

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100424AR\
 Data File : FD048420.D
 Signal(s) : FID2B.ch
 Acq On : 04 Oct 2024 17:35
 Operator : YP/AJ
 Sample : PB163900BS
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Oct 05 03:42:14 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 093024.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 30 14:17:34 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...	7.381	8267937	49.937 ug/ml
Spiked Amount 50.000		Recovery =	99.87%
6) S 2-Fluorobiphenyl (SURR)	8.231	5389049	51.965 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	103.93%
11) S ortho-Terphenyl (SURR)	11.267	7609162	41.355 ug/ml
Spiked Amount 50.000		Recovery =	82.71%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.204	7135444	40.714 ug/ml
2) T Naphthalene (C11.7)	5.721	8033244	43.025 ug/ml
3) T 2-Methylnaphthalene (...)	6.768	7547216	39.935 ug/ml
5) T Acenaphthylene (C15.06)	8.035	8089539	42.168 ug/ml
7) T Acenaphthene (C15.5)	8.330	8749717	46.257 ug/ml
8) T Flouorene (C16.55)	9.108	8830003	48.873 ug/ml
9) T Phenanthrene (C19.36)	10.496	9049417	51.060 ug/ml
10) T Anthracene (C19.43)	10.572	9181342	51.598 ug/ml
12) T Fluoranthene (C21.85)	12.301	10604757	58.631 ug/ml
13) T Pyrene (C20.8)	12.595	10026904	55.995 ug/ml
14) T Benzo[a]anthracene (C...	14.463	8865261	55.472 ug/ml
15) T Chrysene (C27.41)	14.507	8872724	47.568 ug/ml
16) T benzo[b]fluoranthene ...	16.011	8754666	52.567 ug/ml
17) T Bnezo[k]fluoranthene ...	16.046	8652894	50.975 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.387	8351874	51.100 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.754	8552114	65.015 ug/ml
20) T Dibenz[a,h]anthracene...	17.791	8127401	48.570 ug/ml
21) T Benzo[g,h,i]perylene ...	18.006	7908316	48.689 ug/ml

(f)=RT Delta > 1/2 Window

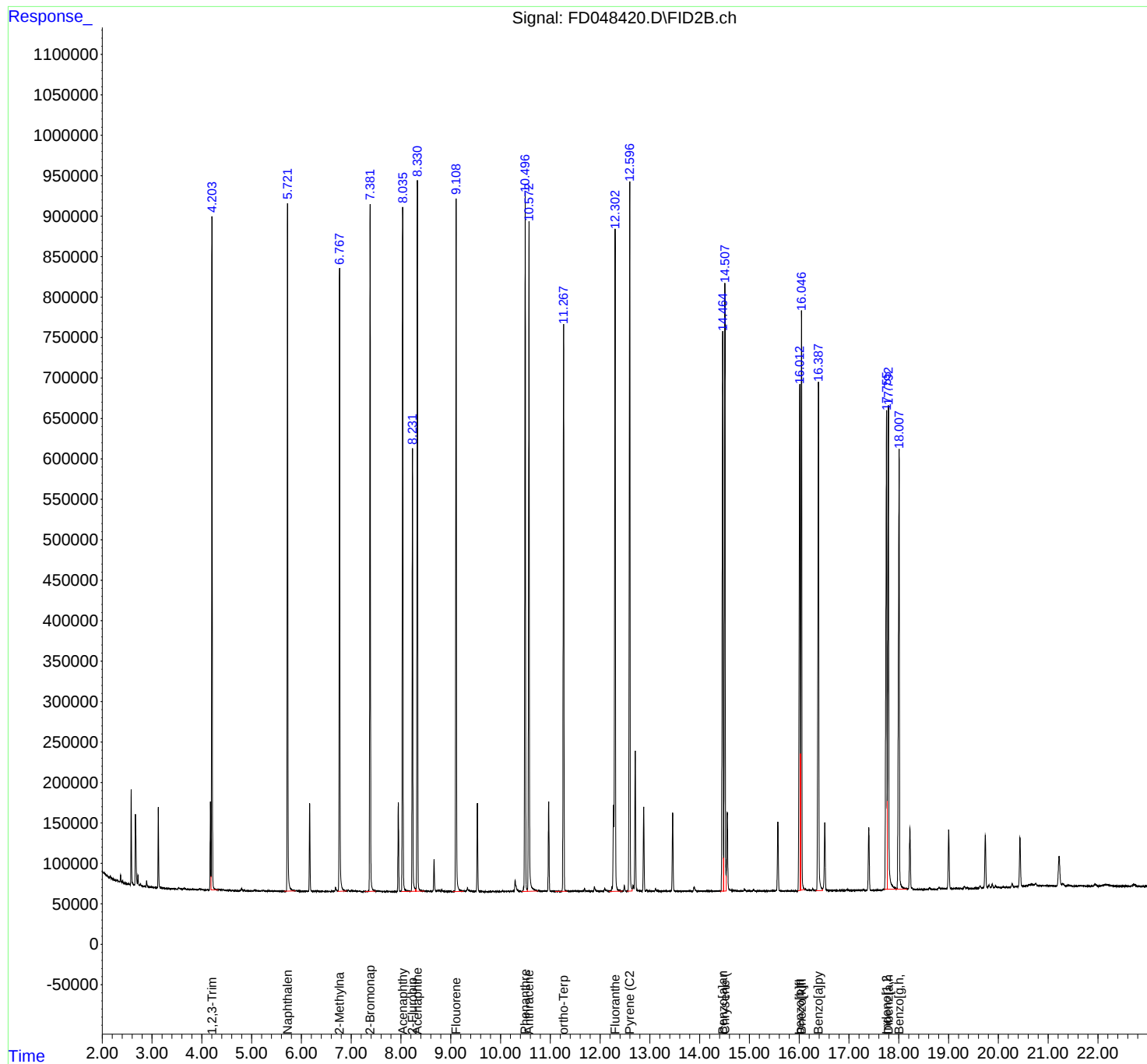
(m)=manual int.

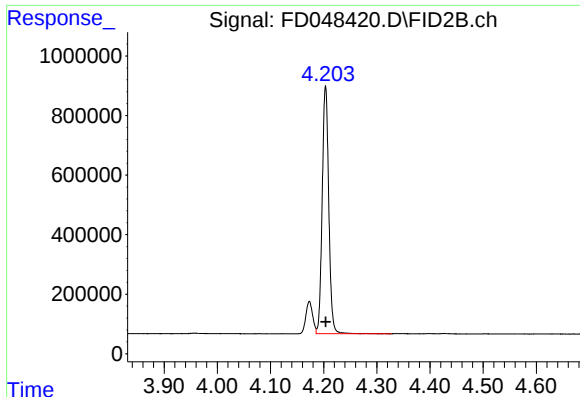
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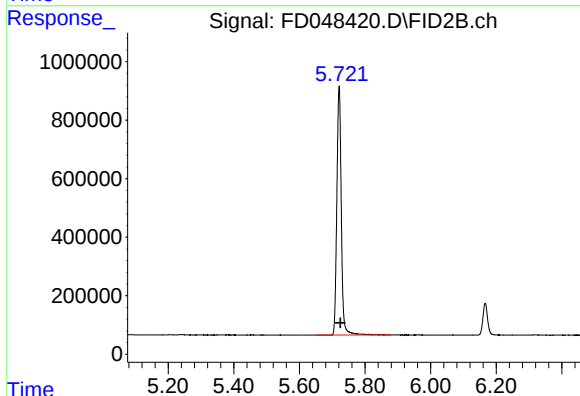




#1 1,2,3-Trimethylbenzene (C10.1)

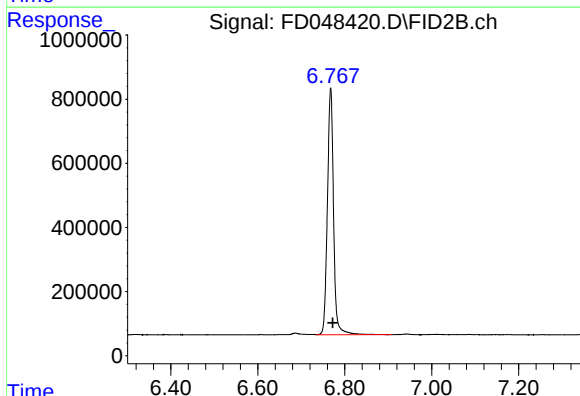
R.T.: 4.204 min
Delta R.T.: 0.000 min
Response: 7135444
Conc: 40.71 ug/ml

Instrument :
FID_D
ClientSampleId :



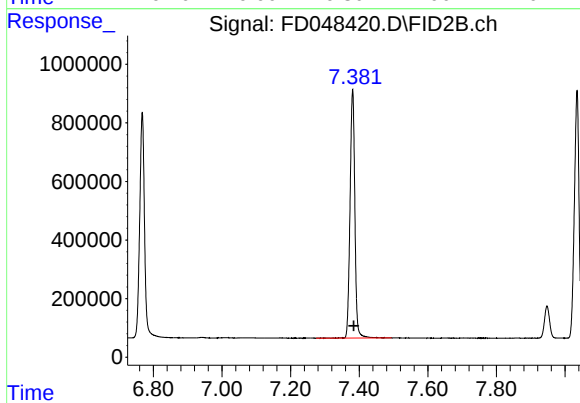
#2 Naphthalene (C11.7)

R.T.: 5.721 min
Delta R.T.: -0.004 min
Response: 8033244
Conc: 43.02 ug/ml



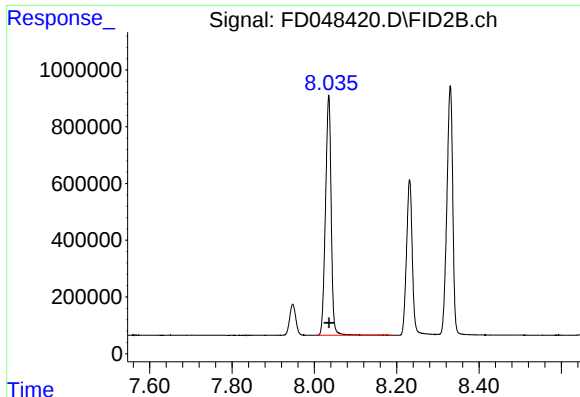
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.768 min
Delta R.T.: -0.005 min
Response: 7547216
Conc: 39.93 ug/ml



#4 2-Bromonaphthalene (SURR)

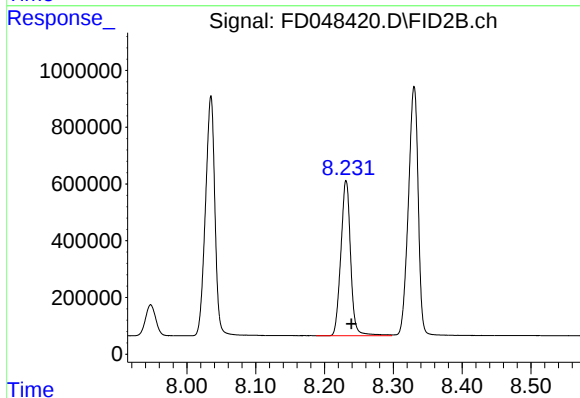
R.T.: 7.381 min
Delta R.T.: -0.004 min
Response: 8267937
Conc: 49.94 ug/ml



#5 Acenaphthylene (C15.06)

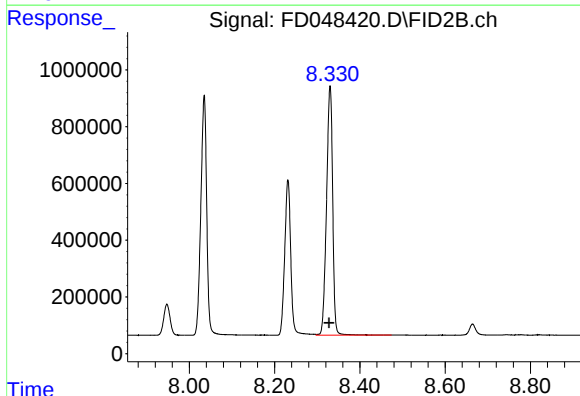
R.T.: 8.035 min
Delta R.T.: 0.000 min
Response: 8089539
Conc: 42.17 ug/ml

Instrument :
FID_D
ClientSampleId :



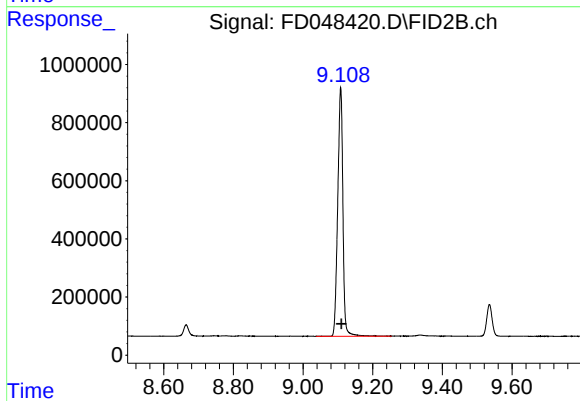
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.231 min
Delta R.T.: -0.008 min
Response: 5389049
Conc: 51.97 ug/ml



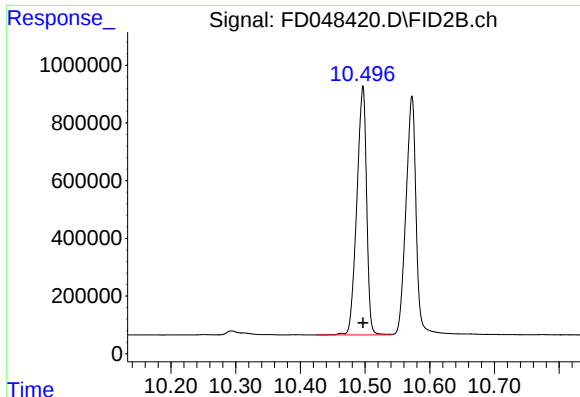
#7 Acenaphthene (C15.5)

R.T.: 8.330 min
Delta R.T.: 0.002 min
Response: 8749717
Conc: 46.26 ug/ml



#8 Flouorene (C16.55)

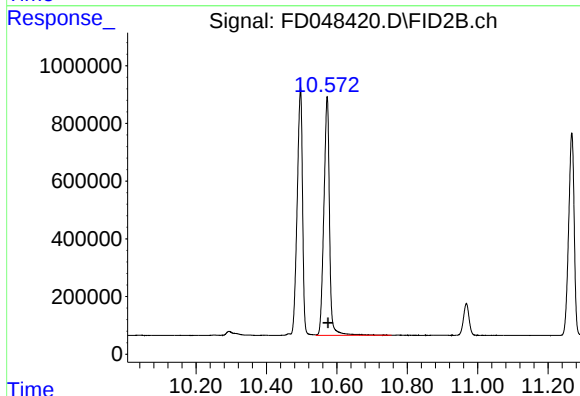
R.T.: 9.108 min
Delta R.T.: -0.003 min
Response: 8830003
Conc: 48.87 ug/ml



#9 Phenanthrene (C19.36)

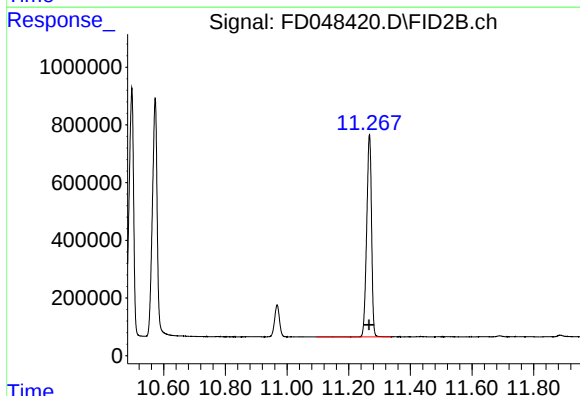
R.T.: 10.496 min
Delta R.T.: 0.000 min
Response: 9049417
Conc: 51.06 ug/ml

Instrument :
FID_D
ClientSampleId :



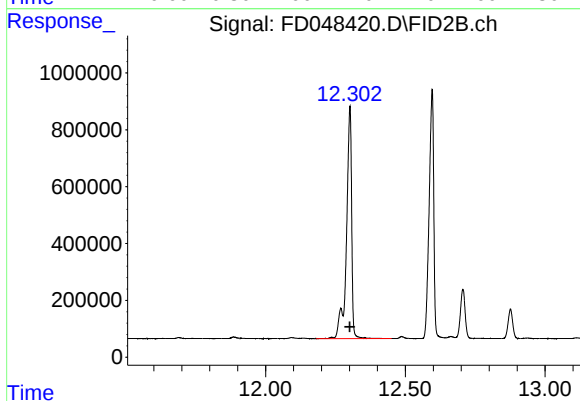
#10 Anthracene (C19.43)

R.T.: 10.572 min
Delta R.T.: -0.003 min
Response: 9181342
Conc: 51.60 ug/ml



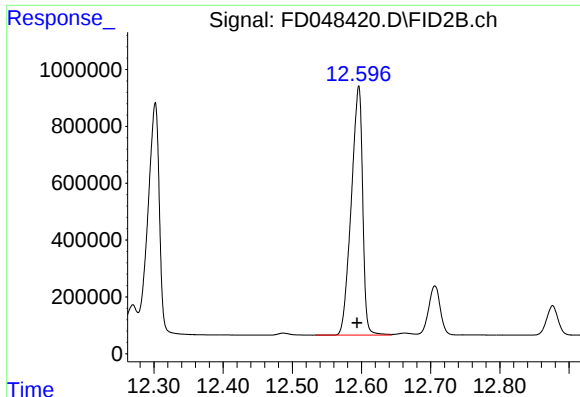
#11 ortho-Terphenyl (SURR)

R.T.: 11.267 min
Delta R.T.: 0.002 min
Response: 7609162
Conc: 41.35 ug/ml



#12 Fluoranthene (C21.85)

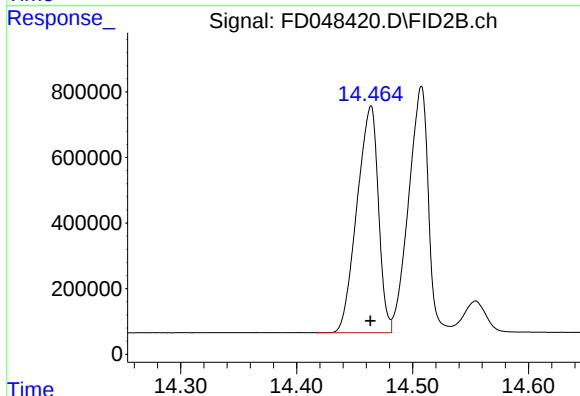
R.T.: 12.301 min
Delta R.T.: 0.000 min
Response: 10604757
Conc: 58.63 ug/ml



#13 Pyrene (C20.8)

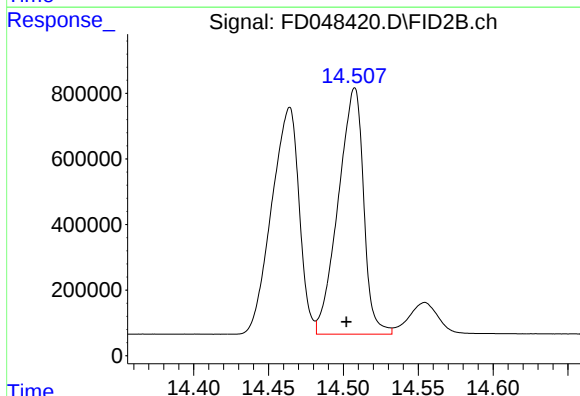
R.T.: 12.595 min
Delta R.T.: 0.002 min
Response: 10026904
Conc: 55.99 ug/ml

Instrument :
FID_D
ClientSampleId :



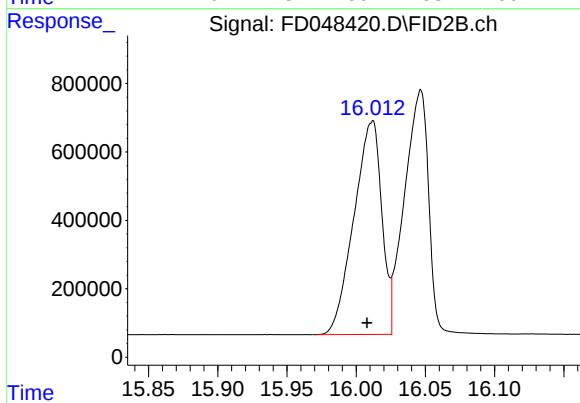
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.463 min
Delta R.T.: 0.000 min
Response: 8865261
Conc: 55.47 ug/ml



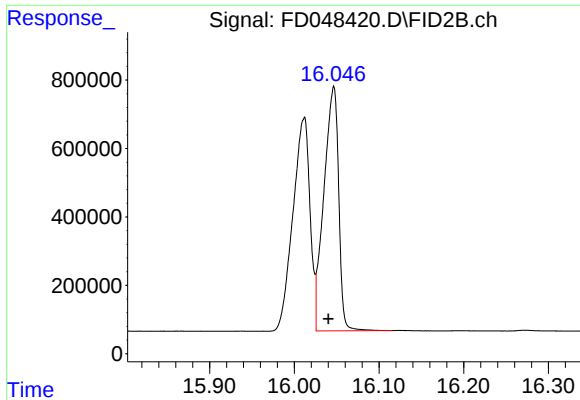
#15 Chrysene (C27.41)

R.T.: 14.507 min
Delta R.T.: 0.005 min
Response: 8872724
Conc: 47.57 ug/ml



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

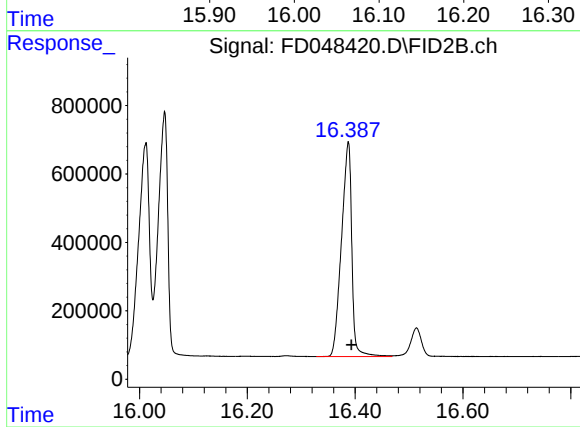
R.T.: 16.011 min
Delta R.T.: 0.003 min
Response: 8754666
Conc: 52.57 ug/ml



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

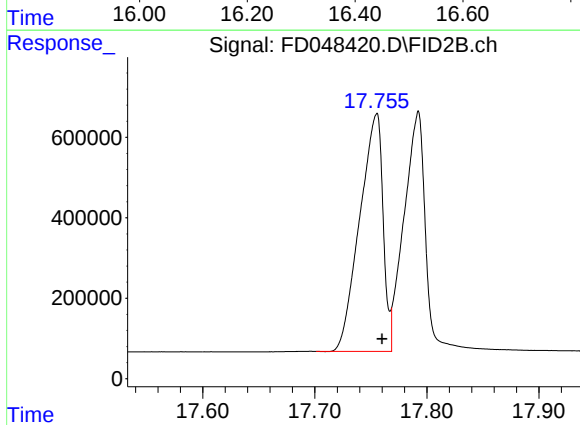
R.T.: 16.046 min
Delta R.T.: 0.006 min
Response: 8652894
Conc: 50.97 ug/ml

Instrument :
FID_D
ClientSampleId :



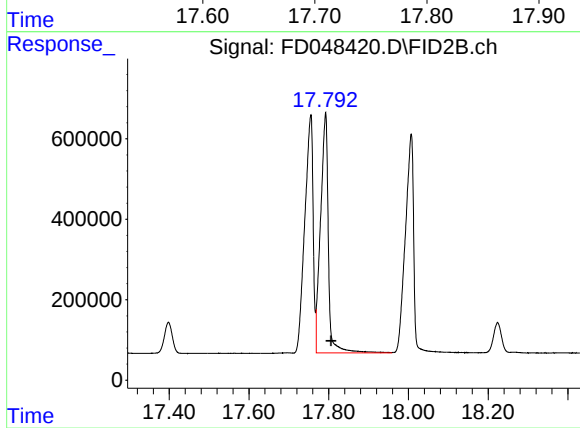
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.387 min
Delta R.T.: -0.006 min
Response: 8351874
Conc: 51.10 ug/ml



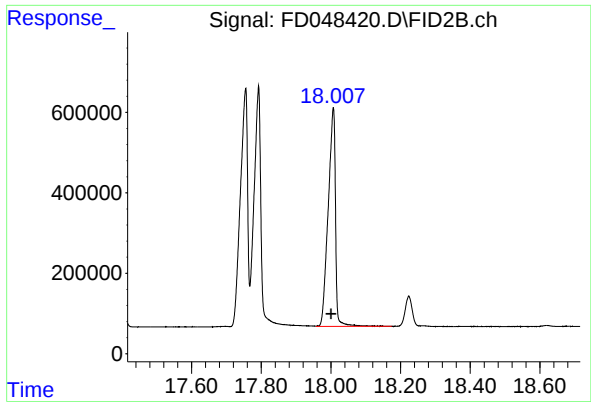
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.754 min
Delta R.T.: -0.006 min
Response: 8552114
Conc: 65.02 ug/ml



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

R.T.: 17.791 min
Delta R.T.: -0.015 min
Response: 8127401
Conc: 48.57 ug/ml



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

R.T.: 18.006 min
Delta R.T.: 0.006 min
Response: 7908316
Conc: 48.69 ug/ml

Instrument :

FID_D

ClientSampleId :