

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD090623AR\
 Data File : FD046444.D
 Signal(s) : FID2B.ch
 Acq On : 06 Sep 2023 10:12
 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: Sep 06 13:40:03 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 082223.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 22 12:26:56 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...	7.494	3381328	20.021 ug/ml
Spiked Amount 50.000		Recovery =	40.04%
6) S 2-Fluorobiphenyl (SURR)	8.347	2240380	20.131 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.26%
11) S ortho-Terphenyl (SURR)	11.385	3966213	20.223 ug/ml
Spiked Amount 50.000		Recovery =	40.45%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.308	3517292	20.016 ug/ml
2) T Naphthalene (C11.7)	5.834	3690208	20.022 ug/ml
3) T 2-Methylnaphthalene (...)	6.882	3742857	20.158 ug/ml
5) T Acenaphthylene (C15.06)	8.151	3356202	19.722 ug/ml
7) T Acenaphthene (C15.5)	8.446	3622218	20.106 ug/ml
8) T Flouorene (C16.55)	9.224	3513341	20.088 ug/ml
9) T Phenanthrene (C19.36)	10.613	3455510	20.140 ug/ml
10) T Anthracene (C19.43)	10.687	2881351	17.080 ug/ml
12) T Fluoranthene (C21.85)	12.416	3378956	20.310 ug/ml
13) T Pyrene (C20.8)	12.709	3218890	19.972 ug/ml
14) T Benzo[a]anthracene (C...	14.573	2733867	19.432 ug/ml
15) T Chrysene (C27.41)	14.615	2922223	19.700 ug/ml
16) T benzo[b]fluoranthene ...	16.146	2755633	20.280 ug/ml
17) T Bnezo[k]fluoranthene ...	16.146	2755633	20.312 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.489	2531150	19.210 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.887	2459845	19.721 ug/ml
20) T Dibenz[a,h]anthracene...	17.918	279236	2.228 ug/ml
21) T Benzo[g,h,i]perylene ...	18.098	2553204	19.909 ug/ml

(f)=RT Delta > 1/2 Window

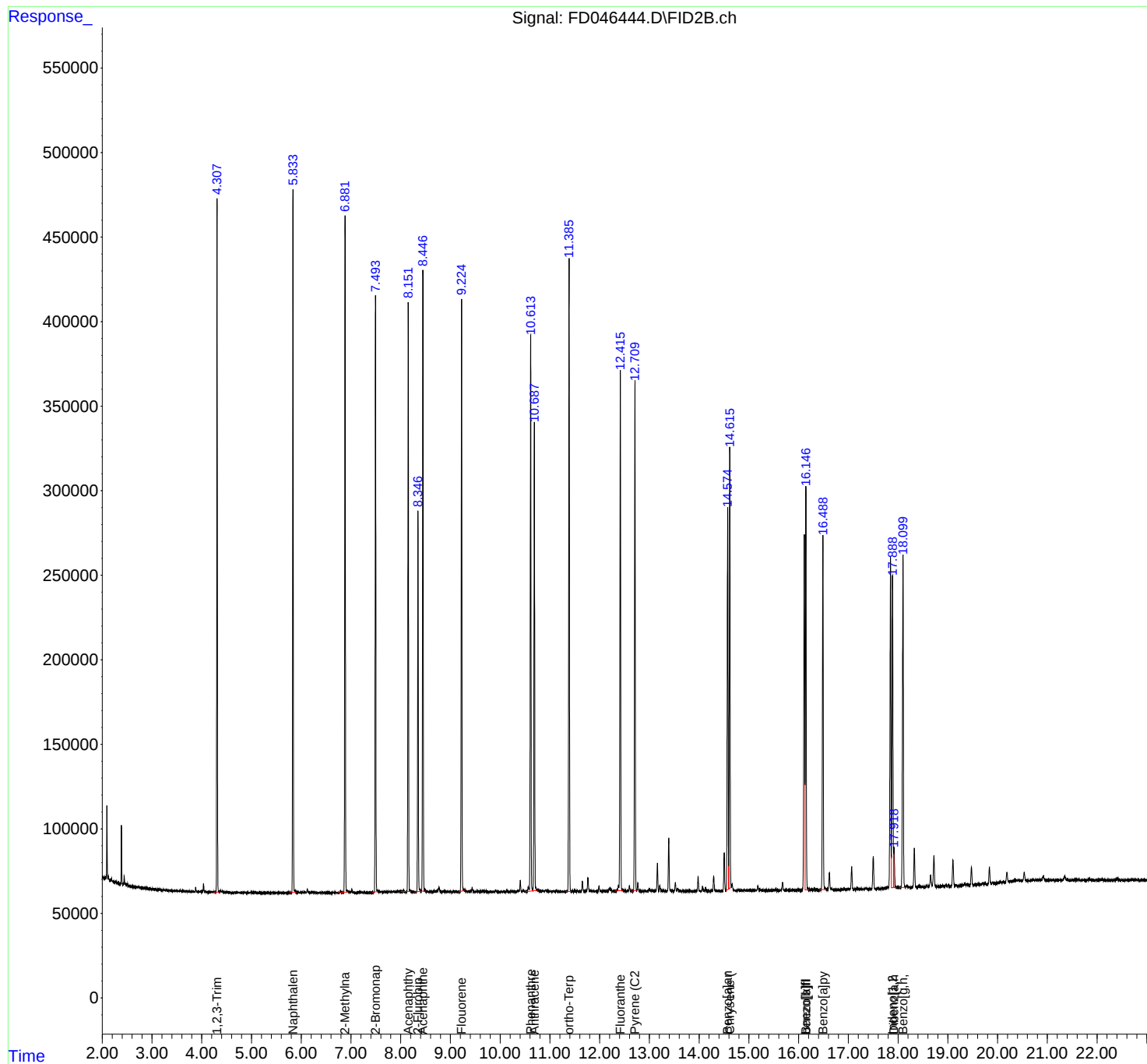
(m)=manual int.

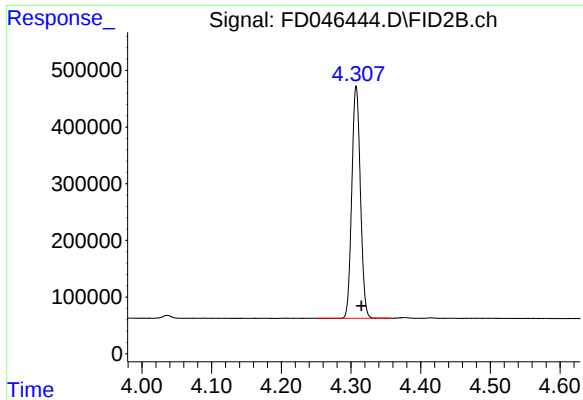
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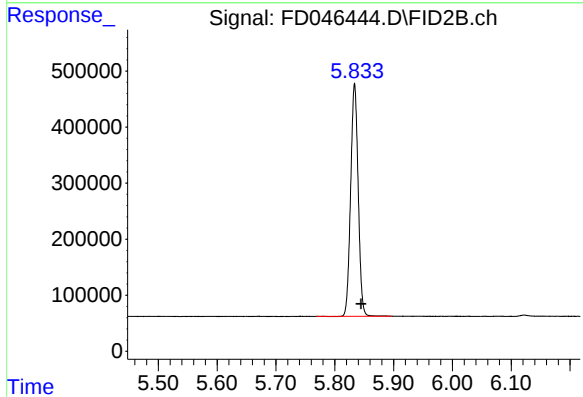




#1 1,2,3-Trimethylbenzene (C10.1)

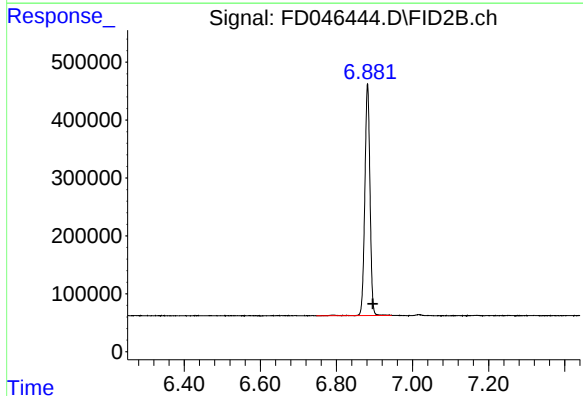
R.T.: 4.308 min
Delta R.T.: -0.007 min
Response: 3517292
Conc: 20.02 ug/ml

Instrument :
FID_D
ClientSampleId :



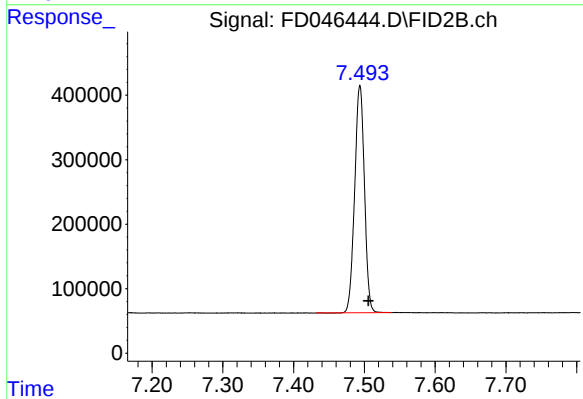
#2 Naphthalene (C11.7)

R.T.: 5.834 min
Delta R.T.: -0.011 min
Response: 3690208
Conc: 20.02 ug/ml



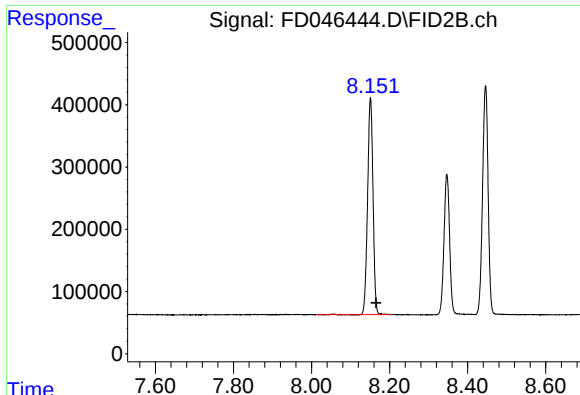
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.882 min
Delta R.T.: -0.013 min
Response: 3742857
Conc: 20.16 ug/ml



#4 2-Bromonaphthalene (SURR)

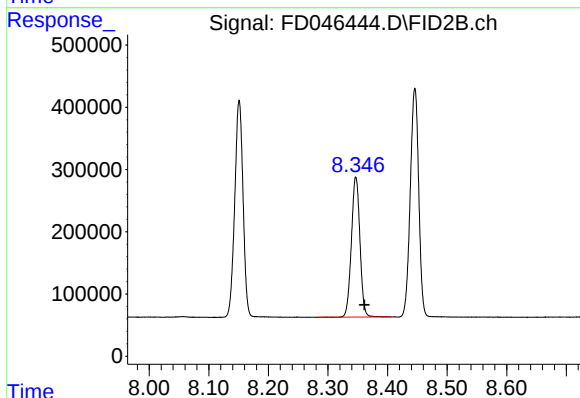
R.T.: 7.494 min
Delta R.T.: -0.012 min
Response: 3381328
Conc: 20.02 ug/ml



#5 Acenaphthylene (C15.06)

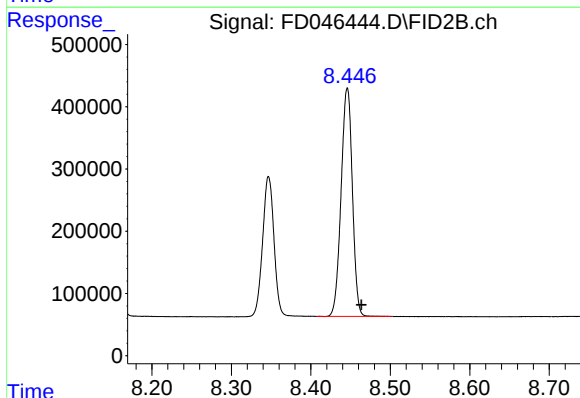
R.T.: 8.151 min
Delta R.T.: -0.014 min
Response: 3356202
Conc: 19.72 ug/ml

Instrument :
FID_D
ClientSampleId :



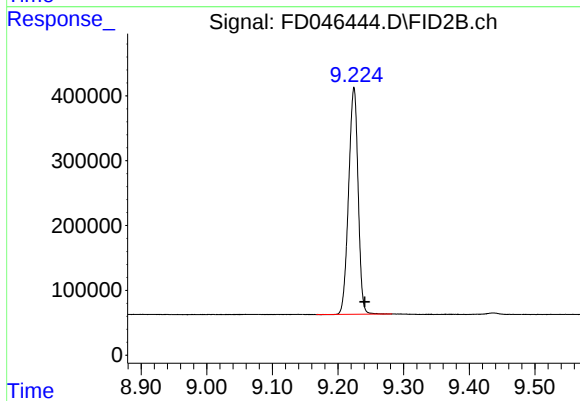
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.347 min
Delta R.T.: -0.014 min
Response: 2240380
Conc: 20.13 ug/ml



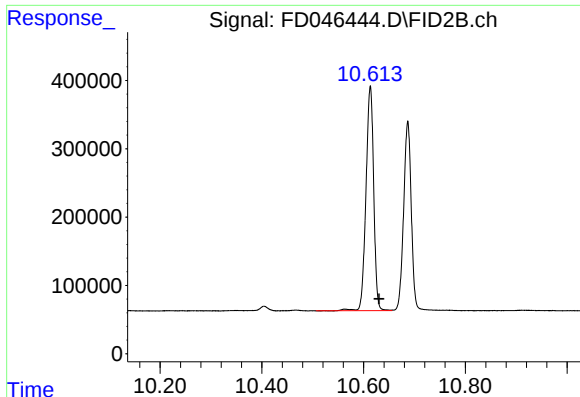
#7 Acenaphthene (C15.5)

R.T.: 8.446 min
Delta R.T.: -0.018 min
Response: 3622218
Conc: 20.11 ug/ml



#8 Flouorene (C16.55)

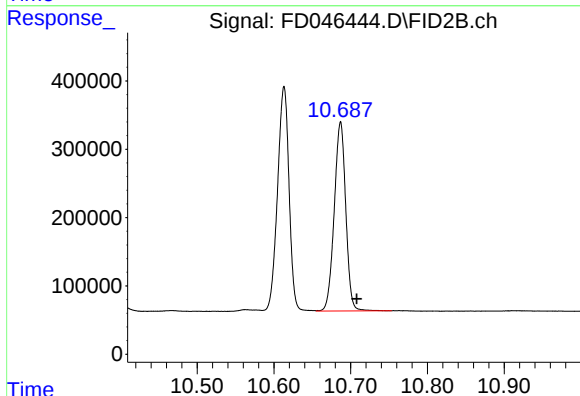
R.T.: 9.224 min
Delta R.T.: -0.016 min
Response: 3513341
Conc: 20.09 ug/ml



#9 Phenanthrene (C19.36)

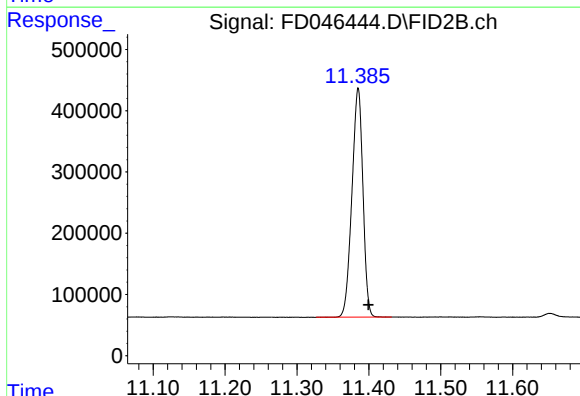
R.T.: 10.613 min
Delta R.T.: -0.017 min
Response: 3455510
Conc: 20.14 ug/ml

Instrument :
FID_D
ClientSampleId :



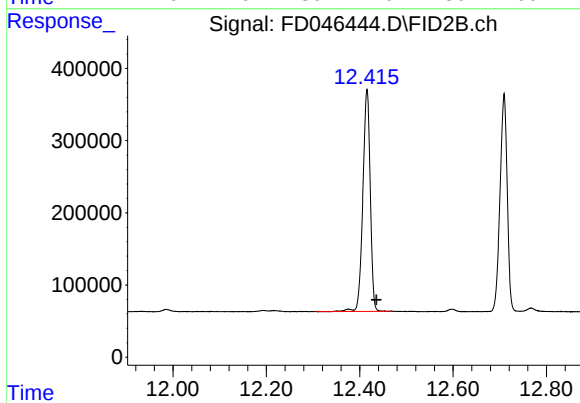
#10 Anthracene (C19.43)

R.T.: 10.687 min
Delta R.T.: -0.021 min
Response: 2881351
Conc: 17.08 ug/ml



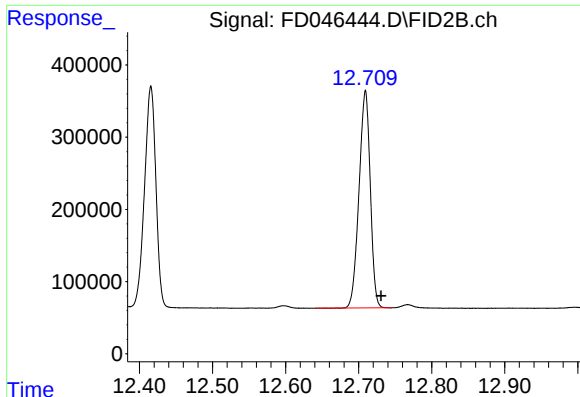
#11 ortho-Terphenyl (SURR)

R.T.: 11.385 min
Delta R.T.: -0.014 min
Response: 3966213
Conc: 20.22 ug/ml



#12 Fluoranthene (C21.85)

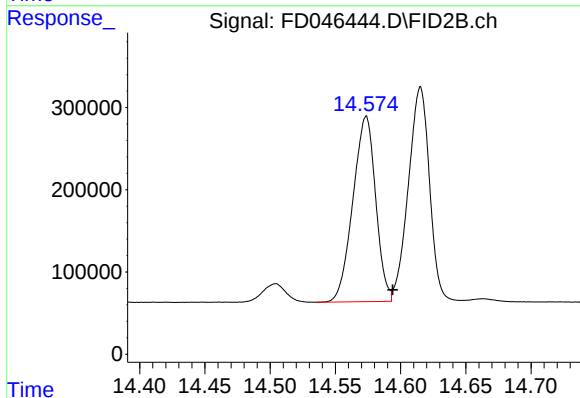
R.T.: 12.416 min
Delta R.T.: -0.020 min
Response: 3378956
Conc: 20.31 ug/ml



#13 Pyrene (C20.8)

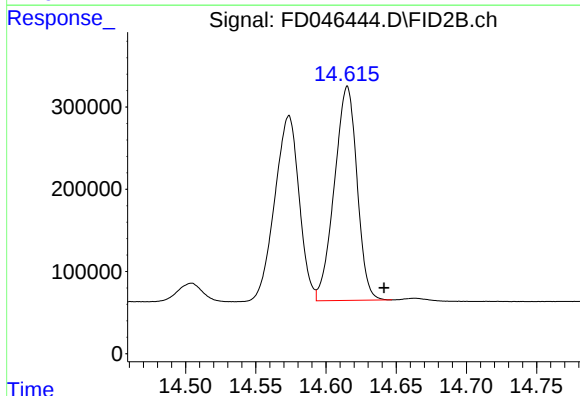
R.T.: 12.709 min
Delta R.T.: -0.021 min
Response: 3218890
Conc: 19.97 ug/ml

Instrument :
FID_D
ClientSampleId :



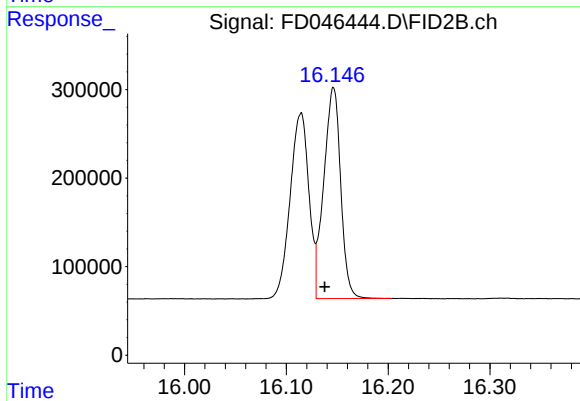
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.573 min
Delta R.T.: -0.021 min
Response: 2733867
Conc: 19.43 ug/ml



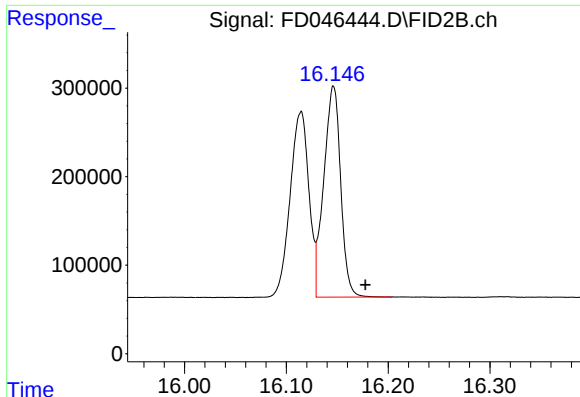
#15 Chrysene (C27.41)

R.T.: 14.615 min
Delta R.T.: -0.026 min
Response: 2922223
Conc: 19.70 ug/ml



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

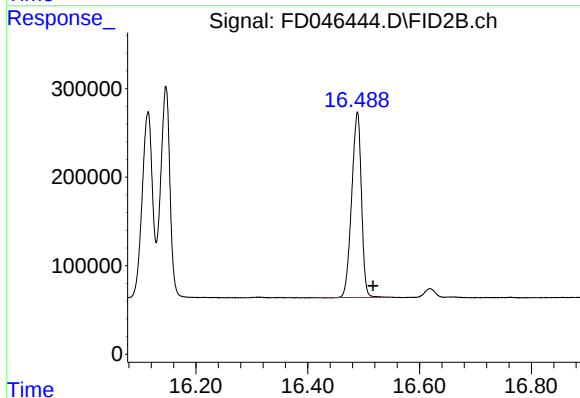
R.T.: 16.146 min
Delta R.T.: 0.009 min
Response: 2755633
Conc: 20.28 ug/ml



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

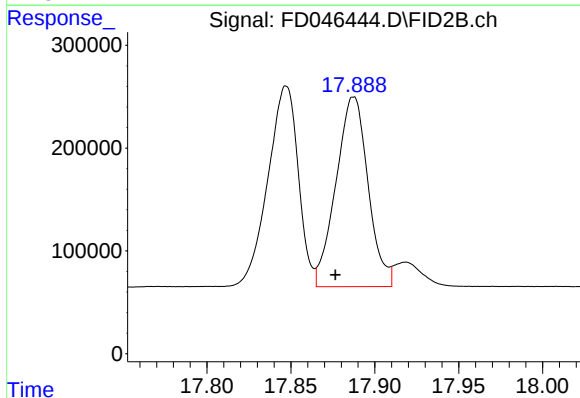
R.T.: 16.146 min
Delta R.T.: -0.032 min
Response: 2755633
Conc: 20.31 ug/ml

Instrument :
FID_D
ClientSampleId :



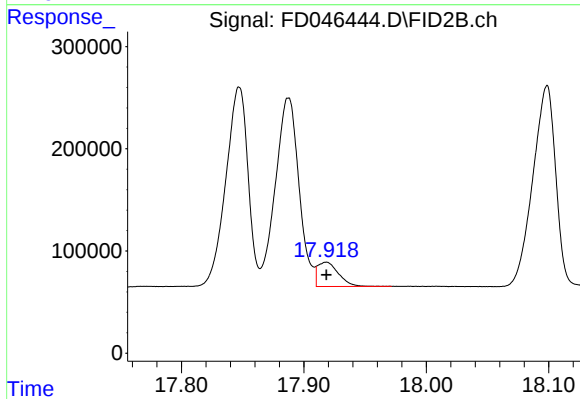
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.489 min
Delta R.T.: -0.029 min
Response: 2531150
Conc: 19.21 ug/ml



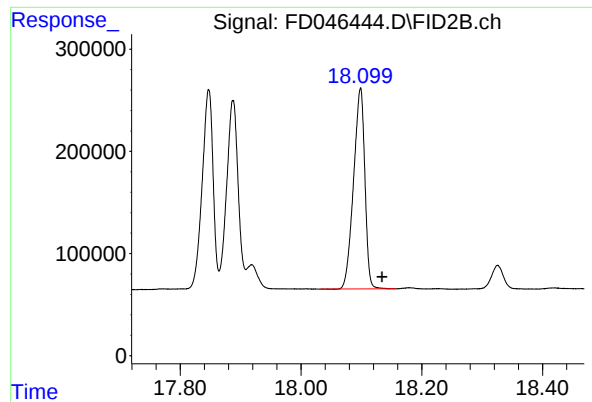
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.887 min
Delta R.T.: 0.011 min
Response: 2459845
Conc: 19.72 ug/ml



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

R.T.: 17.918 min
Delta R.T.: 0.000 min
Response: 279236
Conc: 2.23 ug/ml



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

R.T.: 18.098 min
Delta R.T.: -0.036 min
Response: 2553204
Conc: 19.91 ug/ml

Instrument :

FID_D

ClientSampleId :