

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD083024AR\
 Data File : FD048256.D
 Signal(s) : FID2B.ch
 Acq On : 30 Aug 2024 11:55
 Operator : YP/AJ
 Sample : P3732-01
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 31 02:52:45 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 081324.M
 Quant Title : GC Extractables
 QLast Update : Mon Aug 12 16:16:10 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...	7.391	6807771	45.610 ug/ml
Spiked Amount 50.000		Recovery =	91.22%
6) S 2-Fluorobiphenyl (SURR)	8.241	4522751	47.251 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	94.50%
11) S ortho-Terphenyl (SURR)	11.279	6325883	37.554 ug/ml
Spiked Amount 50.000		Recovery =	75.11%
Target Compounds			
2) T Naphthalene (C11.7)	5.745	29724	0.171 ug/ml
3) T 2-Methylnaphthalene (...)	6.792	46331	0.266 ug/ml
5) T Acenaphthylene (C15.06)	8.046	580327	3.370 ug/ml
7) T Acenaphthene (C15.5)	8.340	89777	0.518 ug/ml
8) T Flouorene (C16.55)	9.125	158560	0.961 ug/ml
9) T Phenanthrene (C19.36)	10.503	1569737	9.808 ug/ml
10) T Anthracene (C19.43)	10.581	481577	3.070 ug/ml
12) T Fluoranthene (C21.85)	12.309	5274330	33.127 ug/ml
13) T Pyrene (C20.8)	12.602	5160833	32.884 ug/ml
14) T Benzo[a]anthracene (C...	14.470	2838557	20.151 ug/ml
15) T Chrysene (C27.41)	14.509	3236076	20.302 ug/ml
16) T benzo[b]fluoranthene ...	16.019	4300663	28.966 ug/ml
17) T Bnezo[k]fluoranthene ...	16.044	1439192	9.701 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.392	3411171	23.163 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.753	2213857	18.111 ug/ml
20) T Dibenz[a,h]anthracene...	17.794	517039	3.385 ug/ml
21) T Benzo[g,h,i]perylene ...	18.002	2020977	13.383 ug/ml

(f)=RT Delta > 1/2 Window

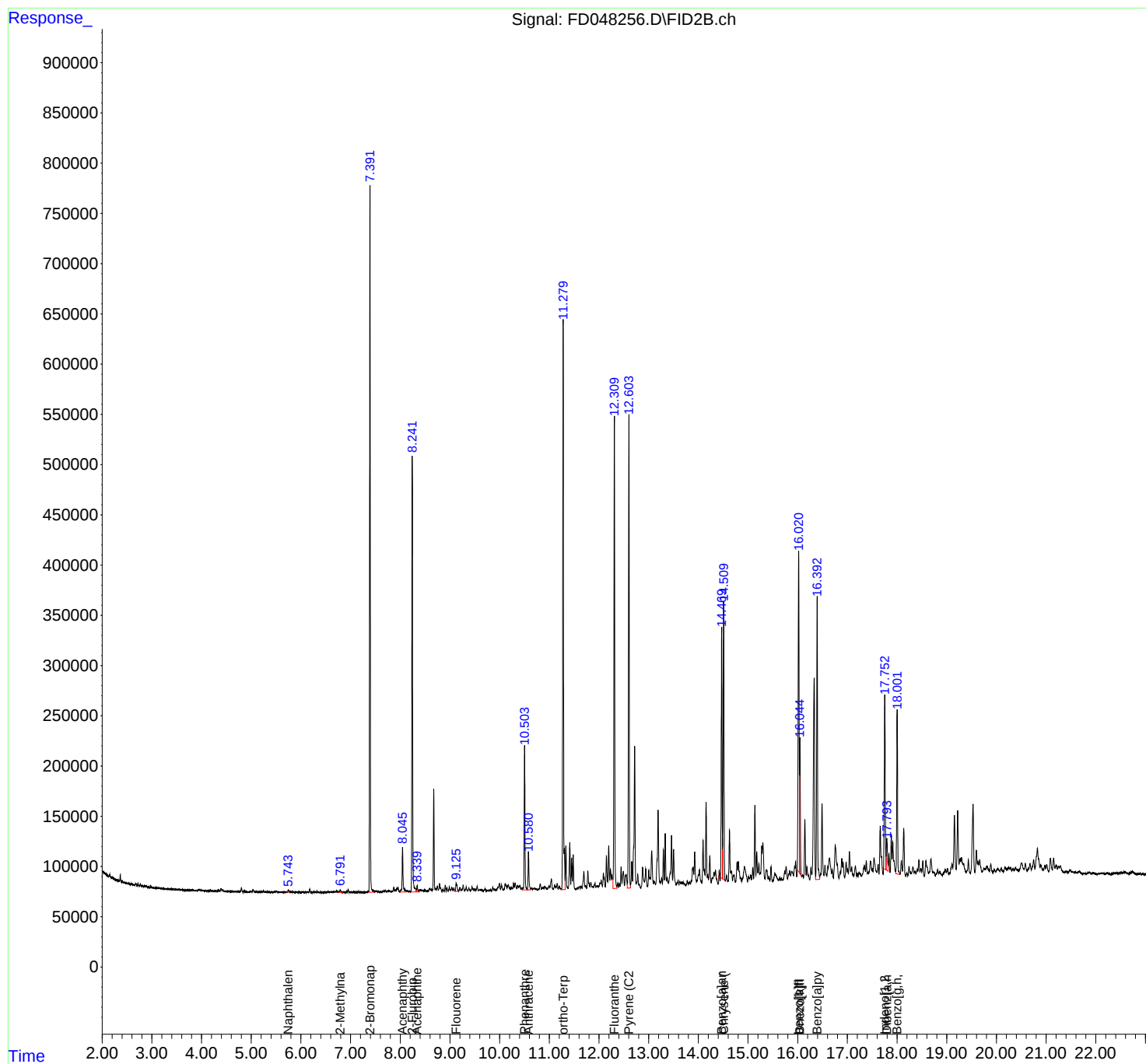
(m)=manual int.

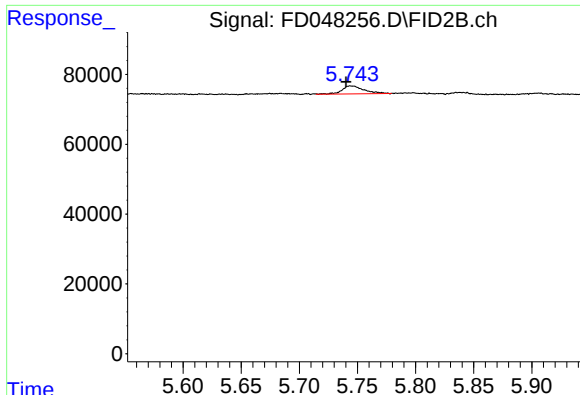
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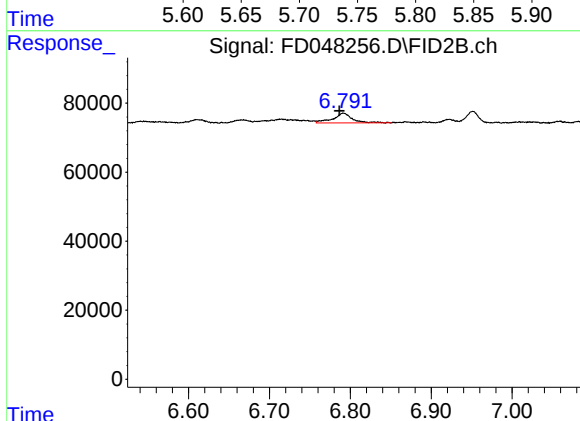




#2 Naphthalene (C11.7)

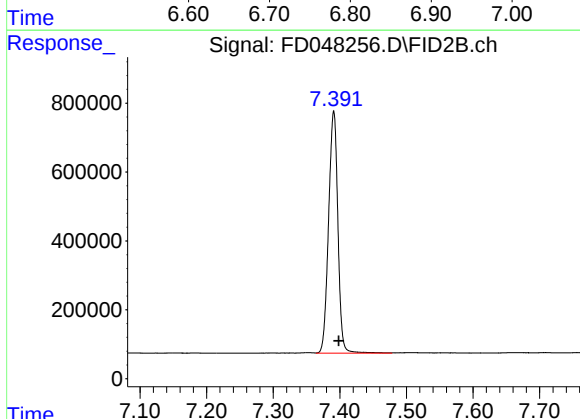
R.T.: 5.745 min
Delta R.T.: 0.005 min
Response: 29724
Conc: 0.17 ug/ml

Instrument :
FID_D
ClientSampleId :



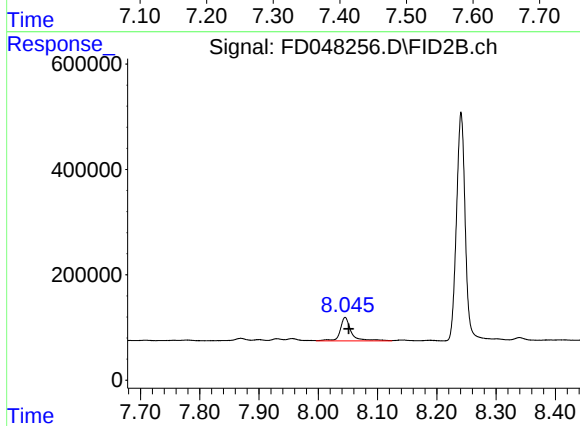
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.792 min
Delta R.T.: 0.005 min
Response: 46331
Conc: 0.27 ug/ml



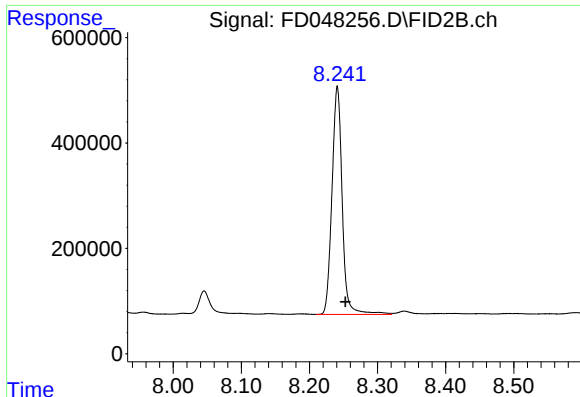
#4 2-Bromonaphthalene (SURR)

R.T.: 7.391 min
Delta R.T.: -0.008 min
Response: 6807771
Conc: 45.61 ug/ml



#5 Acenaphthylene (C15.06)

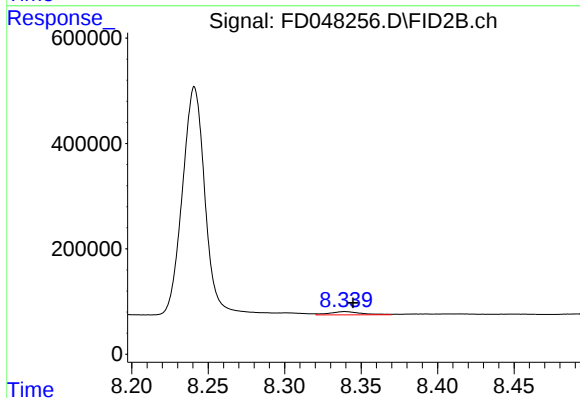
R.T.: 8.046 min
Delta R.T.: -0.006 min
Response: 580327
Conc: 3.37 ug/ml



#6 2-Fluorobiphenyl (SURR)

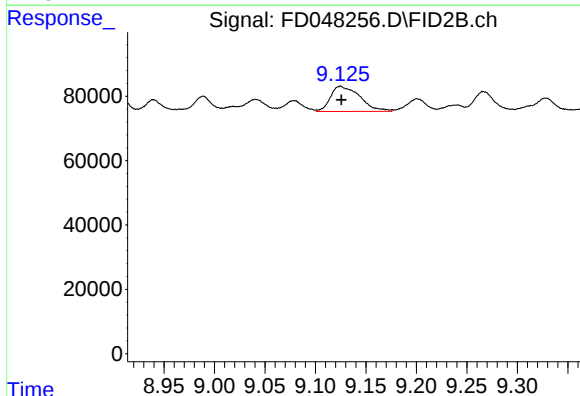
R.T.: 8.241 min
Delta R.T.: -0.012 min
Response: 4522751
Conc: 47.25 ug/ml

Instrument :
FID_D
ClientSampleId :



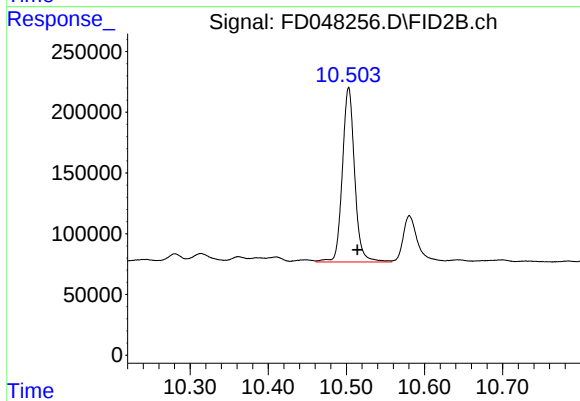
#7 Acenaphthene (C15.5)

R.T.: 8.340 min
Delta R.T.: -0.005 min
Response: 89777
Conc: 0.52 ug/ml



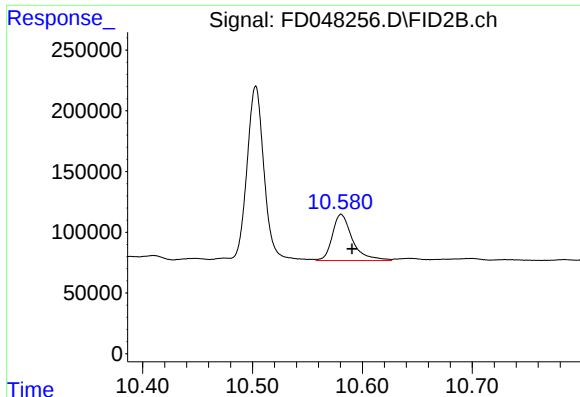
#8 Flouorene (C16.55)

R.T.: 9.125 min
Delta R.T.: 0.000 min
Response: 158560
Conc: 0.96 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.503 min
Delta R.T.: -0.011 min
Response: 1569737
Conc: 9.81 ug/ml



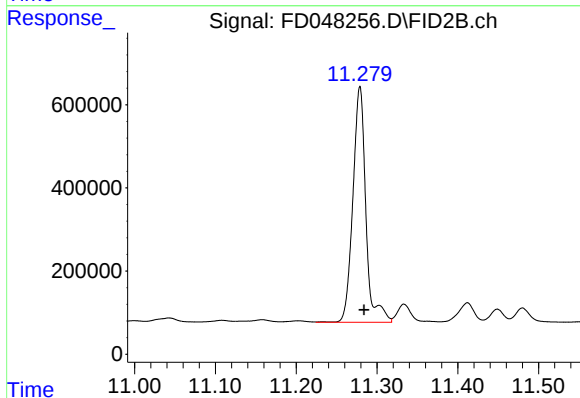
#10 Anthracene (C19.43)

R.T.: 10.581 min
Delta R.T.: -0.010 min
Response: 481577
Conc: 3.07 ug/ml

Instrument :

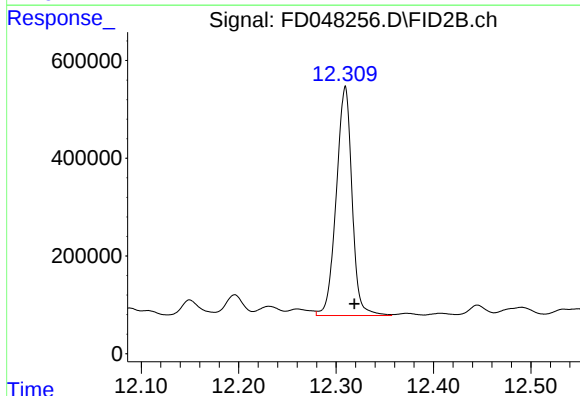
FID_D

ClientSampleId :



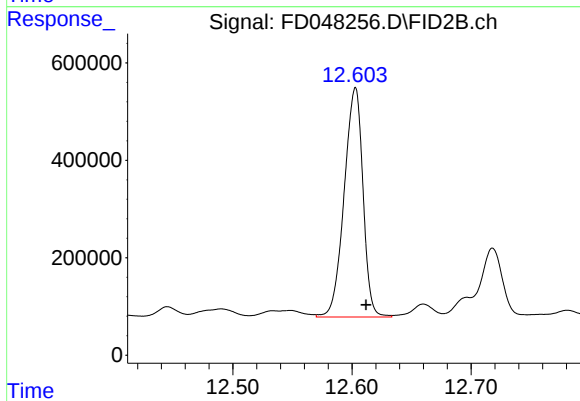
#11 ortho-Terphenyl (SURR)

R.T.: 11.279 min
Delta R.T.: -0.005 min
Response: 6325883
Conc: 37.55 ug/ml



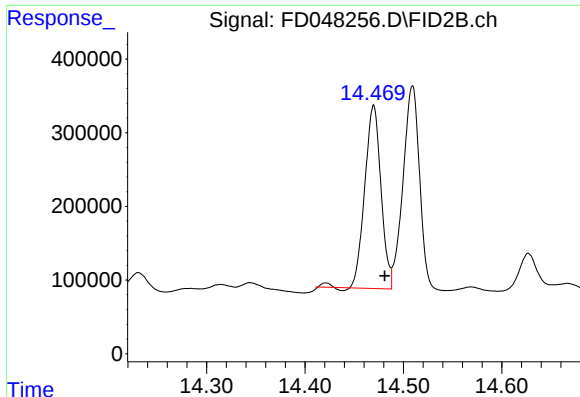
#12 Fluoranthene (C21.85)

R.T.: 12.309 min
Delta R.T.: -0.010 min
Response: 5274330
Conc: 33.13 ug/ml



#13 Pyrene (C20.8)

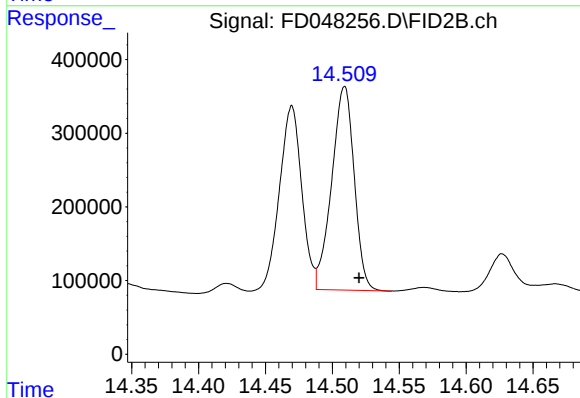
R.T.: 12.602 min
Delta R.T.: -0.010 min
Response: 5160833
Conc: 32.88 ug/ml



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

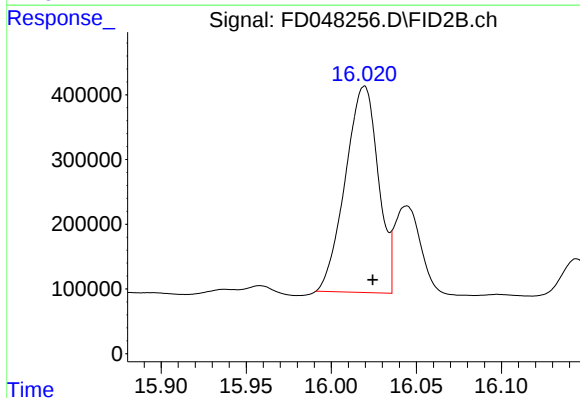
R.T.: 14.470 min
Delta R.T.: -0.011 min
Response: 2838557
Conc: 20.15 ug/ml

Instrument :
FID_D
ClientSampleId :



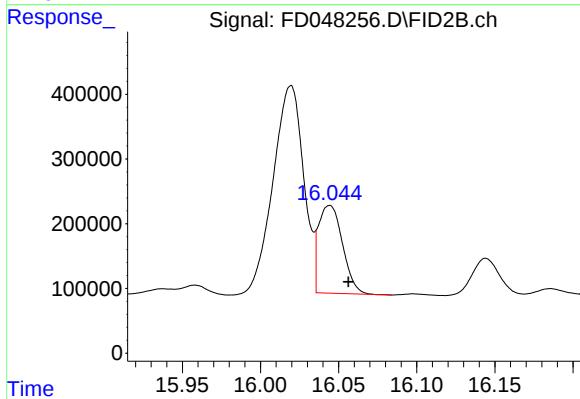
#15 Chrysene (C27.41)

R.T.: 14.509 min
Delta R.T.: -0.011 min
Response: 3236076
Conc: 20.30 ug/ml



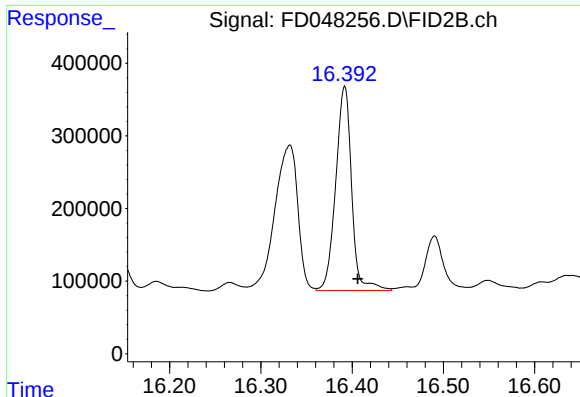
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.019 min
Delta R.T.: -0.005 min
Response: 4300663
Conc: 28.97 ug/ml



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

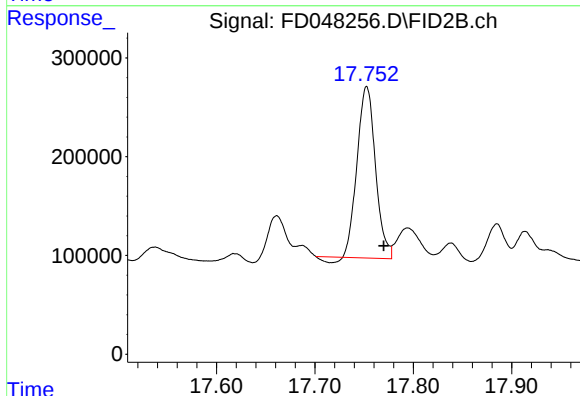
R.T.: 16.044 min
Delta R.T.: -0.012 min
Response: 1439192
Conc: 9.70 ug/ml



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

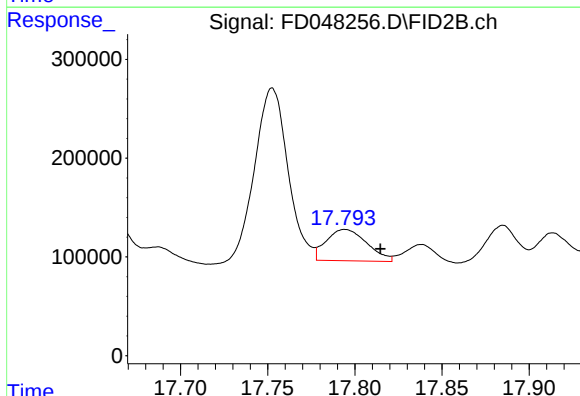
R.T.: 16.392 min
Delta R.T.: -0.015 min
Response: 3411171
Conc: 23.16 ug/ml

Instrument :
FID_D
ClientSampleId :



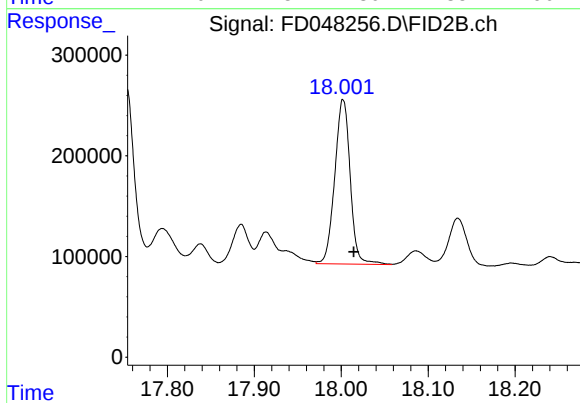
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.753 min
Delta R.T.: -0.017 min
Response: 2213857
Conc: 18.11 ug/ml



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

R.T.: 17.794 min
Delta R.T.: -0.020 min
Response: 517039
Conc: 3.38 ug/ml



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

R.T.: 18.002 min
Delta R.T.: -0.013 min
Response: 2020977
Conc: 13.38 ug/ml