

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102925AR\
 Data File : FF016619.D
 Signal(s) : FID2B.ch
 Acq On : 29 Oct 2025 20:34
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Oct 30 03:39:15 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 29 18:27:43 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...	8.015	2133643	18.828 ug/ml
Spiked Amount 50.000		Recovery =	37.66%
6) S 2-Fluorobiphenyl (SURR)	8.891	1374895	19.277 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.55%
11) S ortho-Terphenyl (SURR)	11.957	2727610	18.574 ug/ml
Spiked Amount 50.000		Recovery =	37.15%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.608	2463525	18.715 ug/ml
2) T Naphthalene (C11.7)	6.285	2484411	18.780 ug/ml
3) T 2-Methylnaphthalene (...)	7.385	2554920	19.219 ug/ml
5) T Acenaphthylene (C15.06)	8.690	2539857	18.799 ug/ml
7) T Acenaphthene (C15.5)	8.989	2626580	19.108 ug/ml
8) T Flouorene (C16.55)	9.780	2495347	19.167 ug/ml
9) T Phenanthrene (C19.36)	11.187	2481702	18.768 ug/ml
10) T Anthracene (C19.43)	11.262	2486845	18.352 ug/ml
12) T Fluoranthene (C21.85)	13.010	2561920	18.668 ug/ml
13) T Pyrene (C20.8)	13.309	2572809	18.773 ug/ml
14) T Benzo[a]anthracene (C...	15.194	2160310	18.968 ug/ml
15) T Chrysene (C27.41)	15.236	2640843	18.714 ug/ml
16) T benzo[b]fluoranthene ...	16.756	2120686	19.082 ug/ml
17) T Bnezo[k]fluoranthene ...	16.788	2272886	18.608 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.139	2075007	18.907 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.515	1606836	18.673 ug/ml
20) T Dibenz[a,h]anthracene...	18.553	2395048	18.186 ug/ml
21) T Benzo[g,h,i]perylene ...	18.768	1977357	18.659 ug/ml

(f)=RT Delta > 1/2 Window

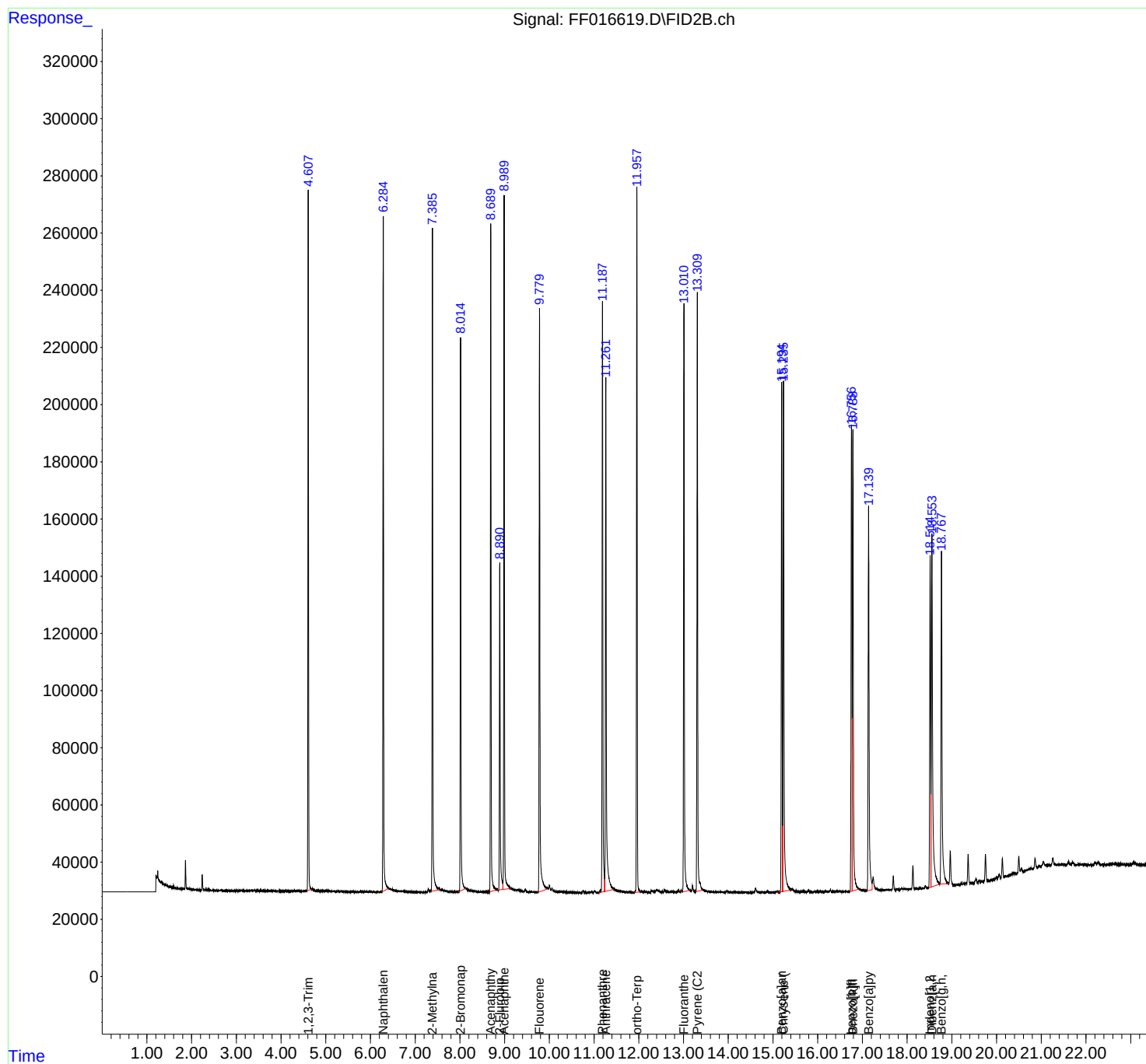
(m)=manual int.

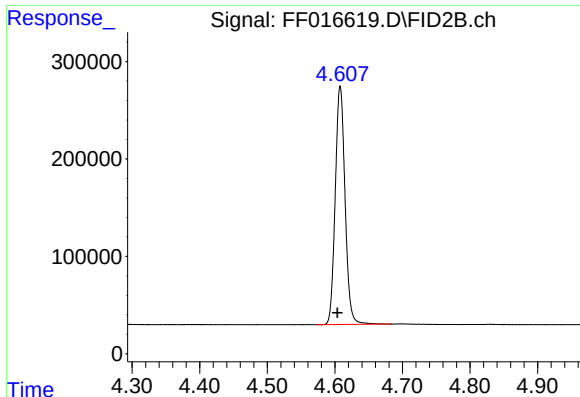
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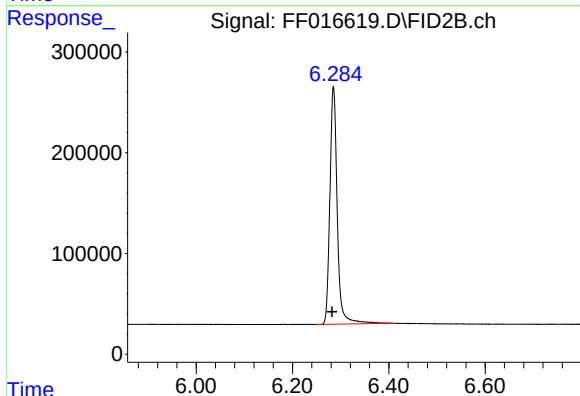




#1 1,2,3-Trimethylbenzene (C10.1)

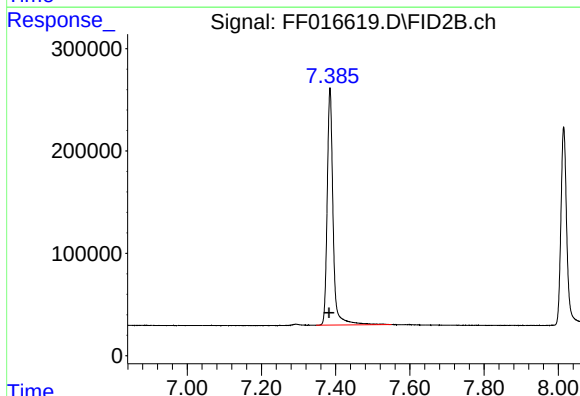
R.T.: 4.608 min
Delta R.T.: 0.004 min
Response: 2463525
Conc: 18.71 ug/ml

Instrument :
FID_F
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20 PPM AROMATIC HC STD



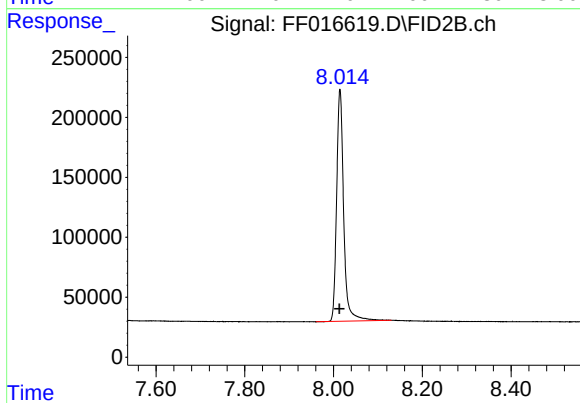
#2 Naphthalene (C11.7)

R.T.: 6.285 min
Delta R.T.: 0.003 min
Response: 2484411
Conc: 18.78 ug/ml



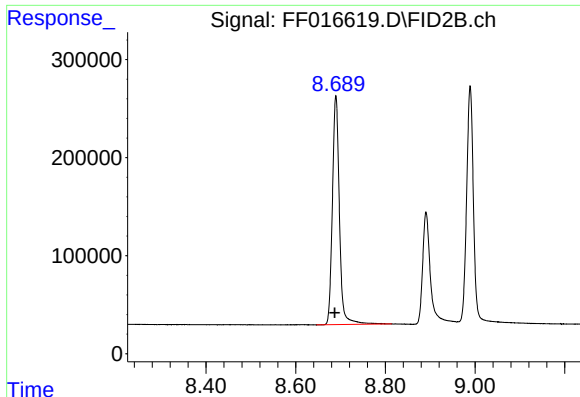
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.385 min
Delta R.T.: 0.002 min
Response: 2554920
Conc: 19.22 ug/ml



#4 2-Bromonaphthalene (SURR)

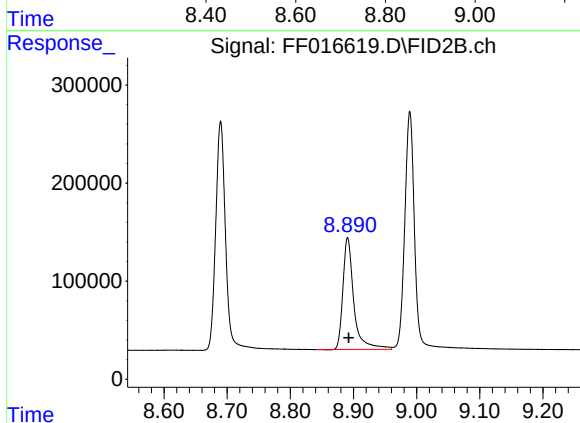
R.T.: 8.015 min
Delta R.T.: 0.002 min
Response: 2133643
Conc: 18.83 ug/ml



#5 Acenaphthylene (C15.06)

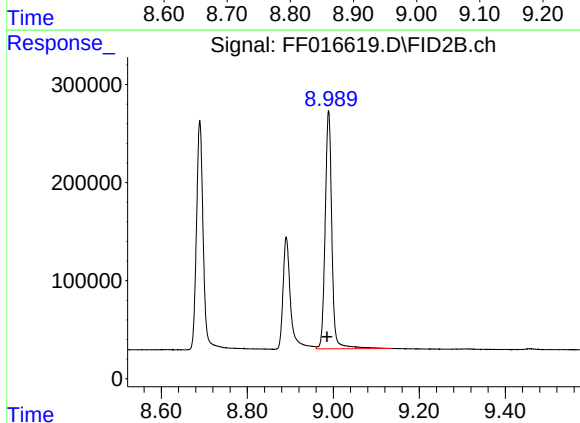
R.T.: 8.690 min
Delta R.T.: 0.002 min
Response: 2539857
Conc: 18.80 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



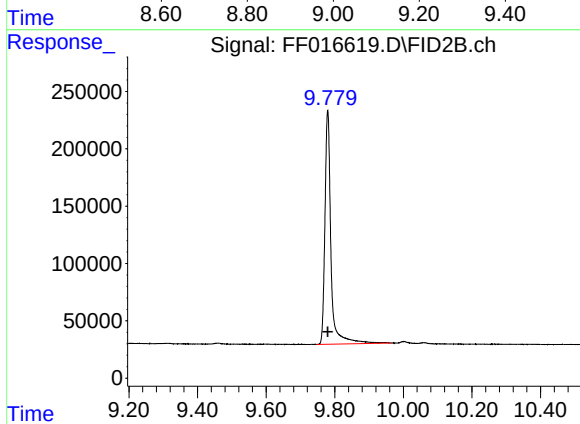
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.891 min
Delta R.T.: -0.001 min
Response: 1374895
Conc: 19.28 ug/ml



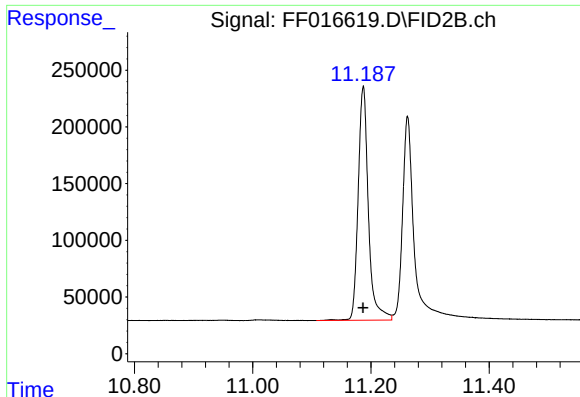
#7 Acenaphthene (C15.5)

R.T.: 8.989 min
Delta R.T.: 0.003 min
Response: 2626580
Conc: 19.11 ug/ml



#8 Flouorene (C16.55)

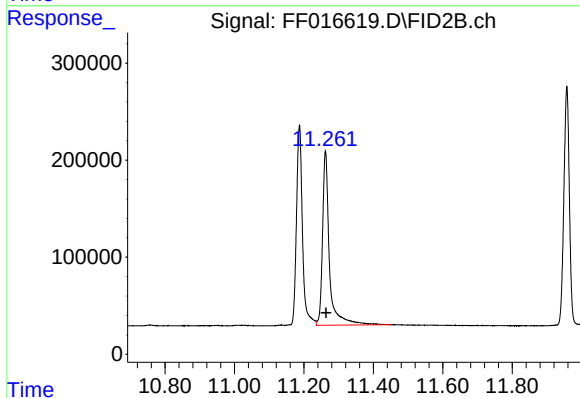
R.T.: 9.780 min
Delta R.T.: 0.000 min
Response: 2495347
Conc: 19.17 ug/ml



#9 Phenanthrene (C19.36)

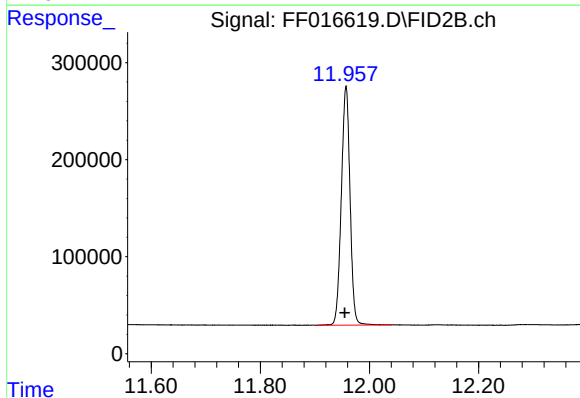
R.T.: 11.187 min
Delta R.T.: 0.000 min
Response: 2481702
Conc: 18.77 ug/ml

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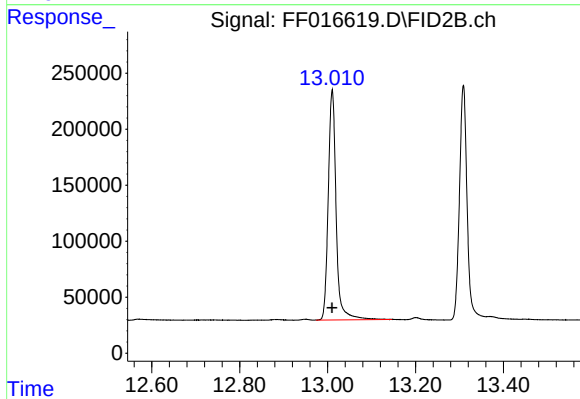
#10 Anthracene (C19.43)

R.T.: 11.262 min
Delta R.T.: -0.001 min
Response: 2486845
Conc: 18.35 ug/ml



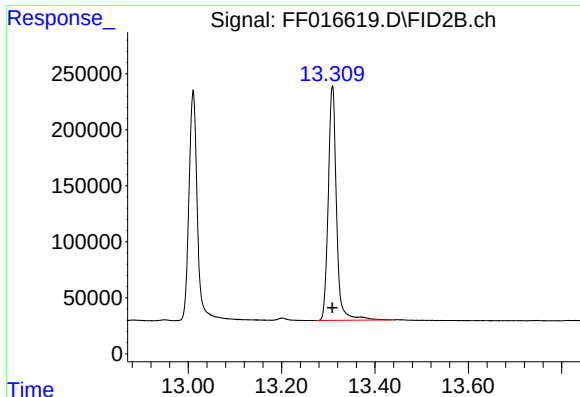
#11 ortho-Terphenyl (SURR)

R.T.: 11.957 min
Delta R.T.: 0.002 min
Response: 2727610
Conc: 18.57 ug/ml



#12 Fluoranthene (C21.85)

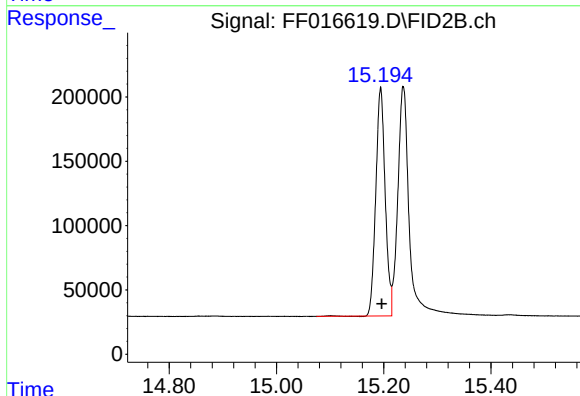
R.T.: 13.010 min
Delta R.T.: 0.000 min
Response: 2561920
Conc: 18.67 ug/ml



#13 Pyrene (C20.8)

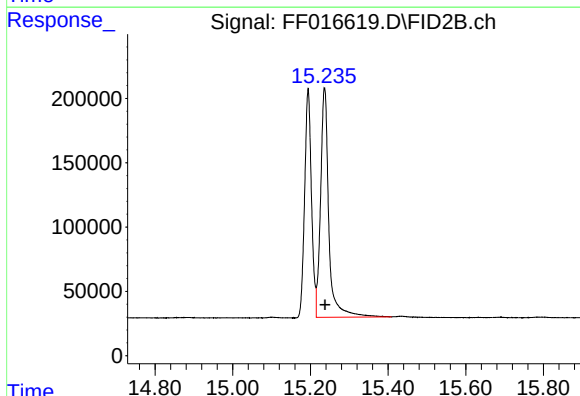
R.T.: 13.309 min
Delta R.T.: 0.000 min
Response: 2572809
Conc: 18.77 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



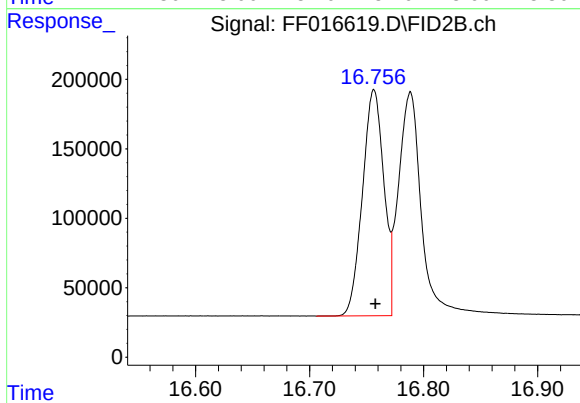
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.194 min
Delta R.T.: -0.002 min
Response: 2160310
Conc: 18.97 ug/ml



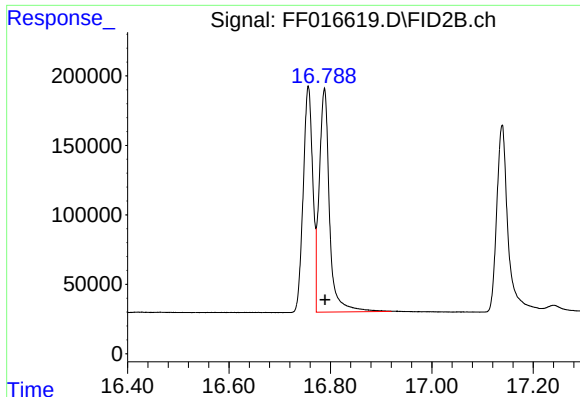
#15 Chrysene (C27.41)

R.T.: 15.236 min
Delta R.T.: -0.001 min
Response: 2640843
Conc: 18.71 ug/ml



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

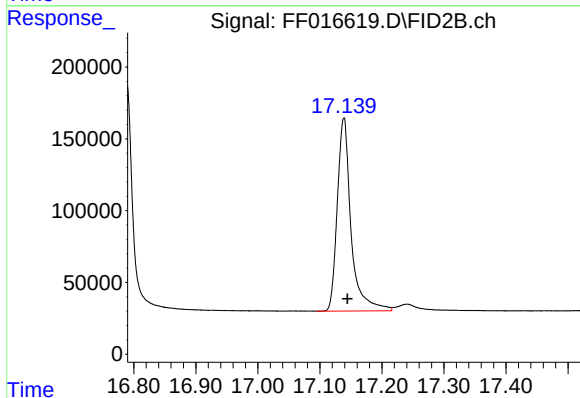
R.T.: 16.756 min
Delta R.T.: -0.001 min
Response: 2120686
Conc: 19.08 ug/ml



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

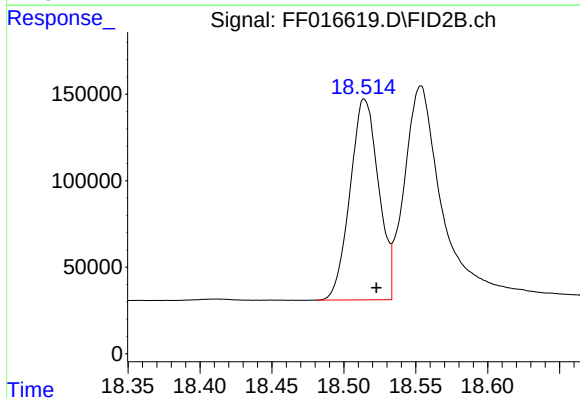
R.T.: 16.788 min
Delta R.T.: -0.001 min
Response: 2272886
Conc: 18.61 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



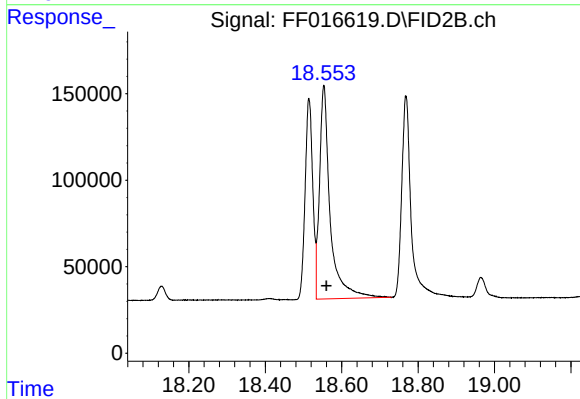
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.139 min
Delta R.T.: -0.006 min
Response: 2075007
Conc: 18.91 ug/ml



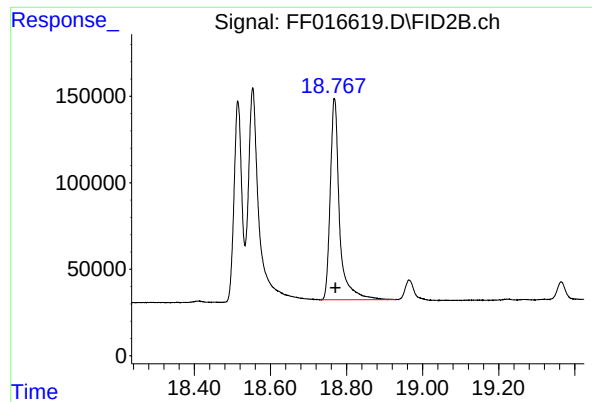
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.515 min
Delta R.T.: -0.008 min
Response: 1606836
Conc: 18.67 ug/ml



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

R.T.: 18.553 min
Delta R.T.: -0.007 min
Response: 2395048
Conc: 18.19 ug/ml



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

R.T.: 18.768 min
Delta R.T.: -0.003 min
Response: 1977357
Conc: 18.66 ug/ml

Instrument :

FID_F

ClientSampleId :

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