

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051724AR\
 Data File : FD047788.D
 Signal(s) : FID2B.ch
 Acq On : 17 May 2024 18:57
 Operator : YP/AJ
 Sample : P2474-02MSD
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 18 04:06:19 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042924.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 29 17:13:11 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...	7.459	6453555	41.150 ug/ml
Spiked Amount 50.000		Recovery =	82.30%
6) S 2-Fluorobiphenyl (SURR)	8.312	4071190	38.921 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	77.84%
11) S ortho-Terphenyl (SURR)	11.352	4787969	25.531 ug/ml
Spiked Amount 50.000		Recovery =	51.06%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.270	4503412	27.854 ug/ml
2) T Naphthalene (C11.7)	5.795	5152821	30.453 ug/ml
3) T 2-Methylnaphthalene (...)	6.846	5311185	31.180 ug/ml
5) T Acenaphthylene (C15.06)	8.115	5595521	34.311 ug/ml
7) T Acenaphthene (C15.5)	8.411	5497040	32.702 ug/ml
8) T Flouorene (C16.55)	9.190	5613488	33.746 ug/ml
9) T Phenanthrene (C19.36)	10.581	5775545	35.277 ug/ml
10) T Anthracene (C19.43)	10.656	5745108	38.356 ug/ml
12) T Fluoranthene (C21.85)	12.388	5859693	35.313 ug/ml
13) T Pyrene (C20.8)	12.683	5965074	36.661 ug/ml
14) T Benzo[a]anthracene (C...	14.553	5507293	37.728 ug/ml
15) T Chrysene (C27.41)	14.595	5533741	35.116 ug/ml
16) T benzo[b]fluoranthene ...	16.101	5447610	36.474 ug/ml
17) T Bnezo[k]fluoranthene ...	16.135	5448771	36.192 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.477	5186901	35.947 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.843	5621173	41.418 ug/ml
20) T Dibenz[a,h]anthracene...	17.881	5203113	36.341 ug/ml
21) T Benzo[g,h,i]perylene ...	18.095	5054208	36.812 ug/ml

(f)=RT Delta > 1/2 Window

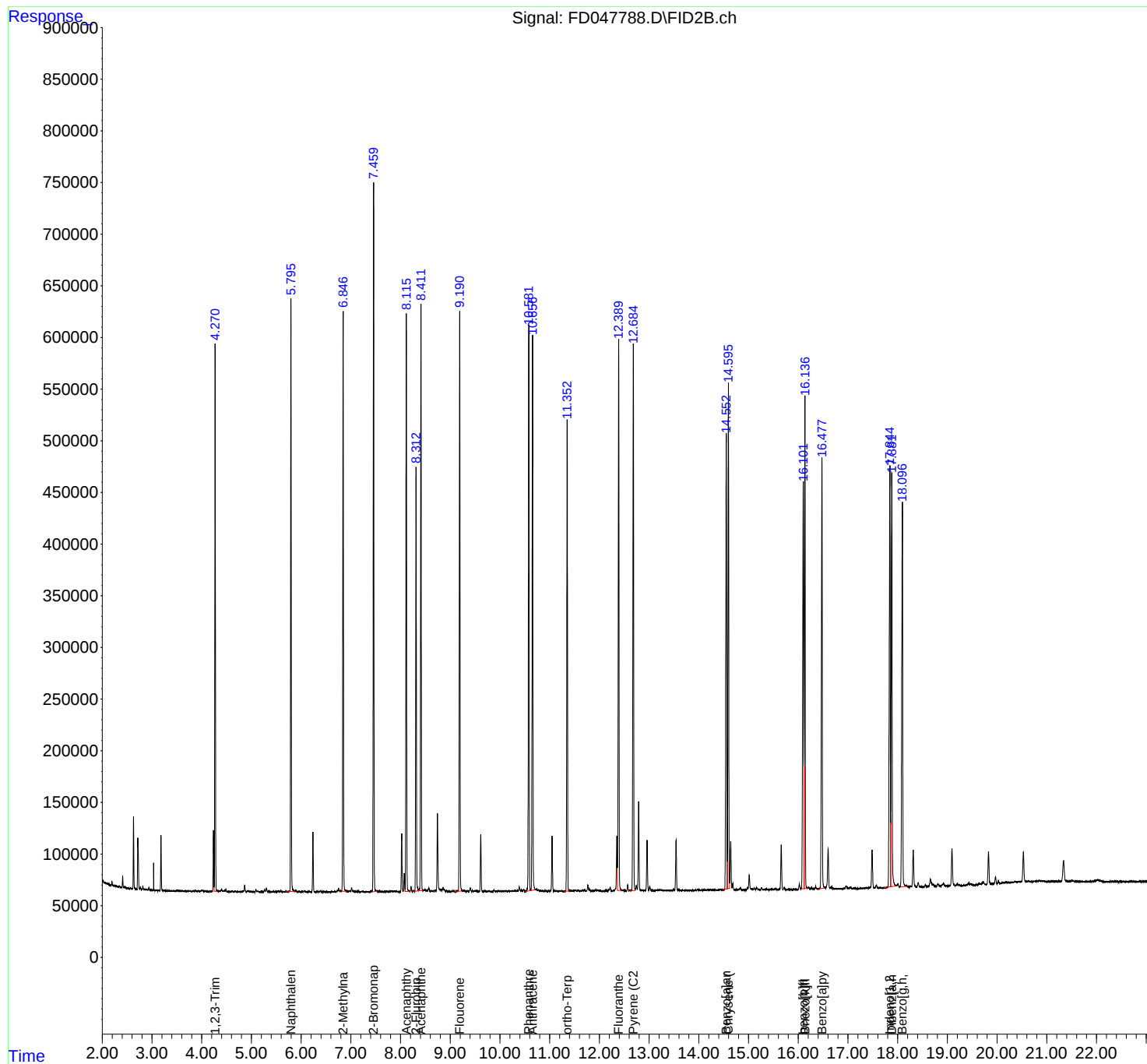
(m)=manual int.

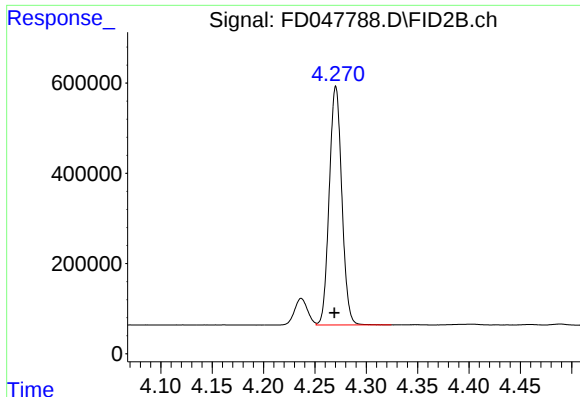
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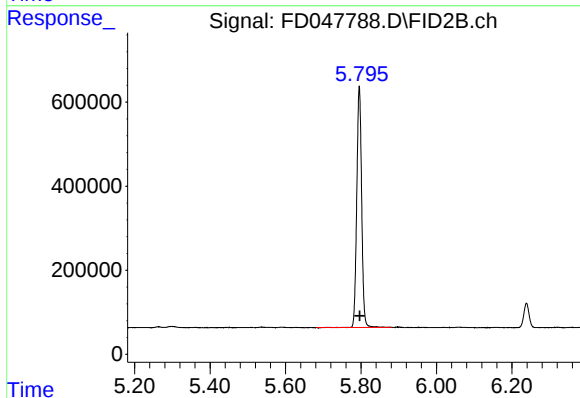




#1 1,2,3-Trimethylbenzene (C10.1)

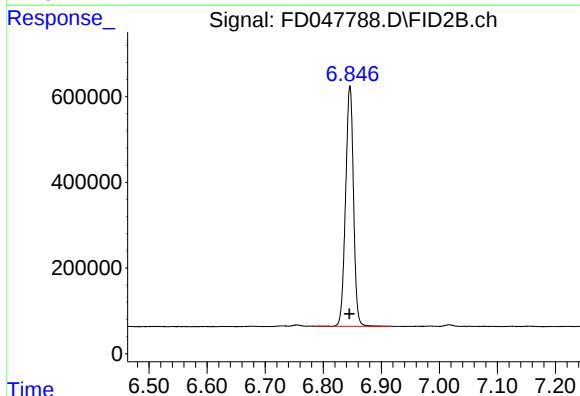
R.T.: 4.270 min
Delta R.T.: 0.001 min
Response: 4503412
Conc: 27.85 ug/ml

Instrument :
FID_D
ClientSampleId :



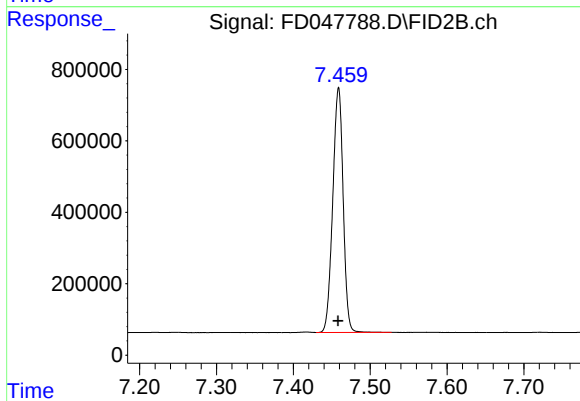
#2 Naphthalene (C11.7)

R.T.: 5.795 min
Delta R.T.: -0.001 min
Response: 5152821
Conc: 30.45 ug/ml



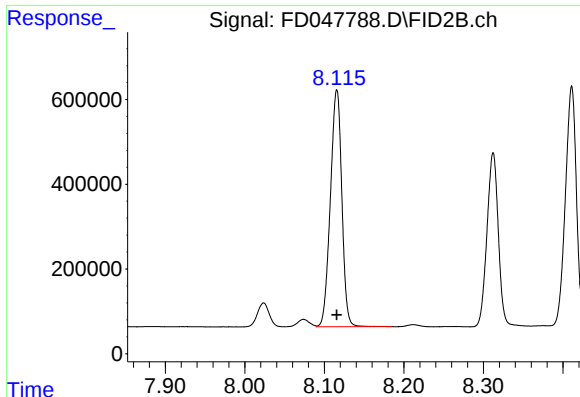
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.846 min
Delta R.T.: 0.000 min
Response: 5311185
Conc: 31.18 ug/ml



#4 2-Bromonaphthalene (SURR)

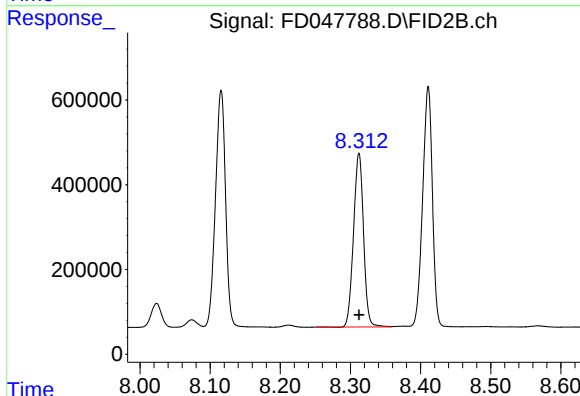
R.T.: 7.459 min
Delta R.T.: 0.000 min
Response: 6453555
Conc: 41.15 ug/ml



#5 Acenaphthylene (C15.06)

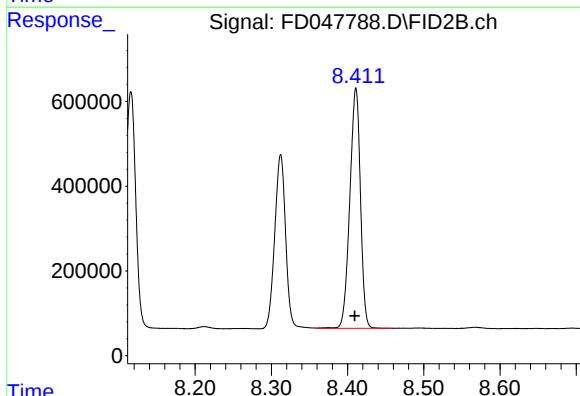
R.T.: 8.115 min
Delta R.T.: 0.000 min
Response: 5595521
Conc: 34.31 ug/ml

Instrument :
FID_D
ClientSampleId :



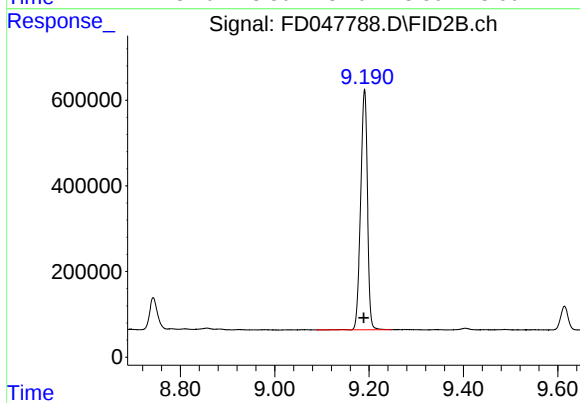
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.312 min
Delta R.T.: 0.000 min
Response: 4071190
Conc: 38.92 ug/ml



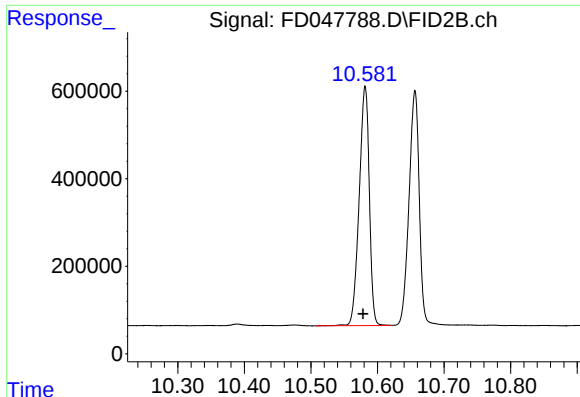
#7 Acenaphthene (C15.5)

R.T.: 8.411 min
Delta R.T.: 0.001 min
Response: 5497040
Conc: 32.70 ug/ml



#8 Fluorene (C16.55)

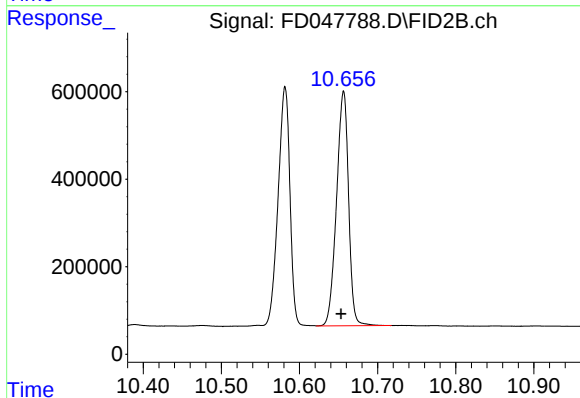
R.T.: 9.190 min
Delta R.T.: 0.001 min
Response: 5613488
Conc: 33.75 ug/ml



#9 Phenanthrene (C19.36)

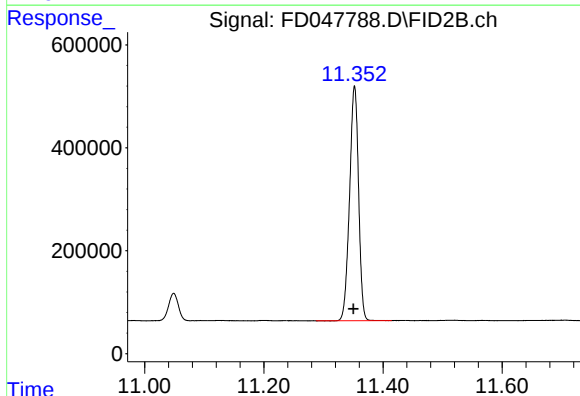
R.T.: 10.581 min
Delta R.T.: 0.003 min
Response: 5775545
Conc: 35.28 ug/ml

Instrument :
FID_D
ClientSampleId :



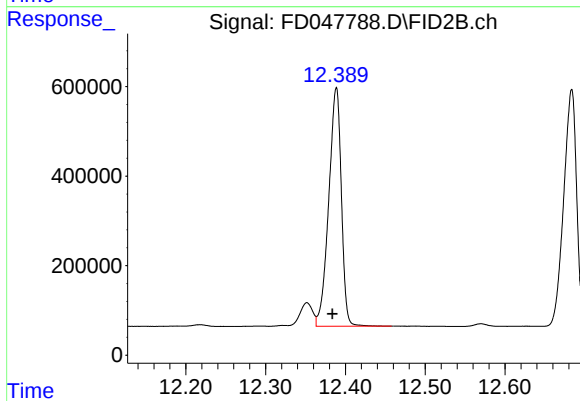
#10 Anthracene (C19.43)

R.T.: 10.656 min
Delta R.T.: 0.003 min
Response: 5745108
Conc: 38.36 ug/ml



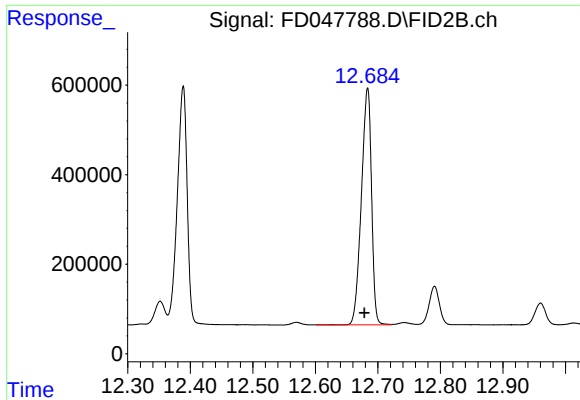
#11 ortho-Terphenyl (SURR)

R.T.: 11.352 min
Delta R.T.: 0.002 min
Response: 4787969
Conc: 25.53 ug/ml



#12 Fluoranthene (C21.85)

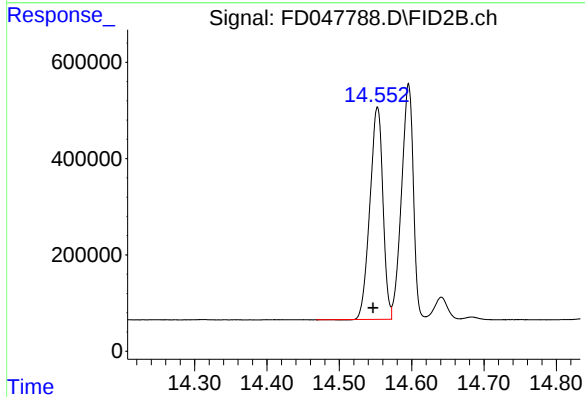
R.T.: 12.388 min
Delta R.T.: 0.005 min
Response: 5859693
Conc: 35.31 ug/ml



#13 Pyrene (C20.8)

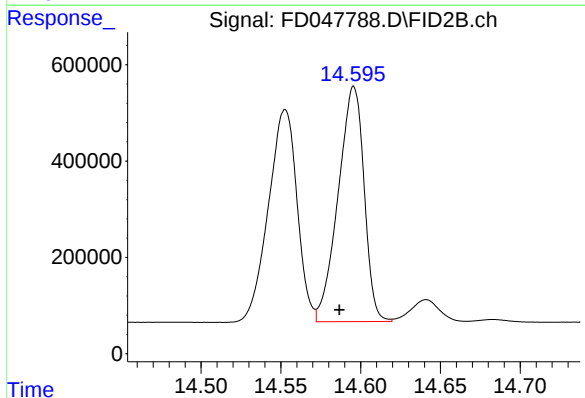
R.T.: 12.683 min
Delta R.T.: 0.005 min
Response: 5965074
Conc: 36.66 ug/ml

Instrument :
FID_D
ClientSampleId :



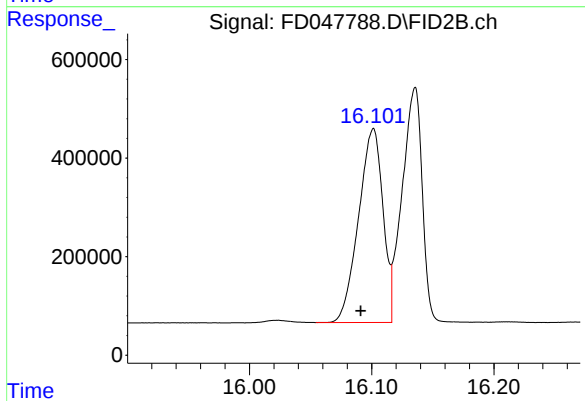
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.553 min
Delta R.T.: 0.006 min
Response: 5507293
Conc: 37.73 ug/ml



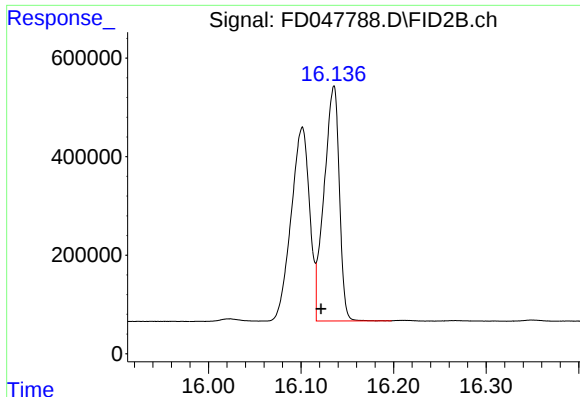
#15 Chrysene (C27.41)

R.T.: 14.595 min
Delta R.T.: 0.009 min
Response: 5533741
Conc: 35.12 ug/ml



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

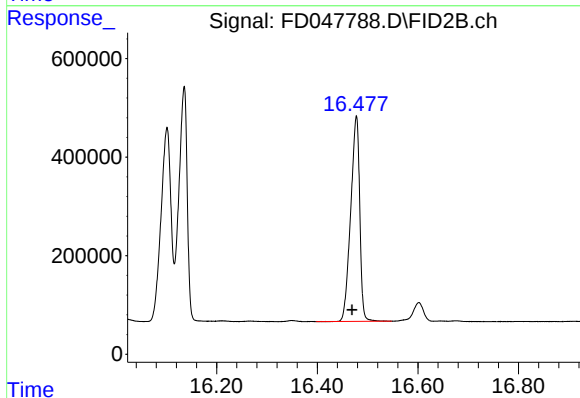
R.T.: 16.101 min
Delta R.T.: 0.010 min
Response: 5447610
Conc: 36.47 ug/ml



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

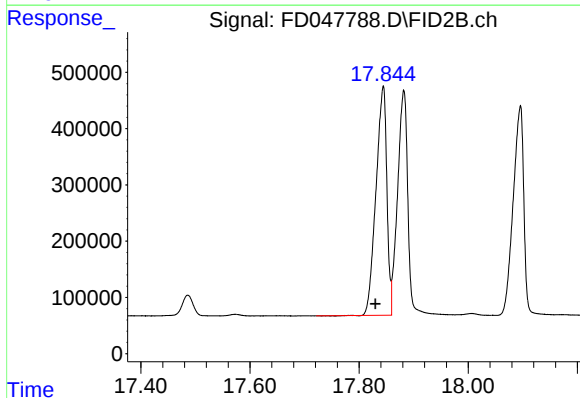
R.T.: 16.135 min
Delta R.T.: 0.013 min
Response: 5448771
Conc: 36.19 ug/ml

Instrument :
FID_D
ClientSampleId :



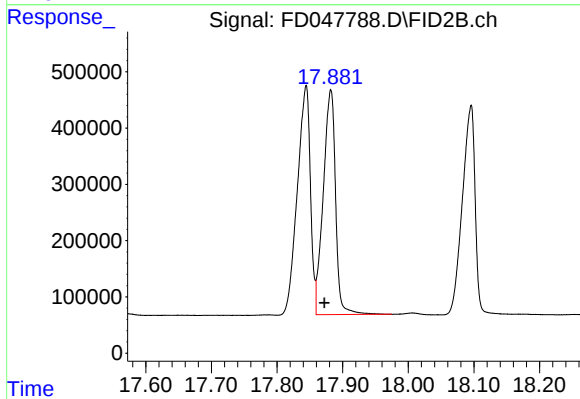
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.477 min
Delta R.T.: 0.008 min
Response: 5186901
Conc: 35.95 ug/ml



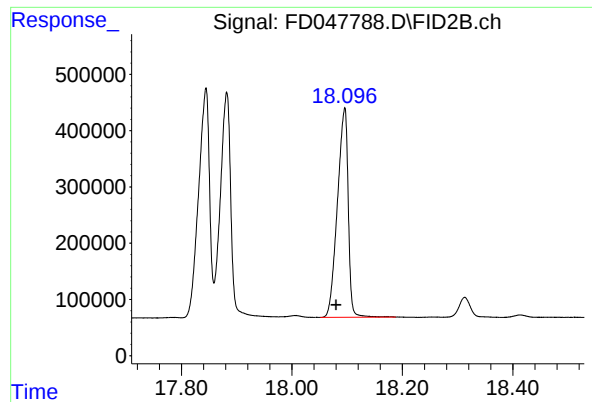
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.843 min
Delta R.T.: 0.014 min
Response: 5621173
Conc: 41.42 ug/ml



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

R.T.: 17.881 min
Delta R.T.: 0.009 min
Response: 5203113
Conc: 36.34 ug/ml



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

R.T.: 18.095 min
Delta R.T.: 0.015 min
Response: 5054208
Conc: 36.81 ug/ml

Instrument :

FID_D

ClientSampleId :