

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121024AR\
 Data File : FD048869.D
 Signal(s) : FID2B.ch
 Acq On : 10 Dec 2024 07:51
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 76 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Dec 10 08:25:43 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 121024.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 10 06:07:50 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...	7.362	3223183	19.136 ug/ml
Spiked Amount 50.000		Recovery =	38.27%
6) S 2-Fluorobiphenyl (SURR)	8.213	2056472	19.906 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.81%
11) S ortho-Terphenyl (SURR)	11.246	3476254	19.567 ug/ml
Spiked Amount 50.000		Recovery =	39.13%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.186	3672733	19.398 ug/ml
2) T Naphthalene (C11.7)	5.703	3746679	19.607 ug/ml
3) T 2-Methylnaphthalene (...)	6.749	3569820	19.319 ug/ml
5) T Acenaphthylene (C15.06)	8.015	3631520	19.458 ug/ml
7) T Acenaphthene (C15.5)	8.308	3620995	19.443 ug/ml
8) T Fluorene (C16.55)	9.088	3485372	19.505 ug/ml
9) T Phenanthrene (C19.36)	10.474	3268073	19.566 ug/ml
10) T Anthracene (C19.43)	10.551	3316601	19.541 ug/ml
12) T Fluoranthene (C21.85)	12.279	3214351	19.637 ug/ml
13) T Pyrene (C20.8)	12.571	3151567	19.377 ug/ml
14) T Benzo[a]anthracene (C...	14.441	2655346	20.100 ug/ml
15) T Chrysene (C27.41)	14.482	3038154	18.819 ug/ml
16) T benzo[b]fluoranthene ...	15.986	2681967	19.921 ug/ml
17) T Bnezo[k]fluoranthene ...	16.017	2860885	18.782 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.365	2691083	19.457 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.729	2031107	19.059 ug/ml
20) T Dibenz[a,h]anthracene...	17.770	2904501	20.027 ug/ml
21) T Benzo[g,h,i]perylene ...	17.977	2728075	19.457 ug/ml

(f)=RT Delta > 1/2 Window

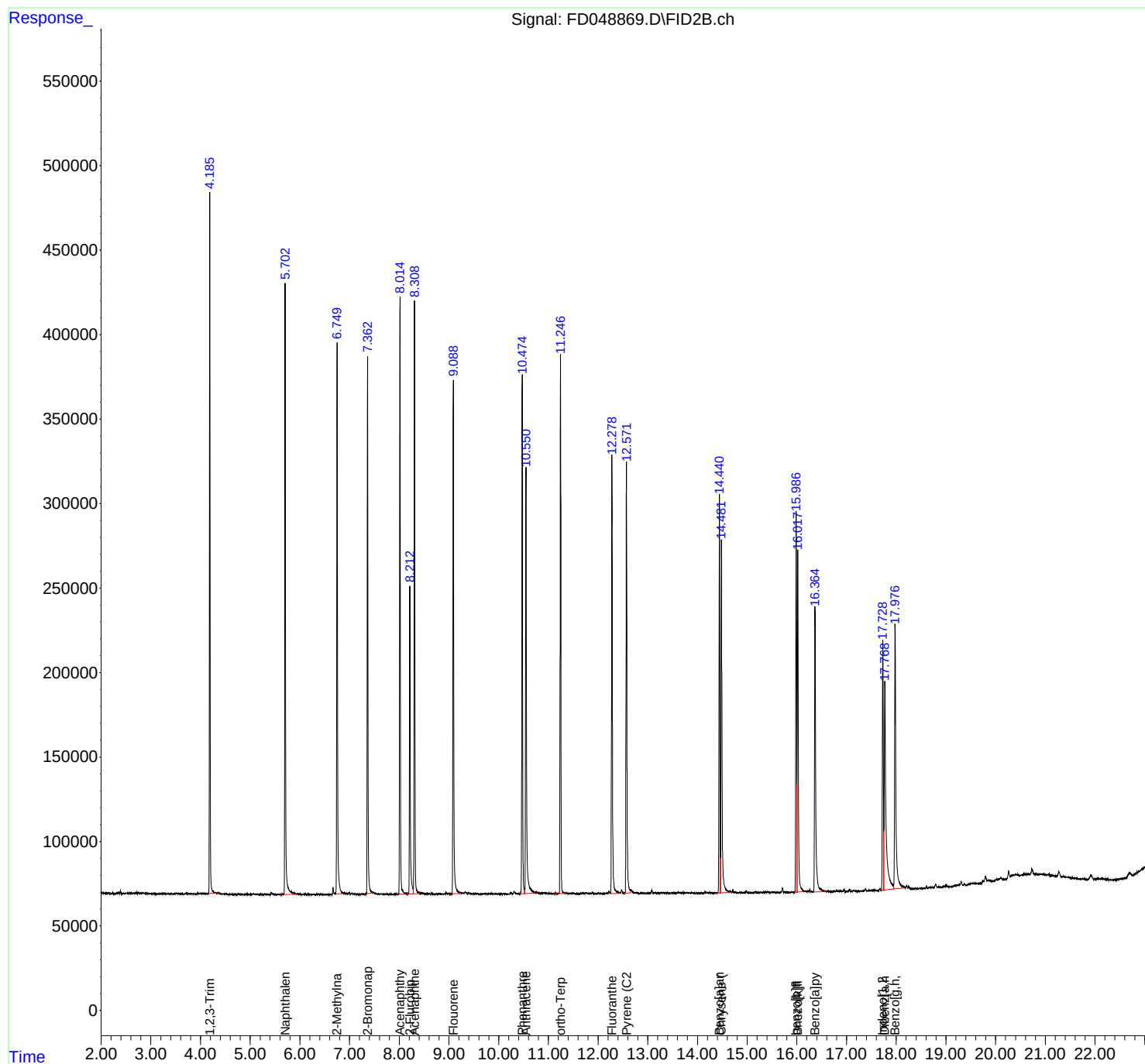
(m)=manual int.

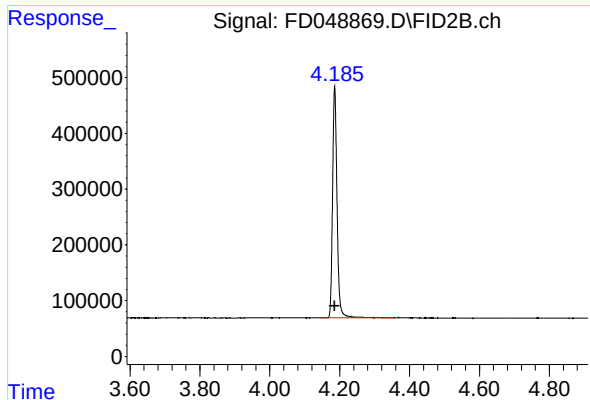
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121024AR\
Data File : FD048869.D
Signal(s) : FID2B.ch
Acq On : 10 Dec 2024 07:51
Operator : YP/AJ
Sample : 20 PPM AROMATIC HC STD
Misc :
ALS Vial : 76 Sample Multiplier: 1

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD

Integration File: autoint1.e
Quant Time: Dec 10 08:25:43 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 121024.M
Quant Title : GC Extractables
QLast Update : Tue Dec 10 06:07:50 2024
Response via : Initial Calibration
Integrator: ChemStation

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

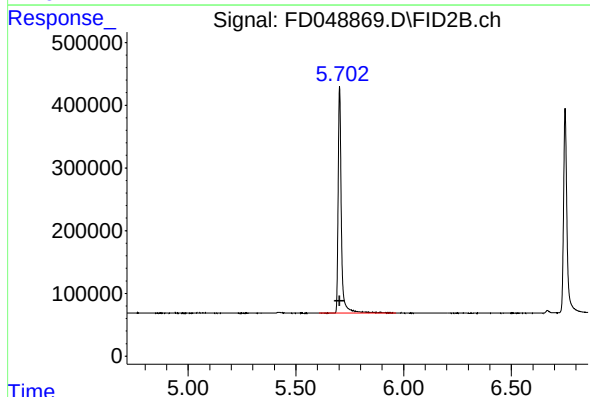




#1 1,2,3-Trimethylbenzene (C10.1)

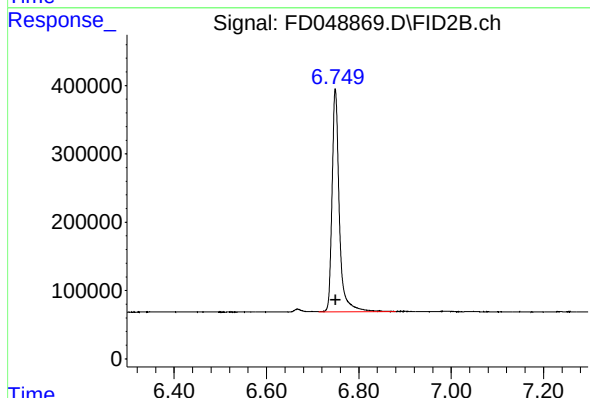
R.T.: 4.186 min
Delta R.T.: 0.000 min
Response: 3672733
Conc: 19.40 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



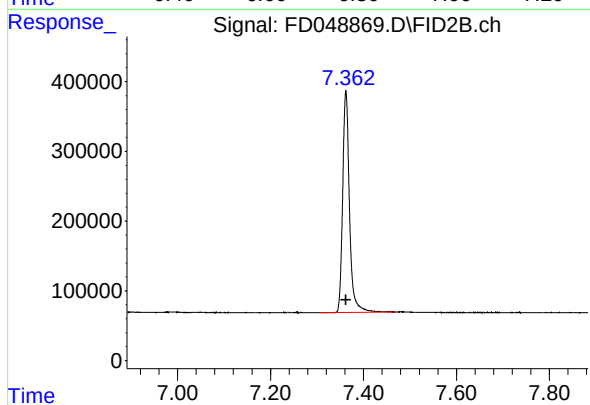
#2 Naphthalene (C11.7)

R.T.: 5.703 min
Delta R.T.: 0.000 min
Response: 3746679
Conc: 19.61 ug/ml



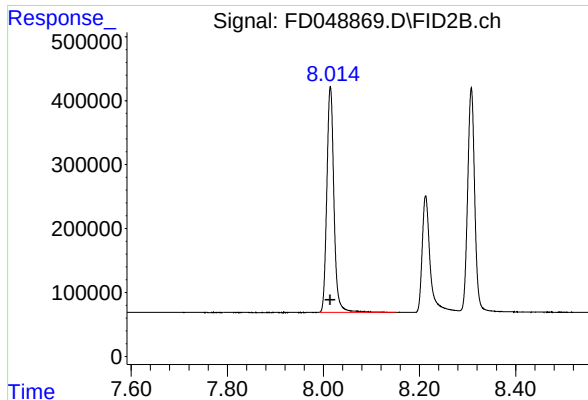
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.749 min
Delta R.T.: 0.000 min
Response: 3569820
Conc: 19.32 ug/ml



#4 2-Bromonaphthalene (SURR)

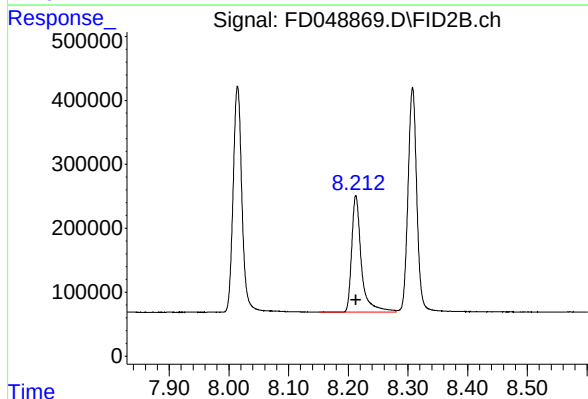
R.T.: 7.362 min
Delta R.T.: 0.000 min
Response: 3223183
Conc: 19.14 ug/ml



#5 Acenaphthylene (C15.06)

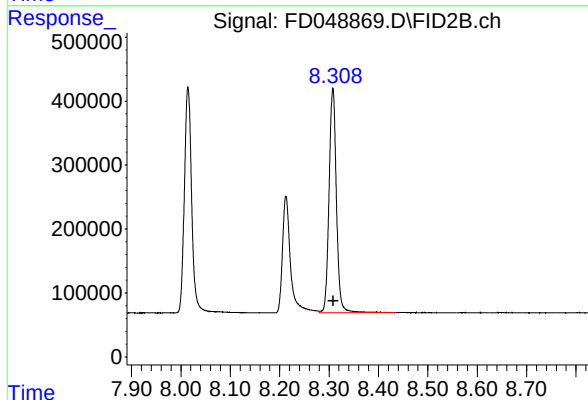
R.T.: 8.015 min
Delta R.T.: 0.000 min
Response: 3631520
Conc: 19.46 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



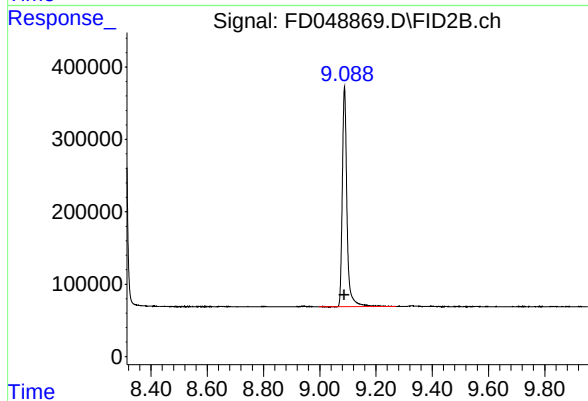
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.213 min
Delta R.T.: 0.000 min
Response: 2056472
Conc: 19.91 ug/ml



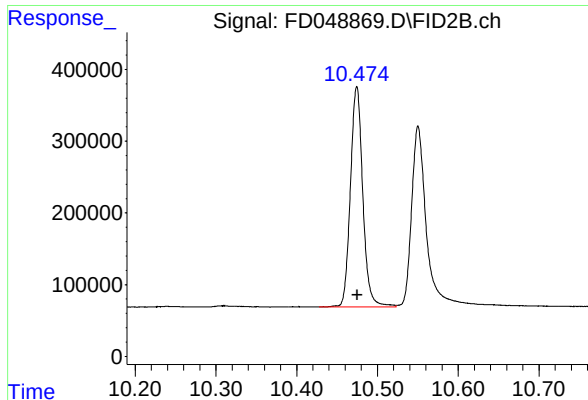
#7 Acenaphthene (C15.5)

R.T.: 8.308 min
Delta R.T.: 0.000 min
Response: 3620995
Conc: 19.44 ug/ml



#8 Flouorene (C16.55)

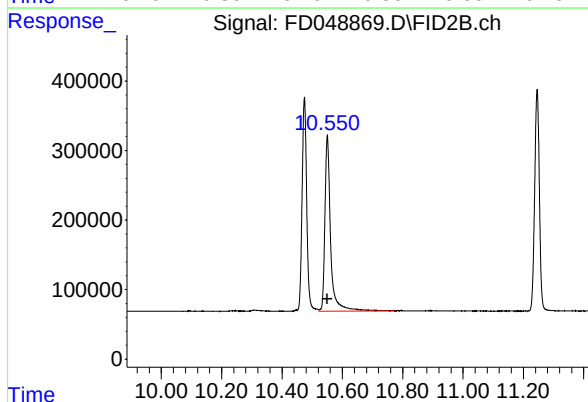
R.T.: 9.088 min
Delta R.T.: 0.000 min
Response: 3485372
Conc: 19.51 ug/ml



#9 Phenanthrene (C19.36)

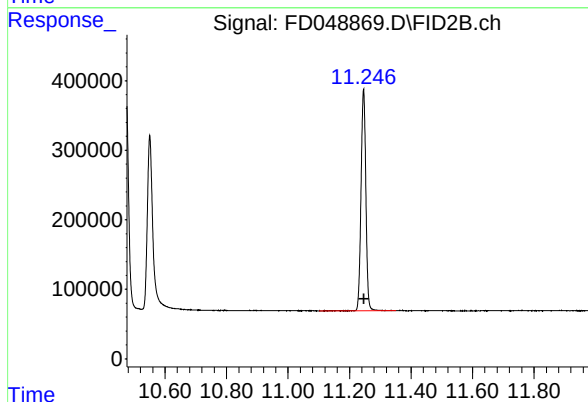
R.T.: 10.474 min
Delta R.T.: 0.000 min
Response: 3268073
Conc: 19.57 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



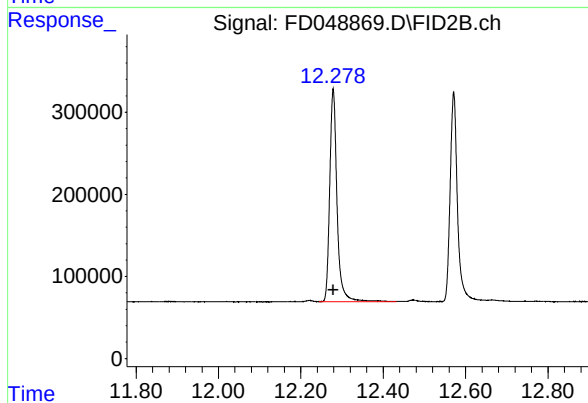
#10 Anthracene (C19.43)

R.T.: 10.551 min
Delta R.T.: 0.000 min
Response: 3316601
Conc: 19.54 ug/ml



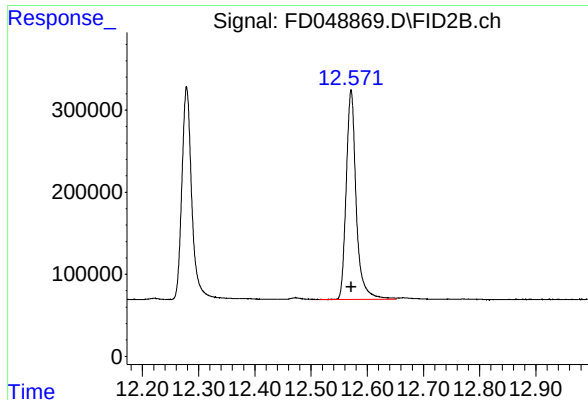
#11 ortho-Terphenyl (SURR)

R.T.: 11.246 min
Delta R.T.: -0.001 min
Response: 3476254
Conc: 19.57 ug/ml



#12 Fluoranthene (C21.85)

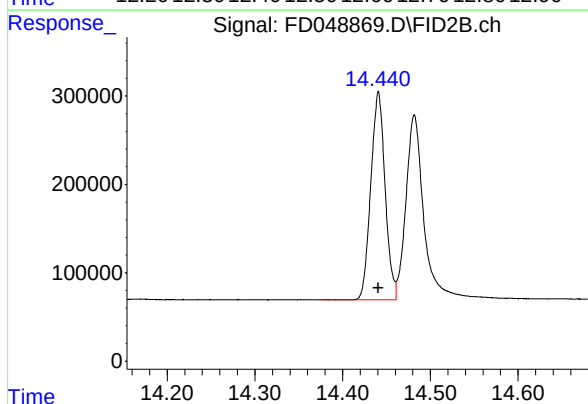
R.T.: 12.279 min
Delta R.T.: 0.000 min
Response: 3214351
Conc: 19.64 ug/ml



#13 Pyrene (C20.8)

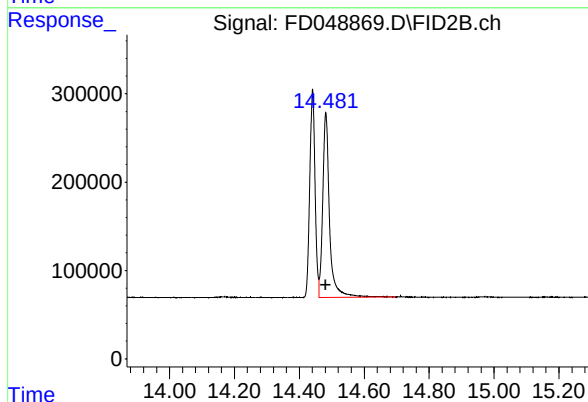
R.T.: 12.571 min
Delta R.T.: 0.000 min
Response: 3151567
Conc: 19.38 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



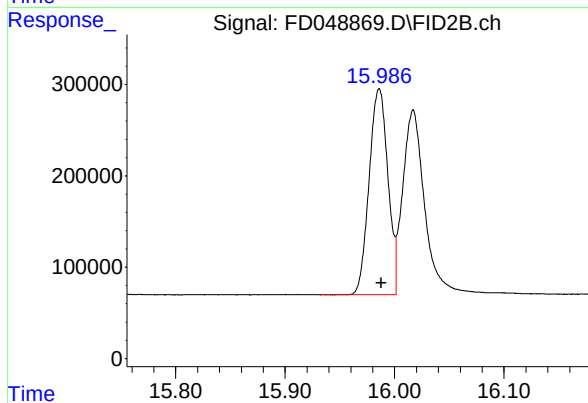
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.441 min
Delta R.T.: 0.000 min
Response: 2655346
Conc: 20.10 ug/ml



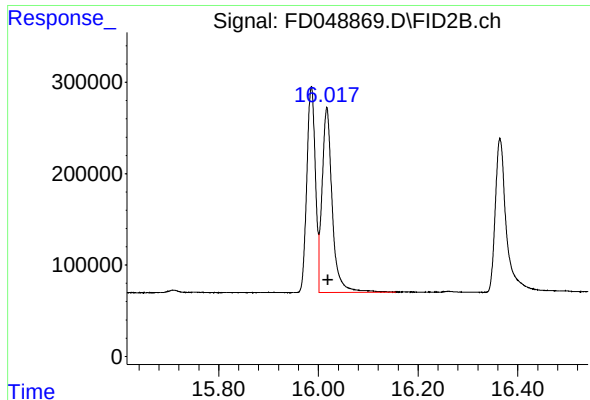
#15 Chrysene (C27.41)

R.T.: 14.482 min
Delta R.T.: 0.000 min
Response: 3038154
Conc: 18.82 ug/ml



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

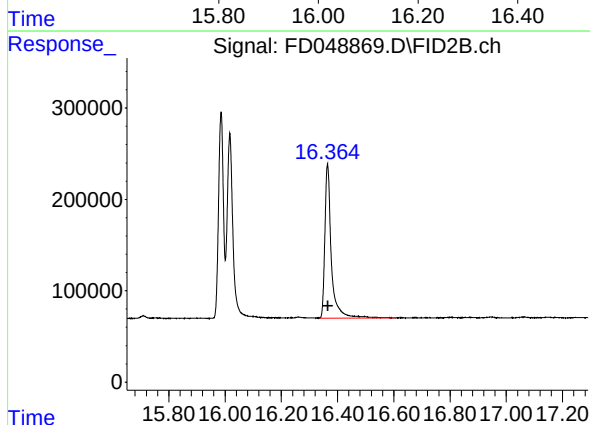
R.T.: 15.986 min
Delta R.T.: -0.002 min
Response: 2681967
Conc: 19.92 ug/ml



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

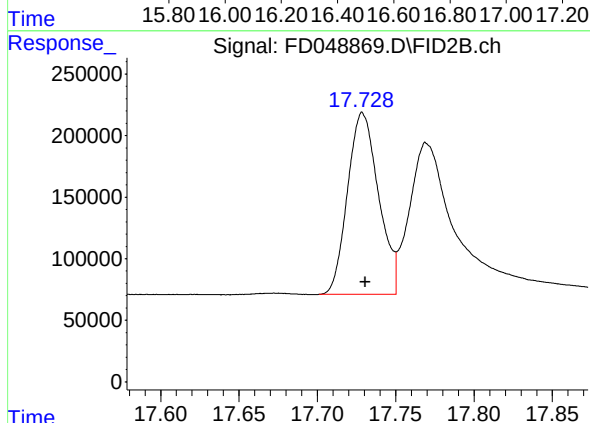
R.T.: 16.017 min
Delta R.T.: -0.003 min
Response: 2860885
Conc: 18.78 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



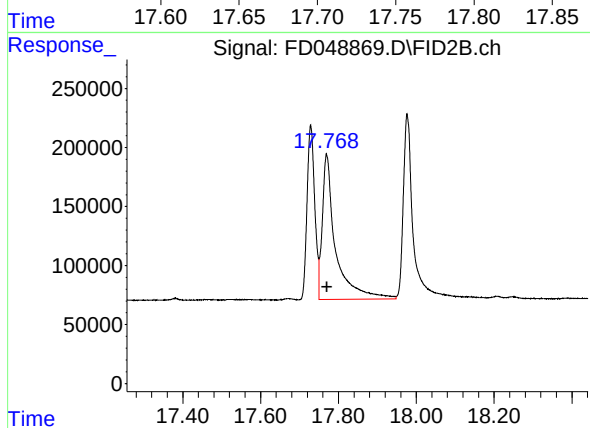
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.365 min
Delta R.T.: -0.001 min
Response: 2691083
Conc: 19.46 ug/ml



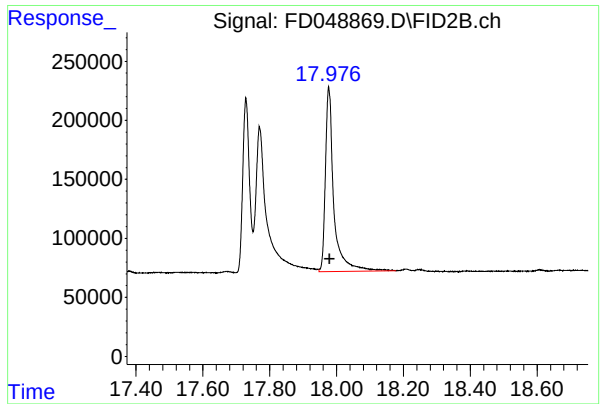
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.729 min
Delta R.T.: -0.002 min
Response: 2031107
Conc: 19.06 ug/ml



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

R.T.: 17.770 min
Delta R.T.: -0.001 min
Response: 2904501
Conc: 20.03 ug/ml



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

R.T.: 17.977 min

Delta R.T.: -0.002 min

Response: 2728075

Conc: 19.46 ug/ml

Instrument :

FID_D

ClientSampleId :

20 PPM AROMATIC HC STD