

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD013123AR\
 Data File : FD044949.D
 Signal(s) : FID2B.ch
 Acq On : 01 Feb 2023 00:52
 Operator : YP/AJ
 Sample : 01285-02MS
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Feb 01 03:45:50 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 012323.M
 Quant Title : GC Extractables
 QLast Update : Mon Jan 23 15:00:18 2023
 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...	7.560	7084101	48.303 ug/ml
Spiked Amount 50.000		Recovery =	96.61%
6) S 2-Fluorobiphenyl (SURR)	8.416	4564200	45.728 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	91.46%
11) S ortho-Terphenyl (SURR)	11.457	6478979	34.860 ug/ml
Spiked Amount 50.000		Recovery =	69.72%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.367	5443265	34.100 ug/ml
2) T Naphthalene (C11.7)	5.898	6251957	36.899 ug/ml
3) T 2-Methylnaphthalene (...)	6.948	6294704	36.691 ug/ml
5) T Acenaphthylene (C15.06)	8.220	6929048	44.094 ug/ml
7) T Acenaphthene (C15.5)	8.517	7056183	42.438 ug/ml
8) T Fluorene (C16.55)	9.296	7225126	44.019 ug/ml
9) T Phenanthrene (C19.36)	10.688	7519591	46.508 ug/ml
10) T Anthracene (C19.43)	10.763	7479098	50.450 ug/ml
12) T Fluoranthene (C21.85)	12.495	7681047	47.994 ug/ml
13) T Pyrene (C20.8)	12.791	7628885	48.618 ug/ml
14) T Benzo[a]anthracene (C...	14.656	7222453	50.604 ug/ml
15) T Chrysene (C27.41)	14.701	7171917	48.438 ug/ml
16) T benzo[b]fluoranthene ...	16.200	7109725	49.009 ug/ml
17) T Bnezo[k]fluoranthene ...	16.235	6806247	47.739 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.576	6311466	45.166 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.936	6732124	50.027 ug/ml
20) T Dibenz[a,h]anthracene...	17.979	6469831	48.822 ug/ml
21) T Benzo[g,h,i]perylene ...	18.192	6580782	48.400 ug/ml

(f)=RT Delta > 1/2 Window

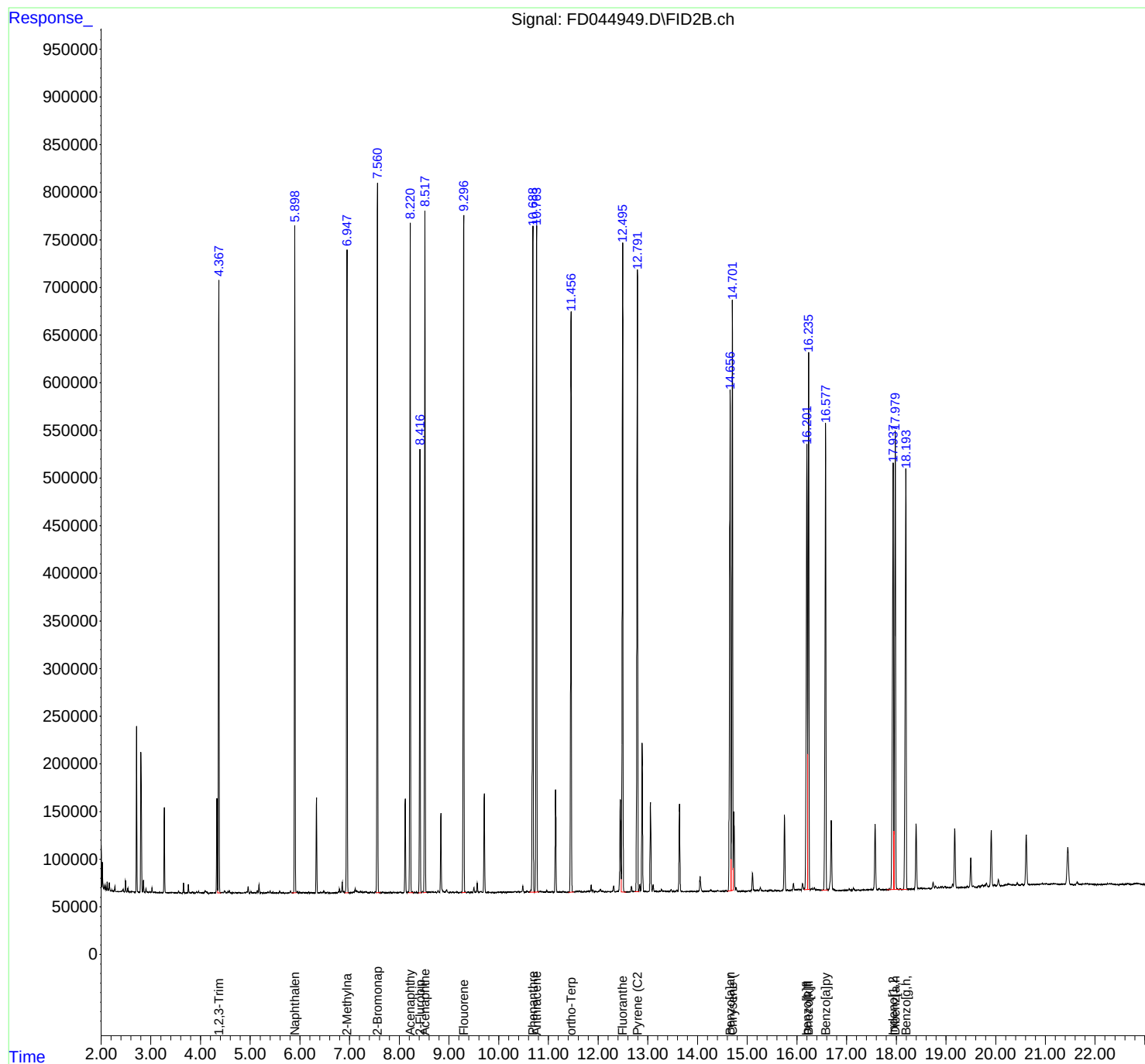
(m)=manual int.

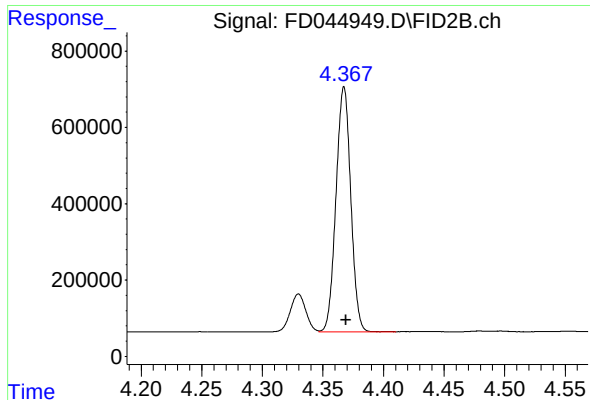
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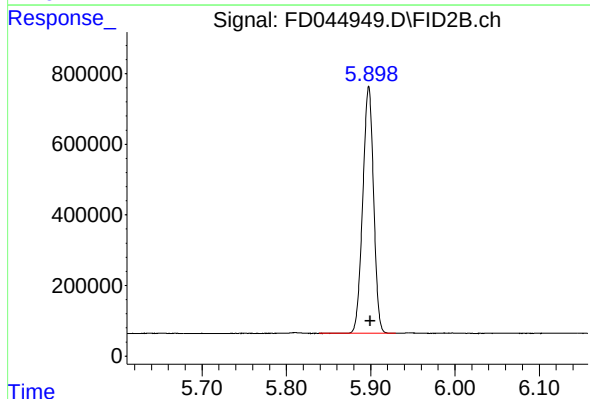




#1 1,2,3-Trimethylbenzene (C10.1)

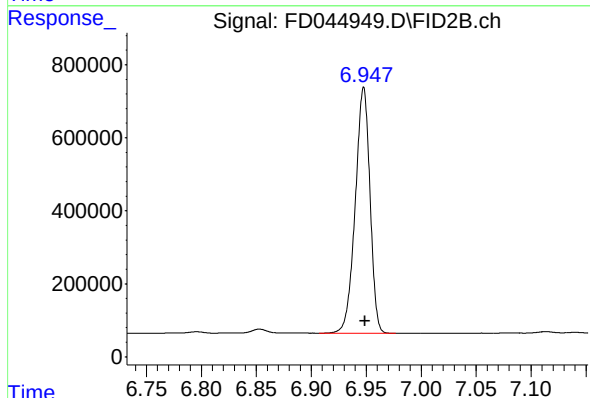
R.T.: 4.367 min
Delta R.T.: -0.002 min
Response: 5443265
Conc: 34.10 ug/ml

Instrument :
FID_D
ClientSampleId :



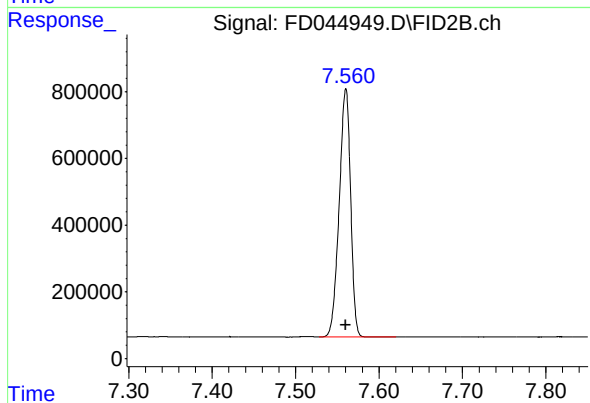
#2 Naphthalene (C11.7)

R.T.: 5.898 min
Delta R.T.: -0.002 min
Response: 6251957
Conc: 36.90 ug/ml



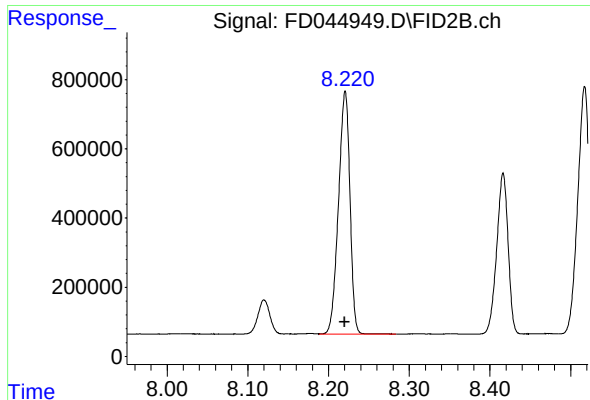
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.948 min
Delta R.T.: -0.001 min
Response: 6294704
Conc: 36.69 ug/ml



#4 2-Bromonaphthalene (SURR)

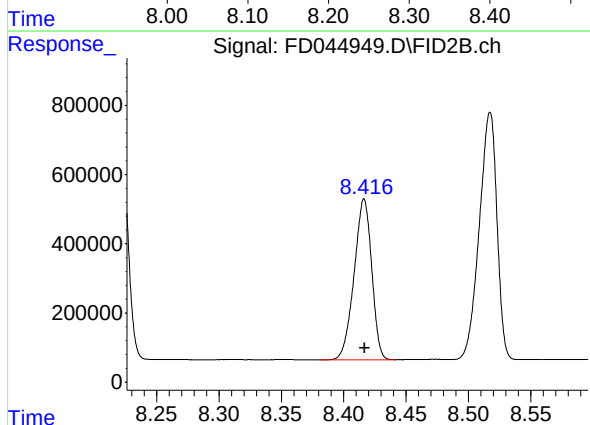
R.T.: 7.560 min
Delta R.T.: 0.000 min
Response: 7084101
Conc: 48.30 ug/ml



#5 Acenaphthylene (C15.06)

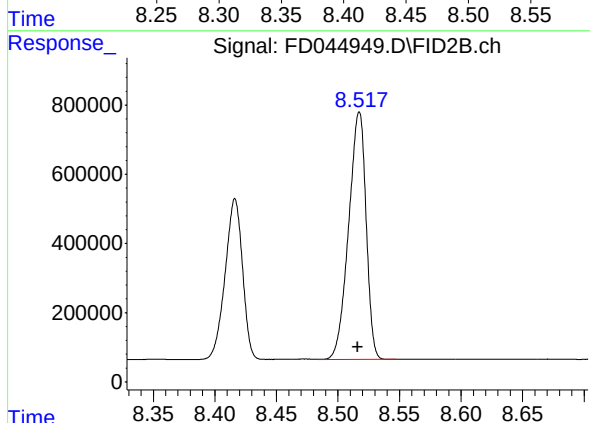
R.T.: 8.220 min
Delta R.T.: 0.000 min
Response: 6929048
Conc: 44.09 ug/ml

Instrument :
FID_D
ClientSampleId :



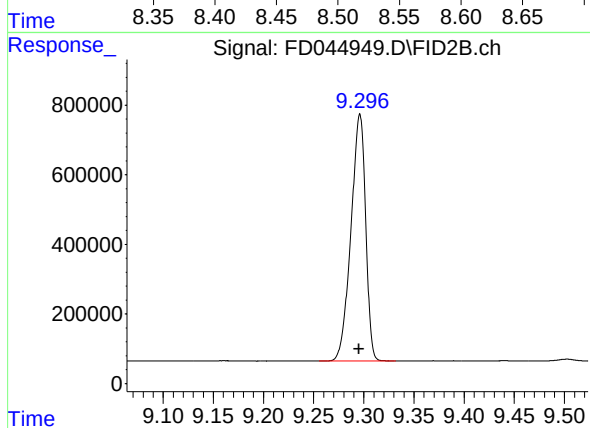
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.416 min
Delta R.T.: 0.000 min
Response: 4564200
Conc: 45.73 ug/ml



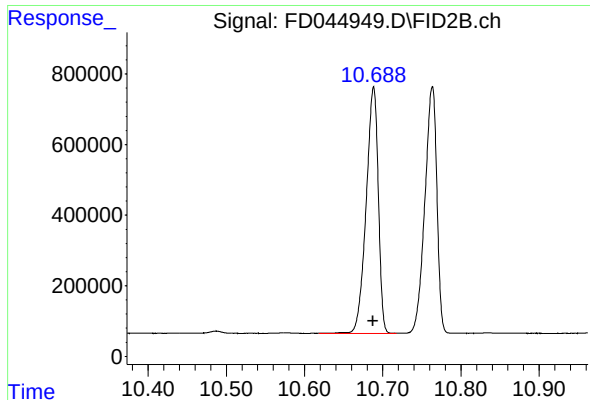
#7 Acenaphthene (C15.5)

R.T.: 8.517 min
Delta R.T.: 0.001 min
Response: 7056183
Conc: 42.44 ug/ml



#8 Flouorene (C16.55)

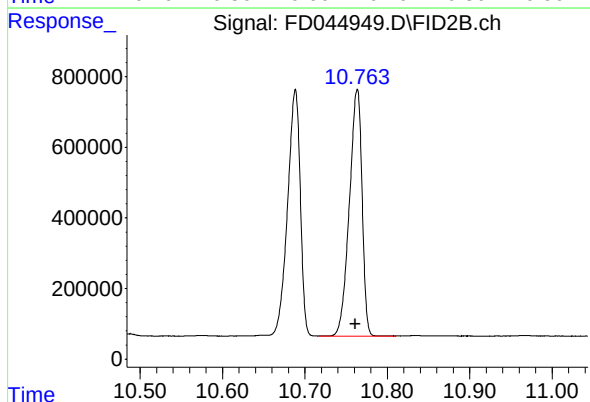
R.T.: 9.296 min
Delta R.T.: 0.000 min
Response: 7225126
Conc: 44.02 ug/ml



#9 Phenanthrene (C19.36)

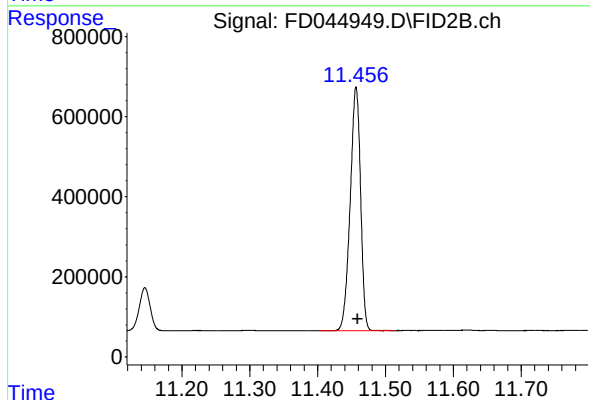
R.T.: 10.688 min
Delta R.T.: 0.000 min
Response: 7519591
Conc: 46.51 ug/ml

Instrument :
FID_D
ClientSampleId :



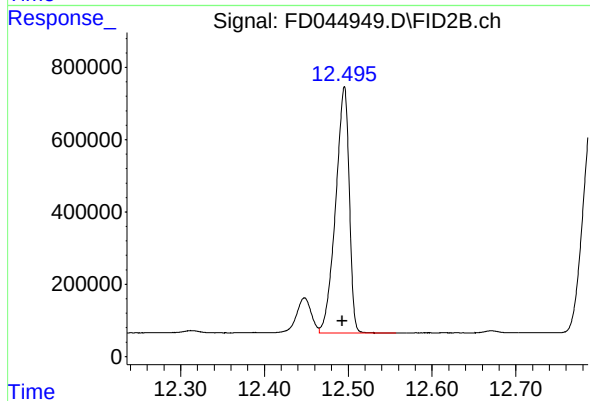
#10 Anthracene (C19.43)

R.T.: 10.763 min
Delta R.T.: 0.002 min
Response: 7479098
Conc: 50.45 ug/ml



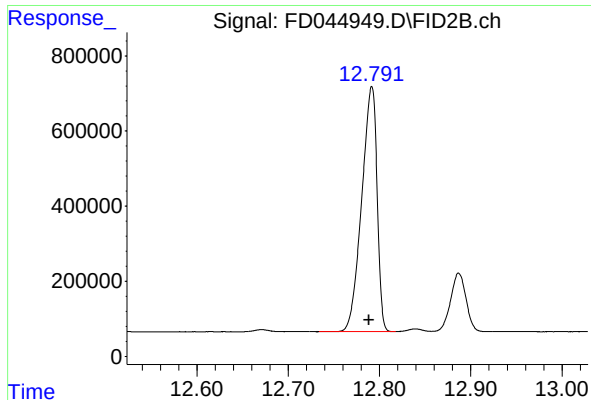
#11 ortho-Terphenyl (SURR)

R.T.: 11.457 min
Delta R.T.: -0.003 min
Response: 6478979
Conc: 34.86 ug/ml



#12 Fluoranthene (C21.85)

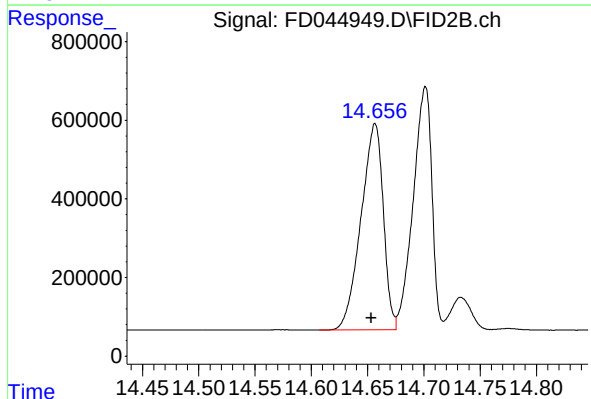
R.T.: 12.495 min
Delta R.T.: 0.002 min
Response: 7681047
Conc: 47.99 ug/ml



#13 Pyrene (C20.8)

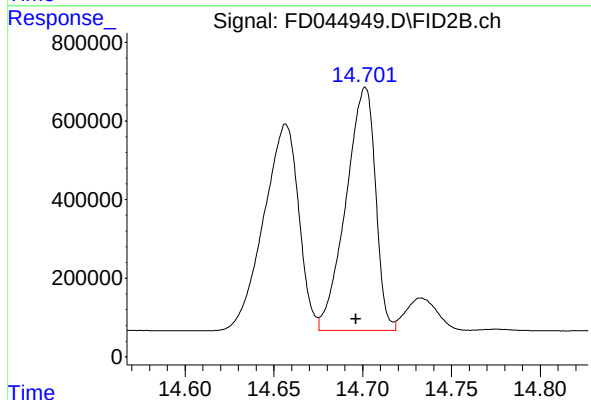
R.T.: 12.791 min
Delta R.T.: 0.003 min
Response: 762885
Conc: 48.62 ug/ml

Instrument :
FID_D
ClientSampleId :



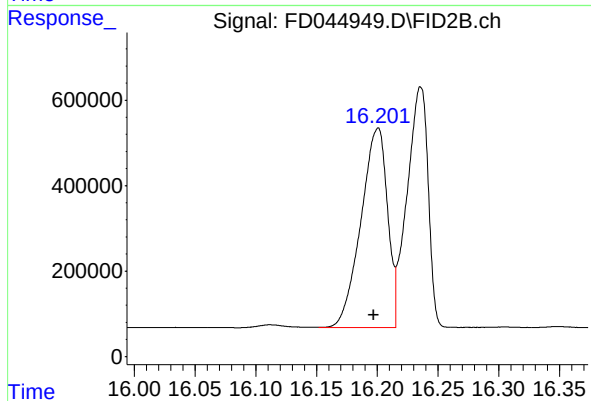
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.656 min
Delta R.T.: 0.003 min
Response: 7222453
Conc: 50.60 ug/ml



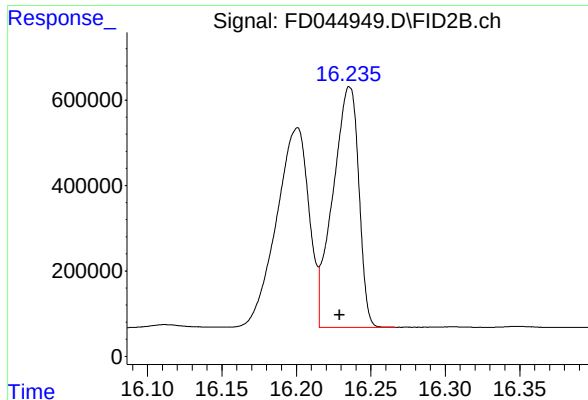
#15 Chrysene (C27.41)

R.T.: 14.701 min
Delta R.T.: 0.005 min
Response: 7171917
Conc: 48.44 ug/ml



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

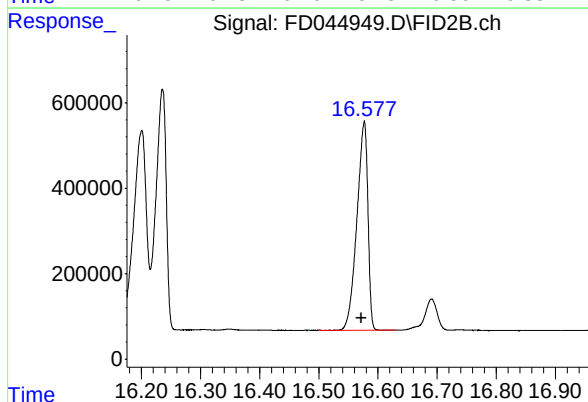
R.T.: 16.200 min
Delta R.T.: 0.003 min
Response: 7109725
Conc: 49.01 ug/ml



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

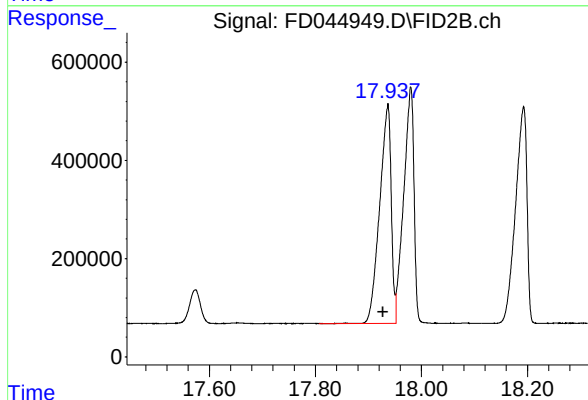
R.T.: 16.235 min
Delta R.T.: 0.006 min
Response: 6806247
Conc: 47.74 ug/ml

Instrument :
FID_D
ClientSampleId :



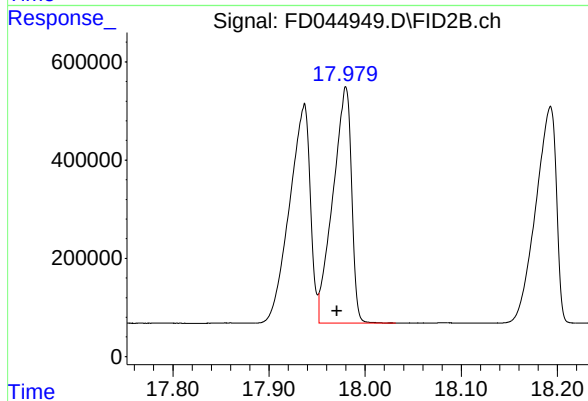
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.576 min
Delta R.T.: 0.005 min
Response: 6311466
Conc: 45.17 ug/ml



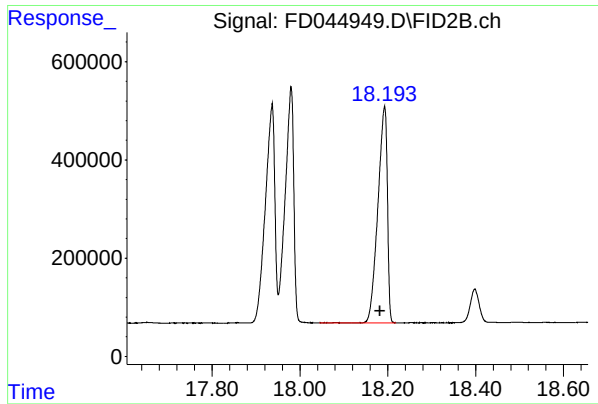
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.936 min
Delta R.T.: 0.008 min
Response: 6732124
Conc: 50.03 ug/ml



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

R.T.: 17.979 min
Delta R.T.: 0.009 min
Response: 6469831
Conc: 48.82 ug/ml



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

R.T.: 18.192 min
Delta R.T.: 0.010 min
Response: 6580782
Conc: 48.40 ug/ml

Instrument :

FID_D

ClientSampleId :