

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022724AR\
 Data File : FD047340.D
 Signal(s) : FID2B.ch
 Acq On : 27 Feb 2024 12:55
 Operator : YP/AJ
 Sample : PB159260BS
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Feb 28 01:55:40 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 020824.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 08 13:43:49 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...	7.466	9022148	59.262 ug/ml
Spiked Amount 50.000		Recovery =	118.52%
6) S 2-Fluorobiphenyl (SURR)	8.319	5859862	57.973 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	115.95%
11) S ortho-Terphenyl (SURR)	11.355	8239577	46.718 ug/ml
Spiked Amount 50.000		Recovery =	93.44%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.278	5555989	35.243 ug/ml
2) T Naphthalene (C11.7)	5.804	6732753	40.511 ug/ml
3) T 2-Methylnaphthalene (...)	6.852	7119579	42.217 ug/ml
5) T Acenaphthylene (C15.06)	8.122	7583860	49.273 ug/ml
7) T Acenaphthene (C15.5)	8.417	7541547	45.753 ug/ml
8) T Flouorene (C16.55)	9.196	7944725	50.109 ug/ml
9) T Phenanthrene (C19.36)	10.585	8194349	52.745 ug/ml
10) T Anthracene (C19.43)	10.659	7579213	51.396 ug/ml
12) T Fluoranthene (C21.85)	12.389	8576288	55.391 ug/ml
13) T Pyrene (C20.8)	12.684	8531173	56.713 ug/ml
14) T Benzo[a]anthracene (C...	14.549	7962332	59.233 ug/ml
15) T Chrysene (C27.41)	14.593	8038737	54.897 ug/ml
16) T benzo[b]fluoranthene ...	16.092	7658067	55.620 ug/ml
17) T Bnezo[k]fluoranthene ...	16.128	7724082	55.666 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.467	7314228	54.029 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.829	7649634	60.593 ug/ml
20) T Dibenz[a,h]anthracene...	17.869	7353159	55.187 ug/ml
21) T Benzo[g,h,i]perylene ...	18.083	6972272	52.583 ug/ml

(f)=RT Delta > 1/2 Window

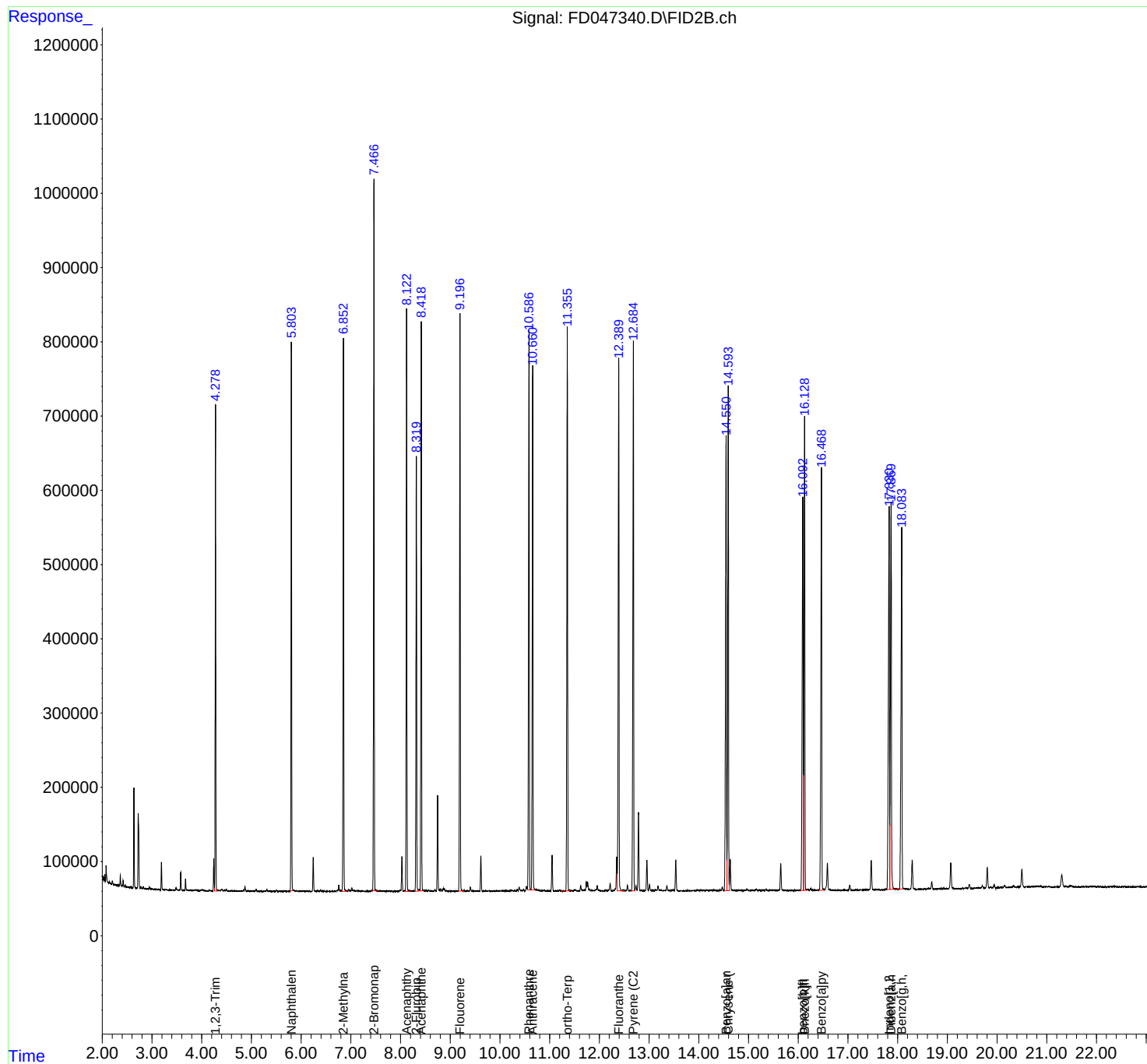
(m)=manual int.

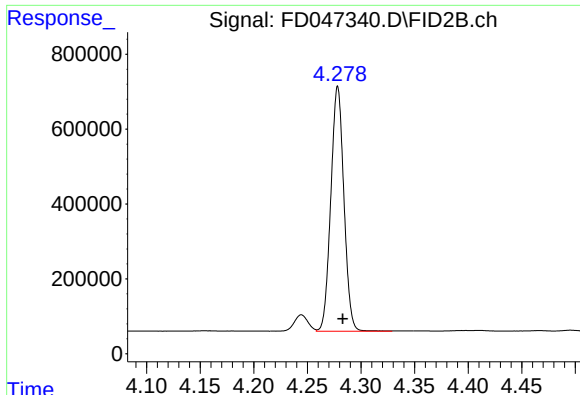
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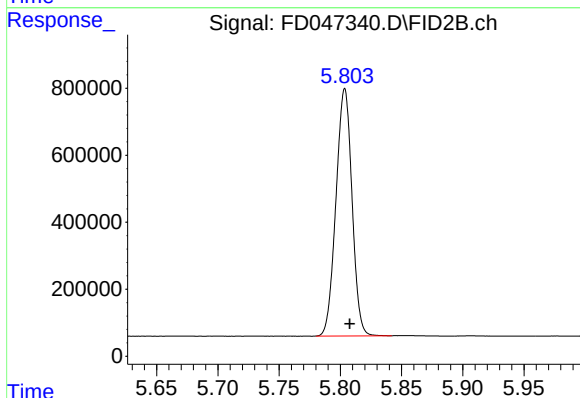




#1 1,2,3-Trimethylbenzene (C10.1)

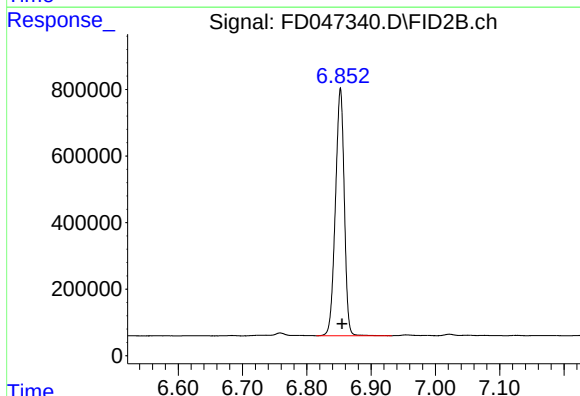
R.T.: 4.278 min
Delta R.T.: -0.005 min
Response: 5555989
Conc: 35.24 ug/ml

Instrument :
FID_D
ClientSampleId :



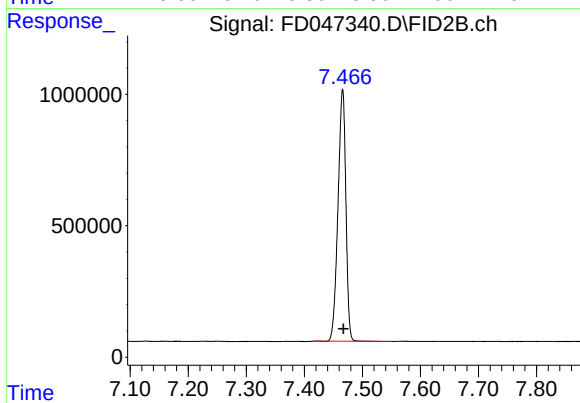
#2 Naphthalene (C11.7)

R.T.: 5.804 min
Delta R.T.: -0.004 min
Response: 6732753
Conc: 40.51 ug/ml



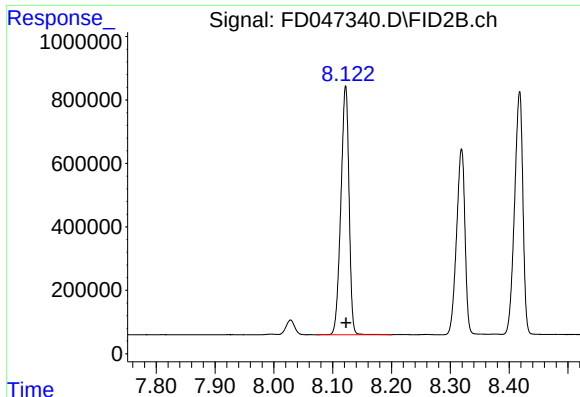
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.852 min
Delta R.T.: -0.003 min
Response: 7119579
Conc: 42.22 ug/ml



#4 2-Bromonaphthalene (SURR)

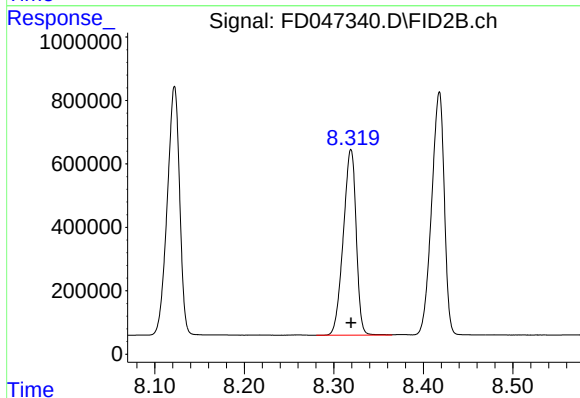
R.T.: 7.466 min
Delta R.T.: -0.001 min
Response: 9022148
Conc: 59.26 ug/ml



#5 Acenaphthylene (C15.06)

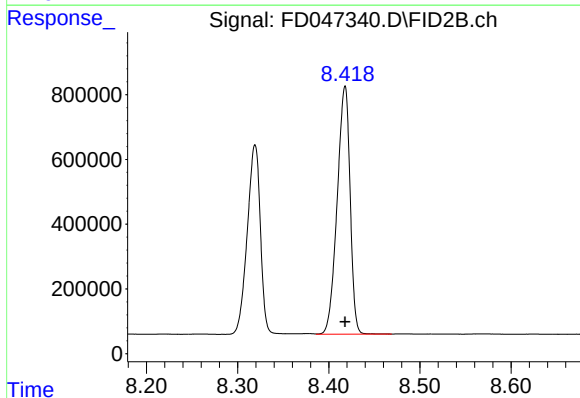
R.T.: 8.122 min
Delta R.T.: -0.001 min
Response: 7583860
Conc: 49.27 ug/ml

Instrument :
FID_D
ClientSampleId :



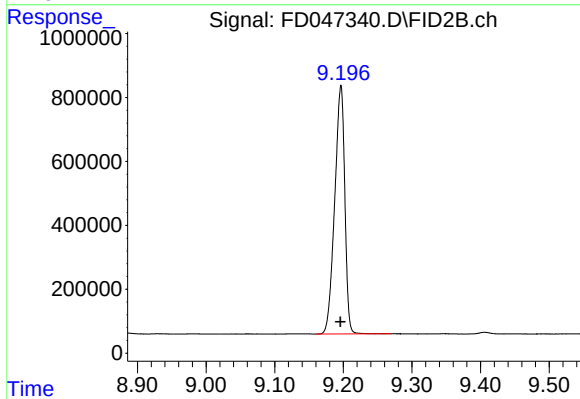
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.319 min
Delta R.T.: 0.000 min
Response: 5859862
Conc: 57.97 ug/ml



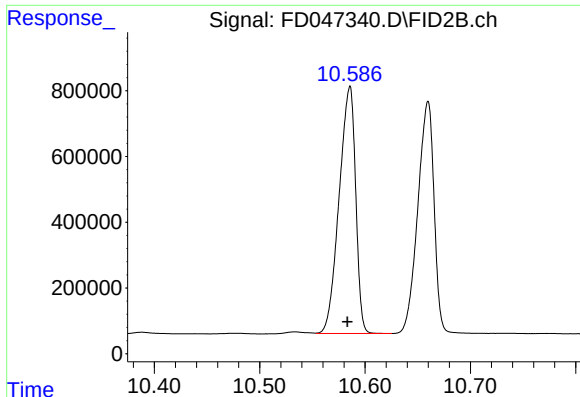
#7 Acenaphthene (C15.5)

R.T.: 8.417 min
Delta R.T.: 0.000 min
Response: 7541547
Conc: 45.75 ug/ml



#8 Fluorene (C16.55)

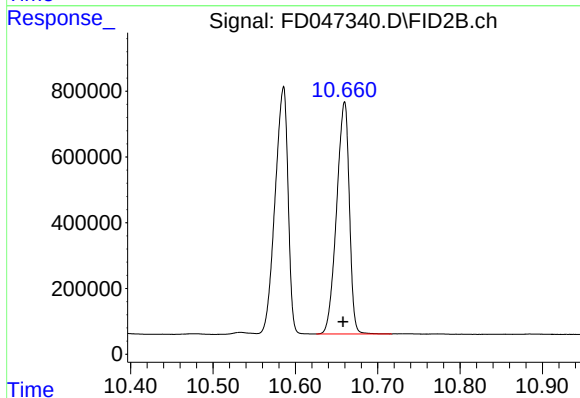
R.T.: 9.196 min
Delta R.T.: 0.000 min
Response: 7944725
Conc: 50.11 ug/ml



#9 Phenanthrene (C19.36)

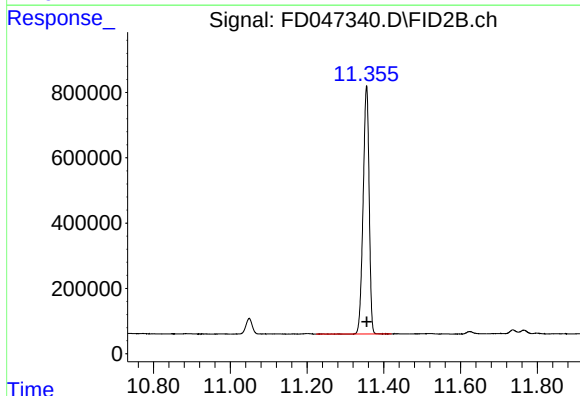
R.T.: 10.585 min
Delta R.T.: 0.002 min
Response: 8194349
Conc: 52.75 ug/ml

Instrument :
FID_D
ClientSampleId :



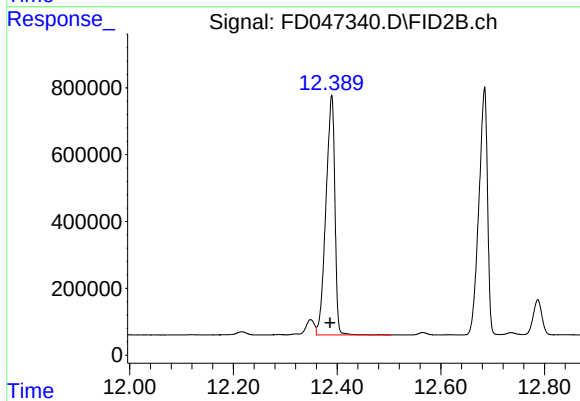
#10 Anthracene (C19.43)

R.T.: 10.659 min
Delta R.T.: 0.001 min
Response: 7579213
Conc: 51.40 ug/ml



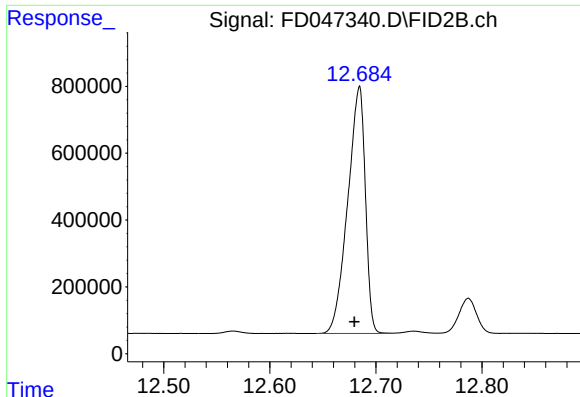
#11 ortho-Terphenyl (SURR)

R.T.: 11.355 min
Delta R.T.: 0.000 min
Response: 8239577
Conc: 46.72 ug/ml



#12 Fluoranthene (C21.85)

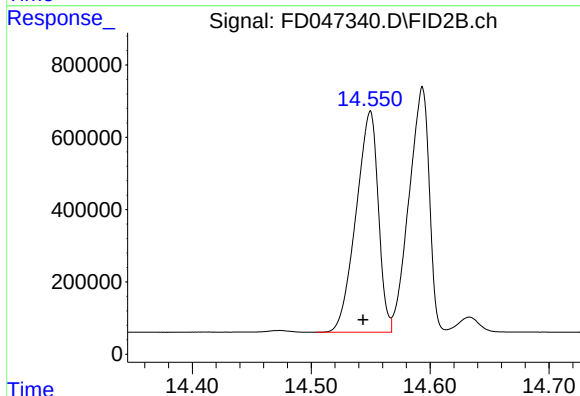
R.T.: 12.389 min
Delta R.T.: 0.003 min
Response: 8576288
Conc: 55.39 ug/ml



#13 Pyrene (C20.8)

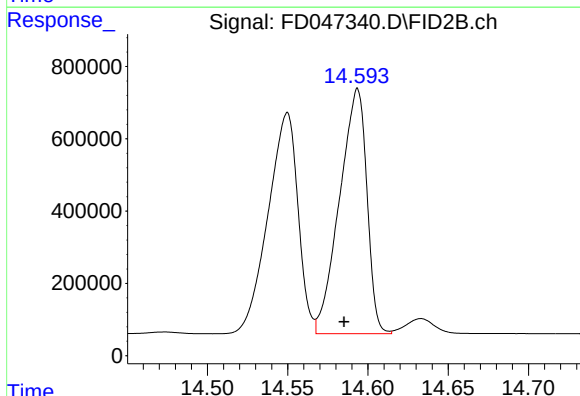
R.T.: 12.684 min
Delta R.T.: 0.004 min
Response: 8531173
Conc: 56.71 ug/ml

Instrument :
FID_D
ClientSampleId :



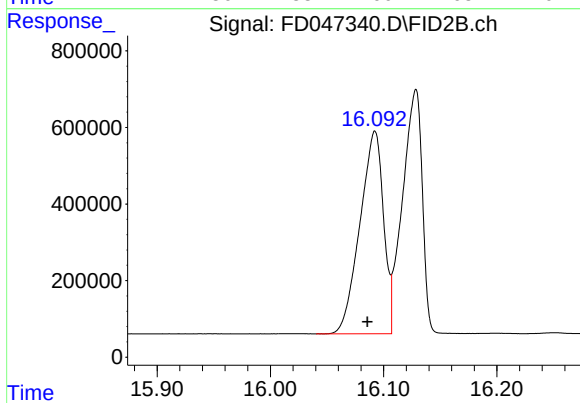
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.549 min
Delta R.T.: 0.005 min
Response: 7962332
Conc: 59.23 ug/ml



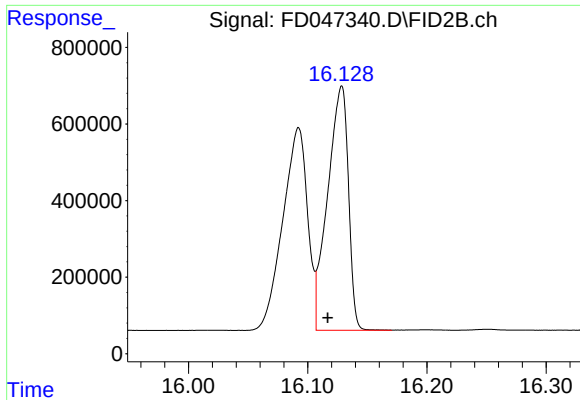
#15 Chrysene (C27.41)

R.T.: 14.593 min
Delta R.T.: 0.008 min
Response: 8038737
Conc: 54.90 ug/ml



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

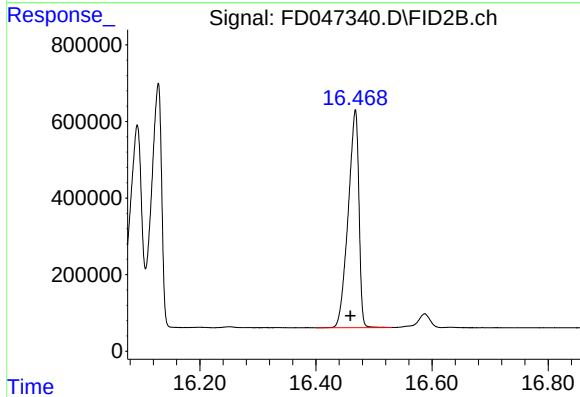
R.T.: 16.092 min
Delta R.T.: 0.006 min
Response: 7658067
Conc: 55.62 ug/ml



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

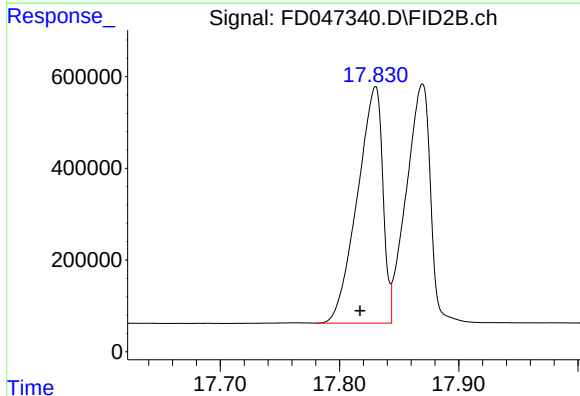
R.T.: 16.128 min
Delta R.T.: 0.011 min
Response: 7724082
Conc: 55.67 ug/ml

Instrument :
FID_D
ClientSampleId :



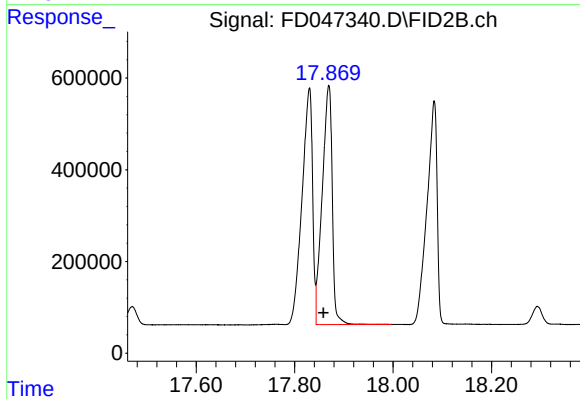
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.467 min
Delta R.T.: 0.008 min
Response: 7314228
Conc: 54.03 ug/ml



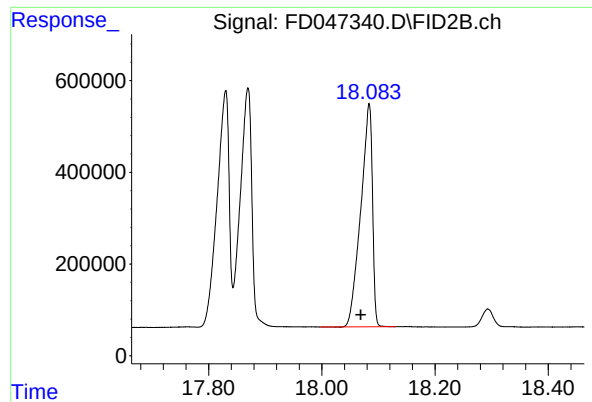
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.829 min
Delta R.T.: 0.012 min
Response: 7649634
Conc: 60.59 ug/ml



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

R.T.: 17.869 min
Delta R.T.: 0.010 min
Response: 7353159
Conc: 55.19 ug/ml



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

R.T.: 18.083 min
Delta R.T.: 0.014 min
Response: 6972272
Conc: 52.58 ug/ml

Instrument :

FID_D

ClientSampleId :