

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD123124AR\
 Data File : FD048925.D
 Signal(s) : FID2B.ch
 Acq On : 31 Dec 2024 13:27
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 31 14:04:53 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 123124.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 31 12:22:13 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...	7.359	3294474	20.708 ug/ml
Spiked Amount 50.000		Recovery =	41.42%
6) S 2-Fluorobiphenyl (SURR)	8.210	2108445	21.560 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	43.12%
11) S ortho-Terphenyl (SURR)	11.242	3803693	20.726 ug/ml
Spiked Amount 50.000		Recovery =	41.45%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.182	3621383	21.005 ug/ml
2) T Naphthalene (C11.7)	5.700	3799739	20.923 ug/ml
3) T 2-Methylnaphthalene (...)	6.746	3850669	20.888 ug/ml
5) T Acenaphthylene (C15.06)	8.011	3815365	20.739 ug/ml
7) T Acenaphthene (C15.5)	8.304	3907470	20.591 ug/ml
8) T Flouorene (C16.55)	9.084	3742387	20.994 ug/ml
9) T Phenanthrene (C19.36)	10.471	3693872	21.064 ug/ml
10) T Anthracene (C19.43)	10.548	3525316	20.777 ug/ml
12) T Fluoranthene (C21.85)	12.276	3782365	20.929 ug/ml
13) T Pyrene (C20.8)	12.568	3667206	20.399 ug/ml
14) T Benzo[a]anthracene (C...	14.439	3390488	21.520 ug/ml
15) T Chrysene (C27.41)	14.481	3867135	20.019 ug/ml
16) T benzo[b]fluoranthene ...	15.987	3516968	21.269 ug/ml
17) T Bnezo[k]fluoranthene ...	16.018	3588319	19.807 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.364	3475929	20.862 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.768	3859508	29.005 ug/ml
20) T Dibenz[a,h]anthracene...	17.768	3859508	20.928 ug/ml
21) T Benzo[g,h,i]perylene ...	17.978	3452999	20.682 ug/ml

(f)=RT Delta > 1/2 Window

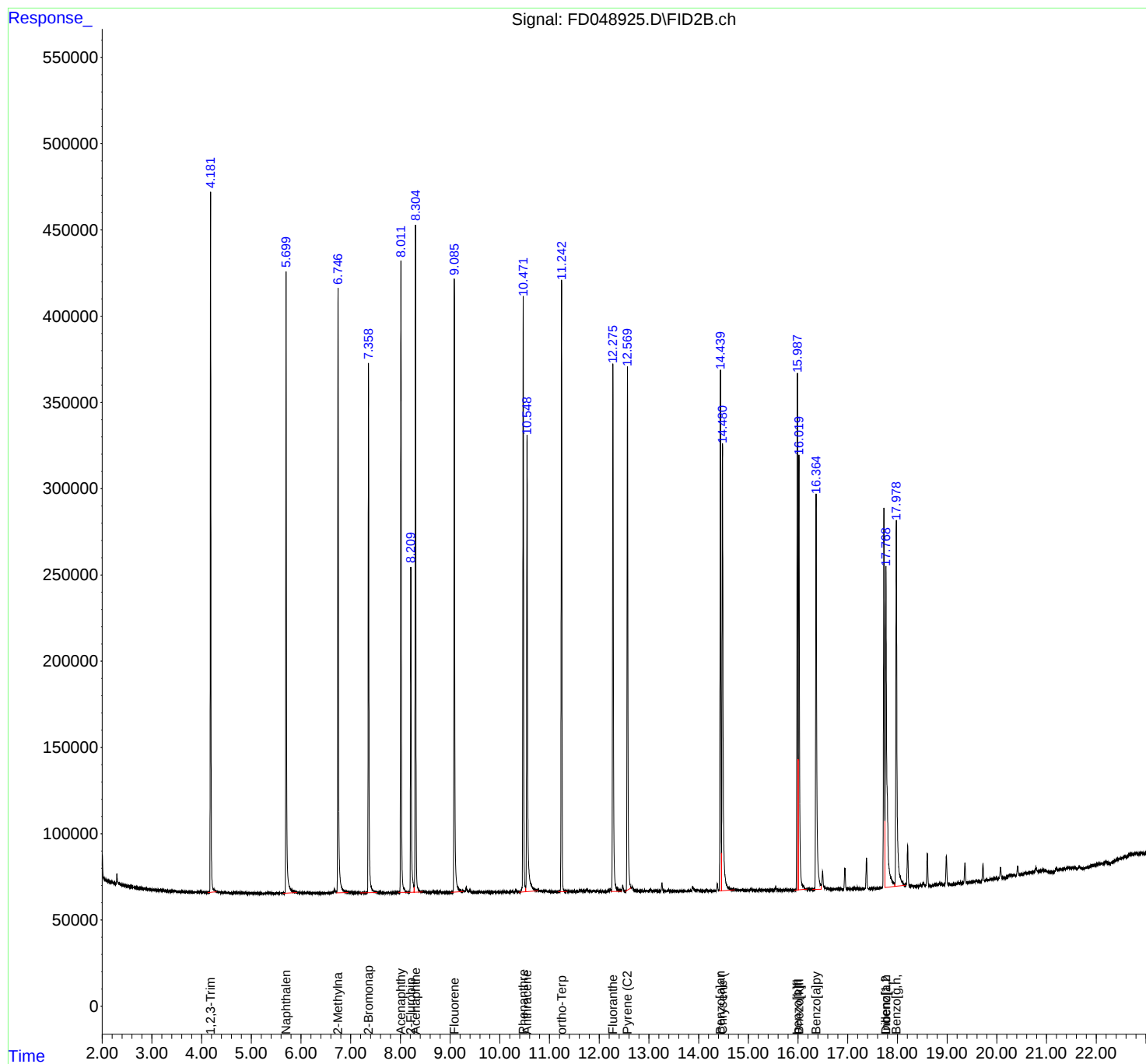
(m)=manual int.

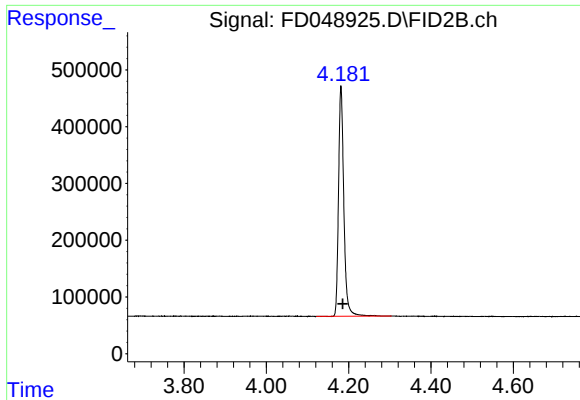
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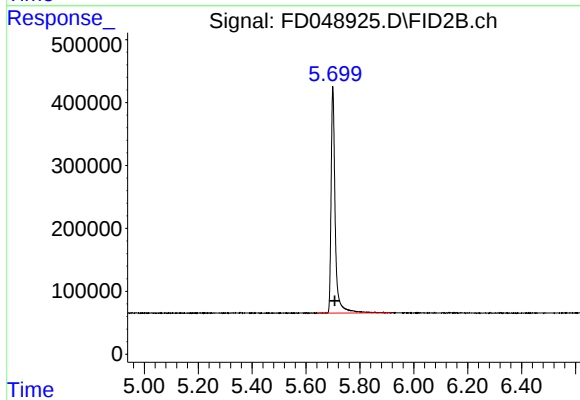




#1 1,2,3-Trimethylbenzene (C10.1)

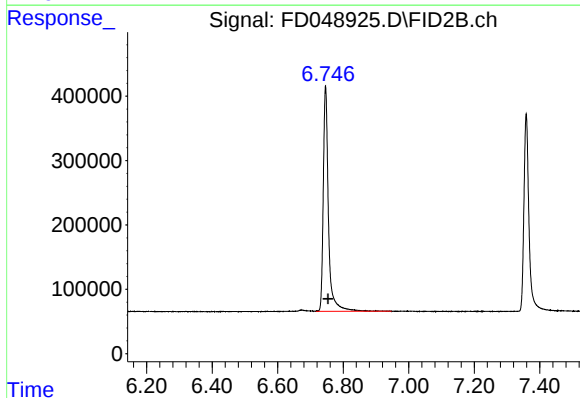
R.T.: 4.182 min
Delta R.T.: -0.004 min
Response: 3621383
Conc: 21.00 ug/ml

Instrument :
FID_D
ClientSampleId :



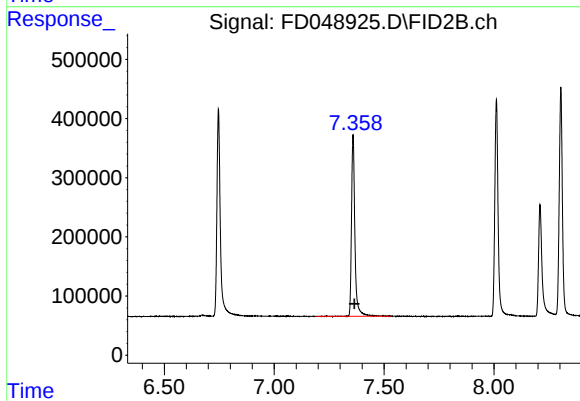
#2 Naphthalene (C11.7)

R.T.: 5.700 min
Delta R.T.: -0.007 min
Response: 3799739
Conc: 20.92 ug/ml



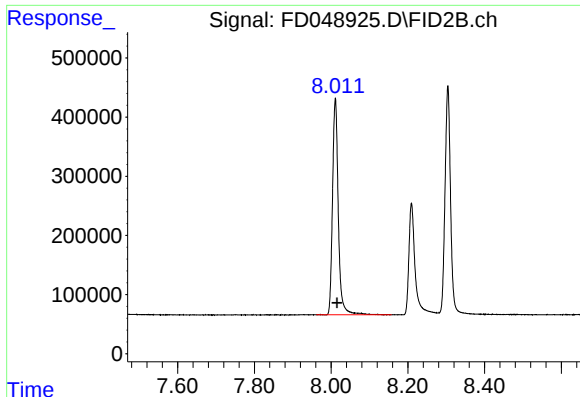
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.746 min
Delta R.T.: -0.007 min
Response: 3850669
Conc: 20.89 ug/ml



#4 2-Bromonaphthalene (SURR)

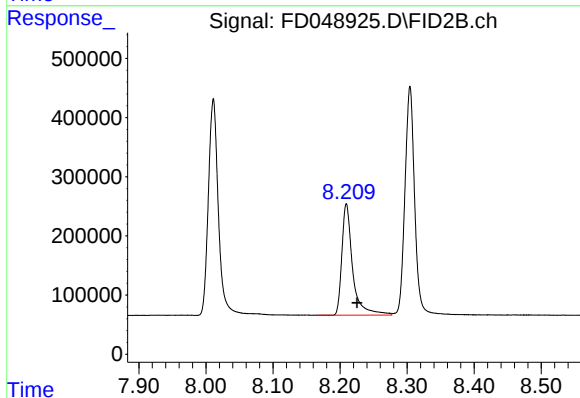
R.T.: 7.359 min
Delta R.T.: -0.007 min
Response: 3294474
Conc: 20.71 ug/ml



#5 Acenaphthylene (C15.06)

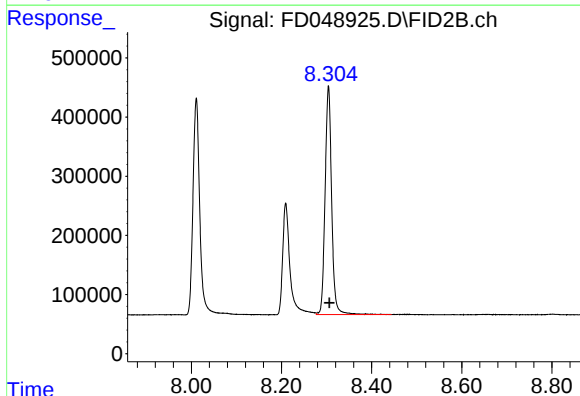
R.T.: 8.011 min
Delta R.T.: -0.005 min
Response: 3815365
Conc: 20.74 ug/ml

Instrument :
FID_D
ClientSampleId :



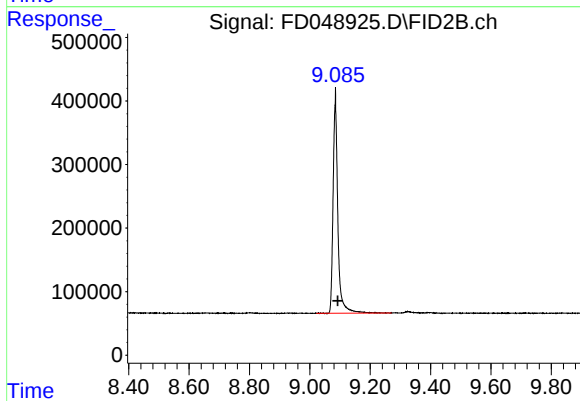
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.210 min
Delta R.T.: -0.016 min
Response: 2108445
Conc: 21.56 ug/ml



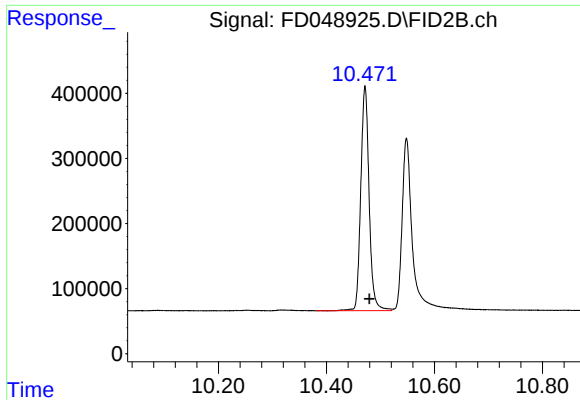
#7 Acenaphthene (C15.5)

R.T.: 8.304 min
Delta R.T.: -0.002 min
Response: 3907470
Conc: 20.59 ug/ml



#8 Flouorene (C16.55)

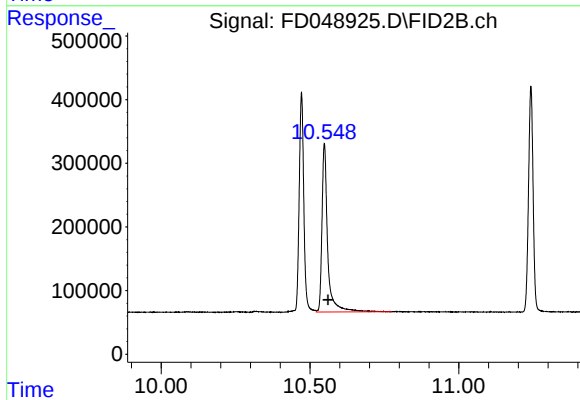
R.T.: 9.084 min
Delta R.T.: -0.008 min
Response: 3742387
Conc: 20.99 ug/ml



#9 Phenanthrene (C19.36)

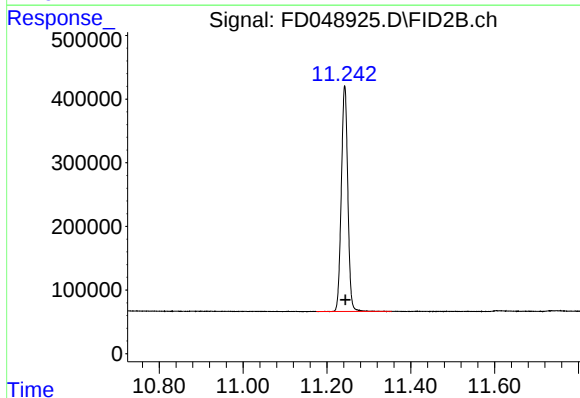
R.T.: 10.471 min
Delta R.T.: -0.008 min
Response: 3693872
Conc: 21.06 ug/ml

Instrument :
FID_D
ClientSampleId :



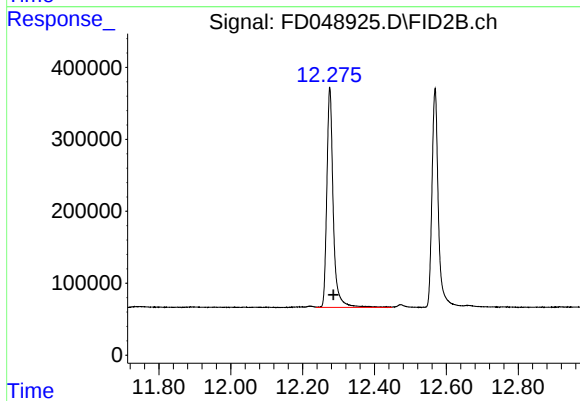
#10 Anthracene (C19.43)

R.T.: 10.548 min
Delta R.T.: -0.012 min
Response: 3525316
Conc: 20.78 ug/ml



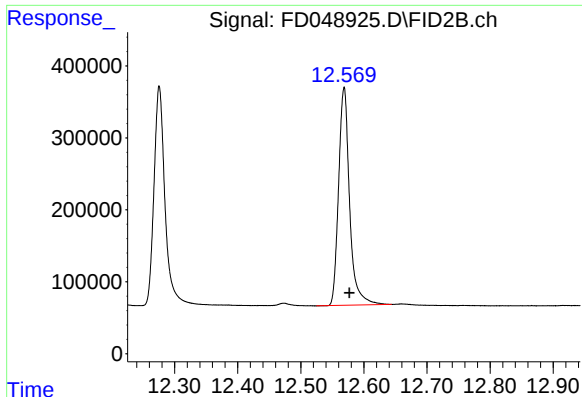
#11 ortho-Terphenyl (SURR)

R.T.: 11.242 min
Delta R.T.: -0.001 min
Response: 3803693
Conc: 20.73 ug/ml



#12 Fluoranthene (C21.85)

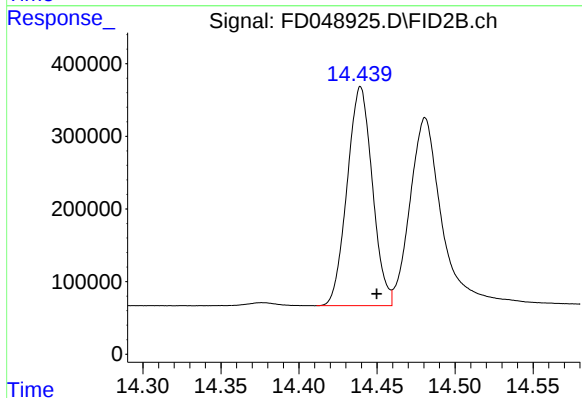
R.T.: 12.276 min
Delta R.T.: -0.010 min
Response: 3782365
Conc: 20.93 ug/ml



#13 Pyrene (C20.8)

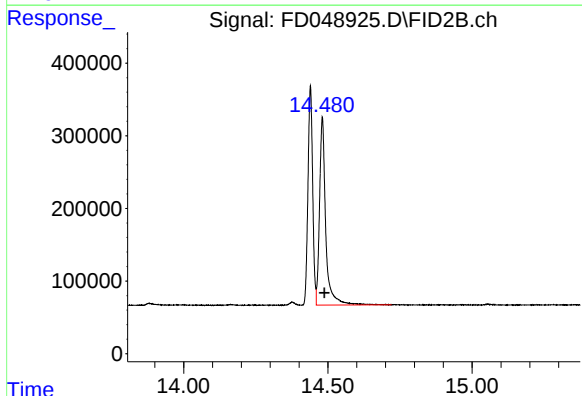
R.T.: 12.568 min
Delta R.T.: -0.009 min
Response: 3667206
Conc: 20.40 ug/ml

Instrument :
FID_D
ClientSampleId :



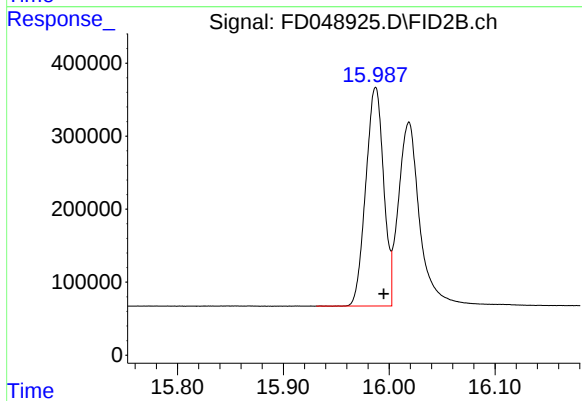
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.439 min
Delta R.T.: -0.011 min
Response: 3390488
Conc: 21.52 ug/ml



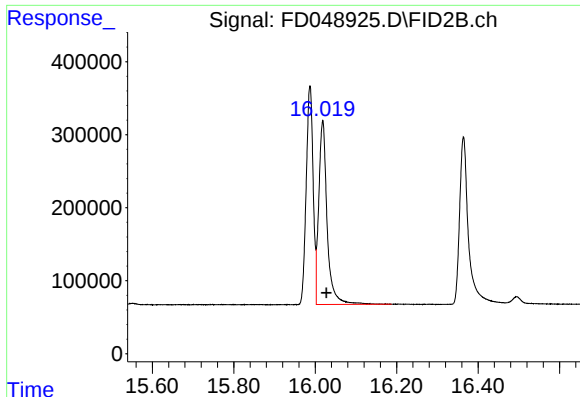
#15 Chrysene (C27.41)

R.T.: 14.481 min
Delta R.T.: -0.007 min
Response: 3867135
Conc: 20.02 ug/ml



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

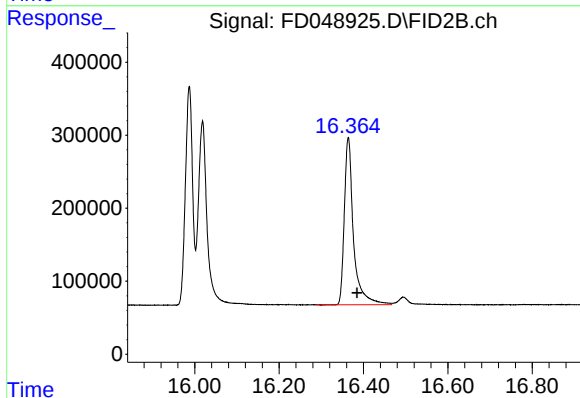
R.T.: 15.987 min
Delta R.T.: -0.008 min
Response: 3516968
Conc: 21.27 ug/ml



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

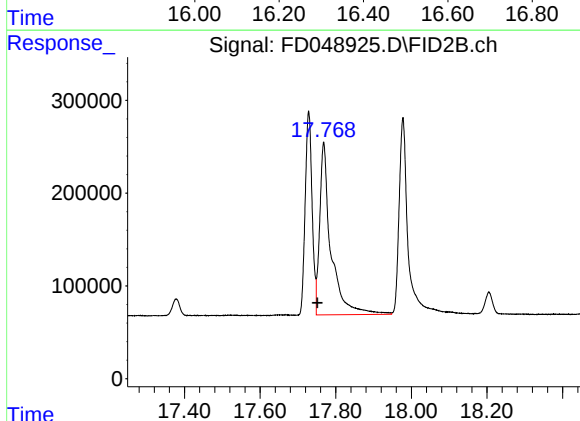
R.T.: 16.018 min
Delta R.T.: -0.009 min
Response: 3588319
Conc: 19.81 ug/ml

Instrument :
FID_D
ClientSampleId :



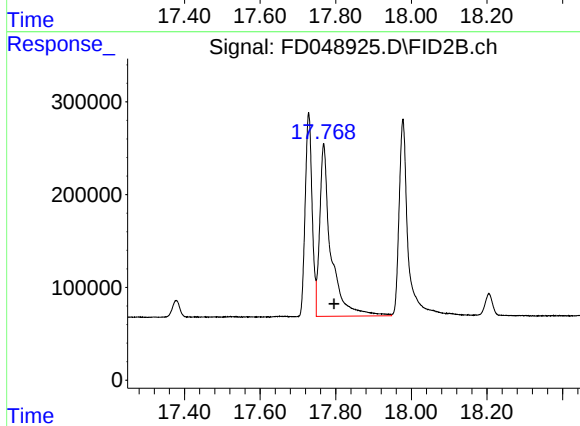
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.364 min
Delta R.T.: -0.021 min
Response: 3475929
Conc: 20.86 ug/ml



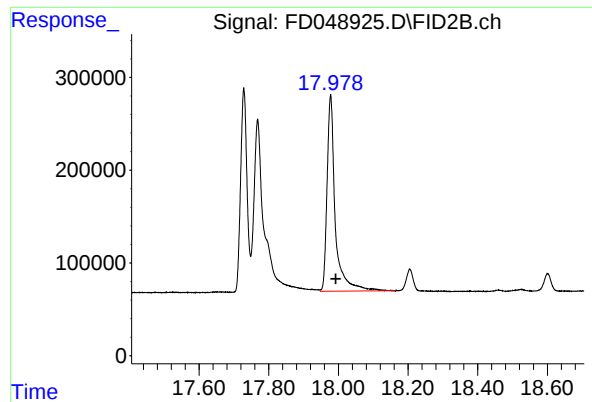
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.768 min
Delta R.T.: 0.016 min
Response: 3859508
Conc: 29.00 ug/ml



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

R.T.: 17.768 min
Delta R.T.: -0.028 min
Response: 3859508
Conc: 20.93 ug/ml



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

R.T.: 17.978 min
Delta R.T.: -0.014 min
Response: 3452999
Conc: 20.68 ug/ml

Instrument :

FID_D

ClientSampleId :