

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052124AR\
 Data File : FD047804.D
 Signal(s) : FID2B.ch
 Acq On : 21 May 2024 18:25
 Operator : YP/AJ
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 5 PPM AROMATIC HC STD5

Integration File: autoint1.e
 Quant Time: May 21 18:59:59 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052124.M
 Quant Title : GC Extractables
 QLast Update : Tue May 21 18:59:41 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...	7.458	668442	4.761 ug/ml
Spiked Amount 50.000		Recovery =	9.52%
6) S 2-Fluorobiphenyl (SURR)	8.314	416148	4.493 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	8.99%
11) S ortho-Terphenyl (SURR)	11.350	790570	4.945 ug/ml
Spiked Amount 50.000		Recovery =	9.89%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.272	773254	4.896 ug/ml
2) T Naphthalene (C11.7)	5.797	779094	4.773 ug/ml
3) T 2-Methylnaphthalene (...)	6.846	783385	4.754 ug/ml
5) T Acenaphthylene (C15.06)	8.114	789913	4.833 ug/ml
7) T Acenaphthene (C15.5)	8.408	789362	4.834 ug/ml
8) T Flouorene (C16.55)	9.189	745383	4.738 ug/ml
9) T Phenanthrene (C19.36)	10.579	722557	4.686 ug/ml
10) T Anthracene (C19.43)	10.655	683905	4.549 ug/ml
12) T Fluoranthene (C21.85)	12.386	729569	4.808 ug/ml
13) T Pyrene (C20.8)	12.680	718624	4.767 ug/ml
14) T Benzo[a]anthracene (C...	14.551	606501	4.424 ug/ml
15) T Chrysene (C27.41)	14.590	720506	4.891 ug/ml
16) T benzo[b]fluoranthene ...	16.097	646375	4.593 ug/ml
17) T Bnezo[k]fluoranthene ...	16.128	670937	4.927 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.477	642733	4.643 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.842	452720	3.927 ug/ml
20) T Dibenz[a,h]anthracene...	17.885	629034	4.717 ug/ml
21) T Benzo[g,h,i]perylene ...	18.088	602307	4.529 ug/ml

(f)=RT Delta > 1/2 Window

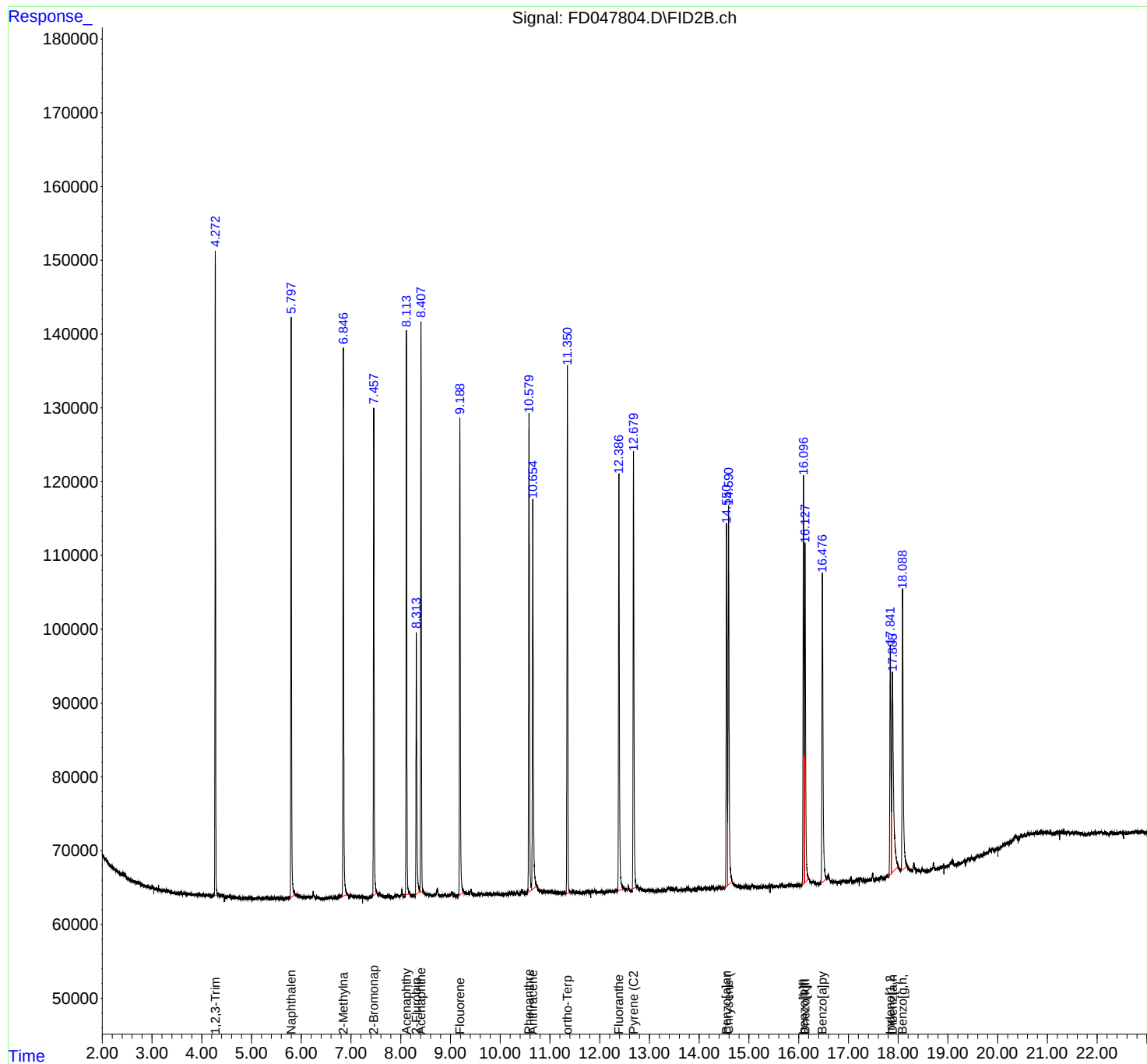
(m)=manual int.

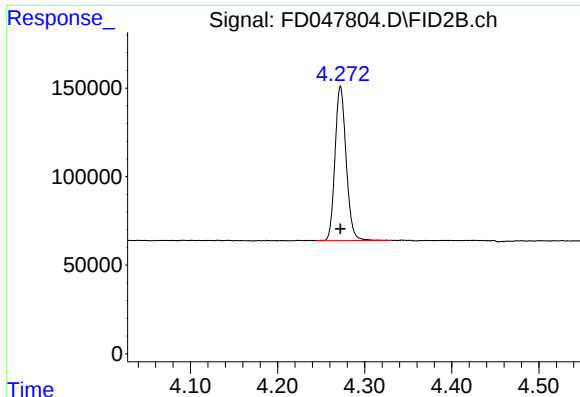
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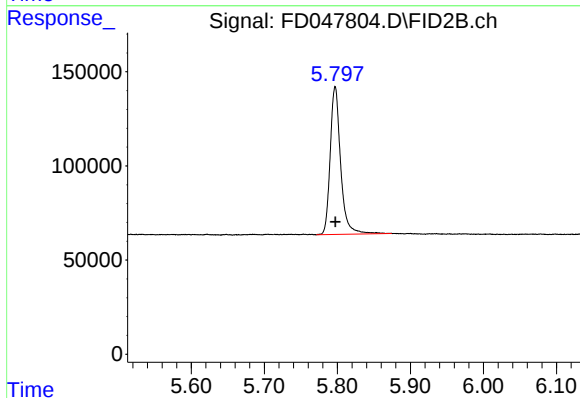




#1 1,2,3-Trimethylbenzene (C10.1)

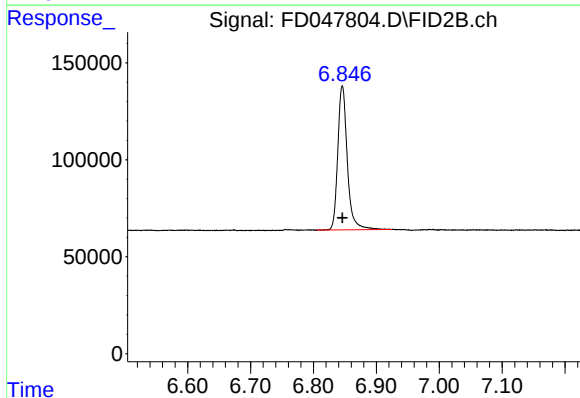
R.T.: 4.272 min
Delta R.T.: 0.000 min
Response: 773254
Conc: 4.90 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



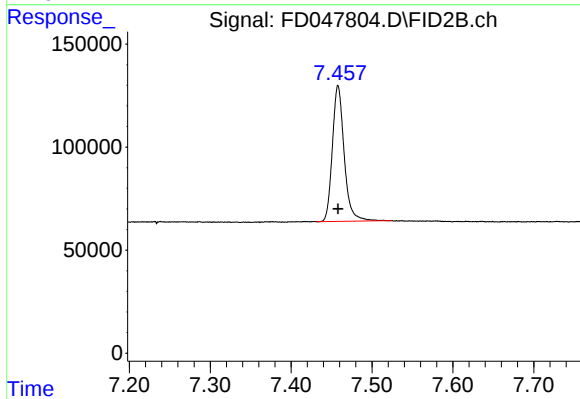
#2 Naphthalene (C11.7)

R.T.: 5.797 min
Delta R.T.: 0.000 min
Response: 779094
Conc: 4.77 ug/ml



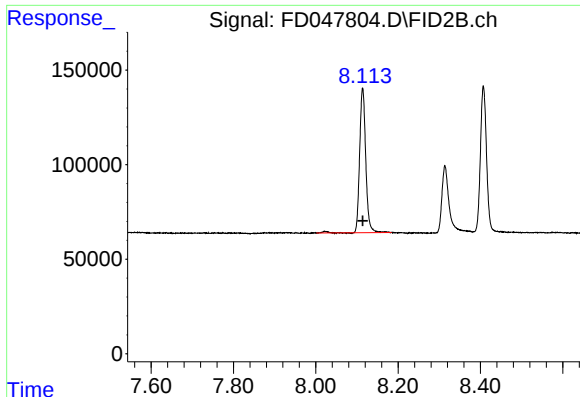
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.846 min
Delta R.T.: 0.000 min
Response: 783385
Conc: 4.75 ug/ml



#4 2-Bromonaphthalene (SURR)

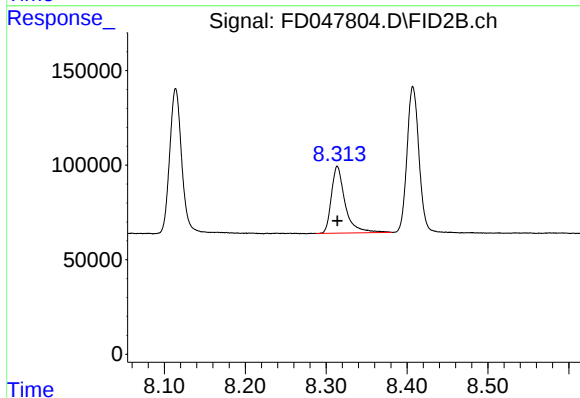
R.T.: 7.458 min
Delta R.T.: 0.000 min
Response: 668442
Conc: 4.76 ug/ml



#5 Acenaphthylene (C15.06)

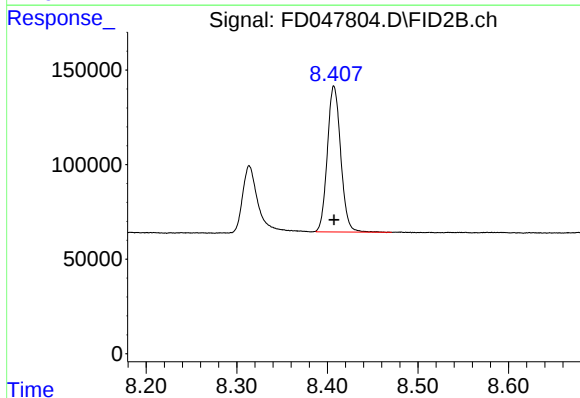
R.T.: 8.114 min
Delta R.T.: 0.000 min
Response: 789913
Conc: 4.83 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



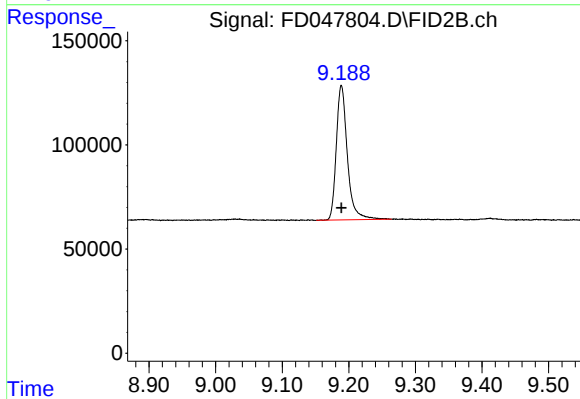
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.314 min
Delta R.T.: 0.000 min
Response: 416148
Conc: 4.49 ug/ml



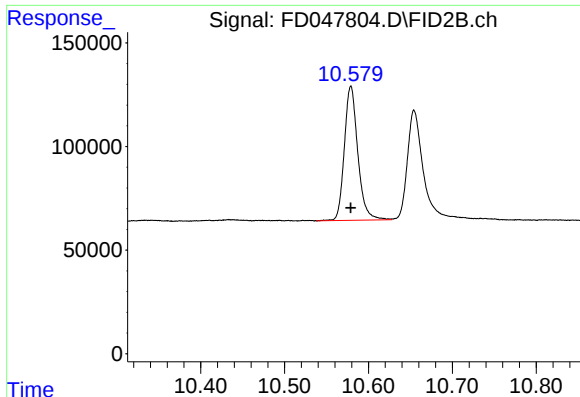
#7 Acenaphthene (C15.5)

R.T.: 8.408 min
Delta R.T.: 0.000 min
Response: 789362
Conc: 4.83 ug/ml



#8 Fluorene (C16.55)

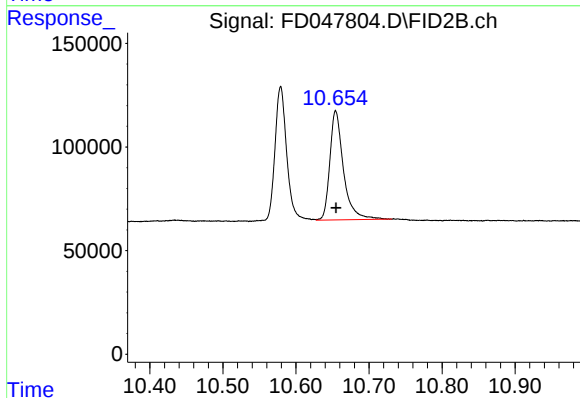
R.T.: 9.189 min
Delta R.T.: 0.000 min
Response: 745383
Conc: 4.74 ug/ml



#9 Phenanthrene (C19.36)

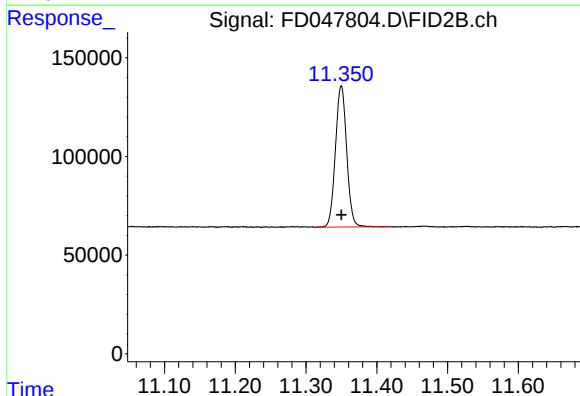
R.T.: 10.579 min
Delta R.T.: 0.000 min
Response: 722557
Conc: 4.69 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



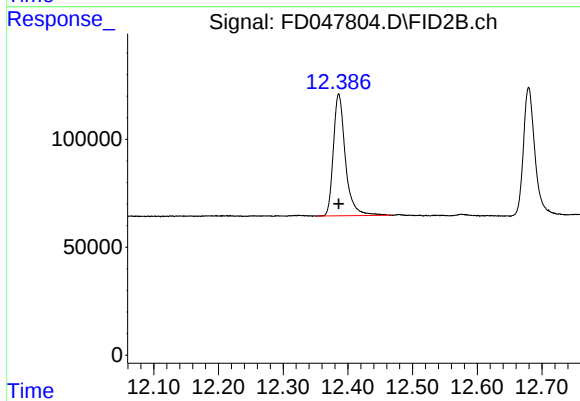
#10 Anthracene (C19.43)

R.T.: 10.655 min
Delta R.T.: 0.000 min
Response: 683905
Conc: 4.55 ug/ml



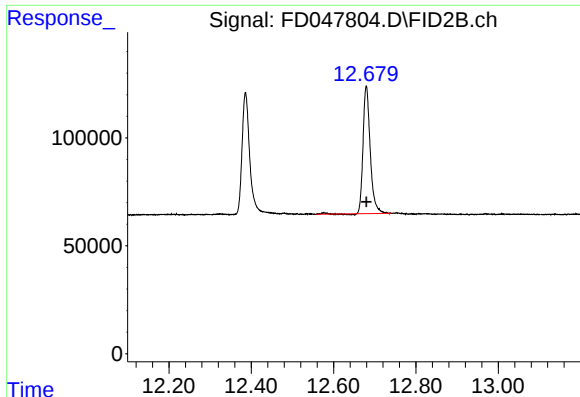
#11 ortho-Terphenyl (SURR)

R.T.: 11.350 min
Delta R.T.: 0.000 min
Response: 790570
Conc: 4.94 ug/ml



#12 Fluoranthene (C21.85)

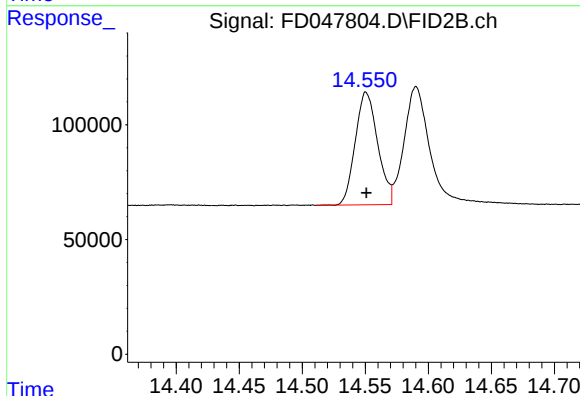
R.T.: 12.386 min
Delta R.T.: 0.000 min
Response: 729569
Conc: 4.81 ug/ml



#13 Pyrene (C20.8)

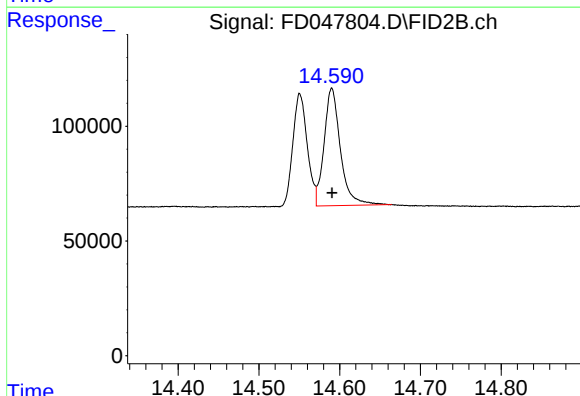
R.T.: 12.680 min
Delta R.T.: 0.000 min
Response: 718624
Conc: 4.77 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



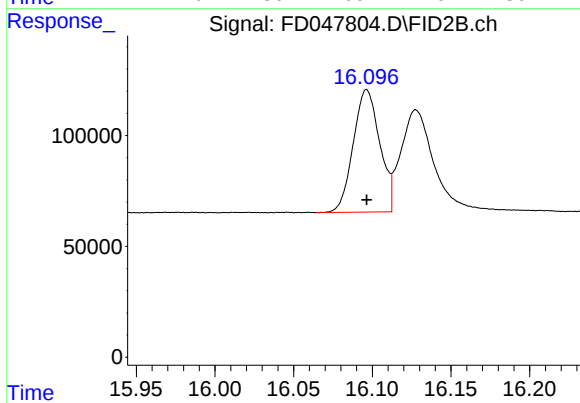
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.551 min
Delta R.T.: 0.000 min
Response: 606501
Conc: 4.42 ug/ml



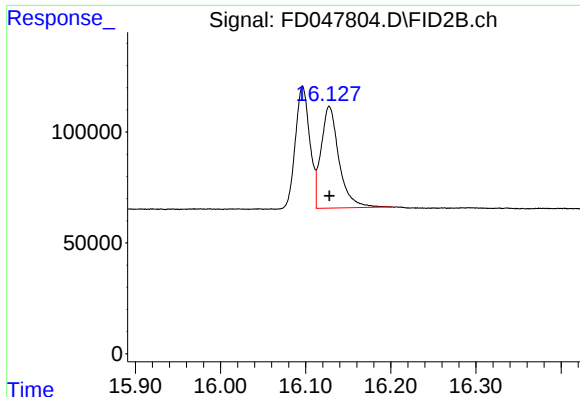
#15 Chrysene (C27.41)

R.T.: 14.590 min
Delta R.T.: 0.000 min
Response: 720506
Conc: 4.89 ug/ml



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

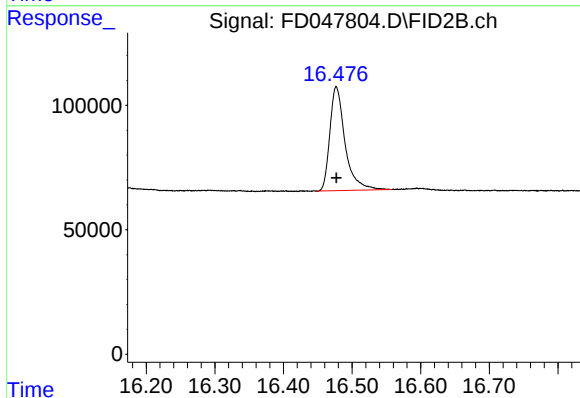
R.T.: 16.097 min
Delta R.T.: 0.000 min
Response: 646375
Conc: 4.59 ug/ml



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

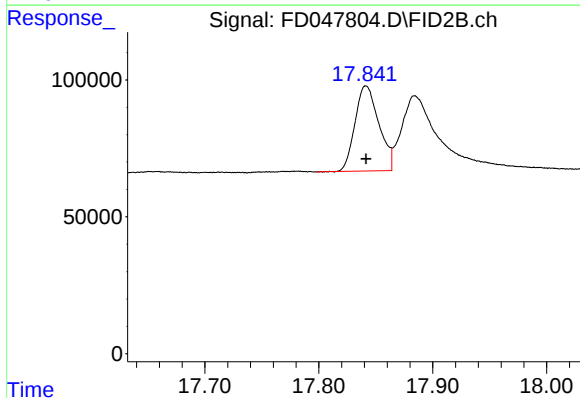
R.T.: 16.128 min
Delta R.T.: 0.000 min
Response: 670937
Conc: 4.93 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



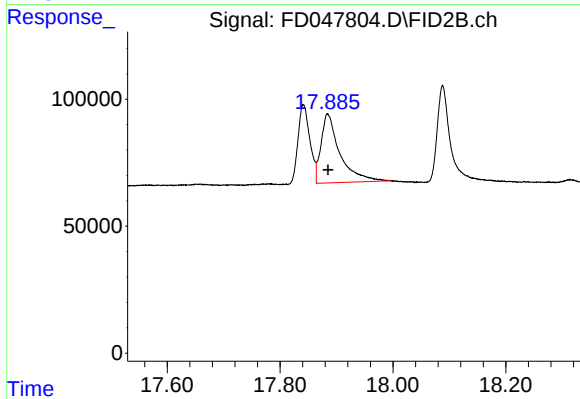
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.477 min
Delta R.T.: 0.000 min
Response: 642733
Conc: 4.64 ug/ml



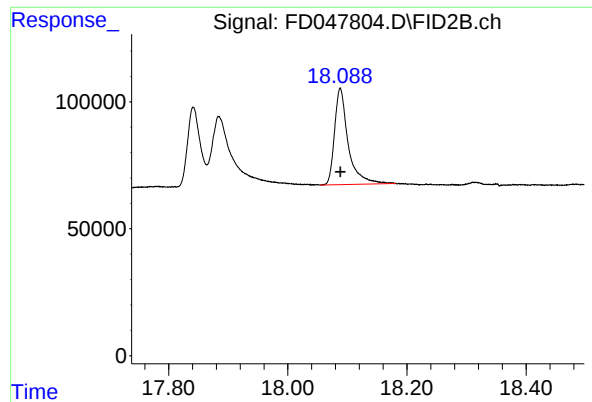
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.842 min
Delta R.T.: 0.000 min
Response: 452720
Conc: 3.93 ug/ml



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

R.T.: 17.885 min
Delta R.T.: 0.000 min
Response: 629034
Conc: 4.72 ug/ml



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

R.T.: 18.088 min
Delta R.T.: 0.000 min
Response: 602307
Conc: 4.53 ug/ml

Instrument :

FID_D

ClientSampleId :

5 PPM AROMATIC HC STD5