

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD110723AR\
 Data File : FD046844.D
 Signal(s) : FID2B.ch
 Acq On : 07 Nov 2023 20:40
 Operator : YP/AJ
 Sample : 05251-01MS
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Nov 07 22:03:29 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102723.M
 Quant Title : GC Extractables
 QLast Update : Sat Oct 28 02:49:53 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...	7.485	7914024	43.394 ug/ml
Spiked Amount 50.000		Recovery =	86.79%
6) S 2-Fluorobiphenyl (SURR)	8.337	4379981	37.219 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	74.44%
11) S ortho-Terphenyl (SURR)	11.375	6494033	30.668 ug/ml
Spiked Amount 50.000		Recovery =	61.34%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.296	4574927	23.689 ug/ml
2) T Naphthalene (C11.7)	5.823	5563232	27.782 ug/ml
3) T 2-Methylnaphthalene (...)	6.872	5918259	29.446 ug/ml
5) T Acenaphthylene (C15.06)	8.141	6373798	34.654 ug/ml
7) T Acenaphthene (C15.5)	8.437	6462645	32.992 ug/ml
8) T Fluorene (C16.55)	9.216	6758478	36.539 ug/ml
9) T Phenanthrene (C19.36)	10.605	7158199	40.236 ug/ml
10) T Anthracene (C19.43)	10.679	6725924	39.467 ug/ml
12) T Fluoranthene (C21.85)	12.408	7521586	43.551 ug/ml
13) T Pyrene (C20.8)	12.703	7441170	44.752 ug/ml
14) T Benzo[a]anthracene (C...	14.567	6536745	46.461 ug/ml
15) T Chrysene (C27.41)	14.610	6618225	42.437 ug/ml
16) T benzo[b]fluoranthene ...	16.110	6414514	44.817 ug/ml
17) T Bnezo[k]fluoranthene ...	16.144	6178560	42.202 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.485	5898477	42.082 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.844	6063278	47.996 ug/ml
20) T Dibenz[a,h]anthracene...	17.884	5453673	39.038 ug/ml
21) T Benzo[g,h,i]perylene ...	18.097	5582082	39.979 ug/ml

(f)=RT Delta > 1/2 Window

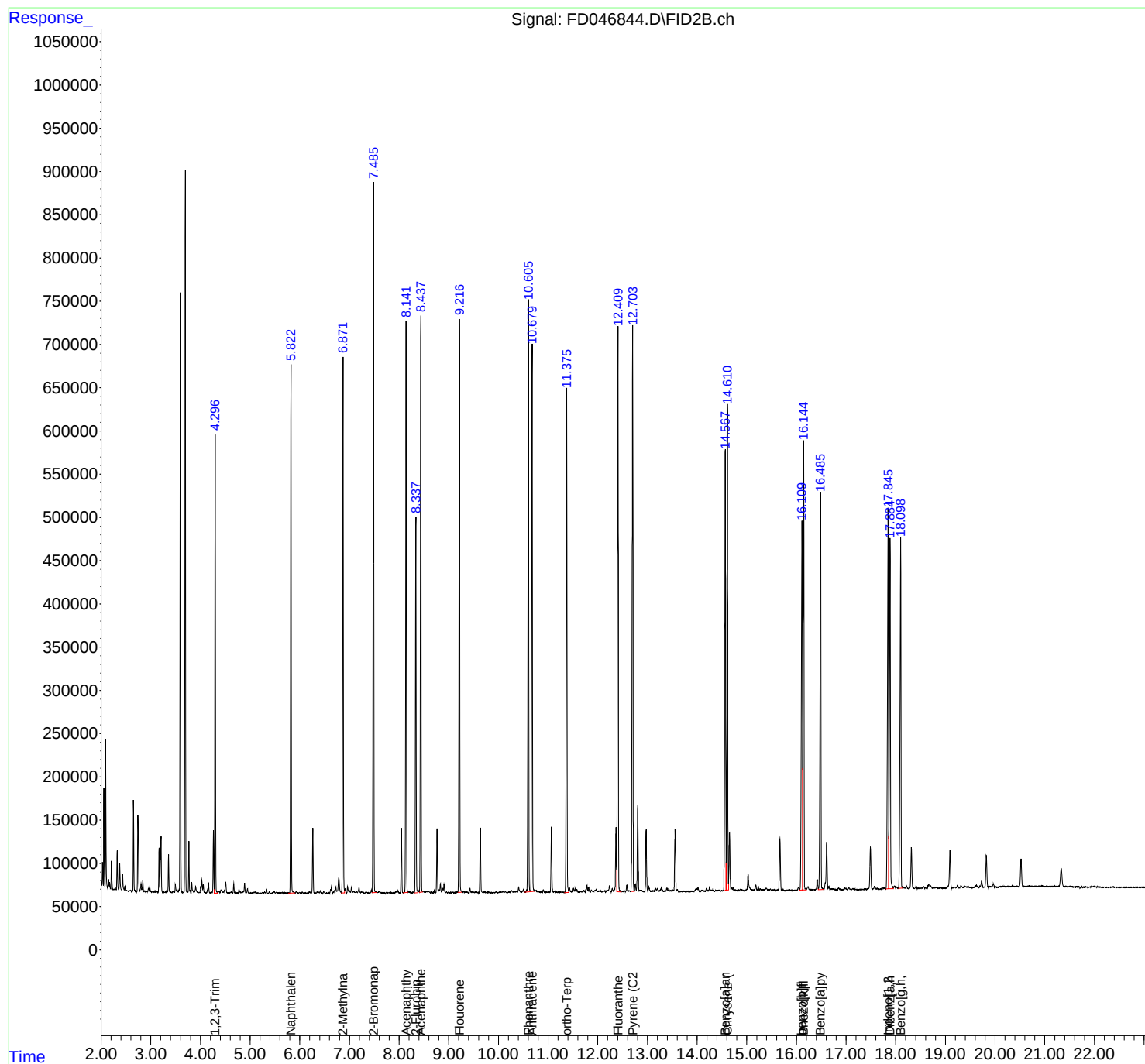
(m)=manual int.

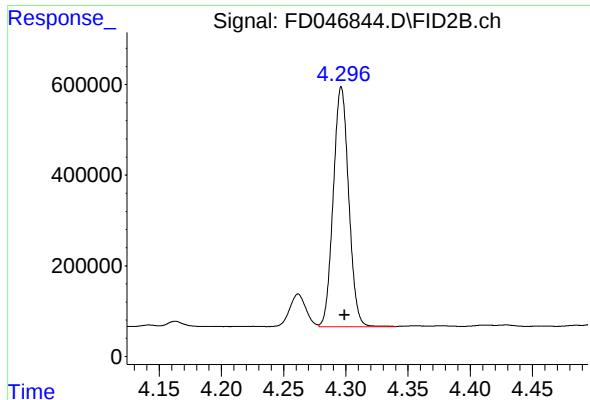
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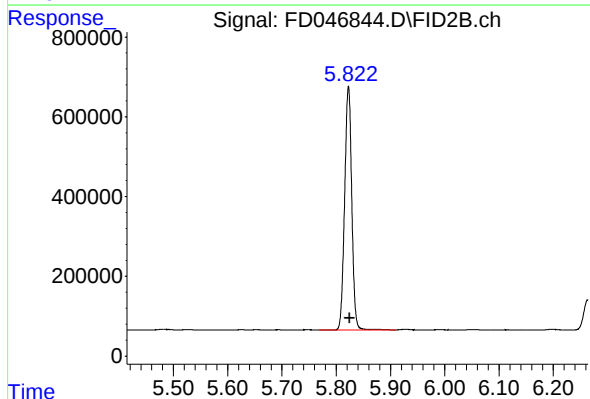




#1 1,2,3-Trimethylbenzene (C10.1)

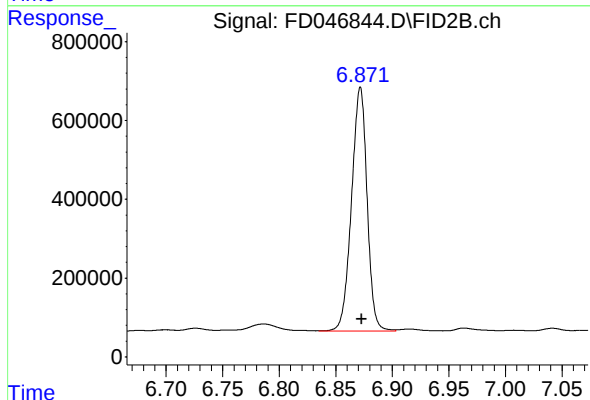
R.T.: 4.296 min
Delta R.T.: -0.003 min
Response: 4574927
Conc: 23.69 ug/ml

Instrument :
FID_D
ClientSampleId :



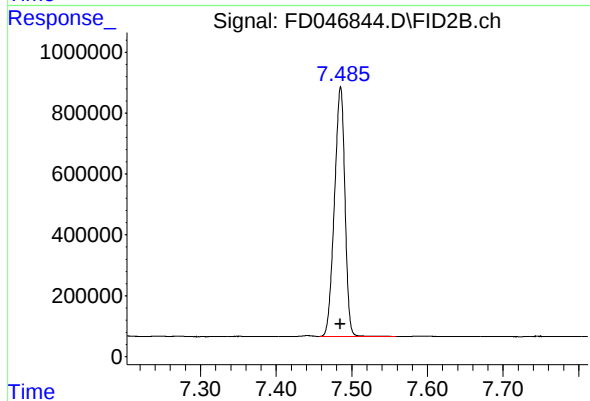
#2 Naphthalene (C11.7)

R.T.: 5.823 min
Delta R.T.: -0.002 min
Response: 5563232
Conc: 27.78 ug/ml



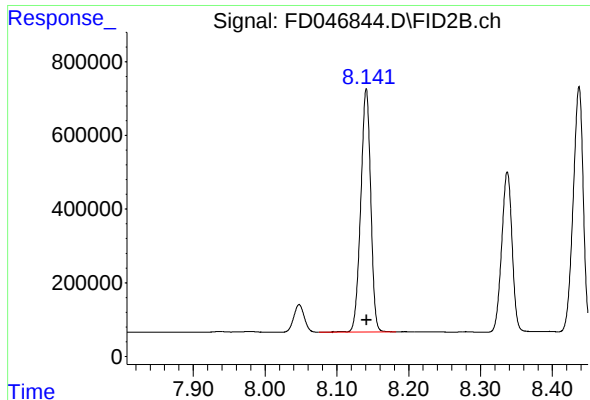
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.872 min
Delta R.T.: -0.001 min
Response: 5918259
Conc: 29.45 ug/ml



#4 2-Bromonaphthalene (SURR)

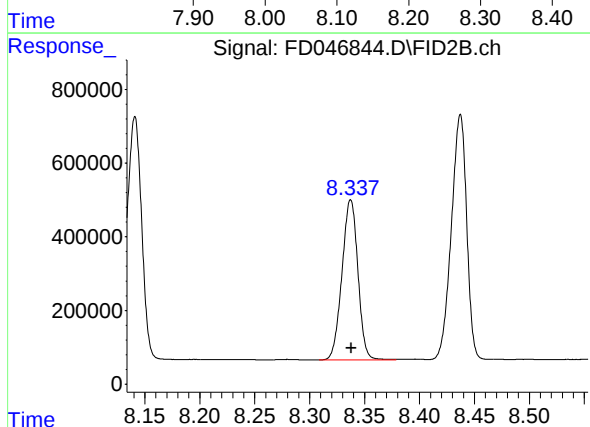
R.T.: 7.485 min
Delta R.T.: 0.000 min
Response: 7914024
Conc: 43.39 ug/ml



#5 Acenaphthylene (C15.06)

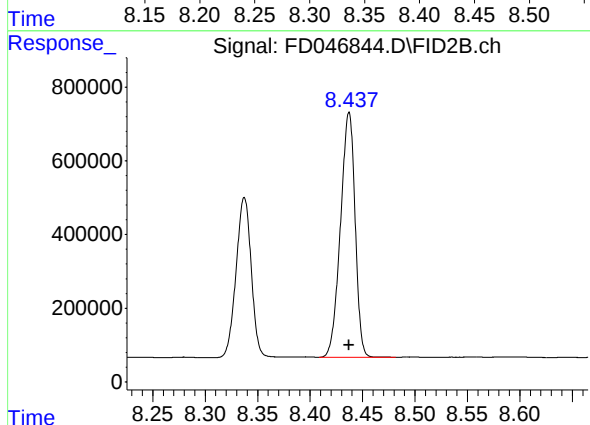
R.T.: 8.141 min
Delta R.T.: 0.000 min
Response: 6373798
Conc: 34.65 ug/ml

Instrument :
FID_D
ClientSampleId :



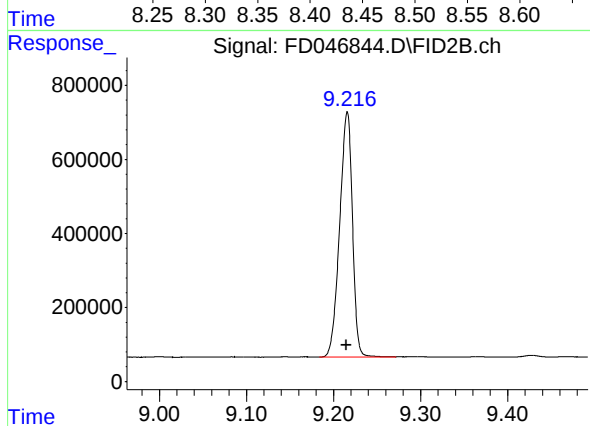
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.337 min
Delta R.T.: 0.000 min
Response: 4379981
Conc: 37.22 ug/ml



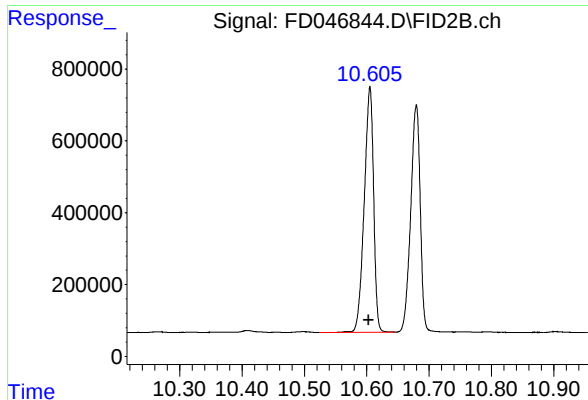
#7 Acenaphthene (C15.5)

R.T.: 8.437 min
Delta R.T.: 0.000 min
Response: 6462645
Conc: 32.99 ug/ml



#8 Flouorene (C16.55)

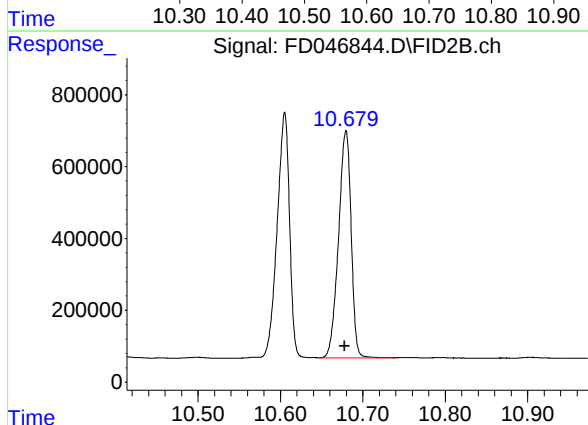
R.T.: 9.216 min
Delta R.T.: 0.000 min
Response: 6758478
Conc: 36.54 ug/ml



#9 Phenanthrene (C19.36)

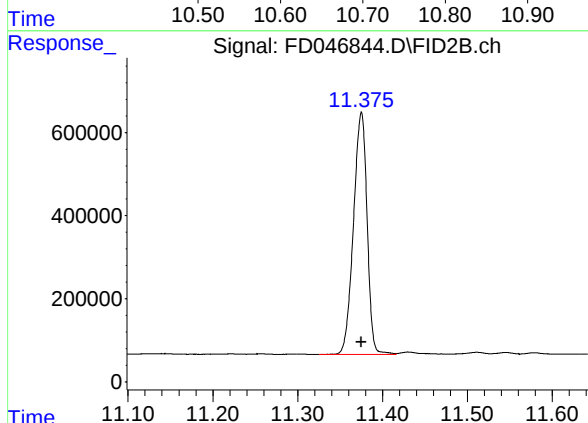
R.T.: 10.605 min
Delta R.T.: 0.001 min
Response: 7158199
Conc: 40.24 ug/ml

Instrument :
FID_D
ClientSampleId :



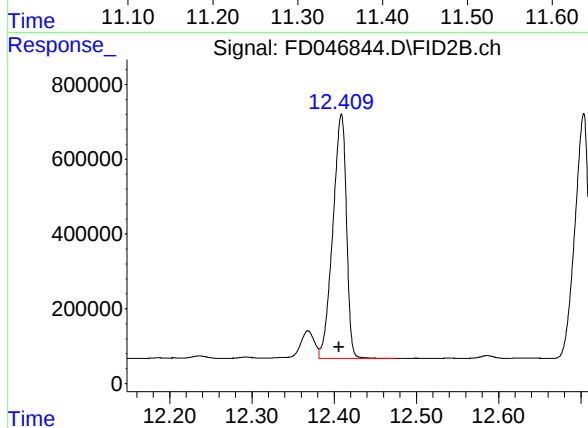
#10 Anthracene (C19.43)

R.T.: 10.679 min
Delta R.T.: 0.001 min
Response: 6725924
Conc: 39.47 ug/ml



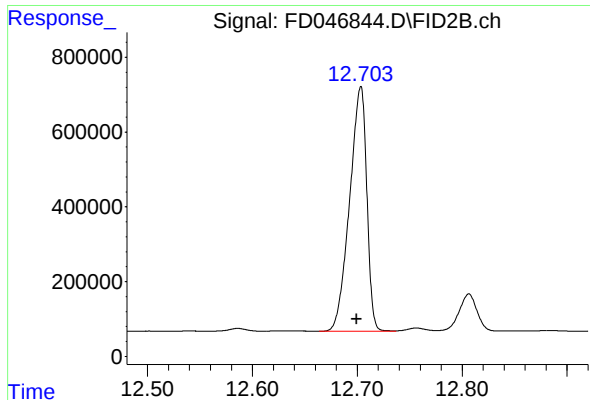
#11 ortho-Terphenyl (SURR)

R.T.: 11.375 min
Delta R.T.: 0.000 min
Response: 6494033
Conc: 30.67 ug/ml



#12 Fluoranthene (C21.85)

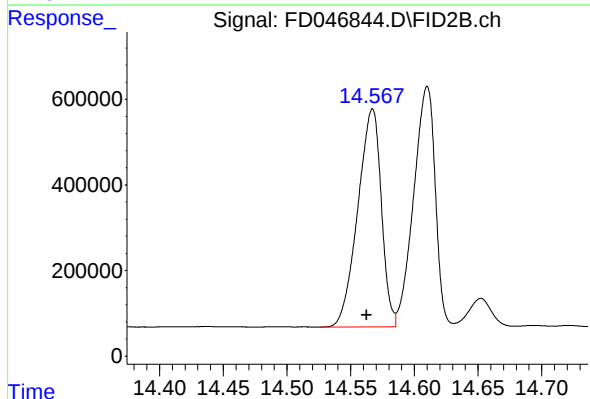
R.T.: 12.408 min
Delta R.T.: 0.003 min
Response: 7521586
Conc: 43.55 ug/ml



#13 Pyrene (C20.8)

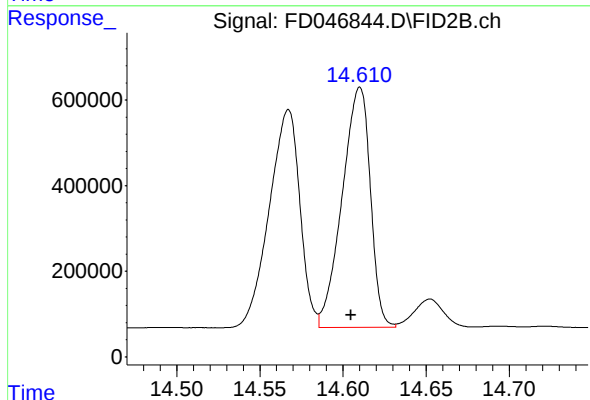
R.T.: 12.703 min
Delta R.T.: 0.004 min
Response: 7441170
Conc: 44.75 ug/ml

Instrument :
FID_D
ClientSampleId :



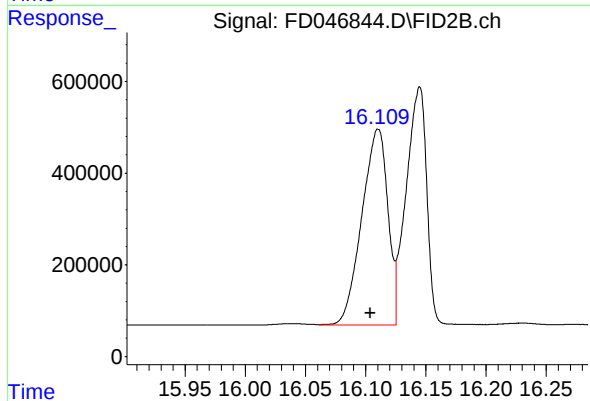
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.567 min
Delta R.T.: 0.004 min
Response: 6536745
Conc: 46.46 ug/ml



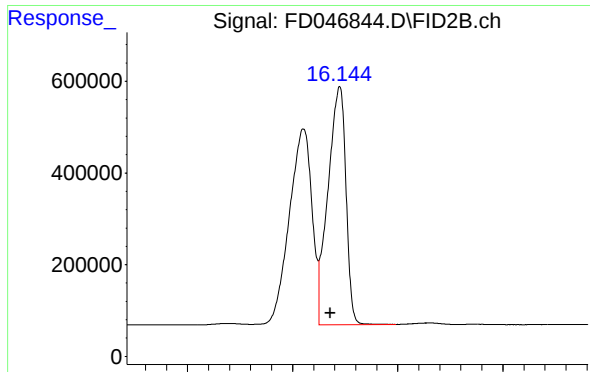
#15 Chrysene (C27.41)

R.T.: 14.610 min
Delta R.T.: 0.005 min
Response: 6618225
Conc: 42.44 ug/ml



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

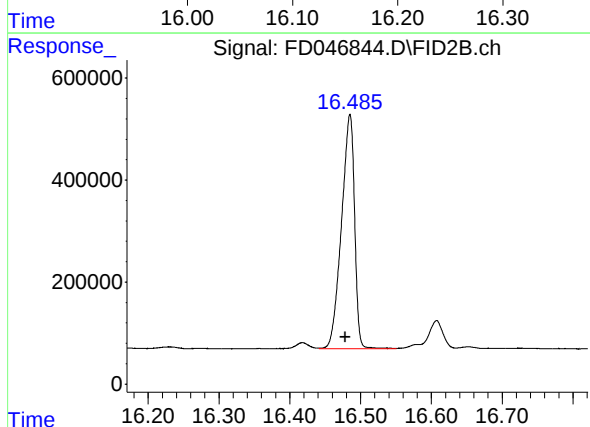
R.T.: 16.110 min
Delta R.T.: 0.006 min
Response: 6414514
Conc: 44.82 ug/ml



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

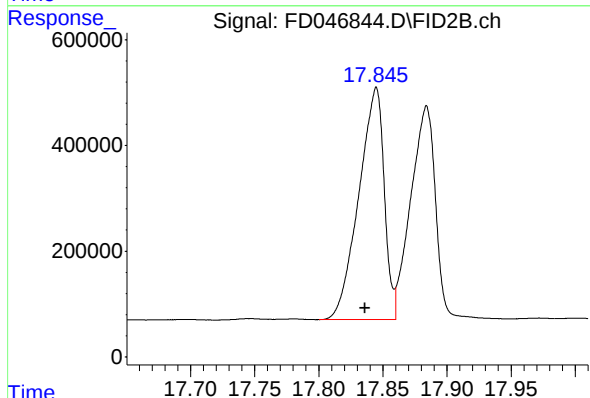
R.T.: 16.144 min
Delta R.T.: 0.008 min
Response: 6178560
Conc: 42.20 ug/ml

Instrument :
FID_D
ClientSampleId :



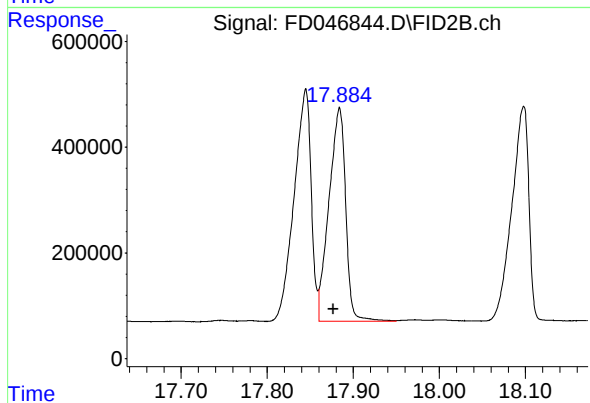
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.485 min
Delta R.T.: 0.006 min
Response: 5898477
Conc: 42.08 ug/ml



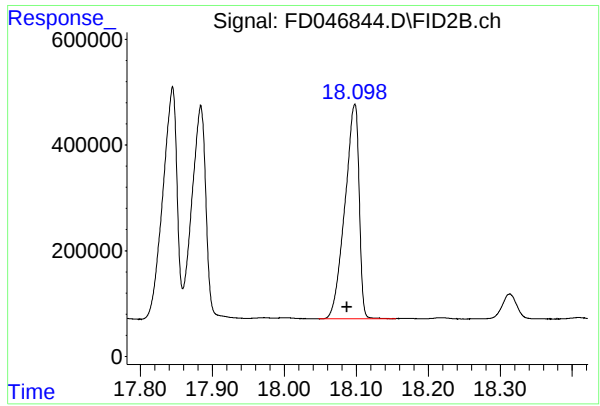
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.844 min
Delta R.T.: 0.008 min
Response: 6063278
Conc: 48.00 ug/ml



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

R.T.: 17.884 min
Delta R.T.: 0.006 min
Response: 5453673
Conc: 39.04 ug/ml



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

R.T.: 18.097 min
Delta R.T.: 0.010 min
Response: 5582082
Conc: 39.98 ug/ml

Instrument :

FID_D

ClientSampleId :