

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD020723AR\
 Data File : FD044967.D
 Signal(s) : FID2B.ch
 Acq On : 07 Feb 2023 21:00
 Operator : YP/AJ
 Sample : PB150705BS
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB150705BS

Integration File: autoint1.e
 Quant Time: Feb 08 04:08:14 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	6067564	41.371 ug/ml
Spiked Amount 50.000		Recovery =	82.74%
6) S 2-Fluorobiphenyl (SURR)	8.414	4058102	40.657 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	81.31%
11) S ortho-Terphenyl (SURR)	11.455	6181247	33.258 ug/ml
Spiked Amount 50.000		Recovery =	66.52%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.366	4676907	29.299 ug/ml
2) T Naphthalene (C11.7)	5.896	5284196	31.188 ug/ml
3) T 2-Methylnaphthalene (...)	6.945	5238458	30.535 ug/ml
5) T Acenaphthylene (C15.06)	8.217	5716925	36.381 ug/ml
7) T Acenaphthene (C15.5)	8.513	5812016	34.955 ug/ml
8) T Flouorene (C16.55)	9.292	5915018	36.037 ug/ml
9) T Phenanthrene (C19.36)	10.683	5989969	37.048 ug/ml
10) T Anthracene (C19.43)	10.758	5904693	39.830 ug/ml
12) T Fluoranthene (C21.85)	12.490	5960155	37.241 ug/ml
13) T Pyrene (C20.8)	12.785	5933636	37.814 ug/ml
14) T Benzo[a]anthracene (C...	14.651	5484643	38.428 ug/ml
15) T Chrysene (C27.41)	14.694	5402270	36.486 ug/ml
16) T benzo[b]fluoranthene ...	16.194	5450892	37.574 ug/ml
17) T Bnezo[k]fluoranthene ...	16.228	5151491	36.133 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.570	4805975	34.393 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.929	4993763	37.109 ug/ml
20) T Dibenz[a,h]anthracene...	17.971	4782011	36.086 ug/ml
21) T Benzo[g,h,i]perylene ...	18.184	5013927	36.876 ug/ml

(f)=RT Delta > 1/2 Window

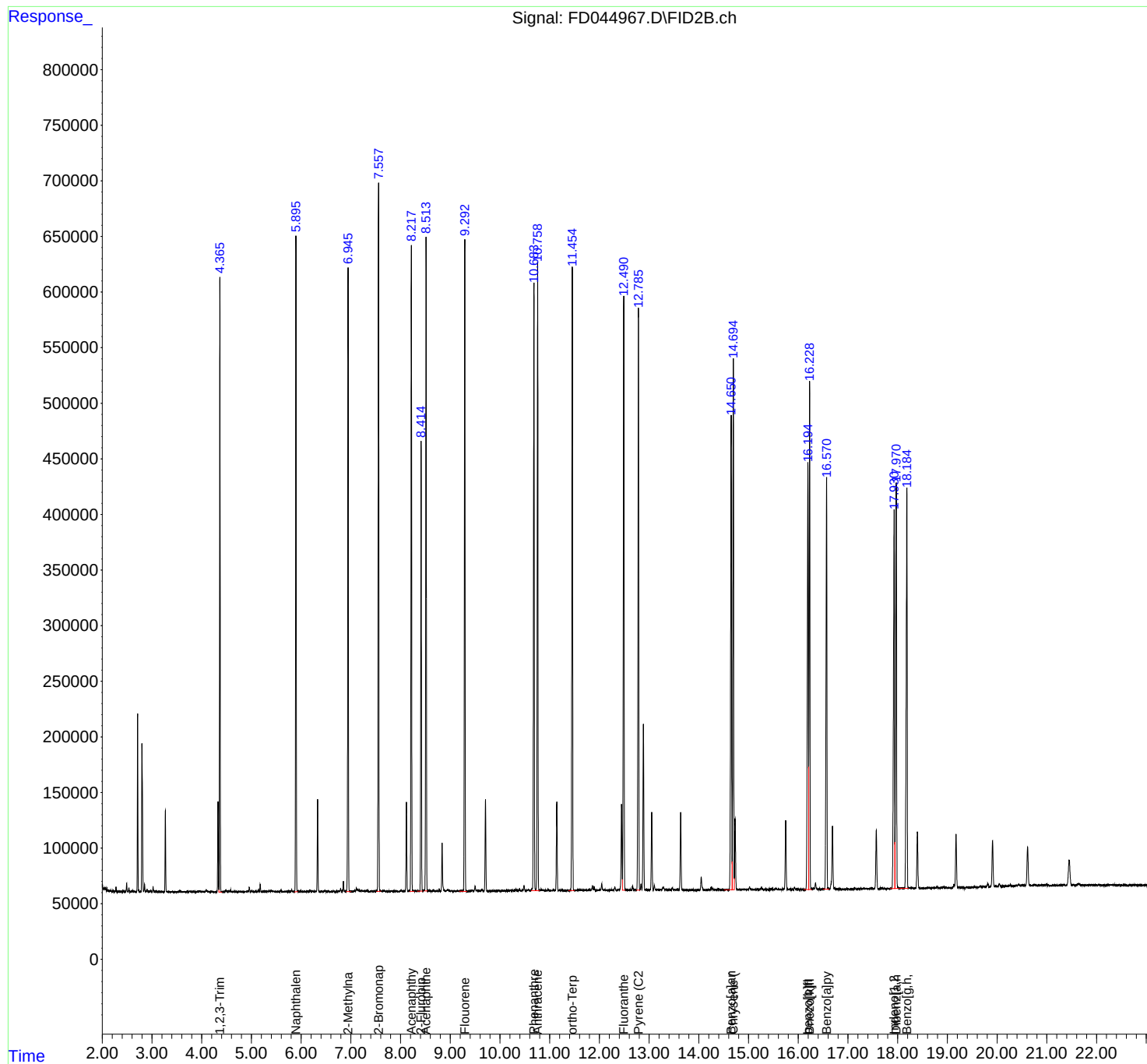
(m)=manual int.

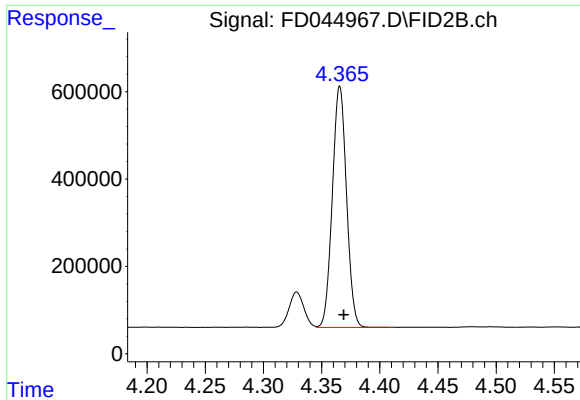
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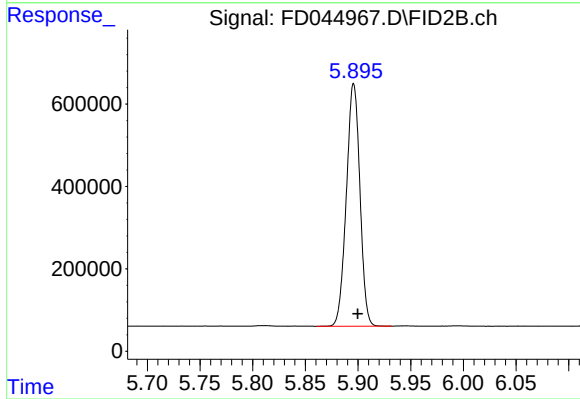




#1 1,2,3-Trimethylbenzene (C10.1)

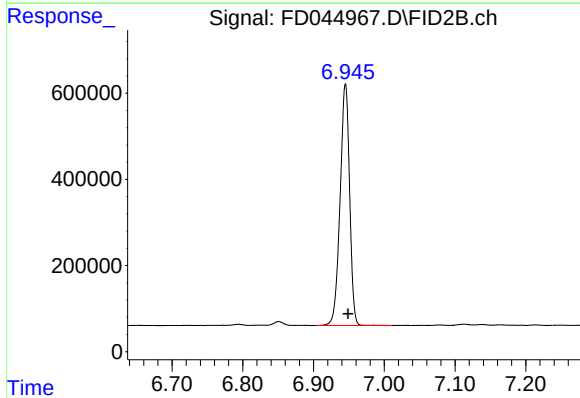
R.T.: 4.366 min
Delta R.T.: -0.003 min
Response: 4676907
Conc: 29.30 ug/ml

Instrument :
FID_D
ClientSampleId :
PB150705BS



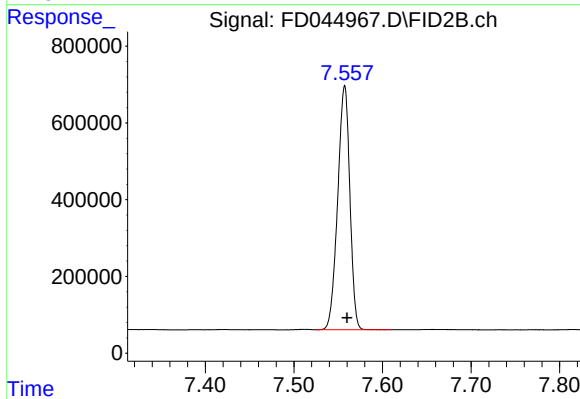
#2 Naphthalene (C11.7)

R.T.: 5.896 min
Delta R.T.: -0.004 min
Response: 5284196
Conc: 31.19 ug/ml



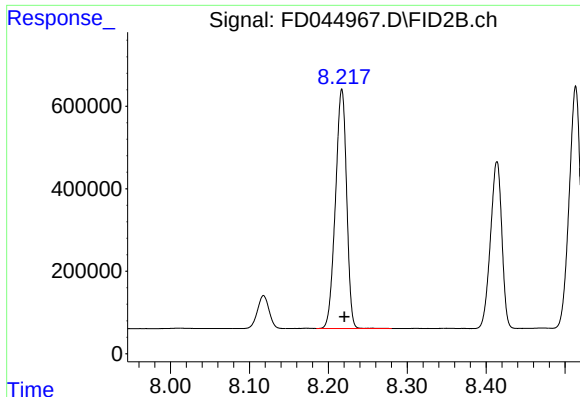
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.945 min
Delta R.T.: -0.004 min
Response: 5238458
Conc: 30.53 ug/ml



#4 2-Bromonaphthalene (SURR)

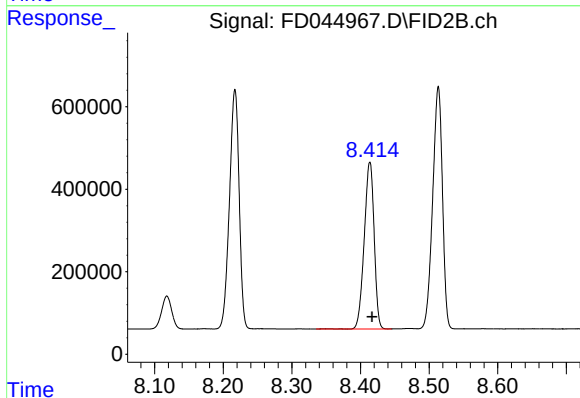
R.T.: 7.557 min
Delta R.T.: -0.003 min
Response: 6067564
Conc: 41.37 ug/ml



#5 Acenaphthylene (C15.06)

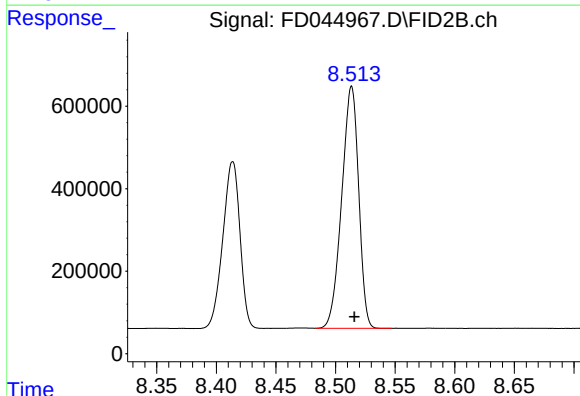
R.T.: 8.217 min
Delta R.T.: -0.003 min
Response: 5716925
Conc: 36.38 ug/ml

Instrument :
FID_D
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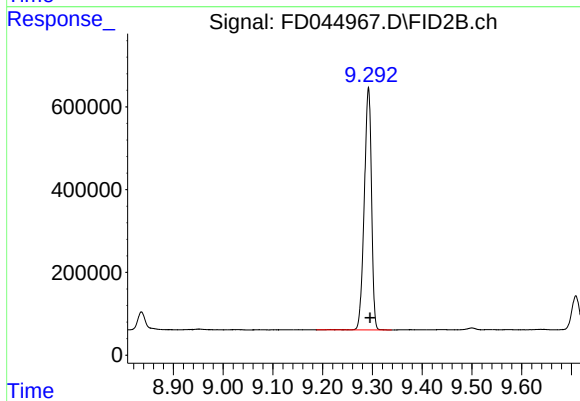
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.414 min
Delta R.T.: -0.003 min
Response: 4058102
Conc: 40.66 ug/ml



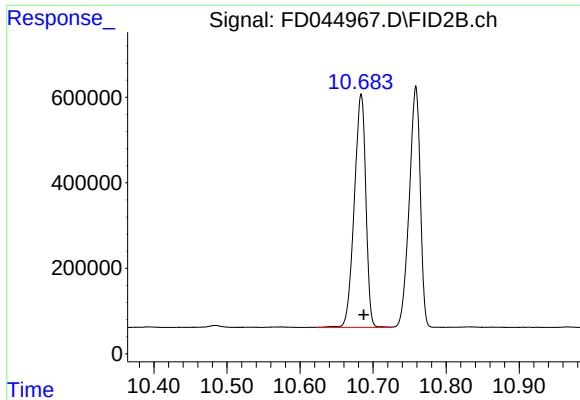
#7 Acenaphthene (C15.5)

R.T.: 8.513 min
Delta R.T.: -0.003 min
Response: 5812016
Conc: 34.96 ug/ml



#8 Fluorene (C16.55)

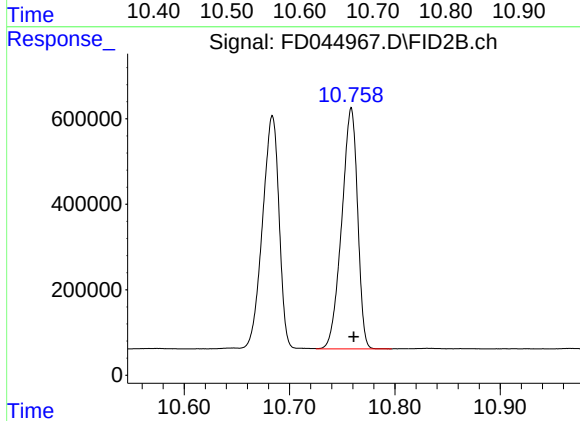
R.T.: 9.292 min
Delta R.T.: -0.003 min
Response: 5915018
Conc: 36.04 ug/ml



#9 Phenanthrene (C19.36)

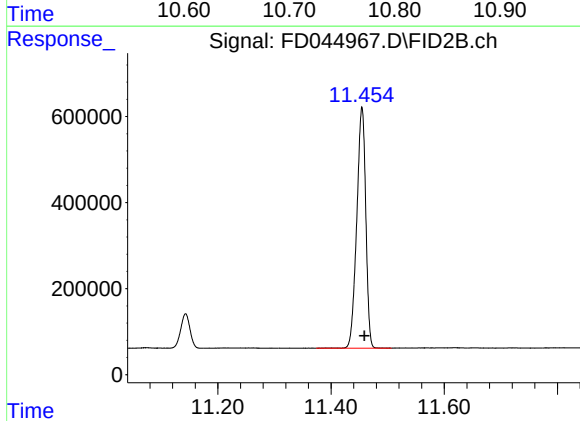
R.T.: 10.683 min
Delta R.T.: -0.004 min
Response: 5989969
Conc: 37.05 ug/ml

Instrument :
FID_D
ClientSampleId :
PB150705BS



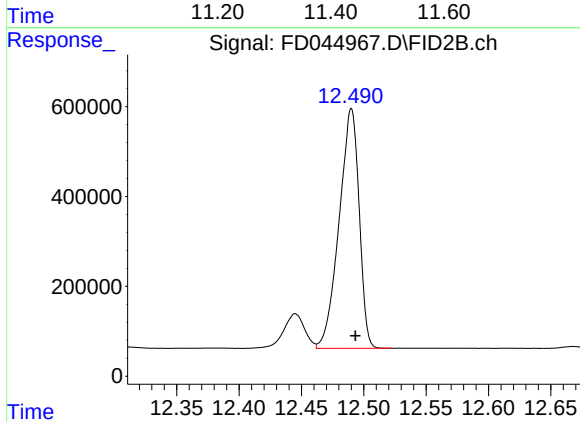
#10 Anthracene (C19.43)

R.T.: 10.758 min
Delta R.T.: -0.003 min
Response: 5904693
Conc: 39.83 ug/ml



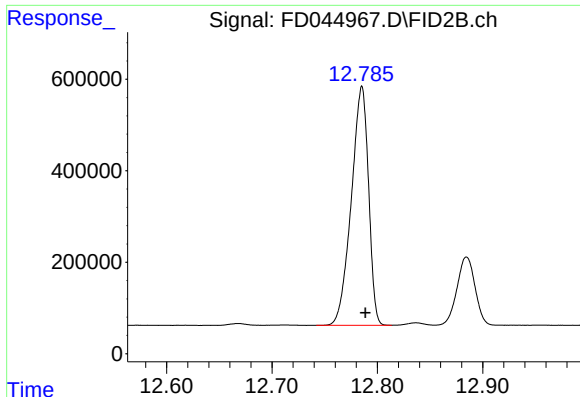
#11 ortho-Terphenyl (SURR)

R.T.: 11.455 min
Delta R.T.: -0.005 min
Response: 6181247
Conc: 33.26 ug/ml



#12 Fluoranthene (C21.85)

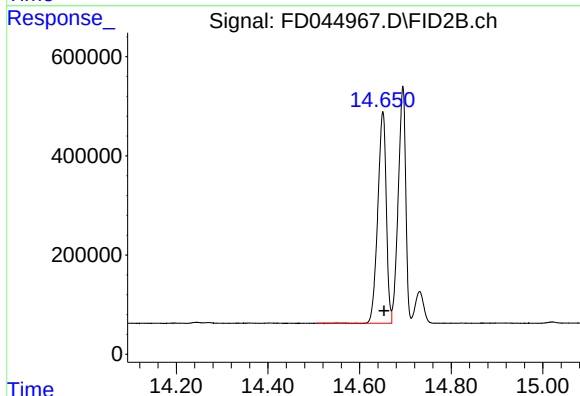
R.T.: 12.490 min
Delta R.T.: -0.003 min
Response: 5960155
Conc: 37.24 ug/ml



#13 Pyrene (C20.8)

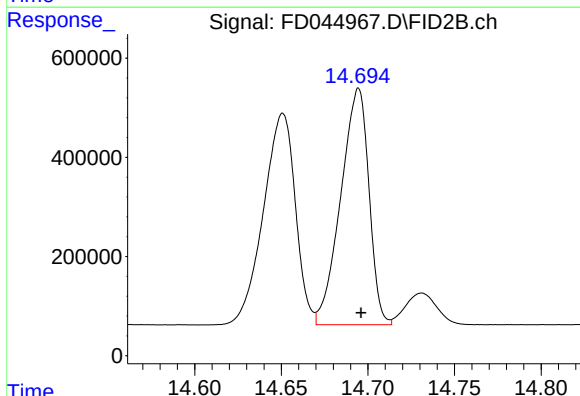
R.T.: 12.785 min
Delta R.T.: -0.003 min
Response: 5933636
Conc: 37.81 ug/ml

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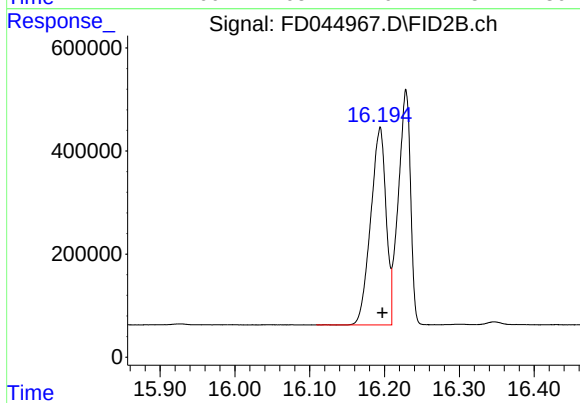
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.651 min
Delta R.T.: -0.003 min
Response: 5484643
Conc: 38.43 ug/ml



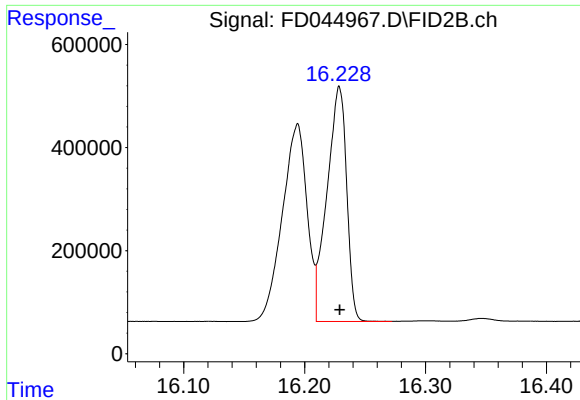
#15 Chrysene (C27.41)

R.T.: 14.694 min
Delta R.T.: -0.002 min
Response: 5402270
Conc: 36.49 ug/ml



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

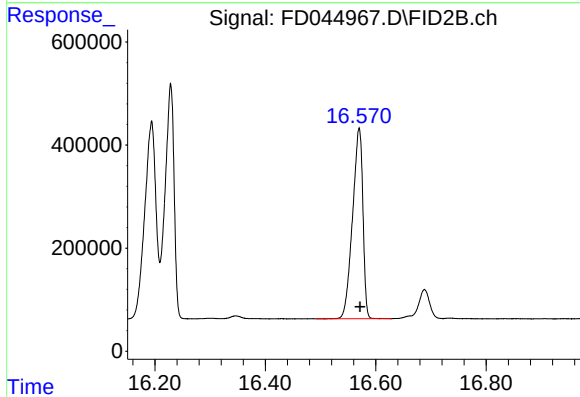
R.T.: 16.194 min
Delta R.T.: -0.003 min
Response: 5450892
Conc: 37.57 ug/ml



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

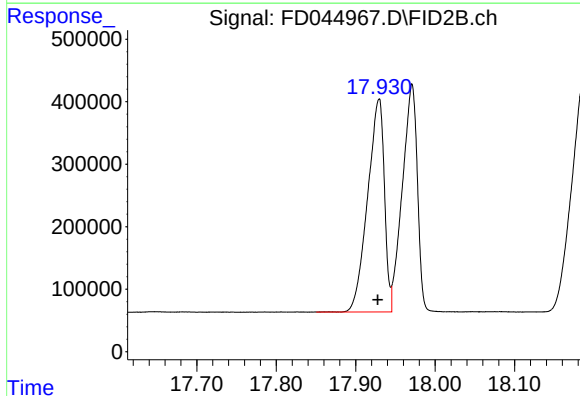
R.T.: 16.228 min
Delta R.T.: 0.000 min
Response: 5151491
Conc: 36.13 ug/ml

Instrument :
FID_D
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PB150705BS



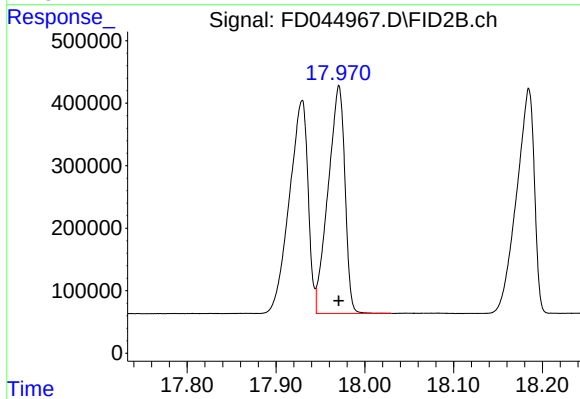
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.570 min
Delta R.T.: -0.002 min
Response: 4805975
Conc: 34.39 ug/ml



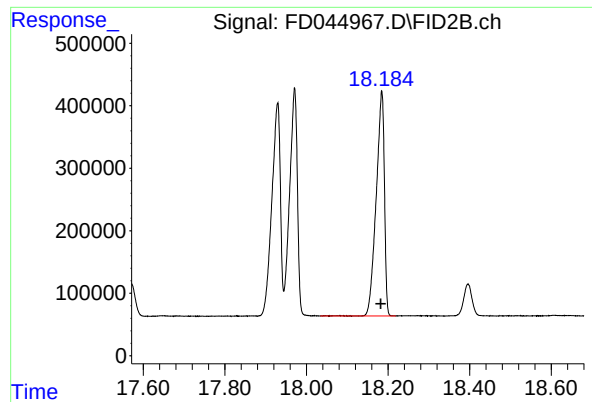
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.929 min
Delta R.T.: 0.000 min
Response: 4993763
Conc: 37.11 ug/ml



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

R.T.: 17.971 min
Delta R.T.: 0.000 min
Response: 4782011
Conc: 36.09 ug/ml



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

R.T.: 18.184 min
Delta R.T.: 0.002 min
Response: 5013927
Conc: 36.88 ug/ml

Instrument :

FID_D

ClientSampleId :

PB150705BS