

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062323AR\
 Data File : FD045938.D
 Signal(s) : FID2B.ch
 Acq On : 23 Jun 2023 22:44
 Operator : YP/AJ
 Sample : 03331-03
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 24 00:32:05 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...	7.522	7534991	41.794 ug/ml
Spiked Amount 50.000		Recovery =	83.59%
6) S 2-Fluorobiphenyl (SURR)	8.377	4279523	35.595 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	71.19%
11) S ortho-Terphenyl (SURR)	11.417	8756485	39.202 ug/ml
Spiked Amount 50.000		Recovery =	78.40%
Target Compounds			
2) T Naphthalene (C11.7)	5.859	120608	0.569 ug/ml
3) T 2-Methylnaphthalene (...)	6.907	97038	0.459 ug/ml
5) T Acenaphthylene (C15.06)	8.178	109032	0.575 ug/ml
7) T Acenaphthene (C15.5)	8.472	125876	0.623 ug/ml
8) T Fluorene (C16.55)	9.250	169706	0.857 ug/ml
9) T Phenanthrene (C19.36)	10.640	1784425	9.327 ug/ml
10) T Anthracene (C19.43)	10.713	373392	2.192 ug/ml
12) T Fluoranthene (C21.85)	12.446	2831872	15.328 ug/ml
13) T Pyrene (C20.8)	12.740	2326517	13.027 ug/ml
14) T Benzo[a]anthracene (C...	14.642	1398011	8.929 ug/ml
15) T Chrysene (C27.41)	14.642	1398011	8.474 ug/ml
16) T benzo[b]fluoranthene ...	16.172	564413	3.729 ug/ml
17) T Bnezo[k]fluoranthene ...	16.172	564413	3.646 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.519	1149044	7.857 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.876	968739	6.614 ug/ml
20) T Dibenz[a,h]anthracene...	17.959	137379	0.916 ug/ml
21) T Benzo[g,h,i]perylene ...	18.126	703348	4.767 ug/ml

(f)=RT Delta > 1/2 Window

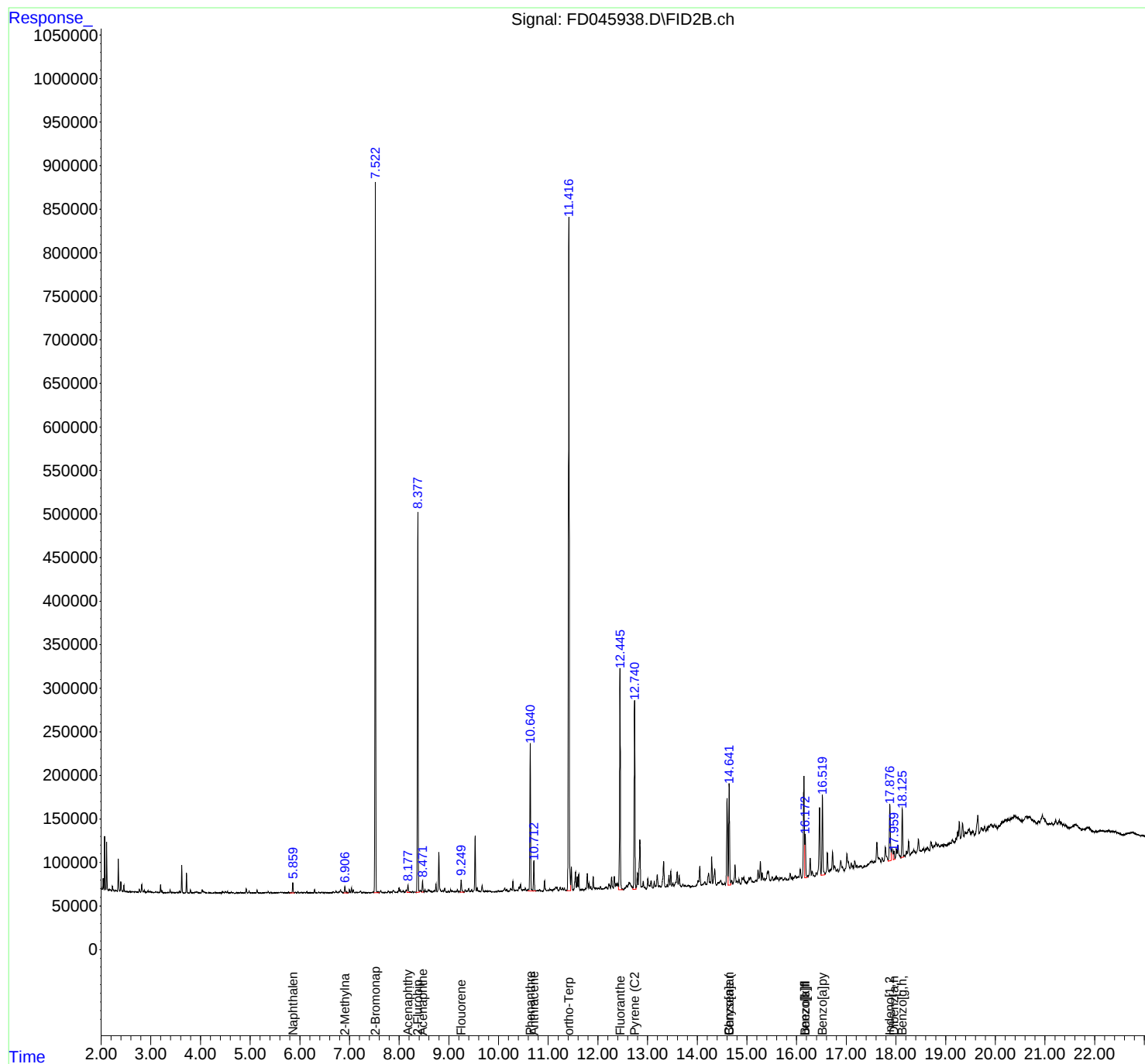
(m)=manual int.

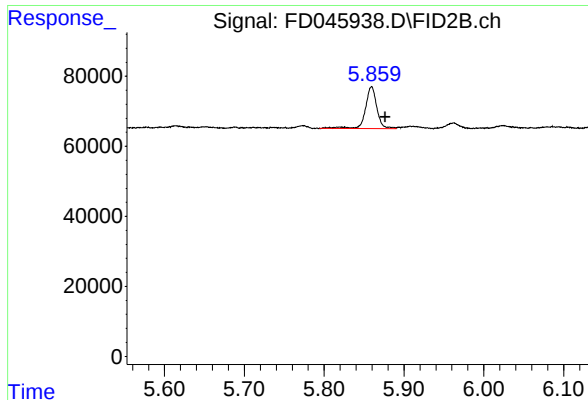
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Signal Info : 20M x 0.18mm x 0.18µm

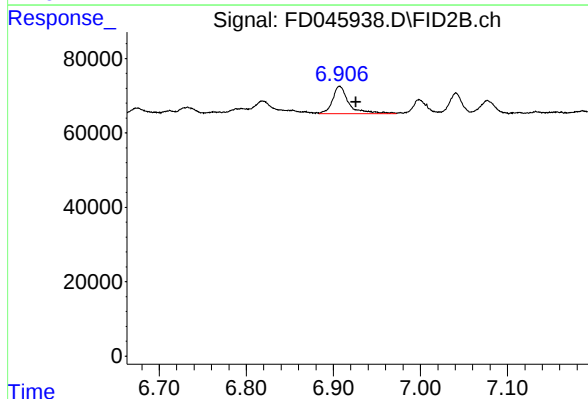




#2 Naphthalene (C11.7)

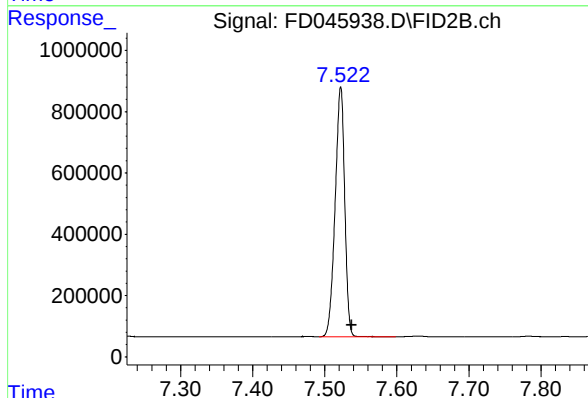
R.T.: 5.859 min
Delta R.T.: -0.017 min
Response: 120608
Conc: 0.57 ug/ml

Instrument :
FID_D
ClientSampleId :



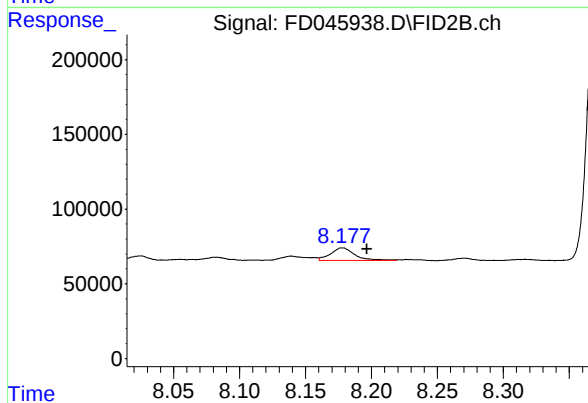
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.907 min
Delta R.T.: -0.019 min
Response: 97038
Conc: 0.46 ug/ml



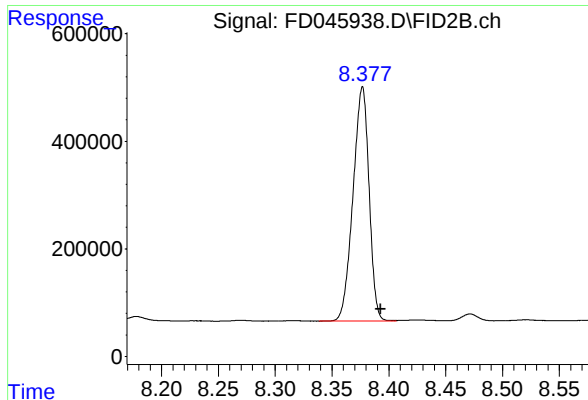
#4 2-Bromonaphthalene (SURR)

R.T.: 7.522 min
Delta R.T.: -0.015 min
Response: 7534991
Conc: 41.79 ug/ml



#5 Acenaphthylene (C15.06)

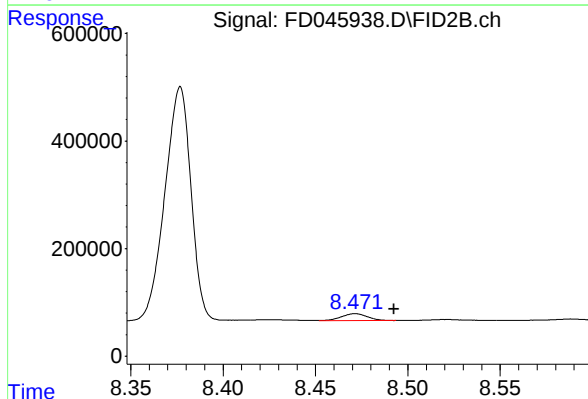
R.T.: 8.178 min
Delta R.T.: -0.019 min
Response: 109032
Conc: 0.58 ug/ml



#6 2-Fluorobiphenyl (SURR)

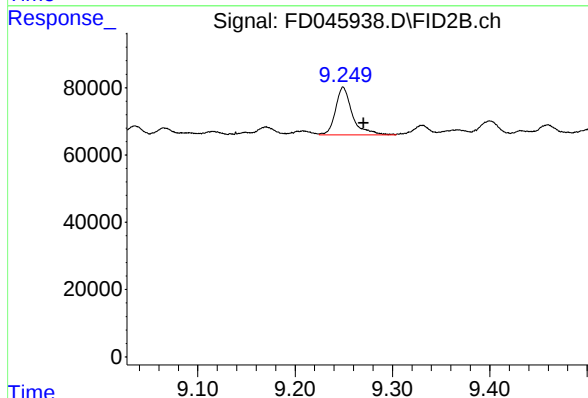
R.T.: 8.377 min
Delta R.T.: -0.016 min
Response: 4279523
Conc: 35.60 ug/ml

Instrument :
FID_D
ClientSampleId :



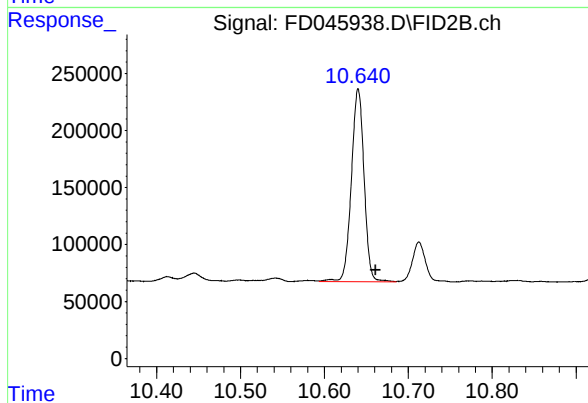
#7 Acenaphthene (C15.5)

R.T.: 8.472 min
Delta R.T.: -0.021 min
Response: 125876
Conc: 0.62 ug/ml



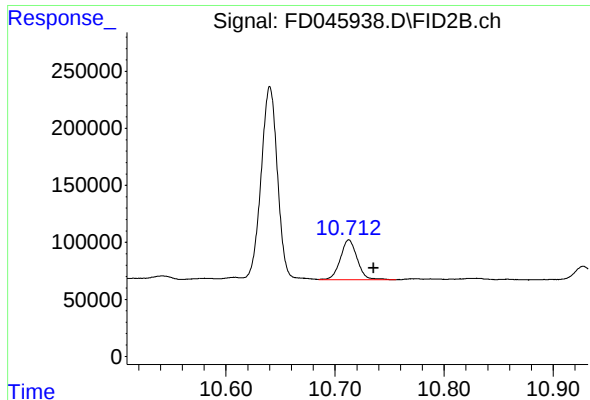
#8 Flouorene (C16.55)

R.T.: 9.250 min
Delta R.T.: -0.021 min
Response: 169706
Conc: 0.86 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.640 min
Delta R.T.: -0.021 min
Response: 1784425
Conc: 9.33 ug/ml



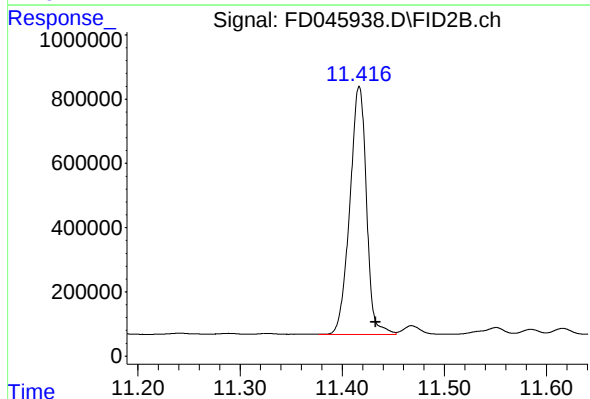
#10 Anthracene (C19.43)

R.T.: 10.713 min
Delta R.T.: -0.022 min
Response: 373392
Conc: 2.19 ug/ml

Instrument :

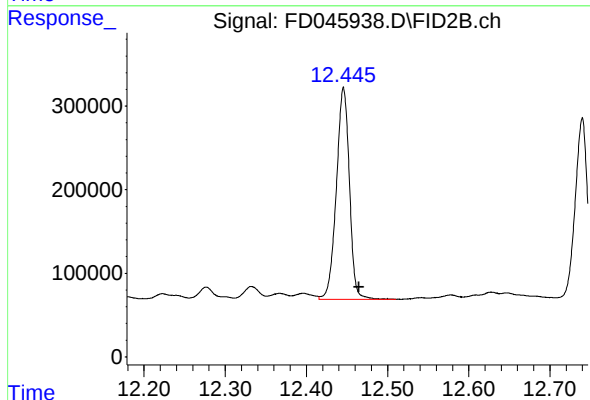
FID_D

ClientSampleId :



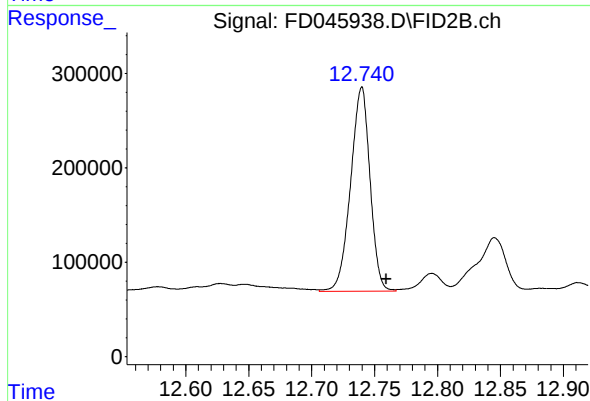
#11 ortho-Terphenyl (SURR)

R.T.: 11.417 min
Delta R.T.: -0.016 min
Response: 8756485
Conc: 39.20 ug/ml



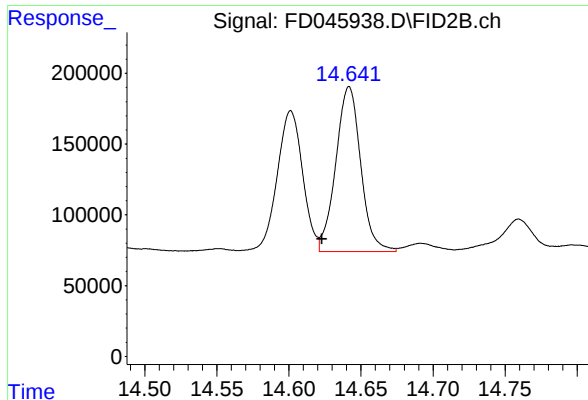
#12 Fluoranthene (C21.85)

R.T.: 12.446 min
Delta R.T.: -0.019 min
Response: 2831872
Conc: 15.33 ug/ml



#13 Pyrene (C20.8)

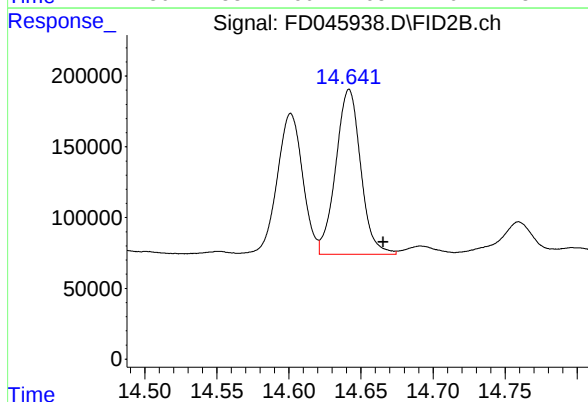
R.T.: 12.740 min
Delta R.T.: -0.020 min
Response: 2326517
Conc: 13.03 ug/ml



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

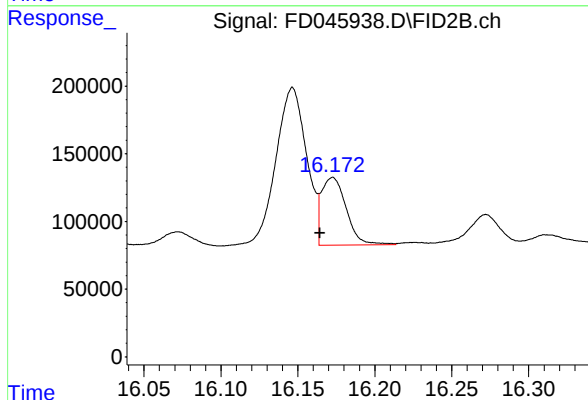
R.T.: 14.642 min
Delta R.T.: 0.019 min
Response: 1398011
Conc: 8.93 ug/ml

Instrument :
FID_D
ClientSampleId :



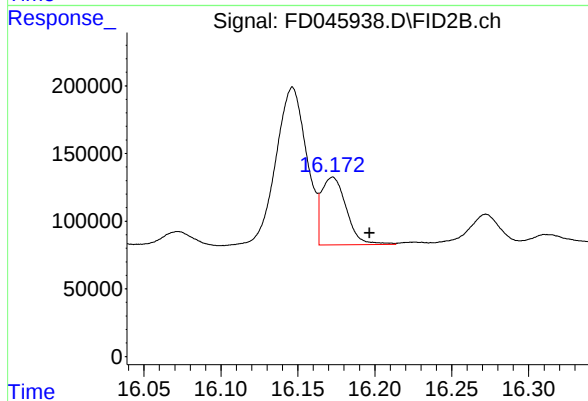
#15 Chrysene (C27.41)

R.T.: 14.642 min
Delta R.T.: -0.024 min
Response: 1398011
Conc: 8.47 ug/ml



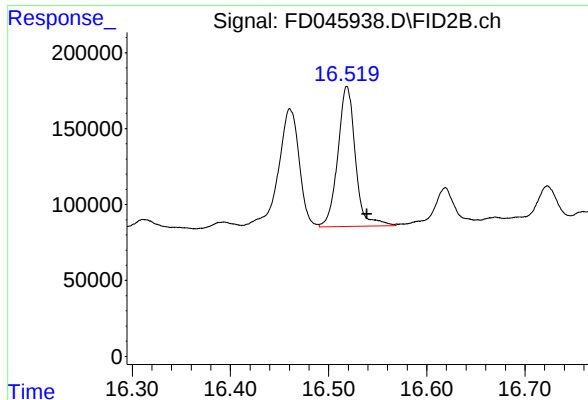
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.172 min
Delta R.T.: 0.008 min
Response: 564413
Conc: 3.73 ug/ml



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

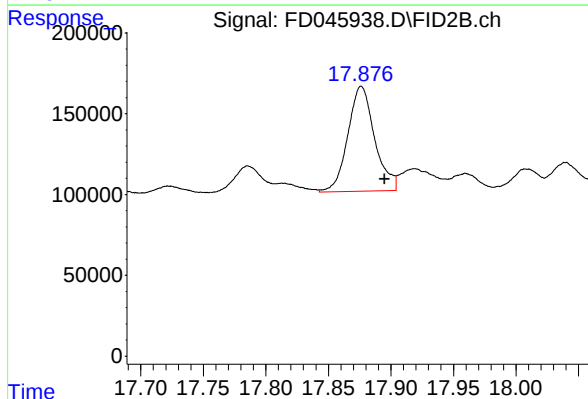
R.T.: 16.172 min
Delta R.T.: -0.024 min
Response: 564413
Conc: 3.65 ug/ml



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

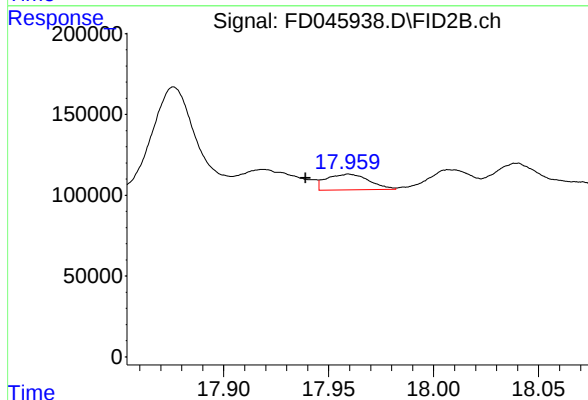
R.T.: 16.519 min
Delta R.T.: -0.020 min
Response: 1149044
Conc: 7.86 ug/ml

Instrument :
FID_D
ClientSampleId :



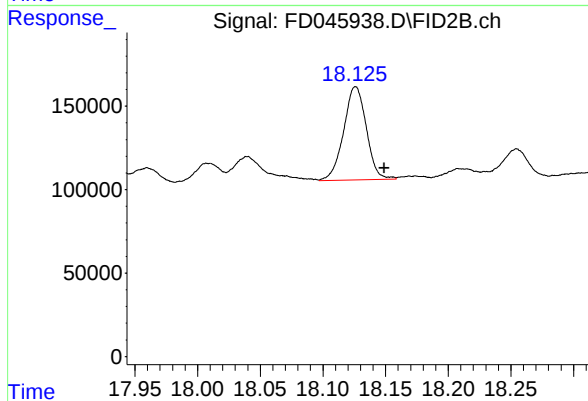
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.876 min
Delta R.T.: -0.019 min
Response: 968739
Conc: 6.61 ug/ml



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

R.T.: 17.959 min
Delta R.T.: 0.020 min
Response: 137379
Conc: 0.92 ug/ml



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

R.T.: 18.126 min
Delta R.T.: -0.023 min
Response: 703348
Conc: 4.77 ug/ml