

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD111524AR\
 Data File : FD048745.D
 Signal(s) : FID2B.ch
 Acq On : 15 Nov 2024 15:13
 Operator : YP/AJ
 Sample : P4839-07MS
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Nov 16 09:50:41 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 111424.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 14 14:16:25 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...	7.369	10183585	57.842 ug/ml
Spiked Amount 50.000		Recovery =	115.68%
6) S 2-Fluorobiphenyl (SURR)	8.219	6430303	55.833 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	111.67%
11) S ortho-Terphenyl (SURR)	11.254	7269909	37.798 ug/ml
Spiked Amount 50.000		Recovery =	75.60%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.191	7146736	37.921 ug/ml
2) T Naphthalene (C11.7)	5.708	10035412	51.313 ug/ml
3) T 2-Methylnaphthalene (...)	6.756	10000465	52.330 ug/ml
5) T Acenaphthylene (C15.06)	8.024	11161388	57.555 ug/ml
7) T Acenaphthene (C15.5)	8.319	11861677	61.669 ug/ml
8) T Flouorene (C16.55)	9.097	11725292	61.116 ug/ml
9) T Phenanthrene (C19.36)	10.485	11506881	62.775 ug/ml
10) T Anthracene (C19.43)	10.562	11240209	60.021 ug/ml
12) T Fluoranthene (C21.85)	12.291	11865540	64.796 ug/ml
13) T Pyrene (C20.8)	12.584	11093463	61.360 ug/ml
14) T Benzo[a]anthracene (C...	14.455	10524699	63.979 ug/ml
15) T Chrysene (C27.41)	14.500	10330158	59.025 ug/ml
16) T benzo[b]fluoranthene ...	16.003	10124898	64.441 ug/ml
17) T Bnezo[k]fluoranthene ...	16.039	9975437	61.125 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.380	9530995	63.925 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.748	9521801	77.081 ug/ml
20) T Dibenz[a,h]anthracene...	17.785	8855920	56.474 ug/ml
21) T Benzo[g,h,i]perylene ...	18.001	8963303	62.818 ug/ml

(f)=RT Delta > 1/2 Window

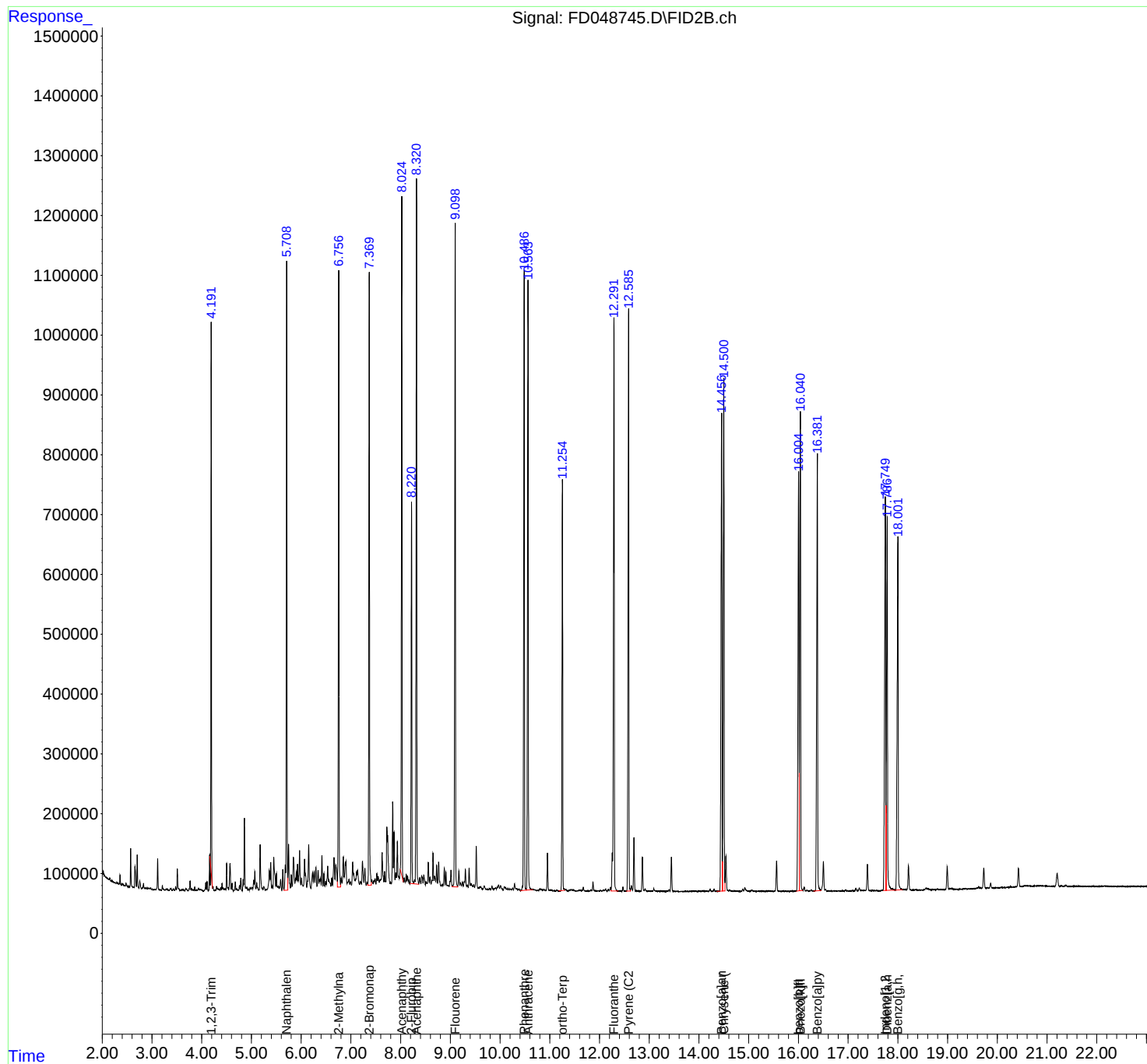
(m)=manual int.

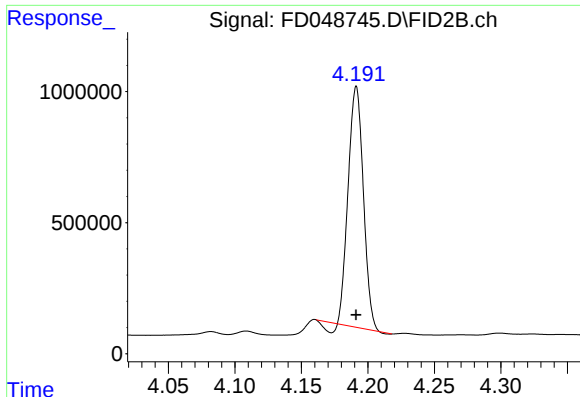
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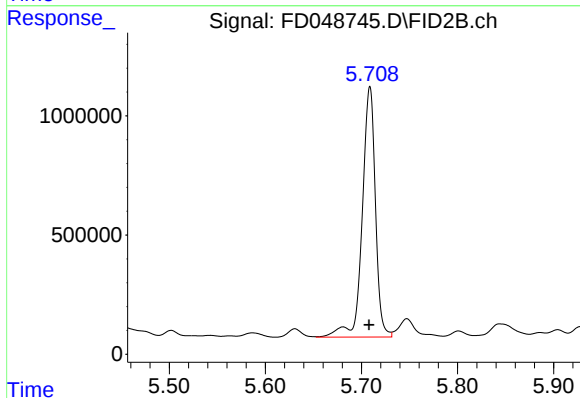




#1 1,2,3-Trimethylbenzene (C10.1)

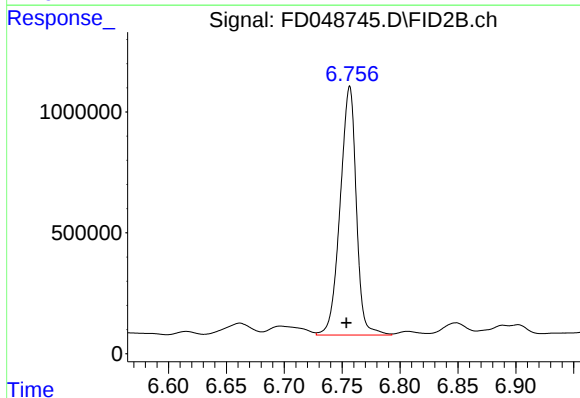
R.T.: 4.191 min
Delta R.T.: 0.000 min
Response: 7146736
Conc: 37.92 ug/ml

Instrument :
FID_D
ClientSampleId :



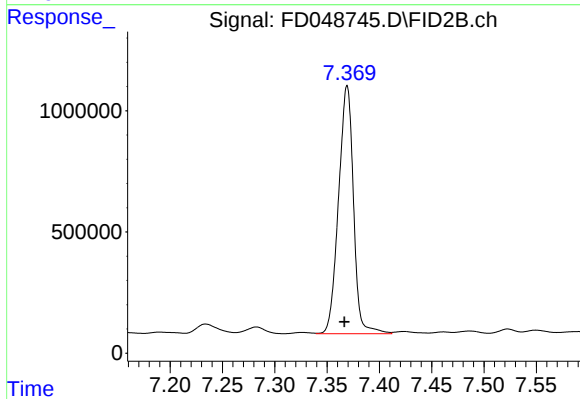
#2 Naphthalene (C11.7)

R.T.: 5.708 min
Delta R.T.: 0.000 min
Response: 10035412
Conc: 51.31 ug/ml



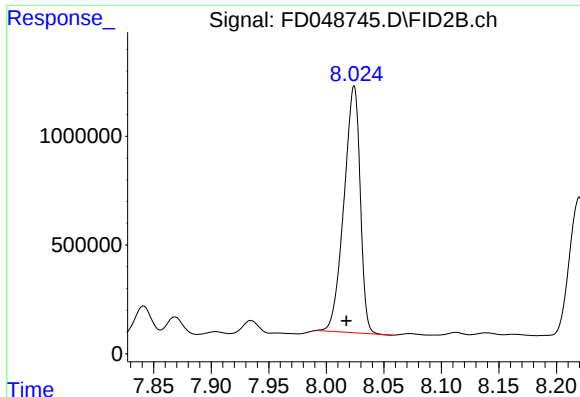
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.756 min
Delta R.T.: 0.003 min
Response: 10000465
Conc: 52.33 ug/ml



#4 2-Bromonaphthalene (SURR)

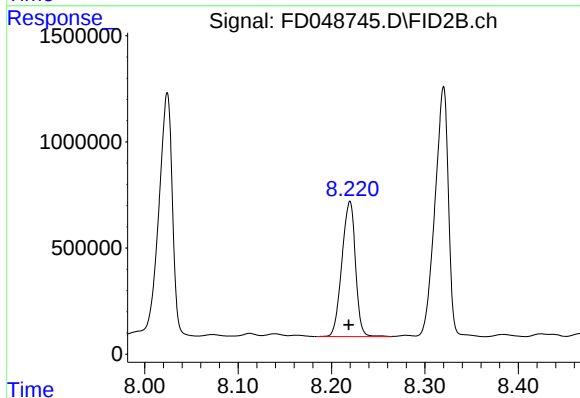
R.T.: 7.369 min
Delta R.T.: 0.002 min
Response: 10183585
Conc: 57.84 ug/ml



#5 Acenaphthylene (C15.06)

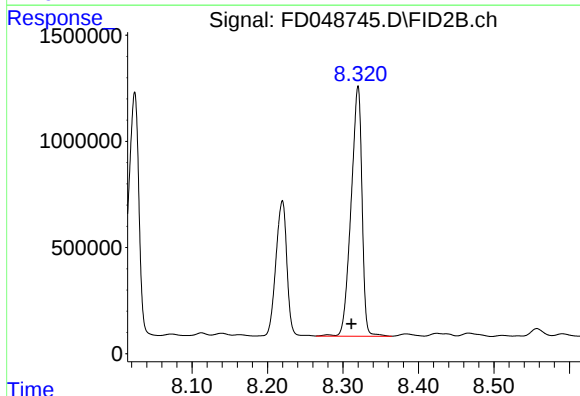
R.T.: 8.024 min
Delta R.T.: 0.006 min
Response: 11161388
Conc: 57.55 ug/ml

Instrument :
FID_D
ClientSampleId :



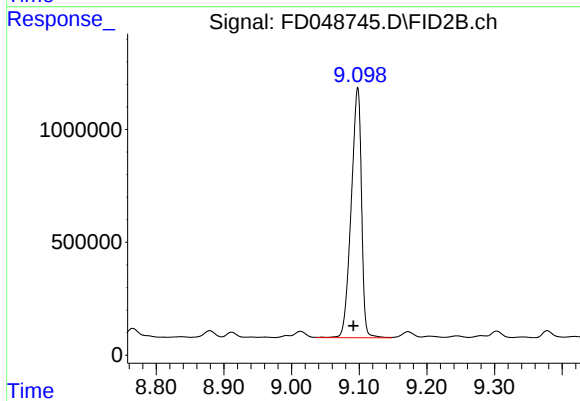
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.219 min
Delta R.T.: 0.000 min
Response: 6430303
Conc: 55.83 ug/ml



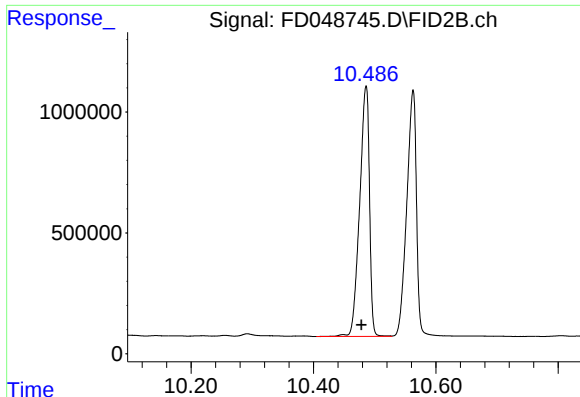
#7 Acenaphthene (C15.5)

R.T.: 8.319 min
Delta R.T.: 0.008 min
Response: 11861677
Conc: 61.67 ug/ml



#8 Fluorene (C16.55)

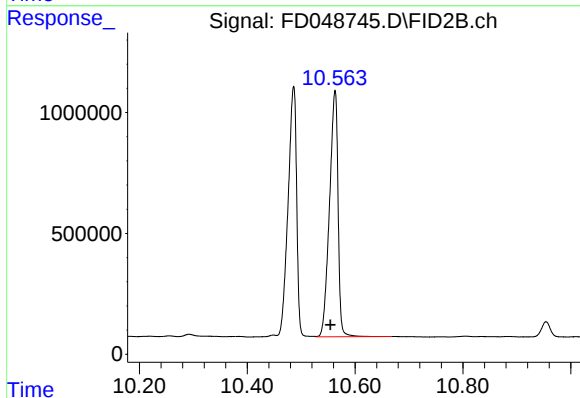
R.T.: 9.097 min
Delta R.T.: 0.006 min
Response: 11725292
Conc: 61.12 ug/ml



#9 Phenanthrene (C19.36)

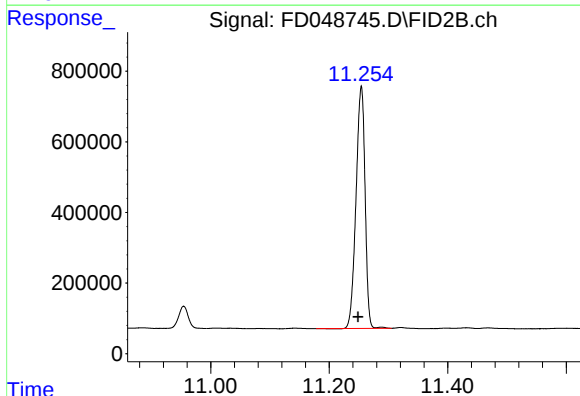
R.T.: 10.485 min
Delta R.T.: 0.007 min
Response: 11506881
Conc: 62.78 ug/ml

Instrument :
FID_D
ClientSampleId :



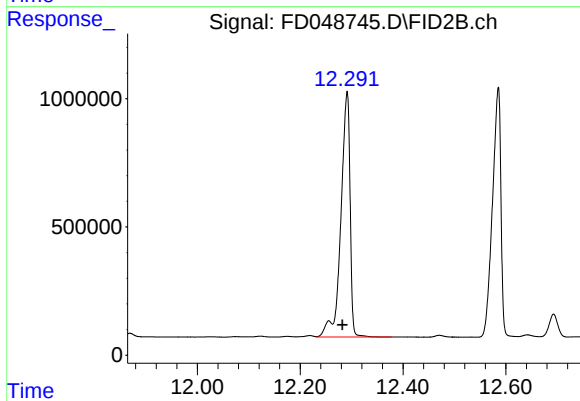
#10 Anthracene (C19.43)

R.T.: 10.562 min
Delta R.T.: 0.008 min
Response: 11240209
Conc: 60.02 ug/ml



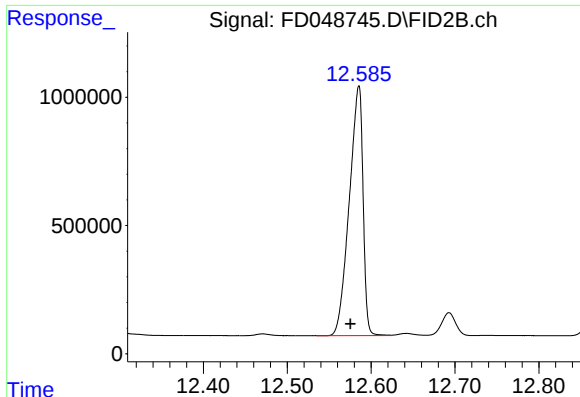
#11 ortho-Terphenyl (SURR)

R.T.: 11.254 min
Delta R.T.: 0.005 min
Response: 7269909
Conc: 37.80 ug/ml



#12 Fluoranthene (C21.85)

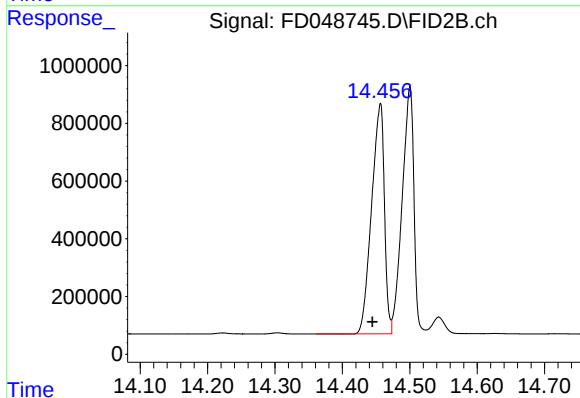
R.T.: 12.291 min
Delta R.T.: 0.008 min
Response: 11865540
Conc: 64.80 ug/ml



#13 Pyrene (C20.8)

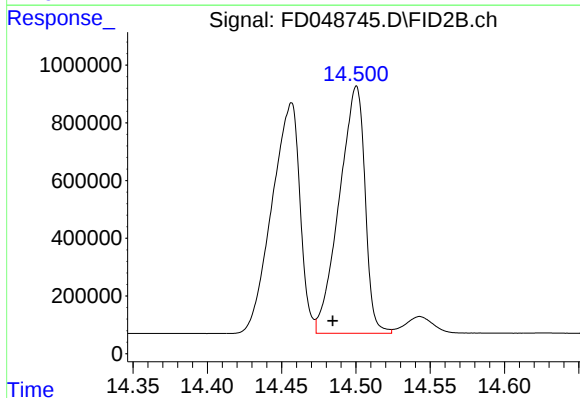
R.T.: 12.584 min
Delta R.T.: 0.009 min
Response: 11093463
Conc: 61.36 ug/ml

Instrument :
FID_D
ClientSampleId :



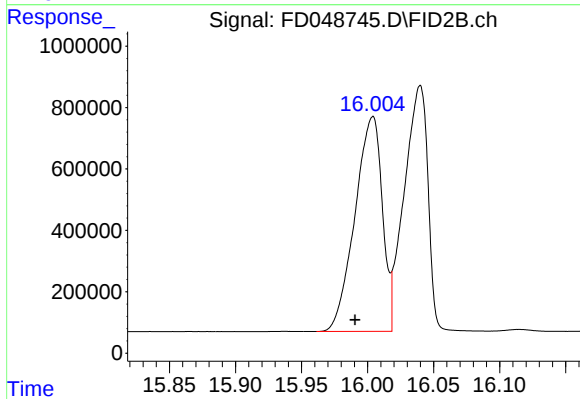
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.455 min
Delta R.T.: 0.011 min
Response: 10524699
Conc: 63.98 ug/ml



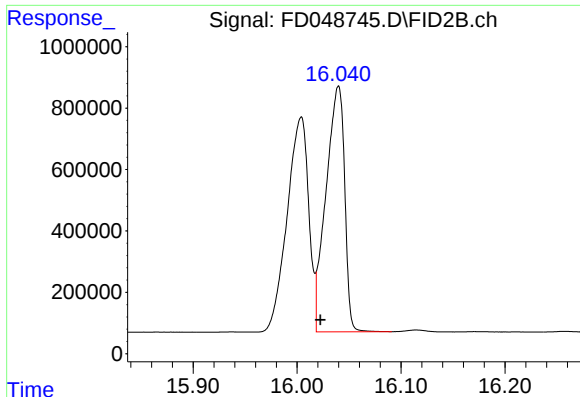
#15 Chrysene (C27.41)

R.T.: 14.500 min
Delta R.T.: 0.015 min
Response: 10330158
Conc: 59.02 ug/ml



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

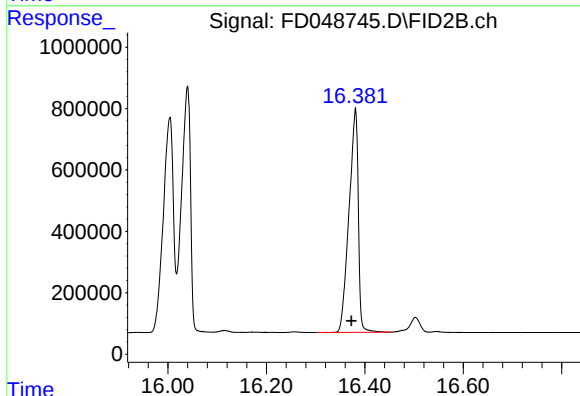
R.T.: 16.003 min
Delta R.T.: 0.013 min
Response: 10124898
Conc: 64.44 ug/ml



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

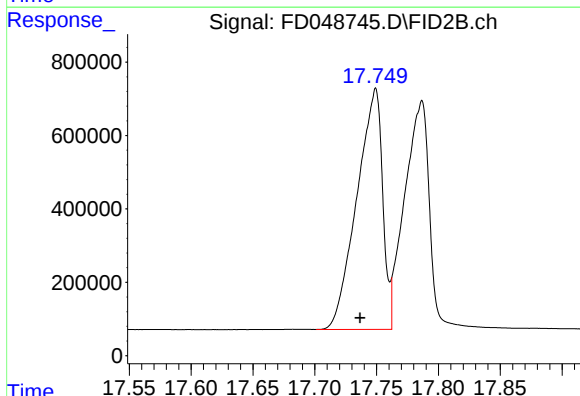
R.T.: 16.039 min
Delta R.T.: 0.017 min
Response: 9975437
Conc: 61.13 ug/ml

Instrument :
FID_D
ClientSampleId :



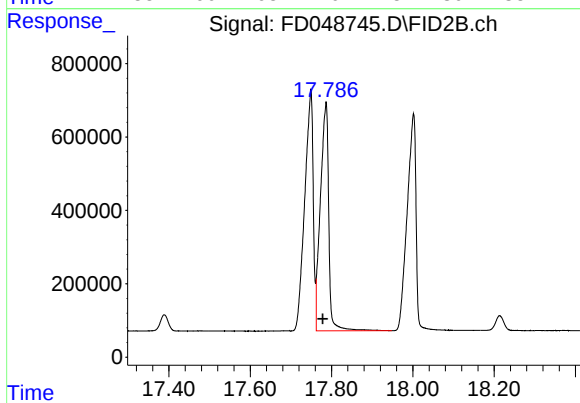
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.380 min
Delta R.T.: 0.008 min
Response: 9530995
Conc: 63.92 ug/ml



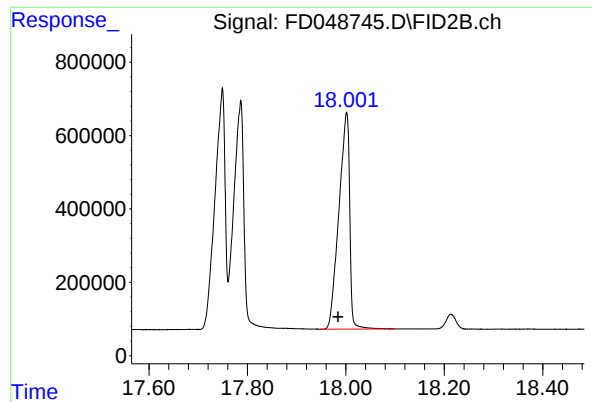
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.748 min
Delta R.T.: 0.011 min
Response: 9521801
Conc: 77.08 ug/ml



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

R.T.: 17.785 min
Delta R.T.: 0.007 min
Response: 8855920
Conc: 56.47 ug/ml



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

R.T.: 18.001 min
Delta R.T.: 0.016 min
Response: 8963303
Conc: 62.82 ug/ml

Instrument :

FID_D

ClientSampleId :