

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD020723AR\
 Data File : FD044962.D
 Signal(s) : FID2B.ch
 Acq On : 07 Feb 2023 17:27
 Operator : YP/AJ
 Sample : PB150703BSD
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB150703BSD

Integration File: autoint1.e
 Quant Time: Feb 08 04:07:45 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	5954506	40.600 ug/ml
Spiked Amount 50.000		Recovery =	81.20%
6) S 2-Fluorobiphenyl (SURR)	8.414	3961949	39.694 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	79.39%
11) S ortho-Terphenyl (SURR)	11.454	6038578	32.490 ug/ml
Spiked Amount 50.000		Recovery =	64.98%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.365	4570711	28.633 ug/ml
2) T Naphthalene (C11.7)	5.896	5164790	30.483 ug/ml
3) T 2-Methylnaphthalene (...)	6.945	5121595	29.853 ug/ml
5) T Acenaphthylene (C15.06)	8.217	5604305	35.664 ug/ml
7) T Acenaphthene (C15.5)	8.514	5700846	34.287 ug/ml
8) T Flouorene (C16.55)	9.292	5765239	35.125 ug/ml
9) T Phenanthrene (C19.36)	10.684	5859590	36.241 ug/ml
10) T Anthracene (C19.43)	10.759	5781896	39.002 ug/ml
12) T Fluoranthene (C21.85)	12.490	5816256	36.342 ug/ml
13) T Pyrene (C20.8)	12.785	5780857	36.840 ug/ml
14) T Benzo[a]anthracene (C...	14.651	5317019	37.254 ug/ml
15) T Chrysene (C27.41)	14.694	5244038	35.418 ug/ml
16) T benzo[b]fluoranthene ...	16.194	5285576	36.435 ug/ml
17) T Bnezo[k]fluoranthene ...	16.228	4984908	34.964 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.569	4673919	33.448 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.928	4865190	36.153 ug/ml
20) T Dibenz[a,h]anthracene...	17.971	4690213	35.393 ug/ml
21) T Benzo[g,h,i]perylene ...	18.183	4870196	35.819 ug/ml

(f)=RT Delta > 1/2 Window

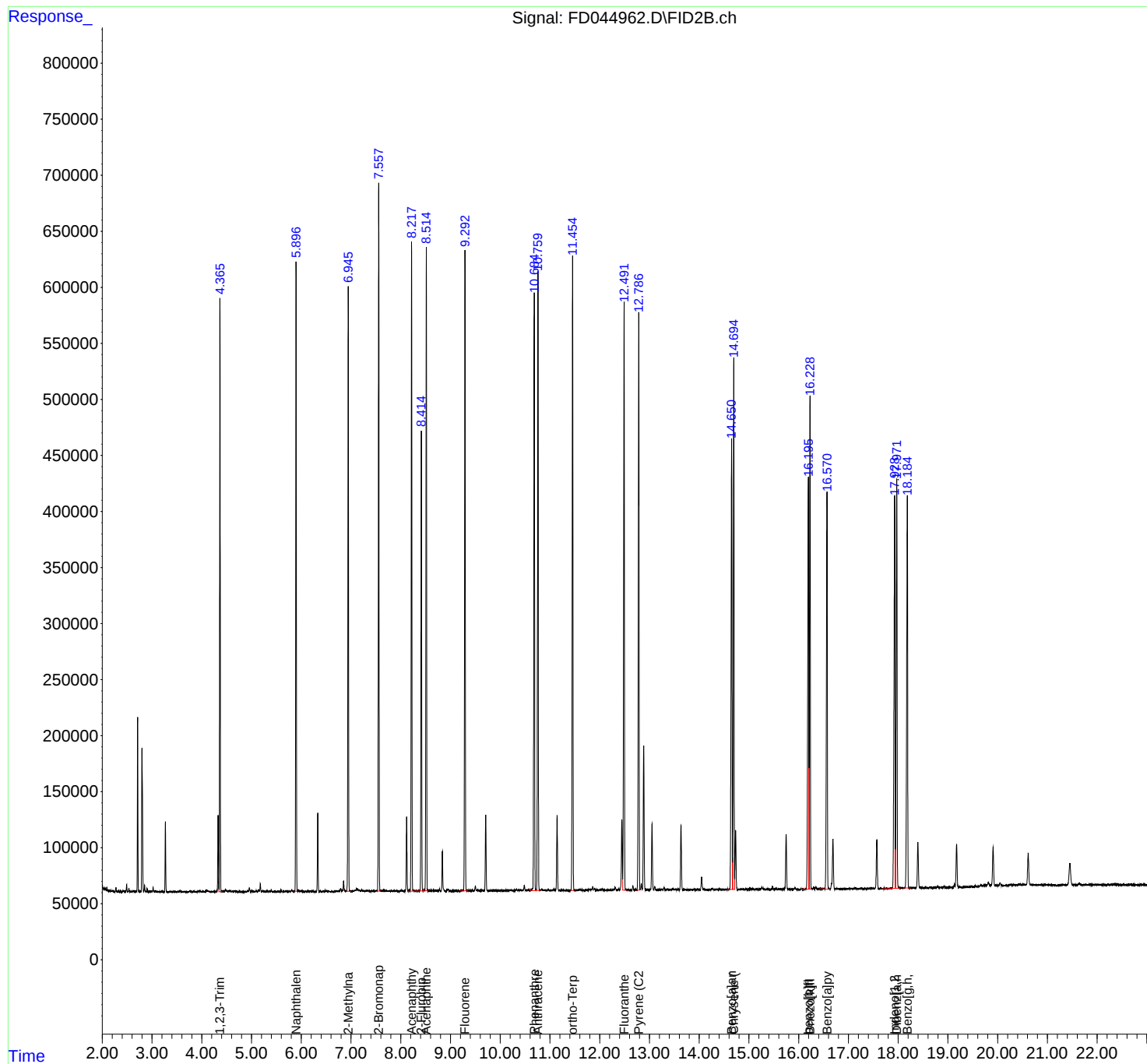
(m)=manual int.

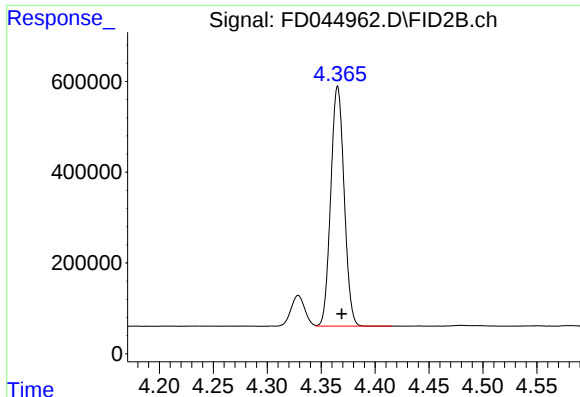
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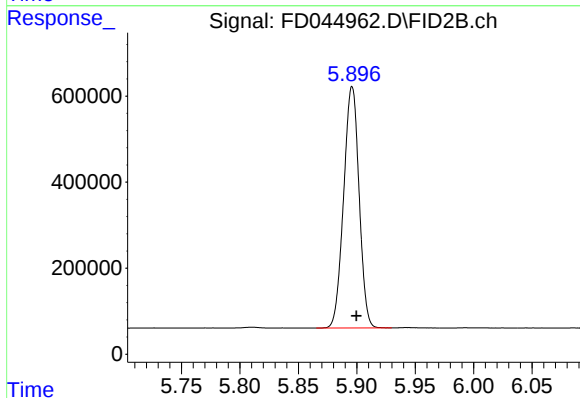




#1 1,2,3-Trimethylbenzene (C10.1)

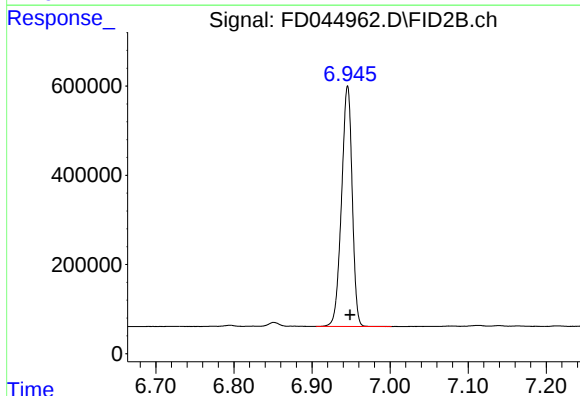
R.T.: 4.365 min
Delta R.T.: -0.004 min
Response: 4570711
Conc: 28.63 ug/ml

Instrument :
FID_D
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PB150703BSD



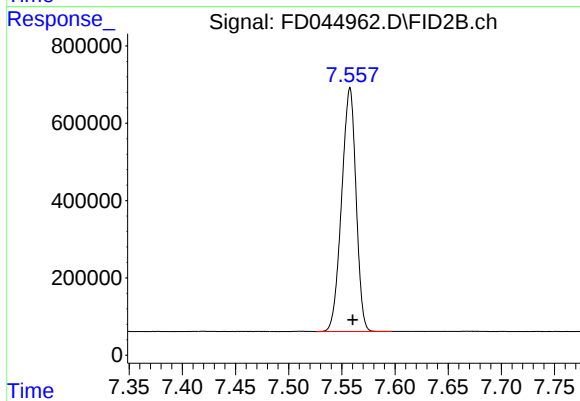
#2 Naphthalene (C11.7)

R.T.: 5.896 min
Delta R.T.: -0.004 min
Response: 5164790
Conc: 30.48 ug/ml



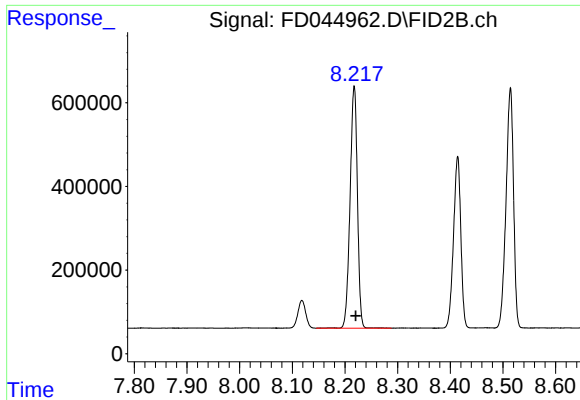
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.945 min
Delta R.T.: -0.003 min
Response: 5121595
Conc: 29.85 ug/ml



#4 2-Bromonaphthalene (SURR)

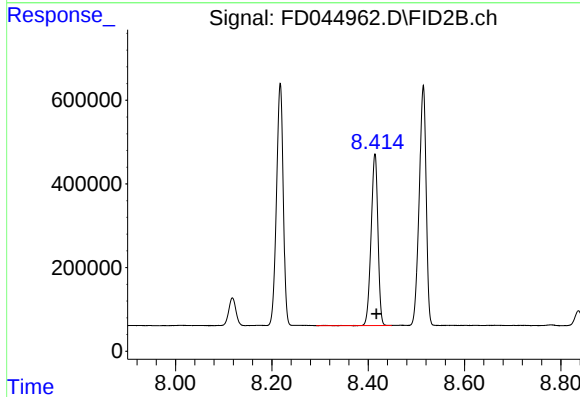
R.T.: 7.557 min
Delta R.T.: -0.003 min
Response: 5954506
Conc: 40.60 ug/ml



#5 Acenaphthylene (C15.06)

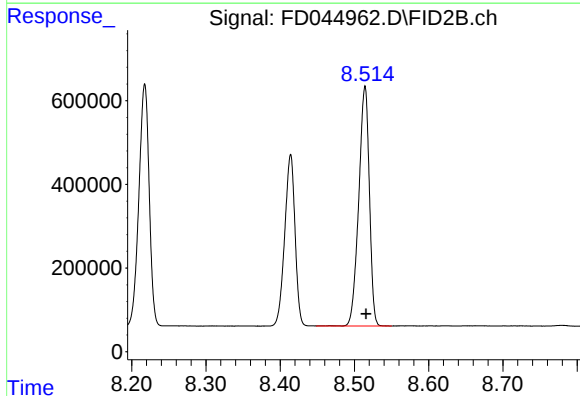
R.T.: 8.217 min
Delta R.T.: -0.003 min
Response: 5604305
Conc: 35.66 ug/ml

Instrument :
FID_D
ClientSampleId :
PB150703BSD



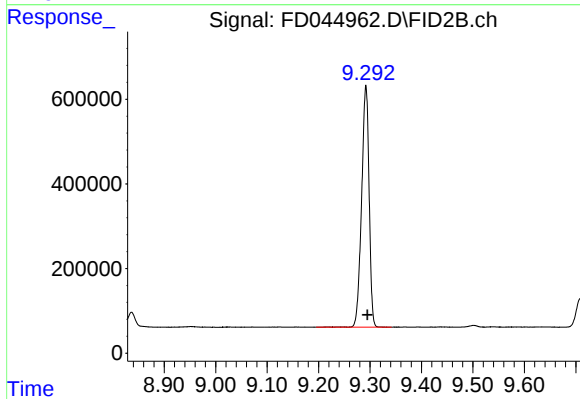
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.414 min
Delta R.T.: -0.003 min
Response: 3961949
Conc: 39.69 ug/ml



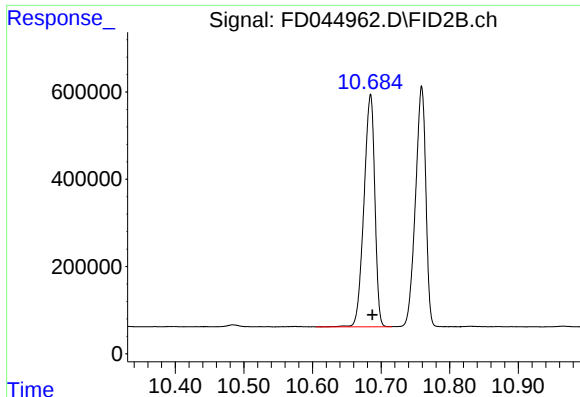
#7 Acenaphthene (C15.5)

R.T.: 8.514 min
Delta R.T.: -0.002 min
Response: 5700846
Conc: 34.29 ug/ml



#8 Fluorene (C16.55)

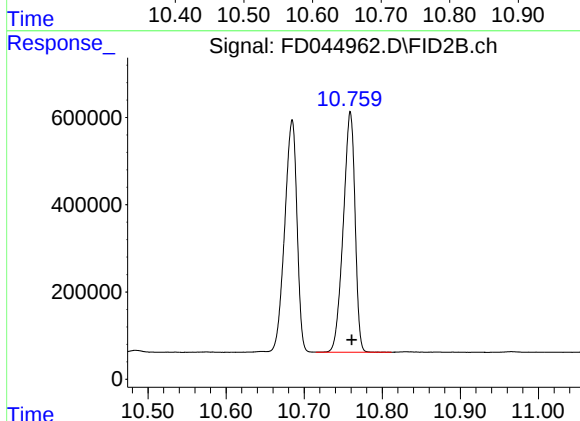
R.T.: 9.292 min
Delta R.T.: -0.003 min
Response: 5765239
Conc: 35.12 ug/ml



#9 Phenanthrene (C19.36)

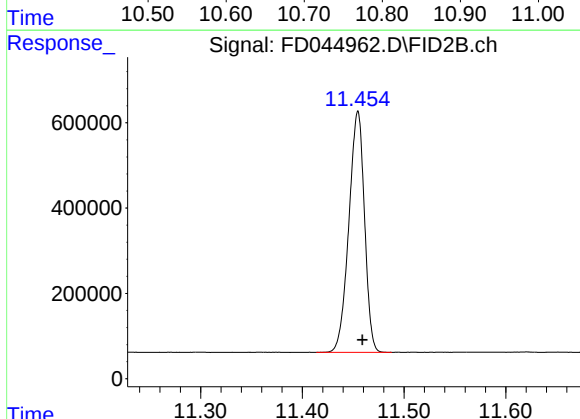
R.T.: 10.684 min
Delta R.T.: -0.003 min
Response: 5859590
Conc: 36.24 ug/ml

Instrument :
FID_D
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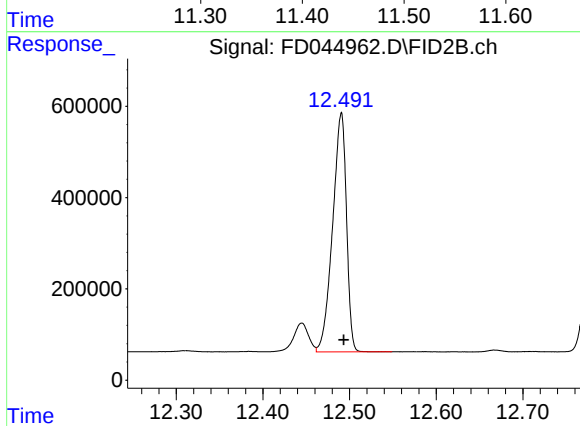
#10 Anthracene (C19.43)

R.T.: 10.759 min
Delta R.T.: -0.002 min
Response: 5781896
Conc: 39.00 ug/ml



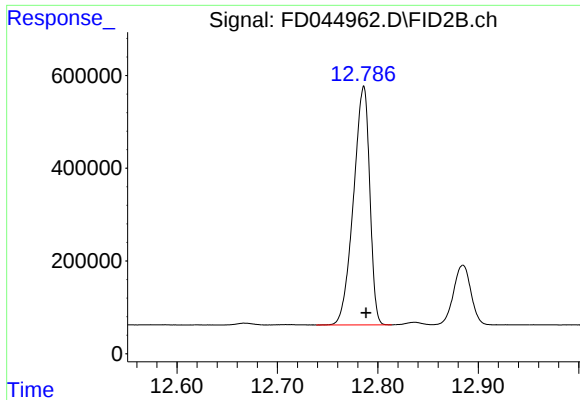
#11 ortho-Terphenyl (SURR)

R.T.: 11.454 min
Delta R.T.: -0.005 min
Response: 6038578
Conc: 32.49 ug/ml



#12 Fluoranthene (C21.85)

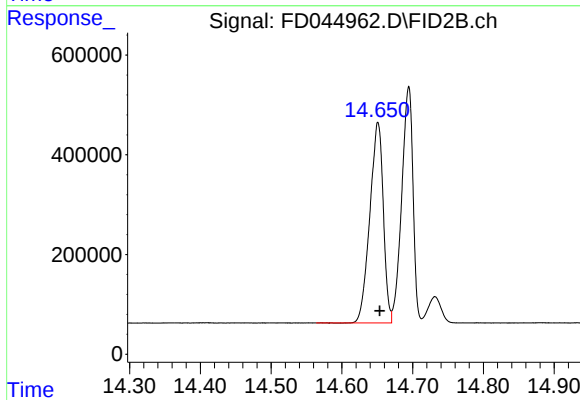
R.T.: 12.490 min
Delta R.T.: -0.003 min
Response: 5816256
Conc: 36.34 ug/ml



#13 Pyrene (C20.8)

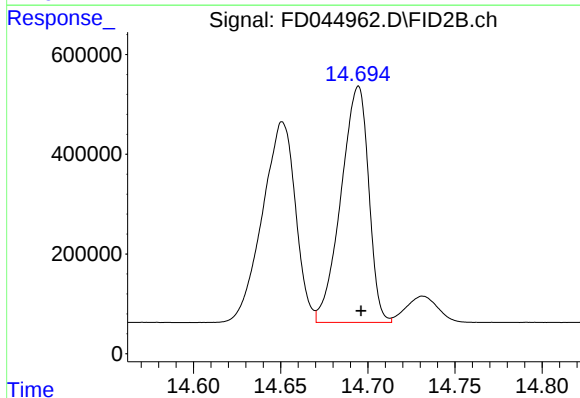
R.T.: 12.785 min
Delta R.T.: -0.003 min
Response: 5780857
Conc: 36.84 ug/ml

Instrument :
FID_D
ClientSampleId :
PB150703BSD



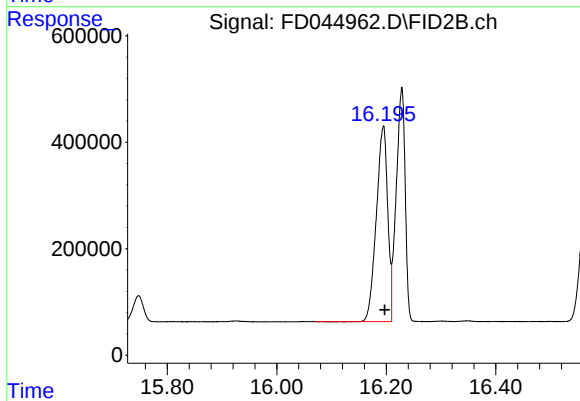
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.651 min
Delta R.T.: -0.002 min
Response: 5317019
Conc: 37.25 ug/ml



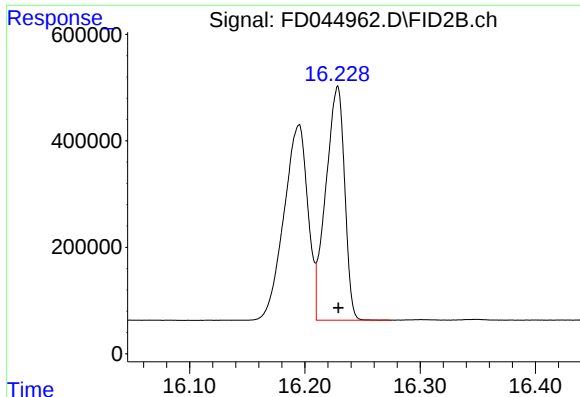
#15 Chrysene (C27.41)

R.T.: 14.694 min
Delta R.T.: -0.002 min
Response: 5244038
Conc: 35.42 ug/ml



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

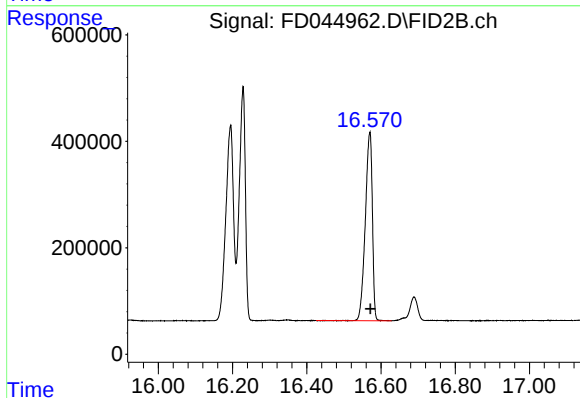
R.T.: 16.194 min
Delta R.T.: -0.003 min
Response: 5285576
Conc: 36.43 ug/ml



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

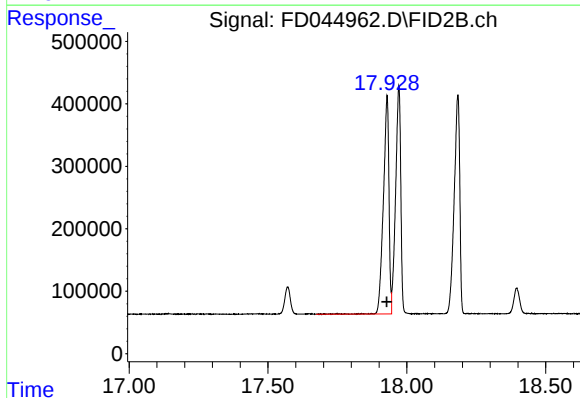
R.T.: 16.228 min
Delta R.T.: -0.001 min
Response: 4984908
Conc: 34.96 ug/ml

Instrument :
FID_D
ClientSampleId :
PB150703BSD



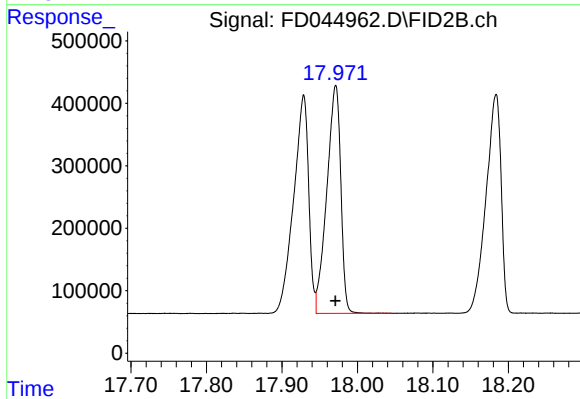
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.569 min
Delta R.T.: -0.002 min
Response: 4673919
Conc: 33.45 ug/ml



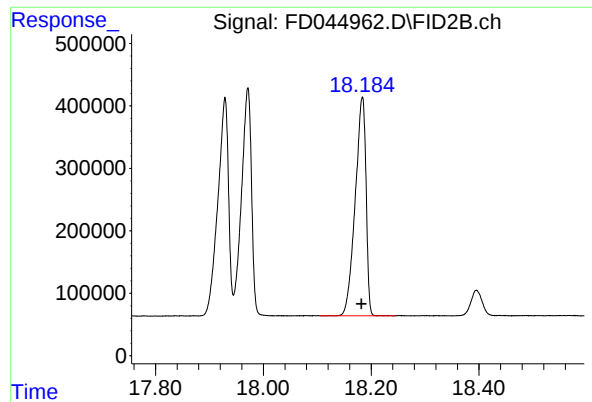
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.928 min
Delta R.T.: 0.000 min
Response: 4865190
Conc: 36.15 ug/ml



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

R.T.: 17.971 min
Delta R.T.: 0.000 min
Response: 4690213
Conc: 35.39 ug/ml



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

R.T.: 18.183 min
Delta R.T.: 0.000 min
Response: 4870196
Conc: 35.82 ug/ml

Instrument :

FID_D

ClientSampleId :

PB150703BSD