

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD091522AR\
 Data File : FD043871.D
 Signal(s) : FID2B.ch
 Acq On : 14 Sep 2022 13:20
 Operator : YP/AJ
 Sample : 10 PPM AROMATIC HC STD4
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 14 19:33:24 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 091522.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 14 19:31:02 2022
 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...	7.438	1256472	9.957 ug/ml
Spiked Amount 50.000		Recovery =	19.91%
6) S 2-Fluorobiphenyl (SURR)	8.300	639112	8.858 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	17.72%
11) S ortho-Terphenyl (SURR)	11.315	1901794	11.035 ug/ml
Spiked Amount 50.000		Recovery =	22.07%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.243	1500747	10.706 ug/ml
2) T Naphthalene (C11.7)	5.779	1403559	10.206 ug/ml
3) T 2-Methylnaphthalene (...)	6.825	1396260	9.919 ug/ml
5) T Acenaphthylene (C15.06)	8.091	1556162	10.808 ug/ml
7) T Acenaphthene (C15.5)	8.380	1806442	11.257 ug/ml
8) T Flouorene (C16.55)	9.166	1418885	10.055 ug/ml
9) T Phenanthrene (C19.36)	10.556	1406628	10.196 ug/ml
10) T Anthracene (C19.43)	10.636	1460303	10.398 ug/ml
12) T Fluoranthene (C21.85)	12.361	1548779	10.726 ug/ml
13) T Pyrene (C20.8)	12.653	1500206	10.563 ug/ml
14) T Benzo[a]anthracene (C...	14.523	1027456	9.158 ug/ml
15) T Chrysene (C27.41)	14.564	1635577	11.270 ug/ml
16) T benzo[b]fluoranthene ...	16.064	1106565	9.789 ug/ml
17) T Bnezo[k]fluoranthene ...	16.097	1577245	11.524 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.451	1221004	10.520 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.810	866490	9.671 ug/ml
20) T Dibenz[a,h]anthracene...	17.851	1297429	10.949 ug/ml
21) T Benzo[g,h,i]perylene ...	18.055	1153456	10.667 ug/ml

(f)=RT Delta > 1/2 Window

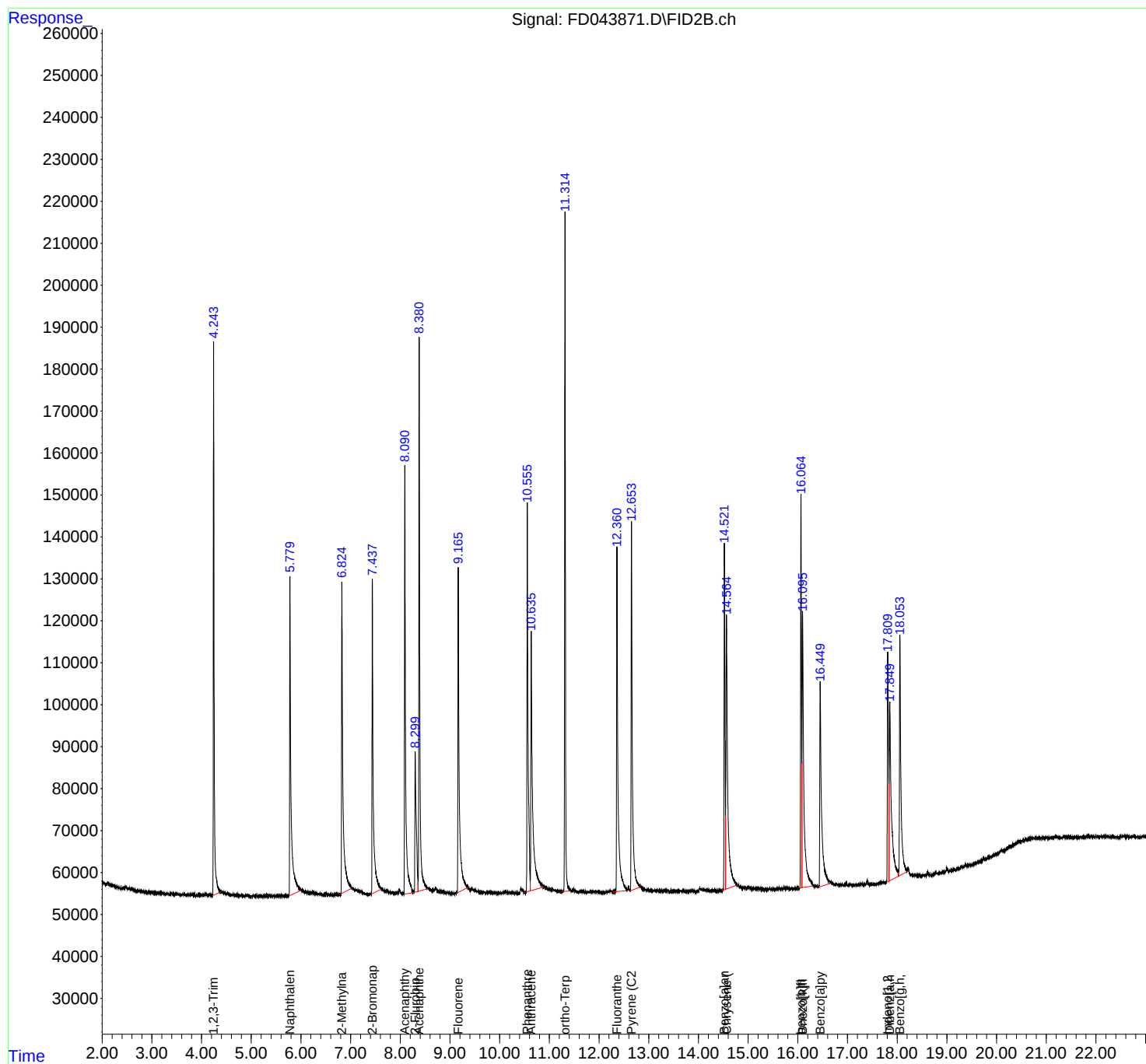
(m)=manual int.

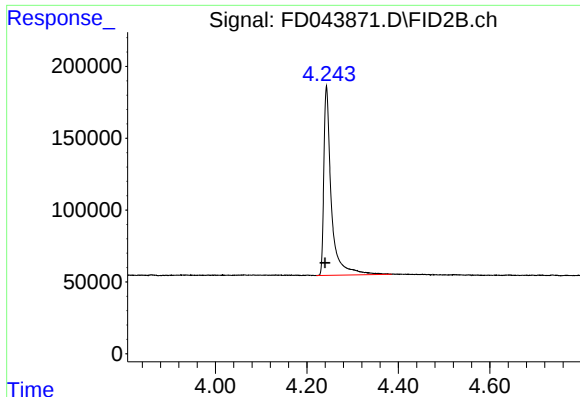
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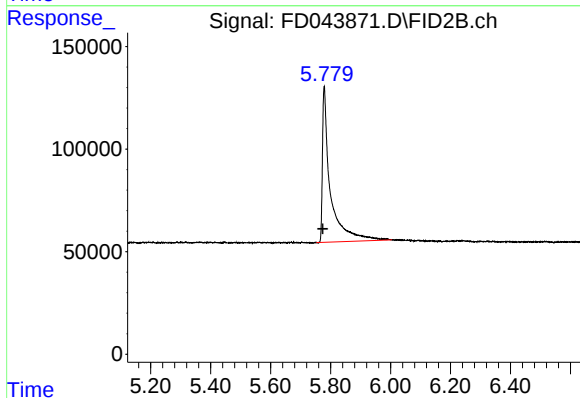




#1 1,2,3-Trimethylbenzene (C10.1)

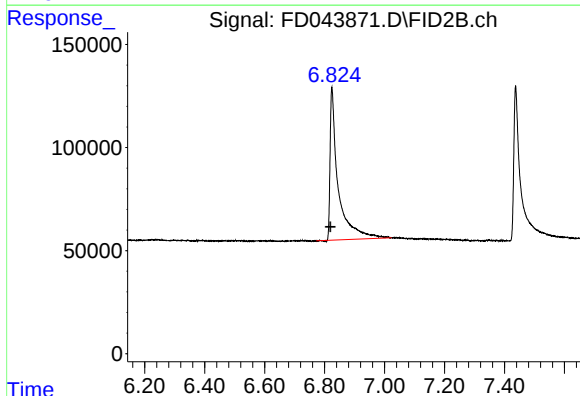
R.T.: 4.243 min
Delta R.T.: 0.003 min
Response: 1500747
Conc: 10.71 ug/ml

Instrument :
FID_D
ClientSampleId :



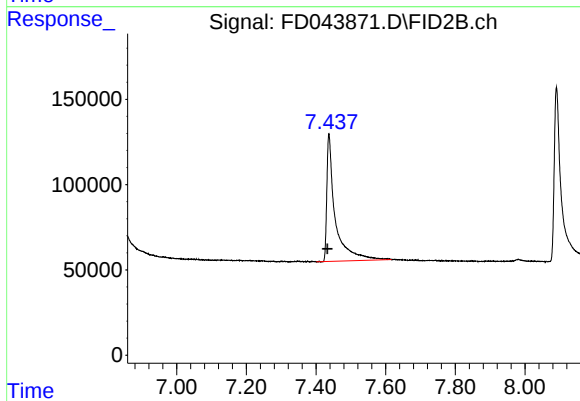
#2 Naphthalene (C11.7)

R.T.: 5.779 min
Delta R.T.: 0.006 min
Response: 1403559
Conc: 10.21 ug/ml



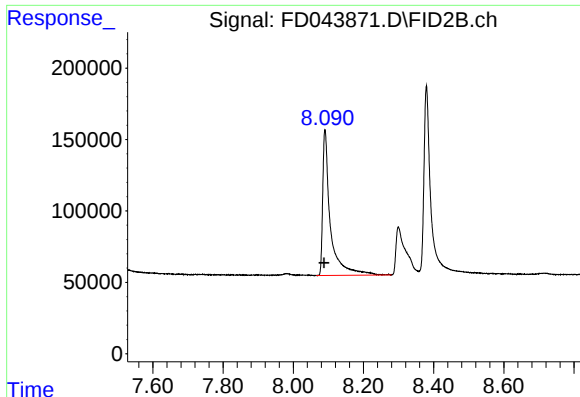
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.825 min
Delta R.T.: 0.006 min
Response: 1396260
Conc: 9.92 ug/ml



#4 2-Bromonaphthalene (SURR)

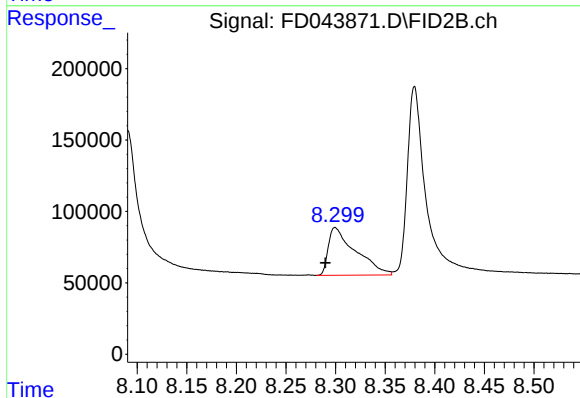
R.T.: 7.438 min
Delta R.T.: 0.005 min
Response: 1256472
Conc: 9.96 ug/ml



#5 Acenaphthylene (C15.06)

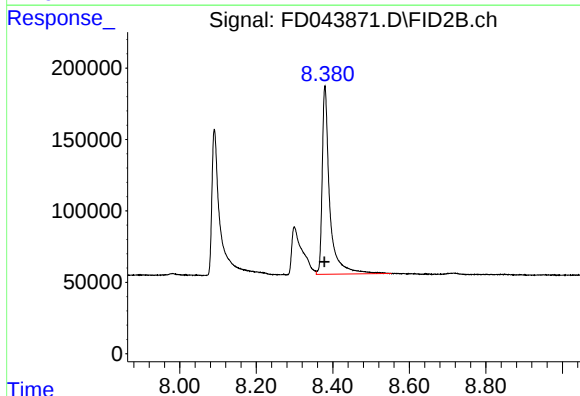
R.T.: 8.091 min
Delta R.T.: 0.003 min
Response: 1556162
Conc: 10.81 ug/ml

Instrument :
FID_D
ClientSampleId :



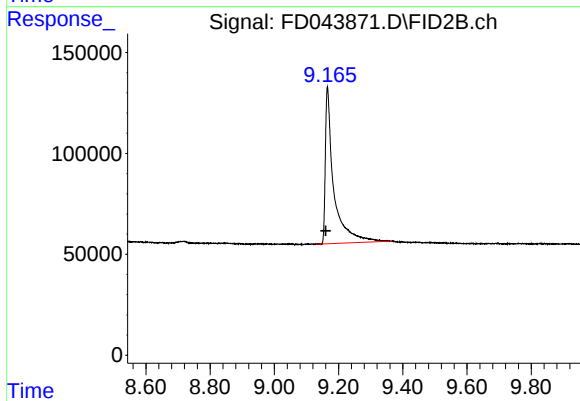
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.300 min
Delta R.T.: 0.011 min
Response: 639112
Conc: 8.86 ug/ml



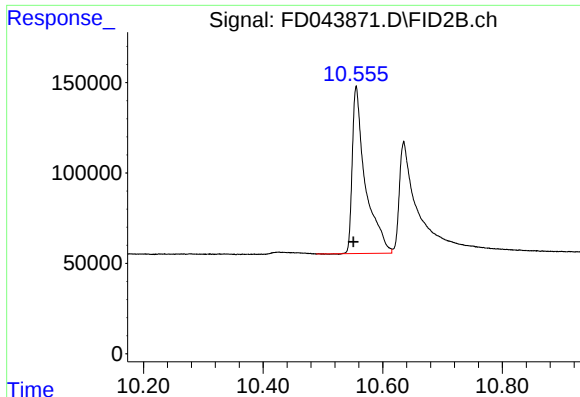
#7 Acenaphthene (C15.5)

R.T.: 8.380 min
Delta R.T.: 0.002 min
Response: 1806442
Conc: 11.26 ug/ml



#8 Fluorene (C16.55)

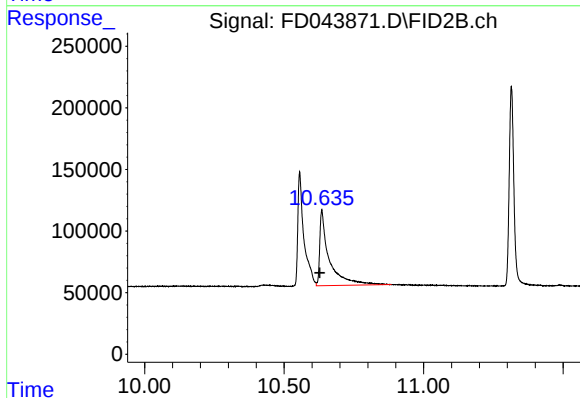
R.T.: 9.166 min
Delta R.T.: 0.005 min
Response: 1418885
Conc: 10.05 ug/ml



#9 Phenanthrene (C19.36)

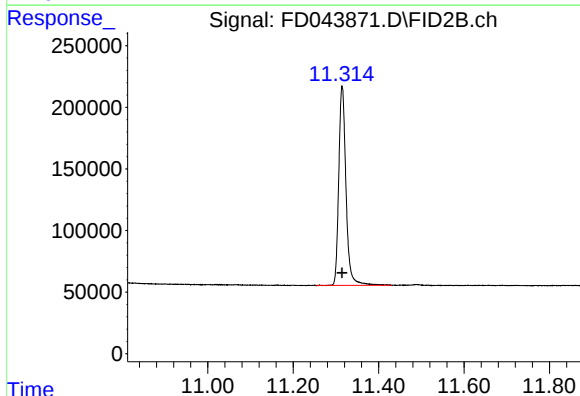
R.T.: 10.556 min
Delta R.T.: 0.005 min
Response: 1406628
Conc: 10.20 ug/ml

Instrument :
FID_D
ClientSampleId :



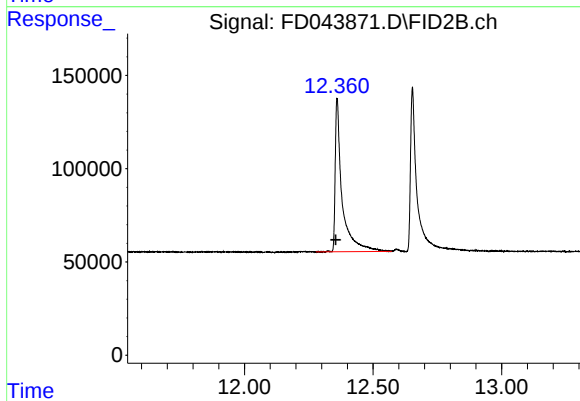
#10 Anthracene (C19.43)

R.T.: 10.636 min
Delta R.T.: 0.008 min
Response: 1460303
Conc: 10.40 ug/ml



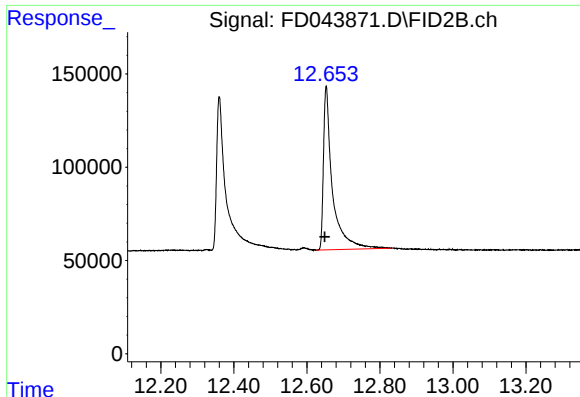
#11 ortho-Terphenyl (SURR)

R.T.: 11.315 min
Delta R.T.: 0.000 min
Response: 1901794
Conc: 11.04 ug/ml



#12 Fluoranthene (C21.85)

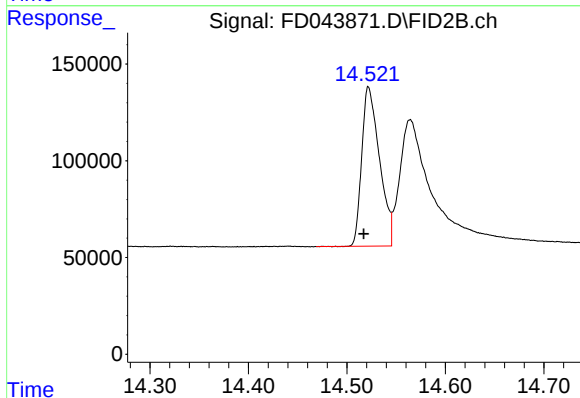
R.T.: 12.361 min
Delta R.T.: 0.005 min
Response: 1548779
Conc: 10.73 ug/ml



#13 Pyrene (C20.8)

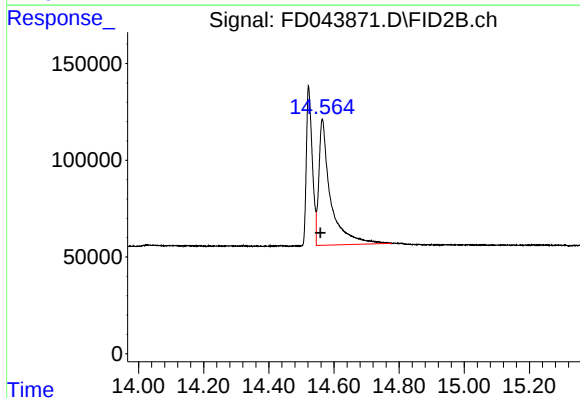
R.T.: 12.653 min
Delta R.T.: 0.005 min
Response: 1500206
Conc: 10.56 ug/ml

Instrument :
FID_D
ClientSampleId :



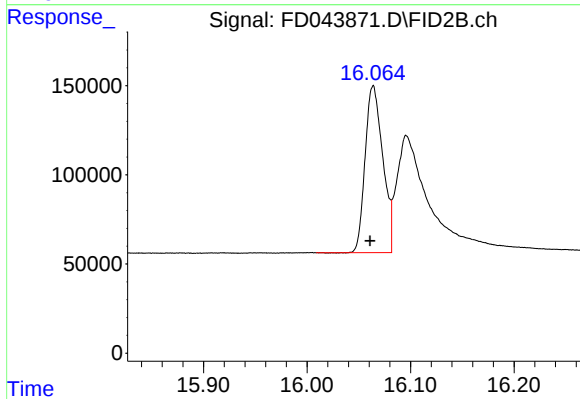
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.523 min
Delta R.T.: 0.006 min
Response: 1027456
Conc: 9.16 ug/ml



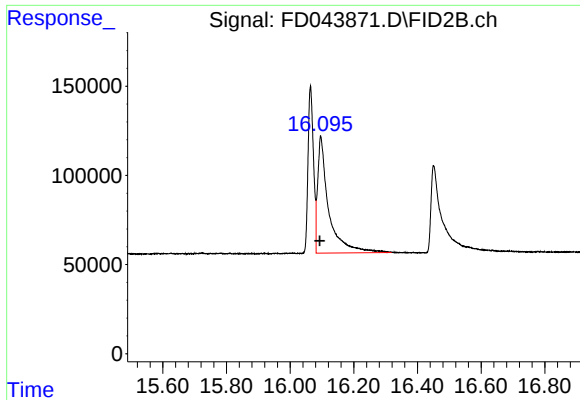
#15 Chrysene (C27.41)

R.T.: 14.564 min
Delta R.T.: 0.006 min
Response: 1635577
Conc: 11.27 ug/ml



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

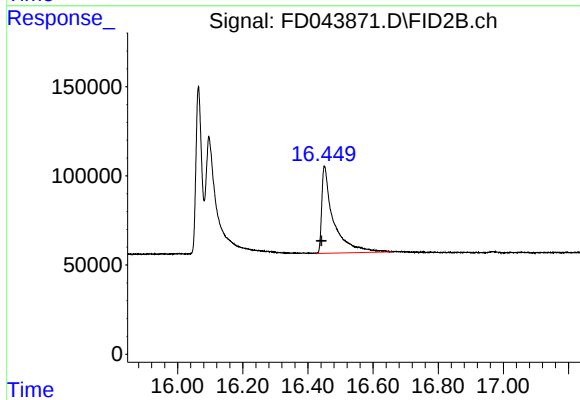
R.T.: 16.064 min
Delta R.T.: 0.003 min
Response: 1106565
Conc: 9.79 ug/ml



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

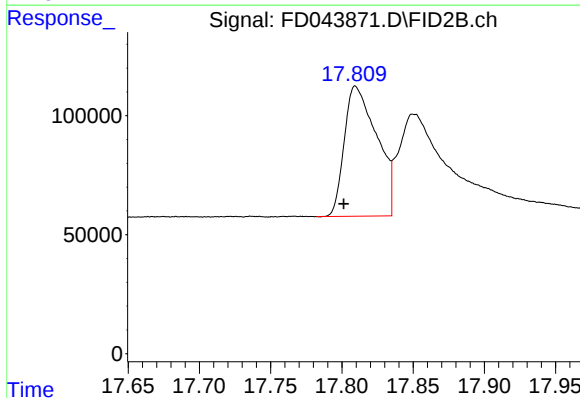
R.T.: 16.097 min
Delta R.T.: 0.004 min
Response: 1577245
Conc: 11.52 ug/ml

Instrument :
FID_D
ClientSampleId :



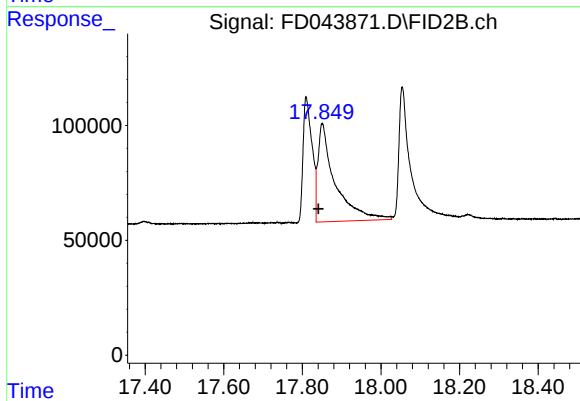
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.451 min
Delta R.T.: 0.010 min
Response: 1221004
Conc: 10.52 ug/ml



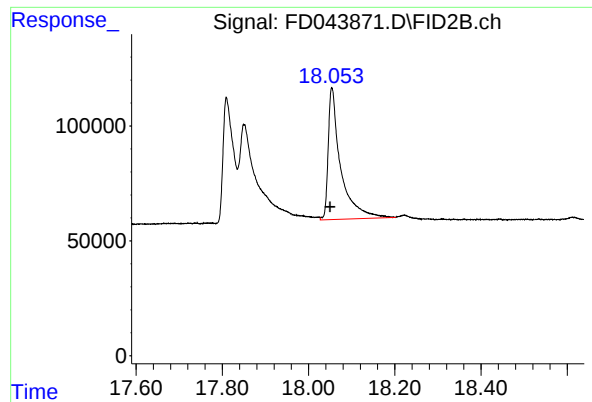
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.810 min
Delta R.T.: 0.009 min
Response: 866490
Conc: 9.67 ug/ml



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

R.T.: 17.851 min
Delta R.T.: 0.010 min
Response: 1297429
Conc: 10.95 ug/ml



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

R.T.: 18.055 min
Delta R.T.: 0.004 min
Response: 1153456
Conc: 10.67 ug/ml

Instrument :

FID_D

ClientSampleId :