

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051723AR\
 Data File : FD045689.D
 Signal(s) : FID2B.ch
 Acq On : 18 May 2023 15:30
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: May 18 16:41:18 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 050523.M
 Quant Title : GC Extractables
 QLast Update : Fri May 05 18:09:33 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...	7.542	3397737	19.920 ug/ml
Spiked Amount 50.000		Recovery =	39.84%
6) S 2-Fluorobiphenyl (SURR)	8.397	2286770	19.889 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.78%
11) S ortho-Terphenyl (SURR)	11.437	4195203	19.871 ug/ml
Spiked Amount 50.000		Recovery =	39.74%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.350	3784391	20.274 ug/ml
2) T Naphthalene (C11.7)	5.881	3951789	20.090 ug/ml
3) T 2-Methylnaphthalene (...)	6.930	3977790	20.136 ug/ml
5) T Acenaphthylene (C15.06)	8.202	3540557	19.706 ug/ml
7) T Acenaphthene (C15.5)	8.497	3807091	20.006 ug/ml
8) T Flouorene (C16.55)	9.275	3762266	19.949 ug/ml
9) T Phenanthrene (C19.36)	10.666	3645230	19.611 ug/ml
10) T Anthracene (C19.43)	10.740	2989352	16.722 ug/ml
12) T Fluoranthene (C21.85)	12.470	3526648	19.549 ug/ml
13) T Pyrene (C20.8)	12.765	3408117	19.446 ug/ml
14) T Benzo[a]anthracene (C...	14.628	3030527	19.040 ug/ml
15) T Chrysene (C27.41)	14.670	3180100	19.585 ug/ml
16) T benzo[b]fluoranthene ...	16.169	2910590	19.763 ug/ml
17) T Bnezo[k]fluoranthene ...	16.202	2965652	20.511 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.543	2705686	19.406 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.900	2731051	21.496 ug/ml
20) T Dibenz[a,h]anthracene...	17.943	2958010	23.032 ug/ml
21) T Benzo[g,h,i]perylene ...	18.153	2760057	21.458 ug/ml

(f)=RT Delta > 1/2 Window

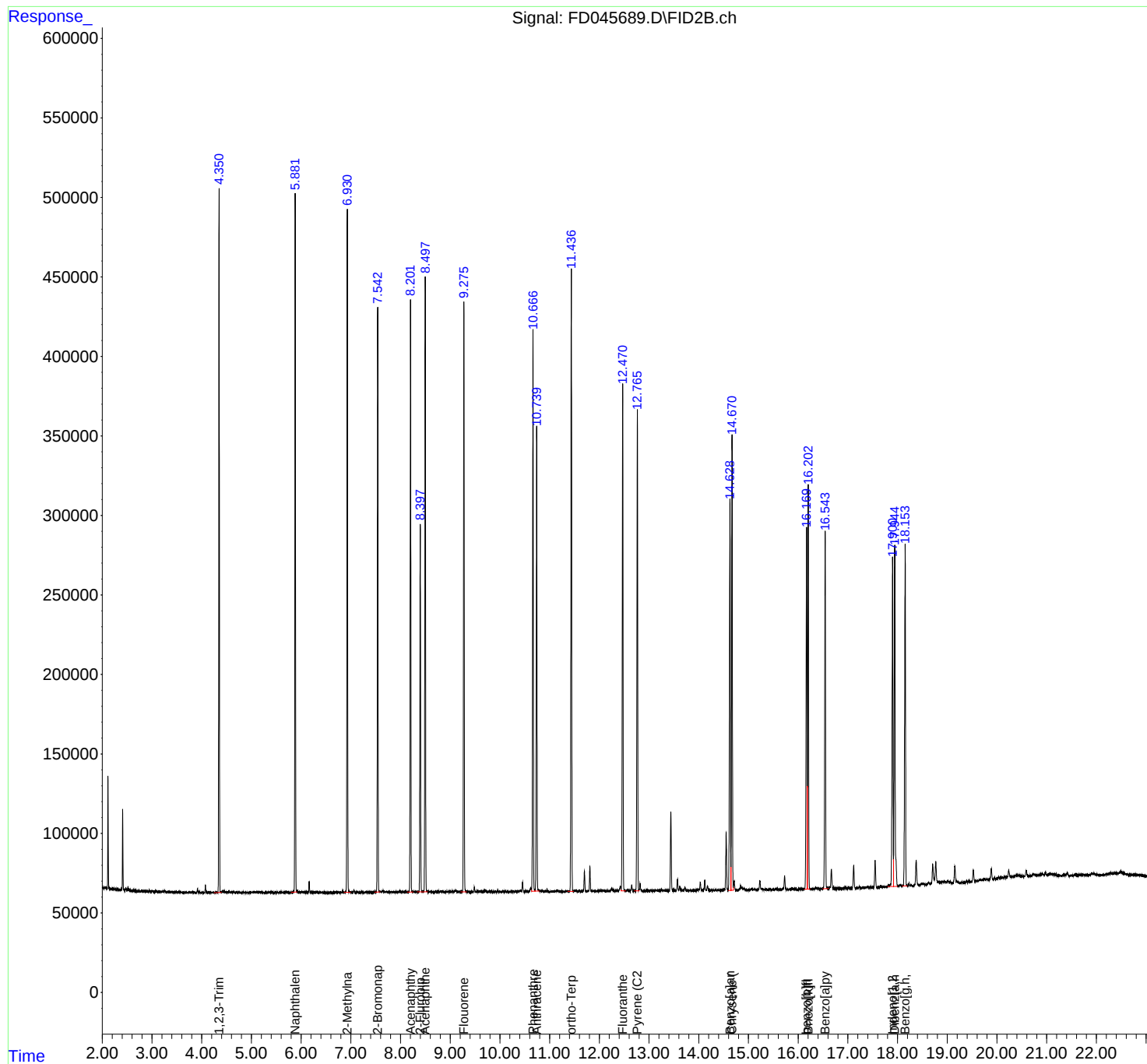
(m)=manual int.

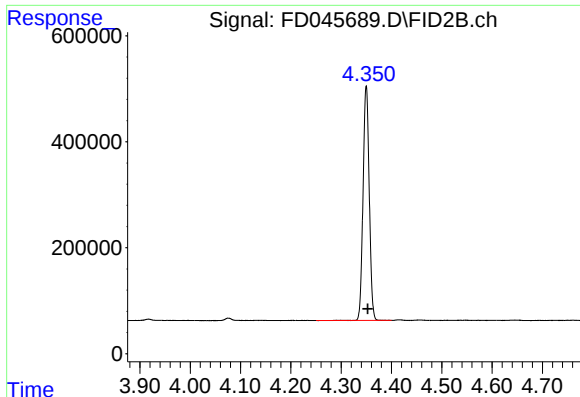
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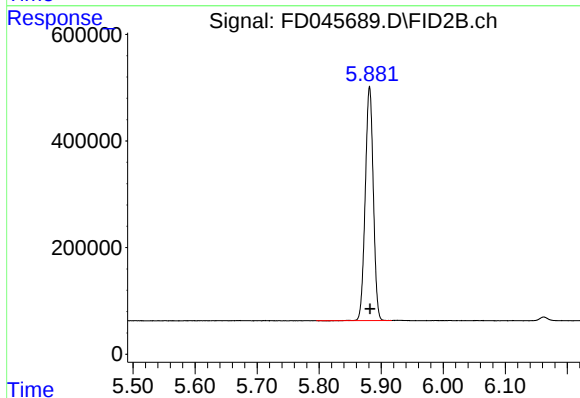




#1 1,2,3-Trimethylbenzene (C10.1)

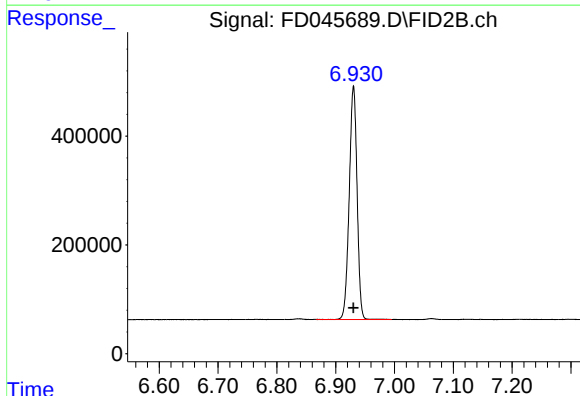
R.T.: 4.350 min
Delta R.T.: -0.003 min
Response: 3784391
Conc: 20.27 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



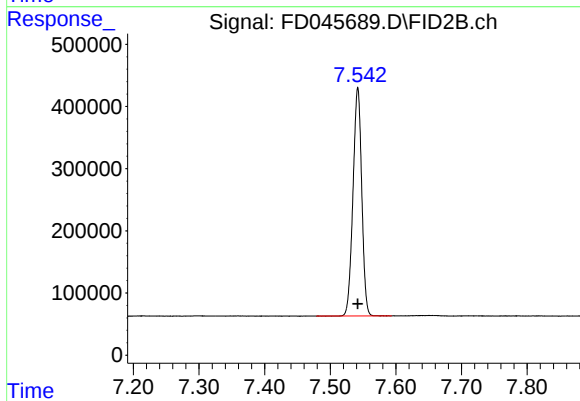
#2 Naphthalene (C11.7)

R.T.: 5.881 min
Delta R.T.: 0.000 min
Response: 3951789
Conc: 20.09 ug/ml



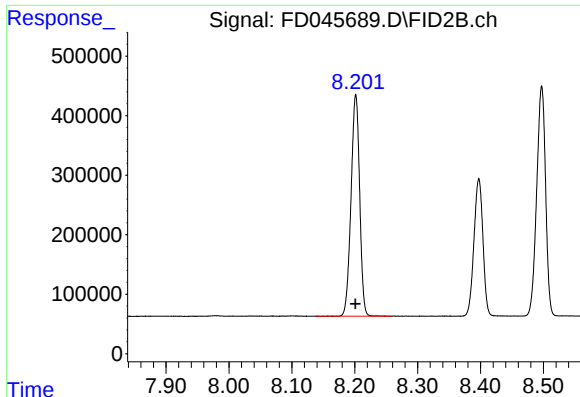
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.930 min
Delta R.T.: 0.000 min
Response: 3977790
Conc: 20.14 ug/ml



#4 2-Bromonaphthalene (SURR)

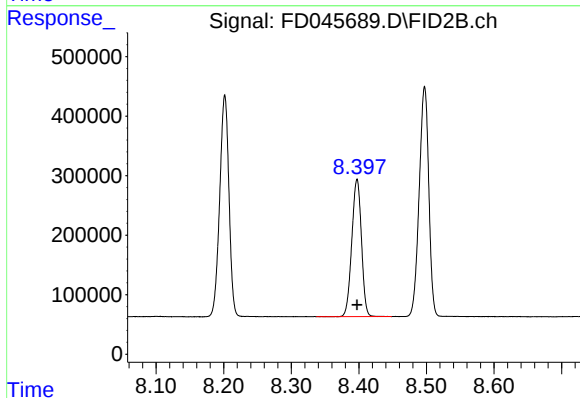
R.T.: 7.542 min
Delta R.T.: 0.000 min
Response: 3397737
Conc: 19.92 ug/ml



#5 Acenaphthylene (C15.06)

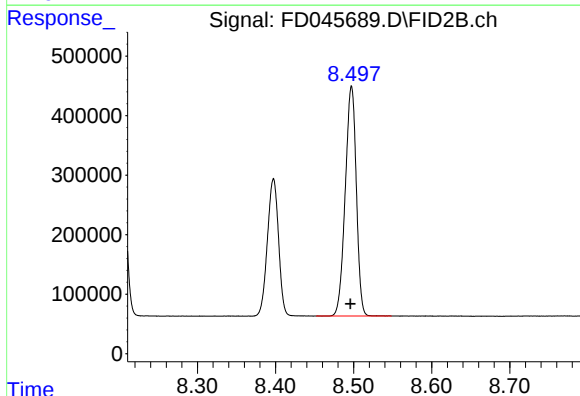
R.T.: 8.202 min
Delta R.T.: 0.000 min
Response: 3540557
Conc: 19.71 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



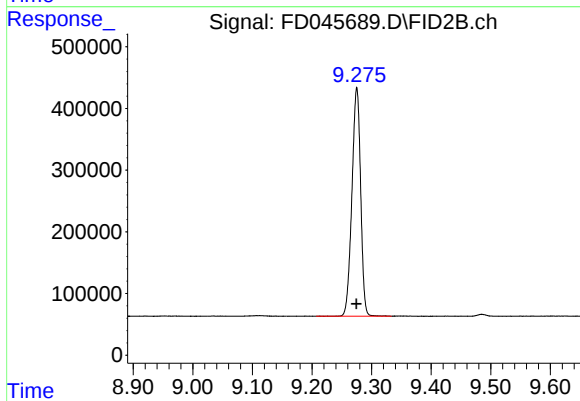
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.397 min
Delta R.T.: 0.000 min
Response: 2286770
Conc: 19.89 ug/ml



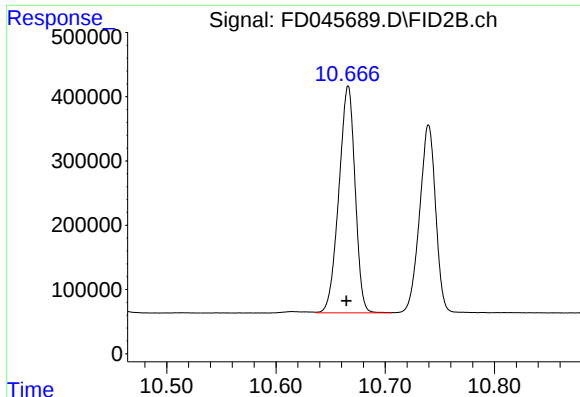
#7 Acenaphthene (C15.5)

R.T.: 8.497 min
Delta R.T.: 0.001 min
Response: 3807091
Conc: 20.01 ug/ml



#8 Fluorene (C16.55)

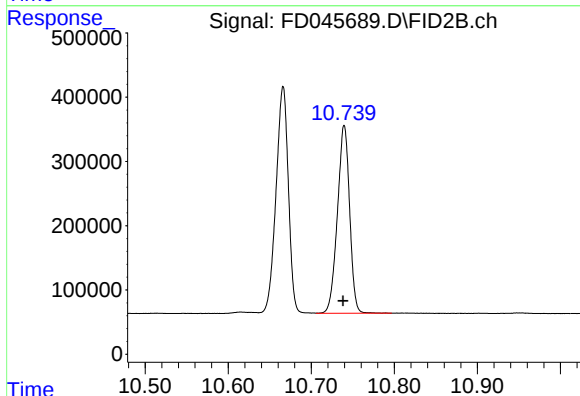
R.T.: 9.275 min
Delta R.T.: 0.000 min
Response: 3762266
Conc: 19.95 ug/ml



#9 Phenanthrene (C19.36)

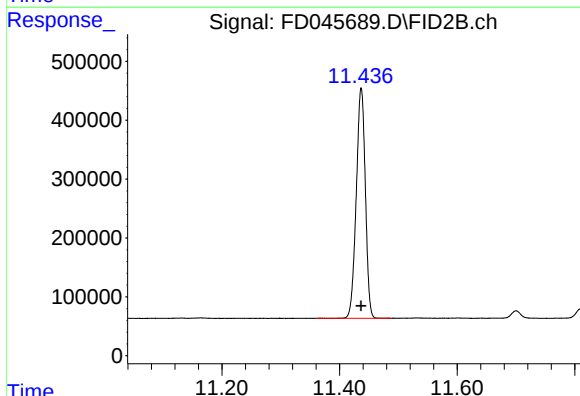
R.T.: 10.666 min
Delta R.T.: 0.001 min
Response: 3645230
Conc: 19.61 ug/ml

Instrument :
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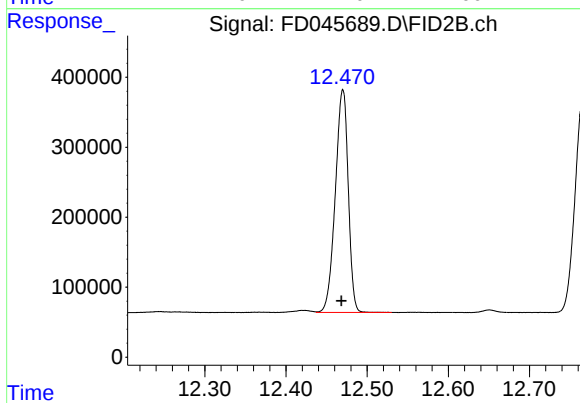
#10 Anthracene (C19.43)

R.T.: 10.740 min
Delta R.T.: 0.002 min
Response: 2989352
Conc: 16.72 ug/ml



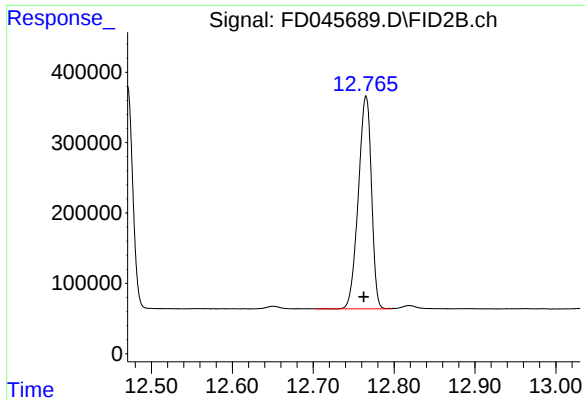
#11 ortho-Terphenyl (SURR)

R.T.: 11.437 min
Delta R.T.: 0.000 min
Response: 4195203
Conc: 19.87 ug/ml



#12 Fluoranthene (C21.85)

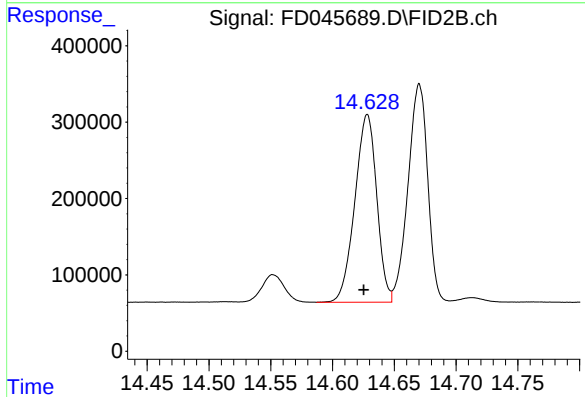
R.T.: 12.470 min
Delta R.T.: 0.002 min
Response: 3526648
Conc: 19.55 ug/ml



#13 Pyrene (C20.8)

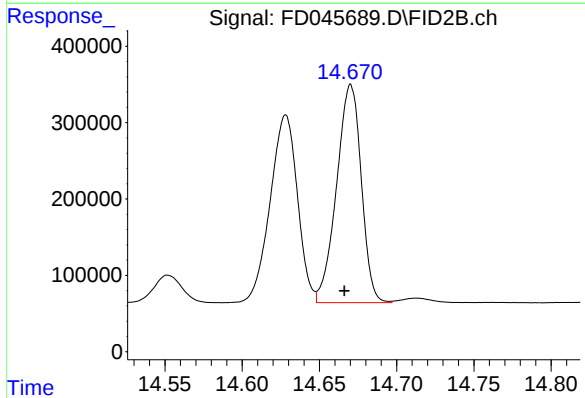
R.T.: 12.765 min
Delta R.T.: 0.003 min
Response: 3408117
Conc: 19.45 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



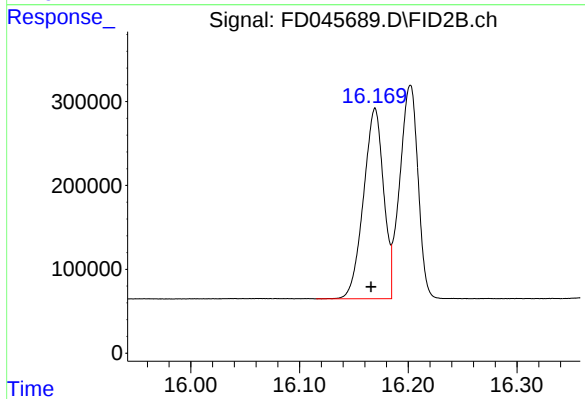
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.628 min
Delta R.T.: 0.003 min
Response: 3030527
Conc: 19.04 ug/ml



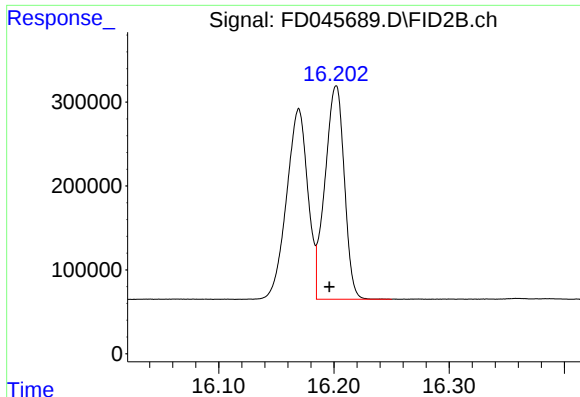
#15 Chrysene (C27.41)

R.T.: 14.670 min
Delta R.T.: 0.004 min
Response: 3180100
Conc: 19.58 ug/ml



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

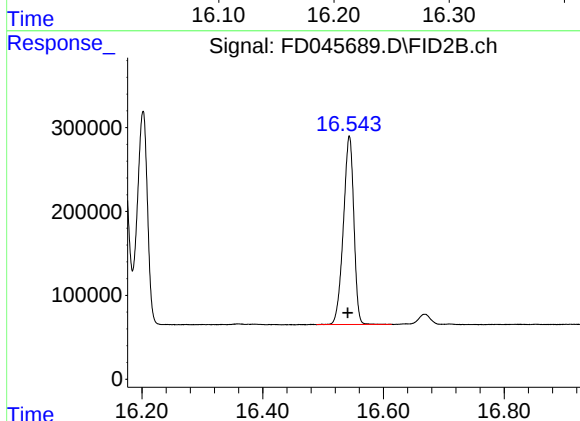
R.T.: 16.169 min
Delta R.T.: 0.004 min
Response: 2910590
Conc: 19.76 ug/ml



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

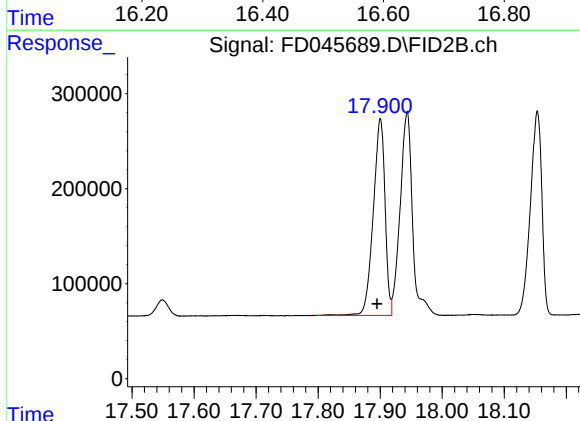
R.T.: 16.202 min
Delta R.T.: 0.006 min
Response: 2965652
Conc: 20.51 ug/ml

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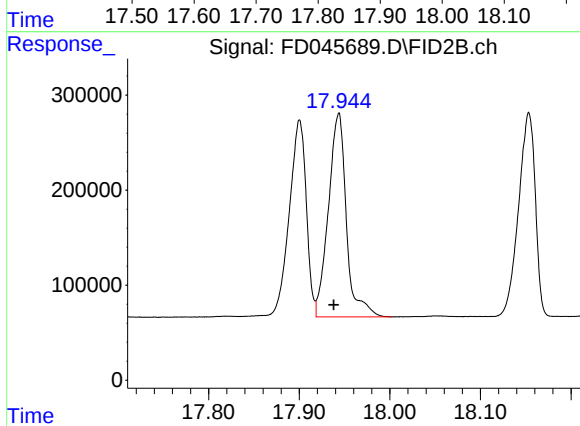
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.543 min
Delta R.T.: 0.003 min
Response: 2705686
Conc: 19.41 ug/ml



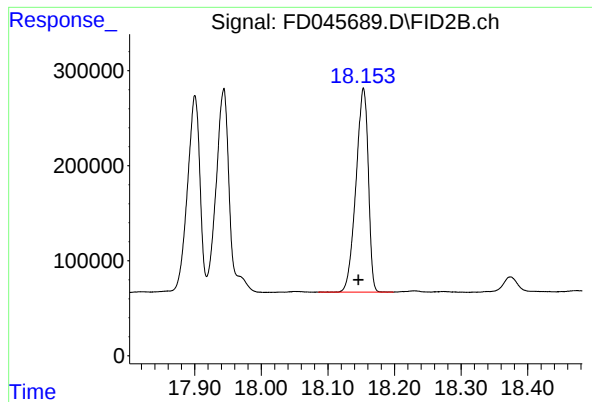
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.900 min
Delta R.T.: 0.005 min
Response: 2731051
Conc: 21.50 ug/ml



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

R.T.: 17.943 min
Delta R.T.: 0.005 min
Response: 2958010
Conc: 23.03 ug/ml



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

R.T.: 18.153 min
Delta R.T.: 0.007 min
Response: 2760057
Conc: 21.46 ug/ml

Instrument :

FID_D

ClientSampleId :

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