

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD080724AR\
 Data File : FD048183.D
 Signal(s) : FID2B.ch
 Acq On : 08 Aug 2024 06:59
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 08 08:05:07 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 071524.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 15 13:13:15 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...	7.398	2949929	19.848 ug/ml
Spiked Amount 50.000		Recovery =	39.70%
6) S 2-Fluorobiphenyl (SURR)	8.249	1962497	20.736 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.47%
11) S ortho-Terphenyl (SURR)	11.286	3338914	19.955 ug/ml
Spiked Amount 50.000		Recovery =	39.91%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.219	3370407	20.127 ug/ml
2) T Naphthalene (C11.7)	5.739	3481586	20.146 ug/ml
3) T 2-Methylnaphthalene (...)	6.786	3473173	20.021 ug/ml
5) T Acenaphthylene (C15.06)	8.052	3397250	19.824 ug/ml
7) T Acenaphthene (C15.5)	8.347	3451254	19.895 ug/ml
8) T Flouorene (C16.55)	9.125	3306457	20.357 ug/ml
9) T Phenanthrene (C19.36)	10.513	3231684	20.349 ug/ml
10) T Anthracene (C19.43)	10.588	3137721	19.872 ug/ml
12) T Fluoranthene (C21.85)	12.317	3210529	20.277 ug/ml
13) T Pyrene (C20.8)	12.610	3181055	20.117 ug/ml
14) T Benzo[a]anthracene (C...	14.479	2944726	21.569 ug/ml
15) T Chrysene (C27.41)	14.520	3148671	19.532 ug/ml
16) T benzo[b]fluoranthene ...	16.056	2943287	20.449 ug/ml
17) T Bnezo[k]fluoranthene ...	16.056	2943287	19.706 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.401	3008978	21.244 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.803	3121371	27.675 ug/ml
20) T Dibenz[a,h]anthracene...	17.803	3121371	21.477 ug/ml
21) T Benzo[g,h,i]perylene ...	18.015	3033913	20.587 ug/ml

(f)=RT Delta > 1/2 Window

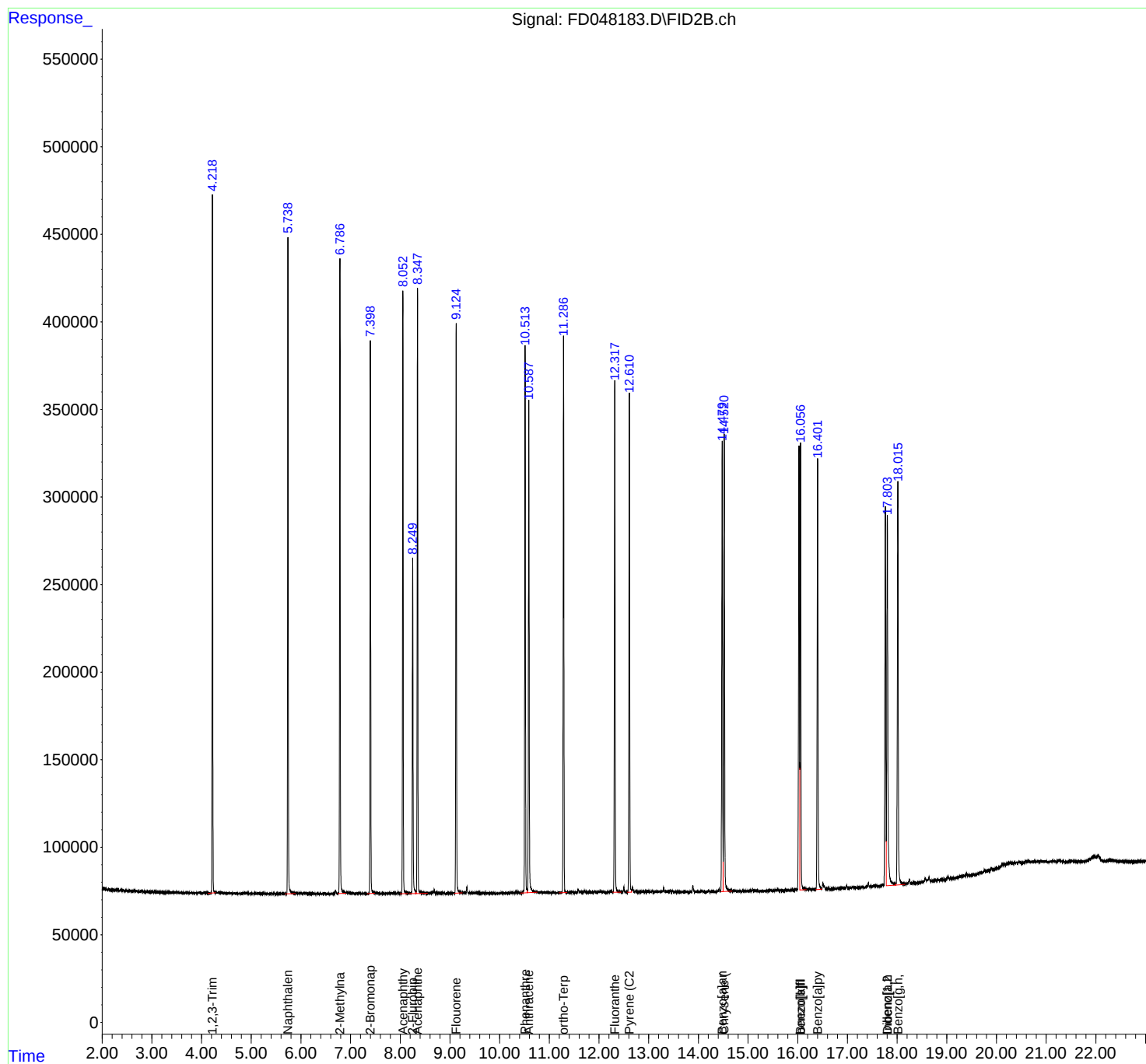
(m)=manual int.

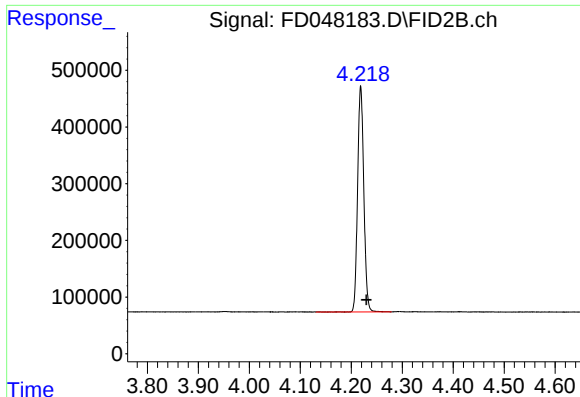
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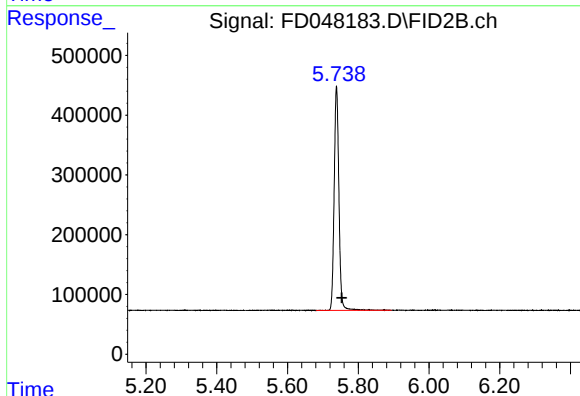




#1 1,2,3-Trimethylbenzene (C10.1)

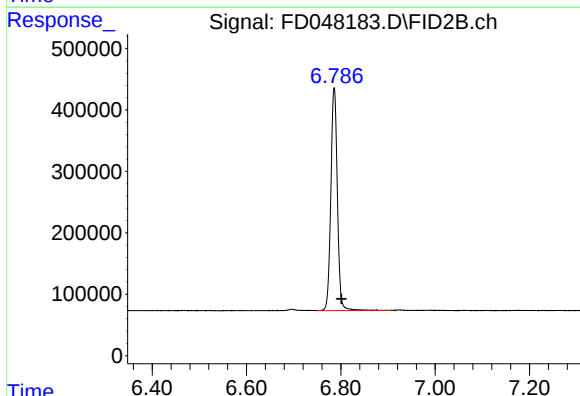
R.T.: 4.219 min
Delta R.T.: -0.011 min
Response: 3370407
Conc: 20.13 ug/ml

Instrument :
FID_D
ClientSampleId :



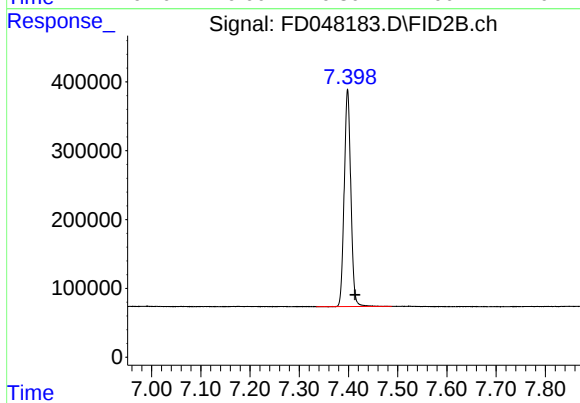
#2 Naphthalene (C11.7)

R.T.: 5.739 min
Delta R.T.: -0.015 min
Response: 3481586
Conc: 20.15 ug/ml



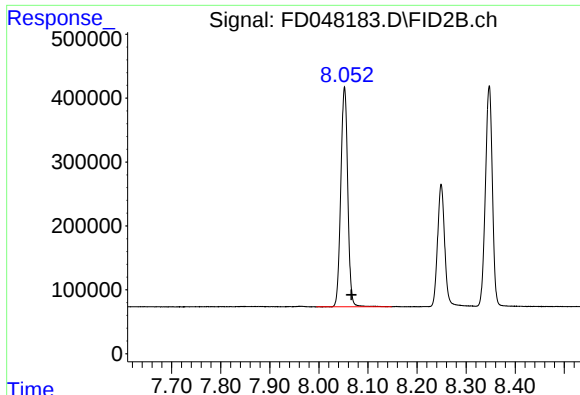
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.786 min
Delta R.T.: -0.015 min
Response: 3473173
Conc: 20.02 ug/ml



#4 2-Bromonaphthalene (SURR)

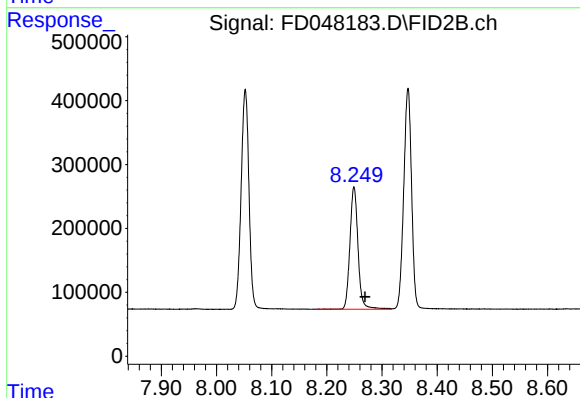
R.T.: 7.398 min
Delta R.T.: -0.015 min
Response: 2949929
Conc: 19.85 ug/ml



#5 Acenaphthylene (C15.06)

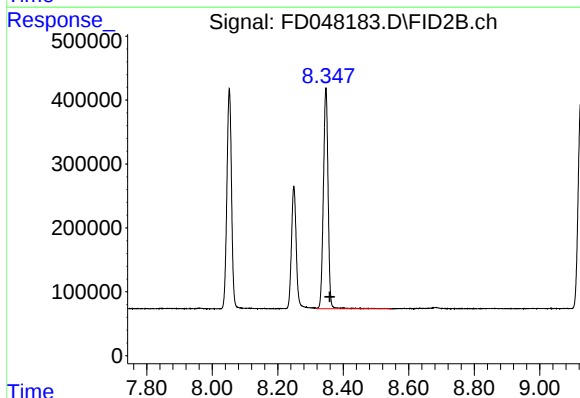
R.T.: 8.052 min
Delta R.T.: -0.014 min
Response: 3397250
Conc: 19.82 ug/ml

Instrument :
FID_D
ClientSampleId :



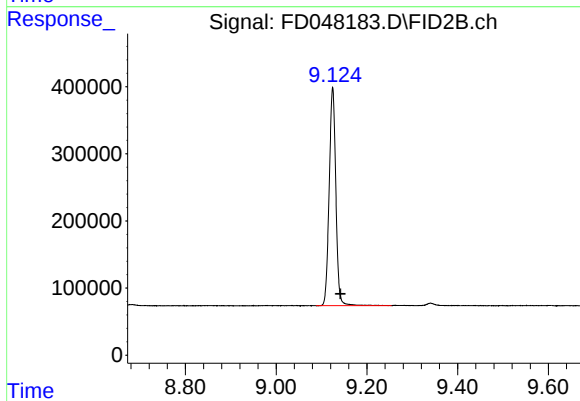
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.249 min
Delta R.T.: -0.020 min
Response: 1962497
Conc: 20.74 ug/ml



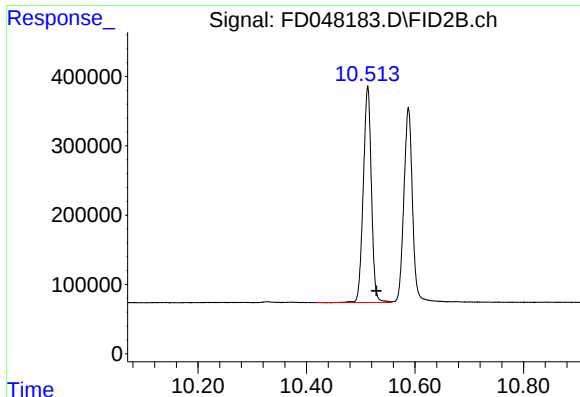
#7 Acenaphthene (C15.5)

R.T.: 8.347 min
Delta R.T.: -0.012 min
Response: 3451254
Conc: 19.89 ug/ml



#8 Fluorene (C16.55)

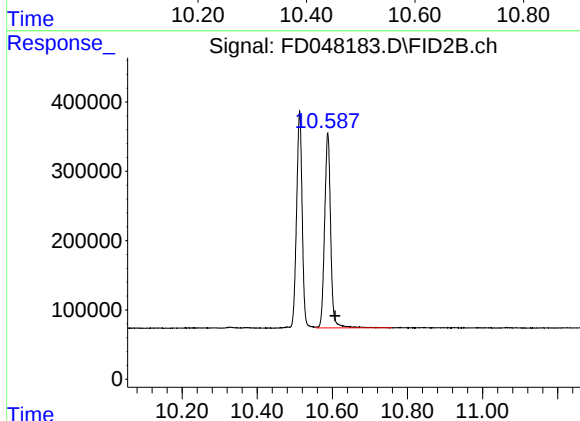
R.T.: 9.125 min
Delta R.T.: -0.017 min
Response: 3306457
Conc: 20.36 ug/ml



#9 Phenanthrene (C19.36)

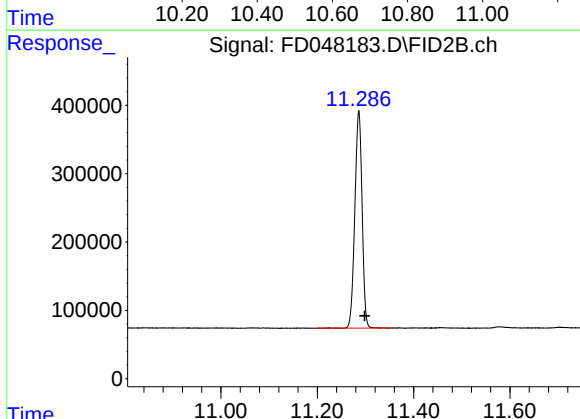
R.T.: 10.513 min
Delta R.T.: -0.016 min
Response: 3231684
Conc: 20.35 ug/ml

Instrument :
FID_D
ClientSampleId :



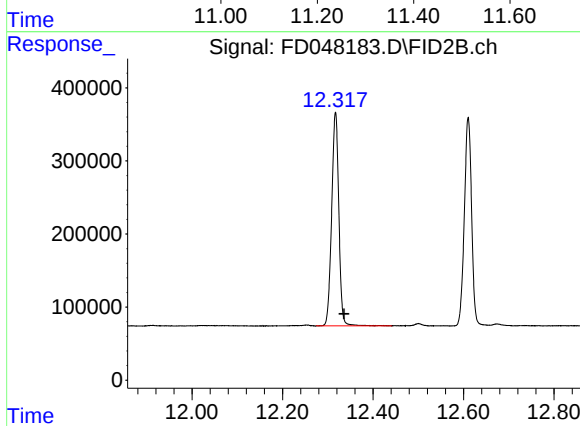
#10 Anthracene (C19.43)

R.T.: 10.588 min
Delta R.T.: -0.019 min
Response: 3137721
Conc: 19.87 ug/ml



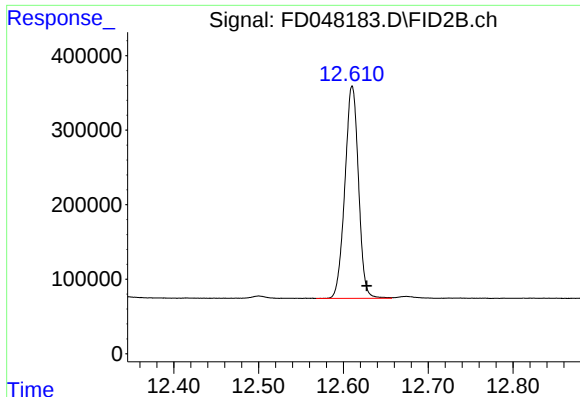
#11 ortho-Terphenyl (SURR)

R.T.: 11.286 min
Delta R.T.: -0.012 min
Response: 3338914
Conc: 19.96 ug/ml



#12 Fluoranthene (C21.85)

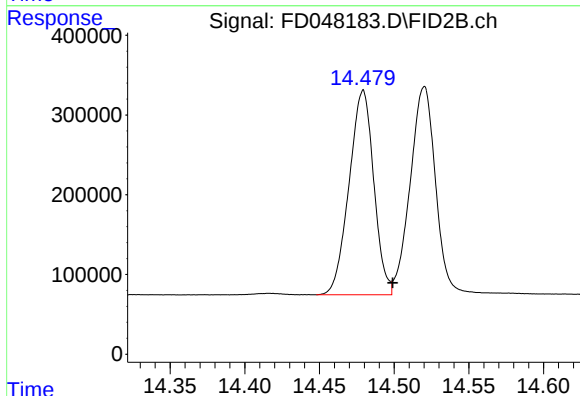
R.T.: 12.317 min
Delta R.T.: -0.019 min
Response: 3210529
Conc: 20.28 ug/ml



#13 Pyrene (C20.8)

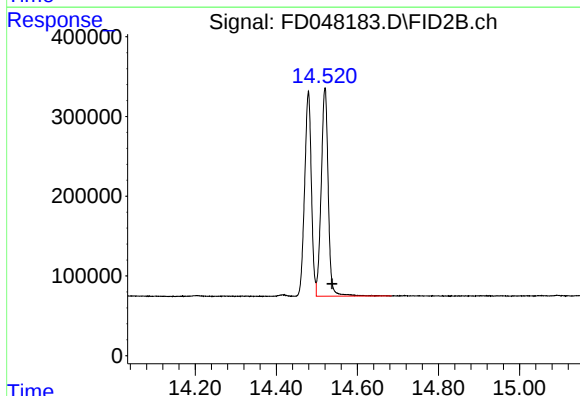
R.T.: 12.610 min
Delta R.T.: -0.017 min
Response: 3181055
Conc: 20.12 ug/ml

Instrument :
FID_D
ClientSampleId :



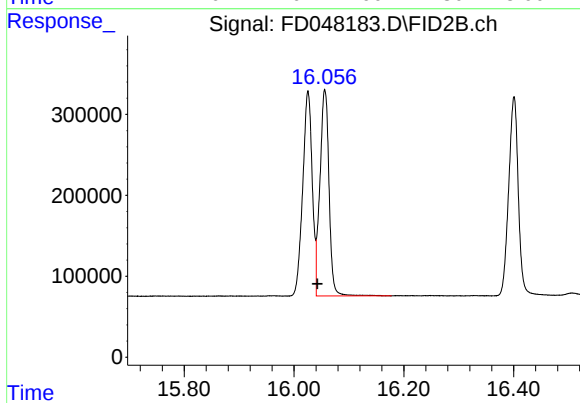
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.479 min
Delta R.T.: -0.020 min
Response: 2944726
Conc: 21.57 ug/ml



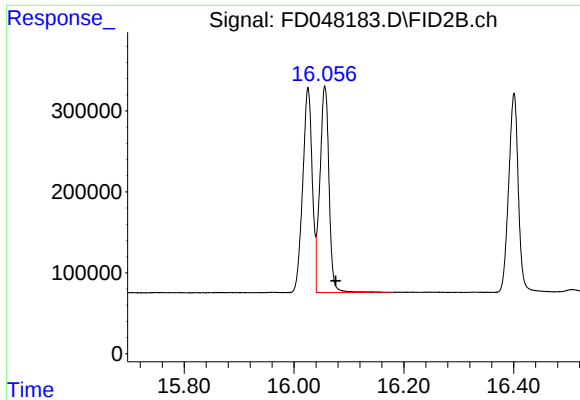
#15 Chrysene (C27.41)

R.T.: 14.520 min
Delta R.T.: -0.018 min
Response: 3148671
Conc: 19.53 ug/ml



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

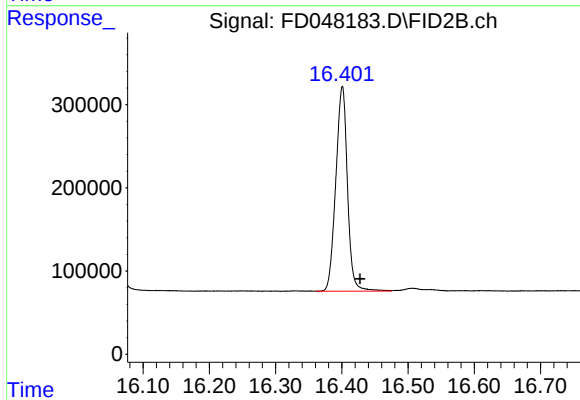
R.T.: 16.056 min
Delta R.T.: 0.014 min
Response: 2943287
Conc: 20.45 ug/ml



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

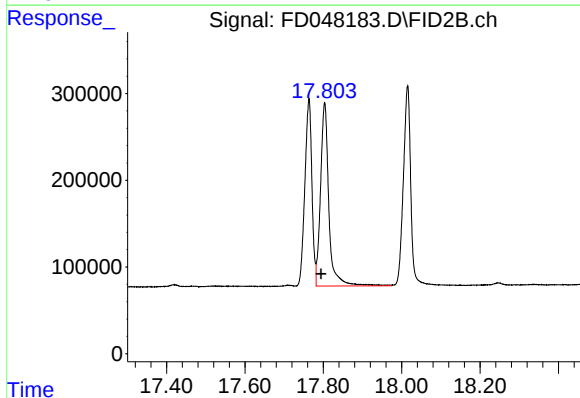
R.T.: 16.056 min
Delta R.T.: -0.020 min
Response: 2943287
Conc: 19.71 ug/ml

Instrument :
FID_D
ClientSampleId :



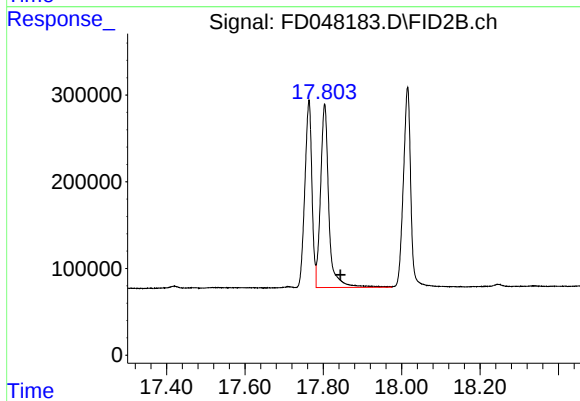
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.401 min
Delta R.T.: -0.027 min
Response: 3008978
Conc: 21.24 ug/ml



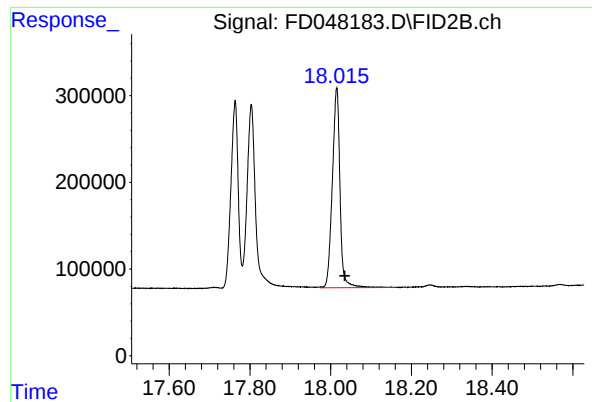
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.803 min
Delta R.T.: 0.009 min
Response: 3121371
Conc: 27.68 ug/ml



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

R.T.: 17.803 min
Delta R.T.: -0.040 min
Response: 3121371
Conc: 21.48 ug/ml



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

R.T.: 18.015 min
Delta R.T.: -0.020 min
Response: 3033913
Conc: 20.59 ug/ml

Instrument :

FID_D

ClientSampleId :