

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042924AR\
 Data File : FD047607.D
 Signal(s) : FID2B.ch
 Acq On : 29 Apr 2024 12:09
 Operator : YP/AJ
 Sample : 100 PPM AROMATIC HC STD1
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 29 15:22:13 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042924.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 29 15:18:46 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...	7.466	15255389	99.693 ug/ml
Spiked Amount 50.000		Recovery =	199.39%
6) S 2-Fluorobiphenyl (SURR)	8.321	10409942	99.831 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	199.66%#
11) S ortho-Terphenyl (SURR)	11.362	17830607	99.468 ug/ml
Spiked Amount 50.000		Recovery =	198.94%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.275	15701834	99.502 ug/ml
2) T Naphthalene (C11.7)	5.803	16546564	99.371 ug/ml
3) T 2-Methylnaphthalene (...)	6.854	16695862	99.416 ug/ml
5) T Acenaphthylene (C15.06)	8.124	15588878	99.342 ug/ml
7) T Acenaphthene (C15.5)	8.422	16417627	99.658 ug/ml
8) T Flouorene (C16.55)	9.200	16298809	99.761 ug/ml
9) T Phenanthrene (C19.36)	10.591	16162347	99.440 ug/ml
10) T Anthracene (C19.43)	10.667	14774122	99.838 ug/ml
12) T Fluoranthene (C21.85)	12.400	16175554	99.683 ug/ml
13) T Pyrene (C20.8)	12.695	15765644	99.687 ug/ml
14) T Benzo[a]anthracene (C...	14.562	14475131	99.715 ug/ml
15) T Chrysene (C27.41)	14.610	15170887	99.307 ug/ml
16) T benzo[b]fluoranthene ...	16.111	14712904	99.766 ug/ml
17) T Bnezo[k]fluoranthene ...	16.151	14334498	99.132 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.490	14080058	99.392 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.855	14039564	100.963 ug/ml
20) T Dibenz[a,h]anthracene...	17.895	13040543	97.612 ug/ml
21) T Benzo[g,h,i]perylene ...	18.113	13519765	99.248 ug/ml

(f)=RT Delta > 1/2 Window

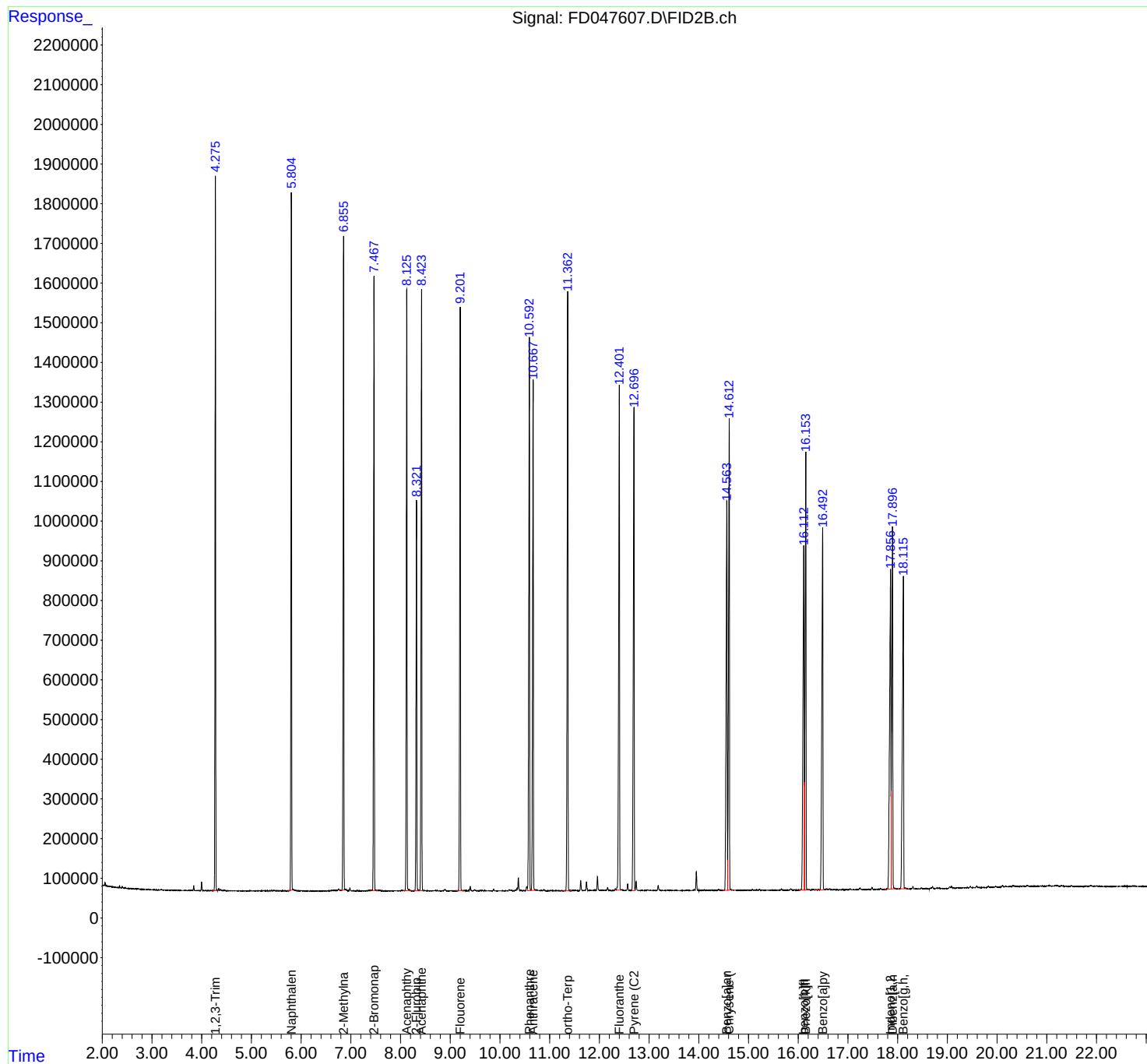
(m)=manual int.

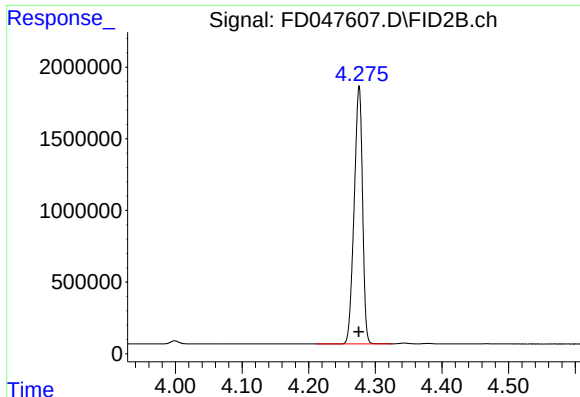
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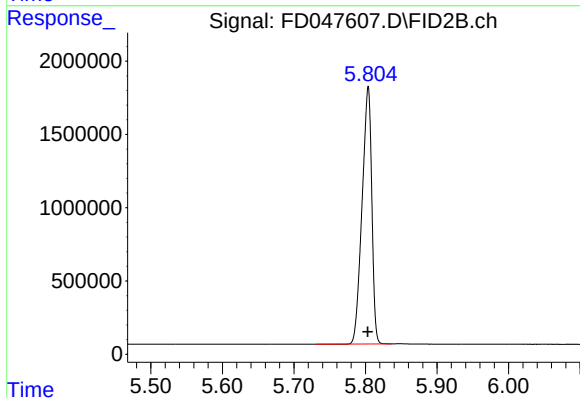




#1 1,2,3-Trimethylbenzene (C10.1)

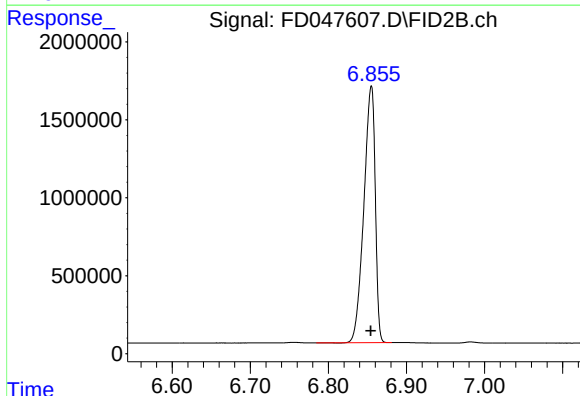
R.T.: 4.275 min
Delta R.T.: 0.000 min
Response: 15701834
Conc: 99.50 ug/ml

Instrument :
FID_D
ClientSampleId :



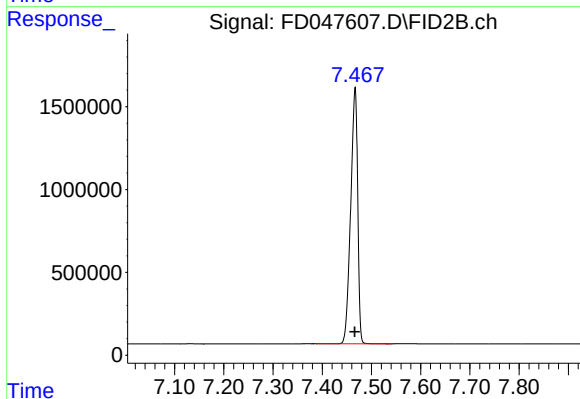
#2 Naphthalene (C11.7)

R.T.: 5.803 min
Delta R.T.: 0.000 min
Response: 16546564
Conc: 99.37 ug/ml



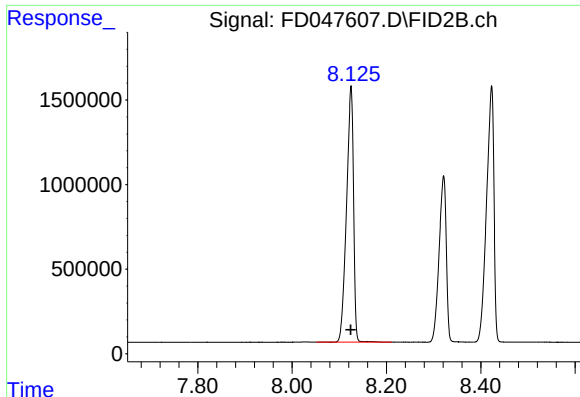
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.854 min
Delta R.T.: 0.000 min
Response: 16695862
Conc: 99.42 ug/ml



#4 2-Bromonaphthalene (SURR)

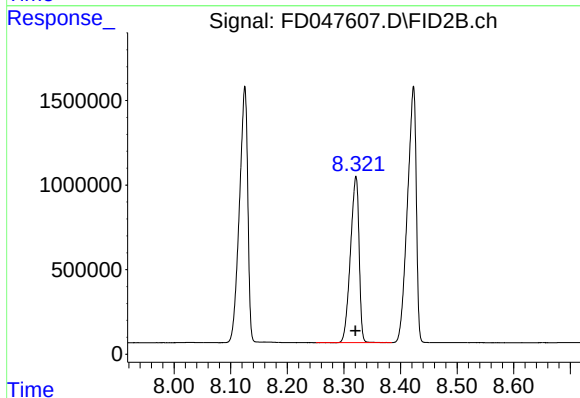
R.T.: 7.466 min
Delta R.T.: 0.000 min
Response: 15255389
Conc: 99.69 ug/ml



#5 Acenaphthylene (C15.06)

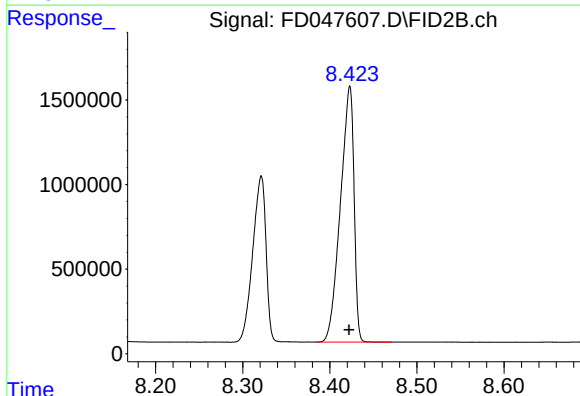
R.T.: 8.124 min
Delta R.T.: 0.000 min
Response: 15588878
Conc: 99.34 ug/ml

Instrument :
FID_D
ClientSampleId :



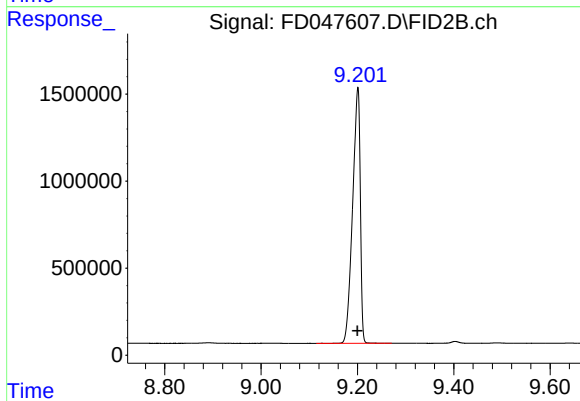
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.321 min
Delta R.T.: 0.000 min
Response: 10409942
Conc: 99.83 ug/ml



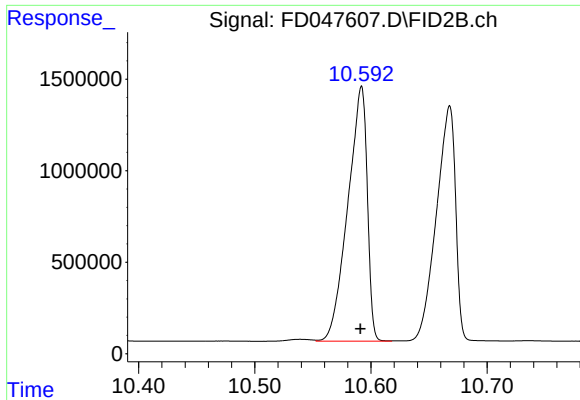
#7 Acenaphthene (C15.5)

R.T.: 8.422 min
Delta R.T.: 0.000 min
Response: 16417627
Conc: 99.66 ug/ml



#8 Flouorene (C16.55)

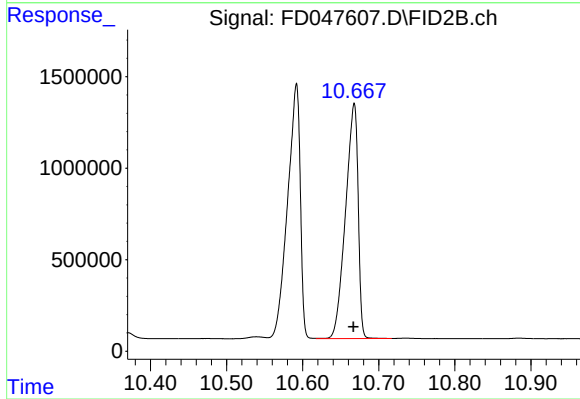
R.T.: 9.200 min
Delta R.T.: 0.000 min
Response: 16298809
Conc: 99.76 ug/ml



#9 Phenanthrene (C19.36)

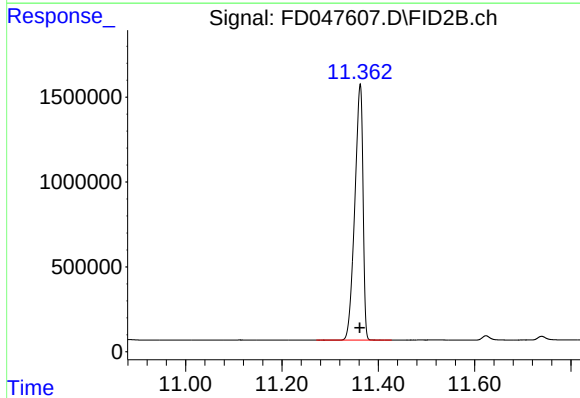
R.T.: 10.591 min
Delta R.T.: 0.000 min
Response: 16162347
Conc: 99.44 ug/ml

Instrument :
FID_D
ClientSampleId :



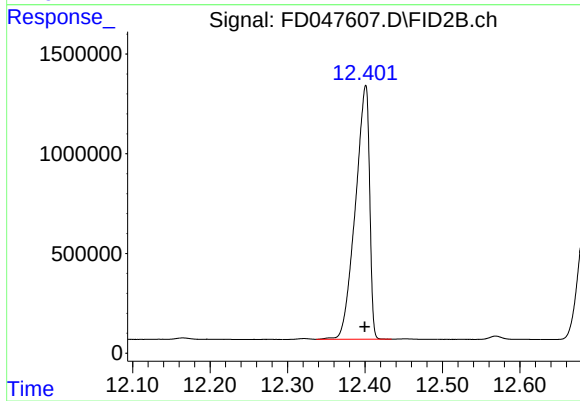
#10 Anthracene (C19.43)

R.T.: 10.667 min
Delta R.T.: 0.000 min
Response: 14774122
Conc: 99.84 ug/ml



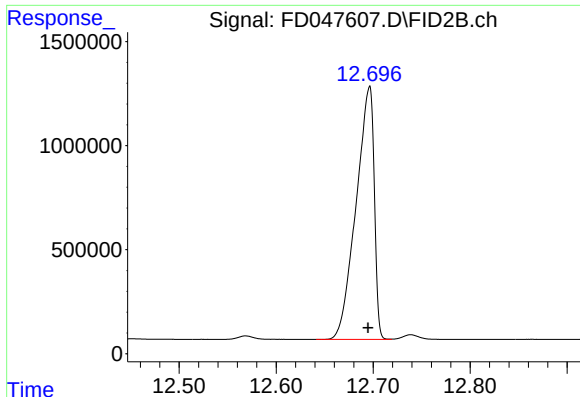
#11 ortho-Terphenyl (SURR)

R.T.: 11.362 min
Delta R.T.: 0.000 min
Response: 17830607
Conc: 99.47 ug/ml



#12 Fluoranthene (C21.85)

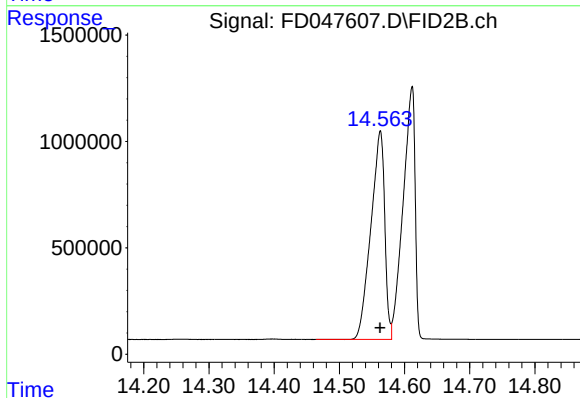
R.T.: 12.400 min
Delta R.T.: 0.000 min
Response: 16175554
Conc: 99.68 ug/ml



#13 Pyrene (C20.8)

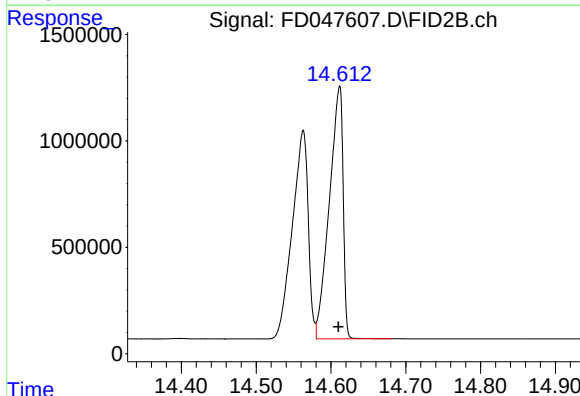
R.T.: 12.695 min
Delta R.T.: 0.000 min
Response: 15765644
Conc: 99.69 ug/ml

Instrument :
FID_D
ClientSampleId :



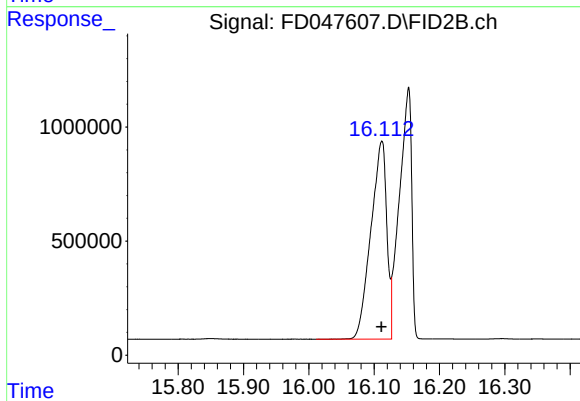
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.562 min
Delta R.T.: 0.000 min
Response: 14475131
Conc: 99.72 ug/ml



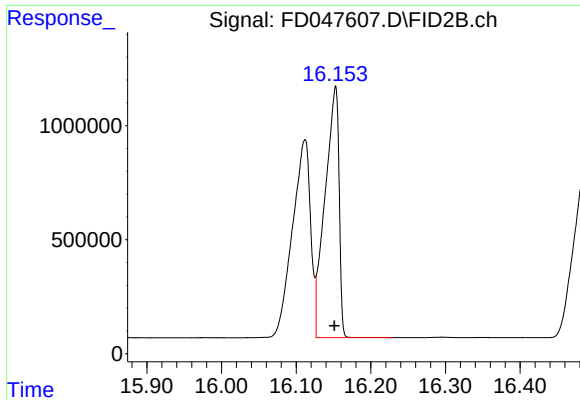
#15 Chrysene (C27.41)

R.T.: 14.610 min
Delta R.T.: 0.000 min
Response: 15170887
Conc: 99.31 ug/ml



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

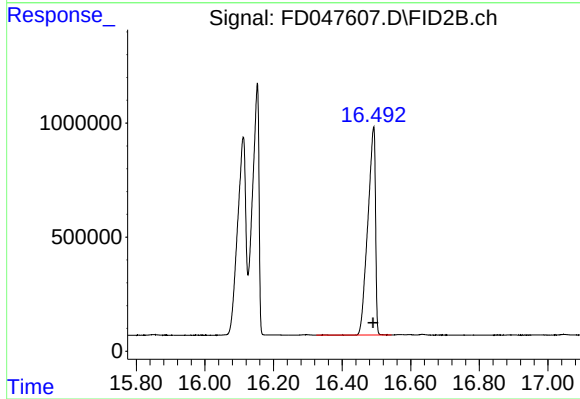
R.T.: 16.111 min
Delta R.T.: 0.000 min
Response: 14712904
Conc: 99.77 ug/ml



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

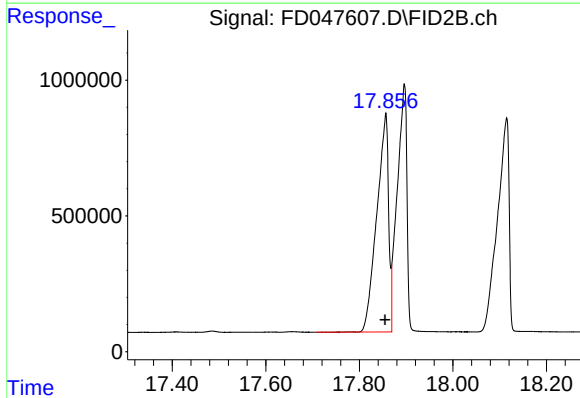
R.T.: 16.151 min
Delta R.T.: 0.000 min
Response: 14334498
Conc: 99.13 ug/ml

Instrument :
FID_D
ClientSampleId :



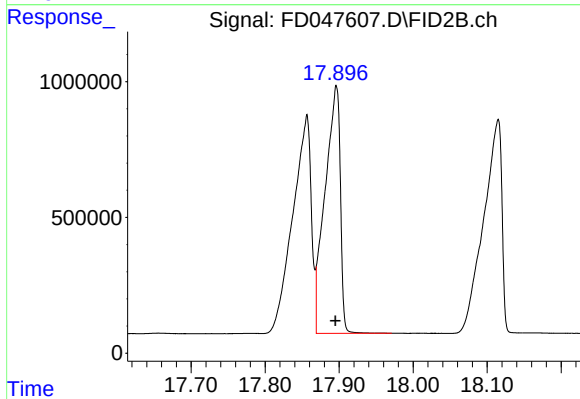
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.490 min
Delta R.T.: 0.000 min
Response: 14080058
Conc: 99.39 ug/ml



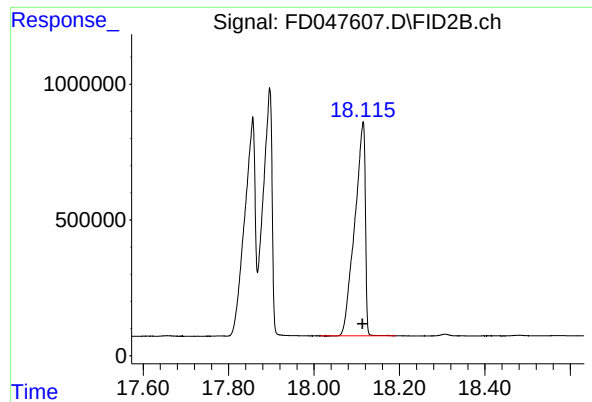
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.855 min
Delta R.T.: 0.000 min
Response: 14039564
Conc: 100.96 ug/ml



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

R.T.: 17.895 min
Delta R.T.: 0.000 min
Response: 13040543
Conc: 97.61 ug/ml



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

R.T.: 18.113 min
Delta R.T.: 0.000 min
Response: 13519765
Conc: 99.25 ug/ml

Instrument :

FID_D

ClientSampleId :