

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032124AR\
 Data File : FD047407.D
 Signal(s) : FID2B.ch
 Acq On : 21 Mar 2024 17:20
 Operator : YP/AJ
 Sample : PB159705BSD
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 22 03:26:08 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030424.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 04 13:13:44 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...	7.455	8523239	51.605 ug/ml
Spiked Amount 50.000		Recovery =	103.21%
6) S 2-Fluorobiphenyl (SURR)	8.307	4436816	41.698 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	83.40%
11) S ortho-Terphenyl (SURR)	11.342	8454981	45.305 ug/ml
Spiked Amount 50.000		Recovery =	90.61%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.272	5674509	31.929 ug/ml
2) T Naphthalene (C11.7)	5.796	6659450	36.516 ug/ml
3) T 2-Methylnaphthalene (...)	6.843	7014659	38.462 ug/ml
5) T Acenaphthylene (C15.06)	8.111	7686386	46.104 ug/ml
7) T Acenaphthene (C15.5)	8.407	7448630	42.278 ug/ml
8) T Fluorene (C16.55)	9.184	7966823	47.296 ug/ml
9) T Phenanthrene (C19.36)	10.571	8184849	50.539 ug/ml
10) T Anthracene (C19.43)	10.647	8032719	54.581 ug/ml
12) T Fluoranthene (C21.85)	12.374	8370440	52.505 ug/ml
13) T Pyrene (C20.8)	12.668	8451351	54.627 ug/ml
14) T Benzo[a]anthracene (C...	14.531	7816810	57.663 ug/ml
15) T Chrysene (C27.41)	14.574	7827655	52.731 ug/ml
16) T benzo[b]fluoranthene ...	16.073	7591301	54.076 ug/ml
17) T Bnezo[k]fluoranthene ...	16.108	7537498	53.227 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.448	7295369	52.812 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.807	7547247	60.386 ug/ml
20) T Dibenz[a,h]anthracene...	17.846	7159558	54.291 ug/ml
21) T Benzo[g,h,i]perylene ...	18.060	6922910	51.524 ug/ml

(f)=RT Delta > 1/2 Window

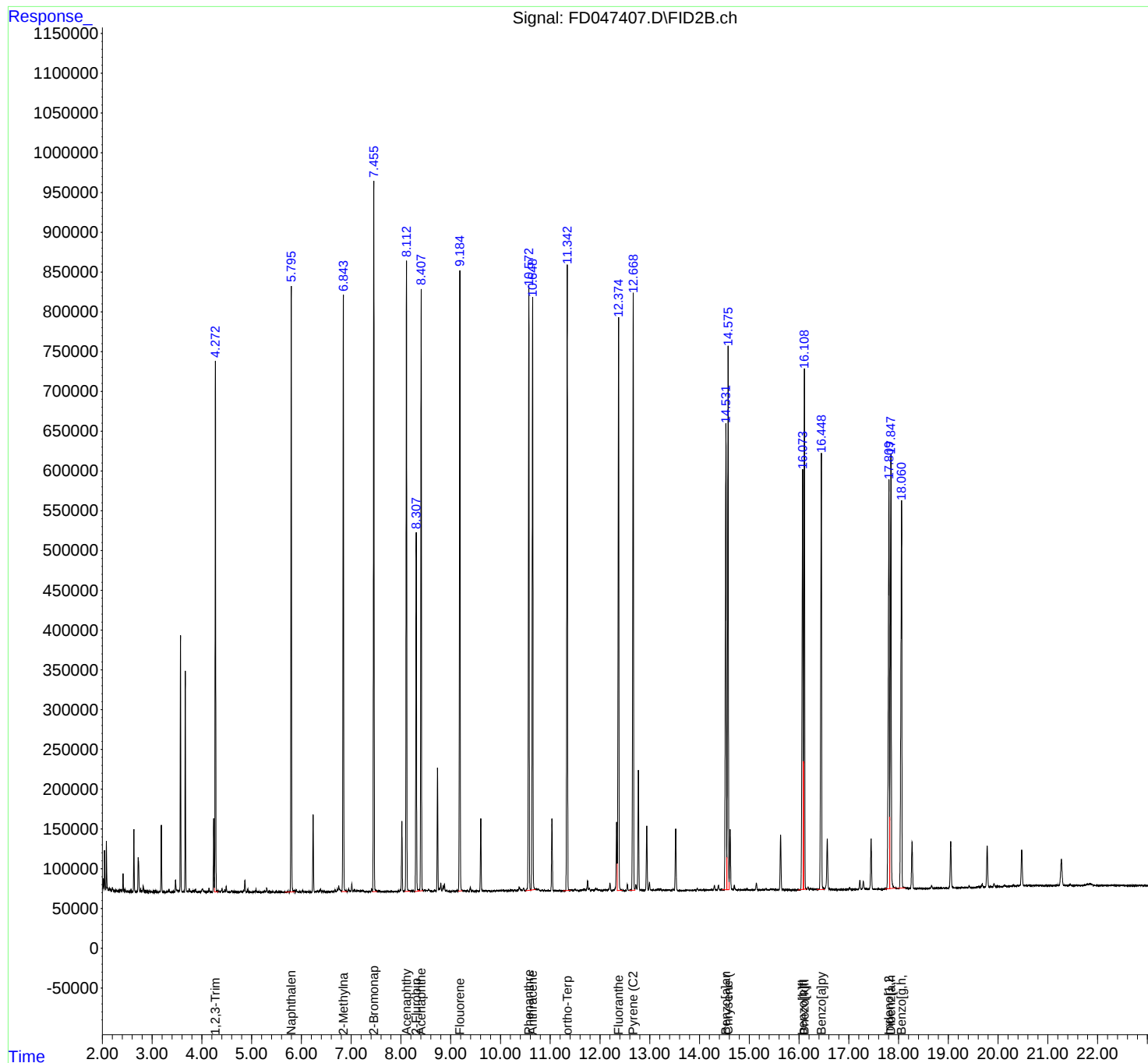
(m)=manual int.

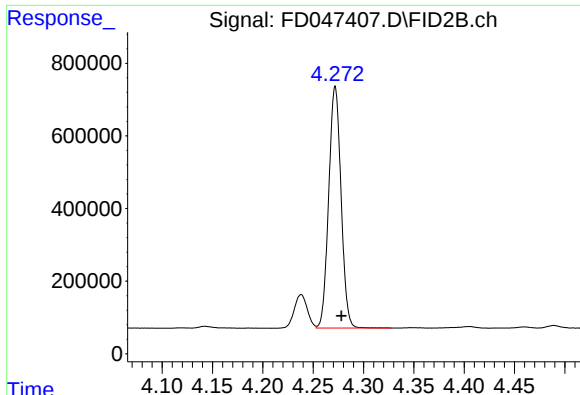
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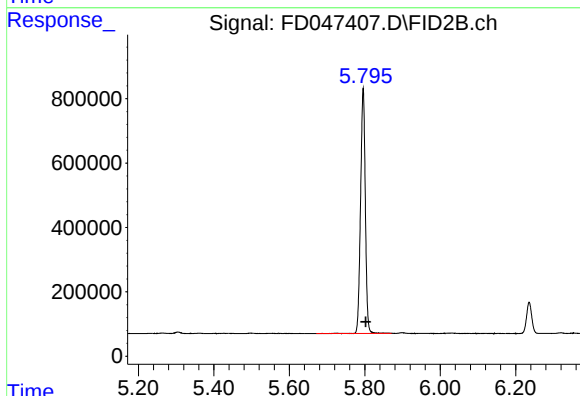




#1 1,2,3-Trimethylbenzene (C10.1)

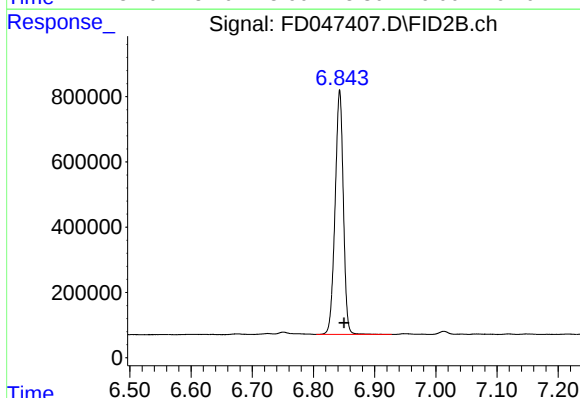
R.T.: 4.272 min
Delta R.T.: -0.006 min
Response: 5674509
Conc: 31.93 ug/ml

Instrument :
FID_D
ClientSampleId :



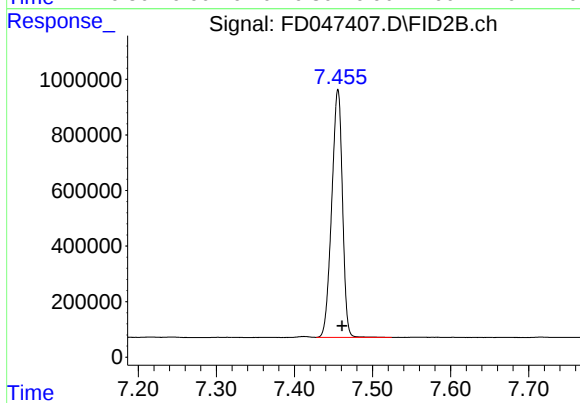
#2 Naphthalene (C11.7)

R.T.: 5.796 min
Delta R.T.: -0.007 min
Response: 6659450
Conc: 36.52 ug/ml



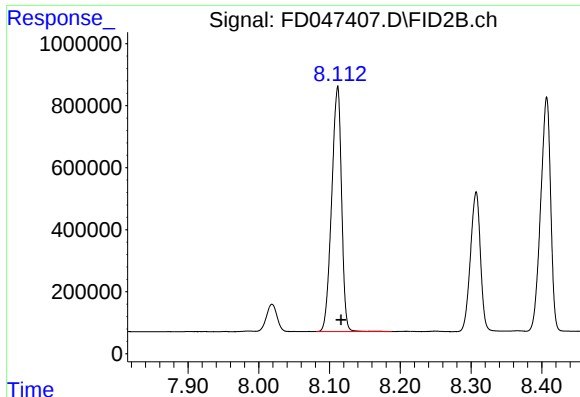
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.843 min
Delta R.T.: -0.007 min
Response: 7014659
Conc: 38.46 ug/ml



#4 2-Bromonaphthalene (SURR)

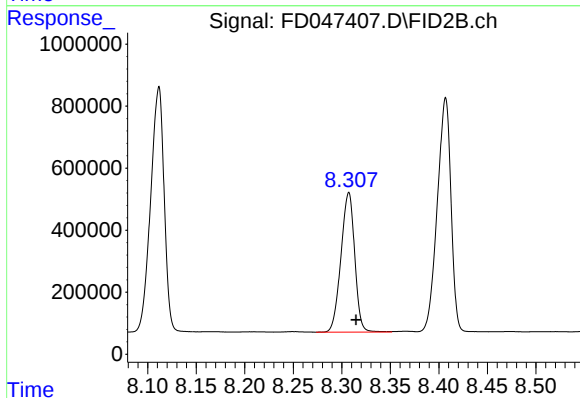
R.T.: 7.455 min
Delta R.T.: -0.006 min
Response: 8523239
Conc: 51.61 ug/ml



#5 Acenaphthylene (C15.06)

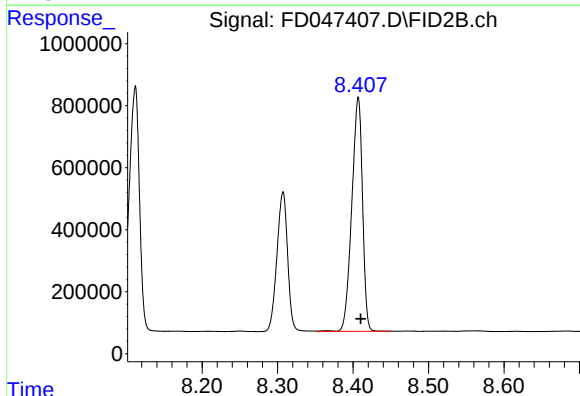
R.T.: 8.111 min
Delta R.T.: -0.005 min
Response: 7686386
Conc: 46.10 ug/ml

Instrument :
FID_D
ClientSampleId :



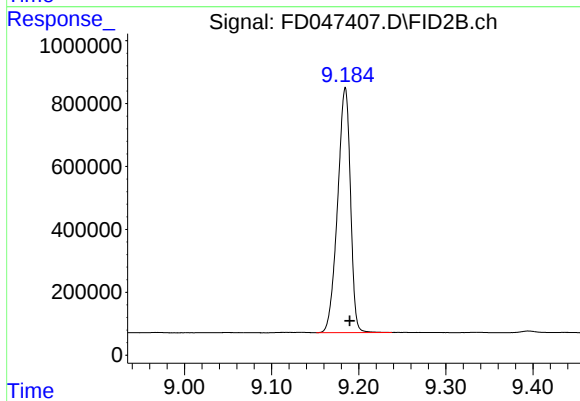
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.307 min
Delta R.T.: -0.008 min
Response: 4436816
Conc: 41.70 ug/ml



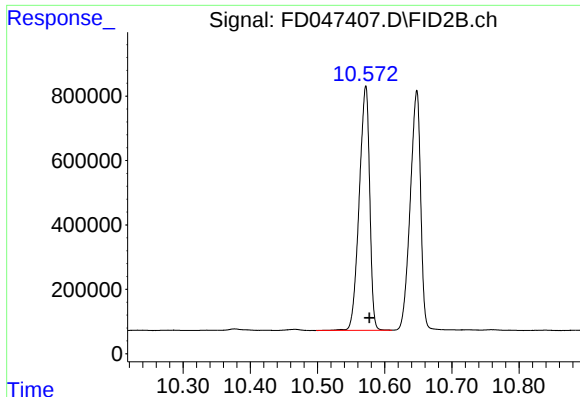
#7 Acenaphthene (C15.5)

R.T.: 8.407 min
Delta R.T.: -0.004 min
Response: 7448630
Conc: 42.28 ug/ml



#8 Fluorene (C16.55)

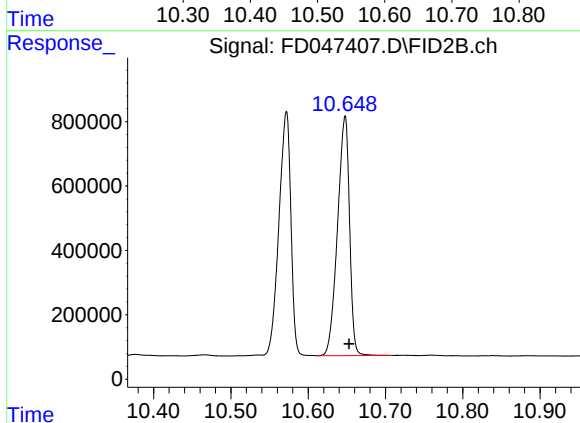
R.T.: 9.184 min
Delta R.T.: -0.006 min
Response: 7966823
Conc: 47.30 ug/ml



#9 Phenanthrene (C19.36)

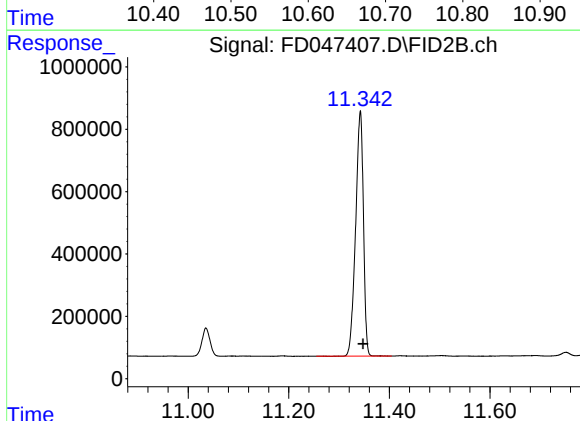
R.T.: 10.571 min
Delta R.T.: -0.006 min
Response: 8184849
Conc: 50.54 ug/ml

Instrument :
FID_D
ClientSampleId :



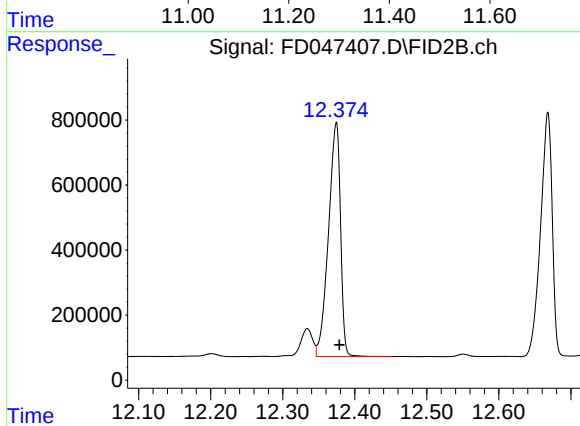
#10 Anthracene (C19.43)

R.T.: 10.647 min
Delta R.T.: -0.006 min
Response: 8032719
Conc: 54.58 ug/ml



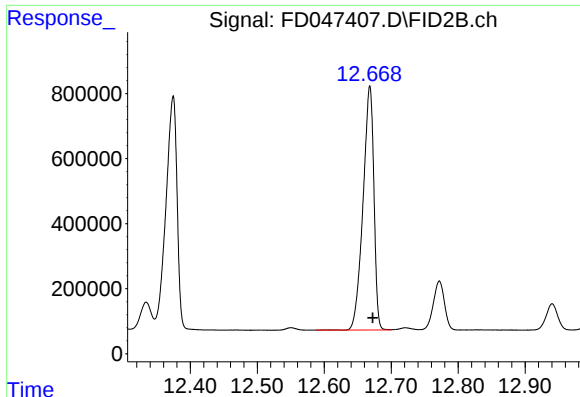
#11 ortho-Terphenyl (SURR)

R.T.: 11.342 min
Delta R.T.: -0.006 min
Response: 8454981
Conc: 45.30 ug/ml



#12 Fluoranthene (C21.85)

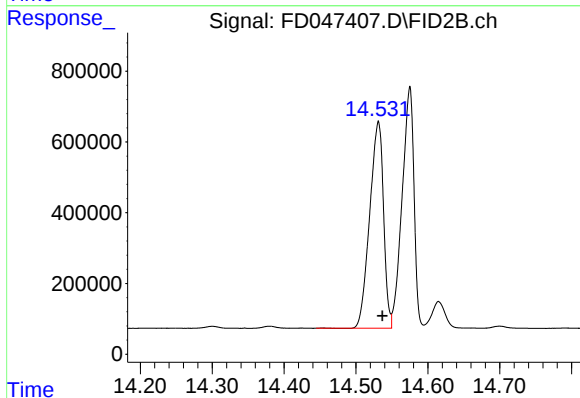
R.T.: 12.374 min
Delta R.T.: -0.005 min
Response: 8370440
Conc: 52.50 ug/ml



#13 Pyrene (C20.8)

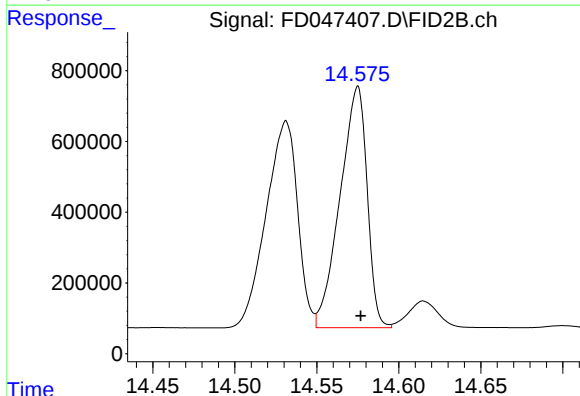
R.T.: 12.668 min
Delta R.T.: -0.005 min
Response: 8451351
Conc: 54.63 ug/ml

Instrument :
FID_D
ClientSampleId :



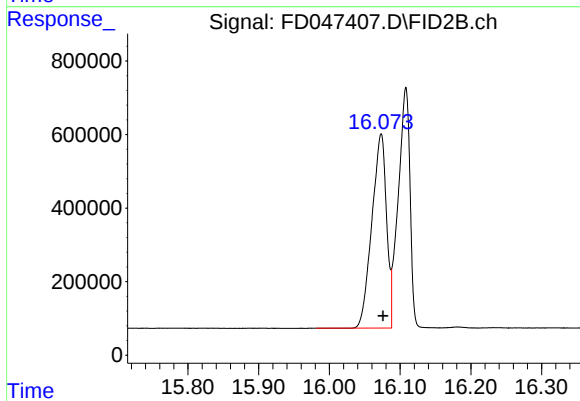
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.531 min
Delta R.T.: -0.006 min
Response: 7816810
Conc: 57.66 ug/ml



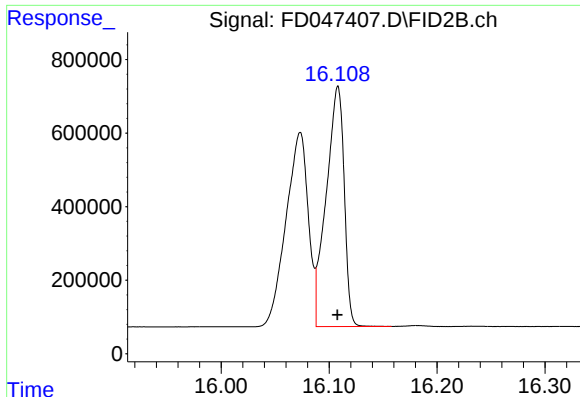
#15 Chrysene (C27.41)

R.T.: 14.574 min
Delta R.T.: -0.003 min
Response: 7827655
Conc: 52.73 ug/ml



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

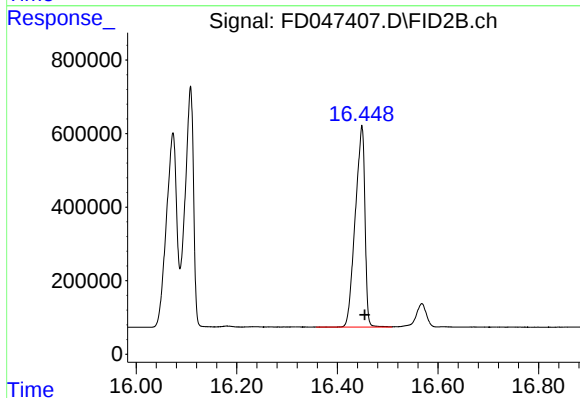
R.T.: 16.073 min
Delta R.T.: -0.003 min
Response: 7591301
Conc: 54.08 ug/ml



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

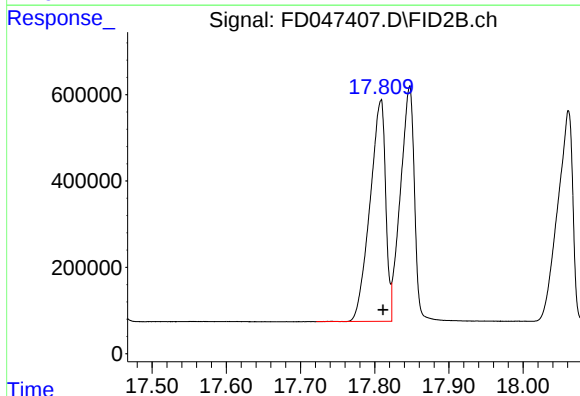
R.T.: 16.108 min
Delta R.T.: 0.000 min
Response: 7537498
Conc: 53.23 ug/ml

Instrument :
FID_D
ClientSampleId :



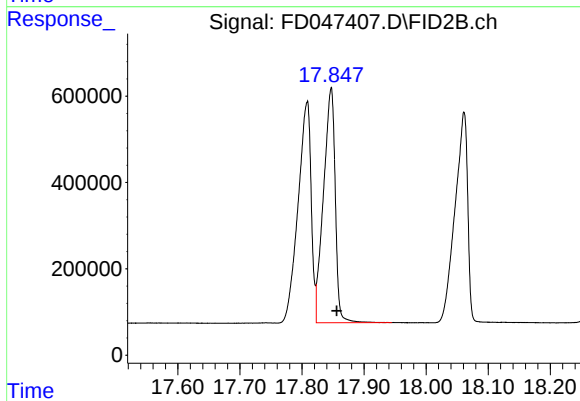
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.448 min
Delta R.T.: -0.007 min
Response: 7295369
Conc: 52.81 ug/ml



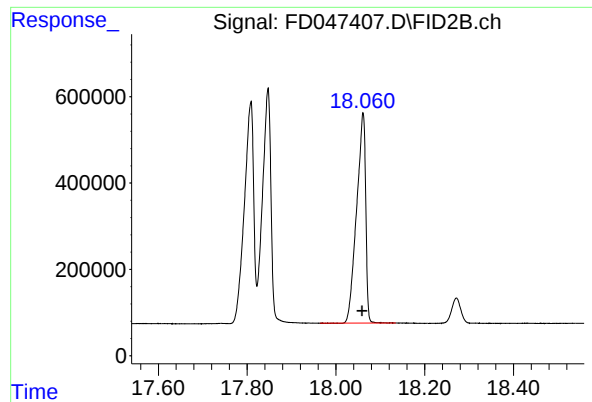
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.807 min
Delta R.T.: -0.004 min
Response: 7547247
Conc: 60.39 ug/ml



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

R.T.: 17.846 min
Delta R.T.: -0.010 min
Response: 7159558
Conc: 54.29 ug/ml



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

R.T.: 18.060 min
Delta R.T.: 0.002 min
Response: 6922910
Conc: 51.52 ug/ml

Instrument :

FID_D

ClientSampleId :