

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081822AR\
 Data File : FD043656.D
 Signal(s) : FID2B.ch
 Acq On : 18 Aug 2022 14:03
 Operator : YP/AJ
 Sample : N4124-04RE
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: sample.E
 Quant Time: Aug 18 16:43:32 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 072522.M
 Quant Title : GC Extractables
 QLast Update : Mon Aug 08 16:58:49 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...	7.609	4469502	31.597 ug/ml
Spiked Amount 50.000		Recovery =	63.19%
6) S 2-Fluorobiphenyl (SURR)	8.472	1178787	12.400 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	24.80%
11) S ortho-Terphenyl (SURR)	11.518	3169068	18.698 ug/ml
Spiked Amount 50.000		Recovery =	37.40%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.408	6405	0.041 ug/ml
2) T Naphthalene (C11.7)	5.946	145792	0.902 ug/ml
3) T 2-Methylnaphthalene (...)	6.998	207303	1.416 ug/ml
5) T Acenaphthylene (C15.06)	8.275	813790	5.013 ug/ml
7) T Acenaphthene (C15.5)	8.570	162748	1.007 ug/ml
8) T Flouorene (C16.55)	9.352	359683	2.295 ug/ml
9) T Phenanthrene (C19.36)	10.750	2080384	13.274 ug/ml
10) T Anthracene (C19.43)	10.825	1364486	8.859 ug/ml
12) T Fluoranthene (C21.85)	12.569	4351287	27.473 ug/ml
13) T Pyrene (C20.8)	12.866	4068169	25.886 ug/ml
14) T Benzo[a]anthracene (C...	14.741	2868623	19.444 ug/ml
15) T Chrysene (C27.41)	14.782	3427811	21.937 ug/ml
16) T benzo[b]fluoranthene ...	16.303	4220340	28.214 ug/ml
17) T Bnezo[k]fluoranthene ...	16.326	1344692	8.961 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.680	3509002	24.826 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.048	2154272	18.228 ug/ml
20) T Dibenz[a,h]anthracene...	18.084	699478	4.931 ug/ml
21) T Benzo[g,h,i]perylene ...	18.301	2200663	16.922 ug/ml

(f)=RT Delta > 1/2 Window

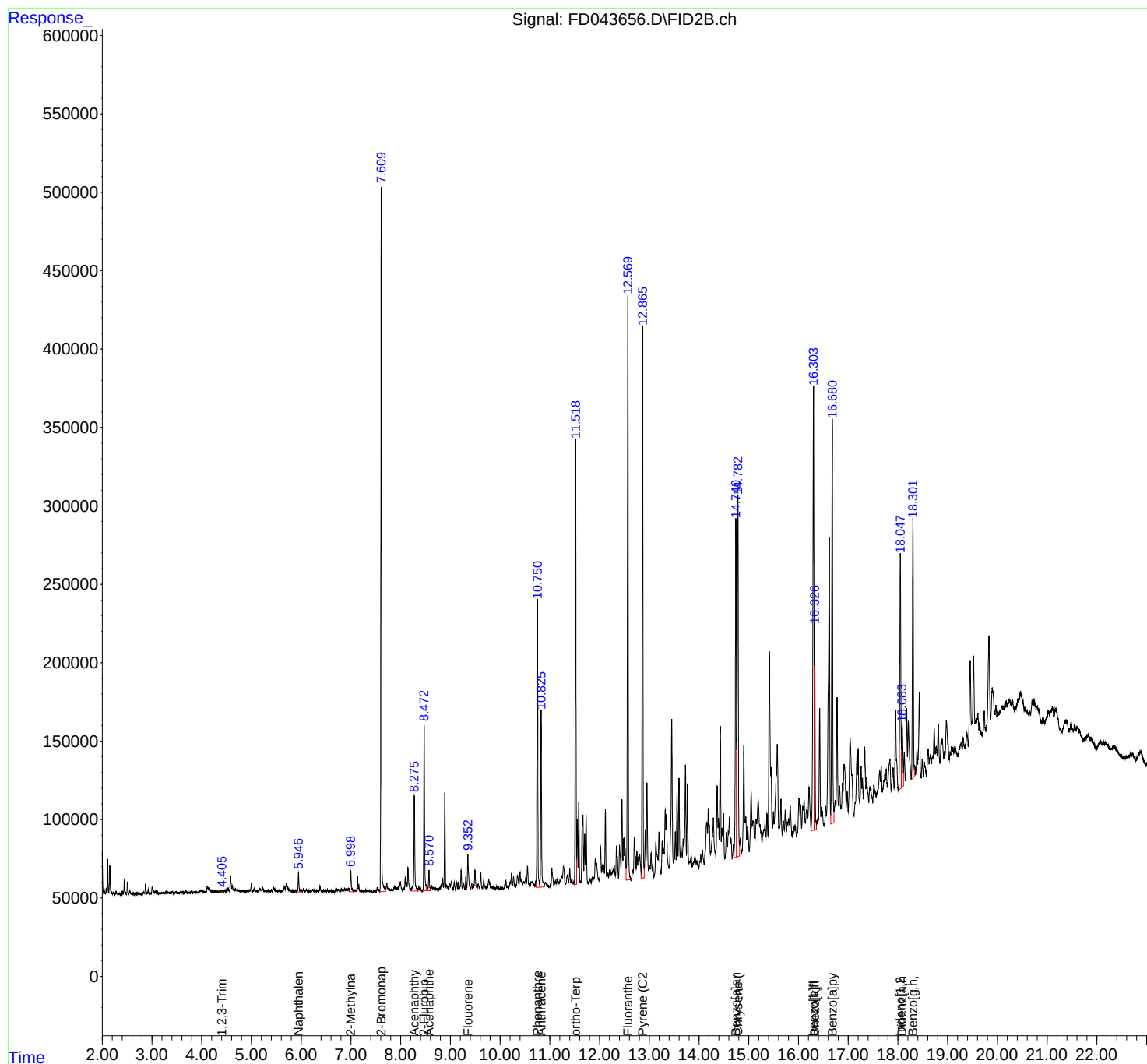
(m)=manual int.

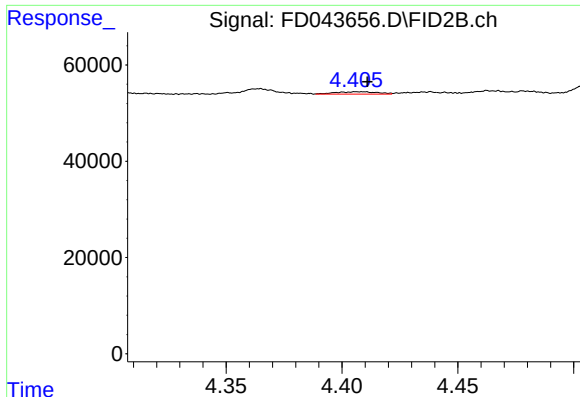
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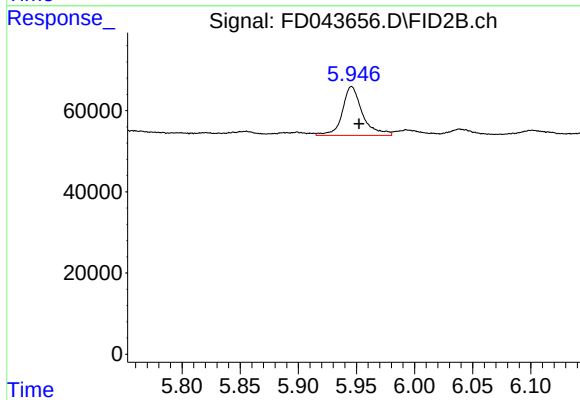




#1 1,2,3-Trimethylbenzene (C10.1)

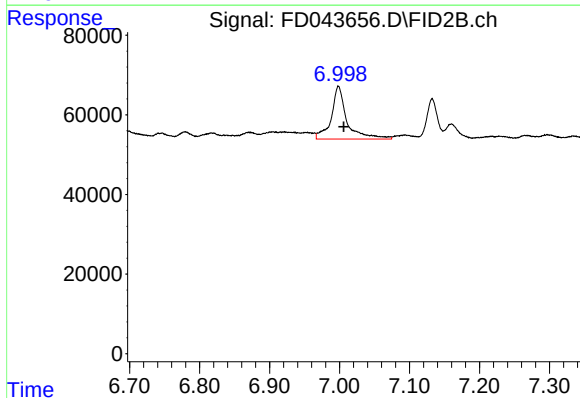
R.T.: 4.408 min
Delta R.T.: -0.003 min
Response: 6405
Conc: 0.04 ug/ml

Instrument :
FID_D
ClientSampleId :



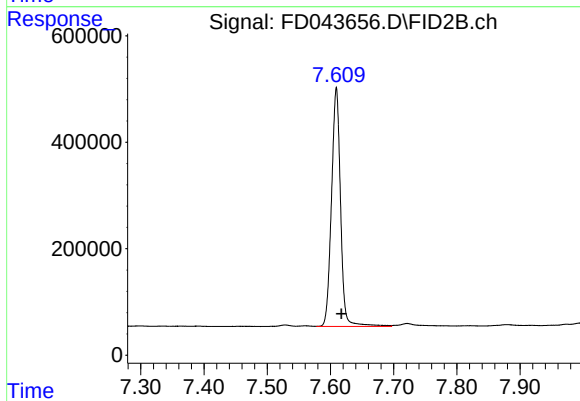
#2 Naphthalene (C11.7)

R.T.: 5.946 min
Delta R.T.: -0.006 min
Response: 145792
Conc: 0.90 ug/ml



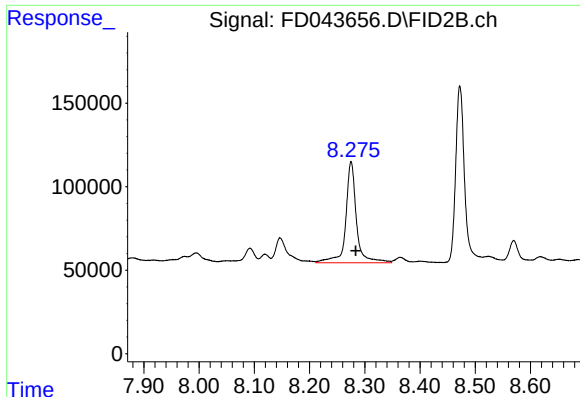
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.998 min
Delta R.T.: -0.008 min
Response: 207303
Conc: 1.42 ug/ml



#4 2-Bromonaphthalene (SURR)

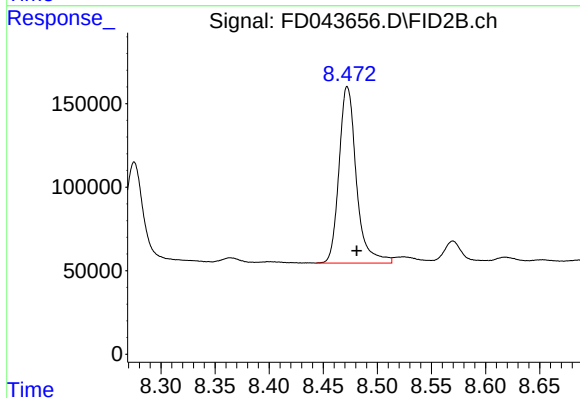
R.T.: 7.609 min
Delta R.T.: -0.008 min
Response: 4469502
Conc: 31.60 ug/ml



#5 Acenaphthylene (C15.06)

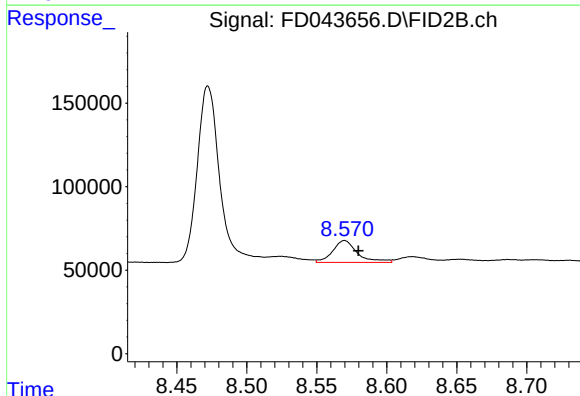
R.T.: 8.275 min
Delta R.T.: -0.008 min
Response: 813790
Conc: 5.01 ug/ml

Instrument :
FID_D
ClientSampleId :



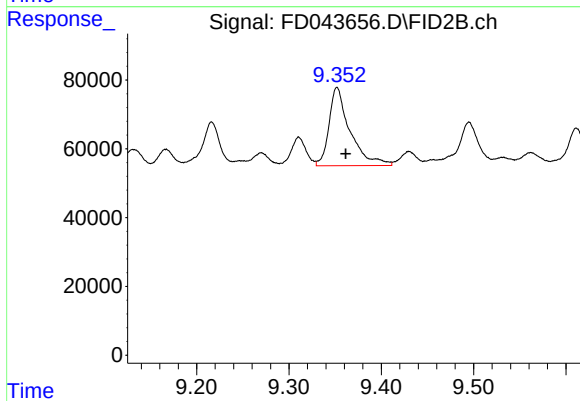
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.472 min
Delta R.T.: -0.009 min
Response: 1178787
Conc: 12.40 ug/ml



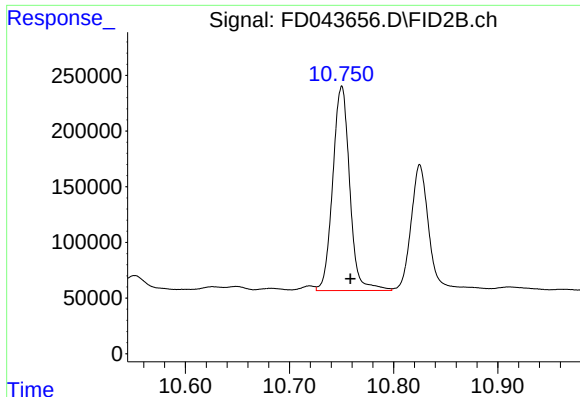
#7 Acenaphthene (C15.5)

R.T.: 8.570 min
Delta R.T.: -0.010 min
Response: 162748
Conc: 1.01 ug/ml



#8 Flouorene (C16.55)

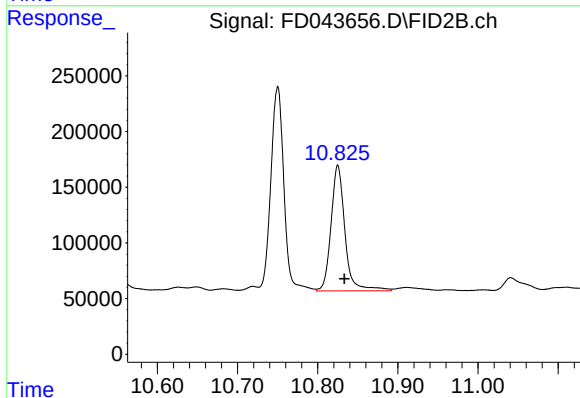
R.T.: 9.352 min
Delta R.T.: -0.010 min
Response: 359683
Conc: 2.30 ug/ml



#9 Phenanthrene (C19.36)

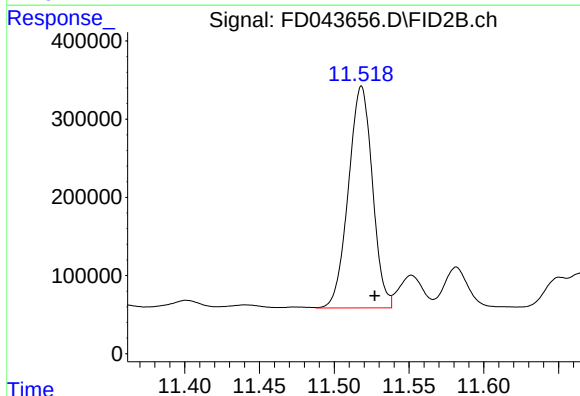
R.T.: 10.750 min
Delta R.T.: -0.008 min
Response: 2080384
Conc: 13.27 ug/ml

Instrument :
FID_D
ClientSampleId :



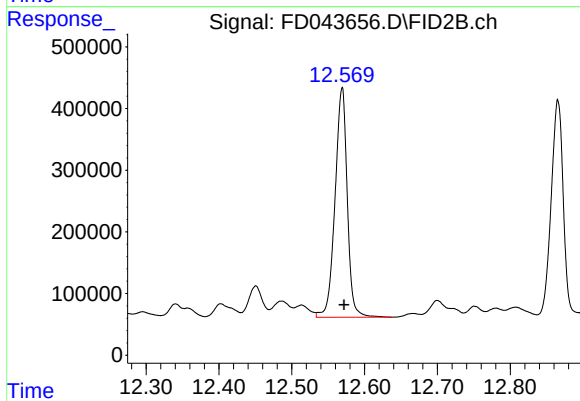
#10 Anthracene (C19.43)

R.T.: 10.825 min
Delta R.T.: -0.008 min
Response: 1364486
Conc: 8.86 ug/ml



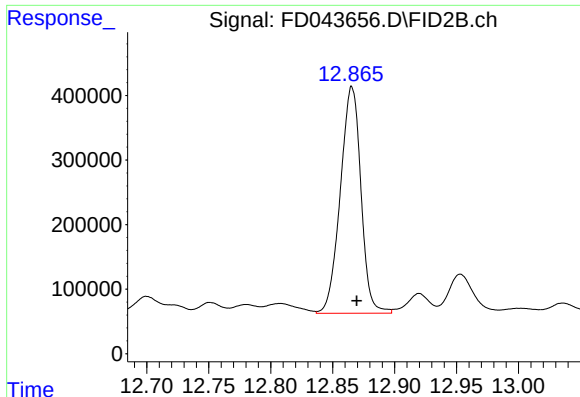
#11 ortho-Terphenyl (SURR)

R.T.: 11.518 min
Delta R.T.: -0.009 min
Response: 3169068
Conc: 18.70 ug/ml



#12 Fluoranthene (C21.85)

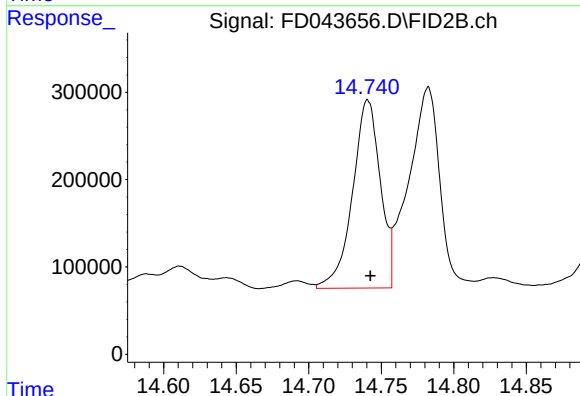
R.T.: 12.569 min
Delta R.T.: -0.002 min
Response: 4351287
Conc: 27.47 ug/ml



#13 Pyrene (C20.8)

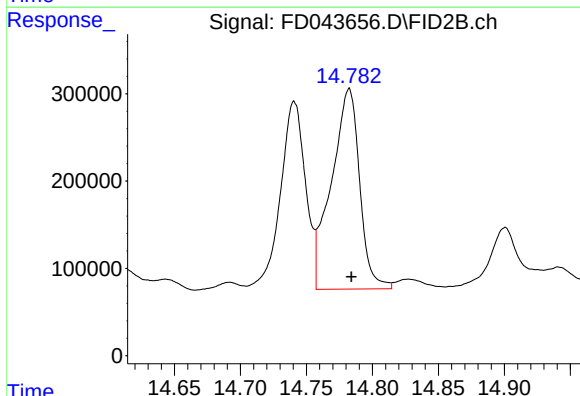
R.T.: 12.866 min
Delta R.T.: -0.004 min
Response: 4068169
Conc: 25.89 ug/ml

Instrument :
FID_D
ClientSampleId :



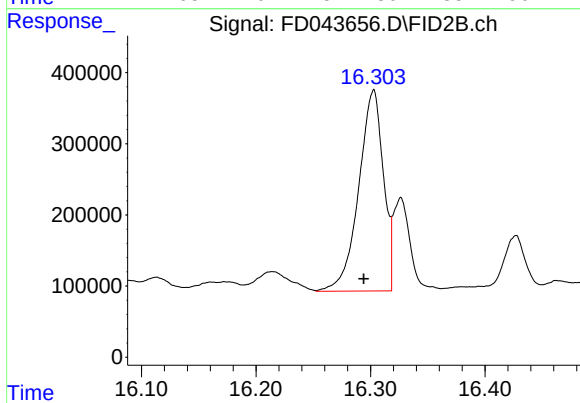
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.741 min
Delta R.T.: -0.002 min
Response: 2868623
Conc: 19.44 ug/ml



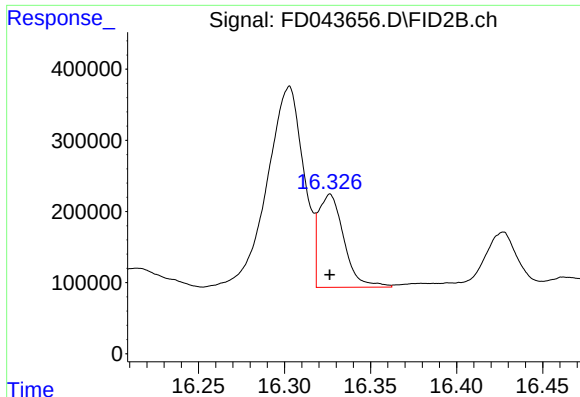
#15 Chrysene (C27.41)

R.T.: 14.782 min
Delta R.T.: -0.002 min
Response: 3427811
Conc: 21.94 ug/ml



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

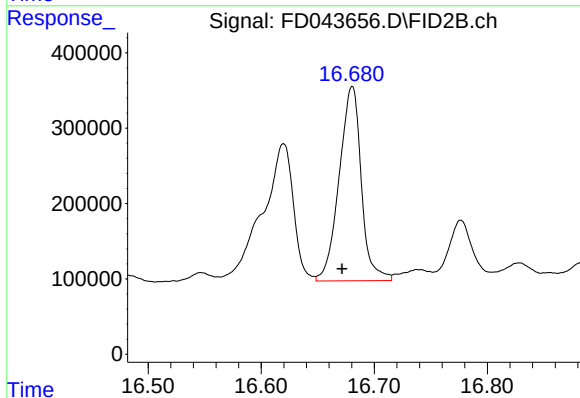
R.T.: 16.303 min
Delta R.T.: 0.009 min
Response: 4220340
Conc: 28.21 ug/ml



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

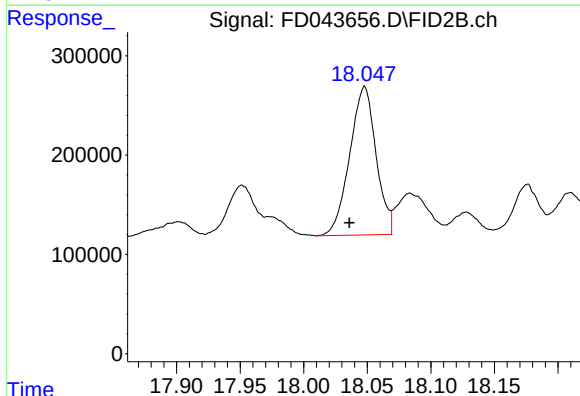
R.T.: 16.326 min
Delta R.T.: 0.000 min
Response: 1344692
Conc: 8.96 ug/ml

Instrument :
FID_D
ClientSampleId :



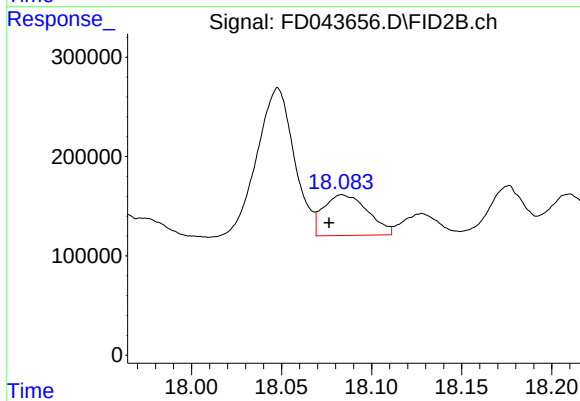
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.680 min
Delta R.T.: 0.009 min
Response: 3509002
Conc: 24.83 ug/ml



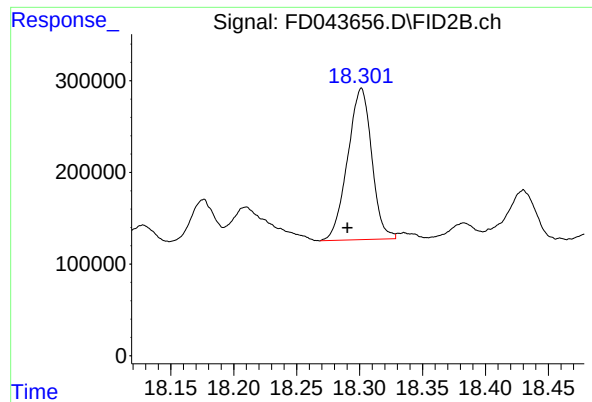
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.048 min
Delta R.T.: 0.012 min
Response: 2154272
Conc: 18.23 ug/ml



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

R.T.: 18.084 min
Delta R.T.: 0.007 min
Response: 699478
Conc: 4.93 ug/ml



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

R.T.: 18.301 min
Delta R.T.: 0.011 min
Response: 2200663
Conc: 16.92 ug/ml

Instrument :

FID_D

ClientSampleId :