

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122024AR\
 Data File : FD048907.D
 Signal(s) : FID2B.ch
 Acq On : 20 Dec 2024 17:03
 Operator : YP/AJ
 Sample : P5299-04MSD
 Misc :
 ALS Vial : 70 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 SB-02MSD

Integration File: autoint1.e
 Quant Time: Dec 21 04:06:11 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 121024.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 10 06:07:50 2024
 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...	7.362	10138982	60.195 ug/ml
Spiked Amount 50.000		Recovery =	120.39%
6) S 2-Fluorobiphenyl (SURR)	8.212	6604556	63.931 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	127.86%
11) S ortho-Terphenyl (SURR)	11.246	6325440	35.604 ug/ml
Spiked Amount 50.000		Recovery =	71.21%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.184	6617523	34.951 ug/ml
2) T Naphthalene (C11.7)	5.701	7339717	38.411 ug/ml
3) T 2-Methylnaphthalene (...)	6.747	7083980	38.337 ug/ml
5) T Acenaphthylene (C15.06)	8.014	7969509	42.702 ug/ml
7) T Acenaphthene (C15.5)	8.310	8688275	46.652 ug/ml
8) T Flouorene (C16.55)	9.087	8727531	48.842 ug/ml
9) T Phenanthrene (C19.36)	10.475	8730455	52.270 ug/ml
10) T Anthracene (C19.43)	10.552	8872725	52.278 ug/ml
12) T Fluoranthene (C21.85)	12.281	8747915	53.443 ug/ml
13) T Pyrene (C20.8)	12.574	8560803	52.636 ug/ml
14) T Benzo[a]anthracene (C...	14.445	7789443	58.962 ug/ml
15) T Chrysene (C27.41)	14.487	7717598	47.805 ug/ml
16) T benzo[b]fluoranthene ...	15.994	7842202	58.251 ug/ml
17) T Bnezo[k]fluoranthene ...	16.028	7897196	51.846 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.370	7573436	54.757 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.738	7611290	71.421 ug/ml
20) T Dibenz[a,h]anthracene...	17.774	7608904	52.465 ug/ml
21) T Benzo[g,h,i]perylene ...	17.990	7539269	53.772 ug/ml

(f)=RT Delta > 1/2 Window

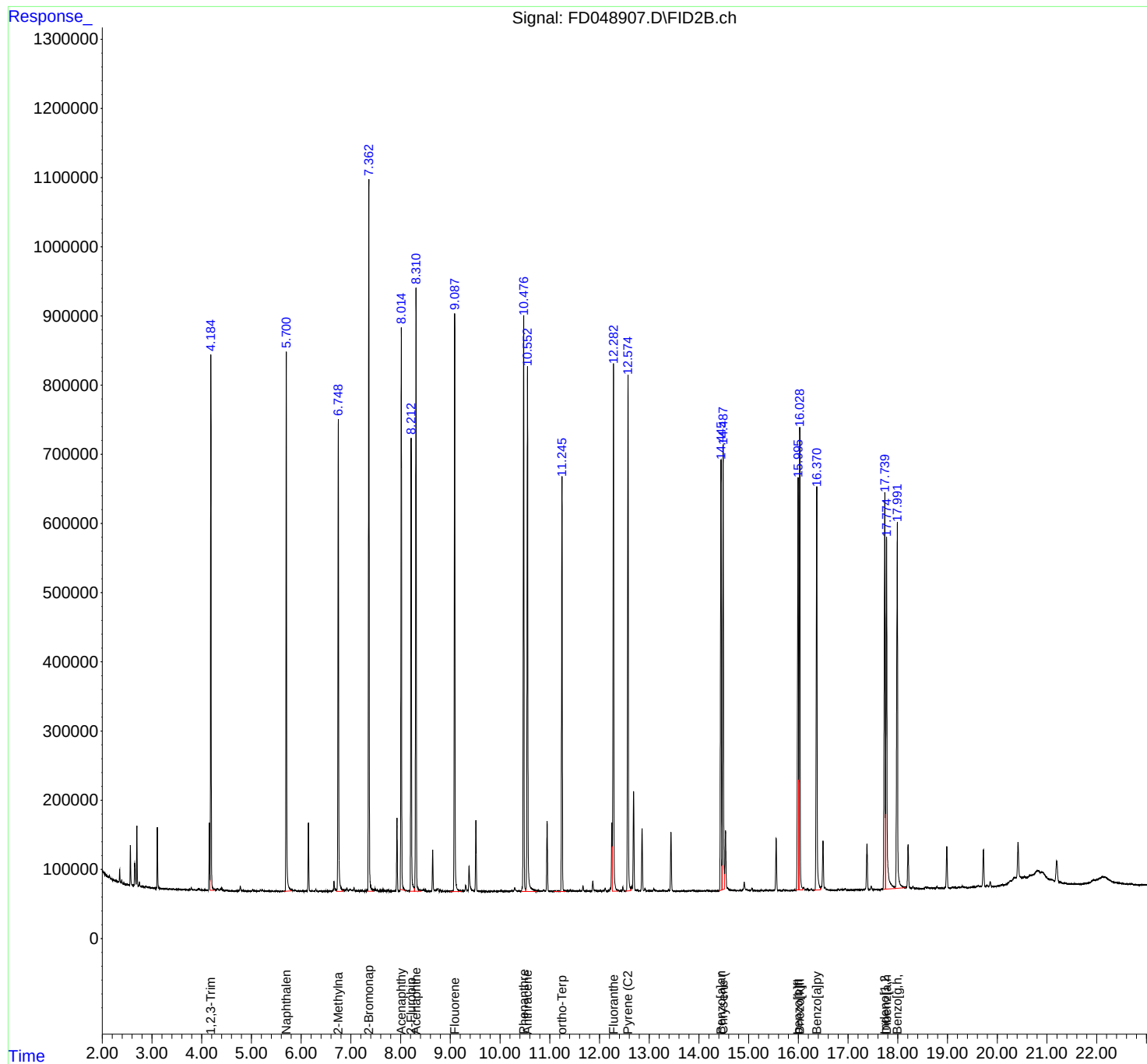
(m)=manual int.

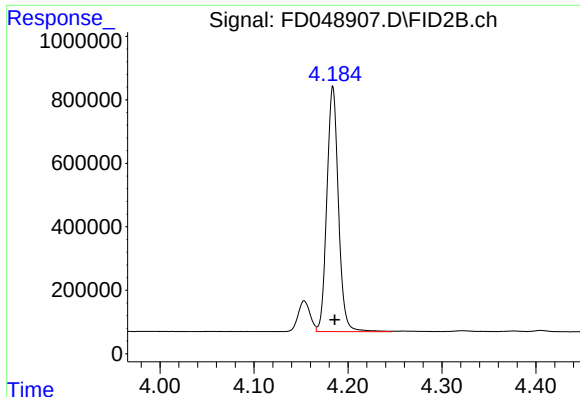
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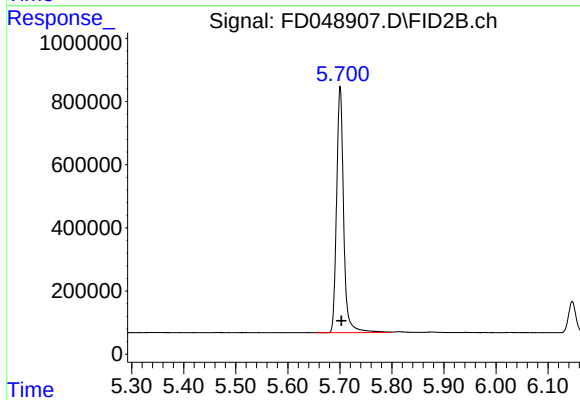




#1 1,2,3-Trimethylbenzene (C10.1)

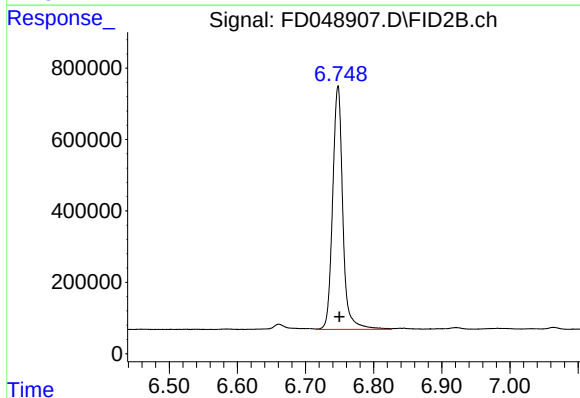
R.T.: 4.184 min
Delta R.T.: -0.002 min
Response: 6617523
Conc: 34.95 ug/ml

Instrument :
FID_D
ClientSampleId :
SB-02MSD



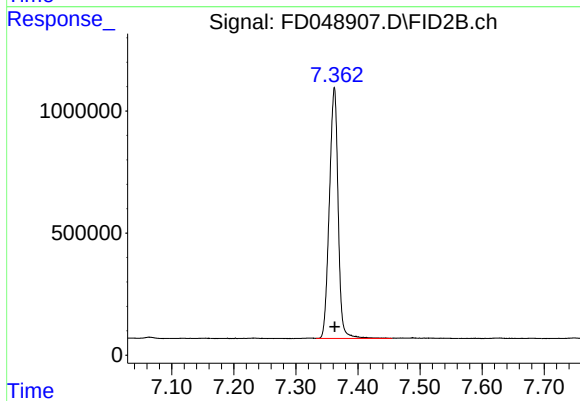
#2 Naphthalene (C11.7)

R.T.: 5.701 min
Delta R.T.: -0.003 min
Response: 7339717
Conc: 38.41 ug/ml



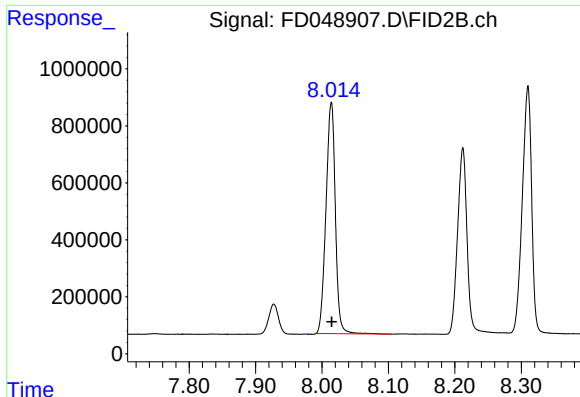
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.747 min
Delta R.T.: -0.002 min
Response: 7083980
Conc: 38.34 ug/ml



#4 2-Bromonaphthalene (SURR)

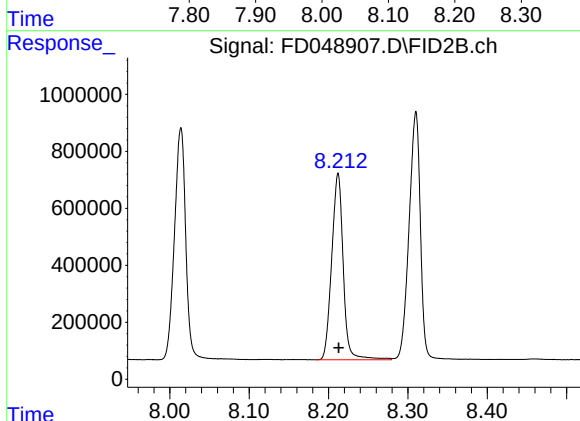
R.T.: 7.362 min
Delta R.T.: 0.000 min
Response: 10138982
Conc: 60.20 ug/ml



#5 Acenaphthylene (C15.06)

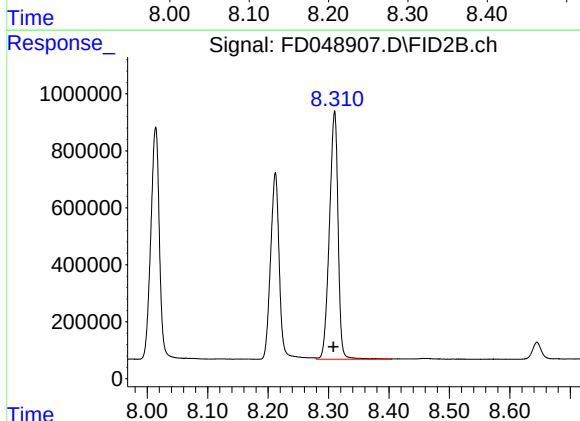
R.T.: 8.014 min
Delta R.T.: 0.000 min
Response: 7969509
Conc: 42.70 ug/ml

Instrument :
FID_D
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SB-02MSD



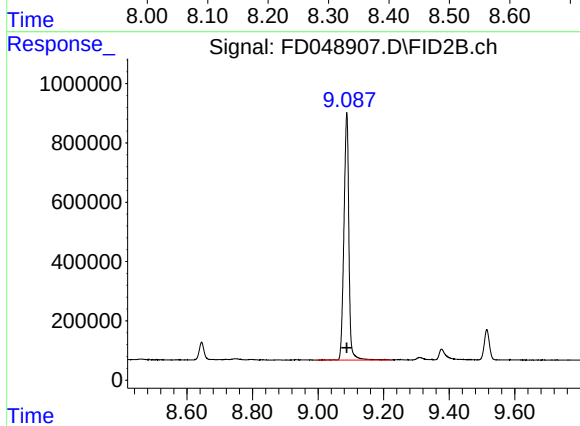
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.212 min
Delta R.T.: -0.001 min
Response: 6604556
Conc: 63.93 ug/ml



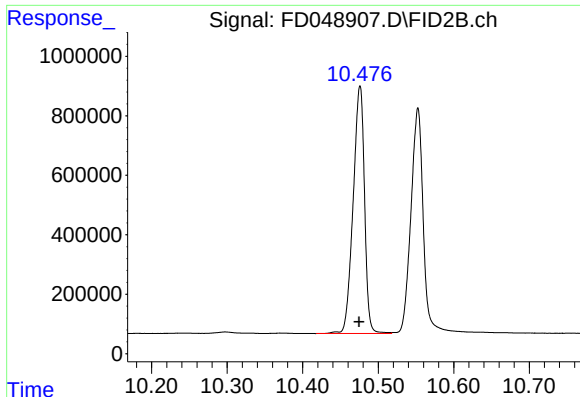
#7 Acenaphthene (C15.5)

R.T.: 8.310 min
Delta R.T.: 0.001 min
Response: 8688275
Conc: 46.65 ug/ml



#8 Fluorene (C16.55)

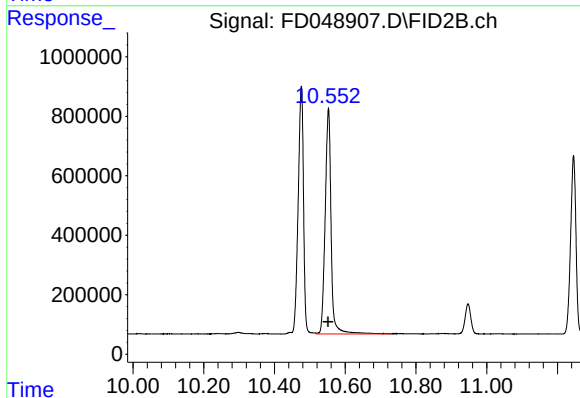
R.T.: 9.087 min
Delta R.T.: 0.000 min
Response: 8727531
Conc: 48.84 ug/ml



#9 Phenanthrene (C19.36)

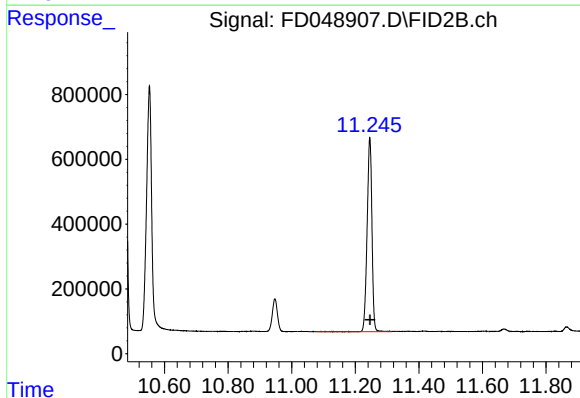
R.T.: 10.475 min
Delta R.T.: 0.000 min
Response: 8730455
Conc: 52.27 ug/ml

Instrument :
FID_D
ClientSampleId :
SB-02MSD



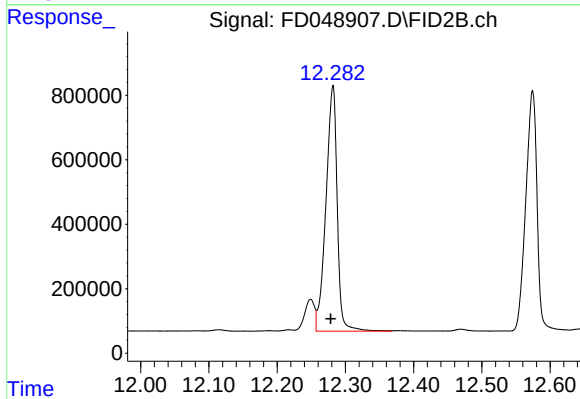
#10 Anthracene (C19.43)

R.T.: 10.552 min
Delta R.T.: 0.001 min
Response: 8872725
Conc: 52.28 ug/ml



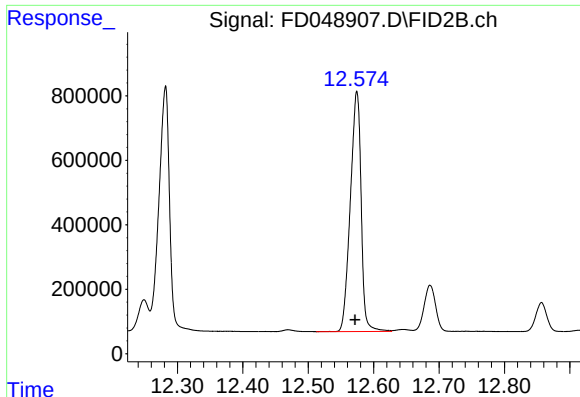
#11 ortho-Terphenyl (SURR)

R.T.: 11.246 min
Delta R.T.: -0.001 min
Response: 6325440
Conc: 35.60 ug/ml



#12 Fluoranthene (C21.85)

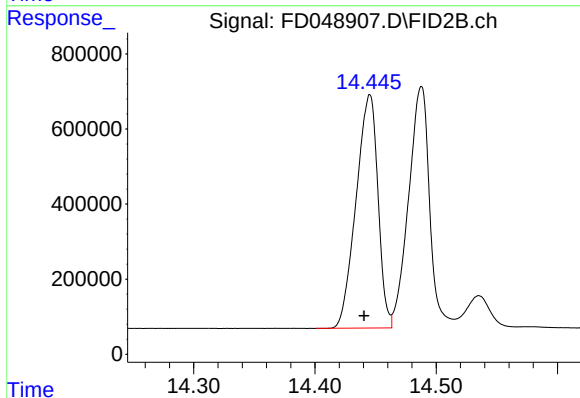
R.T.: 12.281 min
Delta R.T.: 0.003 min
Response: 8747915
Conc: 53.44 ug/ml



#13 Pyrene (C20.8)

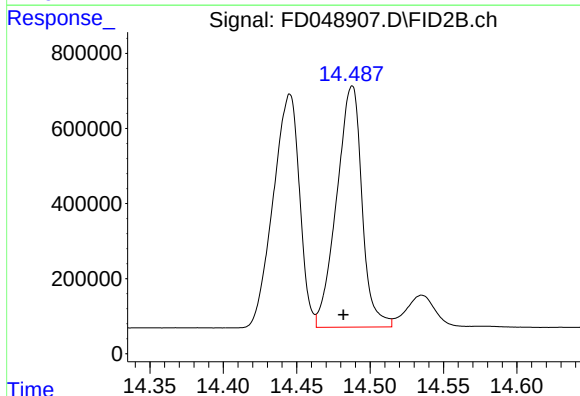
R.T.: 12.574 min
Delta R.T.: 0.002 min
Response: 8560803
Conc: 52.64 ug/ml

Instrument :
FID_D
ClientSampleId :
SB-02MSD



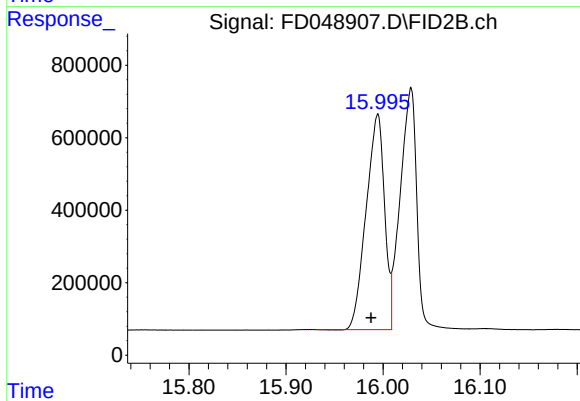
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.445 min
Delta R.T.: 0.004 min
Response: 7789443
Conc: 58.96 ug/ml



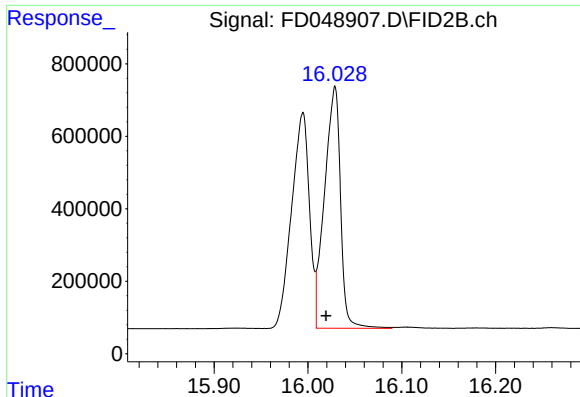
#15 Chrysene (C27.41)

R.T.: 14.487 min
Delta R.T.: 0.005 min
Response: 7717598
Conc: 47.80 ug/ml



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

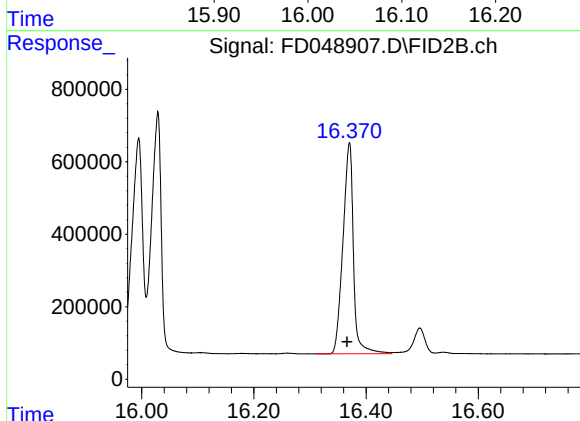
R.T.: 15.994 min
Delta R.T.: 0.006 min
Response: 7842202
Conc: 58.25 ug/ml



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

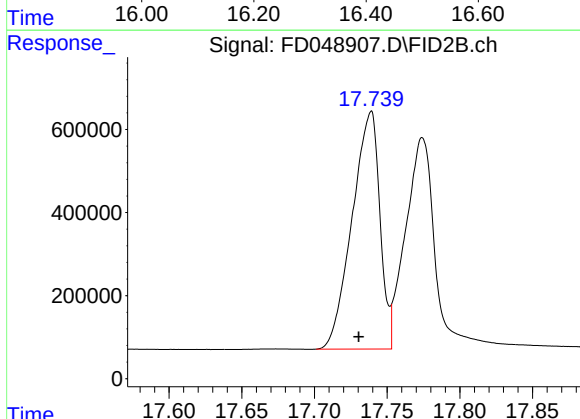
R.T.: 16.028 min
Delta R.T.: 0.008 min
Response: 7897196
Conc: 51.85 ug/ml

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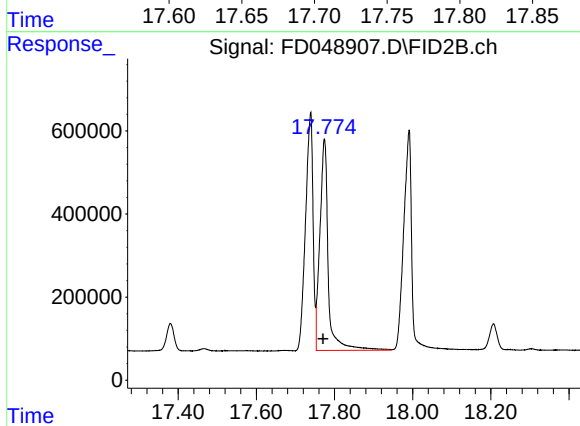
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.370 min
Delta R.T.: 0.004 min
Response: 7573436
Conc: 54.76 ug/ml



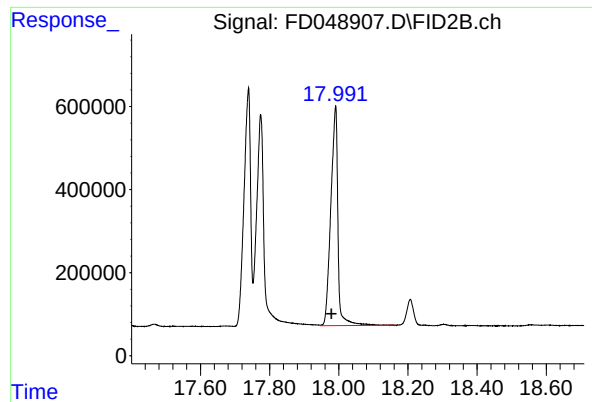
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.738 min
Delta R.T.: 0.007 min
Response: 7611290
Conc: 71.42 ug/ml



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

R.T.: 17.774 min
Delta R.T.: 0.003 min
Response: 7608904
Conc: 52.47 ug/ml



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

R.T.: 17.990 min
Delta R.T.: 0.011 min
Response: 7539269
Conc: 53.77 ug/ml

Instrument :
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ClientSampleId :
SB-02MSD