

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD112724AR\
 Data File : FD048832.D
 Signal(s) : FID2B.ch
 Acq On : 27 Nov 2024 14:14
 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 28 02:45:06 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...	7.362	3738753	21.236 ug/ml
Spiked Amount 50.000		Recovery =	42.47%
6) S 2-Fluorobiphenyl (SURR)	8.213	2476601	21.504 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	43.01%
11) S ortho-Terphenyl (SURR)	11.248	4217243	21.926 ug/ml
Spiked Amount 50.000		Recovery =	43.85%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.186	4208498	22.331 ug/ml
2) T Naphthalene (C11.7)	5.703	4378842	22.390 ug/ml
3) T 2-Methylnaphthalene (...)	6.750	4386967	22.956 ug/ml
5) T Acenaphthylene (C15.06)	8.015	4246212	21.896 ug/ml
7) T Acenaphthene (C15.5)	8.310	4330850	22.516 ug/ml
8) T Flouorene (C16.55)	9.088	4212228	21.956 ug/ml
9) T Phenanthrene (C19.36)	10.475	4084375	22.282 ug/ml
10) T Anthracene (C19.43)	10.551	3324203	17.751 ug/ml
12) T Fluoranthene (C21.85)	12.279	4119144	22.494 ug/ml
13) T Pyrene (C20.8)	12.572	3920246	21.684 ug/ml
14) T Benzo[a]anthracene (C...	14.441	3519461	21.395 ug/ml
15) T Chrysene (C27.41)	14.483	3851253	22.005 ug/ml
16) T benzo[b]fluoranthene ...	15.989	3375031	21.481 ug/ml
17) T Bnezo[k]fluoranthene ...	16.020	3606585	22.100 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.365	3242503	21.748 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.730	2714706	21.976 ug/ml
20) T Dibenz[a,h]anthracene...	17.768	3624462	23.113 ug/ml
21) T Benzo[g,h,i]perylene ...	17.980	2986444	20.930 ug/ml

(f)=RT Delta > 1/2 Window

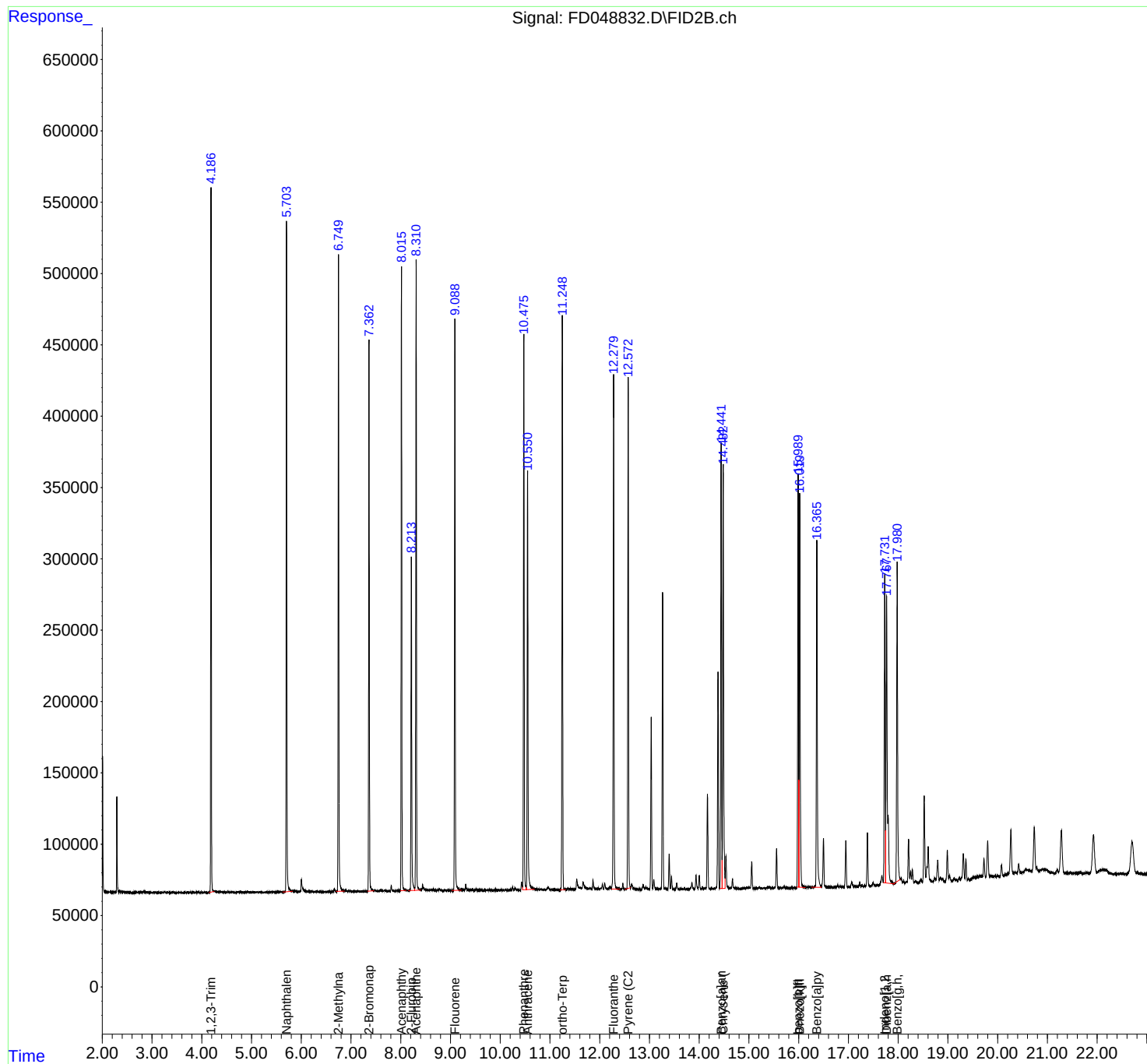
(m)=manual int.

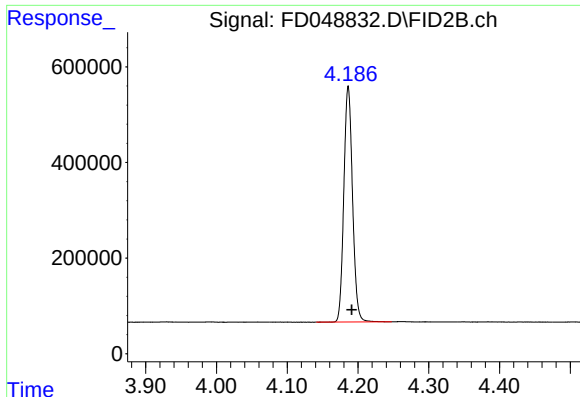
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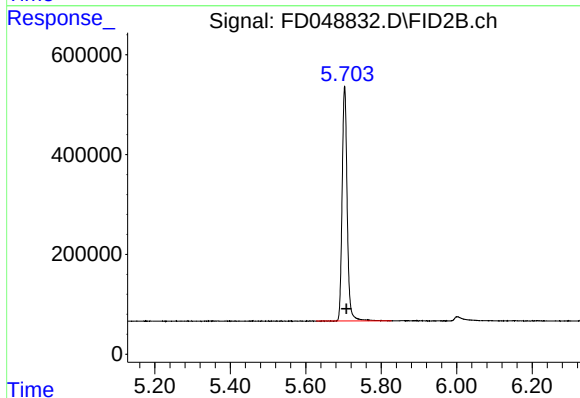




#1 1,2,3-Trimethylbenzene (C10.1)

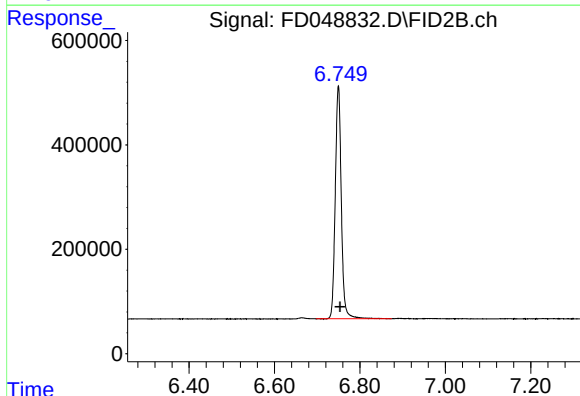
R.T.: 4.186 min
Delta R.T.: -0.005 min
Response: 4208498
Conc: 22.33 ug/ml

Instrument :
FID_D
ClientSampleId :



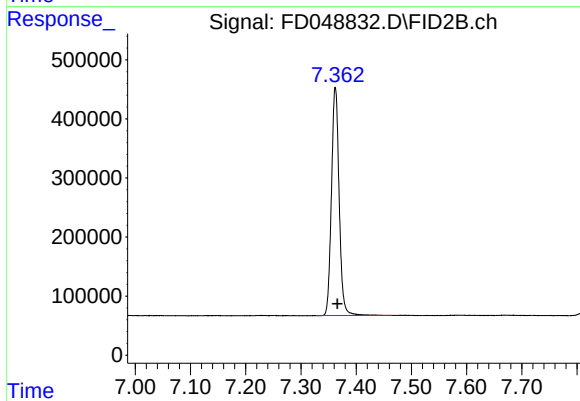
#2 Naphthalene (C11.7)

R.T.: 5.703 min
Delta R.T.: -0.005 min
Response: 4378842
Conc: 22.39 ug/ml



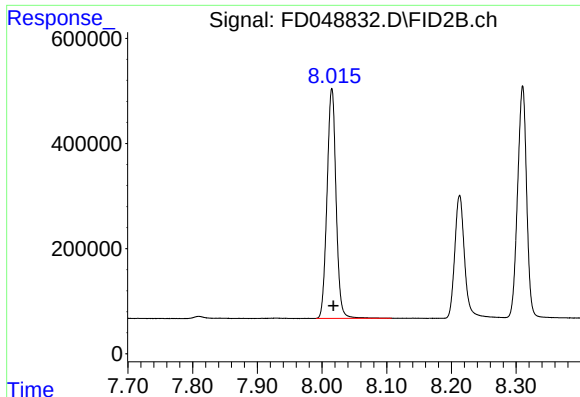
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.750 min
Delta R.T.: -0.004 min
Response: 4386967
Conc: 22.96 ug/ml



#4 2-Bromonaphthalene (SURR)

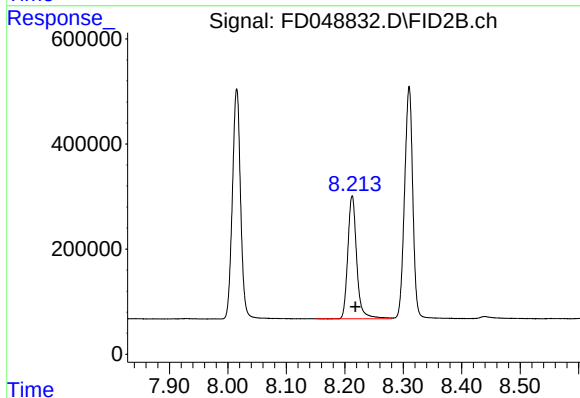
R.T.: 7.362 min
Delta R.T.: -0.004 min
Response: 3738753
Conc: 21.24 ug/ml



#5 Acenaphthylene (C15.06)

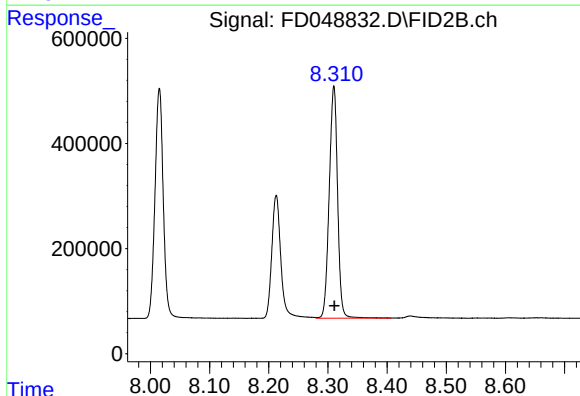
R.T.: 8.015 min
Delta R.T.: -0.003 min
Response: 4246212
Conc: 21.90 ug/ml

Instrument :
FID_D
ClientSampleId :



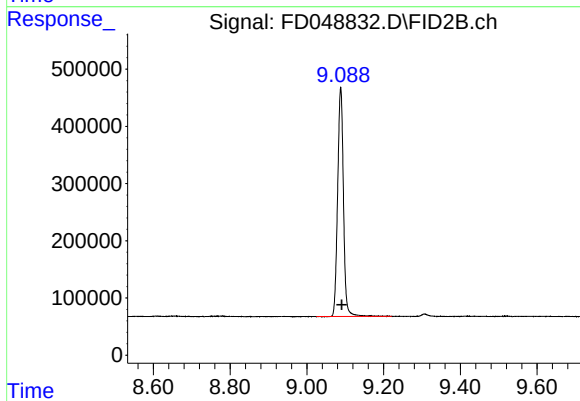
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.213 min
Delta R.T.: -0.006 min
Response: 2476601
Conc: 21.50 ug/ml



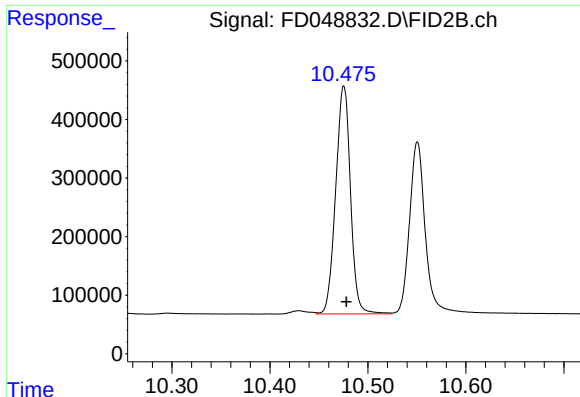
#7 Acenaphthene (C15.5)

R.T.: 8.310 min
Delta R.T.: -0.001 min
Response: 4330850
Conc: 22.52 ug/ml



#8 Flouorene (C16.55)

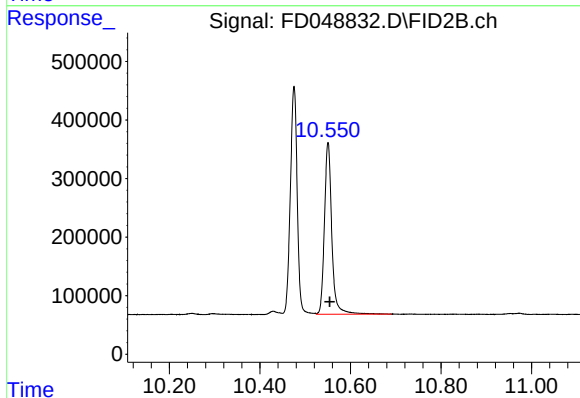
R.T.: 9.088 min
Delta R.T.: -0.003 min
Response: 4212228
Conc: 21.96 ug/ml



#9 Phenanthrene (C19.36)

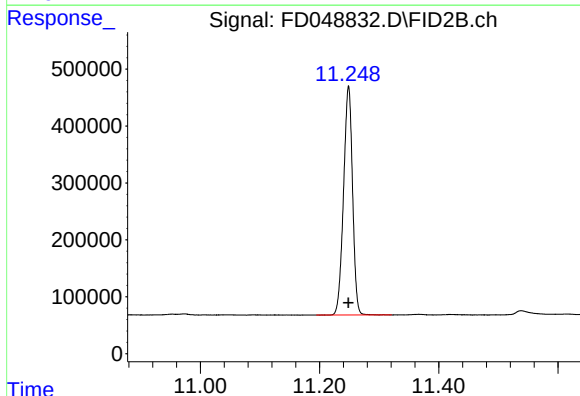
R.T.: 10.475 min
Delta R.T.: -0.003 min
Response: 4084375
Conc: 22.28 ug/ml

Instrument :
FID_D
ClientSampleId :



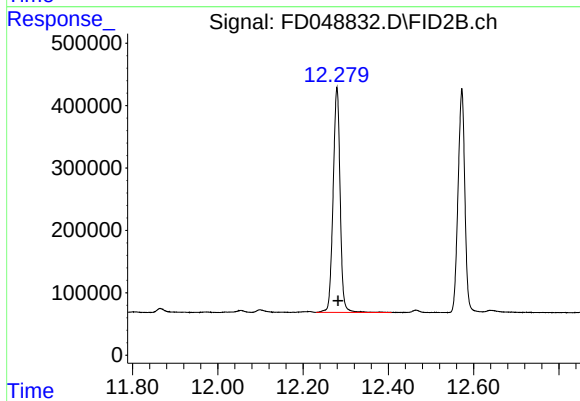
#10 Anthracene (C19.43)

R.T.: 10.551 min
Delta R.T.: -0.004 min
Response: 3324203
Conc: 17.75 ug/ml



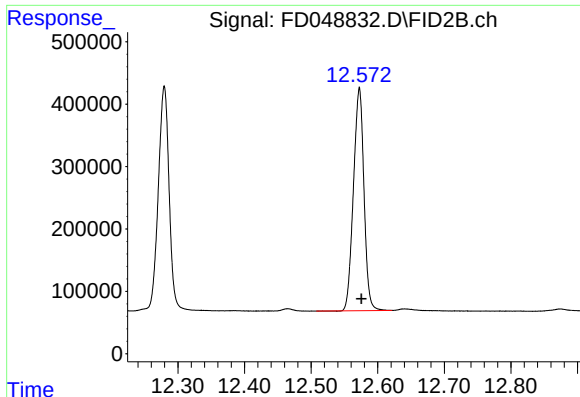
#11 ortho-Terphenyl (SURR)

R.T.: 11.248 min
Delta R.T.: 0.000 min
Response: 4217243
Conc: 21.93 ug/ml



#12 Fluoranthene (C21.85)

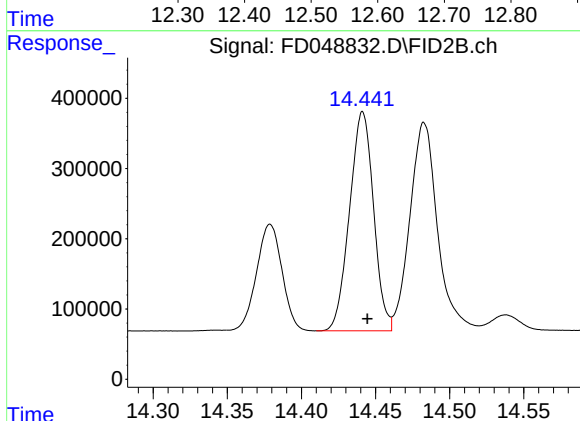
R.T.: 12.279 min
Delta R.T.: -0.003 min
Response: 4119144
Conc: 22.49 ug/ml



#13 Pyrene (C20.8)

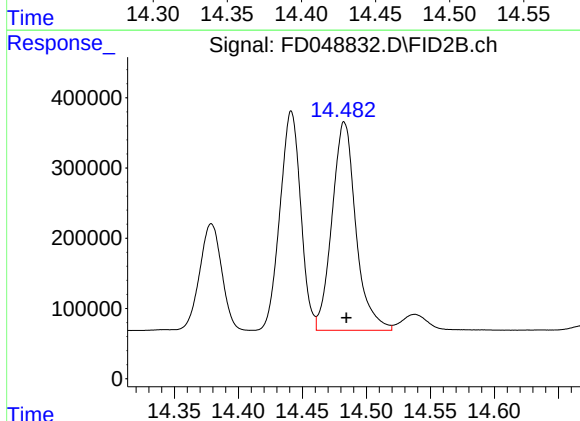
R.T.: 12.572 min
Delta R.T.: -0.003 min
Response: 3920246
Conc: 21.68 ug/ml

Instrument :
FID_D
ClientSampleId :



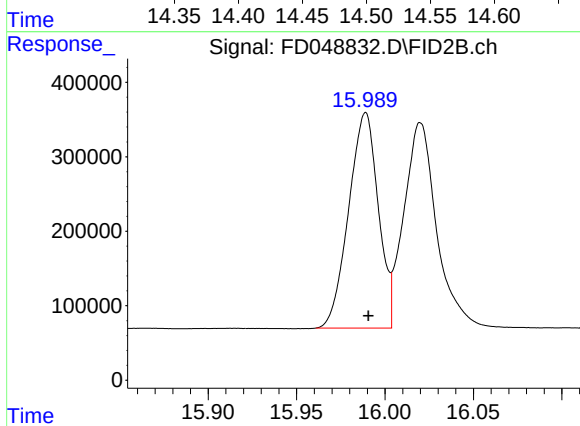
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.441 min
Delta R.T.: -0.003 min
Response: 3519461
Conc: 21.39 ug/ml



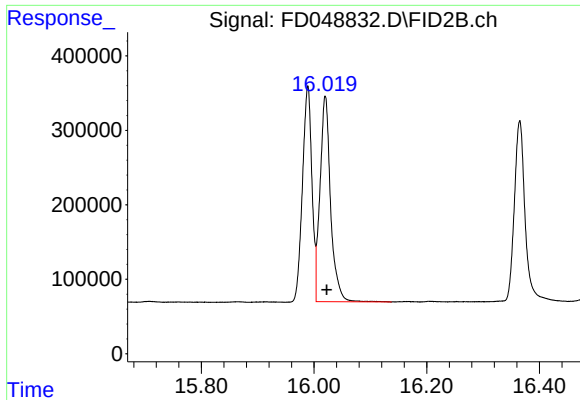
#15 Chrysene (C27.41)

R.T.: 14.483 min
Delta R.T.: -0.002 min
Response: 3851253
Conc: 22.01 ug/ml



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

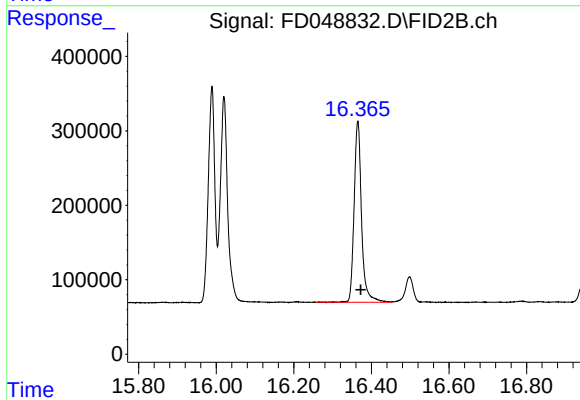
R.T.: 15.989 min
Delta R.T.: -0.002 min
Response: 3375031
Conc: 21.48 ug/ml



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

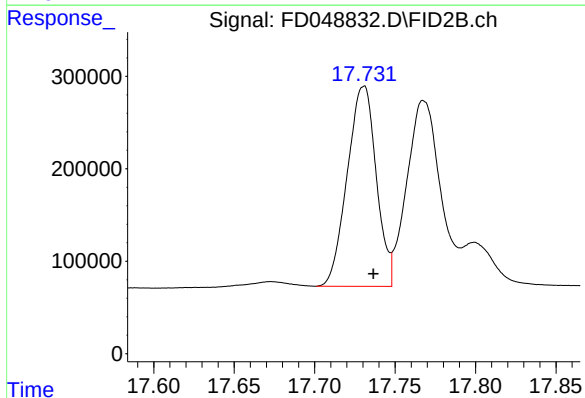
R.T.: 16.020 min
Delta R.T.: -0.002 min
Response: 3606585
Conc: 22.10 ug/ml

Instrument :
FID_D
ClientSampleId :



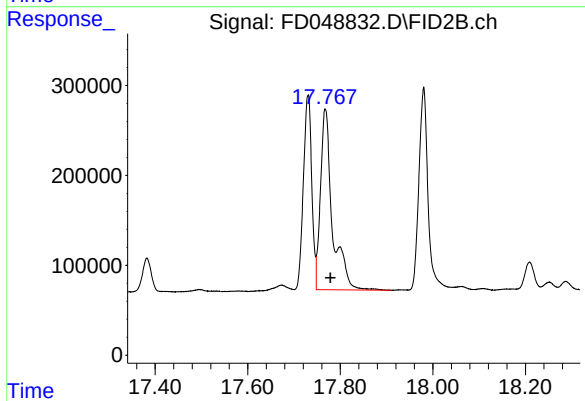
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.365 min
Delta R.T.: -0.008 min
Response: 3242503
Conc: 21.75 ug/ml



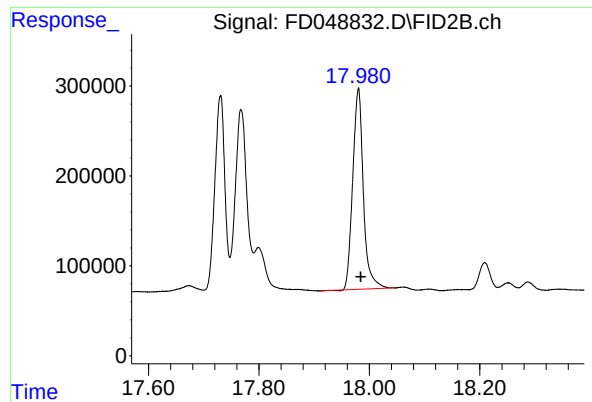
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.730 min
Delta R.T.: -0.006 min
Response: 2714706
Conc: 21.98 ug/ml



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

R.T.: 17.768 min
Delta R.T.: -0.011 min
Response: 3624462
Conc: 23.11 ug/ml



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

R.T.: 17.980 min
Delta R.T.: -0.004 min
Response: 2986444
Conc: 20.93 ug/ml

Instrument :

FID_D

ClientSampleId :