

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042023AR\
 Data File : FD045504.D
 Signal(s) : FID2B.ch
 Acq On : 20 Apr 2023 11:36
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 21 01:16:29 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 0302823.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 28 05:56:14 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...	7.546	2690586	19.638 ug/ml
Spiked Amount 50.000		Recovery =	39.28%
6) S 2-Fluorobiphenyl (SURR)	8.401	1724898	19.241 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.48%
11) S ortho-Terphenyl (SURR)	11.440	3350550	19.258 ug/ml
Spiked Amount 50.000		Recovery =	38.52%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.355	3114779	19.994 ug/ml
2) T Naphthalene (C11.7)	5.885	3192719	19.867 ug/ml
3) T 2-Methylnaphthalene (...)	6.934	3146368	19.655 ug/ml
5) T Acenaphthylene (C15.06)	8.205	2819976	19.260 ug/ml
7) T Acenaphthene (C15.5)	8.500	3018106	19.458 ug/ml
8) T Fluorene (C16.55)	9.278	2847311	19.201 ug/ml
9) T Phenanthrene (C19.36)	10.668	2753781	19.010 ug/ml
10) T Anthracene (C19.43)	10.742	2388257	17.278 ug/ml
12) T Fluoranthene (C21.85)	12.471	2733157	18.997 ug/ml
13) T Pyrene (C20.8)	12.767	2654826	18.882 ug/ml
14) T Benzo[a]anthracene (C...	14.630	2391107	18.645 ug/ml
15) T Chrysene (C27.41)	14.672	2541508	19.166 ug/ml
16) T benzo[b]fluoranthene ...	16.171	2444160	18.815 ug/ml
17) T Bnezo[k]fluoranthene ...	16.203	2448036	19.328 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.546	2340891	18.619 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.902	2087245	17.635 ug/ml
20) T Dibenz[a,h]anthracene...	17.945	2232509	18.739 ug/ml
21) T Benzo[g,h,i]perylene ...	18.155	2293746	18.363 ug/ml

(f)=RT Delta > 1/2 Window

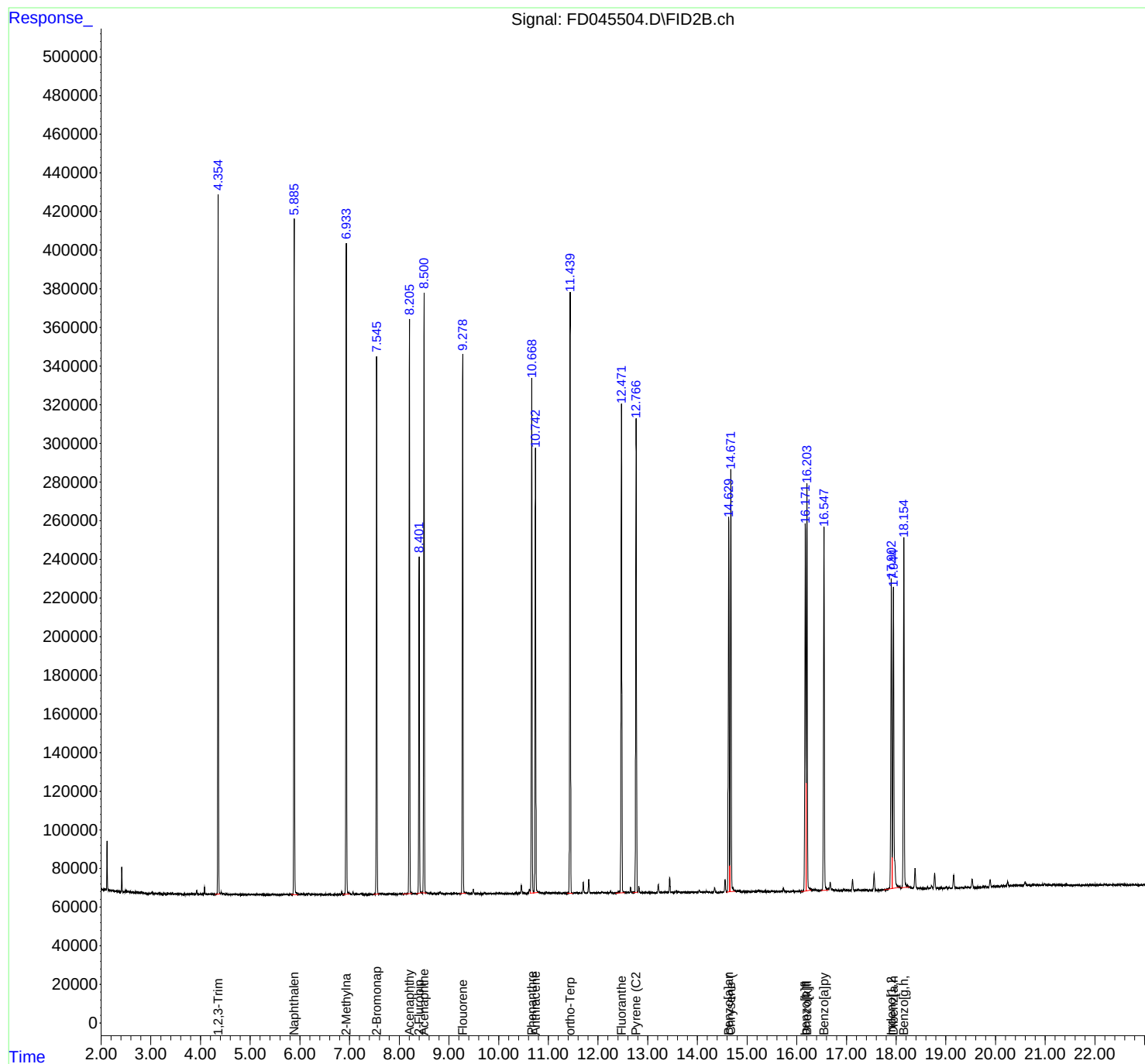
(m)=manual int.

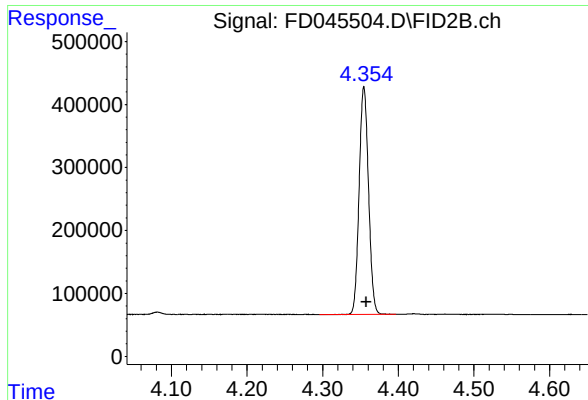
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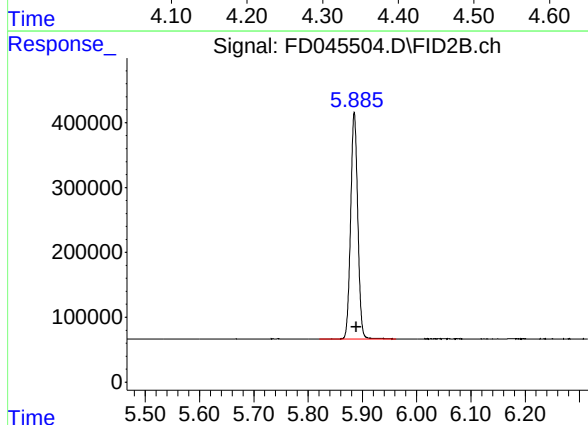




#1 1,2,3-Trimethylbenzene (C10.1)

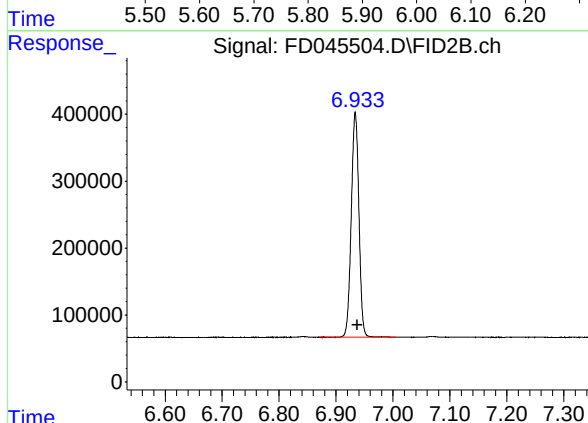
R.T.: 4.355 min
Delta R.T.: -0.003 min
Response: 3114779
Conc: 19.99 ug/ml

Instrument :
FID_D
ClientSampleId :



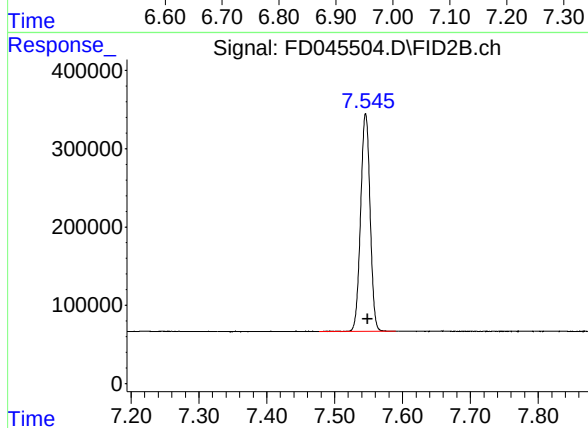
#2 Naphthalene (C11.7)

R.T.: 5.885 min
Delta R.T.: -0.003 min
Response: 3192719
Conc: 19.87 ug/ml



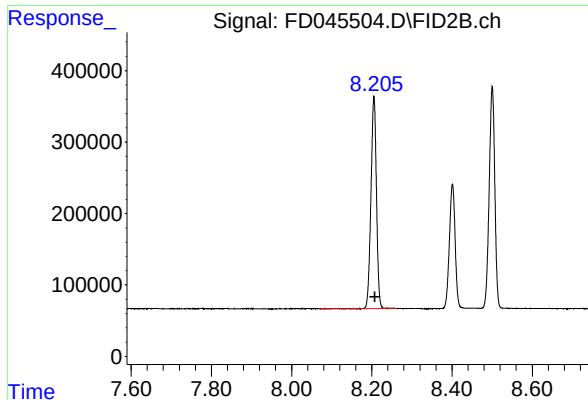
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.934 min
Delta R.T.: -0.003 min
Response: 3146368
Conc: 19.65 ug/ml



#4 2-Bromonaphthalene (SURR)

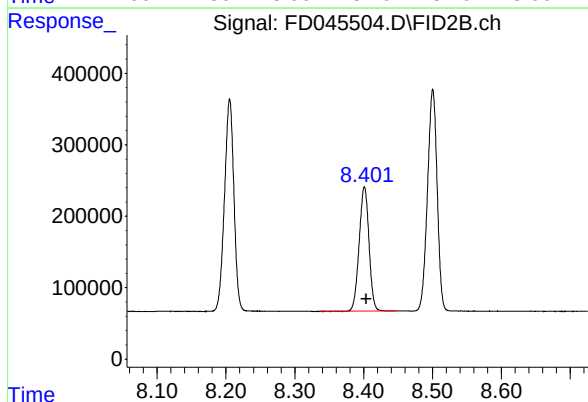
R.T.: 7.546 min
Delta R.T.: -0.003 min
Response: 2690586
Conc: 19.64 ug/ml



#5 Acenaphthylene (C15.06)

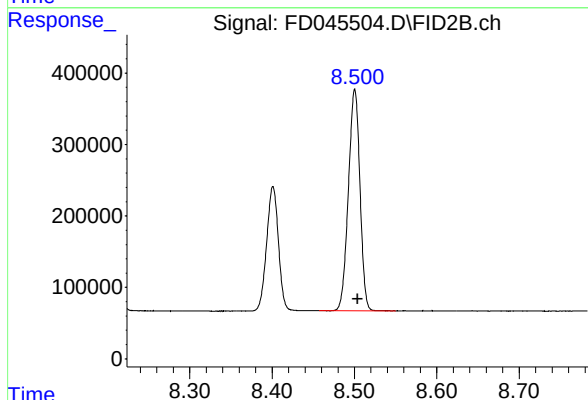
R.T.: 8.205 min
Delta R.T.: -0.003 min
Response: 2819976
Conc: 19.26 ug/ml

Instrument :
FID_D
ClientSampleId :



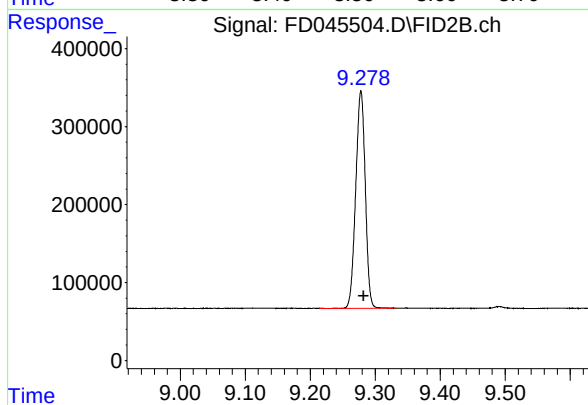
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.401 min
Delta R.T.: -0.003 min
Response: 1724898
Conc: 19.24 ug/ml



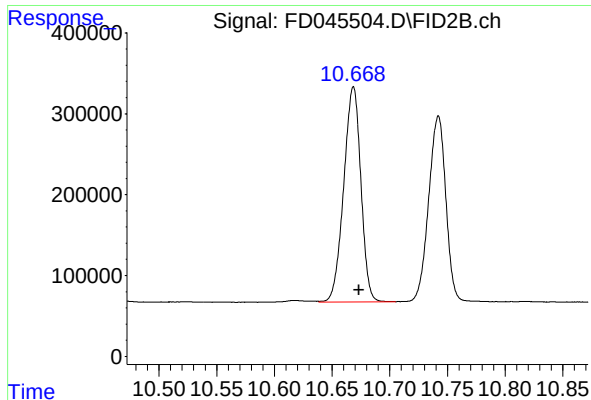
#7 Acenaphthene (C15.5)

R.T.: 8.500 min
Delta R.T.: -0.003 min
Response: 3018106
Conc: 19.46 ug/ml



#8 Flouorene (C16.55)

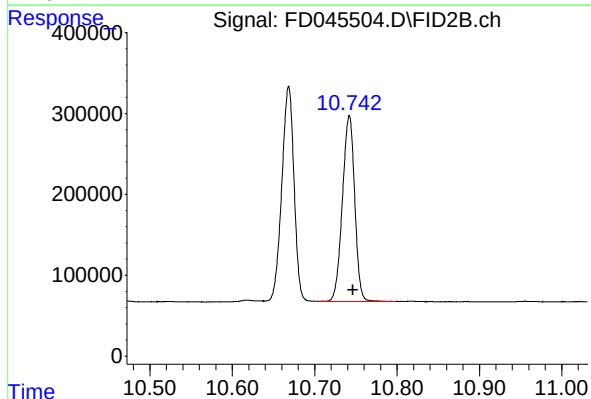
R.T.: 9.278 min
Delta R.T.: -0.004 min
Response: 2847311
Conc: 19.20 ug/ml



#9 Phenanthrene (C19.36)

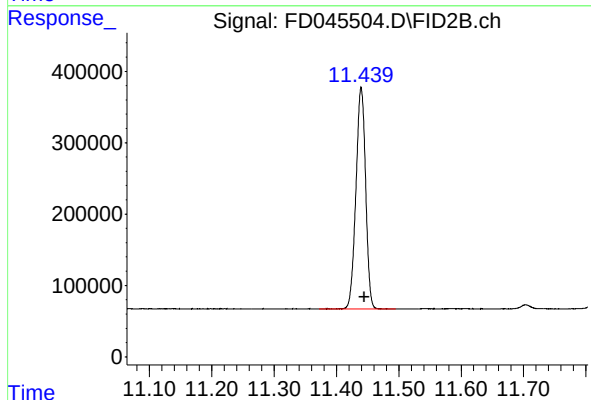
R.T.: 10.668 min
Delta R.T.: -0.005 min
Response: 2753781
Conc: 19.01 ug/ml

Instrument :
FID_D
ClientSampleId :



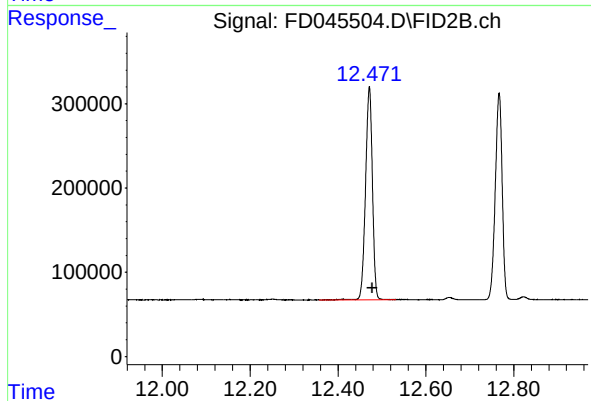
#10 Anthracene (C19.43)

R.T.: 10.742 min
Delta R.T.: -0.005 min
Response: 2388257
Conc: 17.28 ug/ml



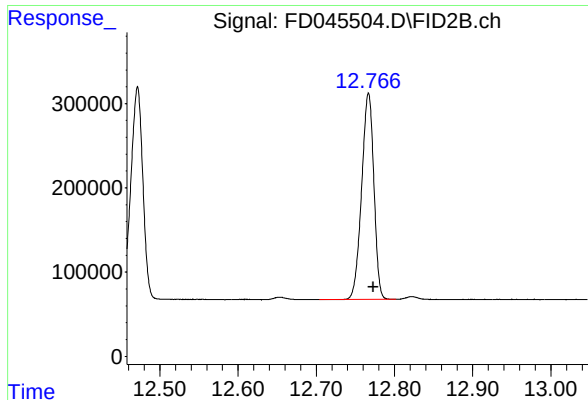
#11 ortho-Terphenyl (SURR)

R.T.: 11.440 min
Delta R.T.: -0.005 min
Response: 3350550
Conc: 19.26 ug/ml



#12 Fluoranthene (C21.85)

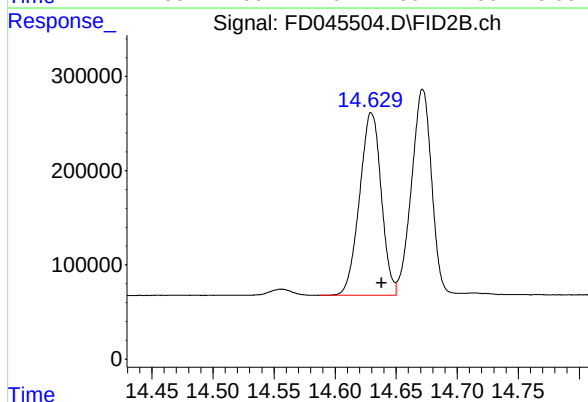
R.T.: 12.471 min
Delta R.T.: -0.007 min
Response: 2733157
Conc: 19.00 ug/ml



#13 Pyrene (C20.8)

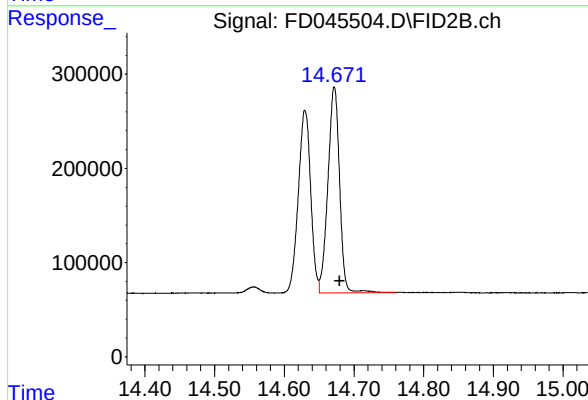
R.T.: 12.767 min
Delta R.T.: -0.006 min
Response: 2654826
Conc: 18.88 ug/ml

Instrument :
FID_D
ClientSampleId :



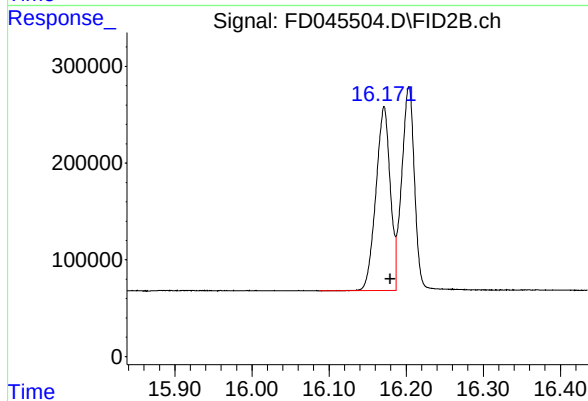
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.630 min
Delta R.T.: -0.008 min
Response: 2391107
Conc: 18.65 ug/ml



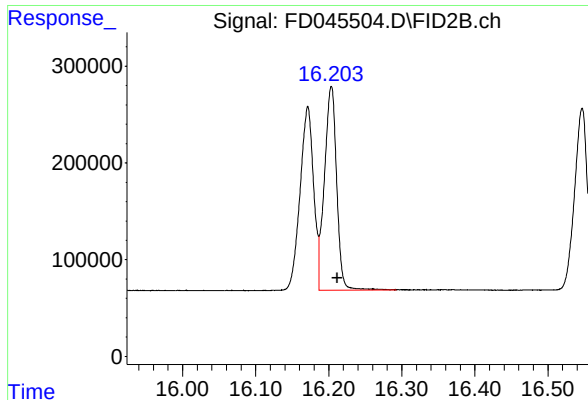
#15 Chrysene (C27.41)

R.T.: 14.672 min
Delta R.T.: -0.007 min
Response: 2541508
Conc: 19.17 ug/ml



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

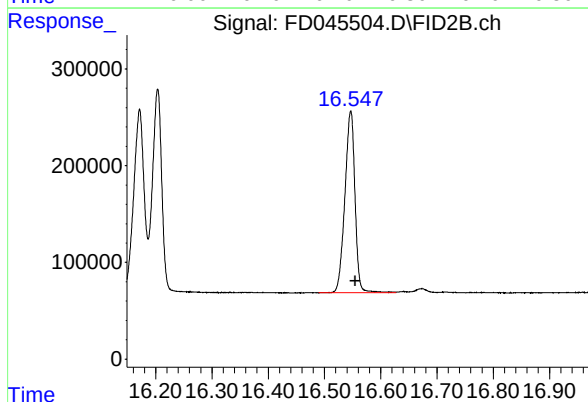
R.T.: 16.171 min
Delta R.T.: -0.008 min
Response: 2444160
Conc: 18.82 ug/ml



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

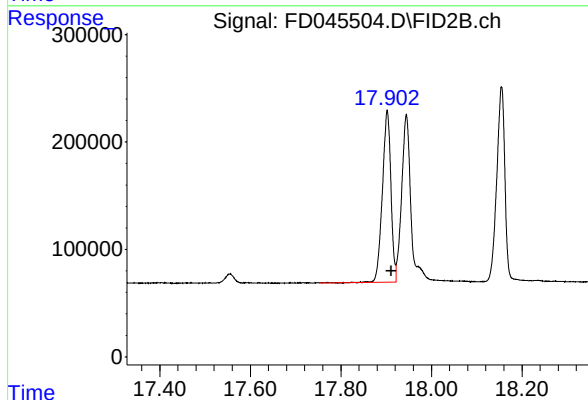
R.T.: 16.203 min
Delta R.T.: -0.009 min
Response: 2448036
Conc: 19.33 ug/ml

Instrument :
FID_D
ClientSampleId :



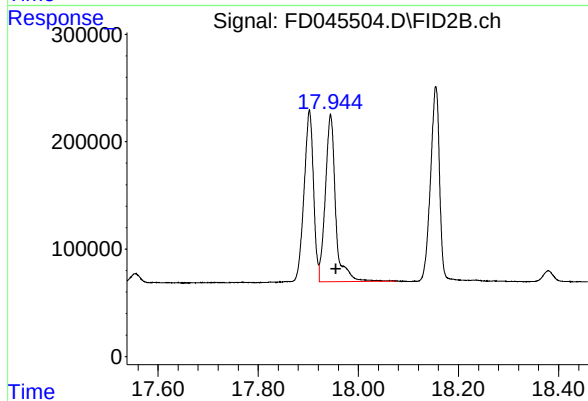
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.546 min
Delta R.T.: -0.008 min
Response: 2340891
Conc: 18.62 ug/ml



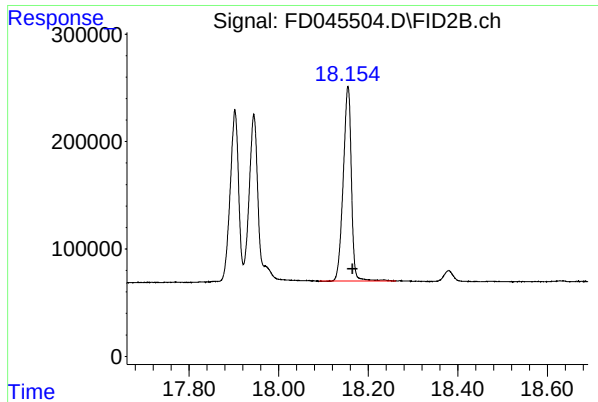
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.902 min
Delta R.T.: -0.010 min
Response: 2087245
Conc: 17.63 ug/ml



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

R.T.: 17.945 min
Delta R.T.: -0.011 min
Response: 2232509
Conc: 18.74 ug/ml



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

R.T.: 18.155 min

Delta R.T.: -0.011 min

Response: 2293746

Conc: 18.36 ug/ml

Instrument :

FID_D

ClientSampleId :