

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062023AR\
 Data File : FD045899.D
 Signal(s) : FID2B.ch
 Acq On : 20 Jun 2023 09:20
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 20 13:18:07 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052723.M
 Quant Title : GC Extractables
 QLast Update : Sat May 27 06:44:25 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...	7.520	3819055	21.183 ug/ml
Spiked Amount 50.000		Recovery =	42.37%
6) S 2-Fluorobiphenyl (SURR)	8.375	2478331	20.614 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.23%
11) S ortho-Terphenyl (SURR)	11.415	4507362	20.179 ug/ml
Spiked Amount 50.000		Recovery =	40.36%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.331	4386164	21.727 ug/ml
2) T Naphthalene (C11.7)	5.860	4518541	21.324 ug/ml
3) T 2-Methylnaphthalene (...)	6.909	4493163	21.274 ug/ml
5) T Acenaphthylene (C15.06)	8.179	3922984	20.706 ug/ml
7) T Acenaphthene (C15.5)	8.475	4208848	20.817 ug/ml
8) T Flouorene (C16.55)	9.253	4039817	20.389 ug/ml
9) T Phenanthrene (C19.36)	10.643	3780736	19.762 ug/ml
10) T Anthracene (C19.43)	10.717	3290029	19.313 ug/ml
12) T Fluoranthene (C21.85)	12.446	3544851	19.187 ug/ml
13) T Pyrene (C20.8)	12.740	3427022	19.188 ug/ml
14) T Benzo[a]anthracene (C...	14.603	3042676	19.434 ug/ml
15) T Chrysene (C27.41)	14.645	3205705	19.431 ug/ml
16) T benzo[b]fluoranthene ...	16.177	3107625	20.533 ug/ml
17) T Bnezo[k]fluoranthene ...	16.177	3107625	20.073 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.520	3075069	21.028 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.876	3079490	21.025 ug/ml
20) T Dibenz[a,h]anthracene...	17.919	3240339	21.600 ug/ml
21) T Benzo[g,h,i]perylene ...	18.130	3187391	21.601 ug/ml

(f)=RT Delta > 1/2 Window

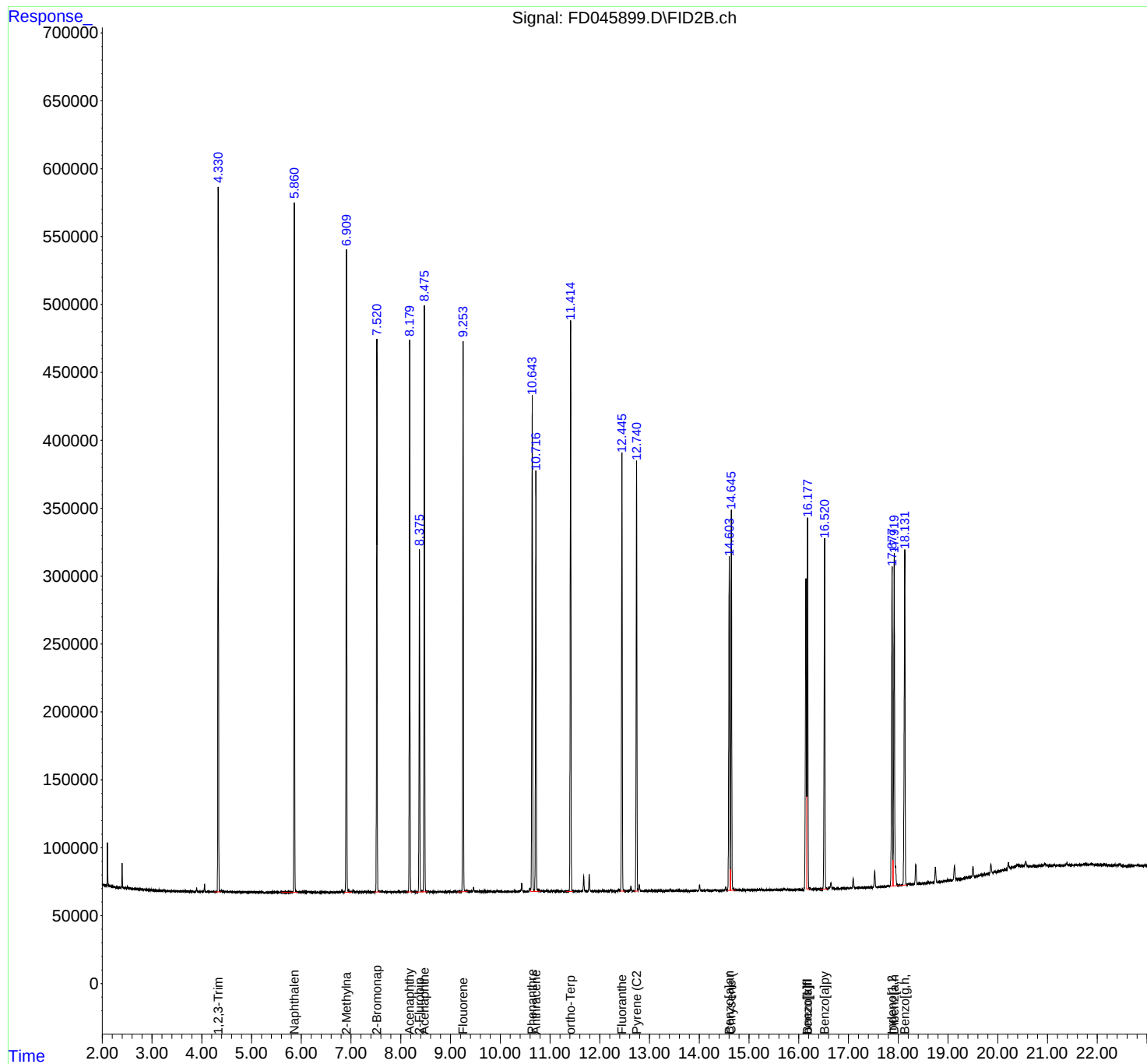
(m)=manual int.

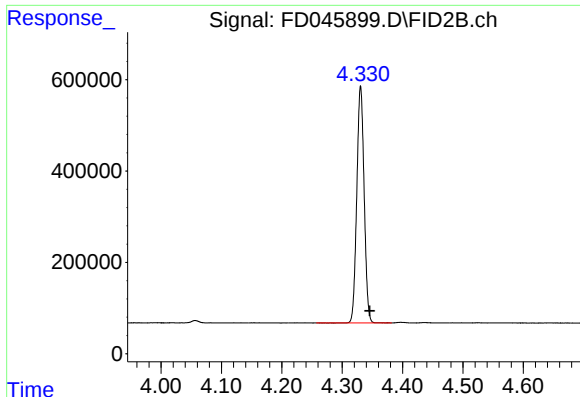
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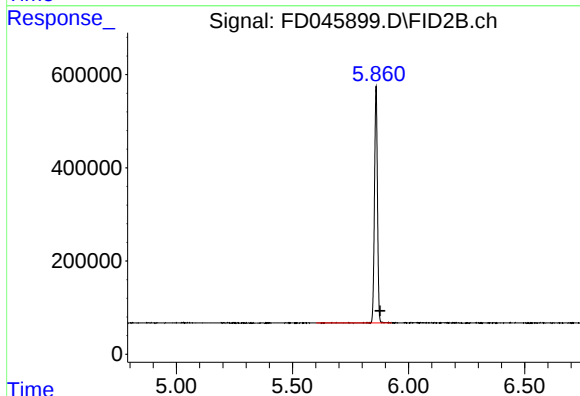




#1 1,2,3-Trimethylbenzene (C10.1)

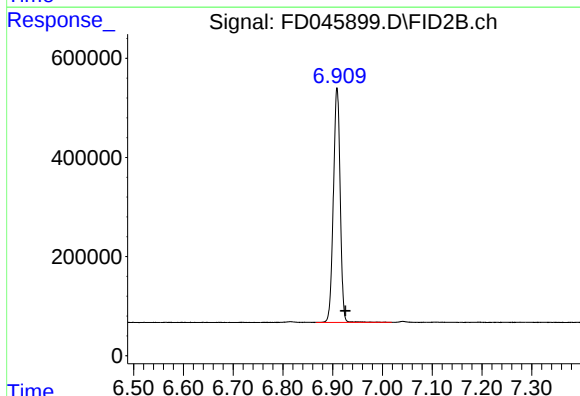
R.T.: 4.331 min
Delta R.T.: -0.015 min
Response: 4386164
Conc: 21.73 ug/ml

Instrument :
FID_D
ClientSampleId :



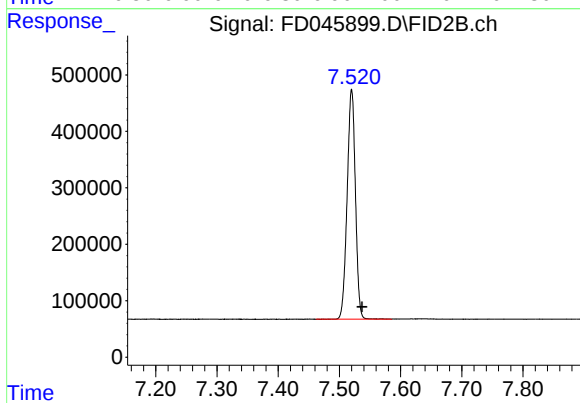
#2 Naphthalene (C11.7)

R.T.: 5.860 min
Delta R.T.: -0.017 min
Response: 4518541
Conc: 21.32 ug/ml



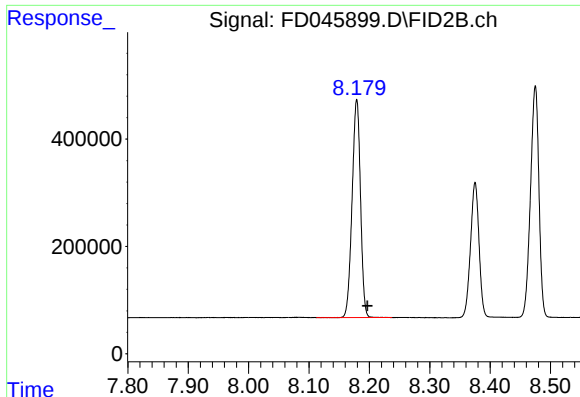
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.909 min
Delta R.T.: -0.017 min
Response: 4493163
Conc: 21.27 ug/ml



#4 2-Bromonaphthalene (SURR)

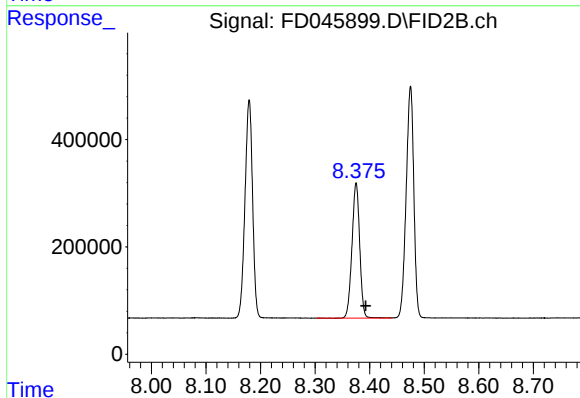
R.T.: 7.520 min
Delta R.T.: -0.017 min
Response: 3819055
Conc: 21.18 ug/ml



#5 Acenaphthylene (C15.06)

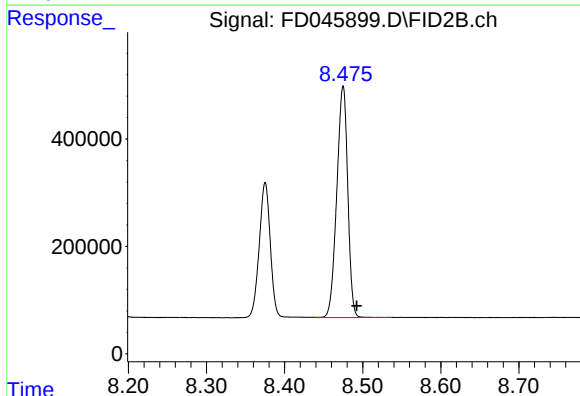
R.T.: 8.179 min
Delta R.T.: -0.018 min
Response: 3922984
Conc: 20.71 ug/ml

Instrument :
FID_D
ClientSampleId :



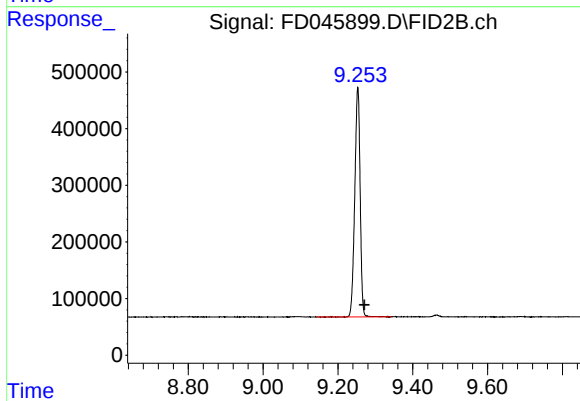
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.375 min
Delta R.T.: -0.018 min
Response: 2478331
Conc: 20.61 ug/ml



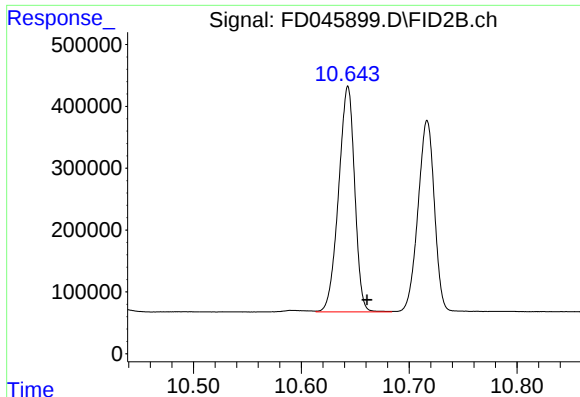
#7 Acenaphthene (C15.5)

R.T.: 8.475 min
Delta R.T.: -0.018 min
Response: 4208848
Conc: 20.82 ug/ml



#8 Flouorene (C16.55)

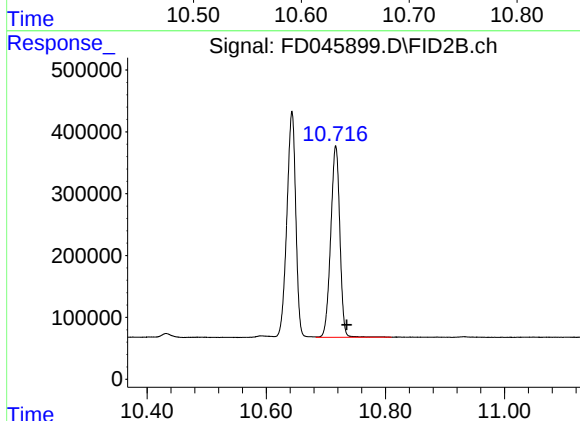
R.T.: 9.253 min
Delta R.T.: -0.017 min
Response: 4039817
Conc: 20.39 ug/ml



#9 Phenanthrene (C19.36)

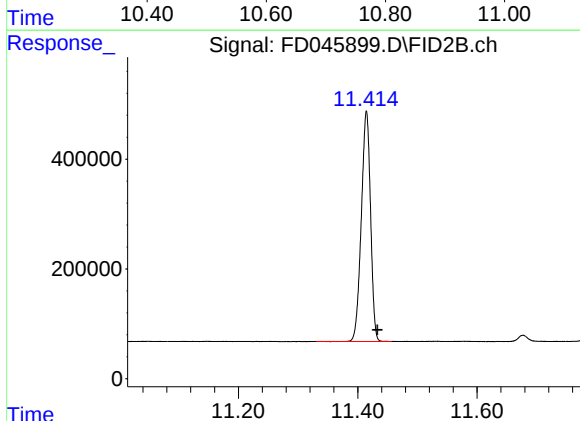
R.T.: 10.643 min
Delta R.T.: -0.018 min
Response: 3780736
Conc: 19.76 ug/ml

Instrument :
FID_D
ClientSampleId :



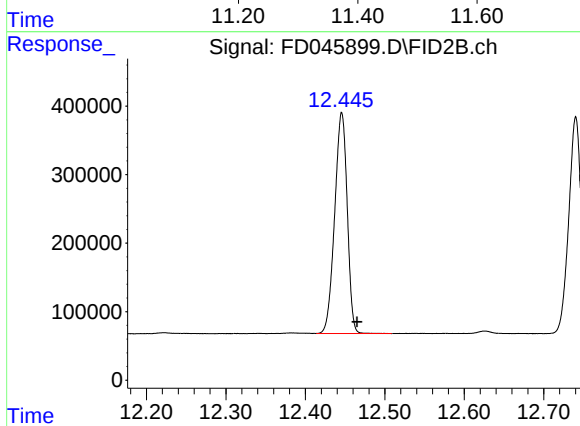
#10 Anthracene (C19.43)

R.T.: 10.717 min
Delta R.T.: -0.019 min
Response: 3290029
Conc: 19.31 ug/ml



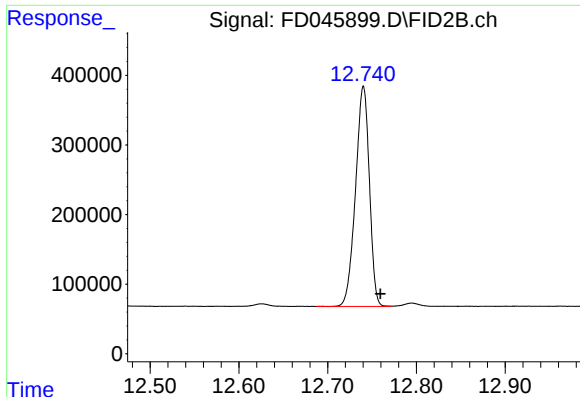
#11 ortho-Terphenyl (SURR)

R.T.: 11.415 min
Delta R.T.: -0.018 min
Response: 4507362
Conc: 20.18 ug/ml



#12 Fluoranthene (C21.85)

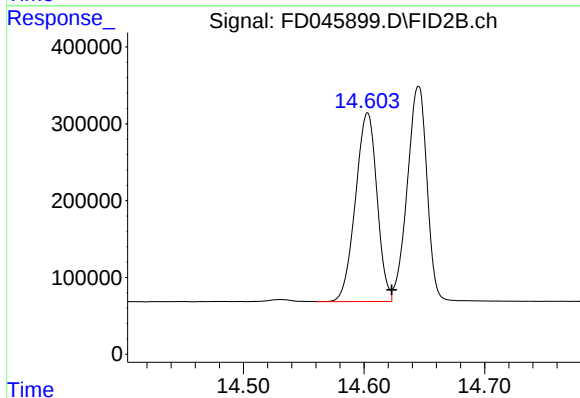
R.T.: 12.446 min
Delta R.T.: -0.019 min
Response: 3544851
Conc: 19.19 ug/ml



#13 Pyrene (C20.8)

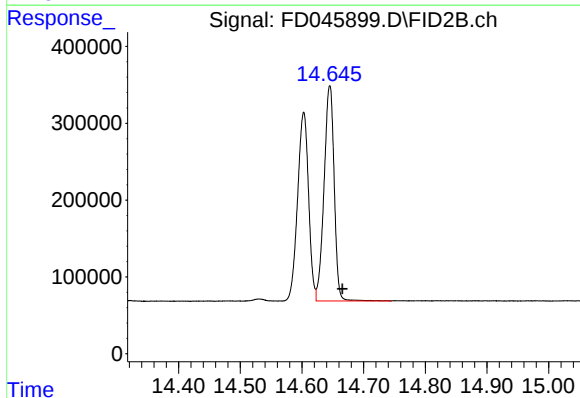
R.T.: 12.740 min
Delta R.T.: -0.019 min
Response: 3427022
Conc: 19.19 ug/ml

Instrument :
FID_D
ClientSampleId :



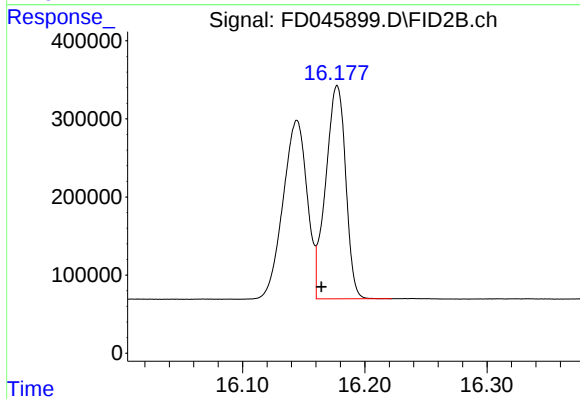
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.603 min
Delta R.T.: -0.020 min
Response: 3042676
Conc: 19.43 ug/ml



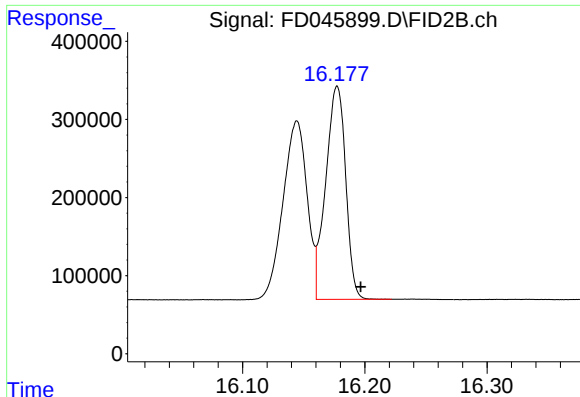
#15 Chrysene (C27.41)

R.T.: 14.645 min
Delta R.T.: -0.021 min
Response: 3205705
Conc: 19.43 ug/ml



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

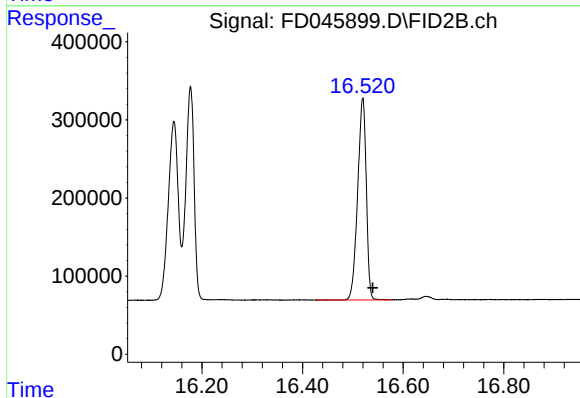
R.T.: 16.177 min
Delta R.T.: 0.013 min
Response: 3107625
Conc: 20.53 ug/ml



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

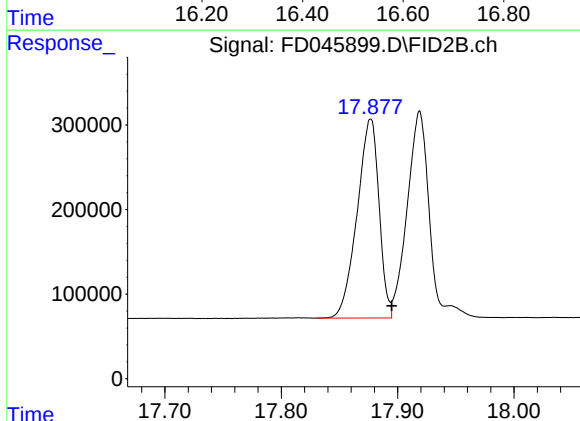
R.T.: 16.177 min
Delta R.T.: -0.019 min
Response: 3107625
Conc: 20.07 ug/ml

Instrument :
FID_D
ClientSampleId :



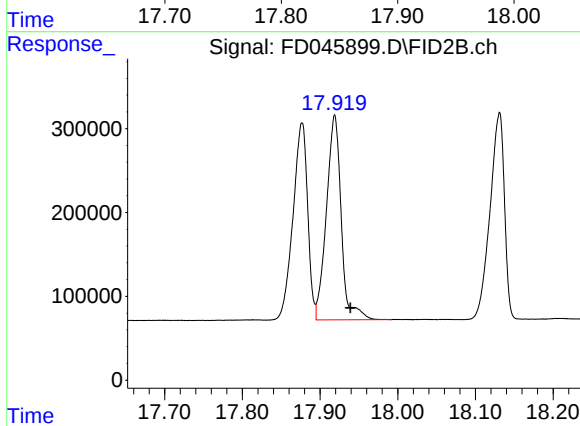
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.520 min
Delta R.T.: -0.020 min
Response: 3075069
Conc: 21.03 ug/ml



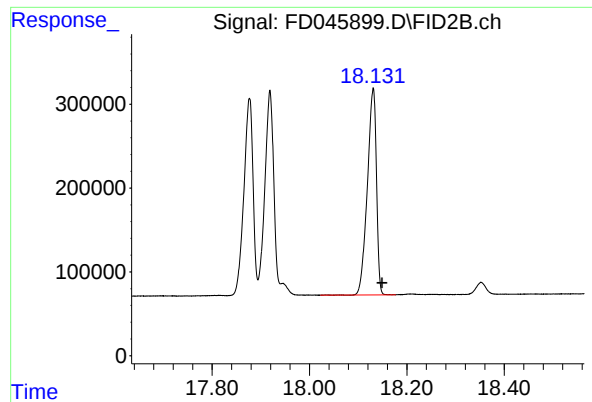
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.876 min
Delta R.T.: -0.019 min
Response: 3079490
Conc: 21.03 ug/ml



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

R.T.: 17.919 min
Delta R.T.: -0.020 min
Response: 3240339
Conc: 21.60 ug/ml



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

R.T.: 18.130 min
Delta R.T.: -0.019 min
Response: 3187391
Conc: 21.60 ug/ml

Instrument :

FID_D

ClientSampleId :