

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF112625AR\
 Data File : FF016820.D
 Signal(s) : FID2B.ch
 Acq On : 26 Nov 2025 21:42
 Operator : YP\AJ
 Sample : 50 PPM AROMATIC HC STD2
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 50 PPM AROMATIC HC STD2

Integration File: autoint1.e
 Quant Time: Dec 01 08:11:32 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 112625.M
 Quant Title : GC Extractables
 QLast Update : Mon Dec 01 08:08:04 2025
 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...	8.005	6068576	51.058 ug/ml
Spiked Amount 50.000		Recovery =	102.12%
6) S 2-Fluorobiphenyl (SURR)	8.880	4008078	53.684 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	107.37%
11) S ortho-Terphenyl (SURR)	11.948	7301350	49.086 ug/ml
Spiked Amount 50.000		Recovery =	98.17%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.598	6762864	48.885 ug/ml
2) T Naphthalene (C11.7)	6.276	7027007	50.254 ug/ml
3) T 2-Methylnaphthalene (...)	7.376	7084072	49.779 ug/ml
5) T Acenaphthylene (C15.06)	8.681	7027785	50.298 ug/ml
7) T Acenaphthene (C15.5)	8.981	7205122	49.407 ug/ml
8) T Flouorene (C16.55)	9.771	6995264	51.488 ug/ml
9) T Phenanthrene (C19.36)	11.178	6846078	51.204 ug/ml
10) T Anthracene (C19.43)	11.253	6272522	48.682 ug/ml
12) T Fluoranthene (C21.85)	13.003	6759877	50.468 ug/ml
13) T Pyrene (C20.8)	13.301	6617187	49.144 ug/ml
14) T Benzo[a]anthracene (C...	15.186	5941901	52.694 ug/ml
15) T Chrysene (C27.41)	15.231	6548256	47.480 ug/ml
16) T benzo[b]fluoranthene ...	16.752	6186922	50.753 ug/ml
17) T Bnezo[k]fluoranthene ...	16.786	6045377	46.726 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.134	6133230	49.662 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.512	5697980	54.861 ug/ml
20) T Dibenz[a,h]anthracene...	18.550	6956295	43.778 ug/ml
21) T Benzo[g,h,i]perylene ...	18.771	6448782	49.466 ug/ml

(f)=RT Delta > 1/2 Window

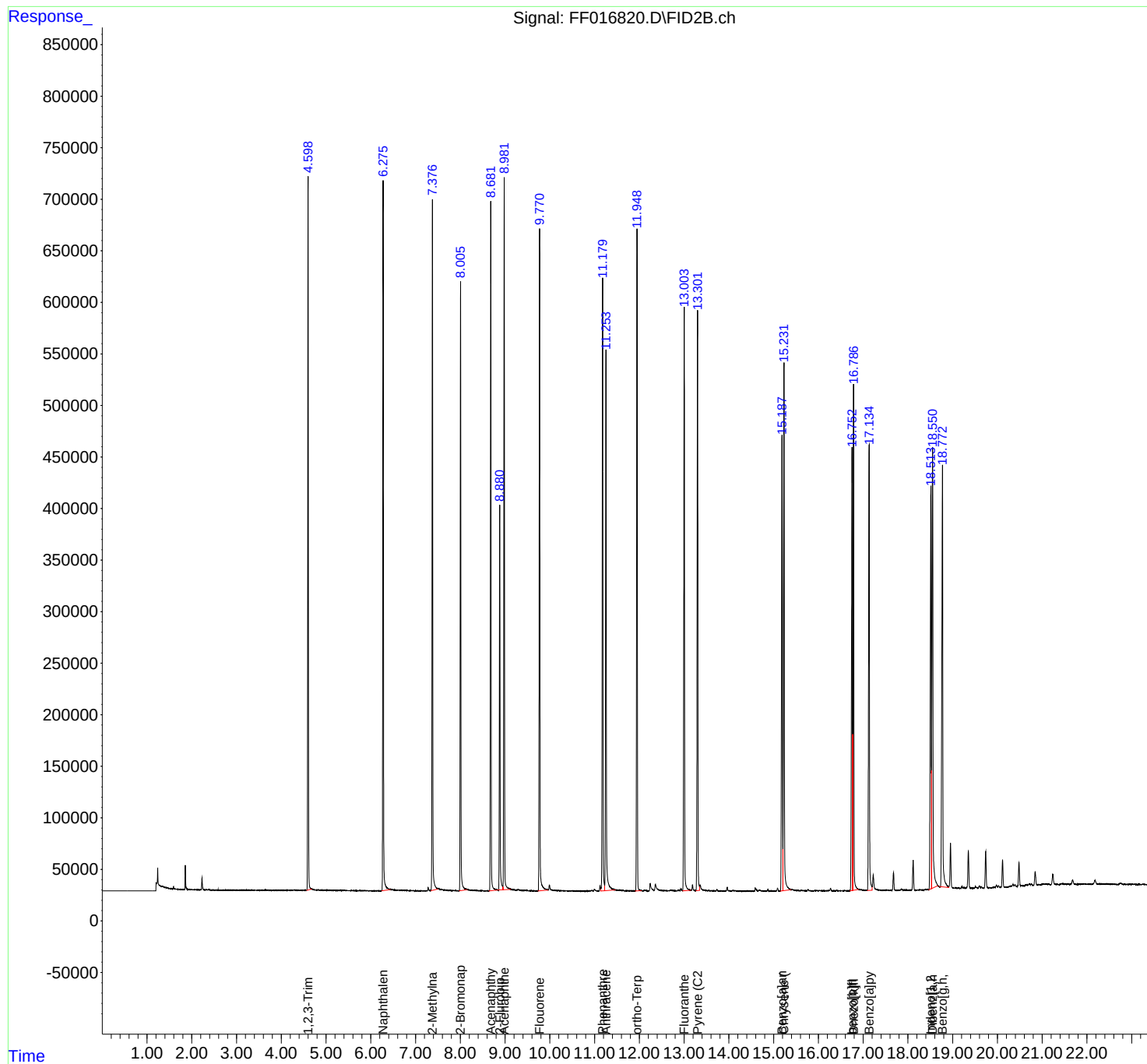
(m)=manual int.

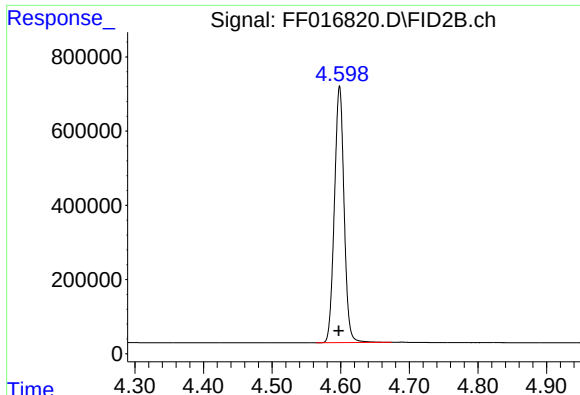
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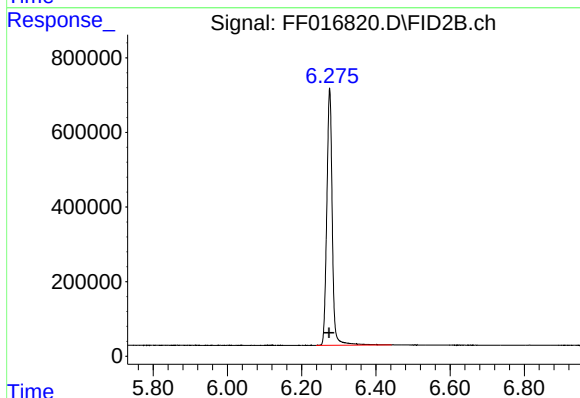




#1 1,2,3-Trimethylbenzene (C10.1)

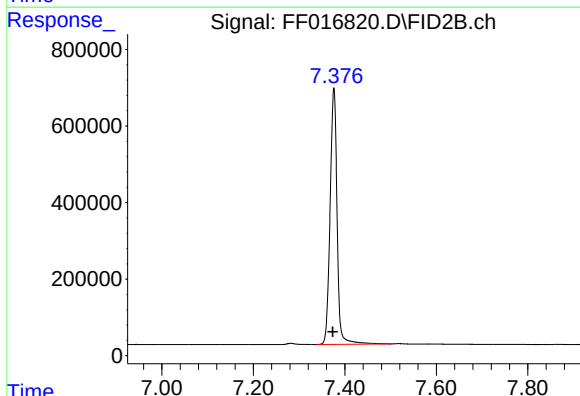
R.T.: 4.598 min
Delta R.T.: 0.001 min
Response: 6762864
Conc: 48.89 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM AROMATIC HC STD2



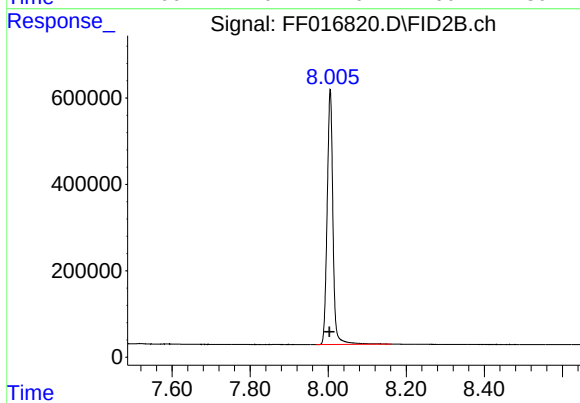
#2 Naphthalene (C11.7)

R.T.: 6.276 min
Delta R.T.: 0.002 min
Response: 7027007
Conc: 50.25 ug/ml



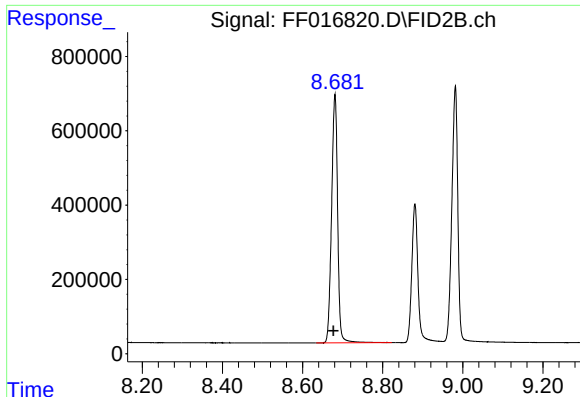
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.376 min
Delta R.T.: 0.003 min
Response: 7084072
Conc: 49.78 ug/ml



#4 2-Bromonaphthalene (SURR)

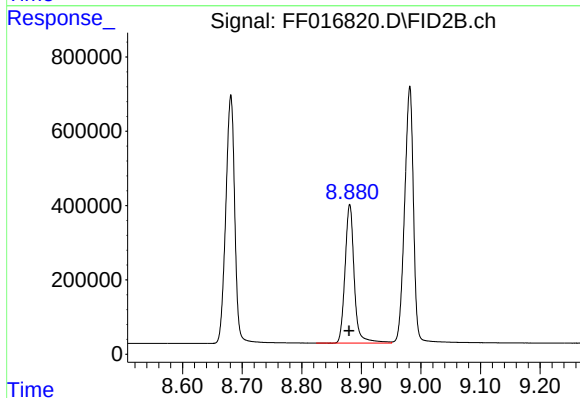
R.T.: 8.005 min
Delta R.T.: 0.002 min
Response: 6068576
Conc: 51.06 ug/ml



#5 Acenaphthylene (C15.06)

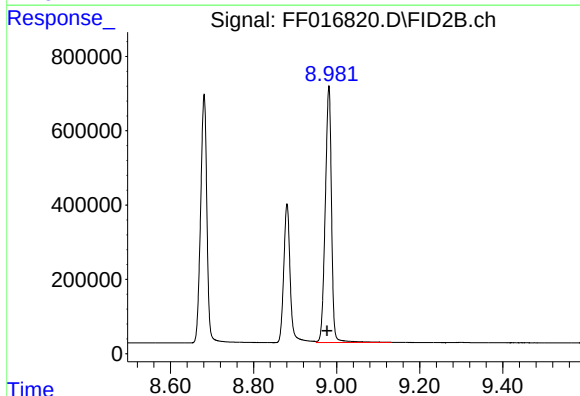
R.T.: 8.681 min
Delta R.T.: 0.003 min
Response: 7027785
Conc: 50.30 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM AROMATIC HC STD2



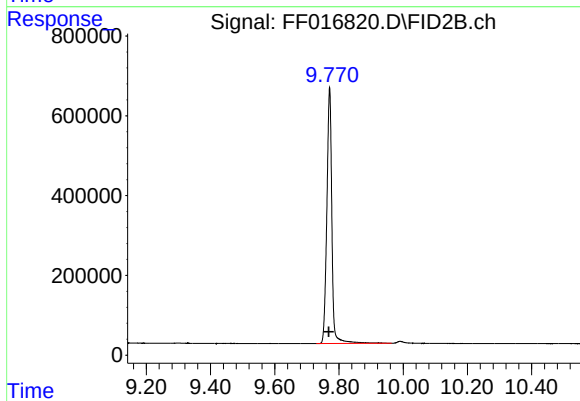
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.880 min
Delta R.T.: 0.001 min
Response: 4008078
Conc: 53.68 ug/ml



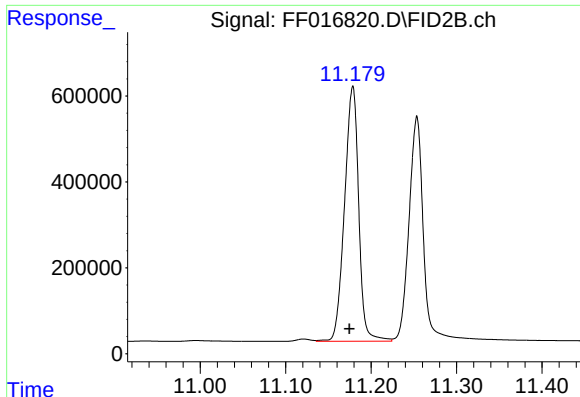
#7 Acenaphthene (C15.5)

R.T.: 8.981 min
Delta R.T.: 0.004 min
Response: 7205122
Conc: 49.41 ug/ml



#8 Fluorene (C16.55)

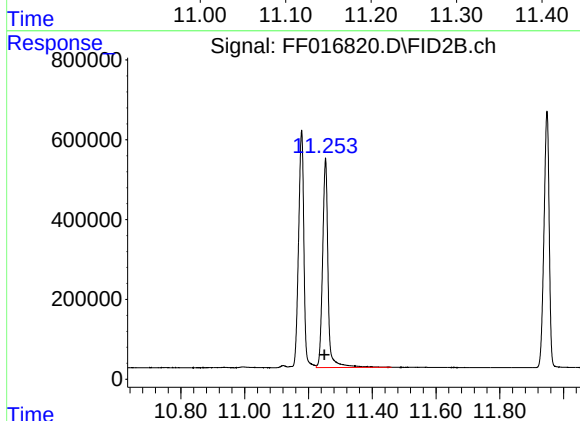
R.T.: 9.771 min
Delta R.T.: 0.003 min
Response: 6995264
Conc: 51.49 ug/ml



#9 Phenanthrene (C19.36)

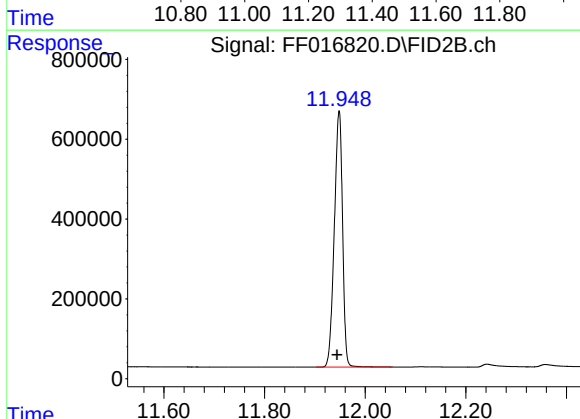
R.T.: 11.178 min
Delta R.T.: 0.004 min
Response: 6846078
Conc: 51.20 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM AROMATIC HC STD2



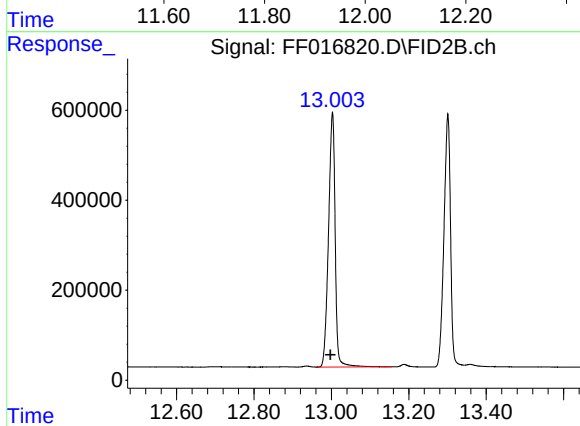
#10 Anthracene (C19.43)

R.T.: 11.253 min
Delta R.T.: 0.004 min
Response: 6272522
Conc: 48.68 ug/ml



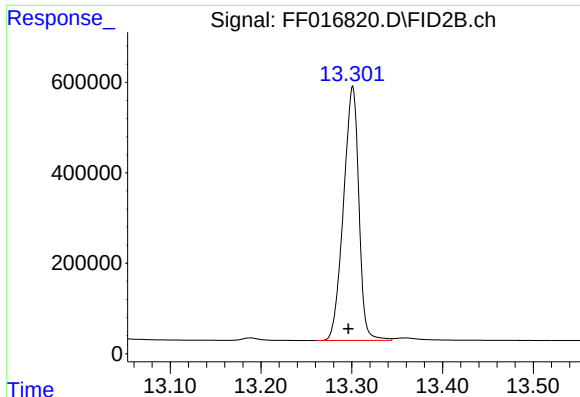
#11 ortho-Terphenyl (SURR)

R.T.: 11.948 min
Delta R.T.: 0.004 min
Response: 7301350
Conc: 49.09 ug/ml



#12 Fluoranthene (C21.85)

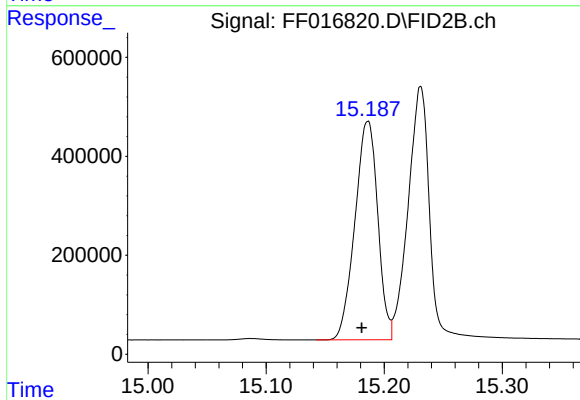
R.T.: 13.003 min
Delta R.T.: 0.005 min
Response: 6759877
Conc: 50.47 ug/ml



#13 Pyrene (C20.8)

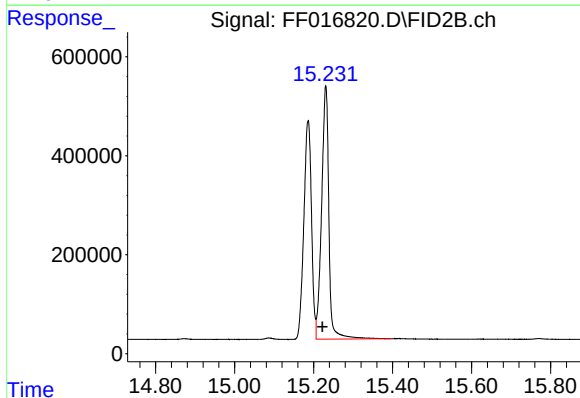
R.T.: 13.301 min
Delta R.T.: 0.004 min
Response: 6617187
Conc: 49.14 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM AROMATIC HC STD2



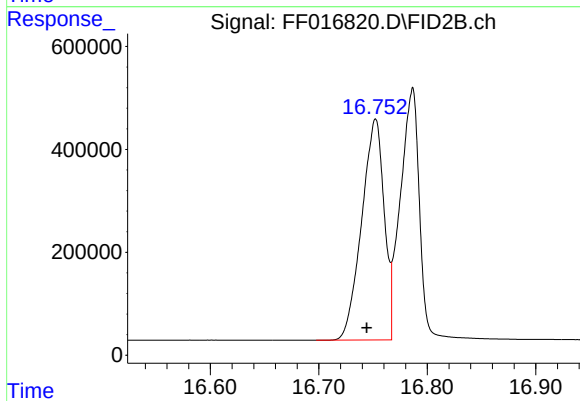
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.186 min
Delta R.T.: 0.005 min
Response: 5941901
Conc: 52.69 ug/ml



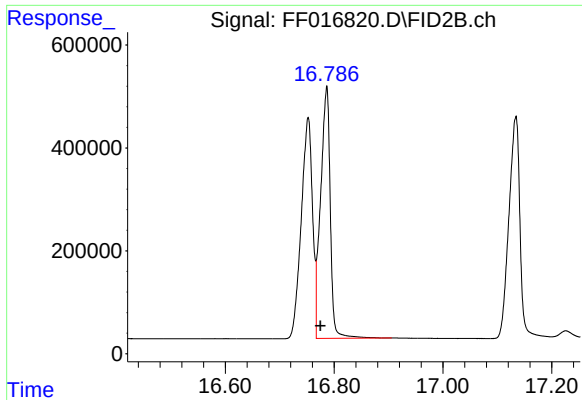
#15 Chrysene (C27.41)

R.T.: 15.231 min
Delta R.T.: 0.008 min
Response: 6548256
Conc: 47.48 ug/ml



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

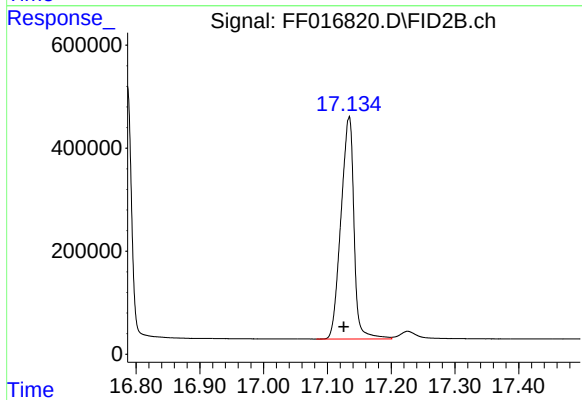
R.T.: 16.752 min
Delta R.T.: 0.008 min
Response: 6186922
Conc: 50.75 ug/ml



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

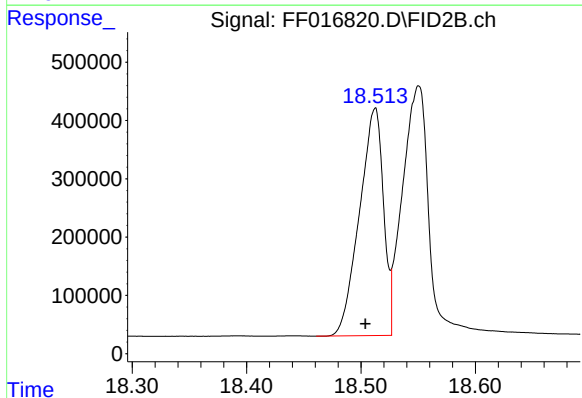
R.T.: 16.786 min
Delta R.T.: 0.011 min
Response: 6045377
Conc: 46.73 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM AROMATIC HC STD2



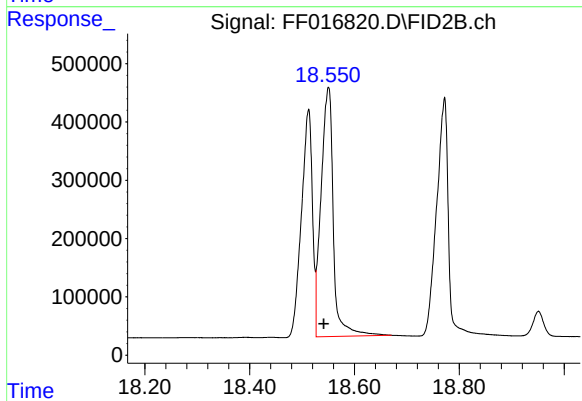
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.134 min
Delta R.T.: 0.008 min
Response: 6133230
Conc: 49.66 ug/ml



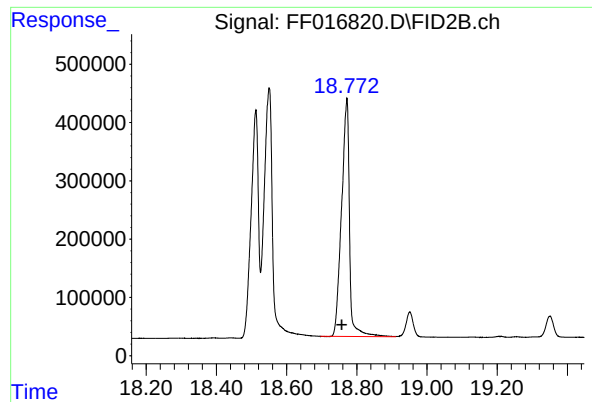
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.512 min
Delta R.T.: 0.008 min
Response: 5697980
Conc: 54.86 ug/ml



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

R.T.: 18.550 min
Delta R.T.: 0.009 min
Response: 6956295
Conc: 43.78 ug/ml



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

R.T.: 18.771 min
Delta R.T.: 0.014 min
Response: 6448782
Conc: 49.47 ug/ml

Instrument :
FID_F
ClientSampleId :
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