

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121124AR\
 Data File : FD048874.D
 Signal(s) : FID2B.ch
 Acq On : 11 Dec 2024 20:45
 Operator : YP/AJ
 Sample : PB165557BS
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 12 04:28:29 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 121024.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 10 06:07:50 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...	7.361	8055044	47.823 ug/ml
Spiked Amount 50.000		Recovery =	95.65%
6) S 2-Fluorobiphenyl (SURR)	8.212	5036000	48.747 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	97.49%
11) S ortho-Terphenyl (SURR)	11.249	8078018	45.469 ug/ml
Spiked Amount 50.000		Recovery =	90.94%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.182	4641223	24.513 ug/ml
2) T Naphthalene (C11.7)	5.700	6326704	33.110 ug/ml
3) T 2-Methylnaphthalene (...)	6.747	6456658	34.942 ug/ml
5) T Acenaphthylene (C15.06)	8.014	7084014	37.957 ug/ml
7) T Acenaphthene (C15.5)	8.309	7677870	41.226 ug/ml
8) T Fluorene (C16.55)	9.088	7787656	43.582 ug/ml
9) T Phenanthrene (C19.36)	10.477	7820185	46.820 ug/ml
10) T Anthracene (C19.43)	10.552	7813962	46.040 ug/ml
12) T Fluoranthene (C21.85)	12.282	8957292	54.722 ug/ml
13) T Pyrene (C20.8)	12.576	8337137	51.260 ug/ml
14) T Benzo[a]anthracene (C...	14.447	7084322	53.625 ug/ml
15) T Chrysene (C27.41)	14.489	7192787	44.554 ug/ml
16) T benzo[b]fluoranthene ...	15.996	6909847	51.325 ug/ml
17) T Bnezo[k]fluoranthene ...	16.029	6955169	45.662 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.371	6644681	48.042 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.740	6461610	60.633 ug/ml
20) T Dibenz[a,h]anthracene...	17.776	6534494	45.057 ug/ml
21) T Benzo[g,h,i]perylene ...	17.990	6187946	44.134 ug/ml

(f)=RT Delta > 1/2 Window

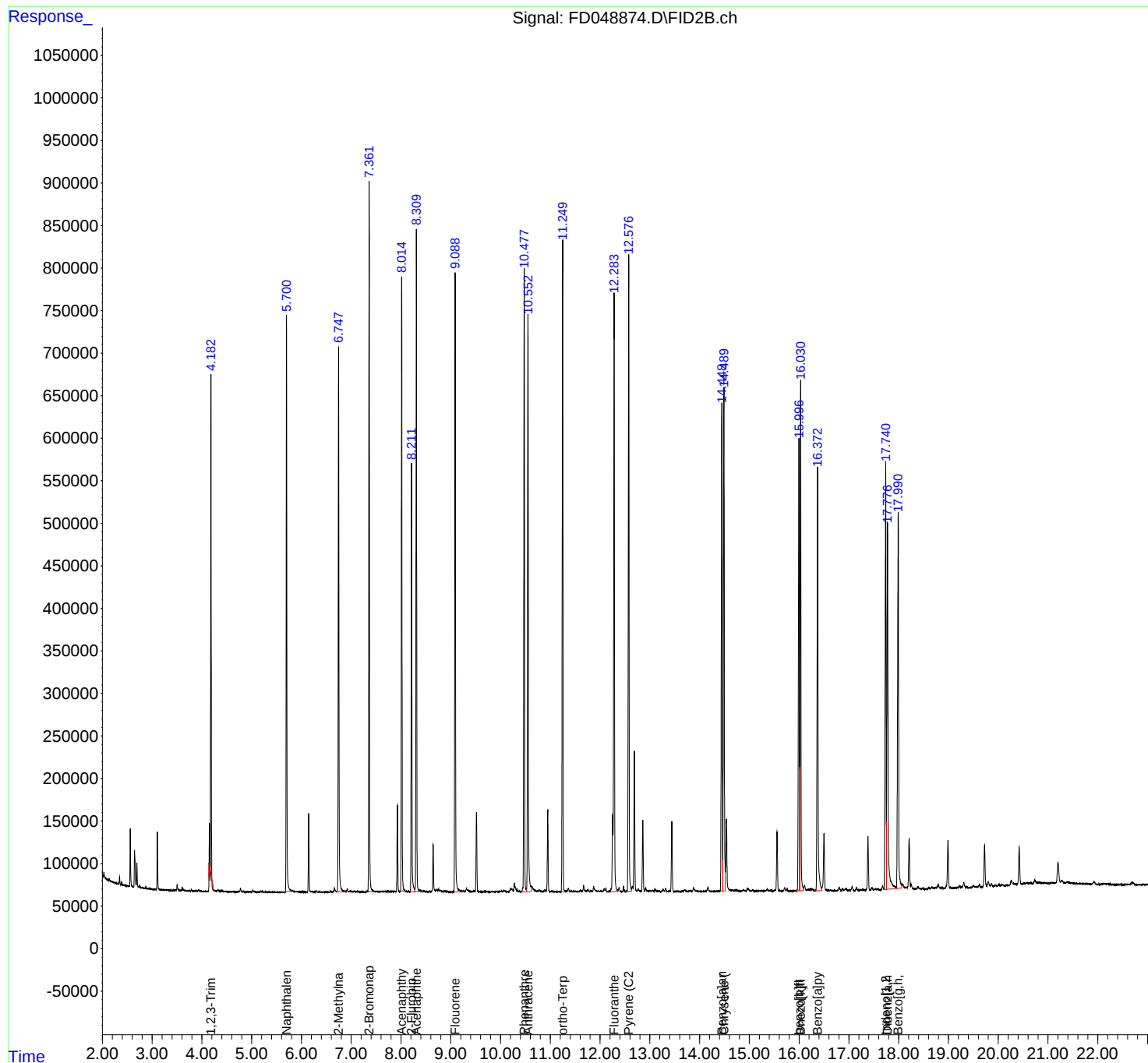
(m)=manual int.

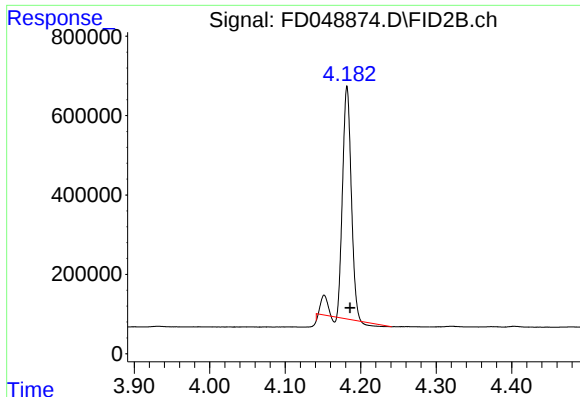
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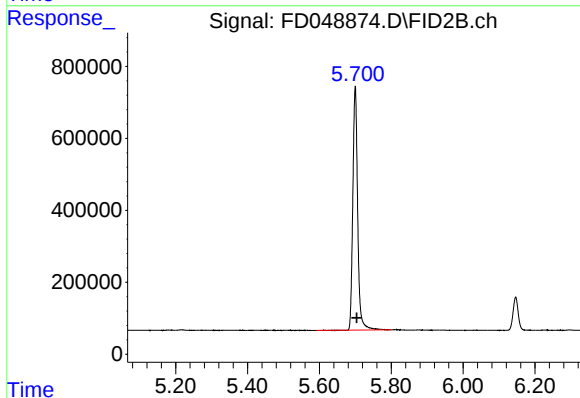




#1 1,2,3-Trimethylbenzene (C10.1)

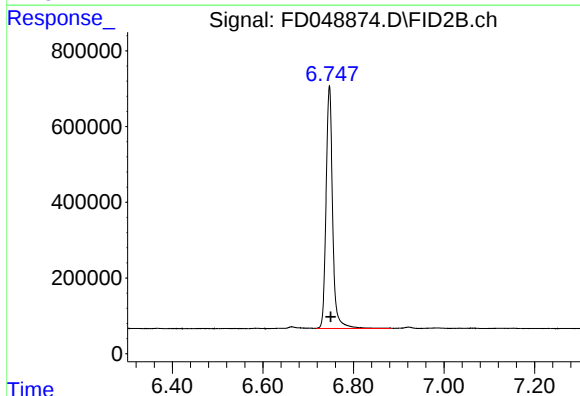
R.T.: 4.182 min
Delta R.T.: -0.004 min
Response: 4641223
Conc: 24.51 ug/ml

Instrument :
FID_D
ClientSampleId :



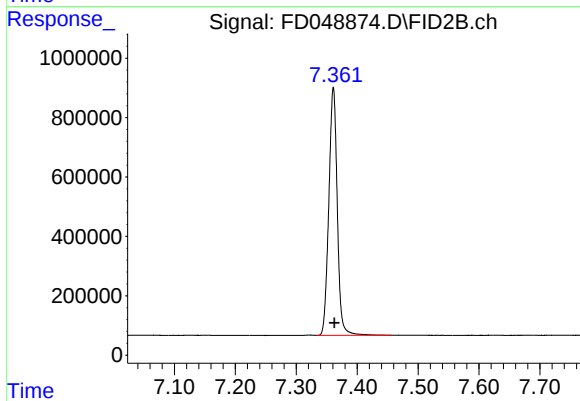
#2 Naphthalene (C11.7)

R.T.: 5.700 min
Delta R.T.: -0.004 min
Response: 6326704
Conc: 33.11 ug/ml



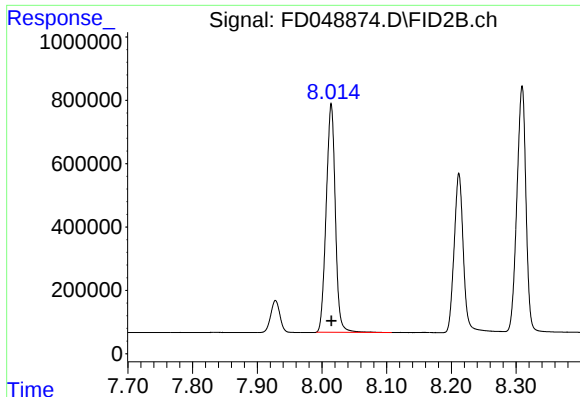
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.747 min
Delta R.T.: -0.003 min
Response: 6456658
Conc: 34.94 ug/ml



#4 2-Bromonaphthalene (SURR)

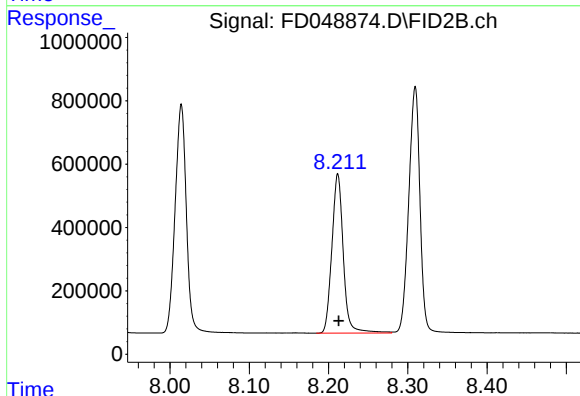
R.T.: 7.361 min
Delta R.T.: -0.002 min
Response: 8055044
Conc: 47.82 ug/ml



#5 Acenaphthylene (C15.06)

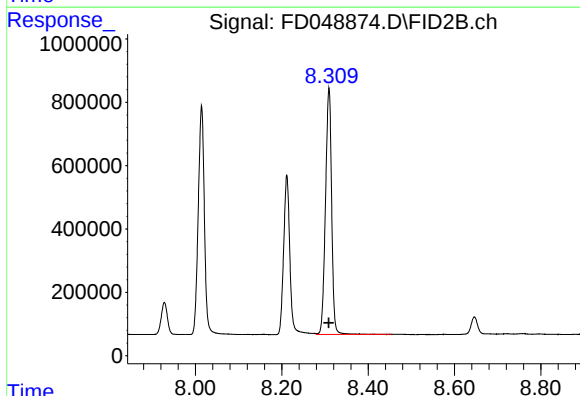
R.T.: 8.014 min
Delta R.T.: 0.000 min
Response: 7084014
Conc: 37.96 ug/ml

Instrument :
FID_D
ClientSampleId :



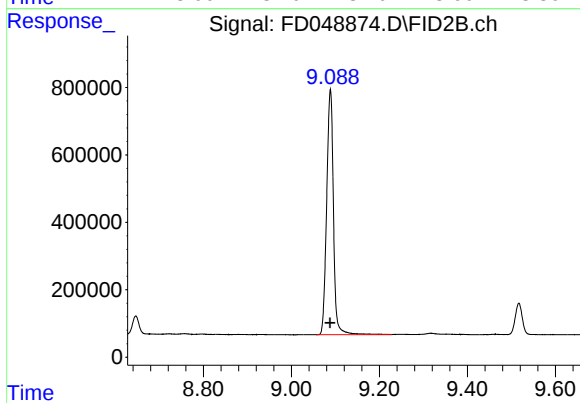
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.212 min
Delta R.T.: -0.001 min
Response: 5036000
Conc: 48.75 ug/ml



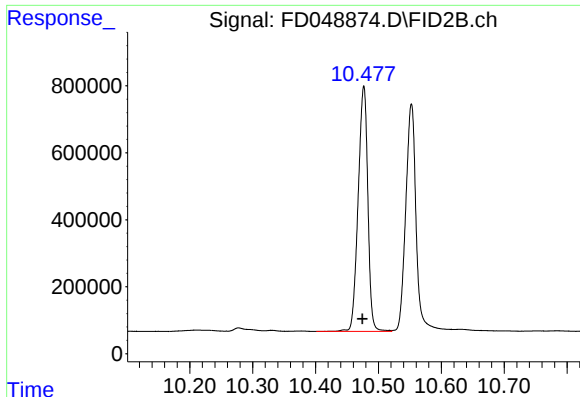
#7 Acenaphthene (C15.5)

R.T.: 8.309 min
Delta R.T.: 0.000 min
Response: 7677870
Conc: 41.23 ug/ml



#8 Fluorene (C16.55)

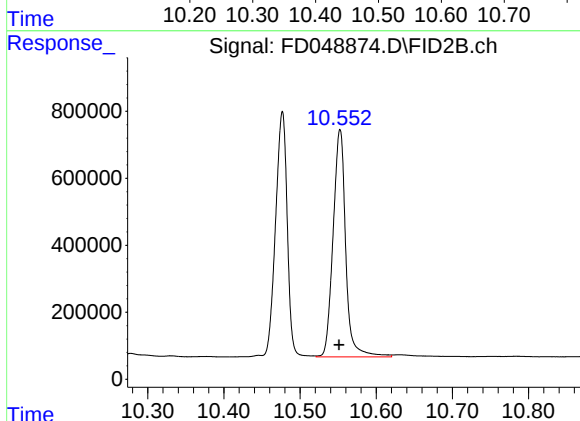
R.T.: 9.088 min
Delta R.T.: 0.000 min
Response: 7787656
Conc: 43.58 ug/ml



#9 Phenanthrene (C19.36)

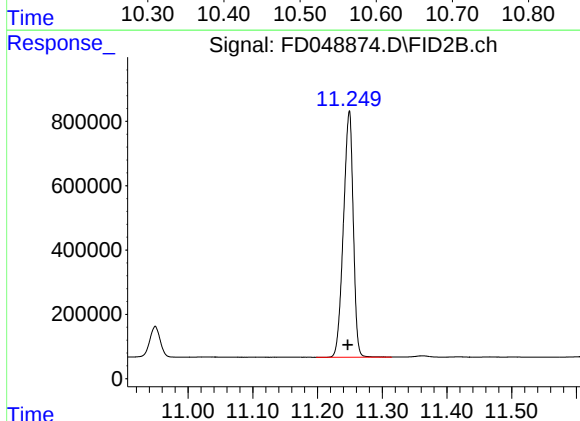
R.T.: 10.477 min
Delta R.T.: 0.002 min
Response: 7820185
Conc: 46.82 ug/ml

Instrument :
FID_D
ClientSampleId :



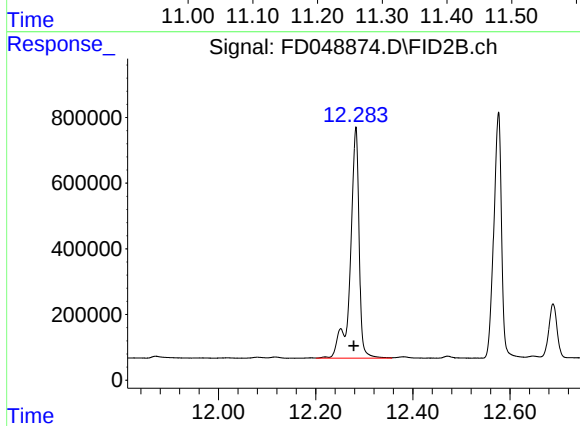
#10 Anthracene (C19.43)

R.T.: 10.552 min
Delta R.T.: 0.001 min
Response: 7813962
Conc: 46.04 ug/ml



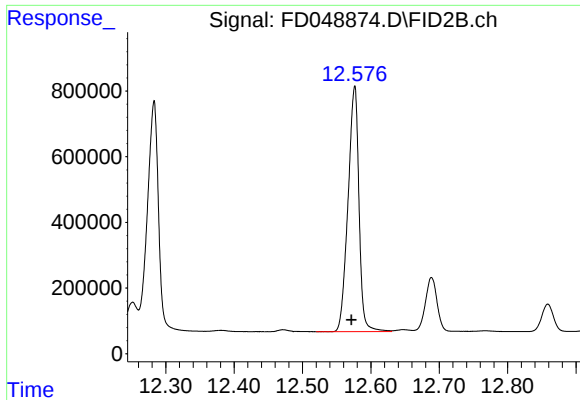
#11 ortho-Terphenyl (SURR)

R.T.: 11.249 min
Delta R.T.: 0.002 min
Response: 8078018
Conc: 45.47 ug/ml



#12 Fluoranthene (C21.85)

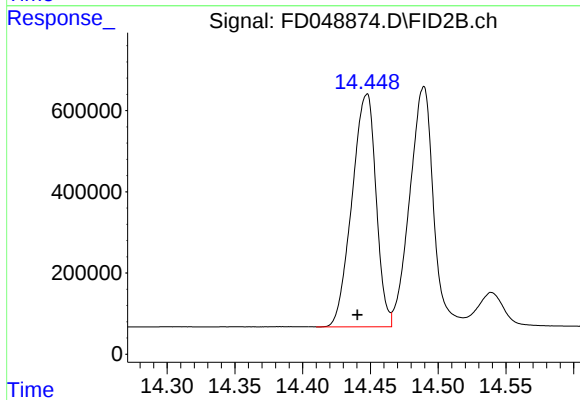
R.T.: 12.282 min
Delta R.T.: 0.004 min
Response: 8957292
Conc: 54.72 ug/ml



#13 Pyrene (C20.8)

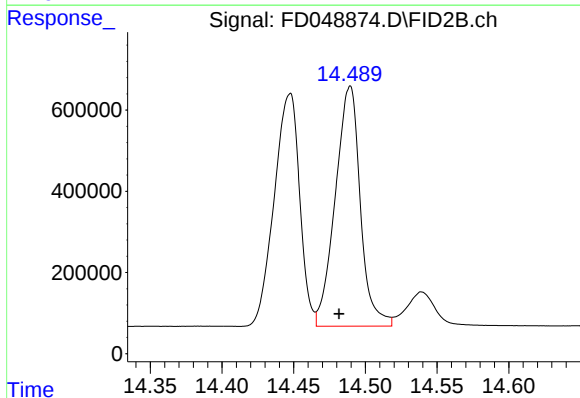
R.T.: 12.576 min
Delta R.T.: 0.004 min
Response: 8337137
Conc: 51.26 ug/ml

Instrument :
FID_D
ClientSampleId :



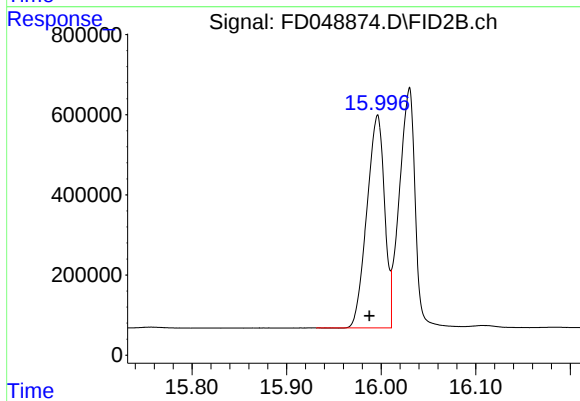
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.447 min
Delta R.T.: 0.006 min
Response: 7084322
Conc: 53.62 ug/ml



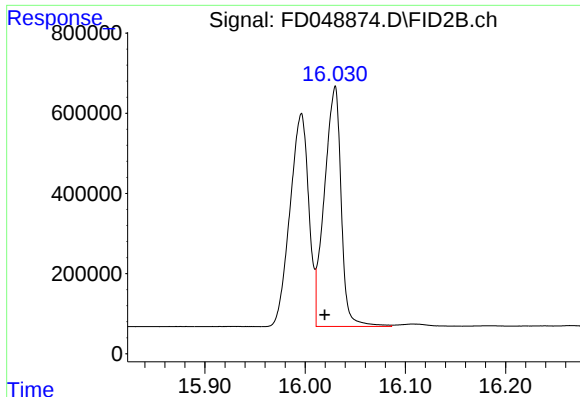
#15 Chrysene (C27.41)

R.T.: 14.489 min
Delta R.T.: 0.007 min
Response: 7192787
Conc: 44.55 ug/ml



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

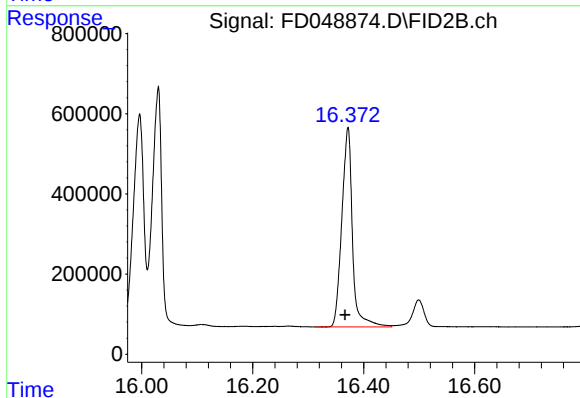
R.T.: 15.996 min
Delta R.T.: 0.008 min
Response: 6909847
Conc: 51.33 ug/ml



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

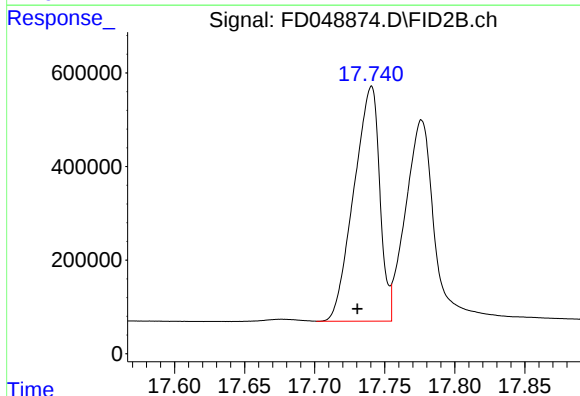
R.T.: 16.029 min
Delta R.T.: 0.010 min
Response: 6955169
Conc: 45.66 ug/ml

Instrument :
FID_D
ClientSampleId :



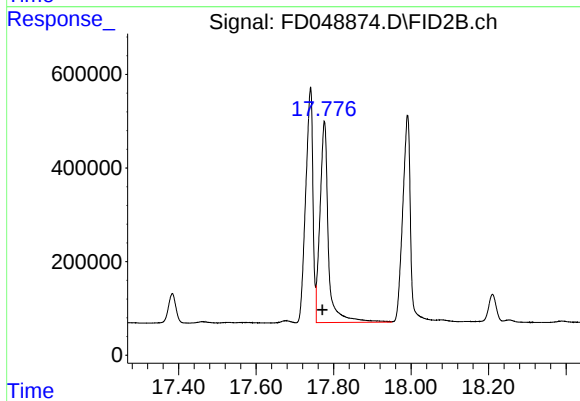
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.371 min
Delta R.T.: 0.005 min
Response: 6644681
Conc: 48.04 ug/ml



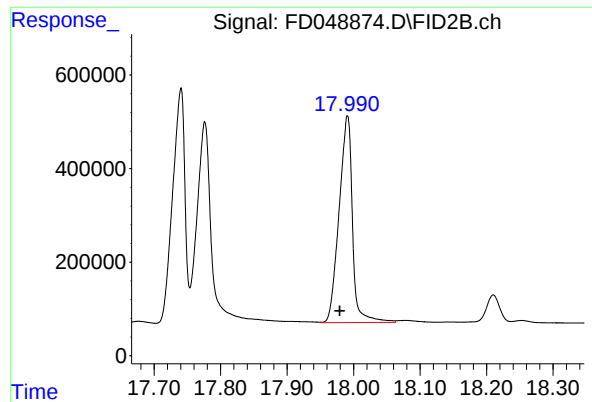
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.740 min
Delta R.T.: 0.009 min
Response: 6461610
Conc: 60.63 ug/ml



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

R.T.: 17.776 min
Delta R.T.: 0.005 min
Response: 6534494
Conc: 45.06 ug/ml



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

R.T.: 17.990 min
Delta R.T.: 0.011 min
Response: 6187946
Conc: 44.13 ug/ml

Instrument :
FID_D
ClientSampleId :