

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD060724AR\
 Data File : FD047890.D
 Signal(s) : FID2B.ch
 Acq On : 07 Jun 2024 21:29
 Operator : YP/AJ
 Sample : P2757-03MSD
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 08 04:03:53 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052124.M
 Quant Title : GC Extractables
 QLast Update : Tue May 21 19:00:48 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...	7.433	14686222	104.609 ug/ml
Spiked Amount 50.000		Recovery =	209.22%
6) S 2-Fluorobiphenyl (SURR)	8.296	23042836	248.811 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	497.62%#
11) S ortho-Terphenyl (SURR)	11.375	146407846	915.700 ug/ml
Spiked Amount 50.000		Recovery =	1831.40%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.245	5676618	35.942 ug/ml
2) T Naphthalene (C11.7)	5.770	7561832	46.327 ug/ml
3) T 2-Methylnaphthalene (...)	6.821	11585760	70.310 ug/ml
5) T Acenaphthylene (C15.06)	8.098	21070548	128.915 ug/ml
7) T Acenaphthene (C15.5)	8.396	44994407	275.565 ug/ml
8) T Flouorene (C16.55)	9.192	92434659	587.577 ug/ml
9) T Phenanthrene (C19.36)	10.608	177600874	1151.709 ug/ml
10) T Anthracene (C19.43)	10.686	113388778	754.247 ug/ml
12) T Fluoranthene (C21.85)	12.387	64735223	426.578 ug/ml
13) T Pyrene (C20.8)	12.669	67201270	445.765 ug/ml
14) T Benzo[a]anthracene (C...	14.532	35397609	258.219 ug/ml
15) T Chrysene (C27.41)	14.575	36966931	250.932 ug/ml
16) T benzo[b]fluoranthene ...	16.100	18132679	128.837 ug/ml
17) T Bnezo[k]fluoranthene ...	16.134	17741861	130.283 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.472	17820181	128.743 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.824	8070605	70.008 ug/ml
20) T Dibenz[a,h]anthracene...	17.861	7283514	54.622 ug/ml
21) T Benzo[g,h,i]perylene ...	18.076	7266130	54.638 ug/ml

(f)=RT Delta > 1/2 Window

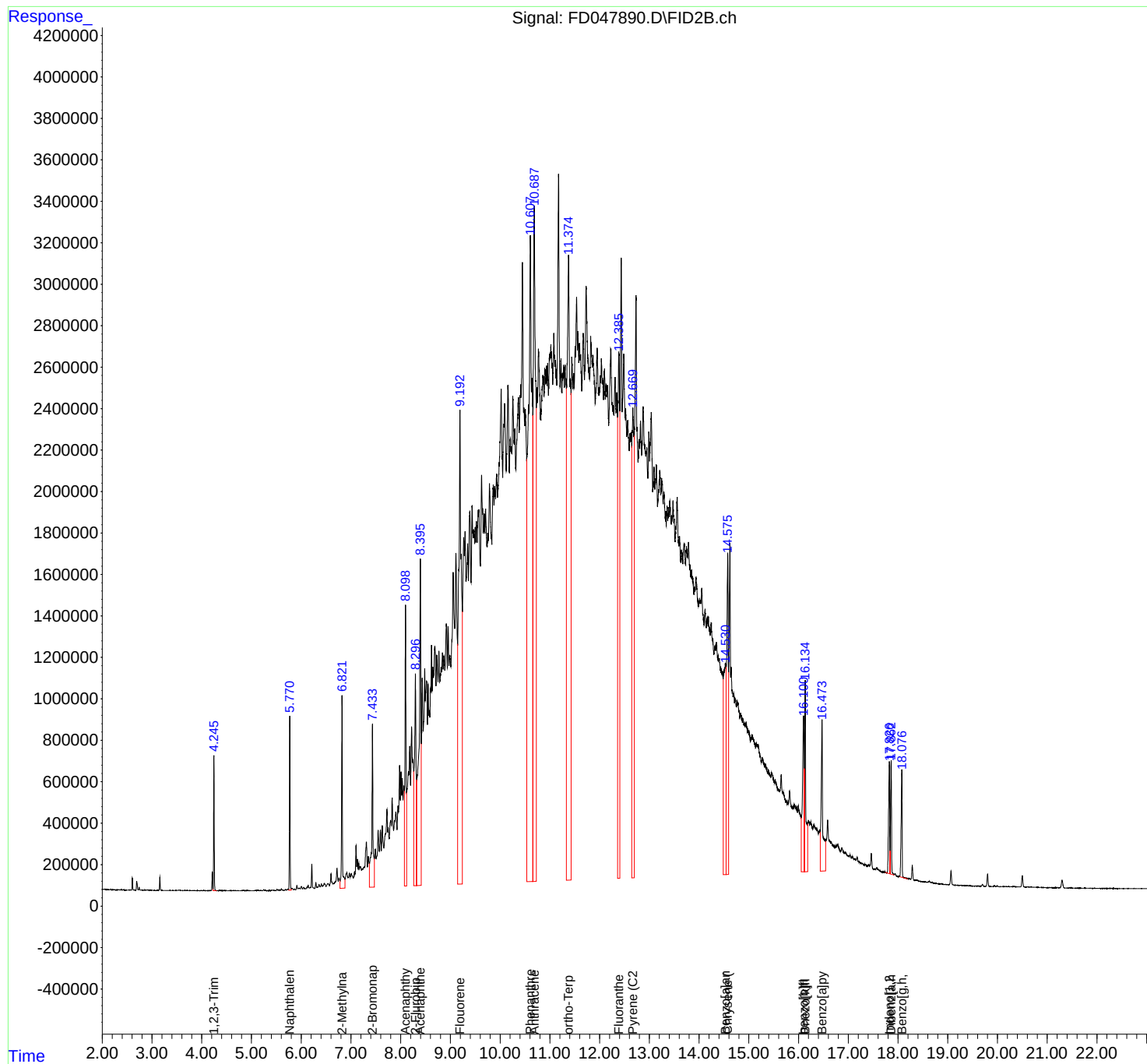
(m)=manual int.

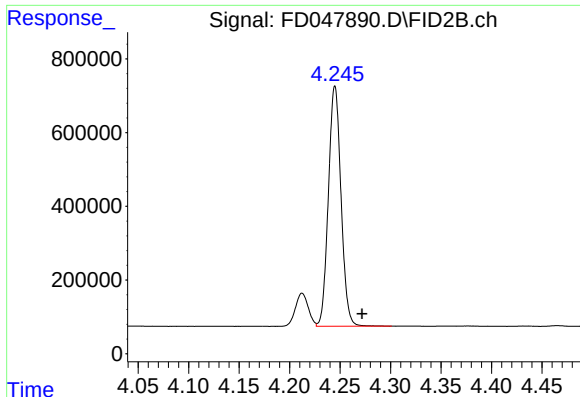
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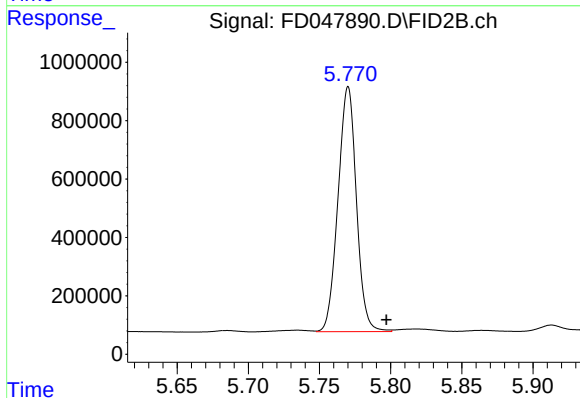




#1 1,2,3-Trimethylbenzene (C10.1)

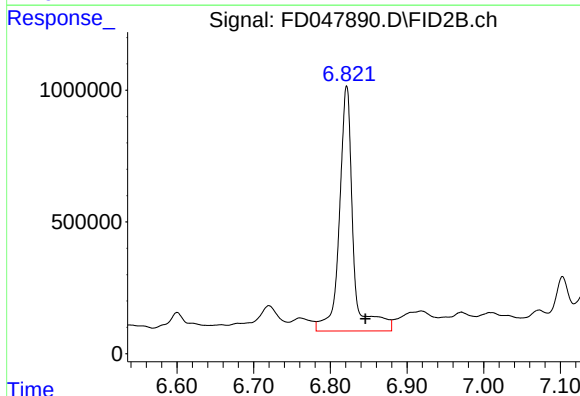
R.T.: 4.245 min
Delta R.T.: -0.027 min
Response: 5676618
Conc: 35.94 ug/ml

Instrument :
FID_D
ClientSampleId :



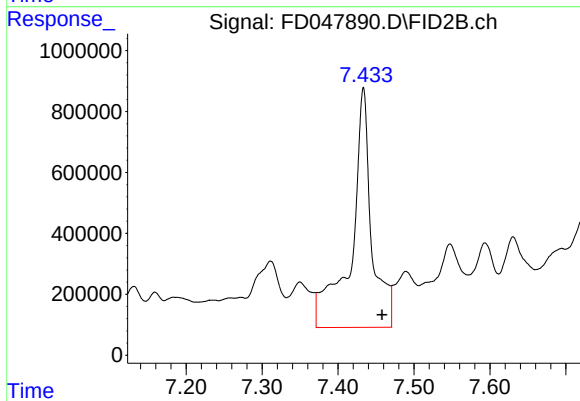
#2 Naphthalene (C11.7)

R.T.: 5.770 min
Delta R.T.: -0.027 min
Response: 7561832
Conc: 46.33 ug/ml



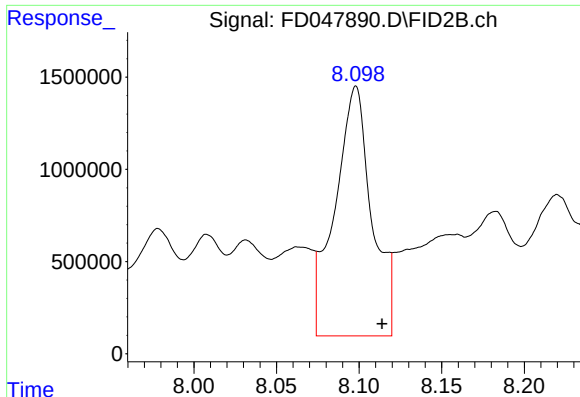
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.821 min
Delta R.T.: -0.025 min
Response: 11585760
Conc: 70.31 ug/ml



#4 2-Bromonaphthalene (SURR)

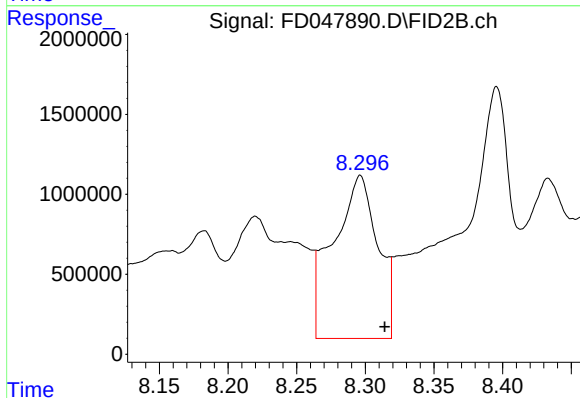
R.T.: 7.433 min
Delta R.T.: -0.025 min
Response: 14686222
Conc: 104.61 ug/ml



#5 Acenaphthylene (C15.06)

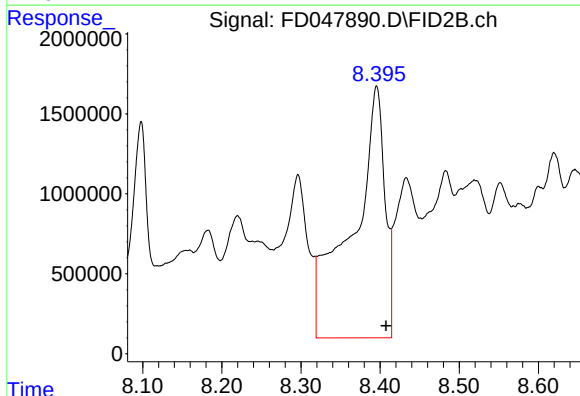
R.T.: 8.098 min
Delta R.T.: -0.016 min
Response: 21070548
Conc: 128.92 ug/ml

Instrument :
FID_D
ClientSampleId :



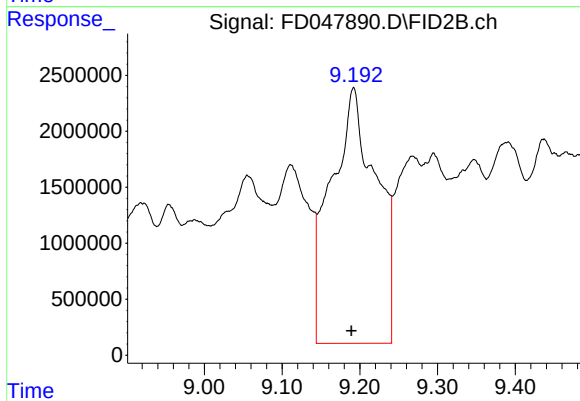
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.296 min
Delta R.T.: -0.018 min
Response: 23042836
Conc: 248.81 ug/ml



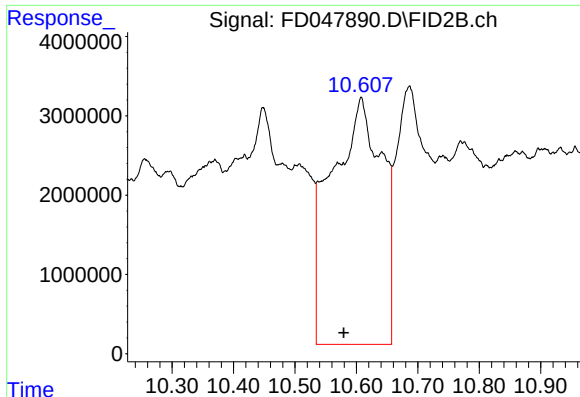
#7 Acenaphthene (C15.5)

R.T.: 8.396 min
Delta R.T.: -0.012 min
Response: 44994407
Conc: 275.57 ug/ml



#8 Flouorene (C16.55)

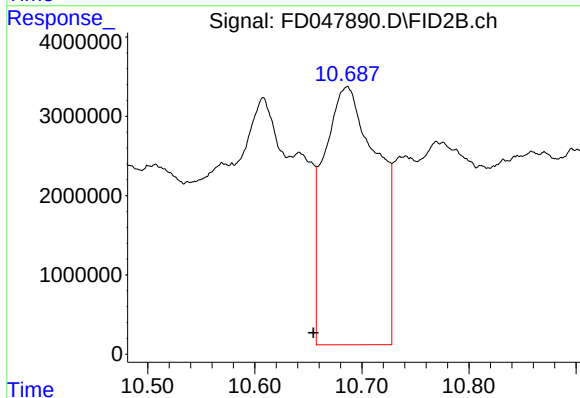
R.T.: 9.192 min
Delta R.T.: 0.003 min
Response: 92434659
Conc: 587.58 ug/ml



#9 Phenanthrene (C19.36)

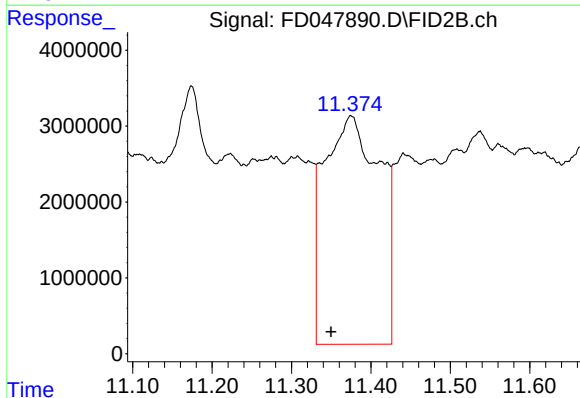
R.T.: 10.608 min
Delta R.T.: 0.029 min
Response: 177600874
Conc: 1151.71 ug/ml

Instrument :
FID_D
ClientSampleId :



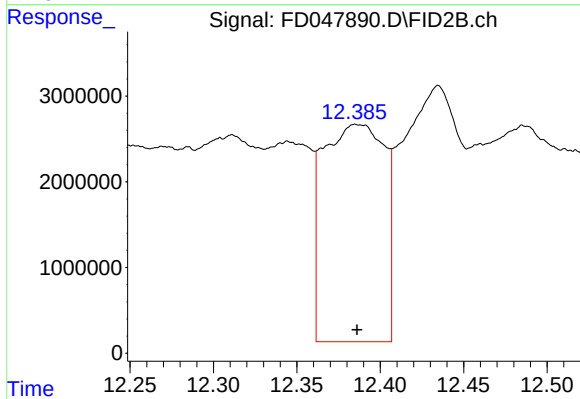
#10 Anthracene (C19.43)

R.T.: 10.686 min
Delta R.T.: 0.031 min
Response: 113388778
Conc: 754.25 ug/ml



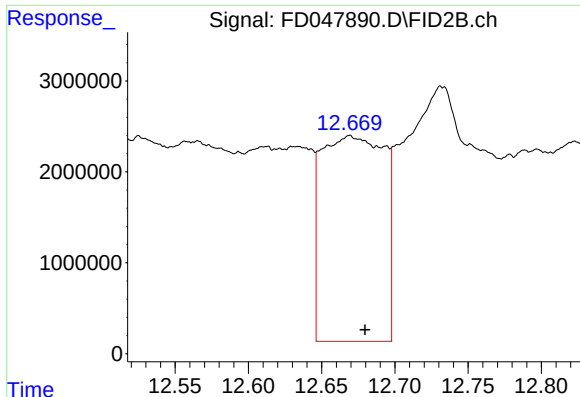
#11 ortho-Terphenyl (SURR)

R.T.: 11.375 min
Delta R.T.: 0.025 min
Response: 146407846
Conc: 915.70 ug/ml



#12 Fluoranthene (C21.85)

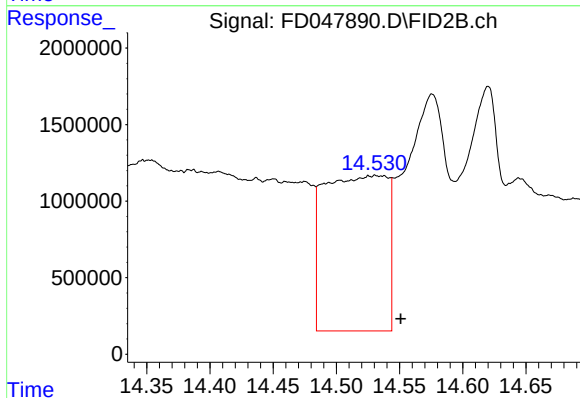
R.T.: 12.387 min
Delta R.T.: 0.000 min
Response: 64735223
Conc: 426.58 ug/ml



#13 Pyrene (C20.8)

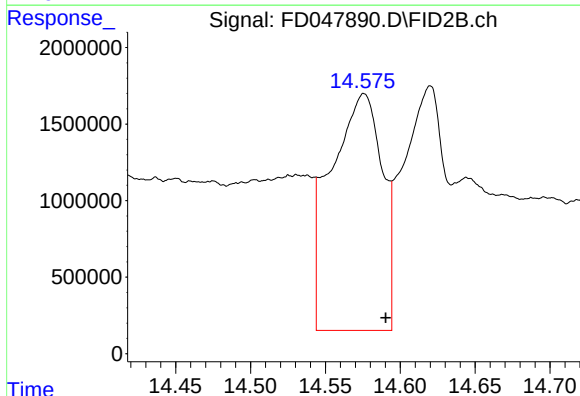
R.T.: 12.669 min
Delta R.T.: -0.010 min
Response: 67201270
Conc: 445.76 ug/ml

Instrument :
FID_D
ClientSampleId :



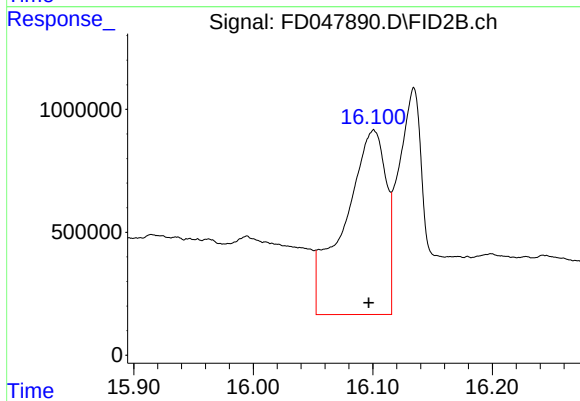
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.532 min
Delta R.T.: -0.019 min
Response: 35397609
Conc: 258.22 ug/ml



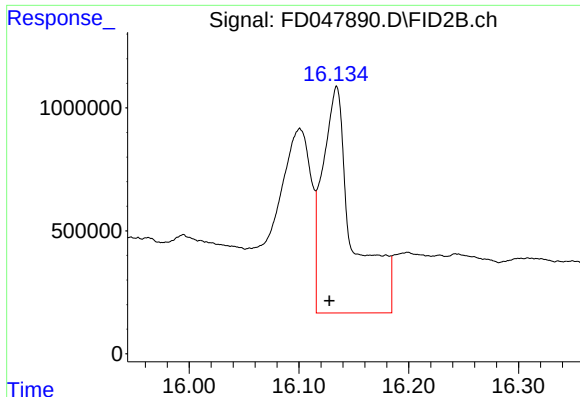
#15 Chrysene (C27.41)

R.T.: 14.575 min
Delta R.T.: -0.015 min
Response: 36966931
Conc: 250.93 ug/ml



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

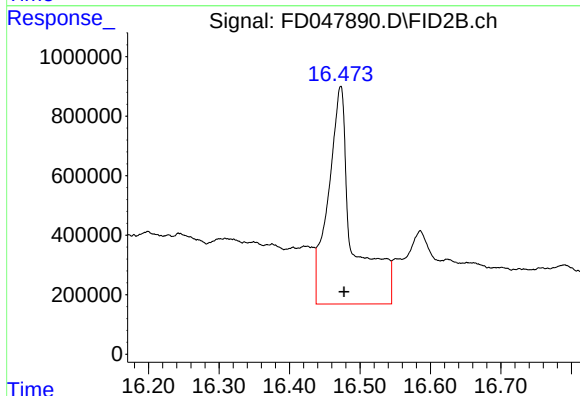
R.T.: 16.100 min
Delta R.T.: 0.004 min
Response: 18132679
Conc: 128.84 ug/ml



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

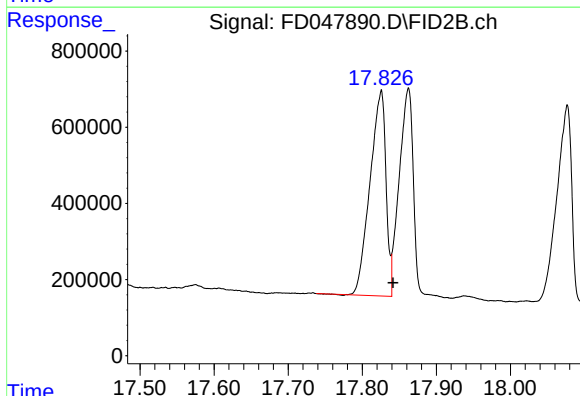
R.T.: 16.134 min
Delta R.T.: 0.006 min
Response: 17741861
Conc: 130.28 ug/ml

Instrument :
FID_D
ClientSampleId :



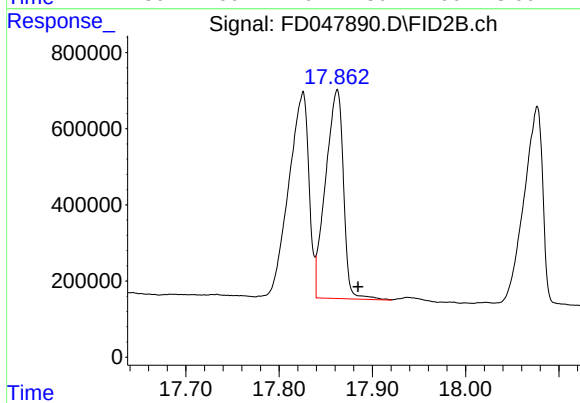
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.472 min
Delta R.T.: -0.005 min
Response: 17820181
Conc: 128.74 ug/ml



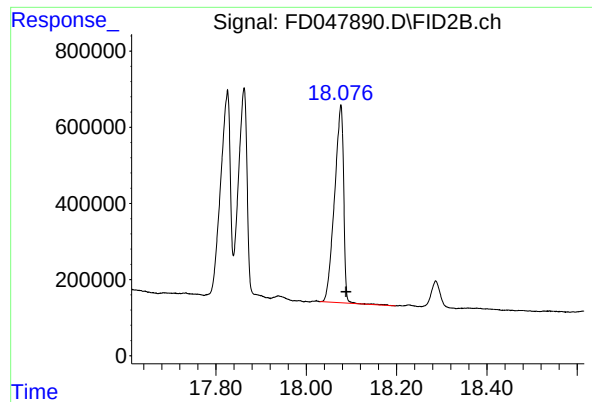
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.824 min
Delta R.T.: -0.017 min
Response: 8070605
Conc: 70.01 ug/ml



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

R.T.: 17.861 min
Delta R.T.: -0.023 min
Response: 7283514
Conc: 54.62 ug/ml



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

R.T.: 18.076 min
Delta R.T.: -0.012 min
Response: 7266130
Conc: 54.64 ug/ml

Instrument :

FID_D

ClientSampleId :