

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050223AR\
 Data File : FD045550.D
 Signal(s) : FID2B.ch
 Acq On : 02 May 2023 08:45
 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: May 02 12:51:35 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042123.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 24 08:37:21 2023
 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...	7.545	3415348	23.623 ug/ml
Spiked Amount 50.000		Recovery =	47.25%
6) S 2-Fluorobiphenyl (SURR)	8.400	2212150	23.723 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	47.45%
11) S ortho-Terphenyl (SURR)	11.441	4342178	24.262 ug/ml
Spiked Amount 50.000		Recovery =	48.52%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.352	3953719	23.597 ug/ml
2) T Naphthalene (C11.7)	5.884	4040596	23.609 ug/ml
3) T 2-Methylnaphthalene (...)	6.933	3990920	23.589 ug/ml
5) T Acenaphthylene (C15.06)	8.204	3637434	24.044 ug/ml
7) T Acenaphthene (C15.5)	8.500	3879954	23.931 ug/ml
8) T Flouorene (C16.55)	9.279	3655341	23.731 ug/ml
9) T Phenanthrene (C19.36)	10.670	3551570	23.809 ug/ml
10) T Anthracene (C19.43)	10.743	3279088	25.385 ug/ml
12) T Fluoranthene (C21.85)	12.473	3505624	23.819 ug/ml
13) T Pyrene (C20.8)	12.769	3455911	24.091 ug/ml
14) T Benzo[a]anthracene (C...	14.633	3009366	22.964 ug/ml
15) T Chrysene (C27.41)	14.675	3172189	23.238 ug/ml
16) T benzo[b]fluoranthene ...	16.175	3105617	23.259 ug/ml
17) T Bnezo[k]fluoranthene ...	16.208	3024251	22.608 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.551	2901080	22.672 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.907	2575413	20.502 ug/ml
20) T Dibenz[a,h]anthracene...	17.949	2388356	17.532 ug/ml
21) T Benzo[g,h,i]perylene ...	18.161	2894815	22.096 ug/ml

(f)=RT Delta > 1/2 Window

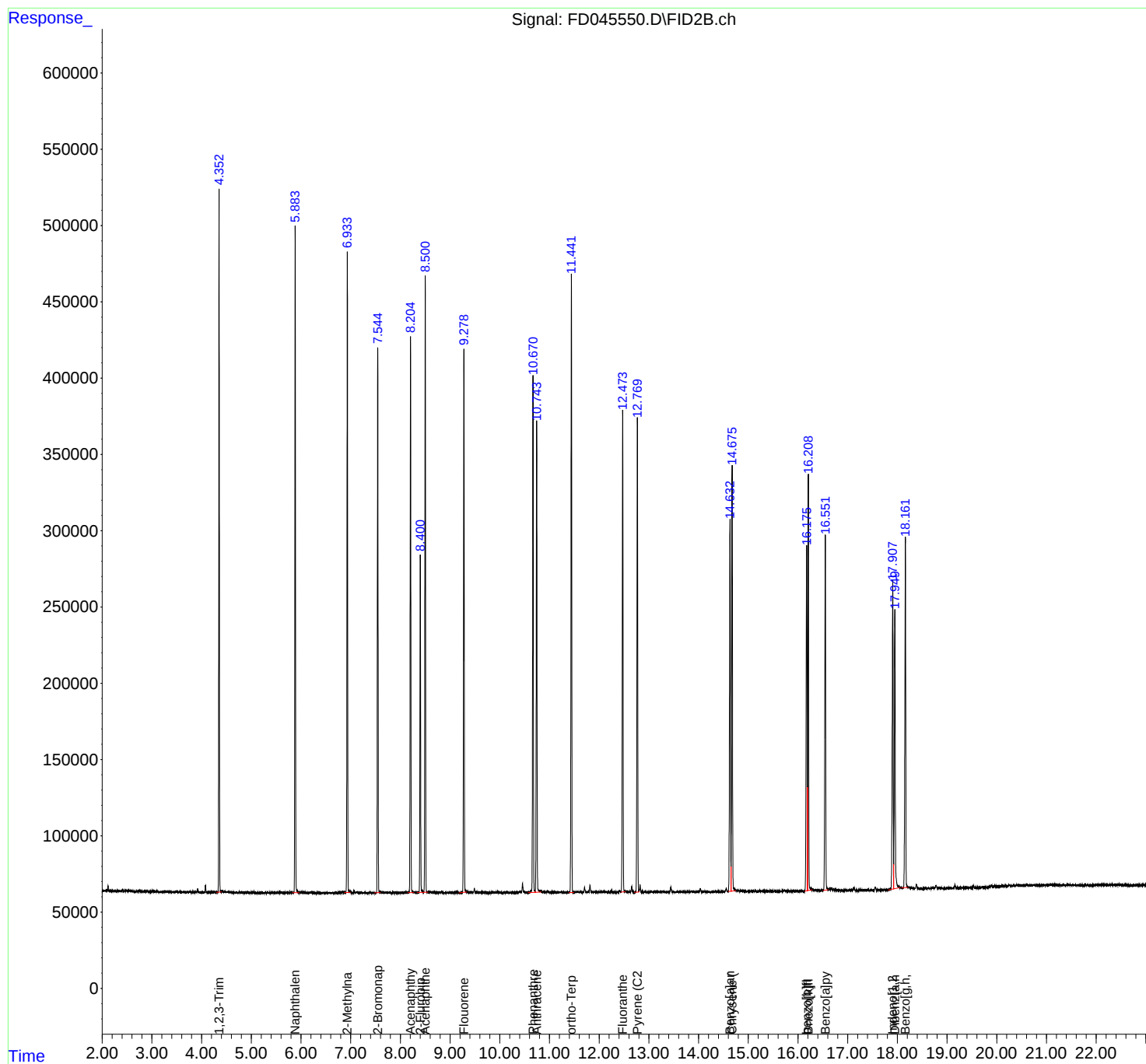
(m)=manual int.

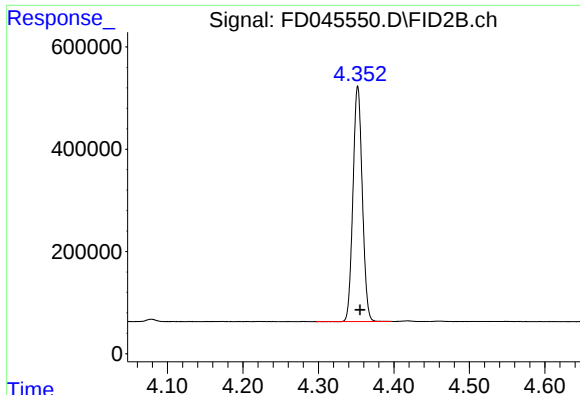
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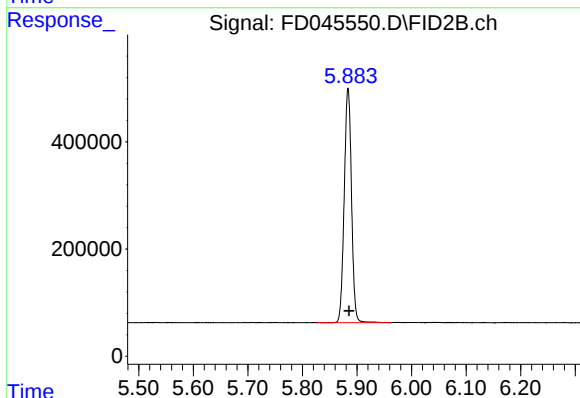




#1 1,2,3-Trimethylbenzene (C10.1)

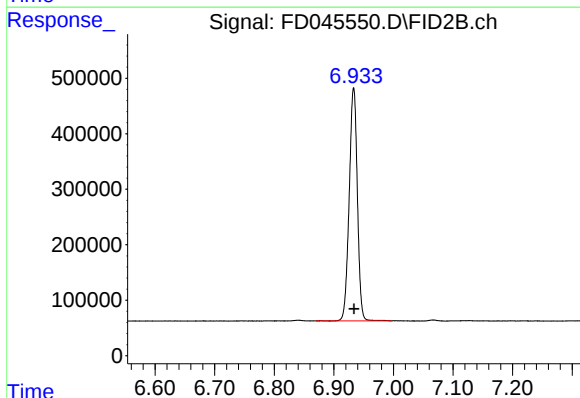
R.T.: 4.352 min
Delta R.T.: -0.003 min
Response: 3953719
Conc: 23.60 ug/ml

Instrument :
FID_D
ClientSampleId :



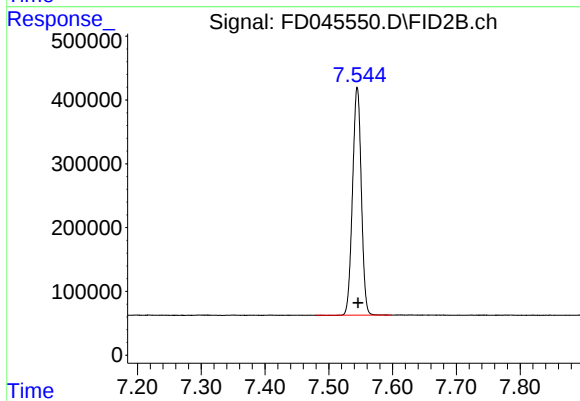
#2 Naphthalene (C11.7)

R.T.: 5.884 min
Delta R.T.: -0.002 min
Response: 4040596
Conc: 23.61 ug/ml



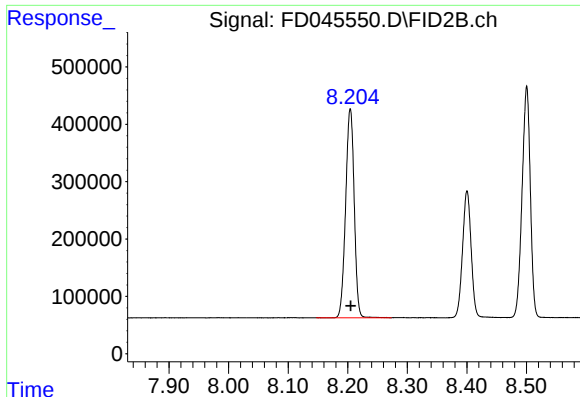
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.933 min
Delta R.T.: 0.000 min
Response: 3990920
Conc: 23.59 ug/ml



#4 2-Bromonaphthalene (SURR)

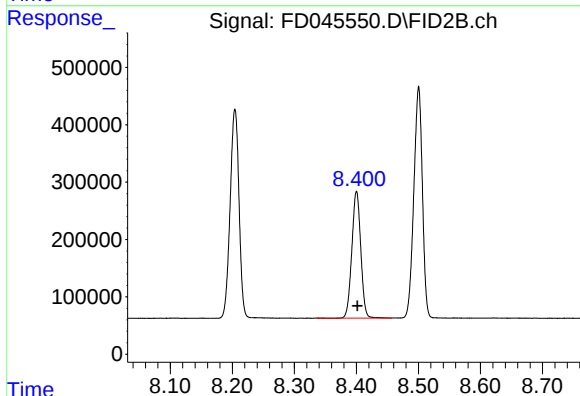
R.T.: 7.545 min
Delta R.T.: -0.002 min
Response: 3415348
Conc: 23.62 ug/ml



#5 Acenaphthylene (C15.06)

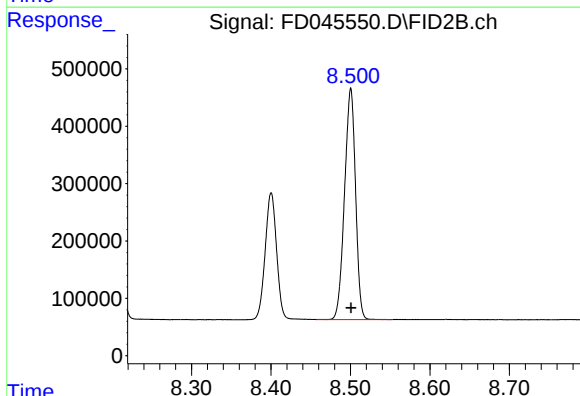
R.T.: 8.204 min
Delta R.T.: 0.000 min
Response: 3637434
Conc: 24.04 ug/ml

Instrument :
FID_D
ClientSampleId :



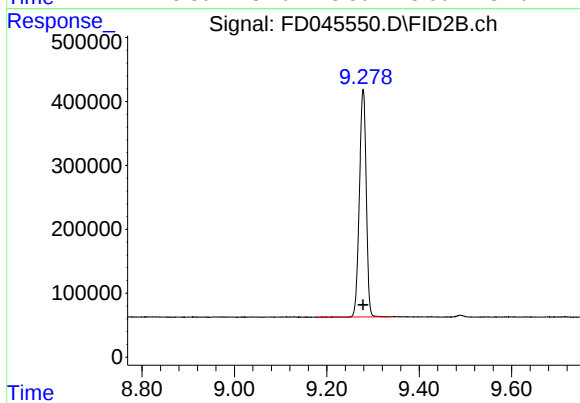
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.400 min
Delta R.T.: -0.001 min
Response: 2212150
Conc: 23.72 ug/ml



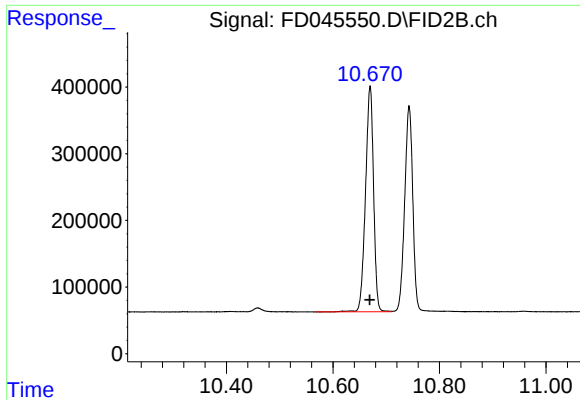
#7 Acenaphthene (C15.5)

R.T.: 8.500 min
Delta R.T.: 0.000 min
Response: 3879954
Conc: 23.93 ug/ml



#8 Fluorene (C16.55)

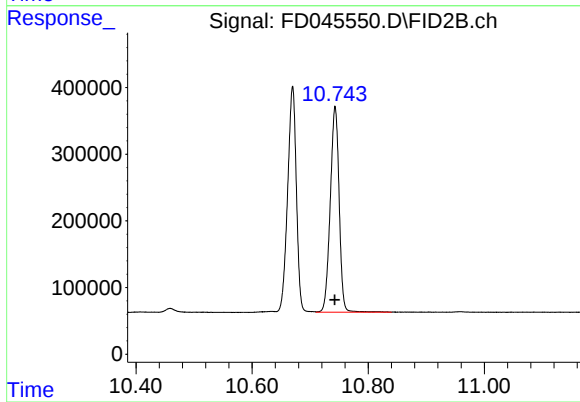
R.T.: 9.279 min
Delta R.T.: 0.000 min
Response: 3655341
Conc: 23.73 ug/ml



#9 Phenanthrene (C19.36)

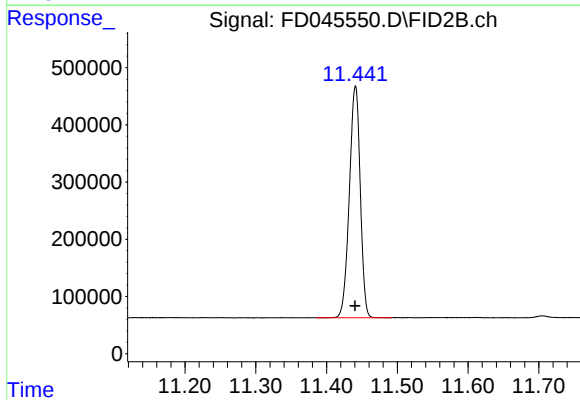
R.T.: 10.670 min
Delta R.T.: 0.000 min
Response: 3551570
Conc: 23.81 ug/ml

Instrument :
FID_D
ClientSampleId :



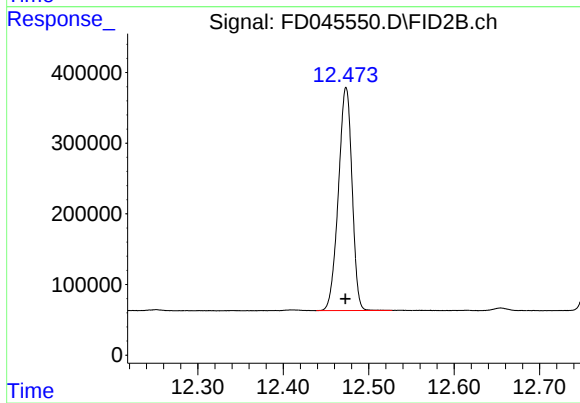
#10 Anthracene (C19.43)

R.T.: 10.743 min
Delta R.T.: 0.000 min
Response: 3279088
Conc: 25.39 ug/ml



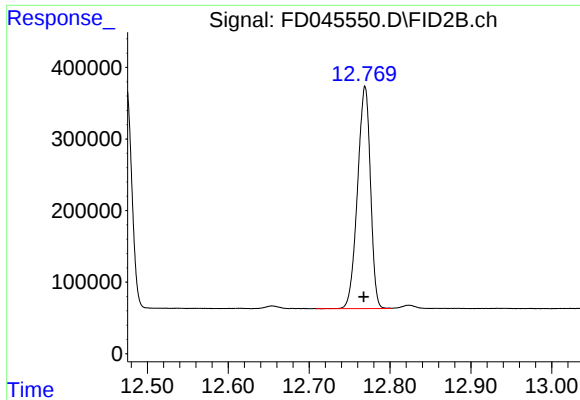
#11 ortho-Terphenyl (SURR)

R.T.: 11.441 min
Delta R.T.: 0.000 min
Response: 4342178
Conc: 24.26 ug/ml



#12 Fluoranthene (C21.85)

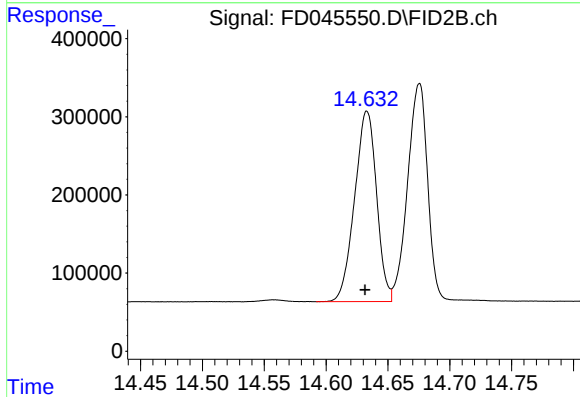
R.T.: 12.473 min
Delta R.T.: 0.000 min
Response: 3505624
Conc: 23.82 ug/ml



#13 Pyrene (C20.8)

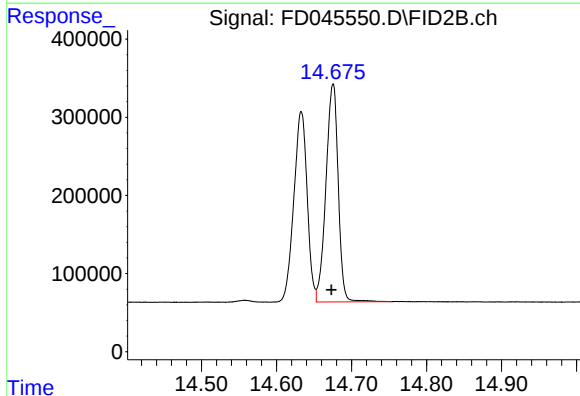
R.T.: 12.769 min
Delta R.T.: 0.001 min
Response: 3455911
Conc: 24.09 ug/ml

Instrument :
FID_D
ClientSampleId :



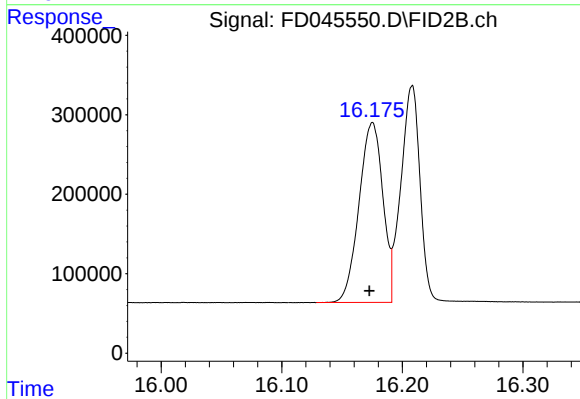
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.633 min
Delta R.T.: 0.002 min
Response: 3009366
Conc: 22.96 ug/ml



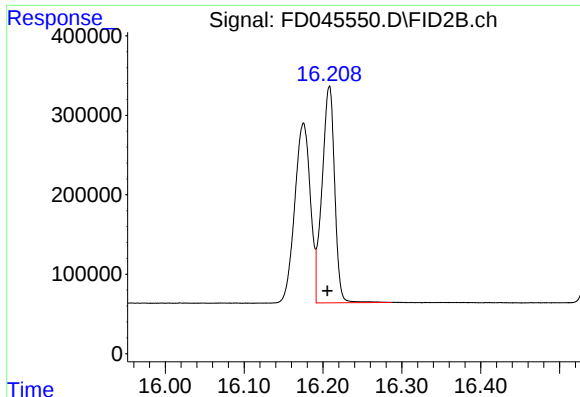
#15 Chrysene (C27.41)

R.T.: 14.675 min
Delta R.T.: 0.002 min
Response: 3172189
Conc: 23.24 ug/ml



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

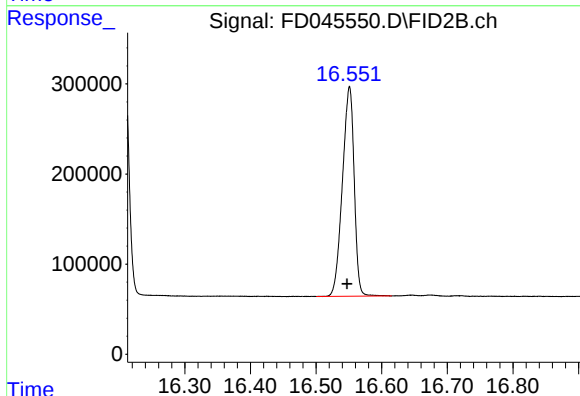
R.T.: 16.175 min
Delta R.T.: 0.002 min
Response: 3105617
Conc: 23.26 ug/ml



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

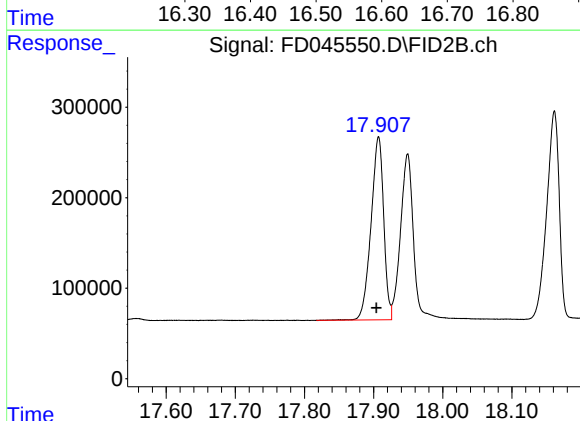
R.T.: 16.208 min
Delta R.T.: 0.002 min
Response: 3024251
Conc: 22.61 ug/ml

Instrument :
FID_D
ClientSampleId :



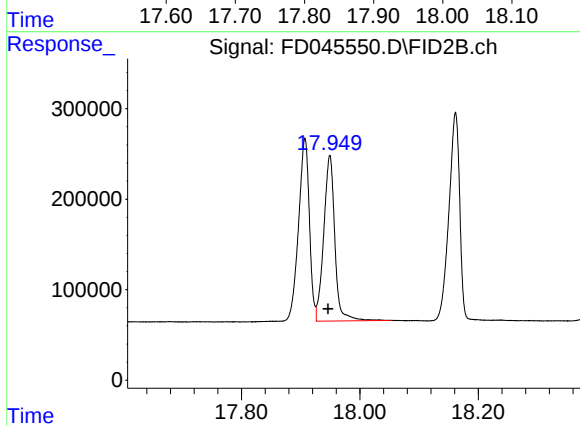
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.551 min
Delta R.T.: 0.003 min
Response: 2901080
Conc: 22.67 ug/ml



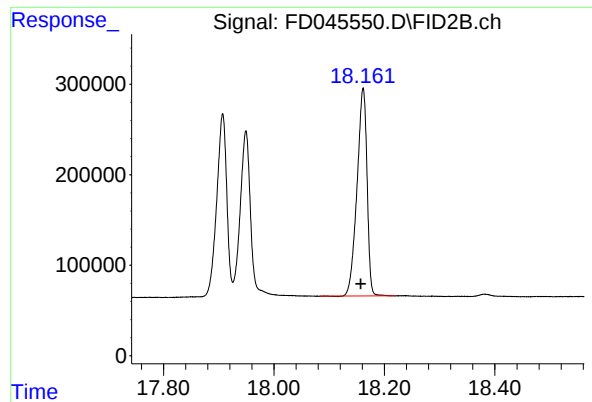
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.907 min
Delta R.T.: 0.003 min
Response: 2575413
Conc: 20.50 ug/ml



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

R.T.: 17.949 min
Delta R.T.: 0.003 min
Response: 2388356
Conc: 17.53 ug/ml



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

R.T.: 18.161 min
Delta R.T.: 0.004 min
Response: 2894815
Conc: 22.10 ug/ml

Instrument :

FID_D

ClientSampleId :