

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022025AR\
 Data File : FD049093.D
 Signal(s) : FID2B.ch
 Acq On : 20 Feb 2025 15:23
 Operator : YP/AJ
 Sample : PB166803BS
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Feb 21 00:23:16 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 021125.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 12 12:54:29 2025
 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...	7.351	7956761	55.599 ug/ml
Spiked Amount 50.000		Recovery =	111.20%
6) S 2-Fluorobiphenyl (SURR)	8.202	5077773	57.760 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	115.52%
11) S ortho-Terphenyl (SURR)	11.236	7600122	46.980 ug/ml
Spiked Amount 50.000		Recovery =	93.96%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.176	5935356	37.270 ug/ml
2) T Naphthalene (C11.7)	5.692	6936979	43.687 ug/ml
3) T 2-Methylnaphthalene (...)	6.739	6771333	43.491 ug/ml
5) T Acenaphthylene (C15.06)	8.004	7781715	47.856 ug/ml
7) T Acenaphthene (C15.5)	8.299	8229337	50.024 ug/ml
8) T Fluorene (C16.55)	9.078	8172054	51.837 ug/ml
9) T Phenanthrene (C19.36)	10.466	8186073	54.320 ug/ml
10) T Anthracene (C19.43)	10.541	8312741	55.041 ug/ml
12) T Fluoranthene (C21.85)	12.271	8401808	54.446 ug/ml
13) T Pyrene (C20.8)	12.564	8241456	53.496 ug/ml
14) T Benzo[a]anthracene (C...	14.434	7790503	59.293 ug/ml
15) T Chrysene (C27.41)	14.477	7698280	47.612 ug/ml
16) T benzo[b]fluoranthene ...	15.985	7764820	56.433 ug/ml
17) T Bnezo[k]fluoranthene ...	16.018	7869158	49.823 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.358	7515943	55.371 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.729	7260102	66.438 ug/ml
20) T Dibenz[a,h]anthracene...	17.764	7616444	49.094 ug/ml
21) T Benzo[g,h,i]perylene ...	17.981	7530555	51.952 ug/ml

(f)=RT Delta > 1/2 Window

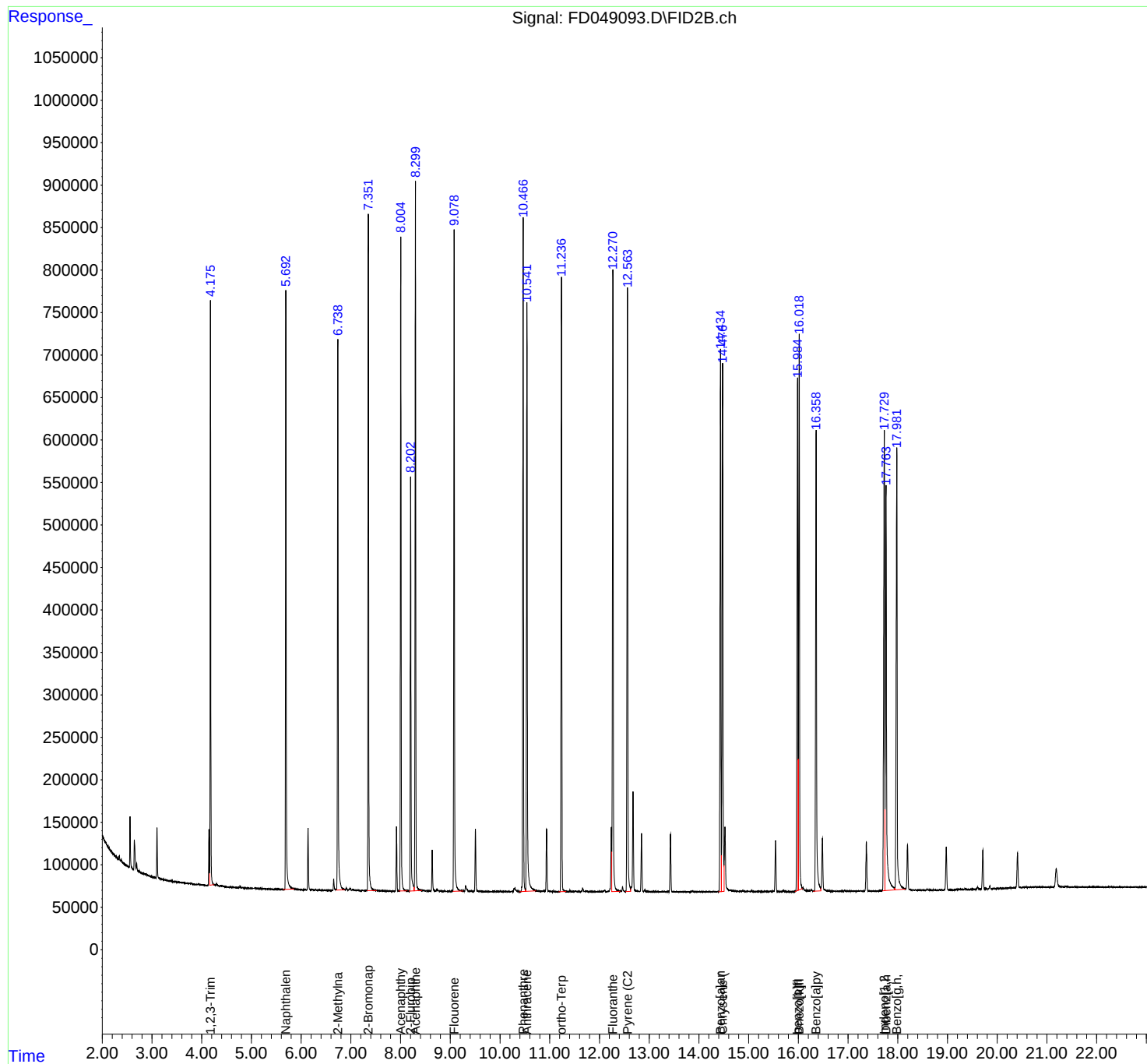
(m)=manual int.

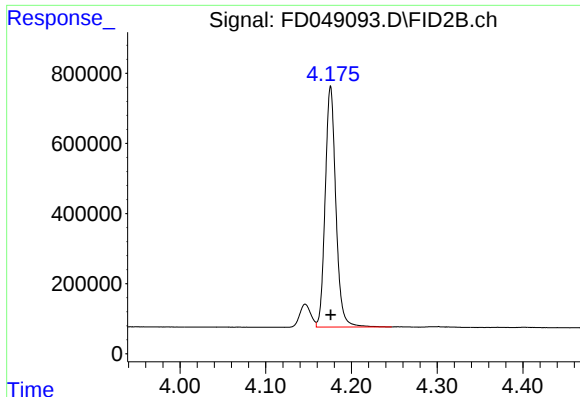
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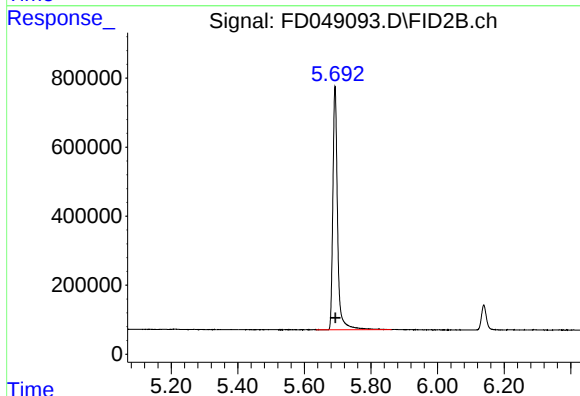




#1 1,2,3-Trimethylbenzene (C10.1)

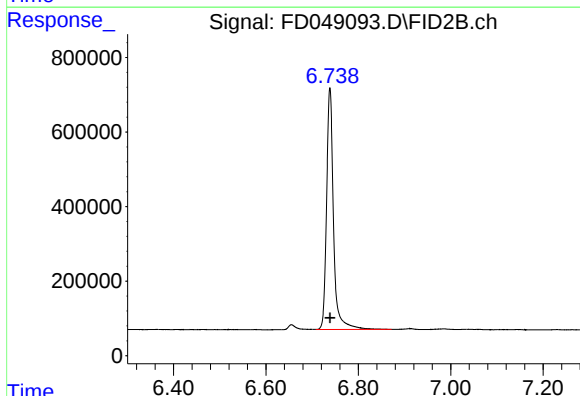
R.T.: 4.176 min
Delta R.T.: 0.000 min
Response: 5935356
Conc: 37.27 ug/ml

Instrument :
FID_D
ClientSampleId :



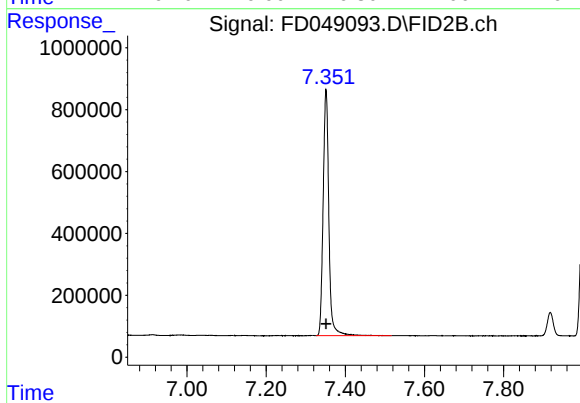
#2 Naphthalene (C11.7)

R.T.: 5.692 min
Delta R.T.: 0.000 min
Response: 6936979
Conc: 43.69 ug/ml



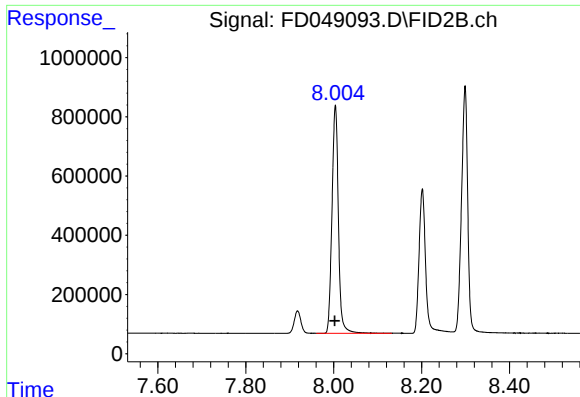
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.739 min
Delta R.T.: 0.000 min
Response: 6771333
Conc: 43.49 ug/ml



#4 2-Bromonaphthalene (SURR)

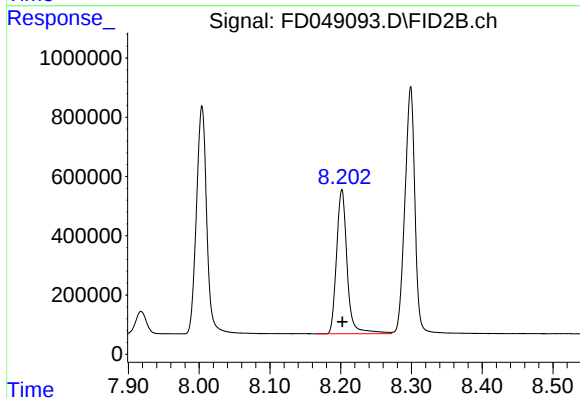
R.T.: 7.351 min
Delta R.T.: 0.000 min
Response: 7956761
Conc: 55.60 ug/ml



#5 Acenaphthylene (C15.06)

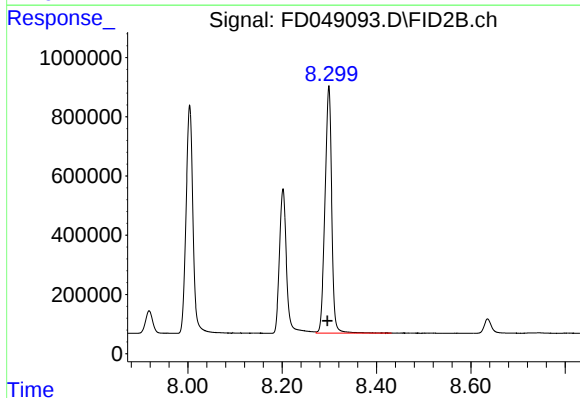
R.T.: 8.004 min
Delta R.T.: 0.001 min
Response: 7781715
Conc: 47.86 ug/ml

Instrument :
FID_D
ClientSampleId :



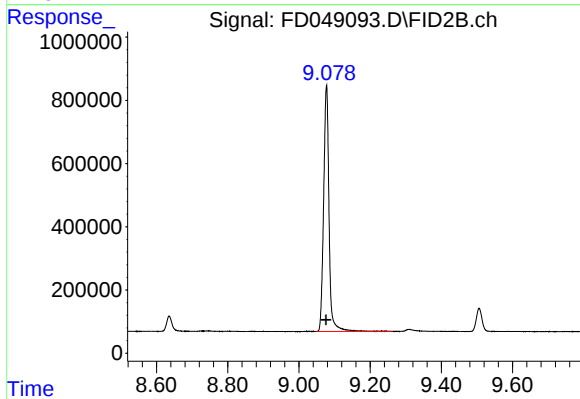
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.202 min
Delta R.T.: 0.000 min
Response: 5077773
Conc: 57.76 ug/ml



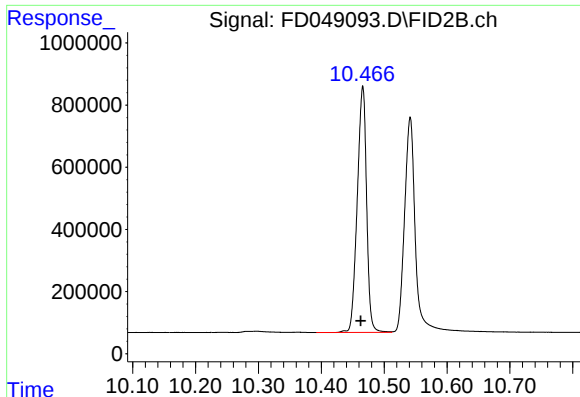
#7 Acenaphthene (C15.5)

R.T.: 8.299 min
Delta R.T.: 0.003 min
Response: 8229337
Conc: 50.02 ug/ml



#8 Fluorene (C16.55)

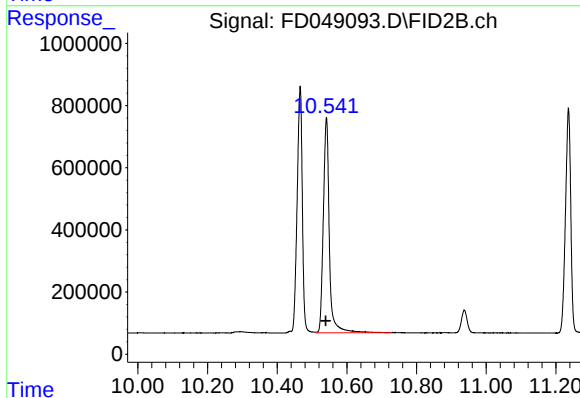
R.T.: 9.078 min
Delta R.T.: 0.001 min
Response: 8172054
Conc: 51.84 ug/ml



#9 Phenanthrene (C19.36)

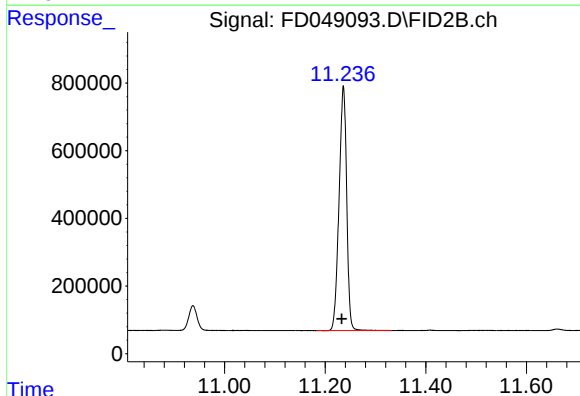
R.T.: 10.466 min
Delta R.T.: 0.003 min
Response: 8186073
Conc: 54.32 ug/ml

Instrument :
FID_D
ClientSampleId :



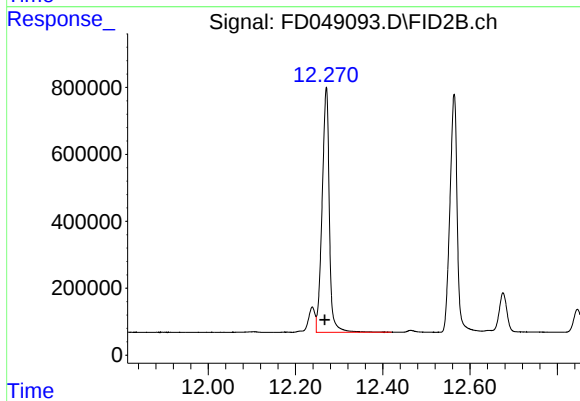
#10 Anthracene (C19.43)

R.T.: 10.541 min
Delta R.T.: 0.002 min
Response: 8312741
Conc: 55.04 ug/ml



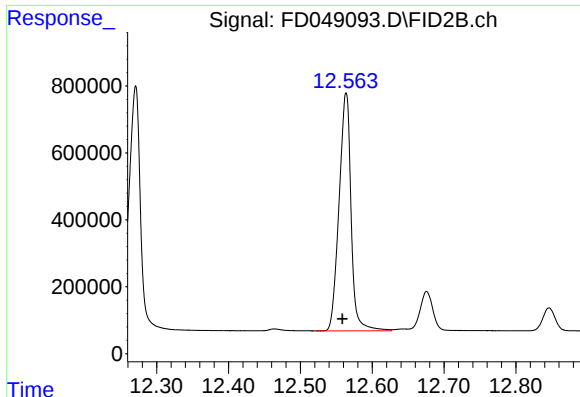
#11 ortho-Terphenyl (SURR)

R.T.: 11.236 min
Delta R.T.: 0.003 min
Response: 7600122
Conc: 46.98 ug/ml



#12 Fluoranthene (C21.85)

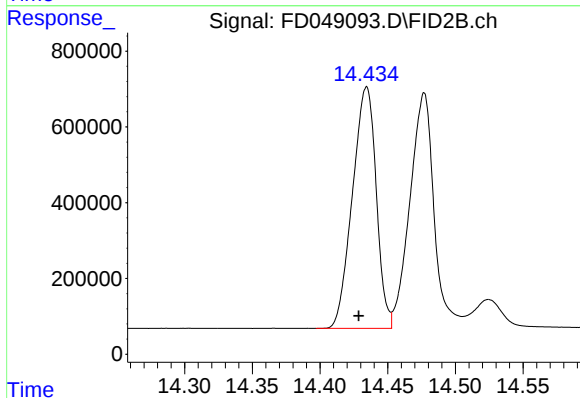
R.T.: 12.271 min
Delta R.T.: 0.004 min
Response: 8401808
Conc: 54.45 ug/ml



#13 Pyrene (C20.8)

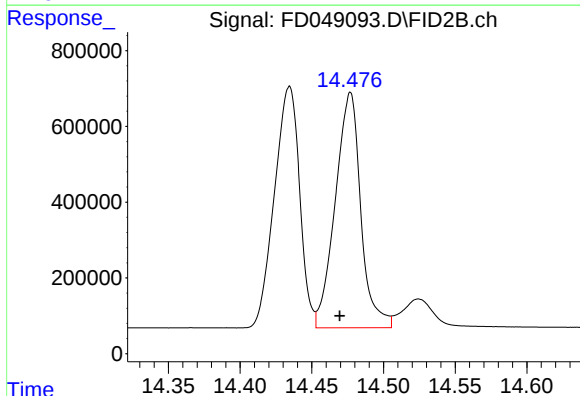
R.T.: 12.564 min
Delta R.T.: 0.005 min
Response: 8241456
Conc: 53.50 ug/ml

Instrument :
FID_D
ClientSampleId :



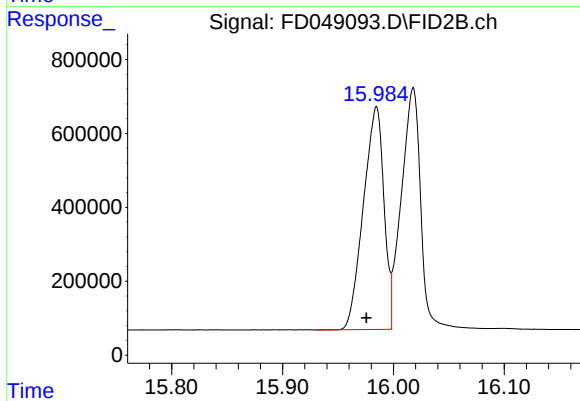
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.434 min
Delta R.T.: 0.006 min
Response: 7790503
Conc: 59.29 ug/ml



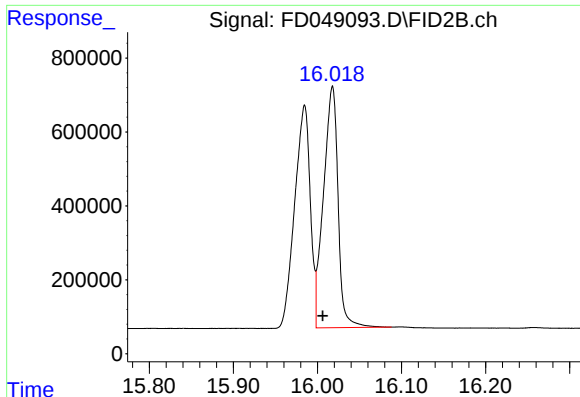
#15 Chrysene (C27.41)

R.T.: 14.477 min
Delta R.T.: 0.007 min
Response: 7698280
Conc: 47.61 ug/ml



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

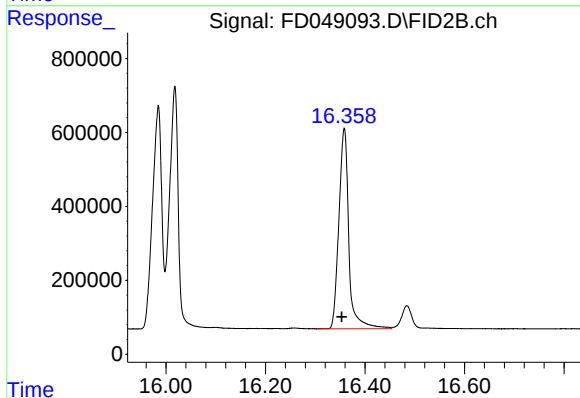
R.T.: 15.985 min
Delta R.T.: 0.009 min
Response: 7764820
Conc: 56.43 ug/ml



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

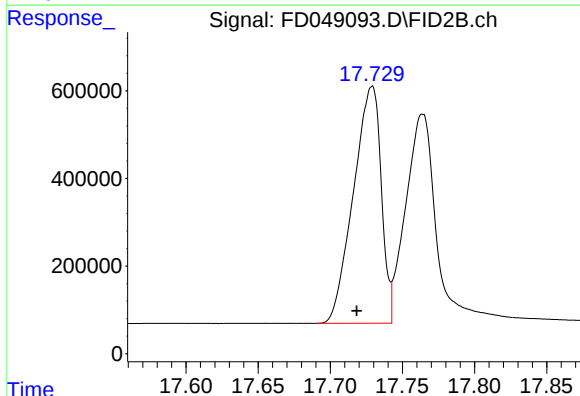
R.T.: 16.018 min
Delta R.T.: 0.012 min
Response: 7869158
Conc: 49.82 ug/ml

Instrument :
FID_D
ClientSampleId :



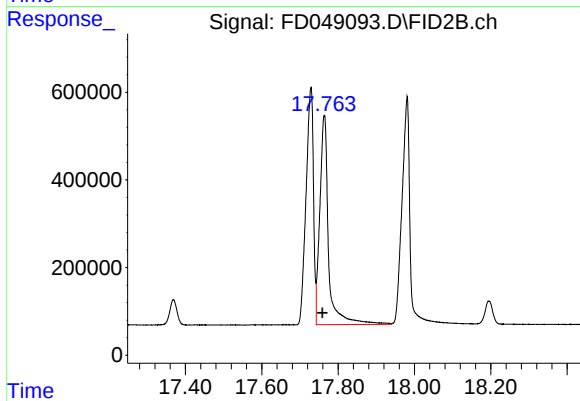
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.358 min
Delta R.T.: 0.005 min
Response: 7515943
Conc: 55.37 ug/ml



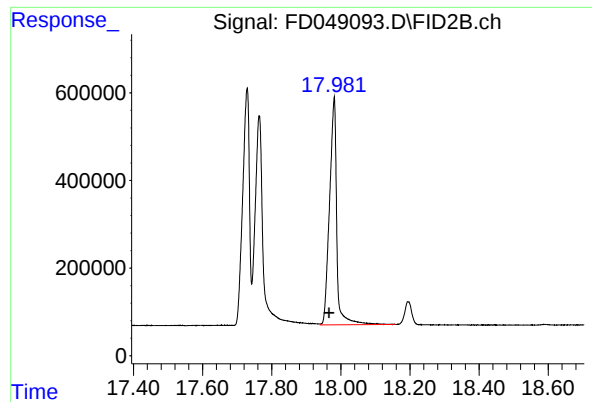
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.729 min
Delta R.T.: 0.011 min
Response: 7260102
Conc: 66.44 ug/ml



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

R.T.: 17.764 min
Delta R.T.: 0.005 min
Response: 7616444
Conc: 49.09 ug/ml



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

R.T.: 17.981 min
Delta R.T.: 0.015 min
Response: 7530555
Conc: 51.95 ug/ml

Instrument :

FID_D

ClientSampleId :