

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD020723AR\
 Data File : FD044971.D
 Signal(s) : FID2B.ch
 Acq On : 07 Feb 2023 23:45
 Operator : YP/AJ
 Sample : 01416-01MS
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 B-01-SB01MS

Integration File: autoint1.e
 Quant Time: Feb 08 04:08:42 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 012323.M
 Quant Title : GC Extractables
 QLast Update : Mon Jan 23 15:00:18 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...	7.557	5708807	38.925 ug/ml
Spiked Amount 50.000		Recovery =	77.85%
6) S 2-Fluorobiphenyl (SURR)	8.414	3766106	37.732 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	75.46%
11) S ortho-Terphenyl (SURR)	11.455	6559130	35.291 ug/ml
Spiked Amount 50.000		Recovery =	70.58%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.365	4598795	28.809 ug/ml
2) T Naphthalene (C11.7)	5.896	5312523	31.355 ug/ml
3) T 2-Methylnaphthalene (...)	6.946	5363462	31.263 ug/ml
5) T Acenaphthylene (C15.06)	8.218	5850297	37.230 ug/ml
7) T Acenaphthene (C15.5)	8.514	5864512	35.271 ug/ml
8) T Flouorene (C16.55)	9.292	5875591	35.797 ug/ml
9) T Phenanthrene (C19.36)	10.684	6105032	37.759 ug/ml
10) T Anthracene (C19.43)	10.759	5944577	40.099 ug/ml
12) T Fluoranthene (C21.85)	12.490	6364380	39.767 ug/ml
13) T Pyrene (C20.8)	12.786	6277955	40.008 ug/ml
14) T Benzo[a]anthracene (C...	14.652	5774617	40.460 ug/ml
15) T Chrysene (C27.41)	14.696	5767462	38.953 ug/ml
16) T benzo[b]fluoranthene ...	16.196	5878220	40.520 ug/ml
17) T Bnezo[k]fluoranthene ...	16.230	5341625	37.466 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.571	5067719	36.266 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.930	5269558	39.158 ug/ml
20) T Dibenz[a,h]anthracene...	17.972	5064191	38.215 ug/ml
21) T Benzo[g,h,i]perylene ...	18.186	5224978	38.428 ug/ml

(f)=RT Delta > 1/2 Window

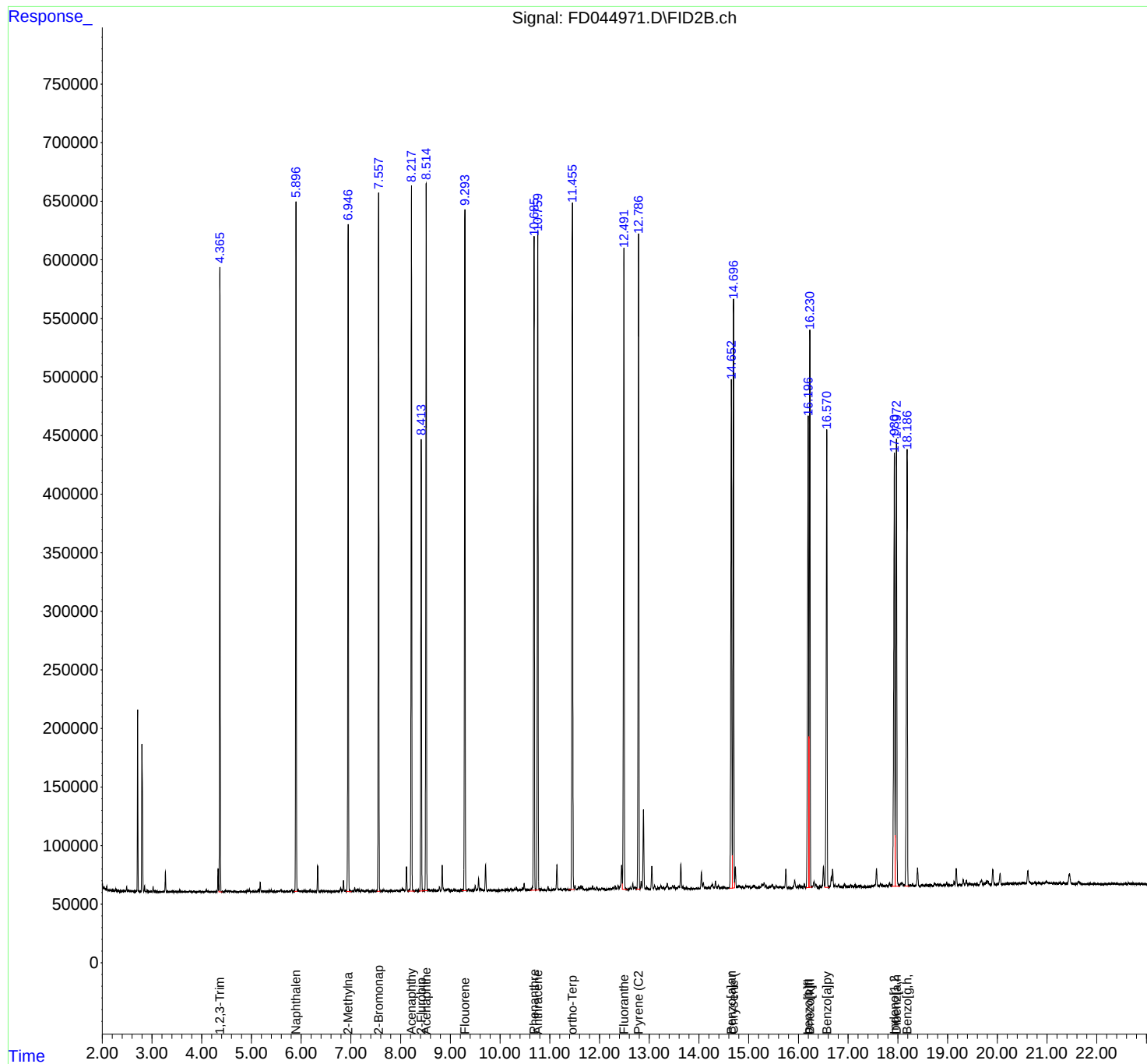
(m)=manual int.

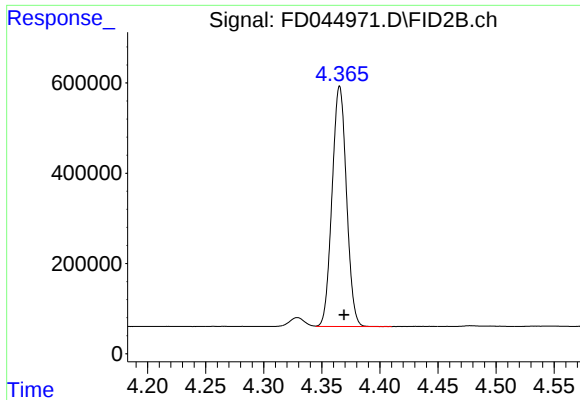
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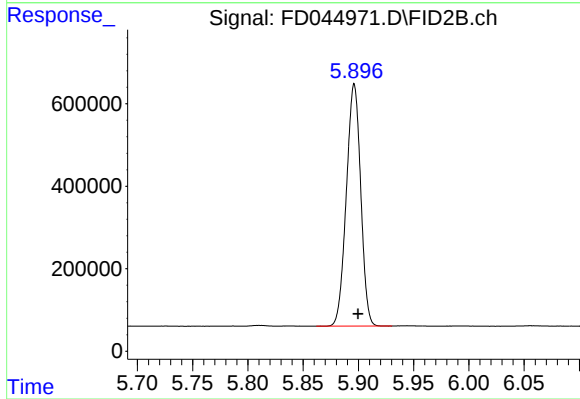




#1 1,2,3-Trimethylbenzene (C10.1)

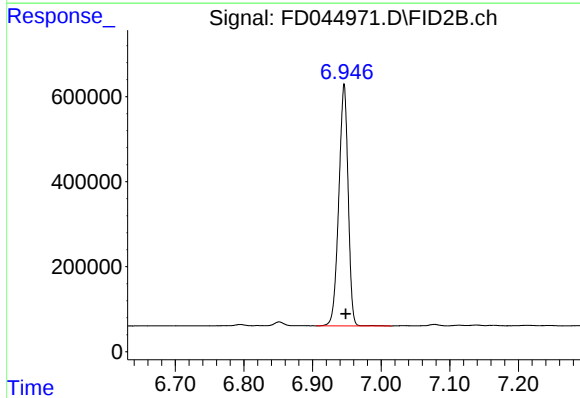
R.T.: 4.365 min
Delta R.T.: -0.004 min
Response: 4598795
Conc: 28.81 ug/ml

Instrument :
FID_D
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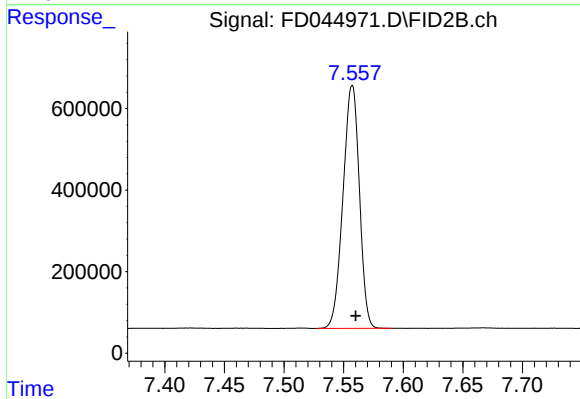
#2 Naphthalene (C11.7)

R.T.: 5.896 min
Delta R.T.: -0.003 min
Response: 5312523
Conc: 31.35 ug/ml



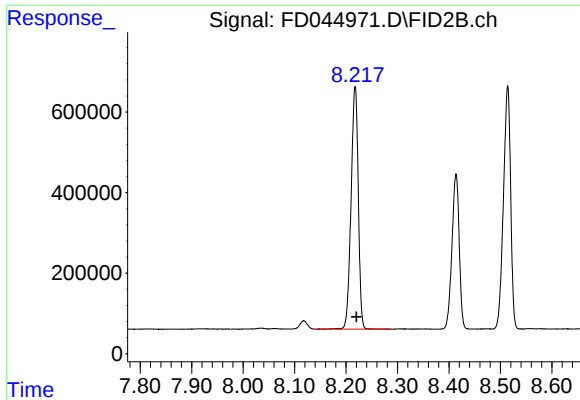
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.946 min
Delta R.T.: -0.003 min
Response: 5363462
Conc: 31.26 ug/ml



#4 2-Bromonaphthalene (SURR)

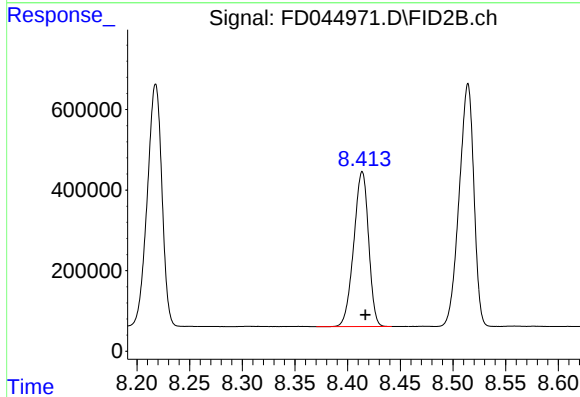
R.T.: 7.557 min
Delta R.T.: -0.003 min
Response: 5708807
Conc: 38.93 ug/ml



#5 Acenaphthylene (C15.06)

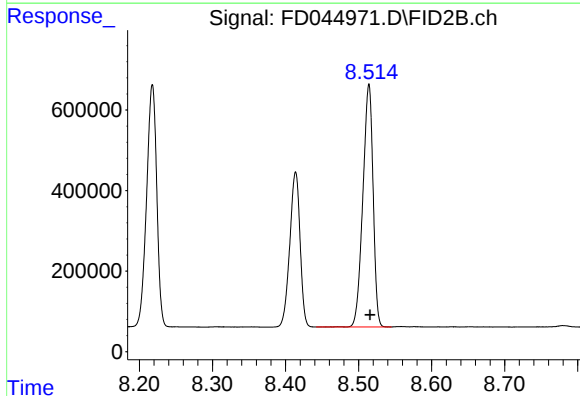
R.T.: 8.218 min
Delta R.T.: -0.003 min
Response: 5850297
Conc: 37.23 ug/ml

Instrument :
FID_D
ClientSampleId :
B-01-SB01MS



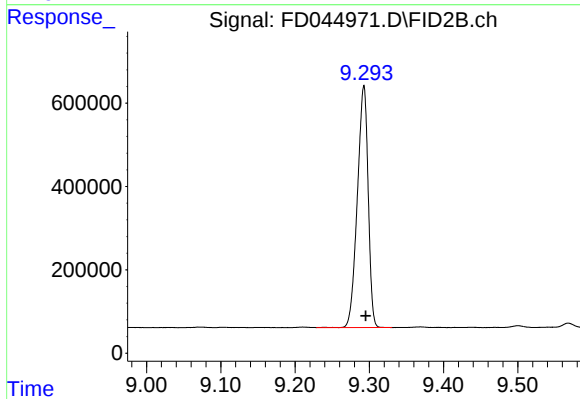
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.414 min
Delta R.T.: -0.003 min
Response: 3766106
Conc: 37.73 ug/ml



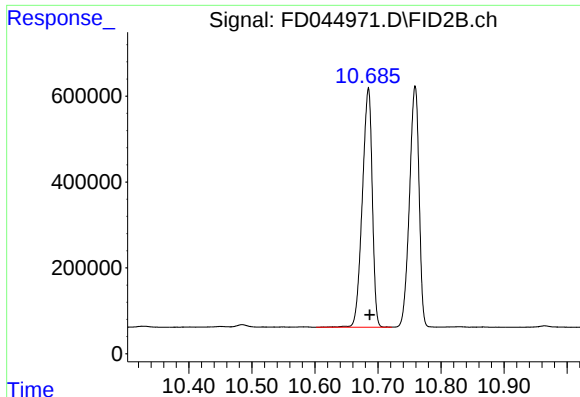
#7 Acenaphthene (C15.5)

R.T.: 8.514 min
Delta R.T.: -0.002 min
Response: 5864512
Conc: 35.27 ug/ml



#8 Fluorene (C16.55)

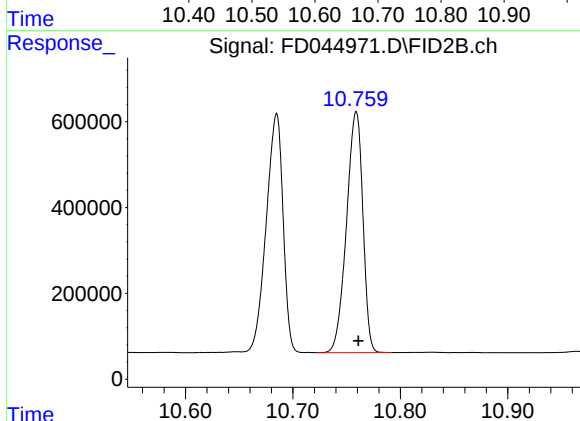
R.T.: 9.292 min
Delta R.T.: -0.003 min
Response: 5875591
Conc: 35.80 ug/ml



#9 Phenanthrene (C19.36)

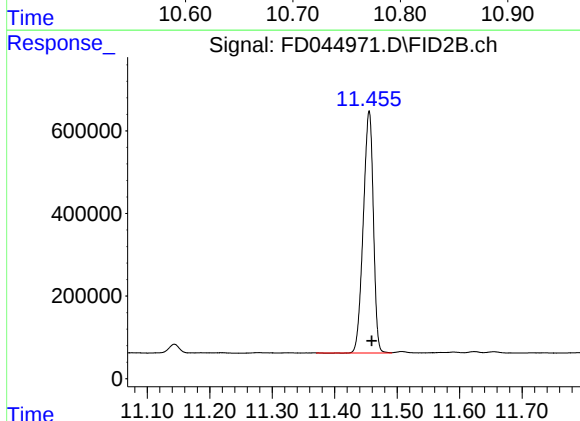
R.T.: 10.684 min
Delta R.T.: -0.003 min
Response: 6105032
Conc: 37.76 ug/ml

Instrument :
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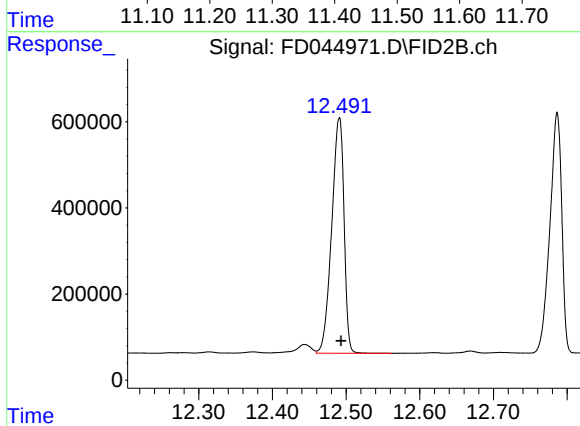
#10 Anthracene (C19.43)

R.T.: 10.759 min
Delta R.T.: -0.002 min
Response: 5944577
Conc: 40.10 ug/ml



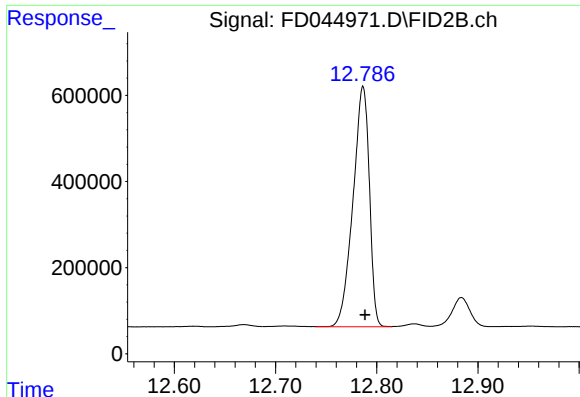
#11 ortho-Terphenyl (SURR)

R.T.: 11.455 min
Delta R.T.: -0.004 min
Response: 6559130
Conc: 35.29 ug/ml



#12 Fluoranthene (C21.85)

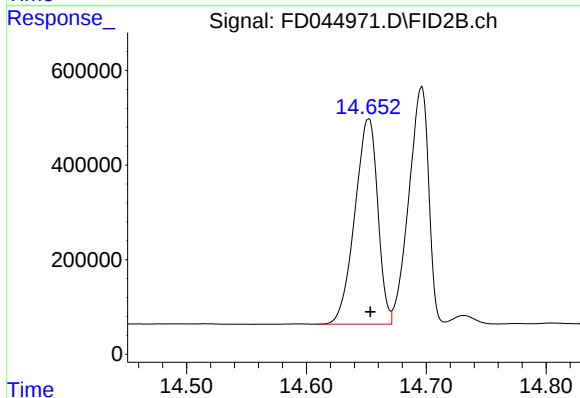
R.T.: 12.490 min
Delta R.T.: -0.003 min
Response: 6364380
Conc: 39.77 ug/ml



#13 Pyrene (C20.8)

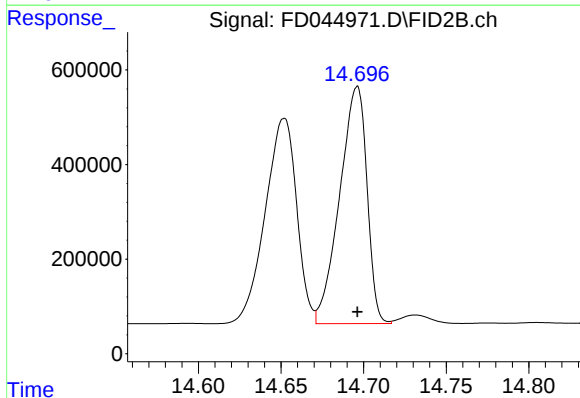
R.T.: 12.786 min
Delta R.T.: -0.002 min
Response: 6277955
Conc: 40.01 ug/ml

Instrument :
FID_D
ClientSampleId :
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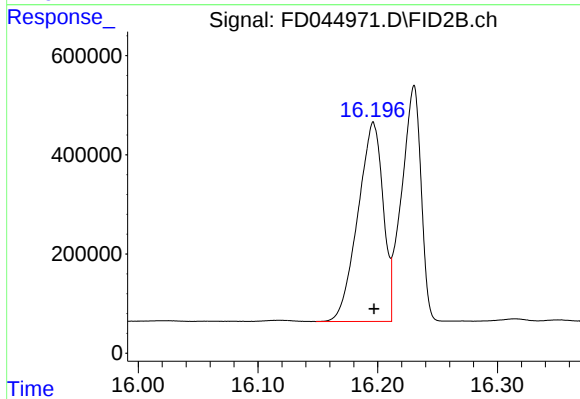
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.652 min
Delta R.T.: -0.002 min
Response: 5774617
Conc: 40.46 ug/ml



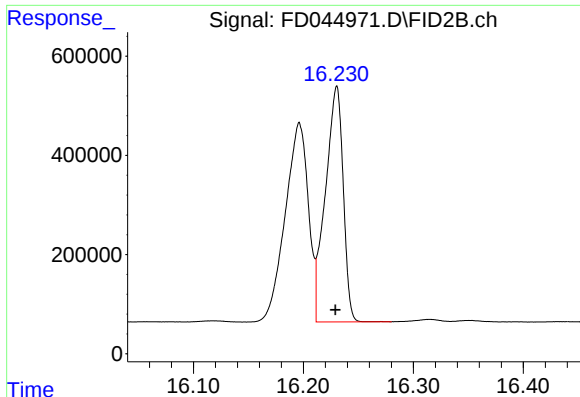
#15 Chrysene (C27.41)

R.T.: 14.696 min
Delta R.T.: 0.000 min
Response: 5767462
Conc: 38.95 ug/ml



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

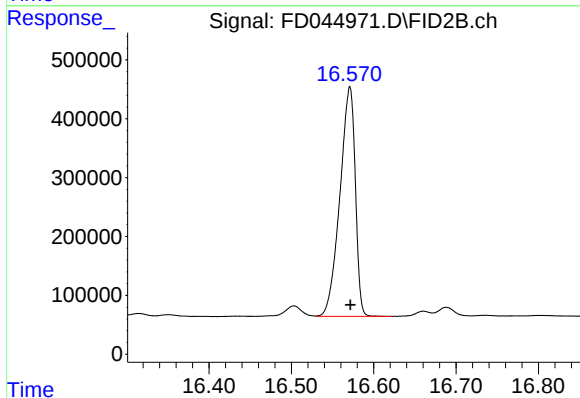
R.T.: 16.196 min
Delta R.T.: 0.000 min
Response: 5878220
Conc: 40.52 ug/ml



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

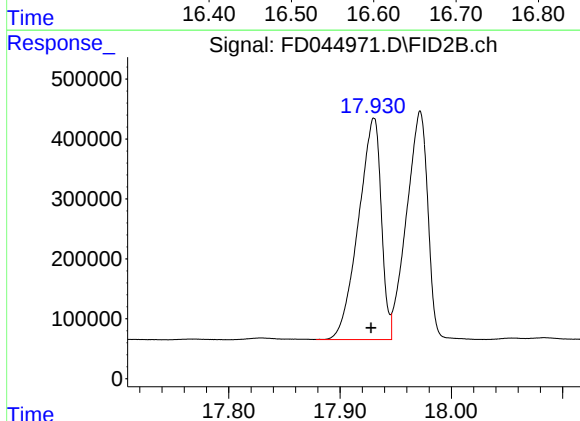
R.T.: 16.230 min
Delta R.T.: 0.000 min
Response: 5341625
Conc: 37.47 ug/ml

Instrument :
FID_D
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B-01-SB01MS



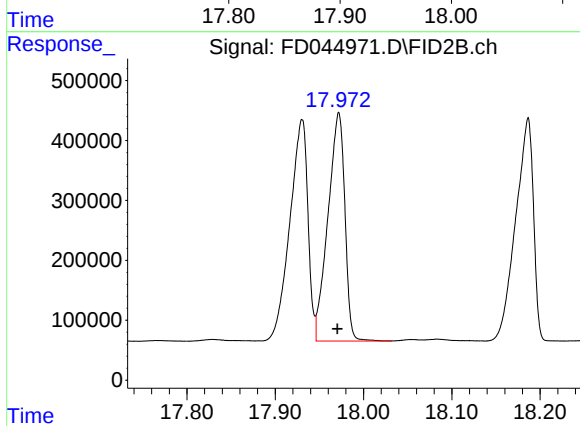
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.571 min
Delta R.T.: -0.001 min
Response: 5067719
Conc: 36.27 ug/ml



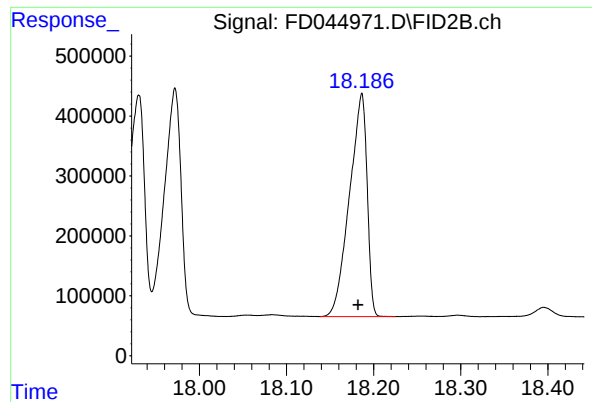
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.930 min
Delta R.T.: 0.002 min
Response: 5269558
Conc: 39.16 ug/ml



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

R.T.: 17.972 min
Delta R.T.: 0.000 min
Response: 5064191
Conc: 38.21 ug/ml



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

R.T.: 18.186 min
Delta R.T.: 0.004 min
Response: 5224978
Conc: 38.43 ug/ml

Instrument :
FID_D
ClientSampleId :
B-01-SB01MS