

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD012723AR\
 Data File : FD044917.D
 Signal(s) : FID2B.ch
 Acq On : 27 Jan 2023 22:07
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jan 28 00:50:52 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...	7.558	2957087	20.163 ug/ml
Spiked Amount 50.000		Recovery =	40.33%
6) S 2-Fluorobiphenyl (SURR)	8.415	2019878	20.237 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.47%
11) S ortho-Terphenyl (SURR)	11.456	3773460	20.303 ug/ml
Spiked Amount 50.000		Recovery =	40.61%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.368	3209434	20.106 ug/ml
2) T Naphthalene (C11.7)	5.899	3411086	20.132 ug/ml
3) T 2-Methylnaphthalene (...)	6.948	3444015	20.075 ug/ml
5) T Acenaphthylene (C15.06)	8.219	3157338	20.092 ug/ml
7) T Acenaphthene (C15.5)	8.514	3373793	20.291 ug/ml
8) T Flouorene (C16.55)	9.293	3309937	20.166 ug/ml
9) T Phenanthrene (C19.36)	10.684	3270833	20.230 ug/ml
10) T Anthracene (C19.43)	10.758	2882157	19.442 ug/ml
12) T Fluoranthene (C21.85)	12.489	3281683	20.505 ug/ml
13) T Pyrene (C20.8)	12.784	3196748	20.372 ug/ml
14) T Benzo[a]anthracene (C...	14.649	2857382	20.020 ug/ml
15) T Chrysene (C27.41)	14.691	2984571	20.157 ug/ml
16) T benzo[b]fluoranthene ...	16.192	2944137	20.295 ug/ml
17) T Bnezo[k]fluoranthene ...	16.224	2905463	20.379 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.567	2825097	20.217 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.925	2736830	20.337 ug/ml
20) T Dibenz[a,h]anthracene...	17.967	2735188	20.640 ug/ml
21) T Benzo[g,h,i]perylene ...	18.179	2778277	20.433 ug/ml

(f)=RT Delta > 1/2 Window

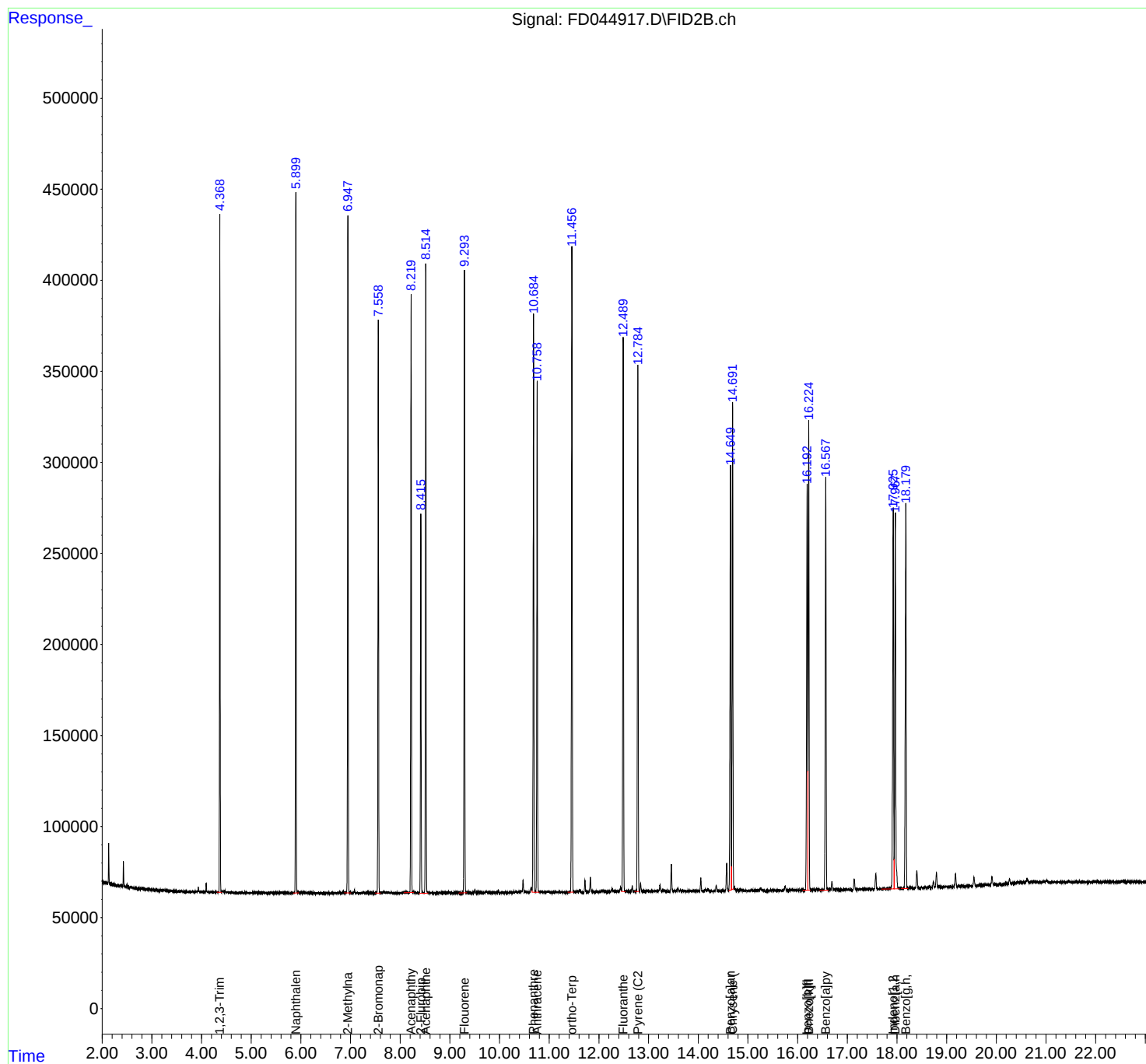
(m)=manual int.

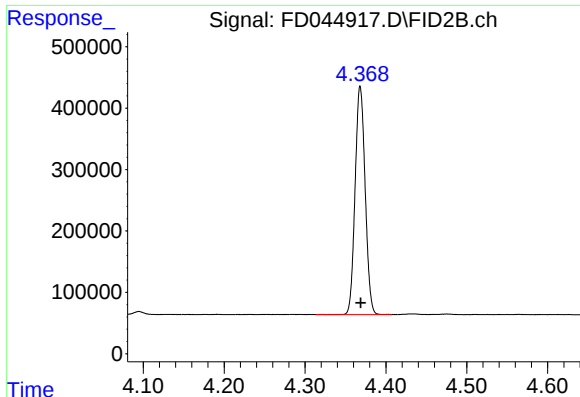
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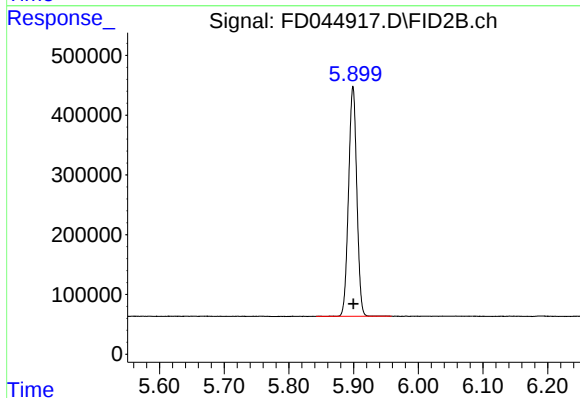




#1 1,2,3-Trimethylbenzene (C10.1)

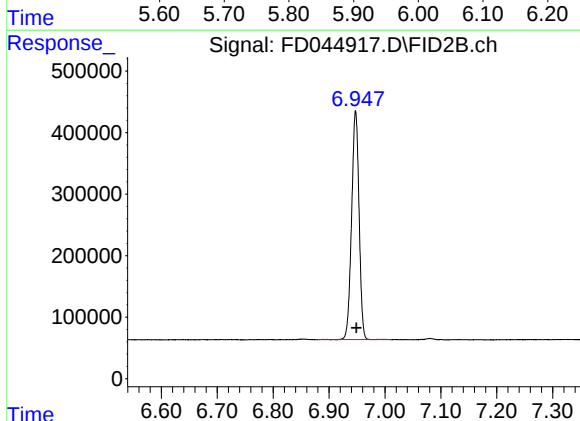
R.T.: 4.368 min
Delta R.T.: 0.000 min
Response: 3209434
Conc: 20.11 ug/ml

Instrument :
FID_D
ClientSampleId :



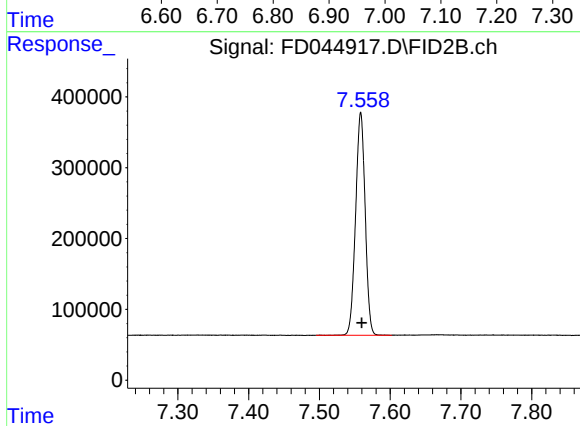
#2 Naphthalene (C11.7)

R.T.: 5.899 min
Delta R.T.: 0.000 min
Response: 3411086
Conc: 20.13 ug/ml



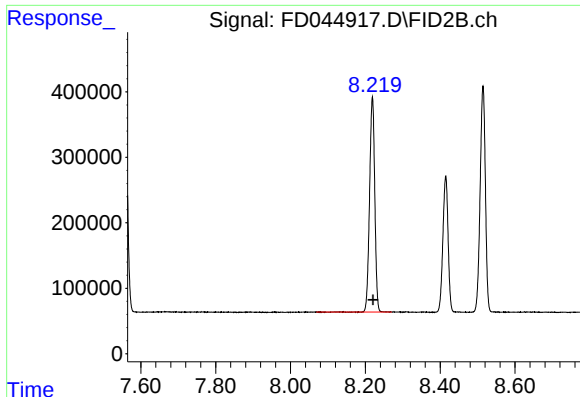
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.948 min
Delta R.T.: -0.001 min
Response: 3444015
Conc: 20.07 ug/ml



#4 2-Bromonaphthalene (SURR)

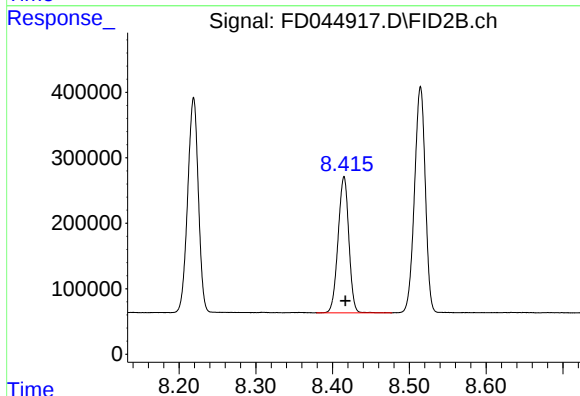
R.T.: 7.558 min
Delta R.T.: -0.002 min
Response: 2957087
Conc: 20.16 ug/ml



#5 Acenaphthylene (C15.06)

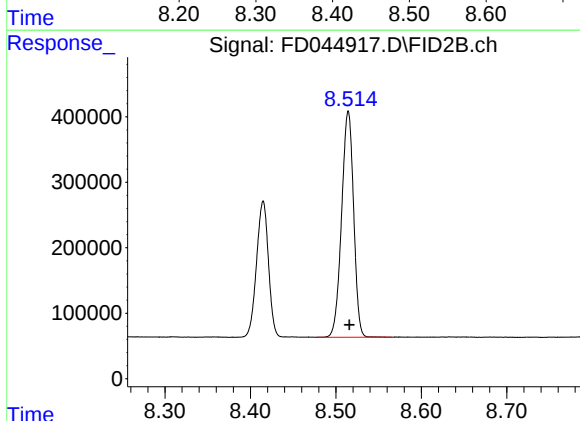
R.T.: 8.219 min
Delta R.T.: -0.001 min
Response: 3157338
Conc: 20.09 ug/ml

Instrument :
FID_D
ClientSampleId :



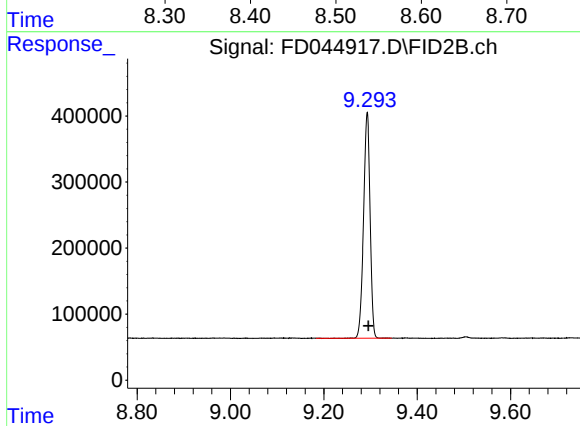
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.415 min
Delta R.T.: -0.002 min
Response: 2019878
Conc: 20.24 ug/ml



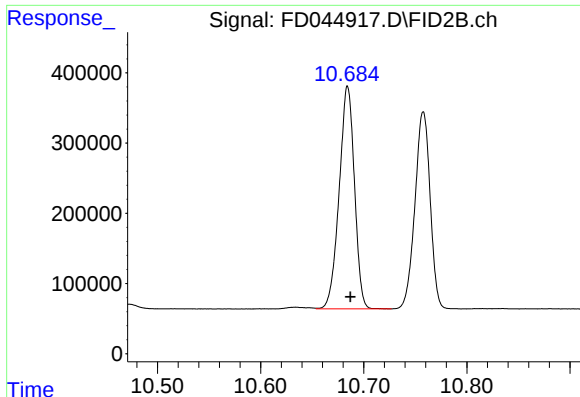
#7 Acenaphthene (C15.5)

R.T.: 8.514 min
Delta R.T.: -0.001 min
Response: 3373793
Conc: 20.29 ug/ml



#8 Fluorene (C16.55)

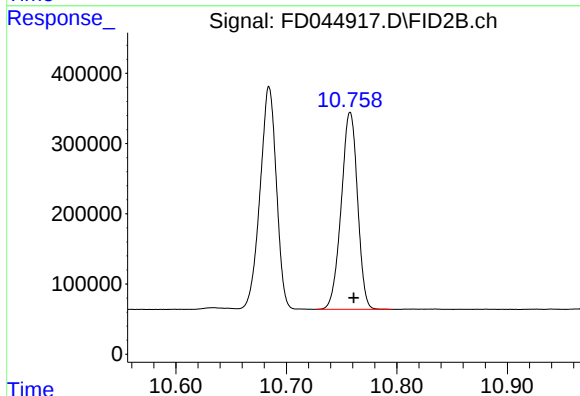
R.T.: 9.293 min
Delta R.T.: -0.002 min
Response: 3309937
Conc: 20.17 ug/ml



#9 Phenanthrene (C19.36)

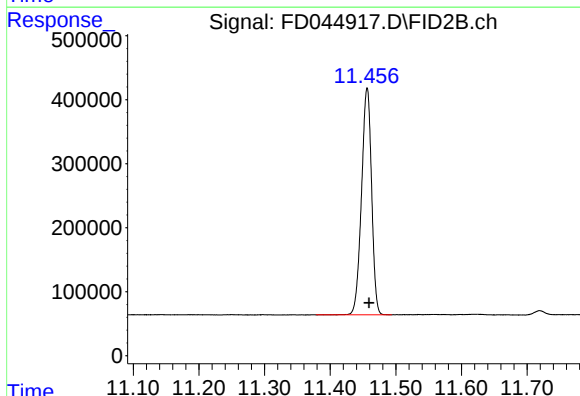
R.T.: 10.684 min
Delta R.T.: -0.003 min
Response: 3270833
Conc: 20.23 ug/ml

Instrument :
FID_D
ClientSampleId :



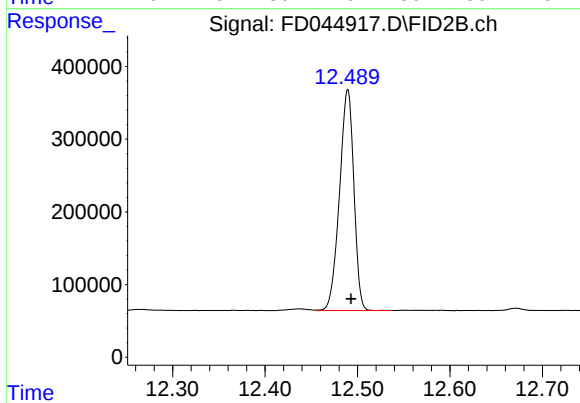
#10 Anthracene (C19.43)

R.T.: 10.758 min
Delta R.T.: -0.003 min
Response: 2882157
Conc: 19.44 ug/ml



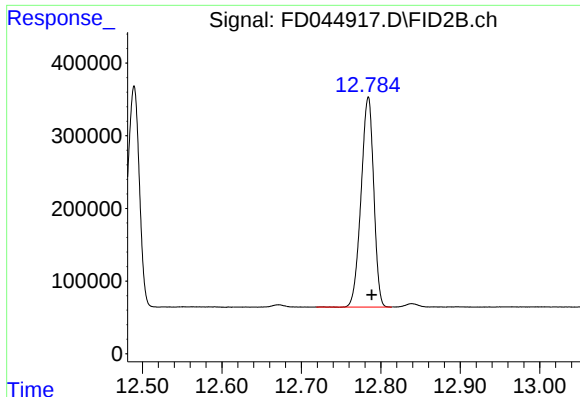
#11 ortho-Terphenyl (SURR)

R.T.: 11.456 min
Delta R.T.: -0.003 min
Response: 3773460
Conc: 20.30 ug/ml



#12 Fluoranthene (C21.85)

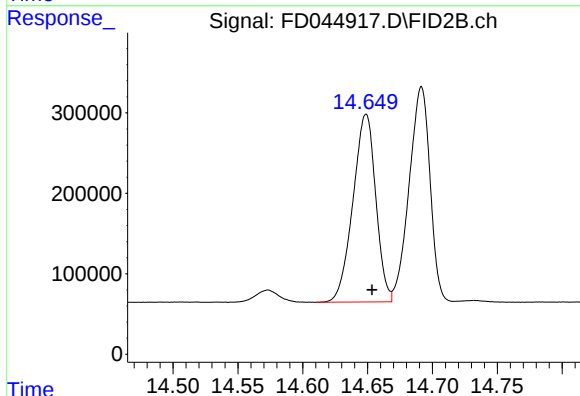
R.T.: 12.489 min
Delta R.T.: -0.004 min
Response: 3281683
Conc: 20.51 ug/ml



#13 Pyrene (C20.8)

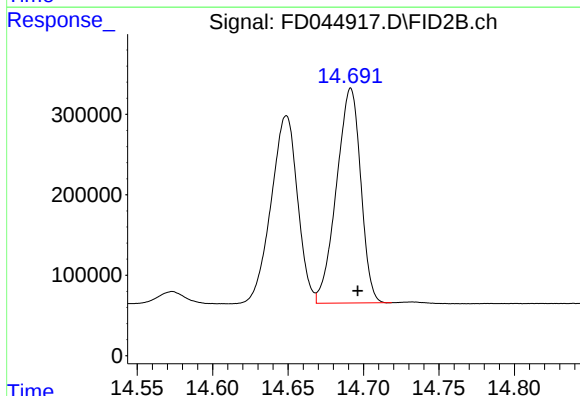
R.T.: 12.784 min
Delta R.T.: -0.004 min
Response: 3196748
Conc: 20.37 ug/ml

Instrument :
FID_D
ClientSampleId :



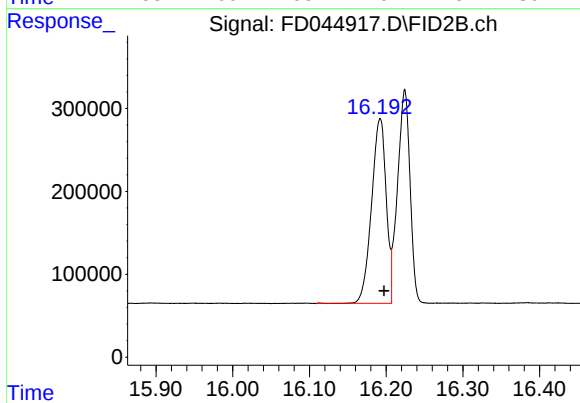
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.649 min
Delta R.T.: -0.005 min
Response: 2857382
Conc: 20.02 ug/ml



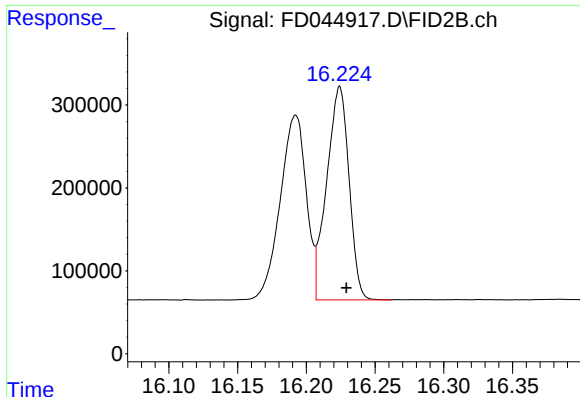
#15 Chrysene (C27.41)

R.T.: 14.691 min
Delta R.T.: -0.005 min
Response: 2984571
Conc: 20.16 ug/ml



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

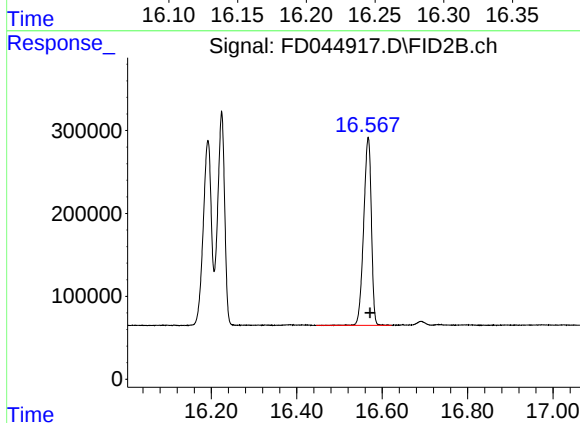
R.T.: 16.192 min
Delta R.T.: -0.005 min
Response: 2944137
Conc: 20.29 ug/ml



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

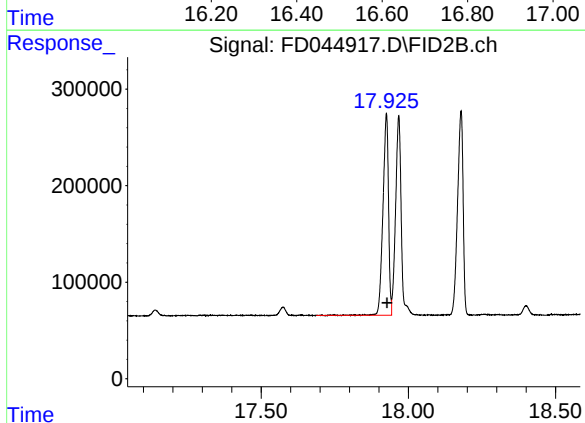
R.T.: 16.224 min
Delta R.T.: -0.005 min
Response: 2905463
Conc: 20.38 ug/ml

Instrument :
FID_D
ClientSampleId :



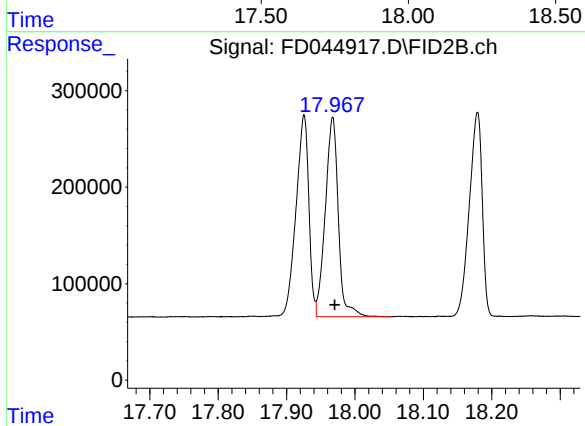
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.567 min
Delta R.T.: -0.005 min
Response: 2825097
Conc: 20.22 ug/ml



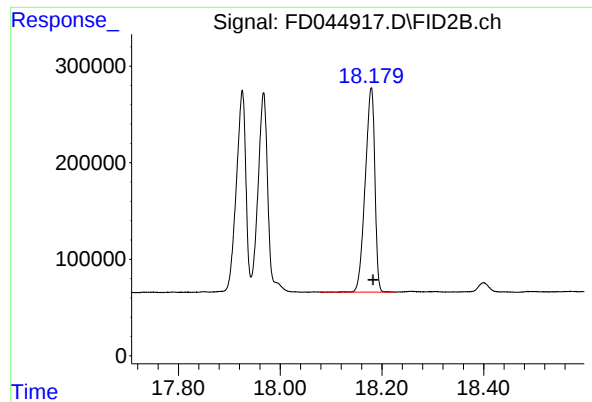
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.925 min
Delta R.T.: -0.003 min
Response: 2736830
Conc: 20.34 ug/ml



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

R.T.: 17.967 min
Delta R.T.: -0.004 min
Response: 2735188
Conc: 20.64 ug/ml



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

R.T.: 18.179 min
Delta R.T.: -0.004 min
Response: 2778277
Conc: 20.43 ug/ml

Instrument :

FID_D

ClientSampleId :