

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030223AR\
 Data File : FD045220.D
 Signal(s) : FID2B.ch
 Acq On : 03 Mar 2023 05:33
 Operator : YP/AJ
 Sample : 01701-02MSD
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 B-19-SB02MSD

Integration File: autoint1.e
 Quant Time: Mar 03 07:32:12 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...	7.553	5599587	41.262 ug/ml
Spiked Amount 50.000		Recovery =	82.52%
6) S 2-Fluorobiphenyl (SURR)	8.410	3698224	41.305 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	82.61%
11) S ortho-Terphenyl (SURR)	11.449	4264075	25.617 ug/ml
Spiked Amount 50.000		Recovery =	51.23%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.360	4058624	26.798 ug/ml
2) T Naphthalene (C11.7)	5.892	4553045	28.821 ug/ml
3) T 2-Methylnaphthalene (...)	6.941	4475264	28.161 ug/ml
5) T Acenaphthylene (C15.06)	8.213	4747701	33.111 ug/ml
7) T Acenaphthene (C15.5)	8.509	4787453	31.586 ug/ml
8) T Flouorene (C16.55)	9.288	4921323	33.426 ug/ml
9) T Phenanthrene (C19.36)	10.679	5036222	35.274 ug/ml
10) T Anthracene (C19.43)	10.754	4946230	35.298 ug/ml
12) T Fluoranthene (C21.85)	12.484	5028554	35.998 ug/ml
13) T Pyrene (C20.8)	12.780	4954751	36.384 ug/ml
14) T Benzo[a]anthracene (C...	14.645	4618706	36.233 ug/ml
15) T Chrysene (C27.41)	14.688	4564974	35.027 ug/ml
16) T benzo[b]fluoranthene ...	16.188	4631075	35.922 ug/ml
17) T Bnezo[k]fluoranthene ...	16.222	4379404	34.693 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.563	4108943	32.647 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.923	4498121	37.601 ug/ml
20) T Dibenz[a,h]anthracene...	17.964	4250705	35.240 ug/ml
21) T Benzo[g,h,i]perylene ...	18.177	4423814	35.554 ug/ml

(f)=RT Delta > 1/2 Window

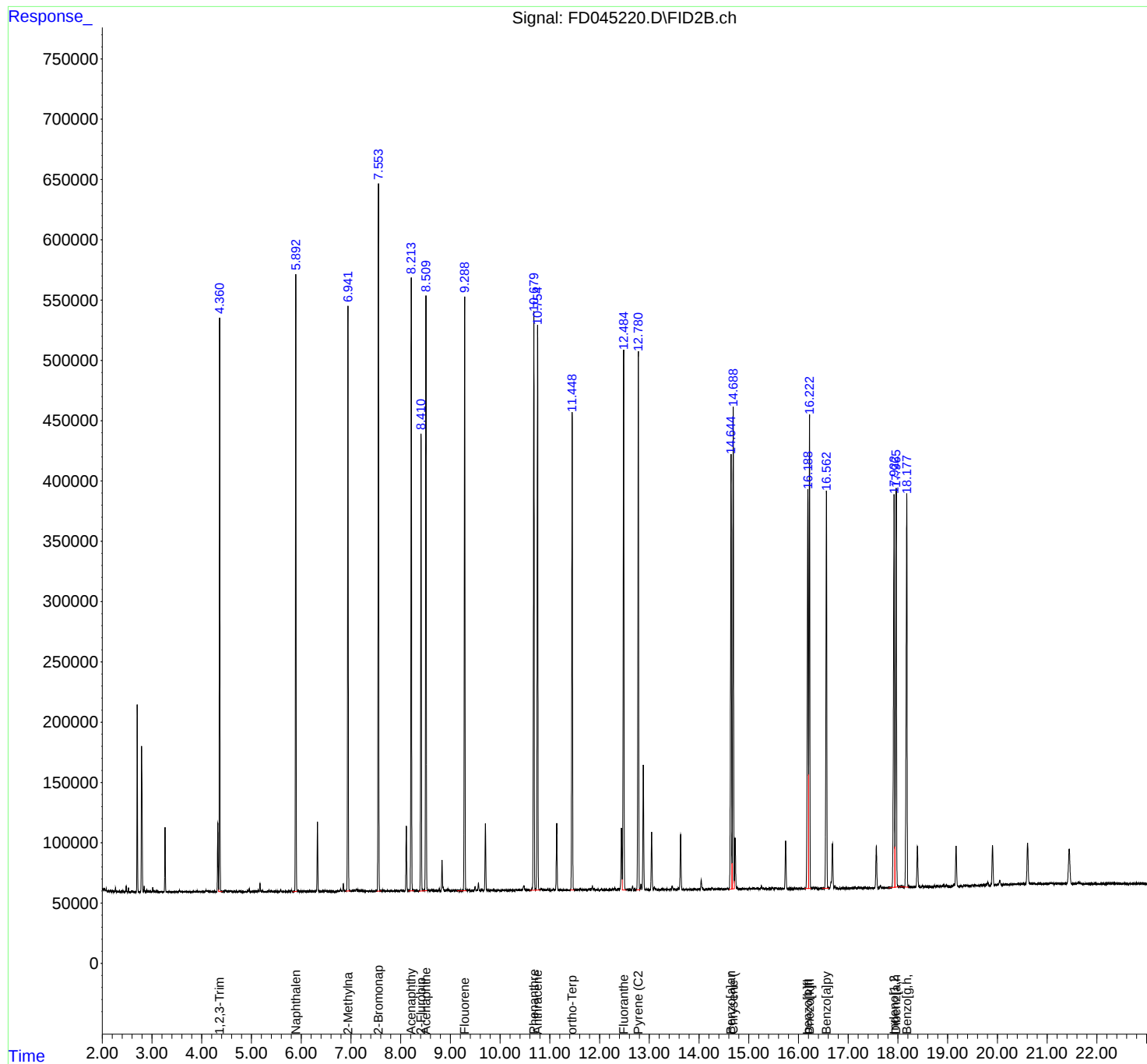
(m)=manual int.

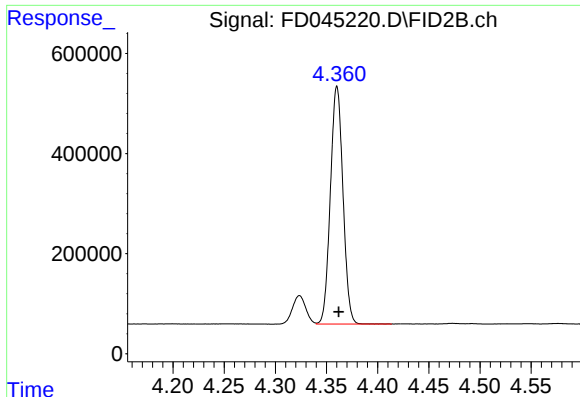
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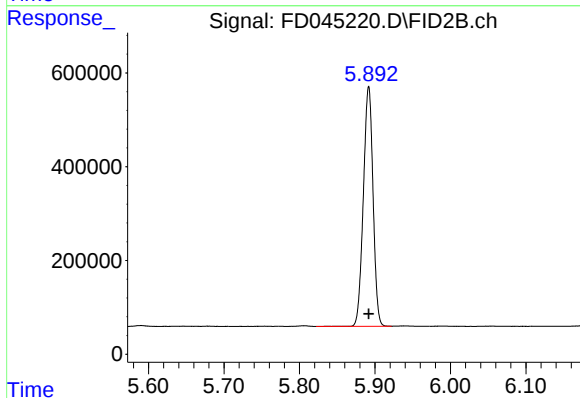




#1 1,2,3-Trimethylbenzene (C10.1)

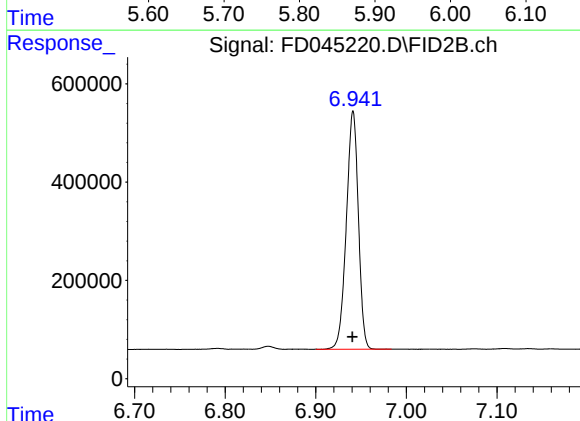
R.T.: 4.360 min
Delta R.T.: -0.002 min
Response: 4058624
Conc: 26.80 ug/ml

Instrument :
FID_D
ClientSampleId :
B-19-SB02MSD



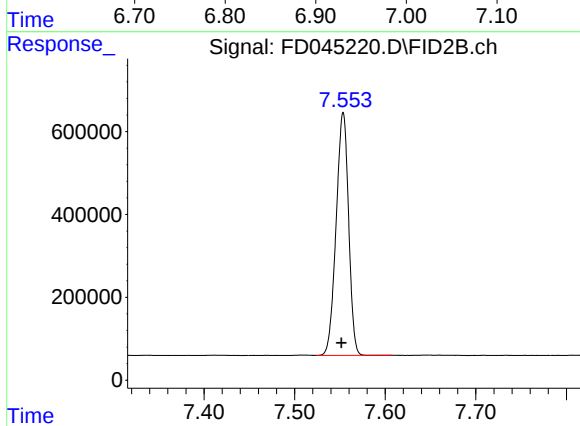
#2 Naphthalene (C11.7)

R.T.: 5.892 min
Delta R.T.: 0.000 min
Response: 4553045
Conc: 28.82 ug/ml



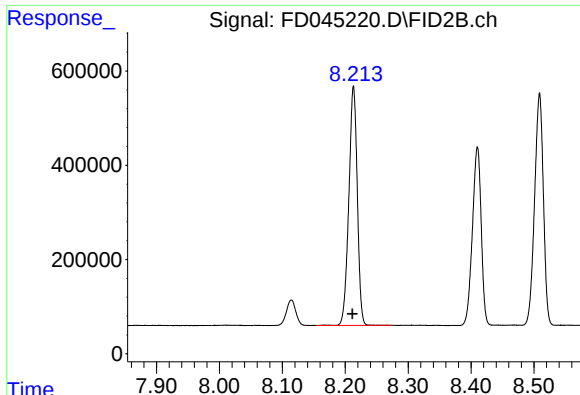
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.941 min
Delta R.T.: 0.000 min
Response: 4475264
Conc: 28.16 ug/ml



#4 2-Bromonaphthalene (SURR)

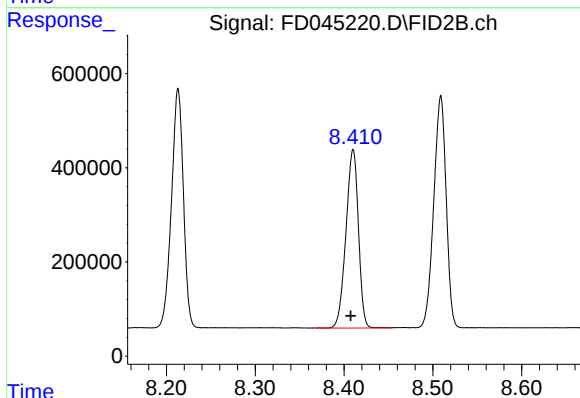
R.T.: 7.553 min
Delta R.T.: 0.002 min
Response: 5599587
Conc: 41.26 ug/ml



#5 Acenaphthylene (C15.06)

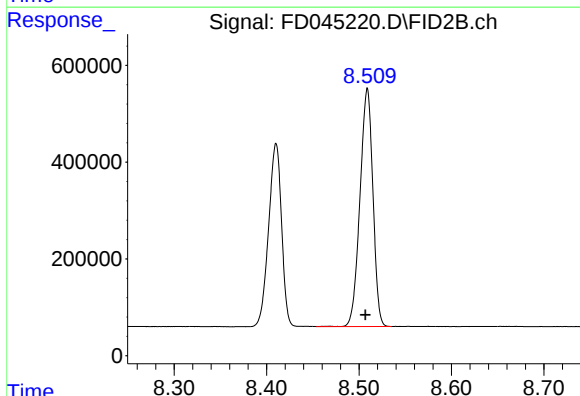
R.T.: 8.213 min
Delta R.T.: 0.002 min
Response: 4747701
Conc: 33.11 ug/ml

Instrument :
FID_D
ClientSampleId :
B-19-SB02MSD



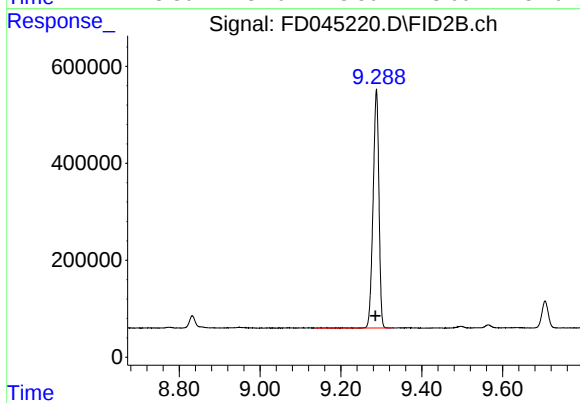
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.410 min
Delta R.T.: 0.003 min
Response: 3698224
Conc: 41.30 ug/ml



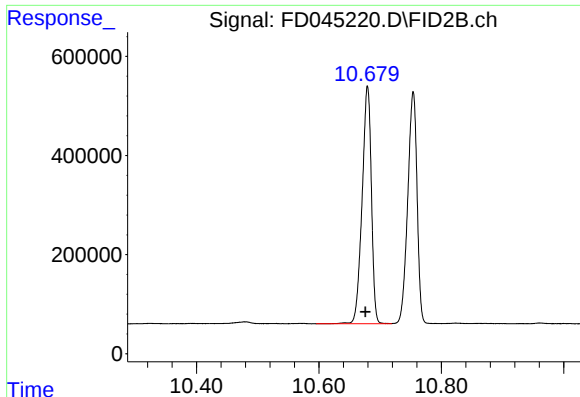
#7 Acenaphthene (C15.5)

R.T.: 8.509 min
Delta R.T.: 0.002 min
Response: 4787453
Conc: 31.59 ug/ml



#8 Fluorene (C16.55)

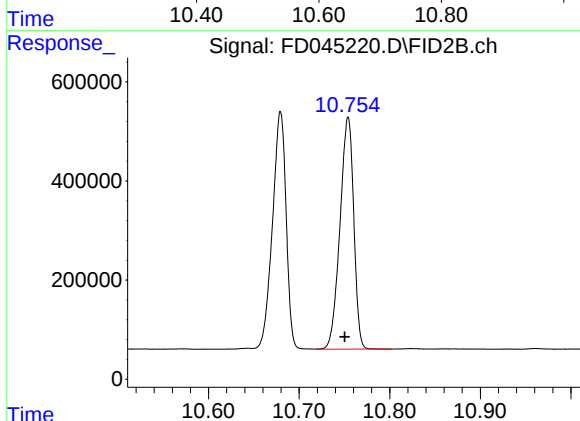
R.T.: 9.288 min
Delta R.T.: 0.002 min
Response: 4921323
Conc: 33.43 ug/ml



#9 Phenanthrene (C19.36)

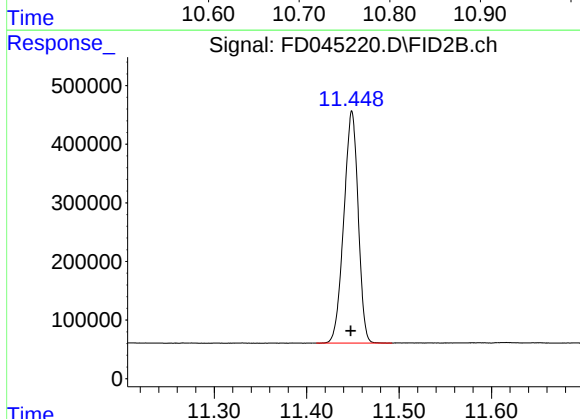
R.T.: 10.679 min
Delta R.T.: 0.003 min
Response: 5036222
Conc: 35.27 ug/ml

Instrument :
FID_D
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B-19-SB02MSD



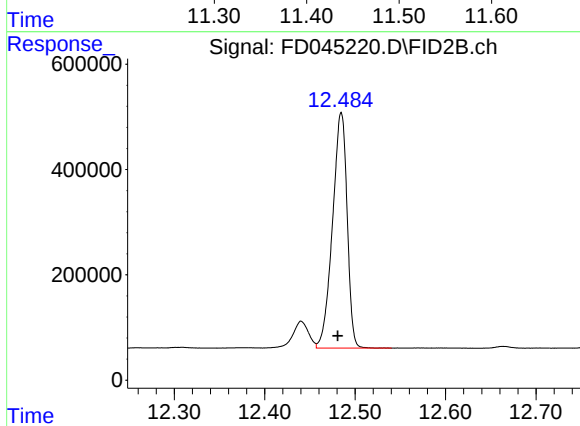
#10 Anthracene (C19.43)

R.T.: 10.754 min
Delta R.T.: 0.003 min
Response: 4946230
Conc: 35.30 ug/ml



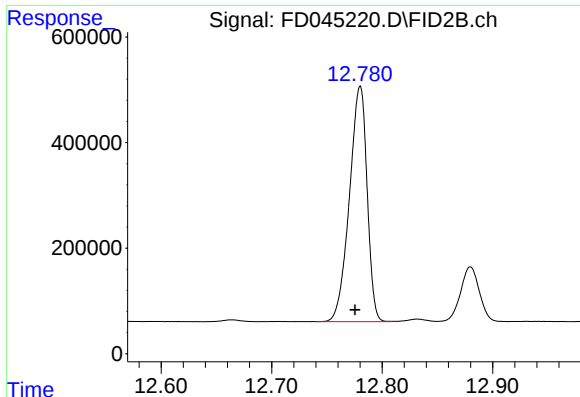
#11 ortho-Terphenyl (SURR)

R.T.: 11.449 min
Delta R.T.: 0.001 min
Response: 4264075
Conc: 25.62 ug/ml



#12 Fluoranthene (C21.85)

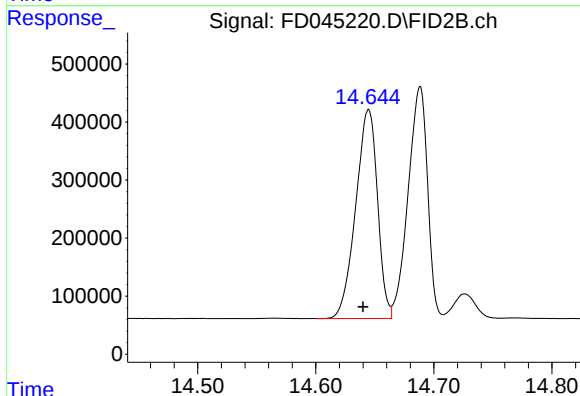
R.T.: 12.484 min
Delta R.T.: 0.004 min
Response: 5028554
Conc: 36.00 ug/ml



#13 Pyrene (C20.8)

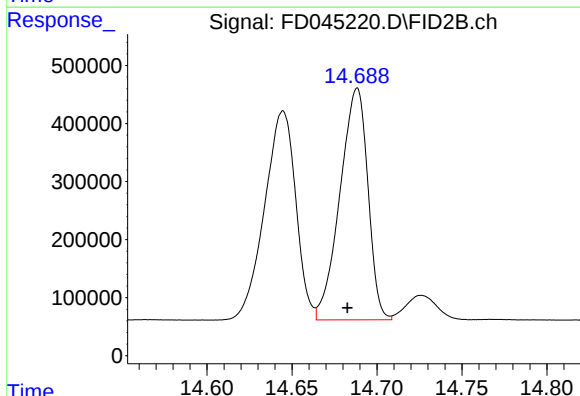
R.T.: 12.780 min
Delta R.T.: 0.004 min
Response: 4954751
Conc: 36.38 ug/ml

Instrument :
FID_D
ClientSampleId :
B-19-SB02MSD



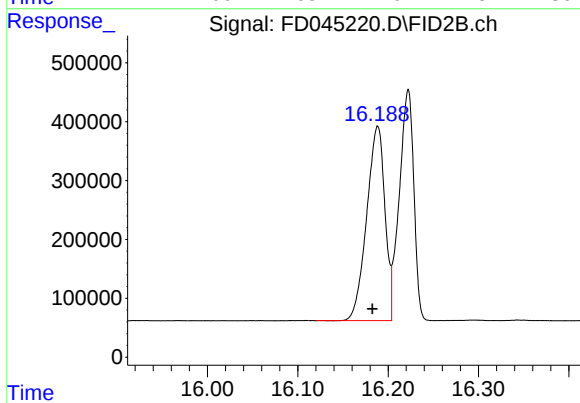
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.645 min
Delta R.T.: 0.004 min
Response: 4618706
Conc: 36.23 ug/ml



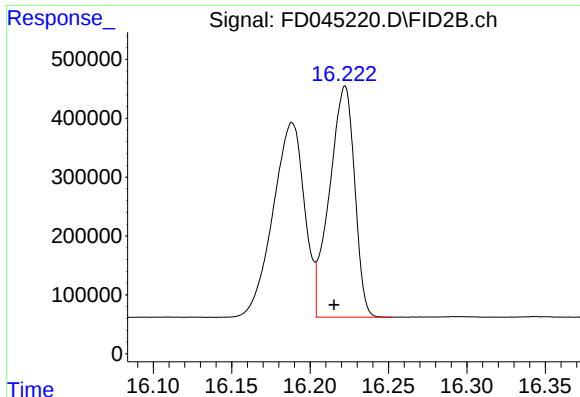
#15 Chrysene (C27.41)

R.T.: 14.688 min
Delta R.T.: 0.005 min
Response: 4564974
Conc: 35.03 ug/ml



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

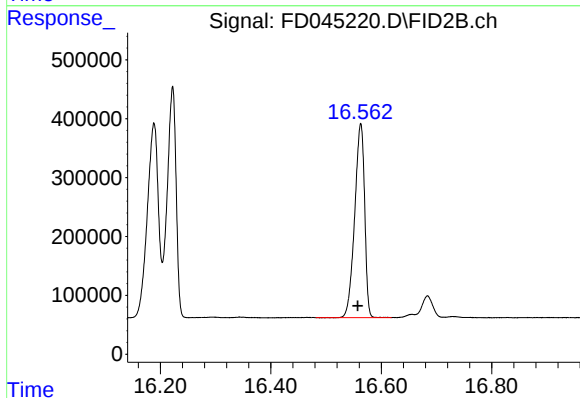
R.T.: 16.188 min
Delta R.T.: 0.006 min
Response: 4631075
Conc: 35.92 ug/ml



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

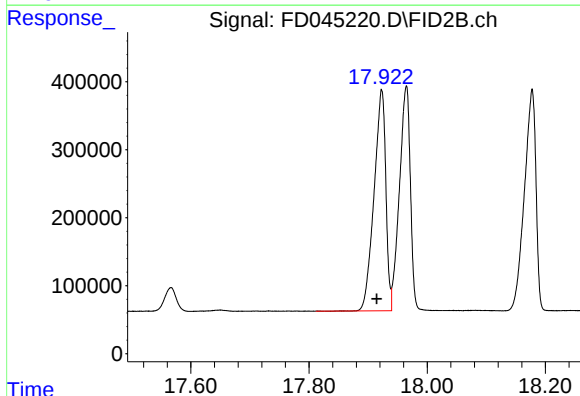
R.T.: 16.222 min
Delta R.T.: 0.006 min
Response: 4379404
Conc: 34.69 ug/ml

Instrument :
FID_D
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B-19-SB02MSD



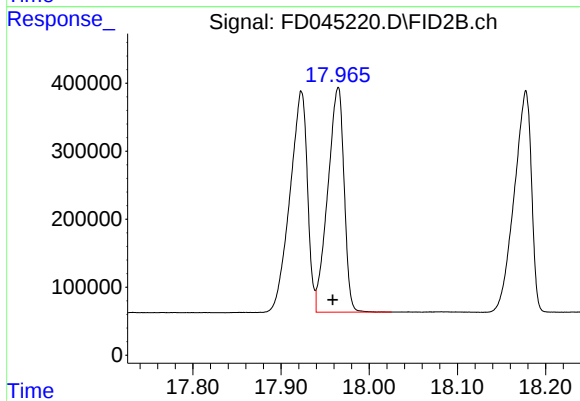
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.563 min
Delta R.T.: 0.005 min
Response: 4108943
Conc: 32.65 ug/ml



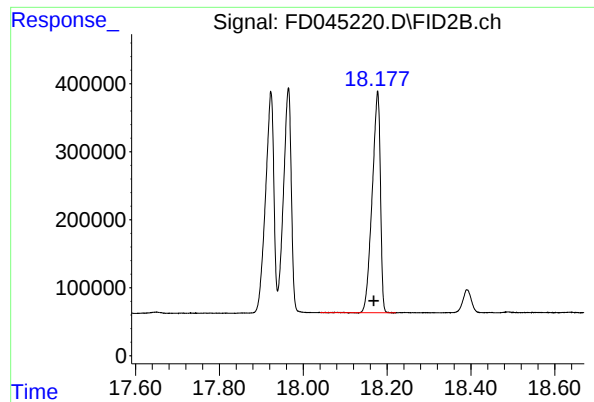
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.923 min
Delta R.T.: 0.008 min
Response: 4498121
Conc: 37.60 ug/ml



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

R.T.: 17.964 min
Delta R.T.: 0.006 min
Response: 4250705
Conc: 35.24 ug/ml



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

R.T.: 18.177 min
Delta R.T.: 0.009 min
Response: 4423814
Conc: 35.55 ug/ml

Instrument :
FID_D
ClientSampleId :
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