

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030123AR\
 Data File : FD045199.D
 Signal(s) : FID2B.ch
 Acq On : 01 Mar 2023 15:00
 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: Mar 01 16:49:09 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030123.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 01 16:43:59 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...	7.552	2662088	19.616 ug/ml
Spiked Amount 50.000		Recovery =	39.23%
6) S 2-Fluorobiphenyl (SURR)	8.408	1773340	19.806 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.61%
11) S ortho-Terphenyl (SURR)	11.448	3274551	19.672 ug/ml
Spiked Amount 50.000		Recovery =	39.34%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.362	2979002	19.670 ug/ml
2) T Naphthalene (C11.7)	5.892	3109937	19.686 ug/ml
3) T 2-Methylnaphthalene (...)	6.941	3112878	19.588 ug/ml
5) T Acenaphthylene (C15.06)	8.212	2818980	19.660 ug/ml
7) T Acenaphthene (C15.5)	8.507	2993992	19.753 ug/ml
8) T Flouorene (C16.55)	9.285	2905923	19.737 ug/ml
9) T Phenanthrene (C19.36)	10.677	2816568	19.727 ug/ml
10) T Anthracene (C19.43)	10.751	2742038	19.568 ug/ml
12) T Fluoranthene (C21.85)	12.481	2747225	19.667 ug/ml
13) T Pyrene (C20.8)	12.776	2686777	19.730 ug/ml
14) T Benzo[a]anthracene (C...	14.641	2495045	19.573 ug/ml
15) T Chrysene (C27.41)	14.682	2542816	19.511 ug/ml
16) T benzo[b]fluoranthene ...	16.183	2542171	19.719 ug/ml
17) T Bnezo[k]fluoranthene ...	16.215	2476138	19.616 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.559	2466995	19.601 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.915	2313629	19.340 ug/ml
20) T Dibenz[a,h]anthracene...	17.958	2302512	19.089 ug/ml
21) T Benzo[g,h,i]perylene ...	18.168	2414857	19.408 ug/ml

(f)=RT Delta > 1/2 Window

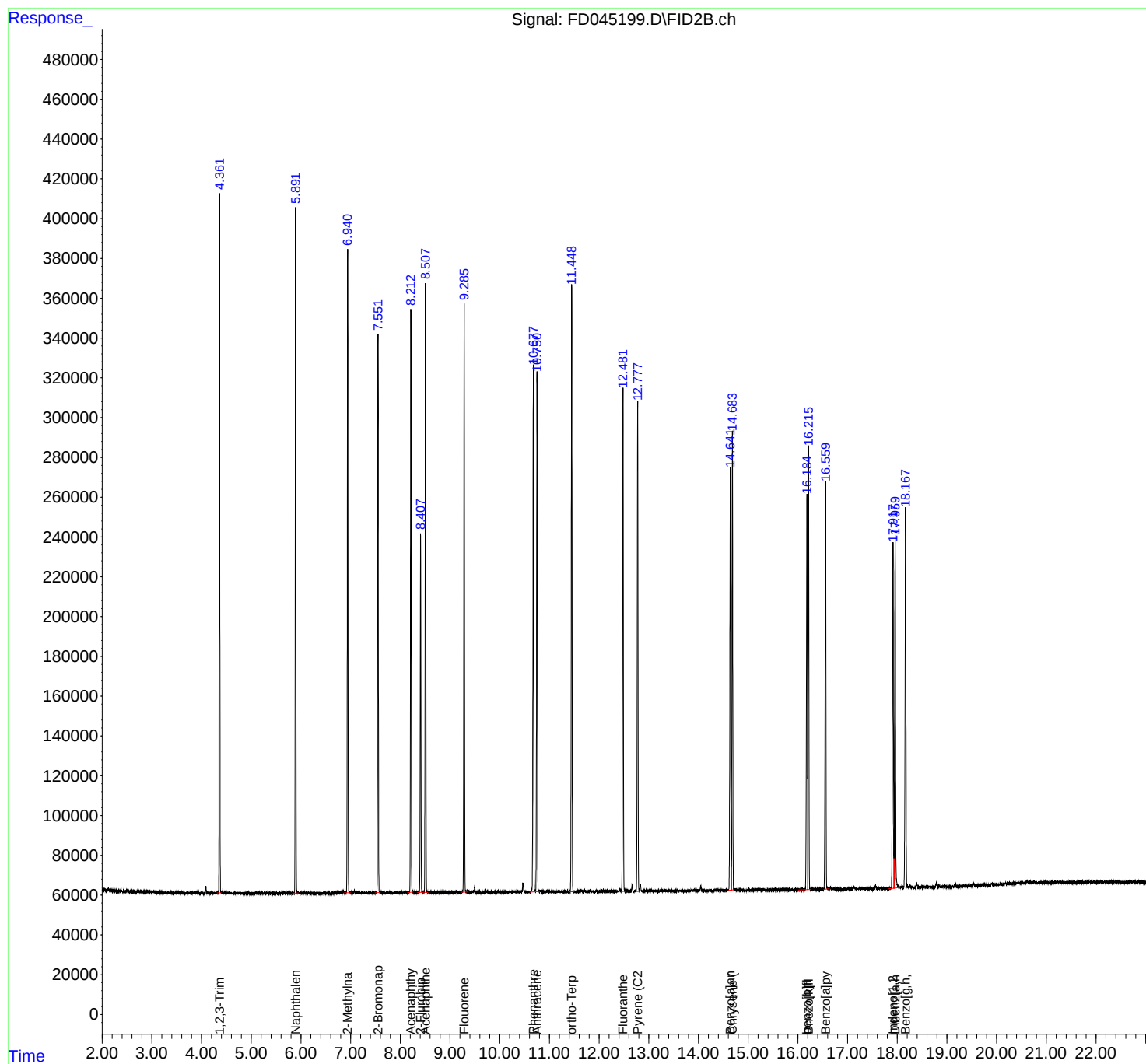
(m)=manual int.

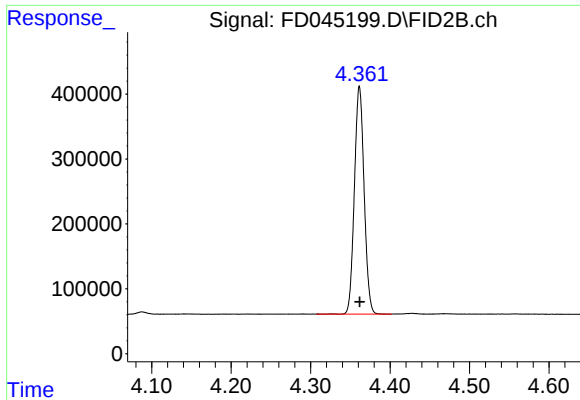
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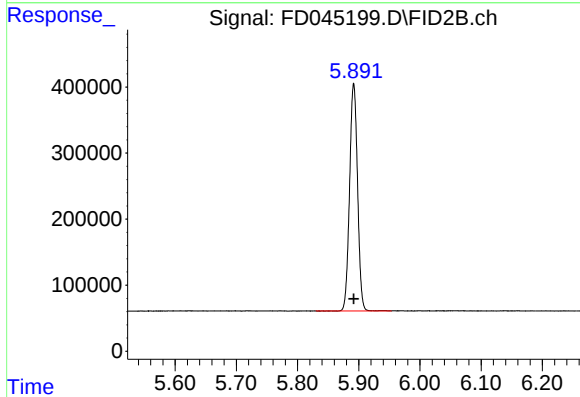




#1 1,2,3-Trimethylbenzene (C10.1)

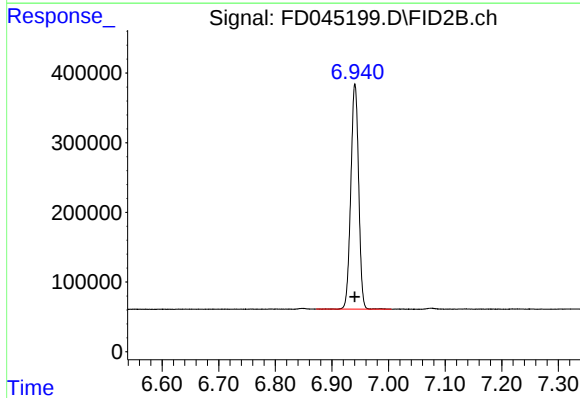
R.T.: 4.362 min
Delta R.T.: 0.000 min
Response: 2979002
Conc: 19.67 ug/ml

Instrument :
FID_D
ClientSampleId :



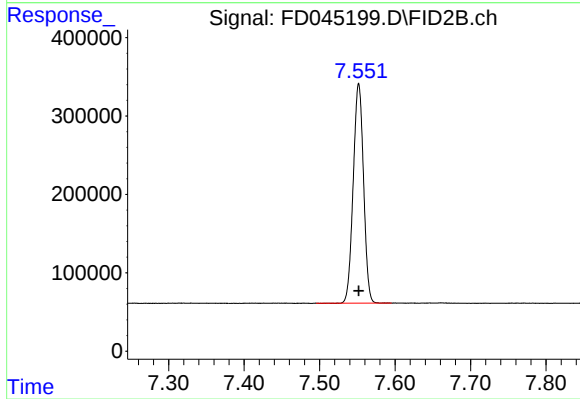
#2 Naphthalene (C11.7)

R.T.: 5.892 min
Delta R.T.: 0.000 min
Response: 3109937
Conc: 19.69 ug/ml



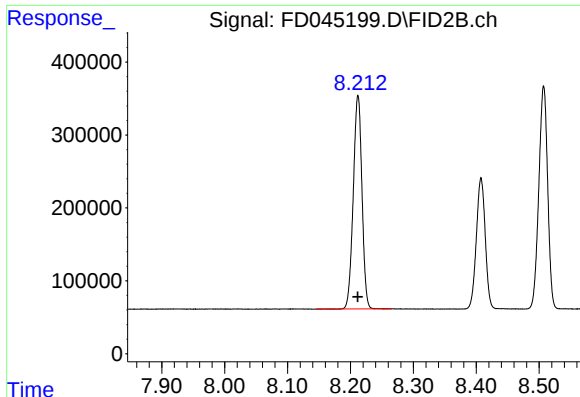
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.941 min
Delta R.T.: 0.000 min
Response: 3112878
Conc: 19.59 ug/ml



#4 2-Bromonaphthalene (SURR)

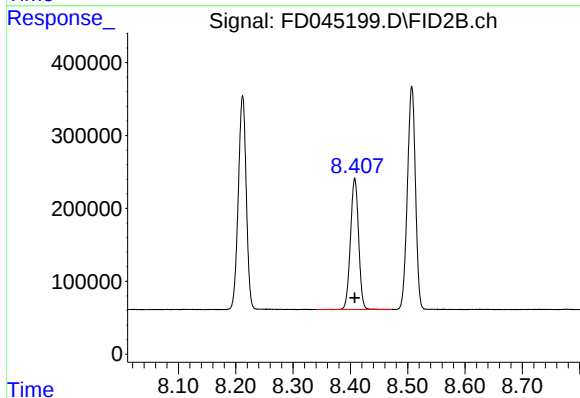
R.T.: 7.552 min
Delta R.T.: 0.000 min
Response: 2662088
Conc: 19.62 ug/ml



#5 Acenaphthylene (C15.06)

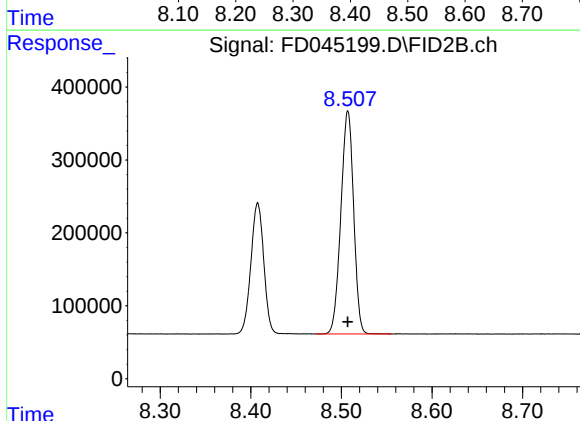
R.T.: 8.212 min
Delta R.T.: 0.000 min
Response: 2818980
Conc: 19.66 ug/ml

Instrument :
FID_D
ClientSampleId :



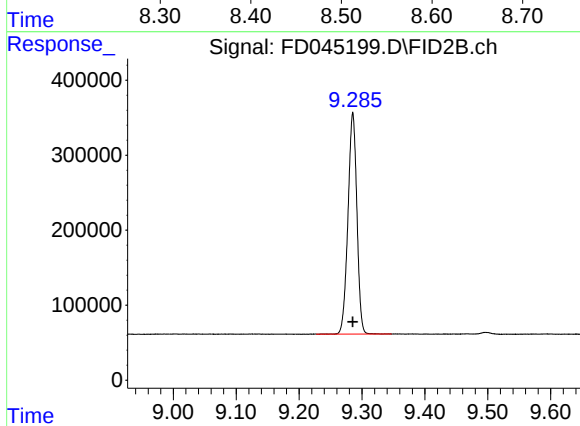
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.408 min
Delta R.T.: 0.000 min
Response: 1773340
Conc: 19.81 ug/ml



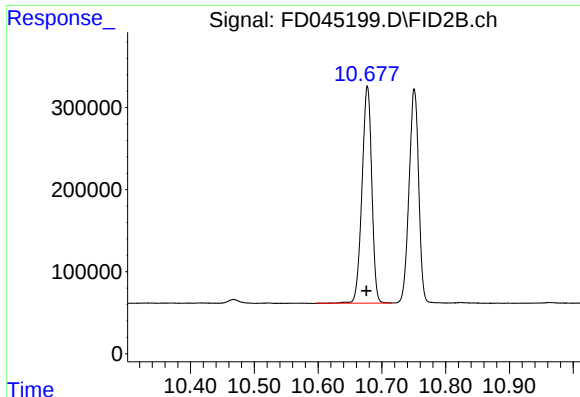
#7 Acenaphthene (C15.5)

R.T.: 8.507 min
Delta R.T.: 0.000 min
Response: 2993992
Conc: 19.75 ug/ml



#8 Flouorene (C16.55)

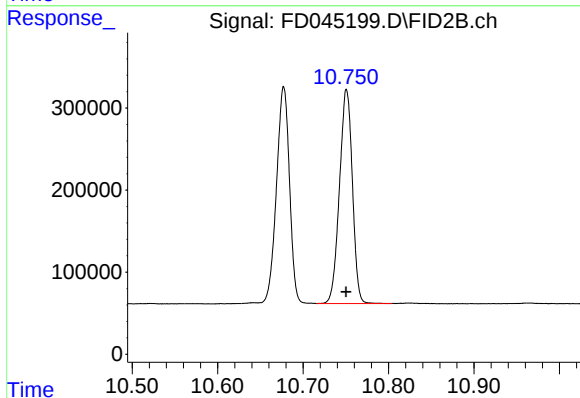
R.T.: 9.285 min
Delta R.T.: 0.000 min
Response: 2905923
Conc: 19.74 ug/ml



#9 Phenanthrene (C19.36)

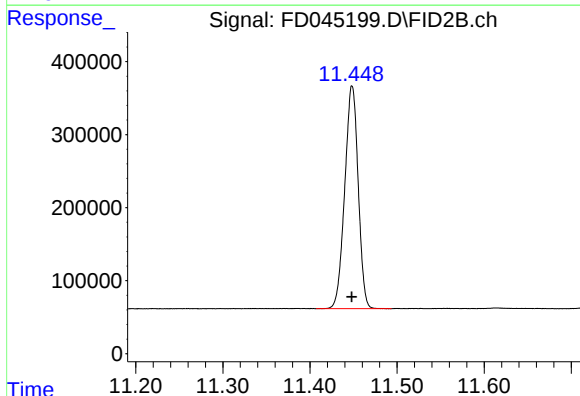
R.T.: 10.677 min
Delta R.T.: 0.001 min
Response: 2816568
Conc: 19.73 ug/ml

Instrument :
FID_D
ClientSampleId :



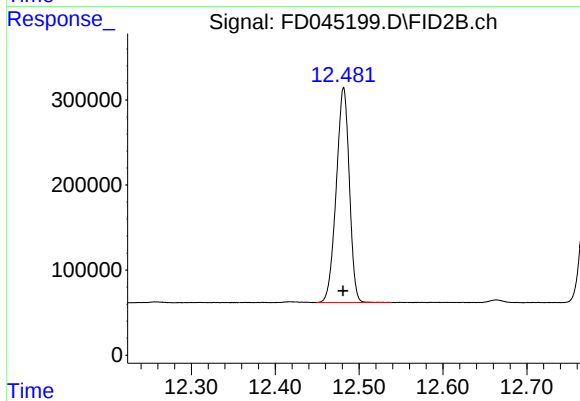
#10 Anthracene (C19.43)

R.T.: 10.751 min
Delta R.T.: 0.000 min
Response: 2742038
Conc: 19.57 ug/ml



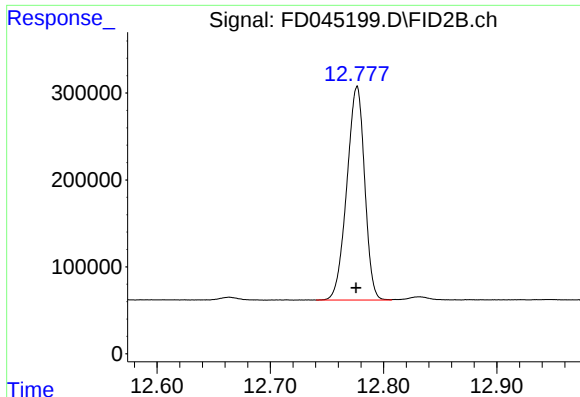
#11 ortho-Terphenyl (SURR)

R.T.: 11.448 min
Delta R.T.: 0.000 min
Response: 3274551
Conc: 19.67 ug/ml



#12 Fluoranthene (C21.85)

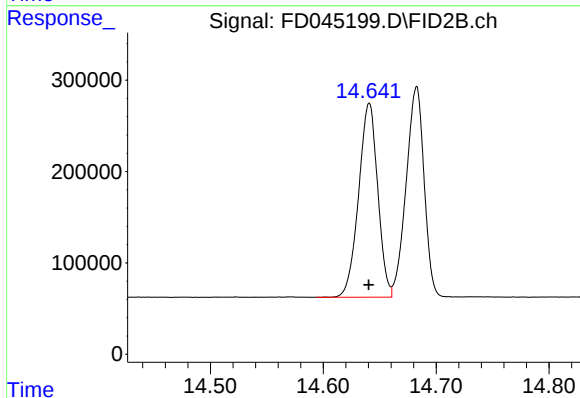
R.T.: 12.481 min
Delta R.T.: 0.000 min
Response: 2747225
Conc: 19.67 ug/ml



#13 Pyrene (C20.8)

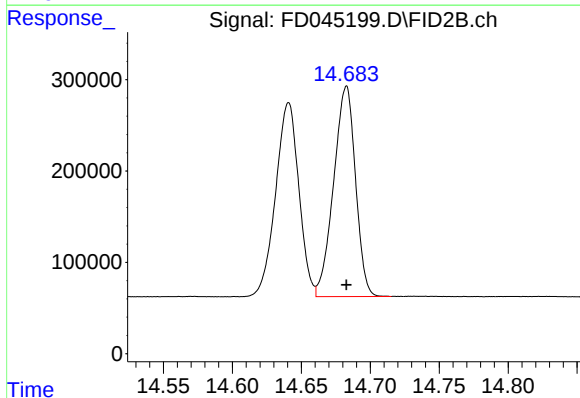
R.T.: 12.776 min
Delta R.T.: 0.000 min
Response: 2686777
Conc: 19.73 ug/ml

Instrument :
FID_D
ClientSampleId :



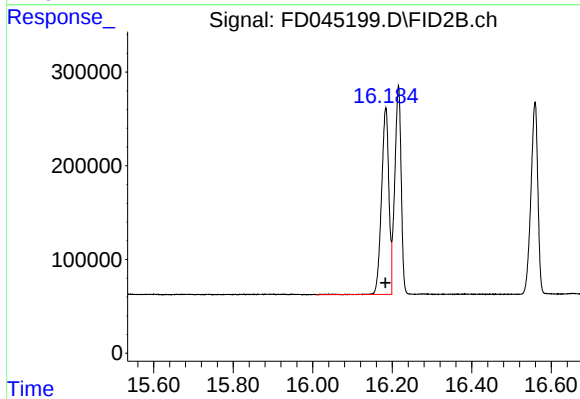
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.641 min
Delta R.T.: 0.000 min
Response: 2495045
Conc: 19.57 ug/ml



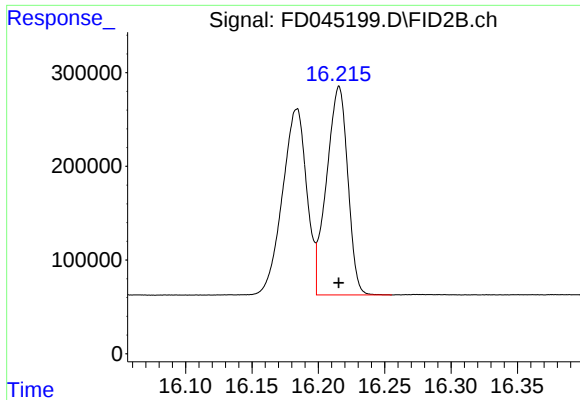
#15 Chrysene (C27.41)

R.T.: 14.682 min
Delta R.T.: 0.000 min
Response: 2542816
Conc: 19.51 ug/ml



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

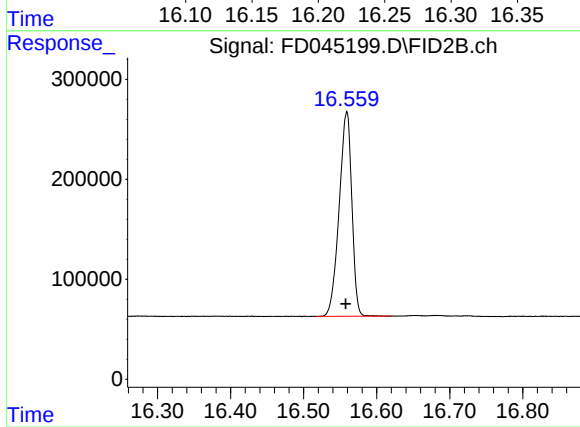
R.T.: 16.183 min
Delta R.T.: 0.000 min
Response: 2542171
Conc: 19.72 ug/ml



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

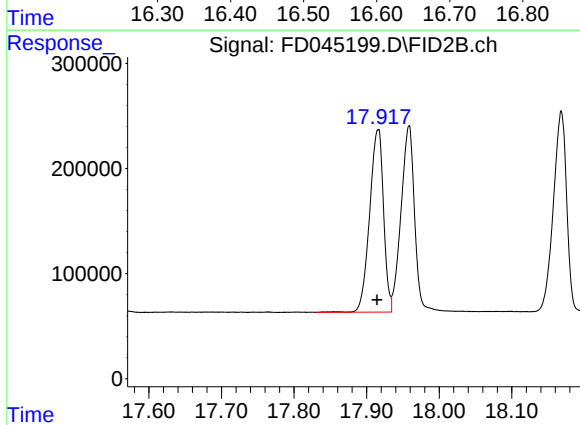
R.T.: 16.215 min
Delta R.T.: 0.000 min
Response: 2476138
Conc: 19.62 ug/ml

Instrument :
FID_D
ClientSampleId :



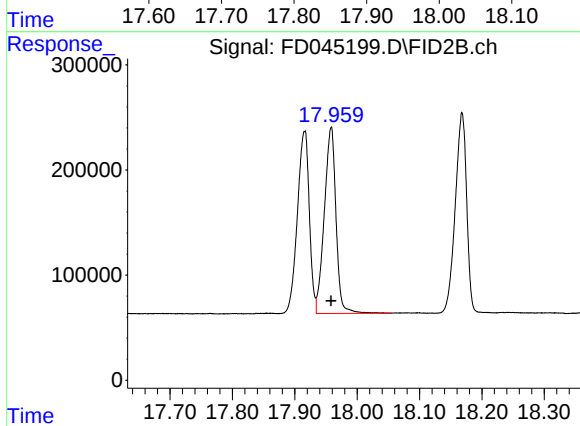
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.559 min
Delta R.T.: 0.000 min
Response: 2466995
Conc: 19.60 ug/ml



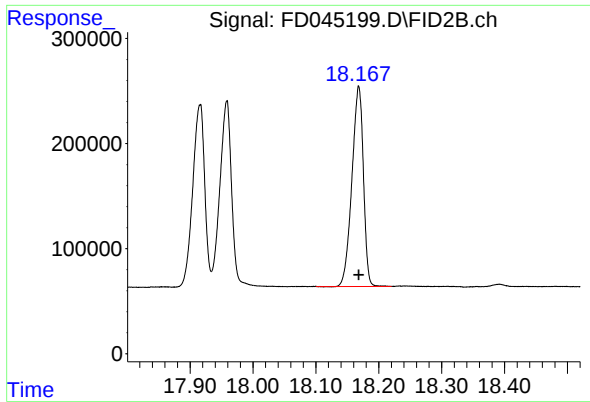
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.915 min
Delta R.T.: 0.000 min
Response: 2313629
Conc: 19.34 ug/ml



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

R.T.: 17.958 min
Delta R.T.: 0.000 min
Response: 2302512
Conc: 19.09 ug/ml



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

R.T.: 18.168 min
Delta R.T.: 0.000 min
Response: 2414857
Conc: 19.41 ug/ml

Instrument :

FID_D

ClientSampleId :