

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101023AR\
 Data File : FD046718.D
 Signal(s) : FID2B.ch
 Acq On : 10 Oct 2023 15:40
 Operator : YP/AJ
 Sample : 50 PPM AROMATIC HC STD2
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 50 PPM AROMATIC HC STD2

Integration File: autoint1.e
 Quant Time: Oct 11 02:45:17 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 101023.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 11 02:45:11 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...	7.490	9070654	49.930 ug/ml
Spiked Amount 50.000		Recovery =	99.86%
6) S 2-Fluorobiphenyl (SURR)	8.344	6020449	49.986 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	99.97%
11) S ortho-Terphenyl (SURR)	11.385	10486129	49.826 ug/ml
Spiked Amount 50.000		Recovery =	99.65%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.302	9396809	49.869 ug/ml
2) T Naphthalene (C11.7)	5.829	9800399	49.700 ug/ml
3) T 2-Methylnaphthalene (...)	6.879	9892197	49.648 ug/ml
5) T Acenaphthylene (C15.06)	8.148	9043578	49.923 ug/ml
7) T Acenaphthene (C15.5)	8.445	9677559	49.828 ug/ml
8) T Flouorene (C16.55)	9.223	9430824	50.002 ug/ml
9) T Phenanthrene (C19.36)	10.613	9114971	49.931 ug/ml
10) T Anthracene (C19.43)	10.686	5797444	49.001 ug/ml
12) T Fluoranthene (C21.85)	12.417	8918993	49.932 ug/ml
13) T Pyrene (C20.8)	12.712	8636111	49.903 ug/ml
14) T Benzo[a]anthracene (C...	14.576	7258949	49.851 ug/ml
15) T Chrysene (C27.41)	14.621	7937043	49.722 ug/ml
16) T benzo[b]fluoranthene ...	16.119	7390973	49.854 ug/ml
17) T Bnezo[k]fluoranthene ...	16.154	7246670	49.445 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.495	7021752	50.217 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.855	6783263	49.725 ug/ml
20) T Dibenz[a,h]anthracene...	17.895	6710554	49.830 ug/ml
21) T Benzo[g,h,i]perylene ...	18.109	6879771	49.856 ug/ml

(f)=RT Delta > 1/2 Window

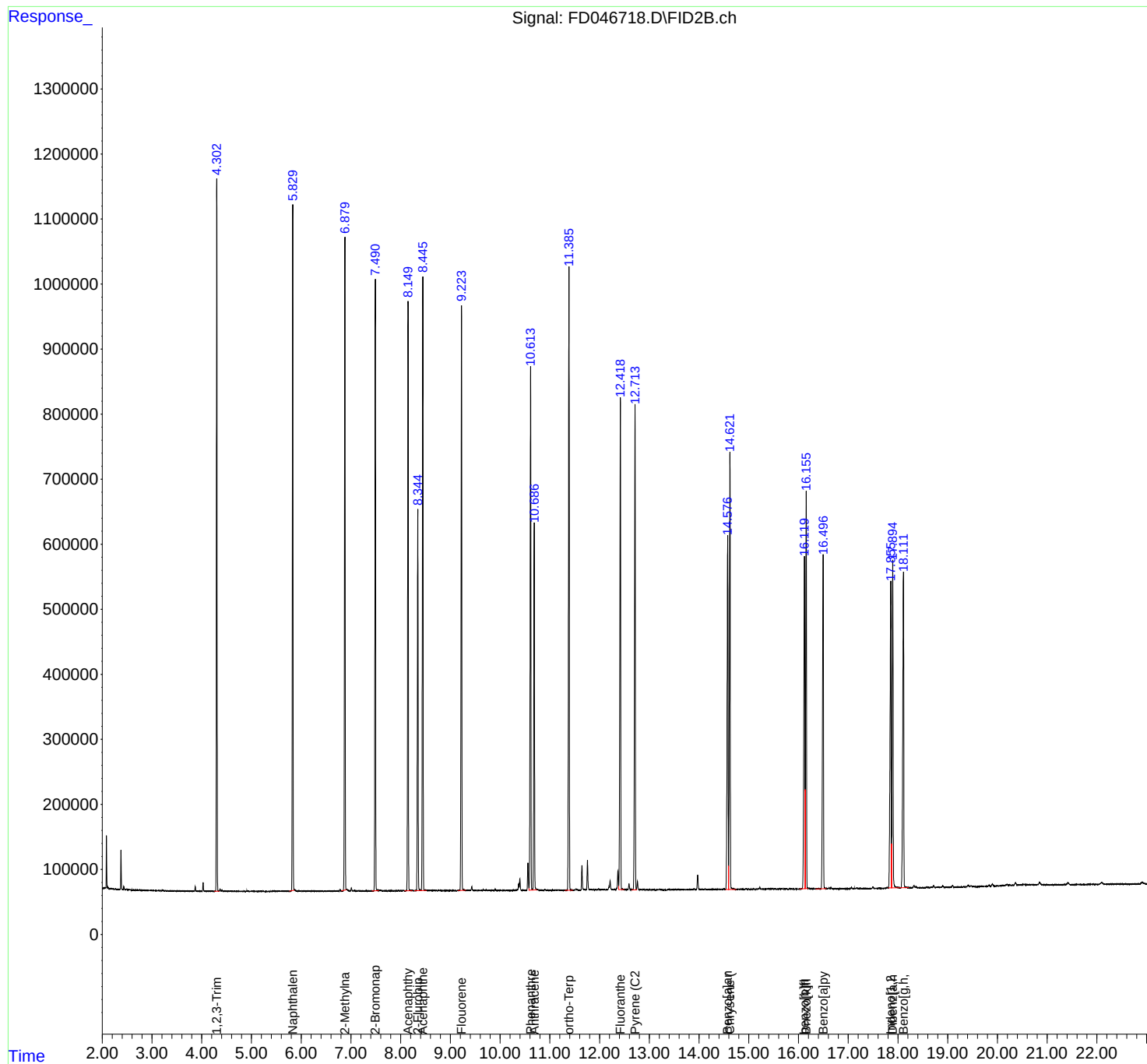
(m)=manual int.

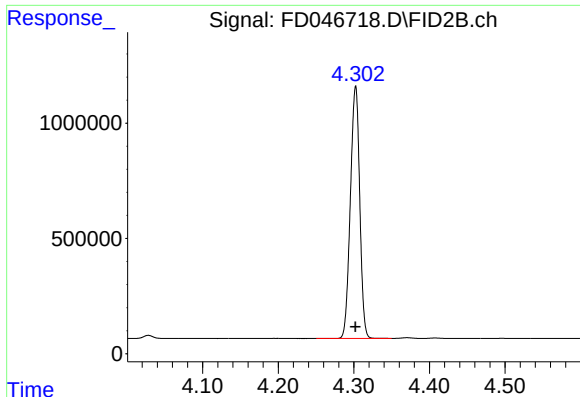
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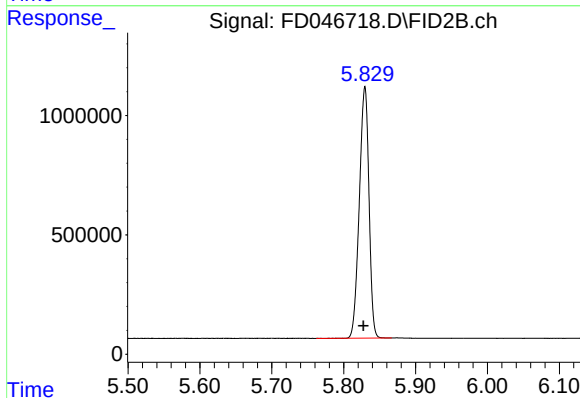




#1 1,2,3-Trimethylbenzene (C10.1)

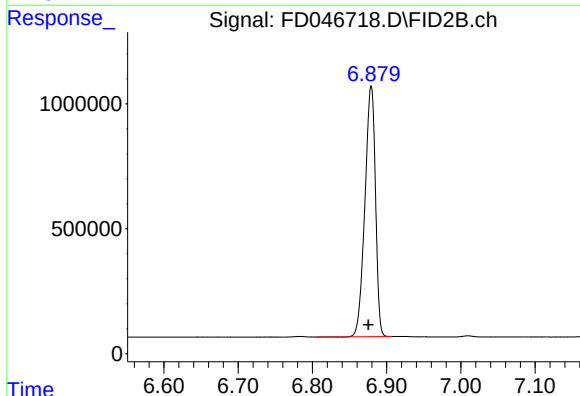
R.T.: 4.302 min
Delta R.T.: 0.000 min
Response: 9396809
Conc: 49.87 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2



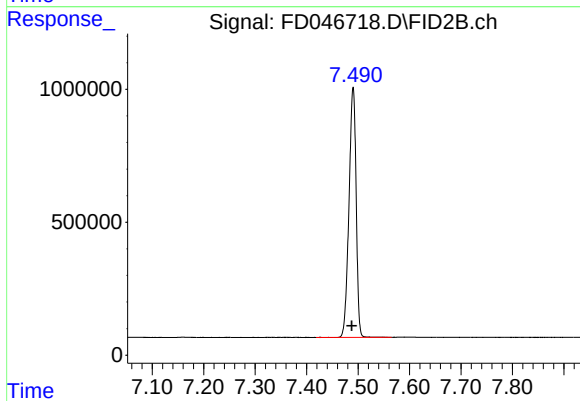
#2 Naphthalene (C11.7)

R.T.: 5.829 min
Delta R.T.: 0.002 min
Response: 9800399
Conc: 49.70 ug/ml



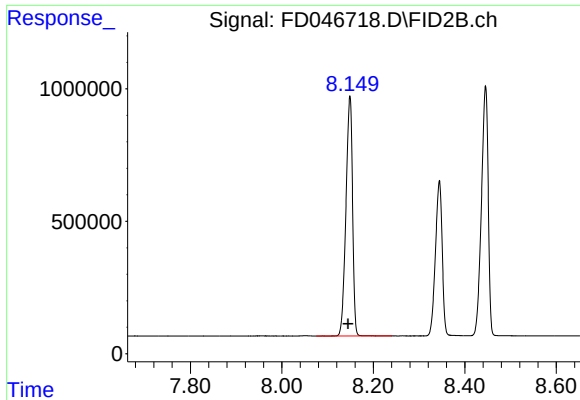
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.879 min
Delta R.T.: 0.003 min
Response: 9892197
Conc: 49.65 ug/ml



#4 2-Bromonaphthalene (SURR)

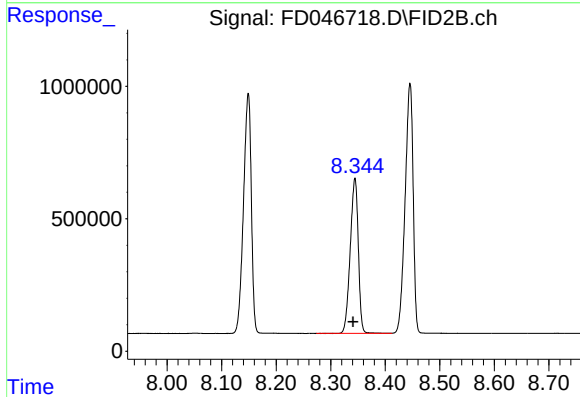
R.T.: 7.490 min
Delta R.T.: 0.003 min
Response: 9070654
Conc: 49.93 ug/ml



#5 Acenaphthylene (C15.06)

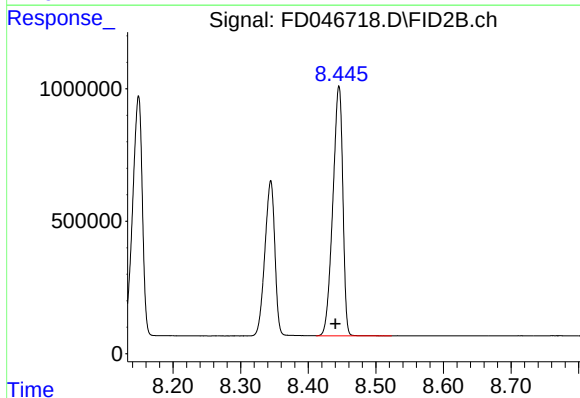
R.T.: 8.148 min
Delta R.T.: 0.004 min
Response: 9043578
Conc: 49.92 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2



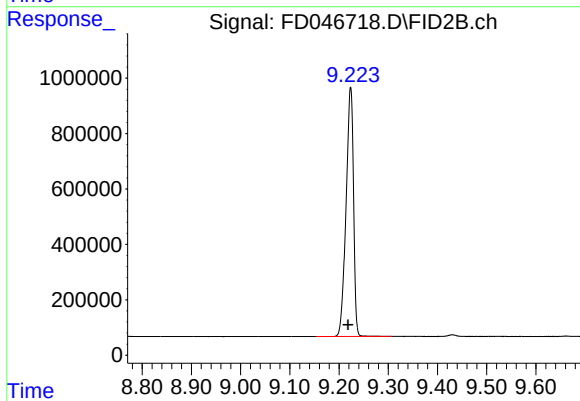
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.344 min
Delta R.T.: 0.004 min
Response: 6020449
Conc: 49.99 ug/ml



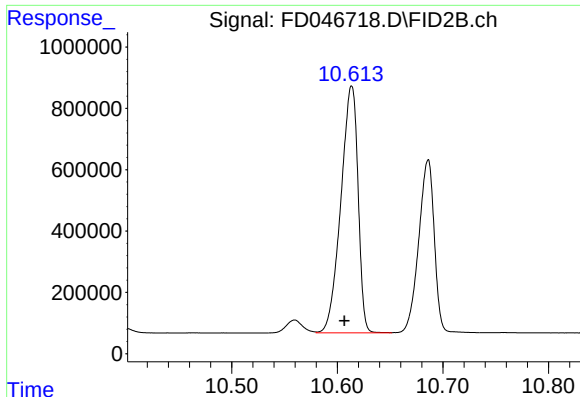
#7 Acenaphthene (C15.5)

R.T.: 8.445 min
Delta R.T.: 0.005 min
Response: 9677559
Conc: 49.83 ug/ml



#8 Fluorene (C16.55)

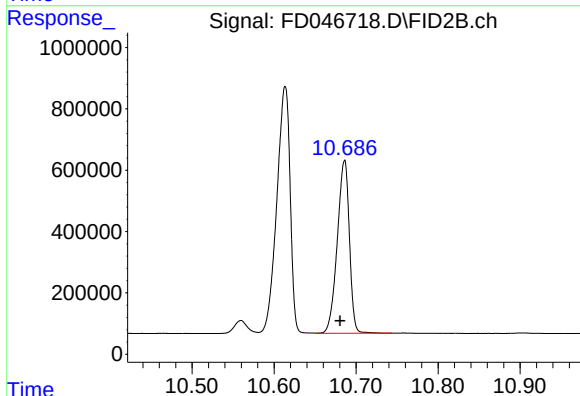
R.T.: 9.223 min
Delta R.T.: 0.005 min
Response: 9430824
Conc: 50.00 ug/ml



#9 Phenanthrene (C19.36)

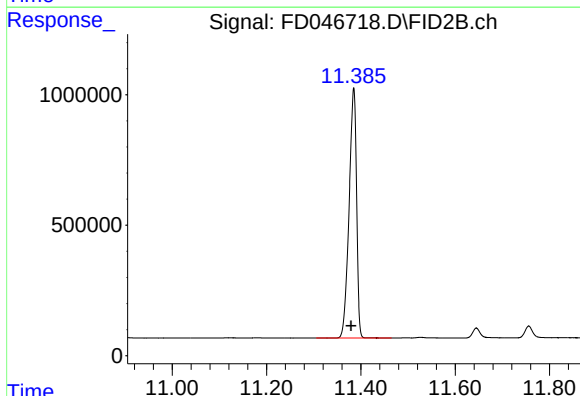
R.T.: 10.613 min
Delta R.T.: 0.007 min
Response: 9114971
Conc: 49.93 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2



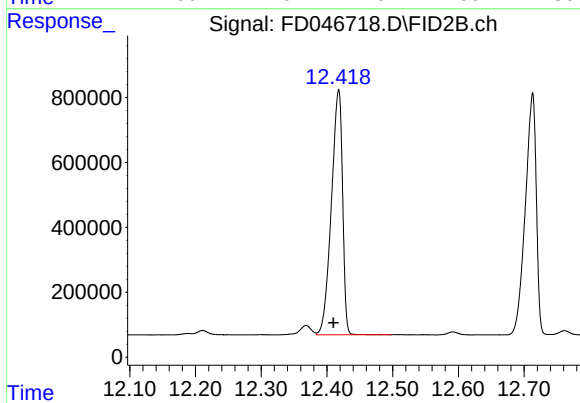
#10 Anthracene (C19.43)

R.T.: 10.686 min
Delta R.T.: 0.005 min
Response: 5797444
Conc: 49.00 ug/ml



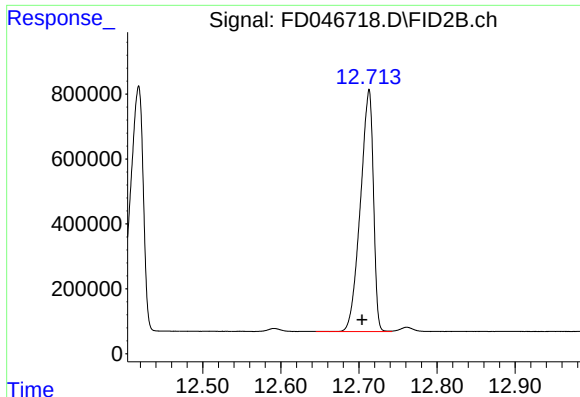
#11 ortho-Terphenyl (SURR)

R.T.: 11.385 min
Delta R.T.: 0.005 min
Response: 10486129
Conc: 49.83 ug/ml



#12 Fluoranthene (C21.85)

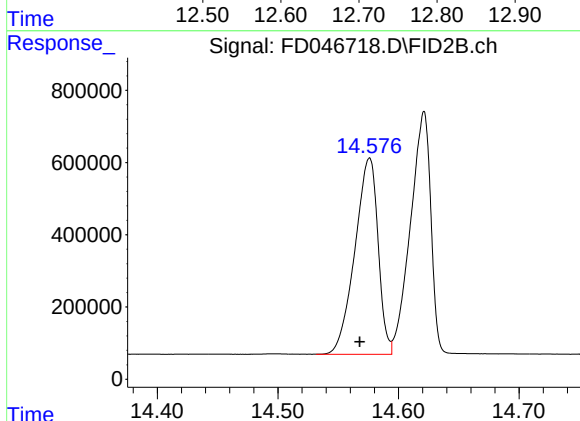
R.T.: 12.417 min
Delta R.T.: 0.007 min
Response: 8918993
Conc: 49.93 ug/ml



#13 Pyrene (C20.8)

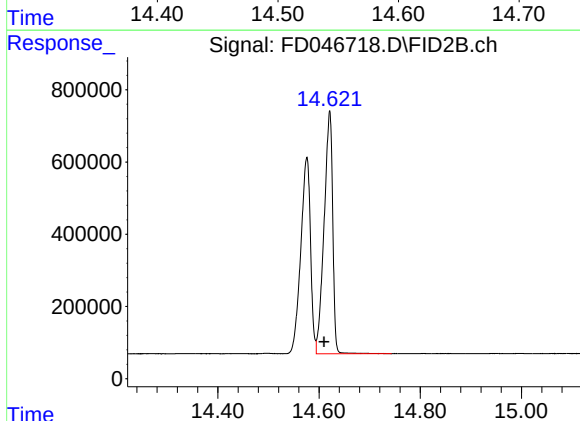
R.T.: 12.712 min
Delta R.T.: 0.008 min
Response: 8636111
Conc: 49.90 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2



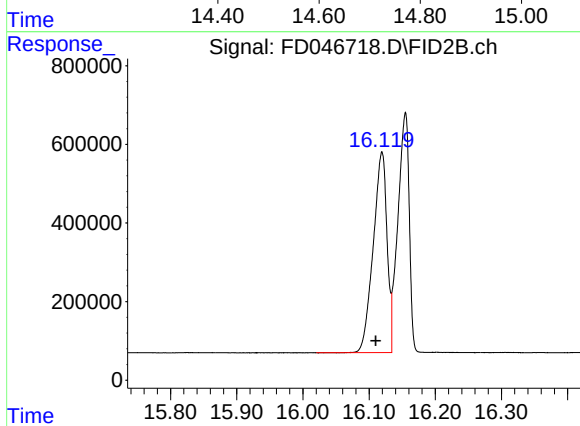
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.576 min
Delta R.T.: 0.008 min
Response: 7258949
Conc: 49.85 ug/ml



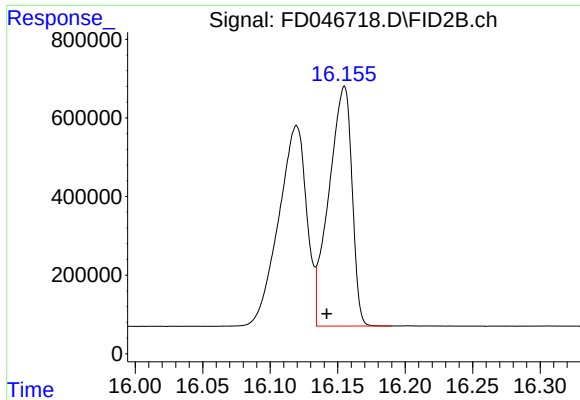
#15 Chrysene (C27.41)

R.T.: 14.621 min
Delta R.T.: 0.010 min
Response: 7937043
Conc: 49.72 ug/ml



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

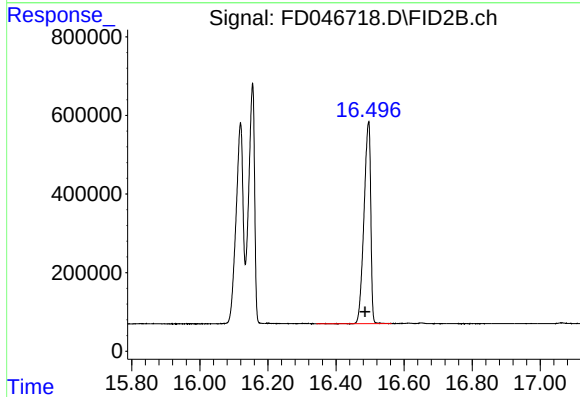
R.T.: 16.119 min
Delta R.T.: 0.009 min
Response: 7390973
Conc: 49.85 ug/ml



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

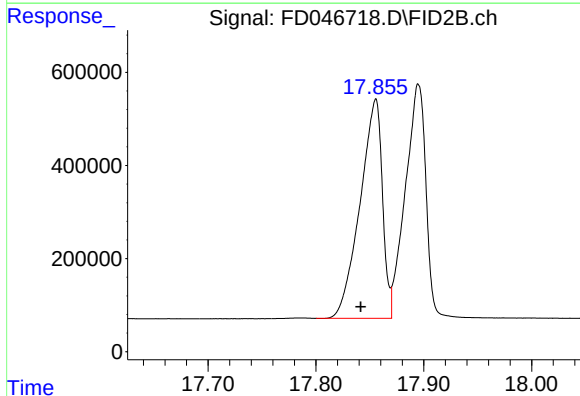
R.T.: 16.154 min
Delta R.T.: 0.012 min
Response: 7246670
Conc: 49.44 ug/ml

Instrument :
FID_D
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50 PPM AROMATIC HC STD2



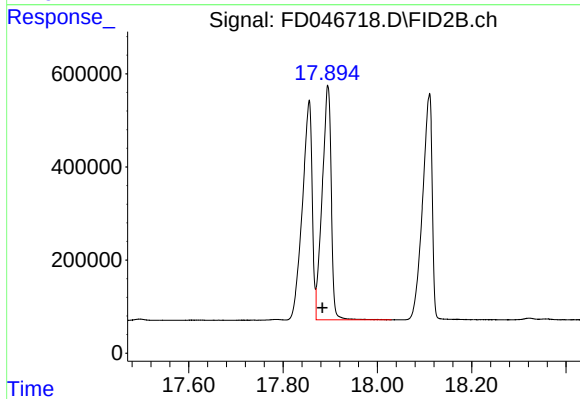
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.495 min
Delta R.T.: 0.010 min
Response: 7021752
Conc: 50.22 ug/ml



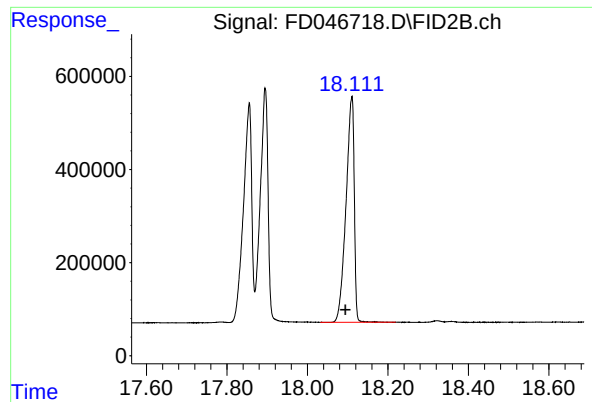
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.855 min
Delta R.T.: 0.013 min
Response: 6783263
Conc: 49.73 ug/ml



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

R.T.: 17.895 min
Delta R.T.: 0.011 min
Response: 6710554
Conc: 49.83 ug/ml



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

R.T.: 18.109 min
Delta R.T.: 0.015 min
Response: 6879771
Conc: 49.86 ug/ml

Instrument :
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