

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061825AR\
 Data File : FD049493.D
 Signal(s) : FID2B.ch
 Acq On : 18 Jun 2025 11:58
 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: Jun 18 13:10:44 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 061825.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 18 13:06:40 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...	7.737	6089272	48.730 ug/ml
Spiked Amount 50.000		Recovery =	97.46%
6) S 2-Fluorobiphenyl (SURR)	8.603	4340800	48.904 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	97.81%
11) S ortho-Terphenyl (SURR)	11.648	7578385	48.740 ug/ml
Spiked Amount 50.000		Recovery =	97.48%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.530	5703290	49.293 ug/ml
2) T Naphthalene (C11.7)	6.074	6622569	49.156 ug/ml
3) T 2-Methylnaphthalene (...)	7.128	6947245	49.009 ug/ml
5) T Acenaphthylene (C15.06)	8.407	7399108	48.802 ug/ml
7) T Acenaphthene (C15.5)	8.704	7312424	48.932 ug/ml
8) T Fluorene (C16.55)	9.485	7438668	48.863 ug/ml
9) T Phenanthrene (C19.36)	10.884	7689139	48.961 ug/ml
10) T Anthracene (C19.43)	10.960	7597949	48.849 ug/ml
12) T Fluoranthene (C21.85)	12.699	7654270	49.100 ug/ml
13) T Pyrene (C20.8)	12.998	7652040	49.151 ug/ml
14) T Benzo[a]anthracene (C...	14.870	7191201	49.395 ug/ml
15) T Chrysene (C27.41)	14.914	7244024	49.404 ug/ml
16) T benzo[b]fluoranthene ...	16.420	6852542	49.495 ug/ml
17) T Bnezo[k]fluoranthene ...	16.456	6463615	49.573 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.801	6656992	49.504 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.165	5956686	49.205 ug/ml
20) T Dibenz[a,h]anthracene...	18.205	6131323	49.630 ug/ml
21) T Benzo[g,h,i]perylene ...	18.425	6216795	49.355 ug/ml

(f)=RT Delta > 1/2 Window

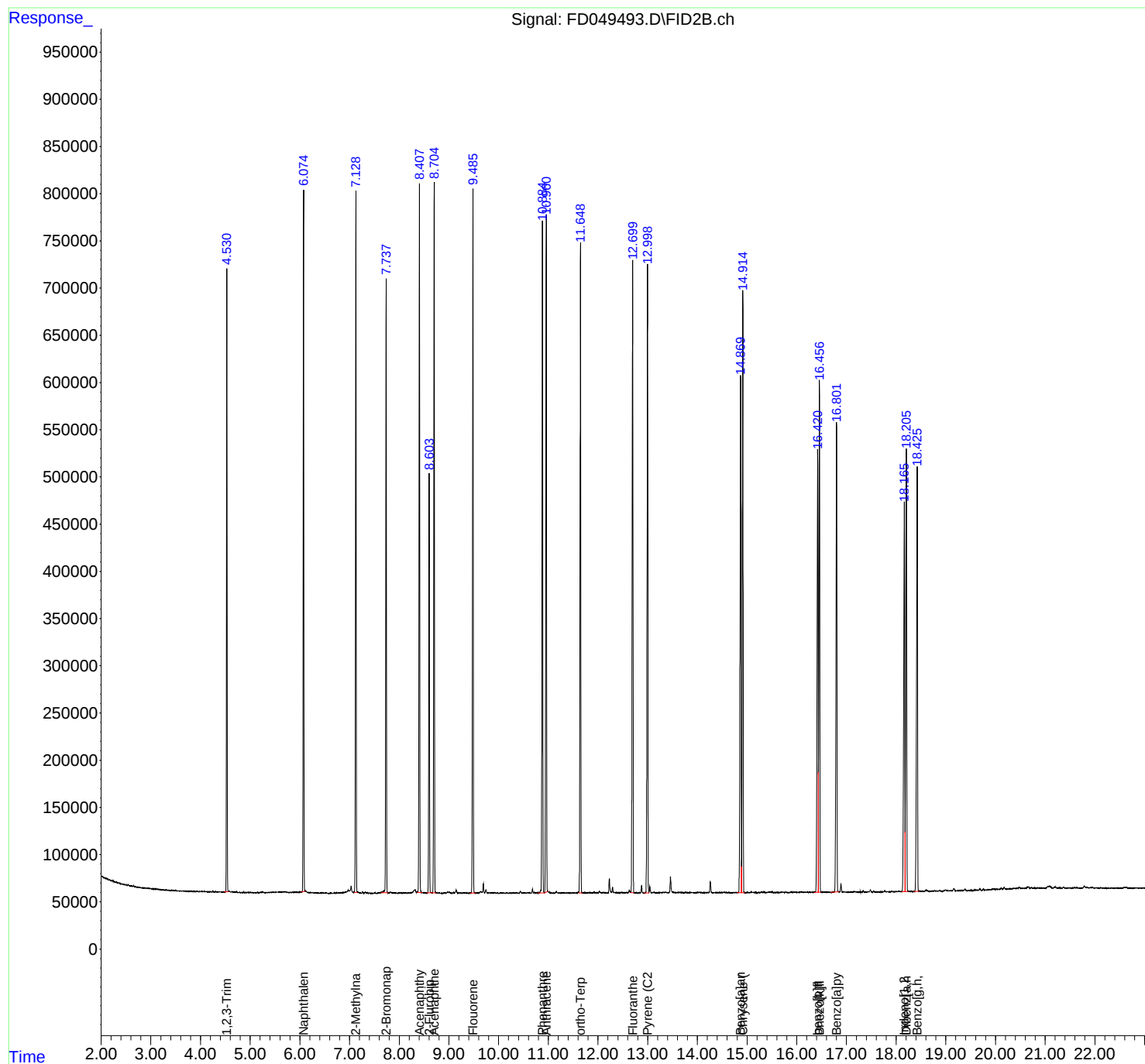
(m)=manual int.

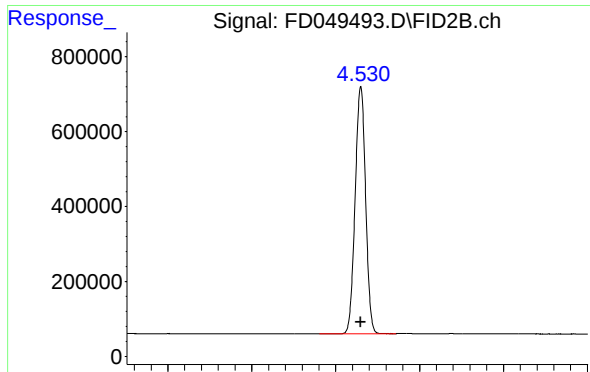
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061825AR\
Data File : FD049493.D
Signal(s) : FID2B.ch
Acq On : 18 Jun 2025 11:58
Operator : YP/AJ
Sample : 50 PPM AROMATIC HC STD2
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2

Integration File: autoint1.e
Quant Time: Jun 18 13:10:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 061825.M
Quant Title : GC Extractables
QLast Update : Wed Jun 18 13:06:40 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

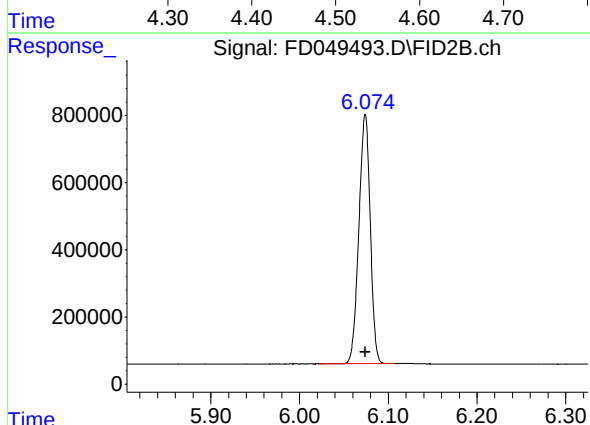




#1 1,2,3-Trimethylbenzene (C10.1)

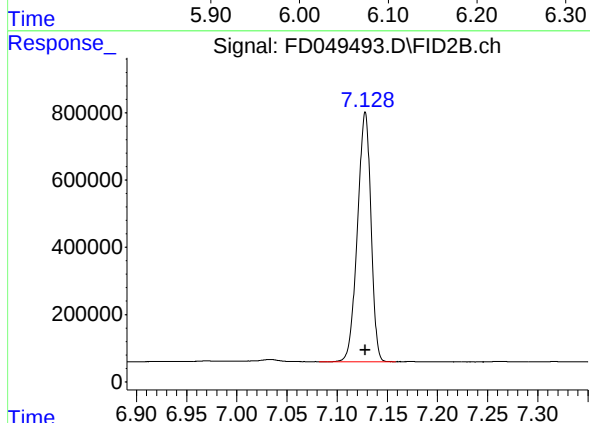
R.T.: 4.530 min
Delta R.T.: 0.000 min
Response: 5703290
Conc: 49.29 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2



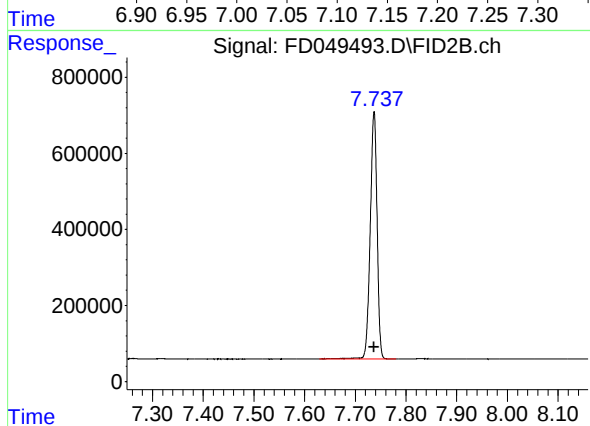
#2 Naphthalene (C11.7)

R.T.: 6.074 min
Delta R.T.: 0.000 min
Response: 6622569
Conc: 49.16 ug/ml



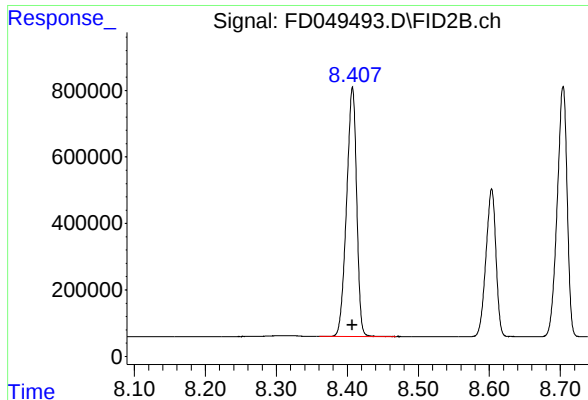
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.128 min
Delta R.T.: 0.000 min
Response: 6947245
Conc: 49.01 ug/ml



#4 2-Bromonaphthalene (SURR)

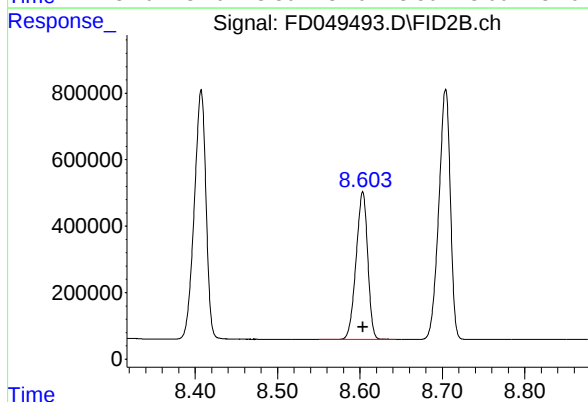
R.T.: 7.737 min
Delta R.T.: 0.000 min
Response: 6089272
Conc: 48.73 ug/ml



#5 Acenaphthylene (C15.06)

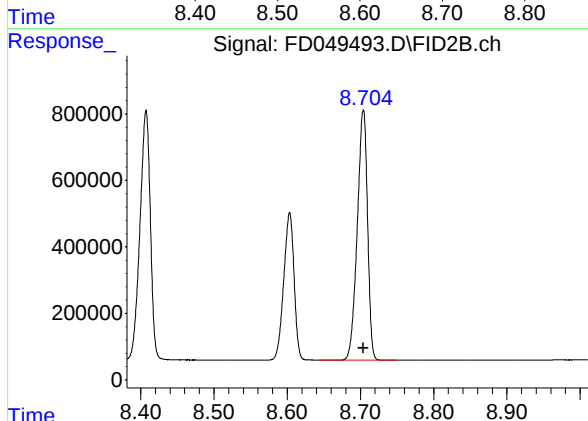
R.T.: 8.407 min
Delta R.T.: 0.000 min
Response: 7399108
Conc: 48.80 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2



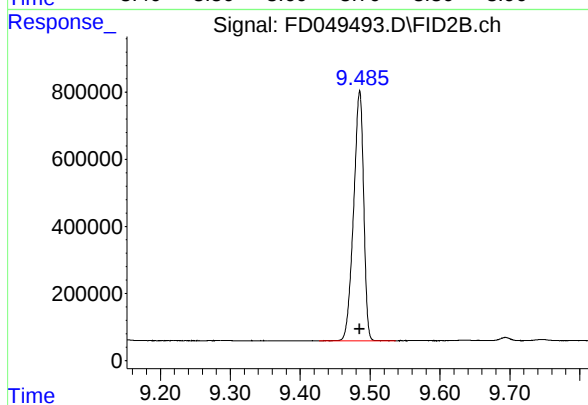
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.603 min
Delta R.T.: 0.000 min
Response: 4340800
Conc: 48.90 ug/ml



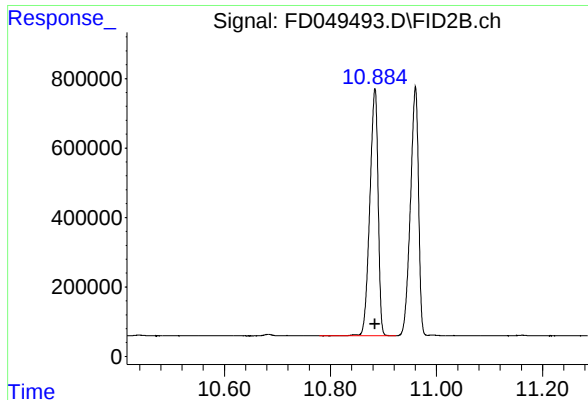
#7 Acenaphthene (C15.5)

R.T.: 8.704 min
Delta R.T.: 0.000 min
Response: 7312424
Conc: 48.93 ug/ml



#8 Flouorene (C16.55)

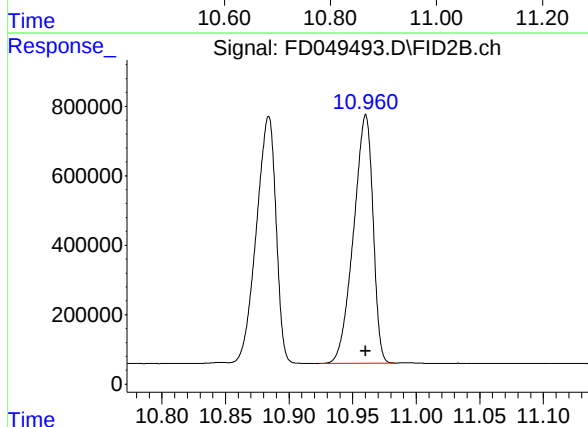
R.T.: 9.485 min
Delta R.T.: 0.000 min
Response: 7438668
Conc: 48.86 ug/ml



#9 Phenanthrene (C19.36)

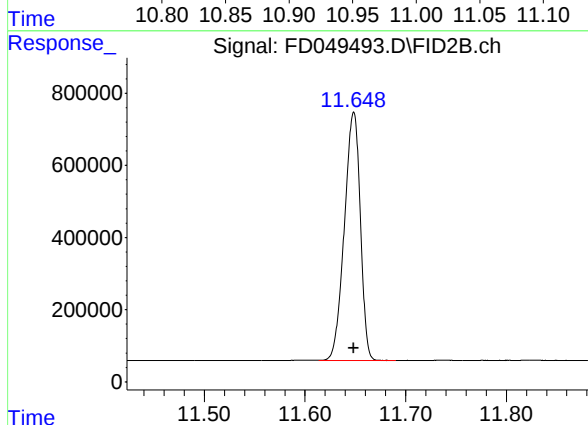
R.T.: 10.884 min
Delta R.T.: 0.000 min
Response: 7689139
Conc: 48.96 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2



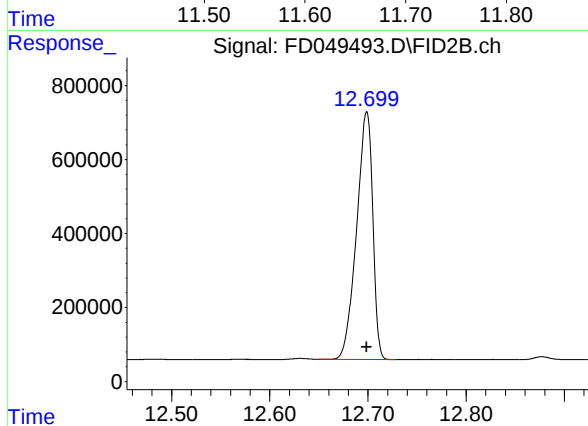
#10 Anthracene (C19.43)

R.T.: 10.960 min
Delta R.T.: 0.000 min
Response: 7597949
Conc: 48.85 ug/ml



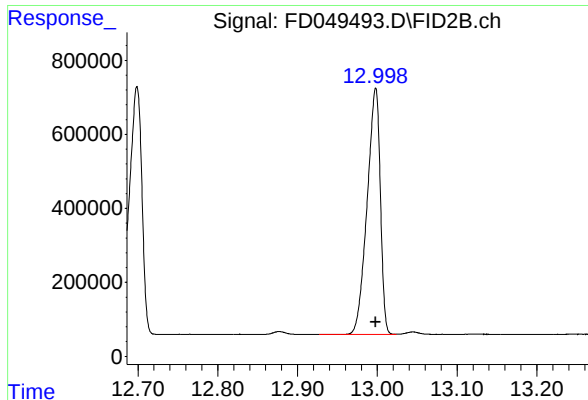
#11 ortho-Terphenyl (SURRE)

R.T.: 11.648 min
Delta R.T.: 0.000 min
Response: 7578385
Conc: 48.74 ug/ml



#12 Fluoranthene (C21.85)

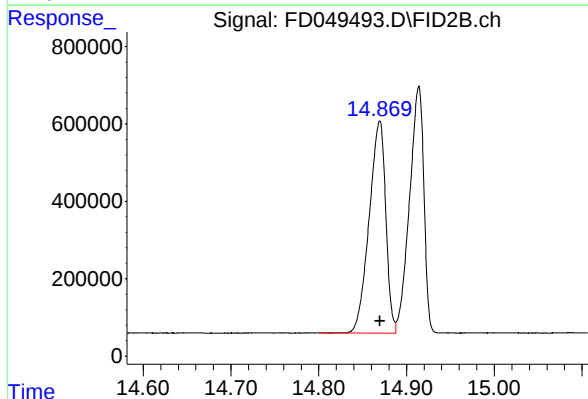
R.T.: 12.699 min
Delta R.T.: 0.000 min
Response: 7654270
Conc: 49.10 ug/ml



#13 Pyrene (C20.8)

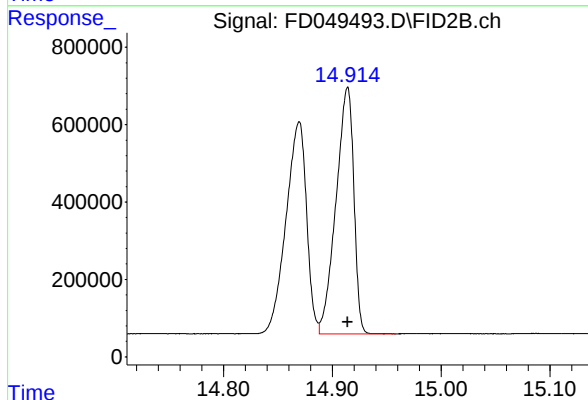
R.T.: 12.998 min
Delta R.T.: 0.000 min
Response: 7652040
Conc: 49.15 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2



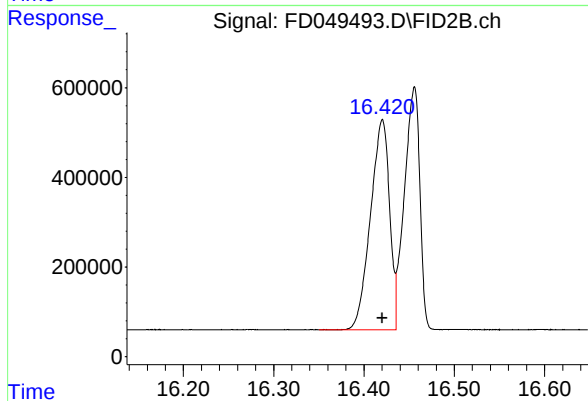
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.870 min
Delta R.T.: 0.000 min
Response: 7191201
Conc: 49.40 ug/ml



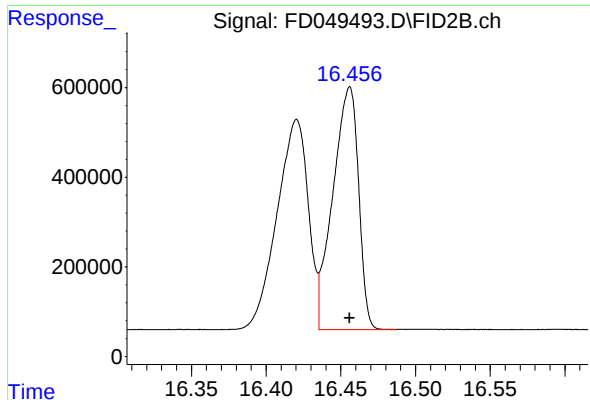
#15 Chrysene (C27.41)

R.T.: 14.914 min
Delta R.T.: 0.000 min
Response: 7244024
Conc: 49.40 ug/ml



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

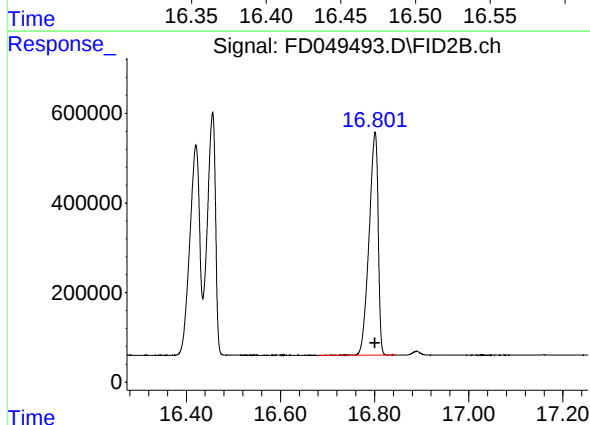
R.T.: 16.420 min
Delta R.T.: 0.000 min
Response: 6852542
Conc: 49.49 ug/ml



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

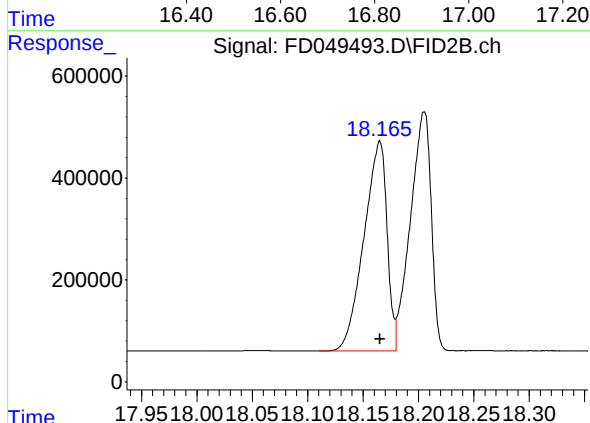
R.T.: 16.456 min
Delta R.T.: 0.000 min
Response: 6463615
Conc: 49.57 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2



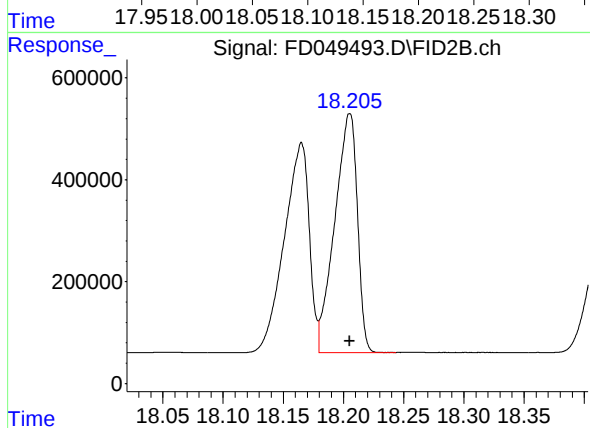
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.801 min
Delta R.T.: 0.000 min
Response: 6656992
Conc: 49.50 ug/ml



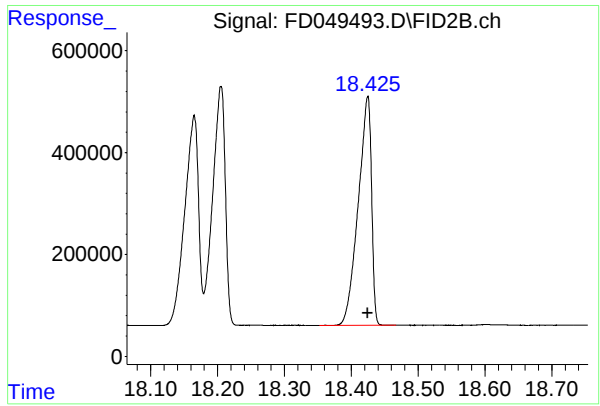
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.165 min
Delta R.T.: 0.000 min
Response: 5956686
Conc: 49.21 ug/ml



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

R.T.: 18.205 min
Delta R.T.: 0.000 min
Response: 6131323
Conc: 49.63 ug/ml



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

R.T.: 18.425 min

Delta R.T.: 0.000 min

Response: 6216795

Conc: 49.35 ug/ml

Instrument :

FID_D

ClientSampleId :

50 PPM AROMATIC HC STD2