

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050323AR\
 Data File : FD045566.D
 Signal(s) : FID2B.ch
 Acq On : 03 May 2023 14:59
 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: May 04 04:08:10 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...	7.543	3144784	21.752 ug/ml
Spiked Amount 50.000		Recovery =	43.50%
6) S 2-Fluorobiphenyl (SURR)	8.399	2016968	21.630 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	43.26%
11) S ortho-Terphenyl (SURR)	11.439	3895653	21.767 ug/ml
Spiked Amount 50.000		Recovery =	43.53%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.349	3674552	21.931 ug/ml
2) T Naphthalene (C11.7)	5.881	3741570	21.862 ug/ml
3) T 2-Methylnaphthalene (...)	6.932	3687018	21.793 ug/ml
5) T Acenaphthylene (C15.06)	8.203	3322662	21.964 ug/ml
7) T Acenaphthene (C15.5)	8.498	3551236	21.904 ug/ml
8) T Fluorene (C16.55)	9.277	3331104	21.626 ug/ml
9) T Phenanthrene (C19.36)	10.668	3208193	21.507 ug/ml
10) T Anthracene (C19.43)	10.741	2865784	22.185 ug/ml
12) T Fluoranthene (C21.85)	12.473	3166507	21.515 ug/ml
13) T Pyrene (C20.8)	12.767	3076022	21.443 ug/ml
14) T Benzo[a]anthracene (C...	14.633	2794581	21.325 ug/ml
15) T Chrysene (C27.41)	14.675	2890977	21.178 ug/ml
16) T benzo[b]fluoranthene ...	16.175	2892760	21.664 ug/ml
17) T Bnezo[k]fluoranthene ...	16.207	2890743	21.610 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.550	2786898	21.780 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.907	2664251	21.209 ug/ml
20) T Dibenz[a,h]anthracene...	17.949	2736587	20.088 ug/ml
21) T Benzo[g,h,i]perylene ...	18.159	2768775	21.134 ug/ml

(f)=RT Delta > 1/2 Window

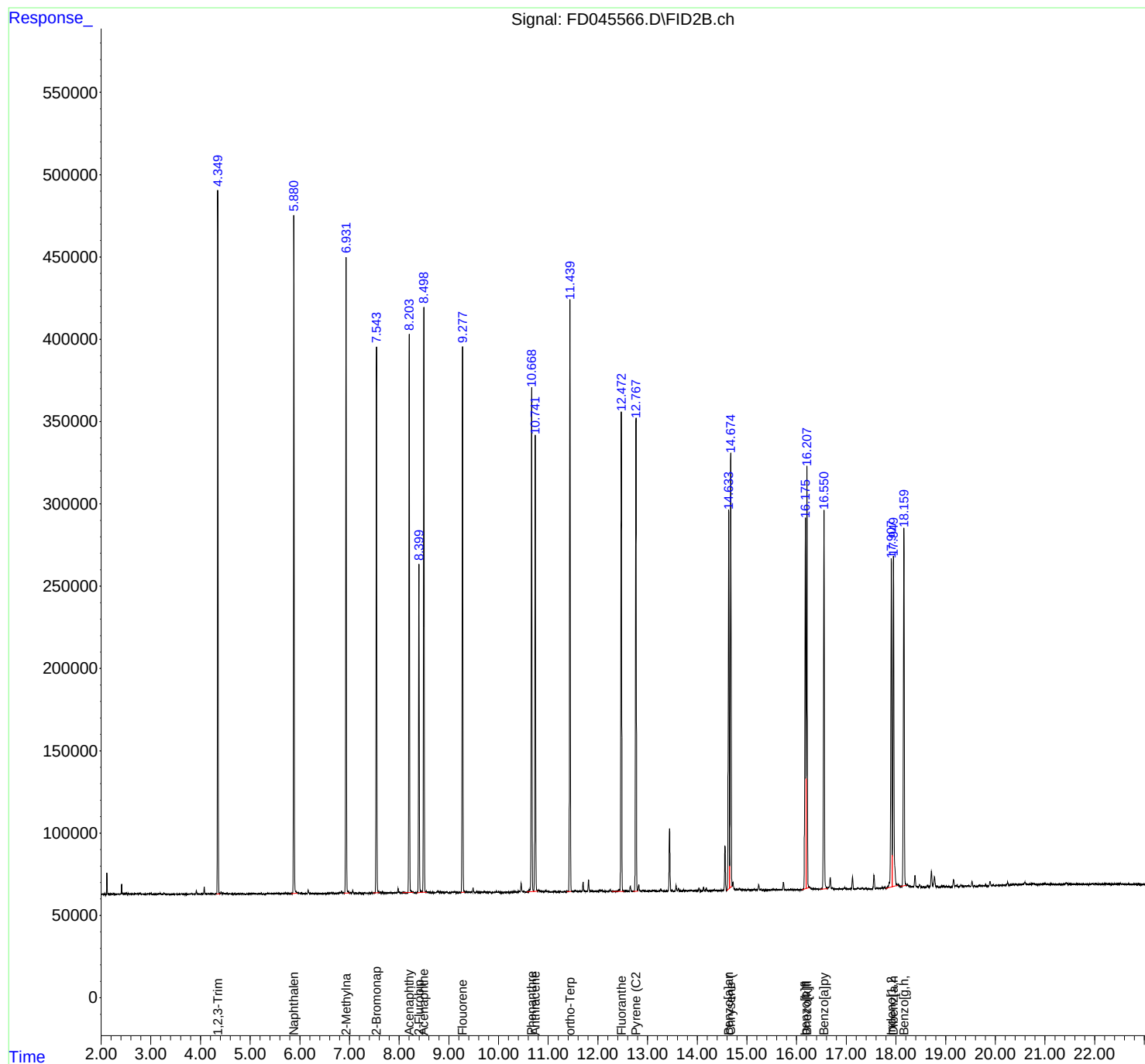
(m)=manual int.

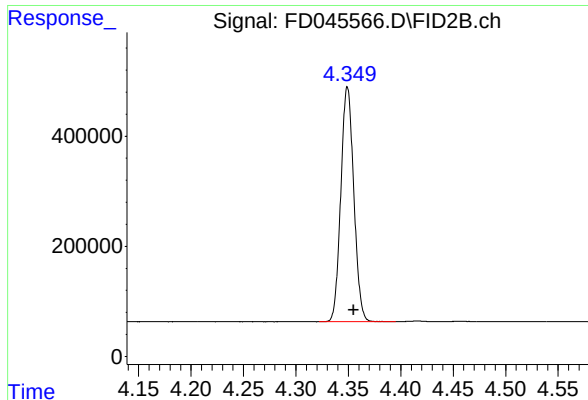
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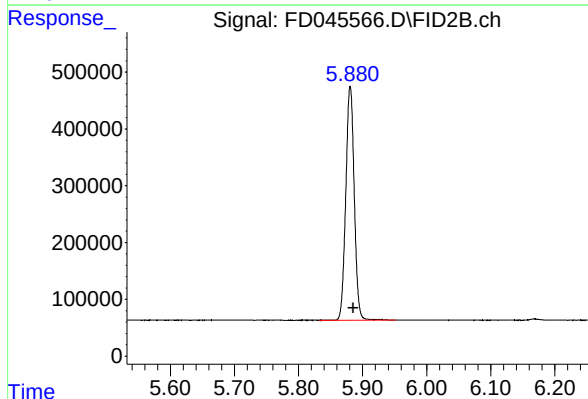




#1 1,2,3-Trimethylbenzene (C10.1)

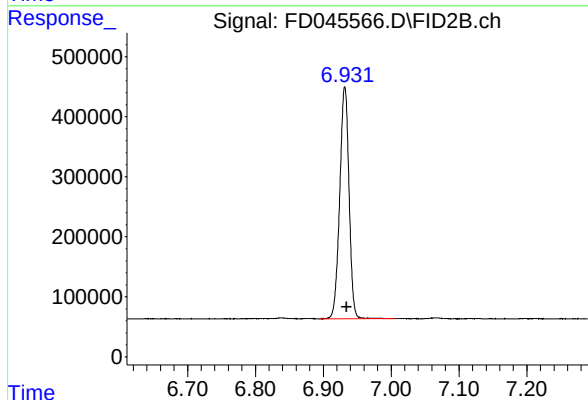
R.T.: 4.349 min
Delta R.T.: -0.006 min
Response: 3674552
Conc: 21.93 ug/ml

Instrument :
FID_D
ClientSampleId :



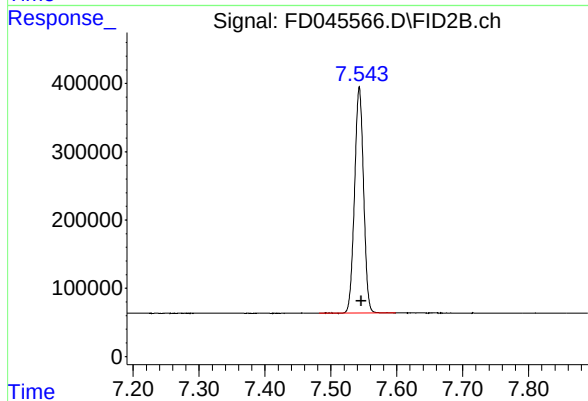
#2 Naphthalene (C11.7)

R.T.: 5.881 min
Delta R.T.: -0.005 min
Response: 3741570
Conc: 21.86 ug/ml



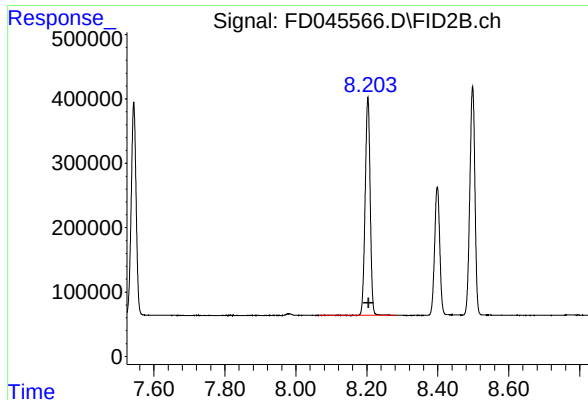
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.932 min
Delta R.T.: -0.003 min
Response: 3687018
Conc: 21.79 ug/ml



#4 2-Bromonaphthalene (SURR)

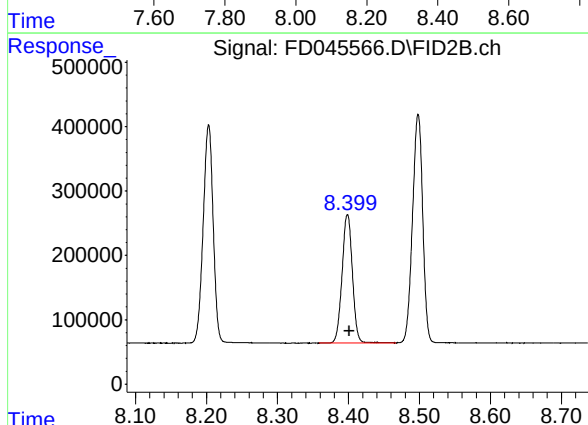
R.T.: 7.543 min
Delta R.T.: -0.003 min
Response: 3144784
Conc: 21.75 ug/ml



#5 Acenaphthylene (C15.06)

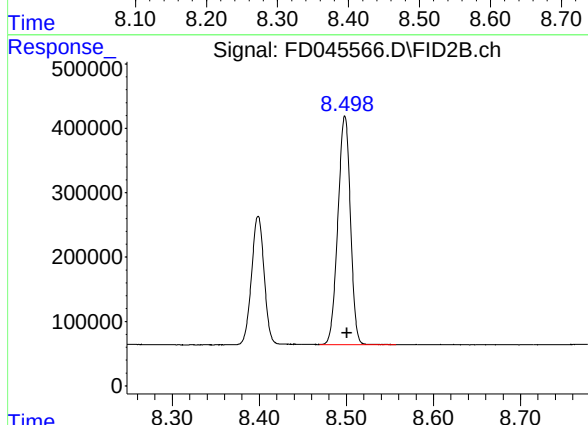
R.T.: 8.203 min
Delta R.T.: -0.002 min
Response: 3322662
Conc: 21.96 ug/ml

Instrument :
FID_D
ClientSampleId :



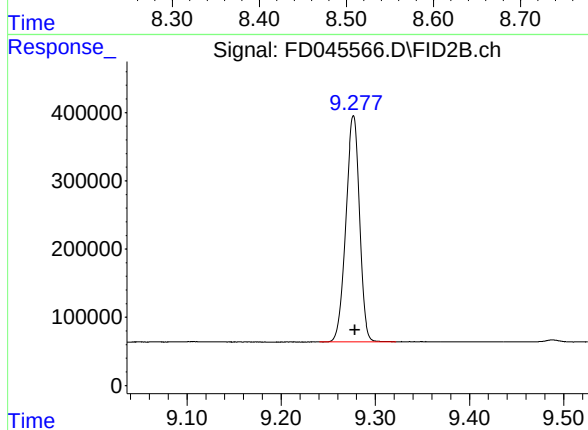
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.399 min
Delta R.T.: -0.003 min
Response: 2016968
Conc: 21.63 ug/ml



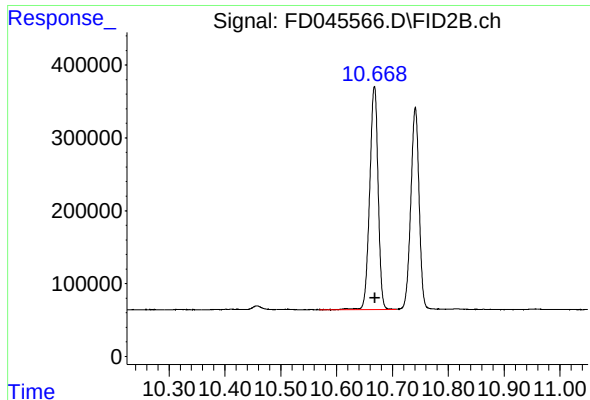
#7 Acenaphthene (C15.5)

R.T.: 8.498 min
Delta R.T.: -0.003 min
Response: 3551236
Conc: 21.90 ug/ml



#8 Fluorene (C16.55)

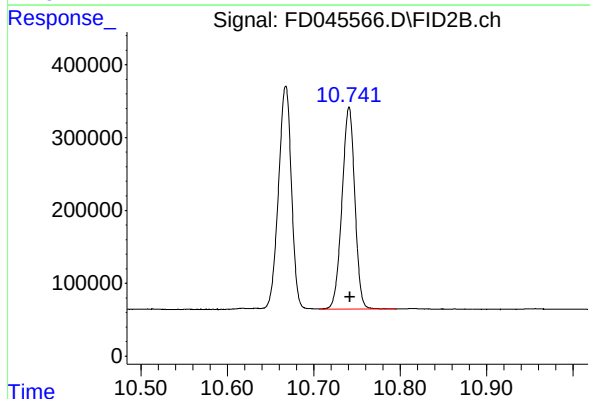
R.T.: 9.277 min
Delta R.T.: -0.002 min
Response: 3331104
Conc: 21.63 ug/ml



#9 Phenanthrene (C19.36)

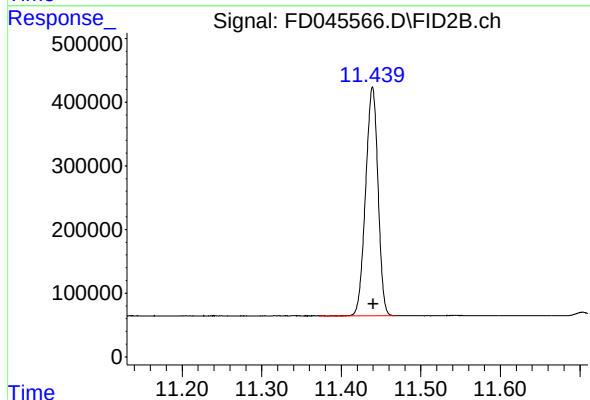
R.T.: 10.668 min
Delta R.T.: -0.002 min
Response: 3208193
Conc: 21.51 ug/ml

Instrument :
FID_D
ClientSampleId :



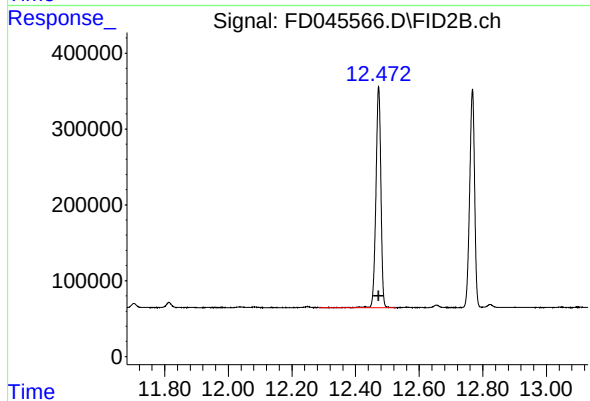
#10 Anthracene (C19.43)

R.T.: 10.741 min
Delta R.T.: -0.001 min
Response: 2865784
Conc: 22.19 ug/ml



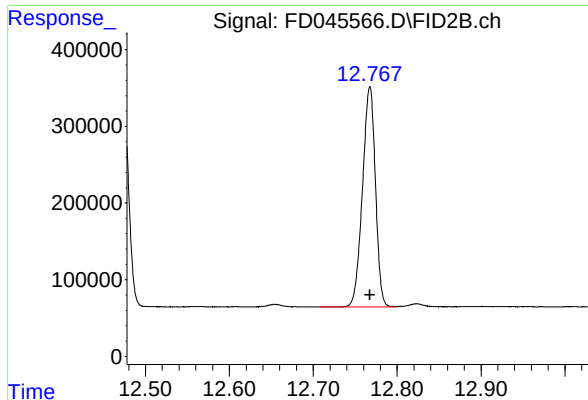
#11 ortho-Terphenyl (SURR)

R.T.: 11.439 min
Delta R.T.: -0.001 min
Response: 3895653
Conc: 21.77 ug/ml



#12 Fluoranthene (C21.85)

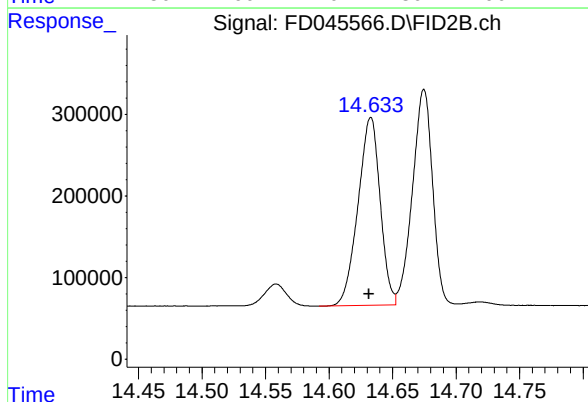
R.T.: 12.473 min
Delta R.T.: 0.000 min
Response: 3166507
Conc: 21.52 ug/ml



#13 Pyrene (C20.8)

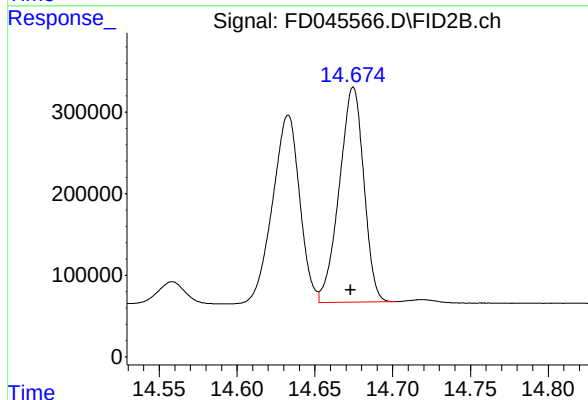
R.T.: 12.767 min
Delta R.T.: 0.000 min
Response: 3076022
Conc: 21.44 ug/ml

Instrument :
FID_D
ClientSampleId :



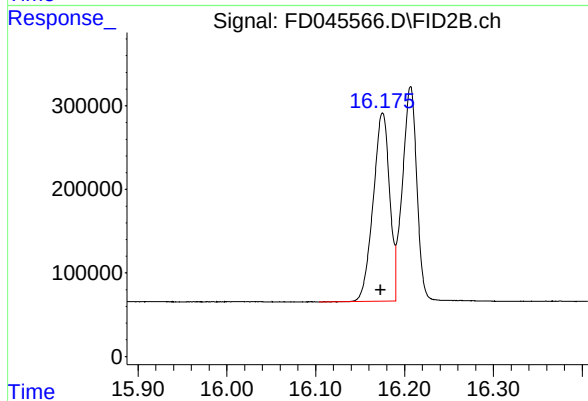
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.633 min
Delta R.T.: 0.001 min
Response: 2794581
Conc: 21.33 ug/ml



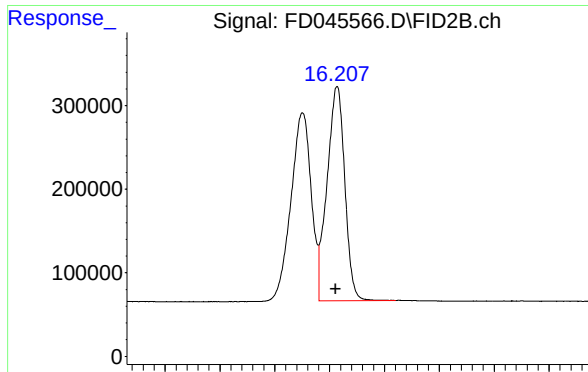
#15 Chrysene (C27.41)

R.T.: 14.675 min
Delta R.T.: 0.002 min
Response: 2890977
Conc: 21.18 ug/ml



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

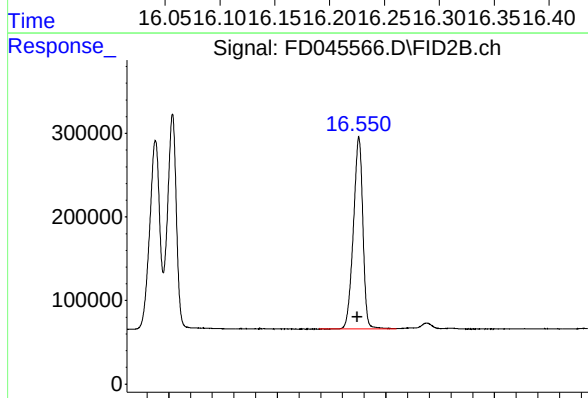
R.T.: 16.175 min
Delta R.T.: 0.002 min
Response: 2892760
Conc: 21.66 ug/ml



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

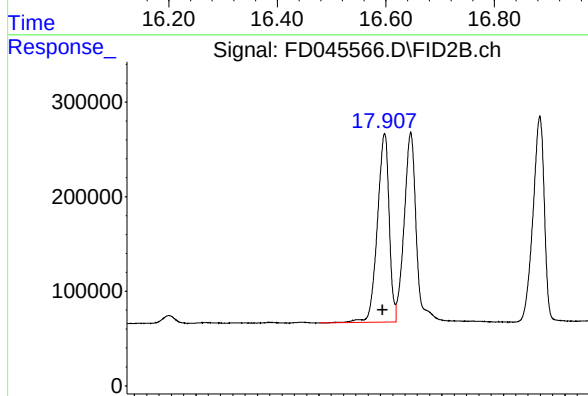
R.T.: 16.207 min
Delta R.T.: 0.001 min
Response: 2890743
Conc: 21.61 ug/ml

Instrument :
FID_D
ClientSampleId :



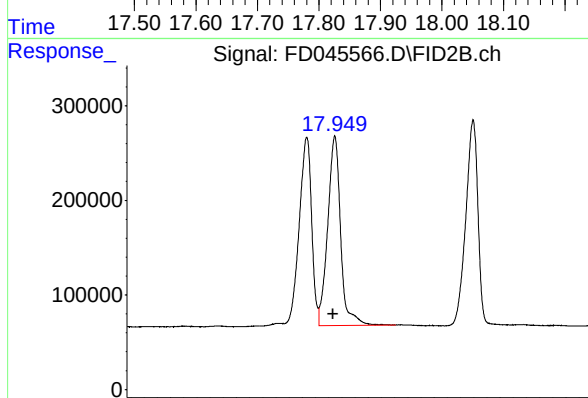
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.550 min
Delta R.T.: 0.003 min
Response: 2786898
Conc: 21.78 ug/ml



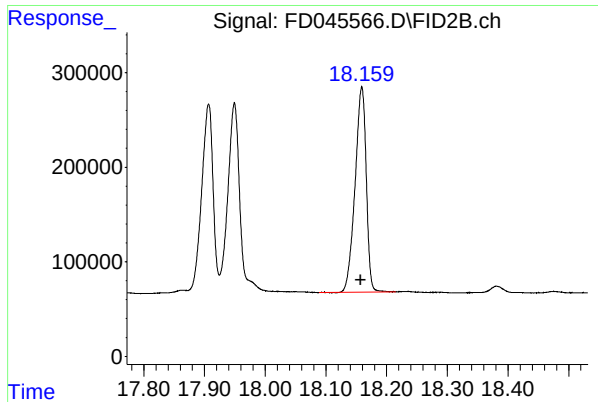
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.907 min
Delta R.T.: 0.003 min
Response: 2664251
Conc: 21.21 ug/ml



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

R.T.: 17.949 min
Delta R.T.: 0.003 min
Response: 2736587
Conc: 20.09 ug/ml



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

R.T.: 18.159 min

Delta R.T.: 0.002 min

Response: 2768775

Conc: 21.13 ug/ml

Instrument :

FID_D

ClientSampleId :