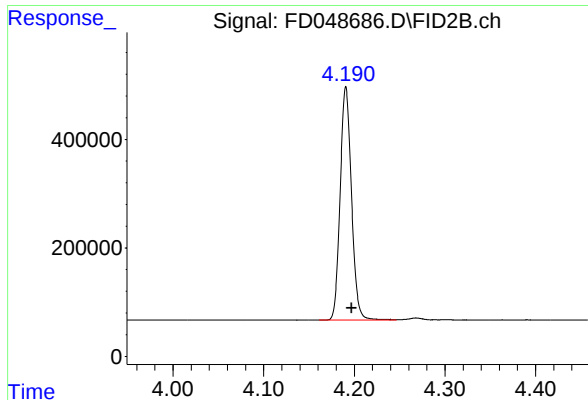
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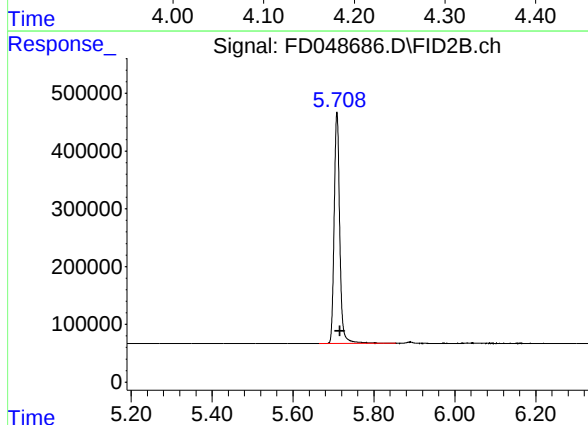




#1 1,2,3-Trimethylbenzene (C10.1)

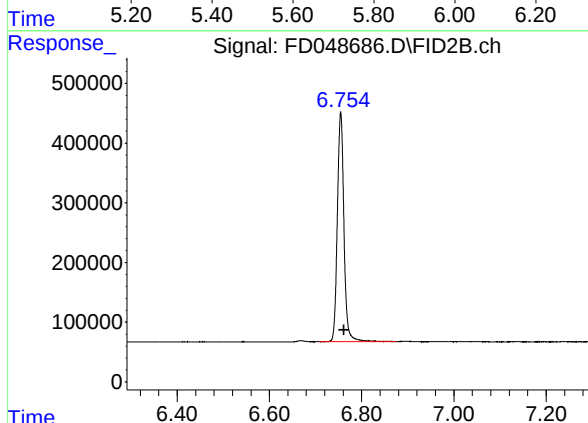
R.T.: 4.191 min
Delta R.T.: -0.006 min
Response: 3731085
Conc: 21.45 ug/ml

Instrument :
FID_D
ClientSampleId :



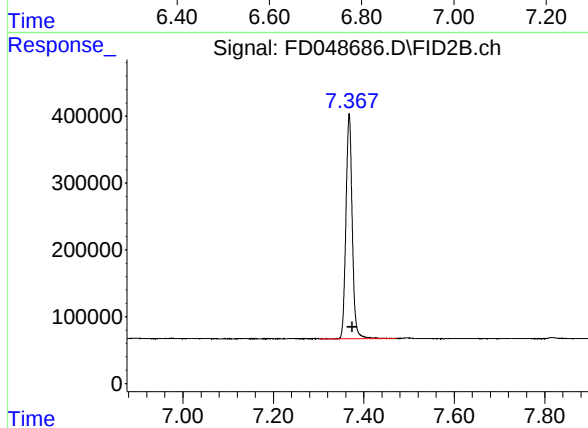
#2 Naphthalene (C11.7)

R.T.: 5.709 min
Delta R.T.: -0.007 min
Response: 3827392
Conc: 21.45 ug/ml



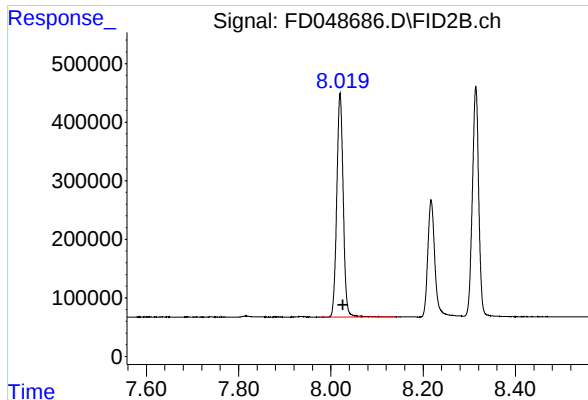
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.755 min
Delta R.T.: -0.008 min
Response: 3820158
Conc: 21.36 ug/ml



#4 2-Bromonaphthalene (SURR)

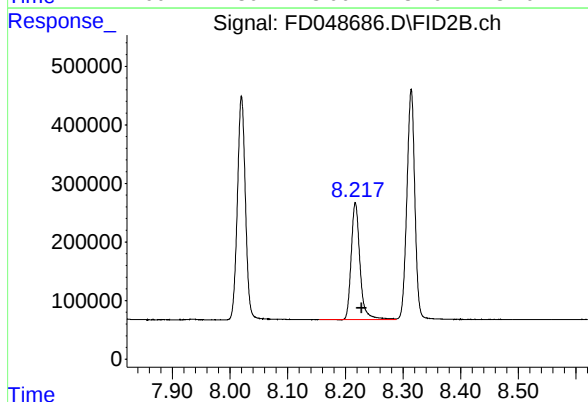
R.T.: 7.368 min
Delta R.T.: -0.007 min
Response: 3238811
Conc: 21.34 ug/ml



#5 Acenaphthylene (C15.06)

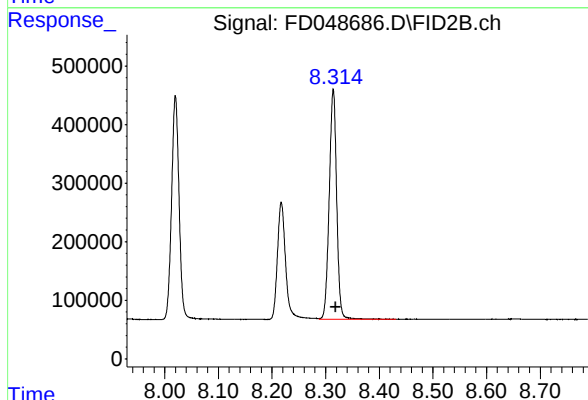
R.T.: 8.020 min
Delta R.T.: -0.006 min
Response: 3709738
Conc: 21.13 ug/ml

Instrument :
FID_D
ClientSampleId :



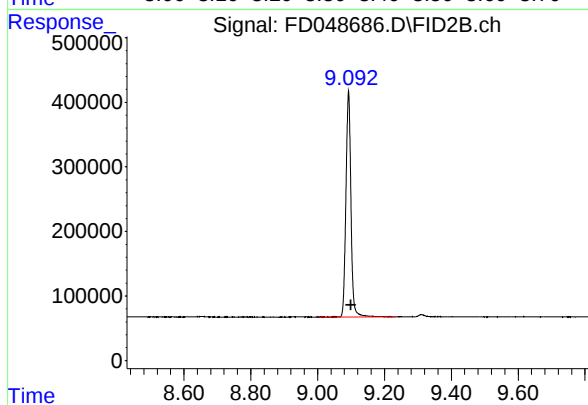
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.218 min
Delta R.T.: -0.011 min
Response: 2119854
Conc: 21.59 ug/ml



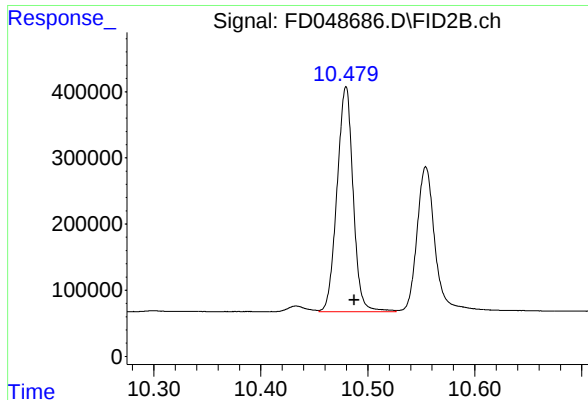
#7 Acenaphthene (C15.5)

R.T.: 8.314 min
Delta R.T.: -0.005 min
Response: 3782659
Conc: 21.33 ug/ml



#8 Flouorene (C16.55)

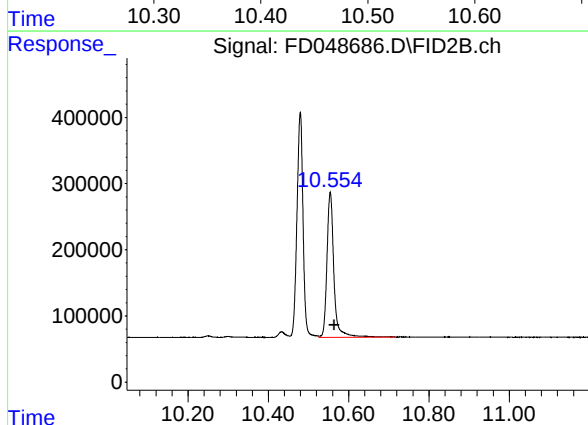
R.T.: 9.092 min
Delta R.T.: -0.008 min
Response: 3639909
Conc: 21.53 ug/ml



#9 Phenanthrene (C19.36)

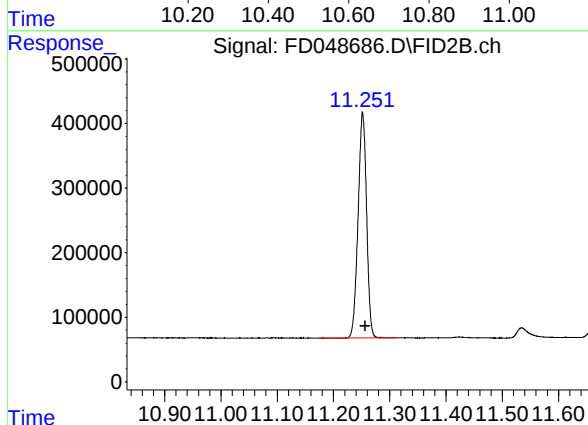
R.T.: 10.479 min
Delta R.T.: -0.008 min
Response: 3555026
Conc: 21.51 ug/ml

Instrument :
FID_D
ClientSampleId :



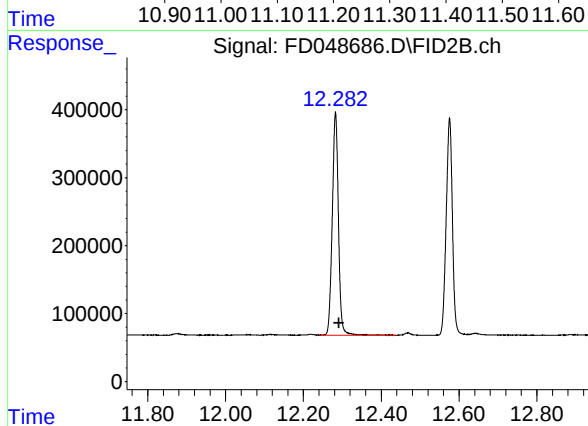
#10 Anthracene (C19.43)

R.T.: 10.554 min
Delta R.T.: -0.010 min
Response: 2613389
Conc: 16.34 ug/ml



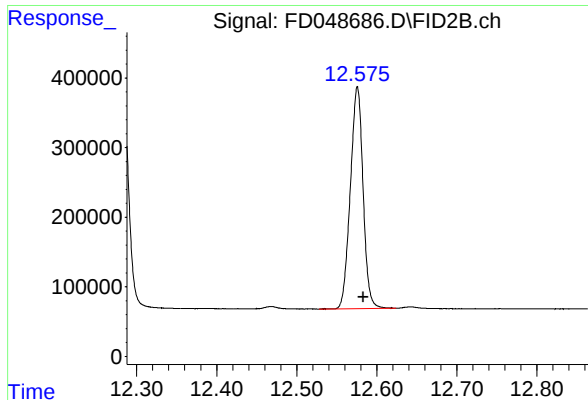
#11 ortho-Terphenyl (SURR)

R.T.: 11.252 min
Delta R.T.: -0.005 min
Response: 3665698
Conc: 21.52 ug/ml



#12 Fluoranthene (C21.85)

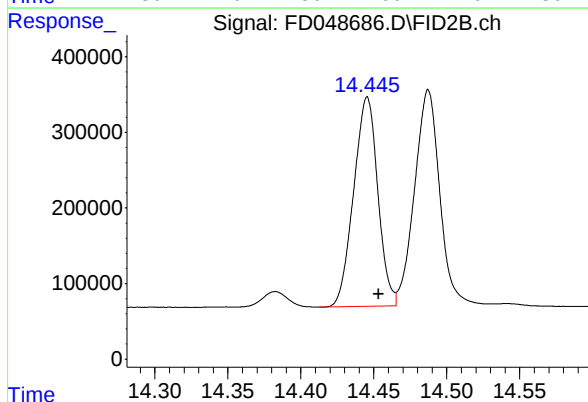
R.T.: 12.283 min
Delta R.T.: -0.009 min
Response: 3617397
Conc: 21.98 ug/ml



#13 Pyrene (C20.8)

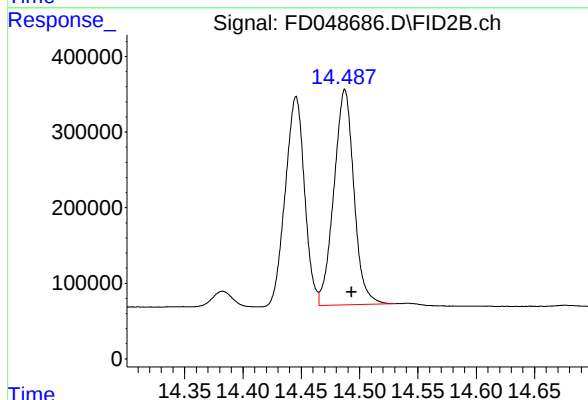
R.T.: 12.576 min
Delta R.T.: -0.008 min
Response: 3519943
Conc: 21.85 ug/ml

Instrument :
FID_D
ClientSampleId :



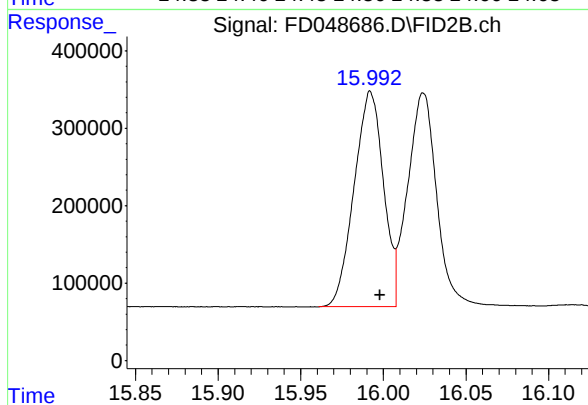
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.445 min
Delta R.T.: -0.008 min
Response: 3184930
Conc: 21.78 ug/ml



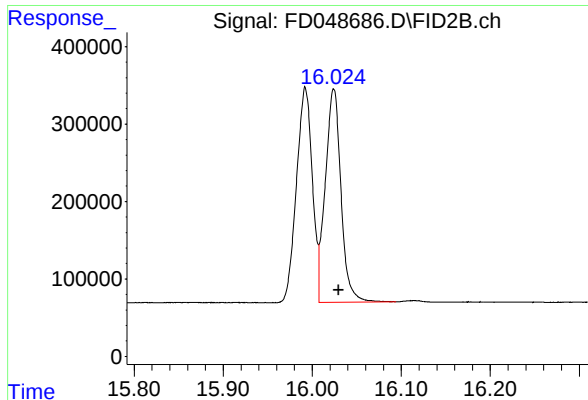
#15 Chrysene (C27.41)

R.T.: 14.487 min
Delta R.T.: -0.006 min
Response: 3398424
Conc: 20.66 ug/ml



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

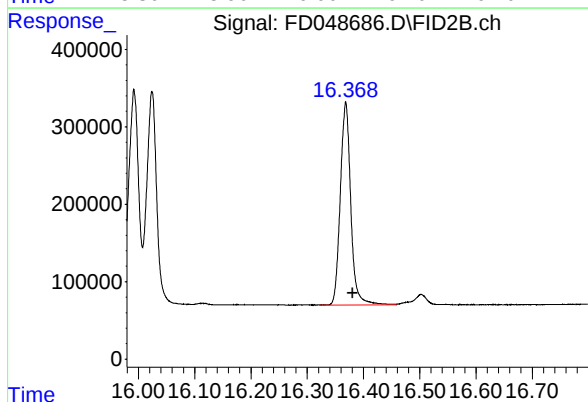
R.T.: 15.992 min
Delta R.T.: -0.006 min
Response: 3430253
Conc: 22.56 ug/ml



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

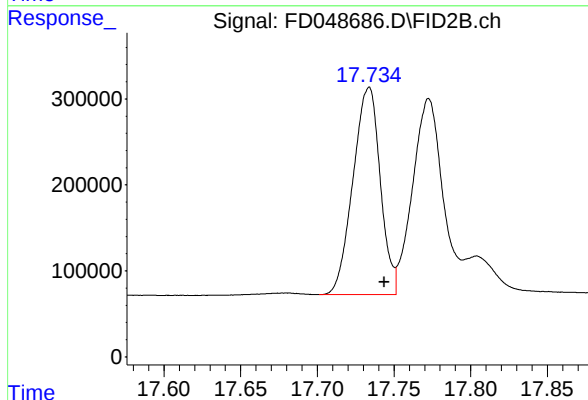
R.T.: 16.024 min
Delta R.T.: -0.006 min
Response: 3374820
Conc: 22.45 ug/ml

Instrument :
FID_D
ClientSampleId :



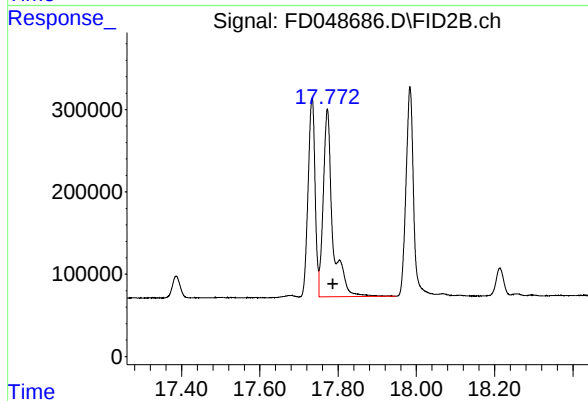
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.368 min
Delta R.T.: -0.012 min
Response: 3386443
Conc: 22.50 ug/ml



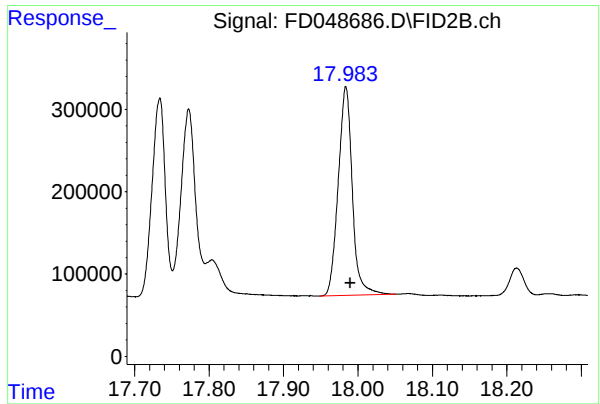
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.733 min
Delta R.T.: -0.011 min
Response: 2982713
Conc: 22.86 ug/ml



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

R.T.: 17.772 min
Delta R.T.: -0.014 min
Response: 3835072
Conc: 23.57 ug/ml



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

R.T.: 17.984 min
Delta R.T.: -0.006 min
Response: 3329639
Conc: 21.75 ug/ml

Instrument :
FID_D
ClientSampleId :