

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD083024AR\
 Data File : FD048251.D
 Signal(s) : FID2B.ch
 Acq On : 30 Aug 2024 07:18
 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 31 02:51:59 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 081324.M
 Quant Title : GC Extractables
 QLast Update : Mon Aug 12 16:16:10 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...	7.393	3139593	21.034 ug/ml
Spiked Amount 50.000		Recovery =	42.07%
6) S 2-Fluorobiphenyl (SURR)	8.243	2050251	21.420 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.84%
11) S ortho-Terphenyl (SURR)	11.279	3588328	21.303 ug/ml
Spiked Amount 50.000		Recovery =	42.61%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.214	3580683	21.006 ug/ml
2) T Naphthalene (C11.7)	5.733	3681499	21.128 ug/ml
3) T 2-Methylnaphthalene (...)	6.780	3665707	21.079 ug/ml
5) T Acenaphthylene (C15.06)	8.046	3610102	20.967 ug/ml
7) T Acenaphthene (C15.5)	8.340	3663259	21.156 ug/ml
8) T Flouorene (C16.55)	9.118	3506141	21.261 ug/ml
9) T Phenanthrene (C19.36)	10.505	3437223	21.477 ug/ml
10) T Anthracene (C19.43)	10.581	3093586	19.722 ug/ml
12) T Fluoranthene (C21.85)	12.308	3394874	21.323 ug/ml
13) T Pyrene (C20.8)	12.602	3392019	21.614 ug/ml
14) T Benzo[a]anthracene (C...	14.469	2973442	21.109 ug/ml
15) T Chrysene (C27.41)	14.511	3280798	20.582 ug/ml
16) T benzo[b]fluoranthene ...	16.015	3124944	21.048 ug/ml
17) T Bnezo[k]fluoranthene ...	16.047	2978835	20.080 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.391	3166505	21.501 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.753	2664486	21.798 ug/ml
20) T Dibenz[a,h]anthracene...	17.793	3375547	22.097 ug/ml
21) T Benzo[g,h,i]perylene ...	18.004	3039433	20.127 ug/ml

(f)=RT Delta > 1/2 Window

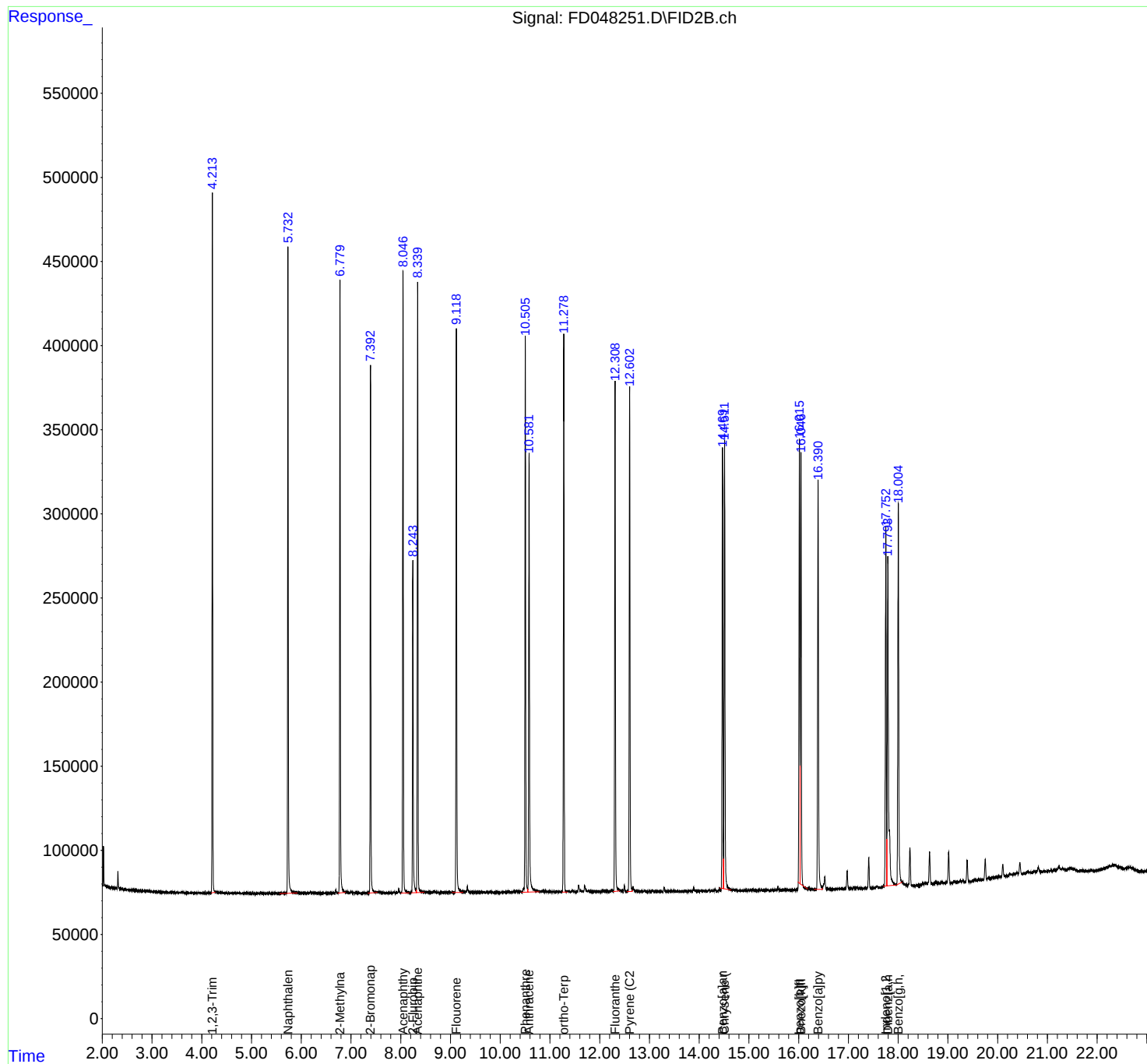
(m)=manual int.

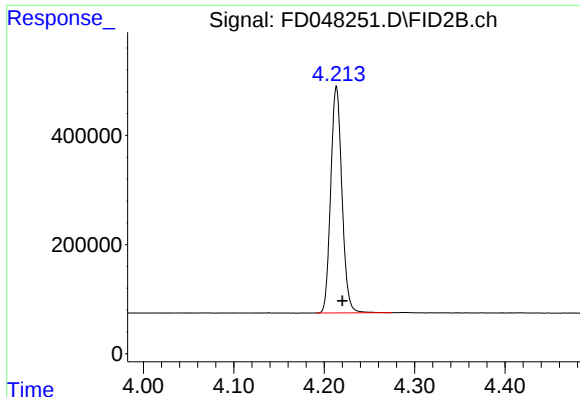
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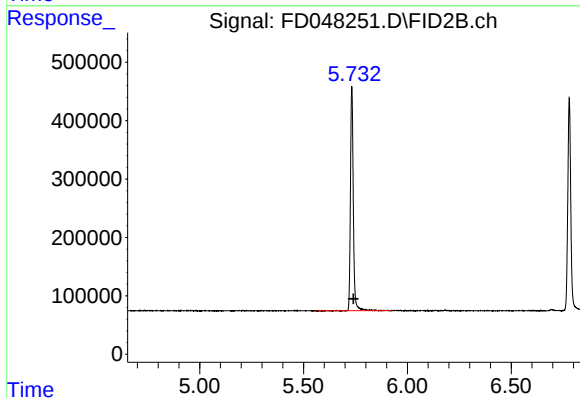




#1 1,2,3-Trimethylbenzene (C10.1)

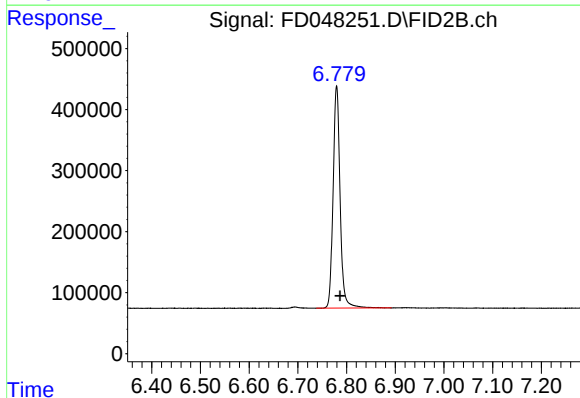
R.T.: 4.214 min
Delta R.T.: -0.006 min
Response: 3580683
Conc: 21.01 ug/ml

Instrument :
FID_D
ClientSampleId :



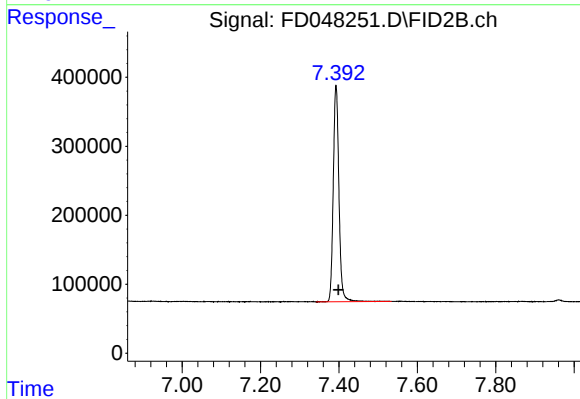
#2 Naphthalene (C11.7)

R.T.: 5.733 min
Delta R.T.: -0.008 min
Response: 3681499
Conc: 21.13 ug/ml



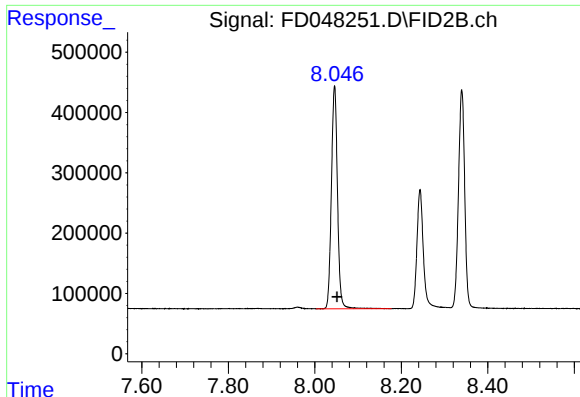
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.780 min
Delta R.T.: -0.007 min
Response: 3665707
Conc: 21.08 ug/ml



#4 2-Bromonaphthalene (SURR)

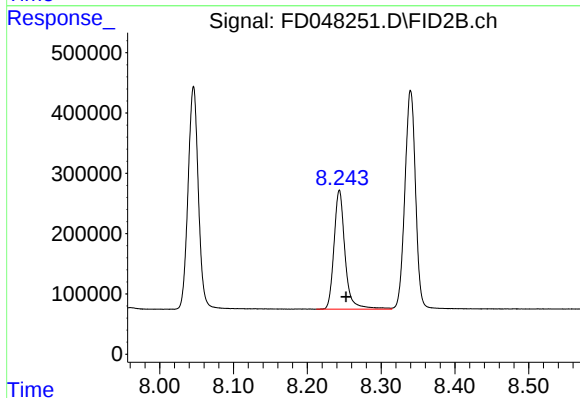
R.T.: 7.393 min
Delta R.T.: -0.006 min
Response: 3139593
Conc: 21.03 ug/ml



#5 Acenaphthylene (C15.06)

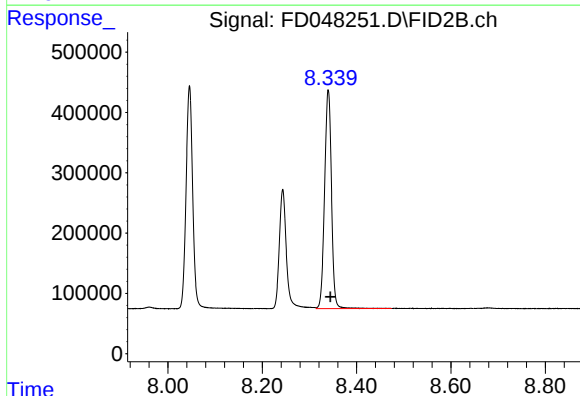
R.T.: 8.046 min
Delta R.T.: -0.006 min
Response: 3610102
Conc: 20.97 ug/ml

Instrument :
FID_D
ClientSampleId :



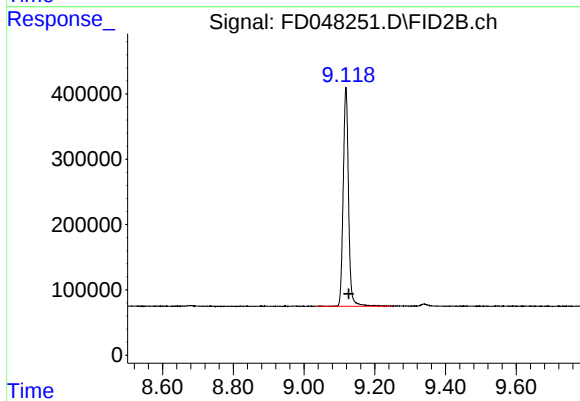
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.243 min
Delta R.T.: -0.009 min
Response: 2050251
Conc: 21.42 ug/ml



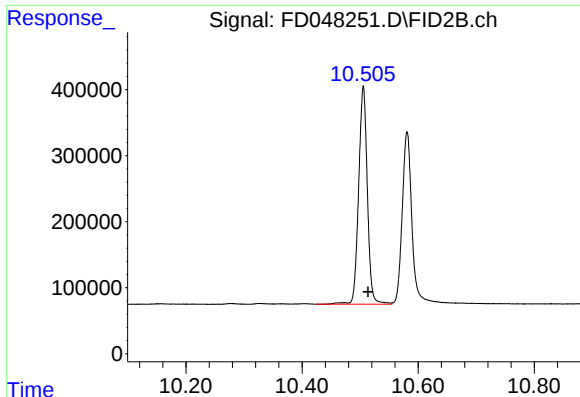
#7 Acenaphthene (C15.5)

R.T.: 8.340 min
Delta R.T.: -0.005 min
Response: 3663259
Conc: 21.16 ug/ml



#8 Fluorene (C16.55)

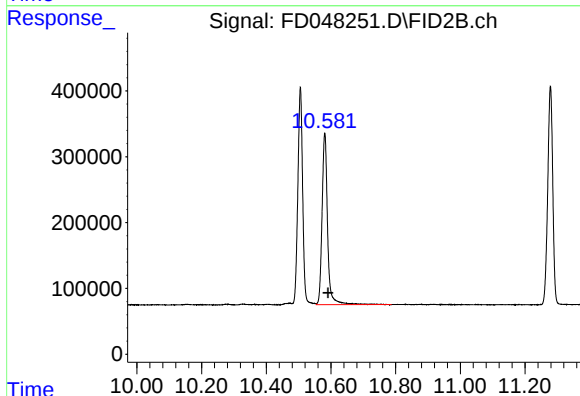
R.T.: 9.118 min
Delta R.T.: -0.008 min
Response: 3506141
Conc: 21.26 ug/ml



#9 Phenanthrene (C19.36)

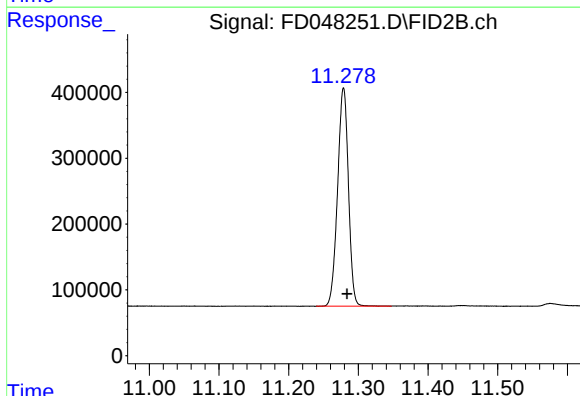
R.T.: 10.505 min
Delta R.T.: -0.008 min
Response: 3437223
Conc: 21.48 ug/ml

Instrument :
FID_D
ClientSampleId :



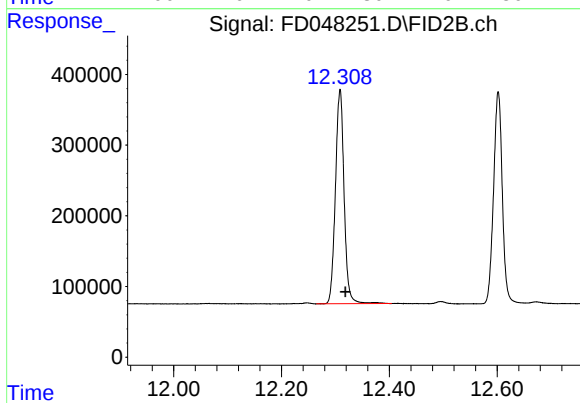
#10 Anthracene (C19.43)

R.T.: 10.581 min
Delta R.T.: -0.010 min
Response: 3093586
Conc: 19.72 ug/ml



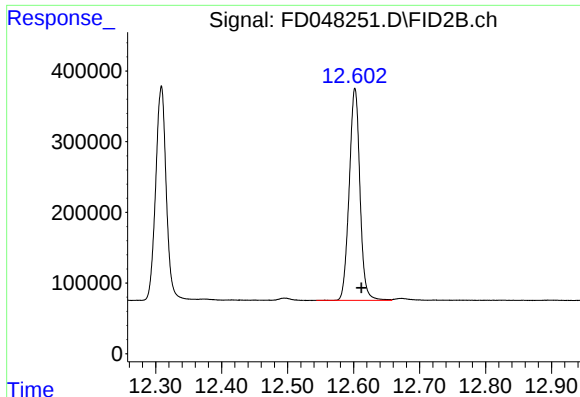
#11 ortho-Terphenyl (SURR)

R.T.: 11.279 min
Delta R.T.: -0.005 min
Response: 3588328
Conc: 21.30 ug/ml



#12 Fluoranthene (C21.85)

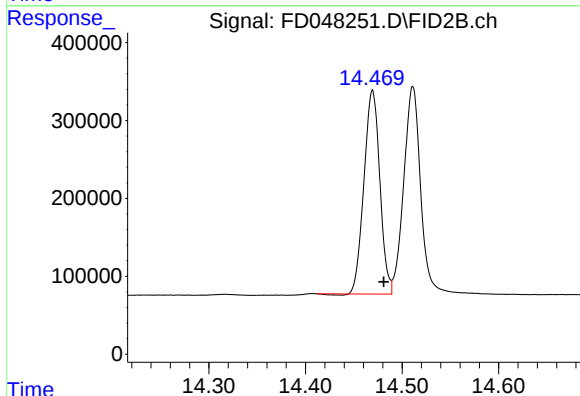
R.T.: 12.308 min
Delta R.T.: -0.010 min
Response: 3394874
Conc: 21.32 ug/ml



#13 Pyrene (C20.8)

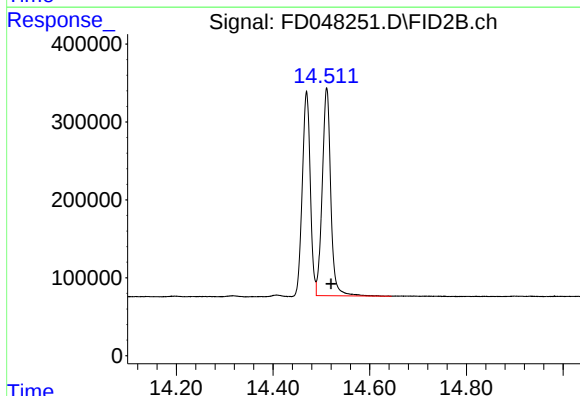
R.T.: 12.602 min
Delta R.T.: -0.010 min
Response: 3392019
Conc: 21.61 ug/ml

Instrument :
FID_D
ClientSampleId :



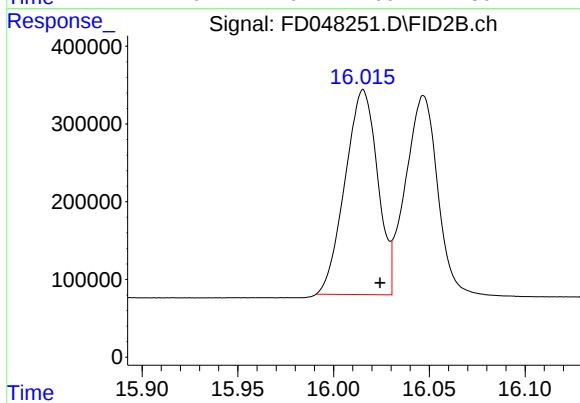
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.469 min
Delta R.T.: -0.012 min
Response: 2973442
Conc: 21.11 ug/ml



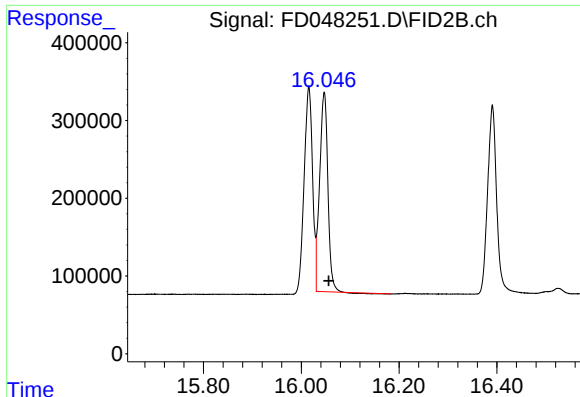
#15 Chrysene (C27.41)

R.T.: 14.511 min
Delta R.T.: -0.009 min
Response: 3280798
Conc: 20.58 ug/ml



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

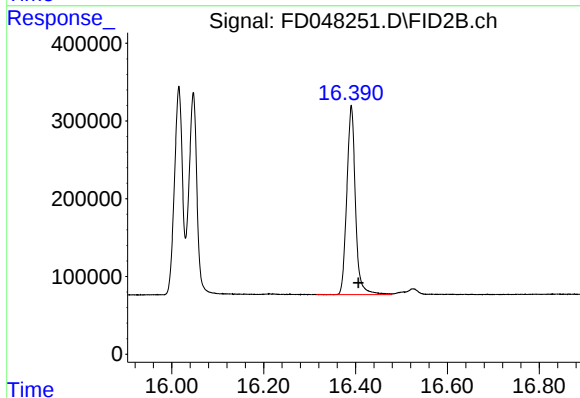
R.T.: 16.015 min
Delta R.T.: -0.009 min
Response: 3124944
Conc: 21.05 ug/ml



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

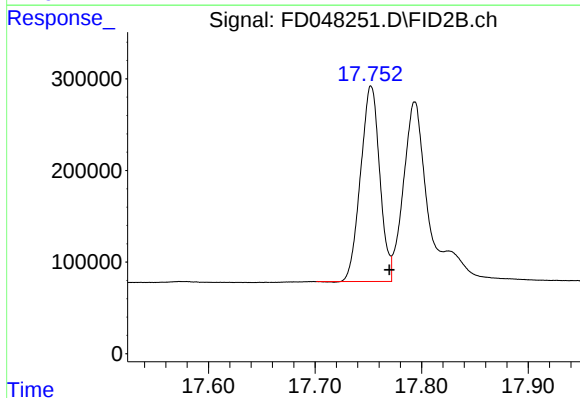
R.T.: 16.047 min
Delta R.T.: -0.009 min
Response: 2978835
Conc: 20.08 ug/ml

Instrument :
FID_D
ClientSampleId :



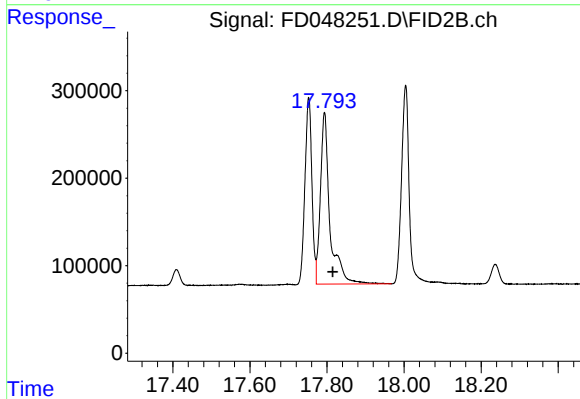
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.391 min
Delta R.T.: -0.015 min
Response: 3166505
Conc: 21.50 ug/ml



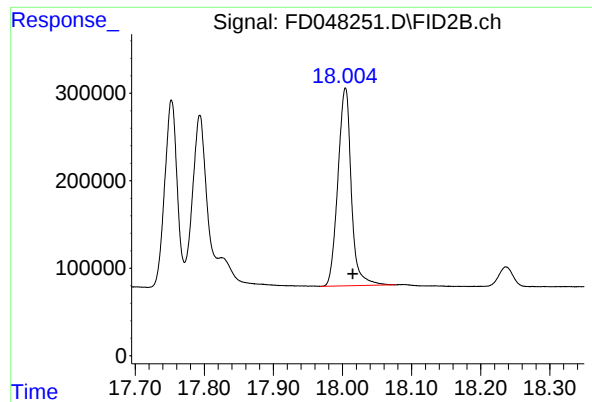
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.753 min
Delta R.T.: -0.017 min
Response: 2664486
Conc: 21.80 ug/ml



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

R.T.: 17.793 min
Delta R.T.: -0.021 min
Response: 3375547
Conc: 22.10 ug/ml



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

R.T.: 18.004 min
Delta R.T.: -0.011 min
Response: 3039433
Conc: 20.13 ug/ml

Instrument :

FID_D

ClientSampleId :