

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050224AR\
 Data File : FD047620.D
 Signal(s) : FID2B.ch
 Acq On : 02 May 2024 18:03
 Operator : YP/AJ
 Sample : PB160667BSD
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 03 01:56:44 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042924.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 29 17:13:11 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...	7.463	9364790	59.713 ug/ml
Spiked Amount 50.000		Recovery =	119.43%
6) S 2-Fluorobiphenyl (SURR)	8.316	5172622	49.450 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	98.90%
11) S ortho-Terphenyl (SURR)	11.358	9426351	50.265 ug/ml
Spiked Amount 50.000		Recovery =	100.53%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.276	6096467	37.707 ug/ml
2) T Naphthalene (C11.7)	5.800	7090219	41.903 ug/ml
3) T 2-Methylnaphthalene (...)	6.849	7349949	43.148 ug/ml
5) T Acenaphthylene (C15.06)	8.119	8111664	49.739 ug/ml
7) T Acenaphthene (C15.5)	8.415	7859868	46.758 ug/ml
8) T Flouorene (C16.55)	9.195	8470587	50.922 ug/ml
9) T Phenanthrene (C19.36)	10.586	8873163	54.198 ug/ml
10) T Anthracene (C19.43)	10.662	8794060	58.711 ug/ml
12) T Fluoranthene (C21.85)	12.393	9187517	55.369 ug/ml
13) T Pyrene (C20.8)	12.689	9333160	57.360 ug/ml
14) T Benzo[a]anthracene (C...	14.558	8847714	60.612 ug/ml
15) T Chrysene (C27.41)	14.602	8790418	55.782 ug/ml
16) T benzo[b]fluoranthene ...	16.105	8600009	57.580 ug/ml
17) T Bnezo[k]fluoranthene ...	16.105	8600009	57.123 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.482	8324039	57.689 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.849	8538772	62.915 ug/ml
20) T Dibenz[a,h]anthracene...	17.888	7903653	55.203 ug/ml
21) T Benzo[g,h,i]perylene ...	18.102	7704205	56.113 ug/ml

(f)=RT Delta > 1/2 Window

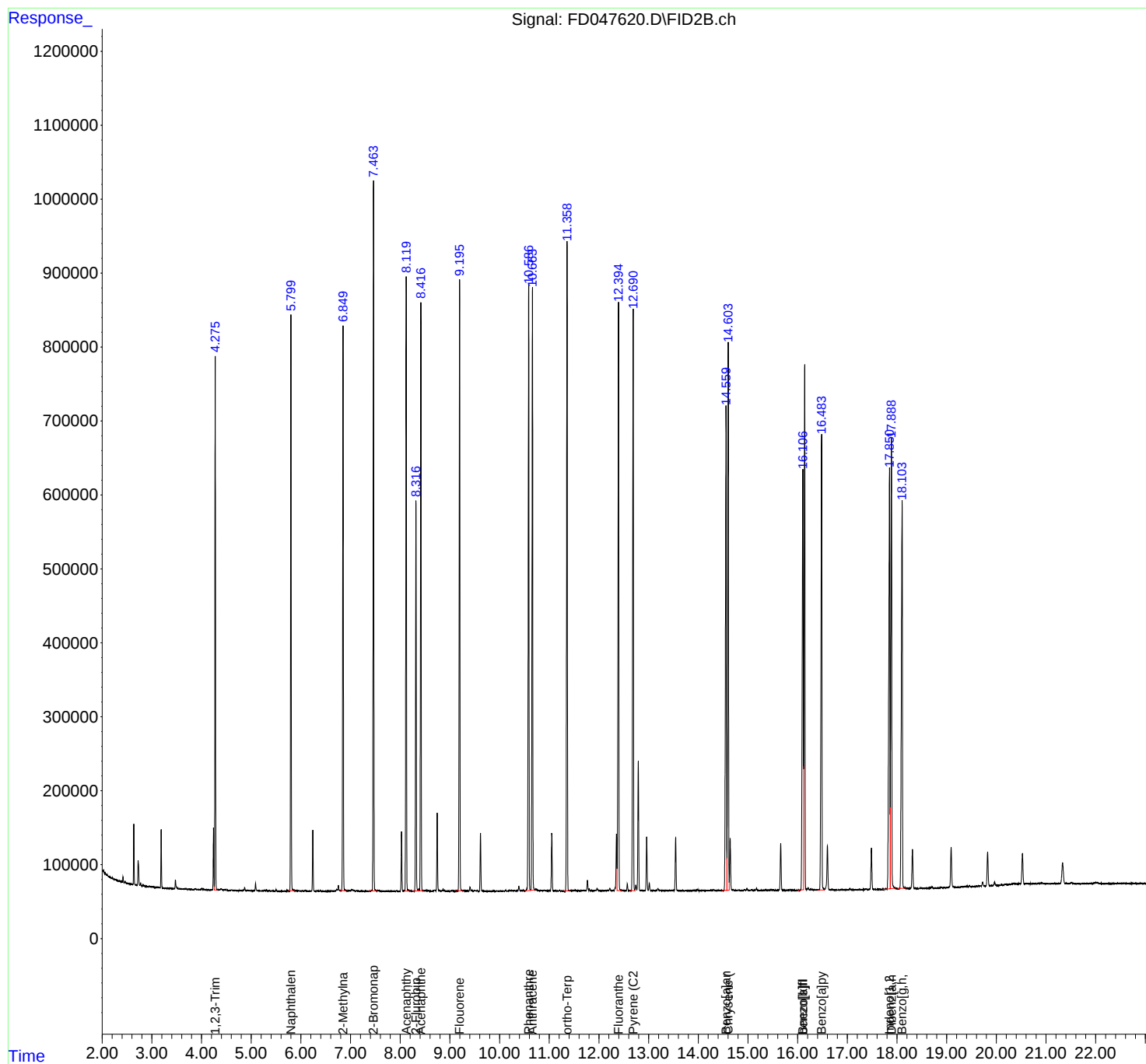
(m)=manual int.

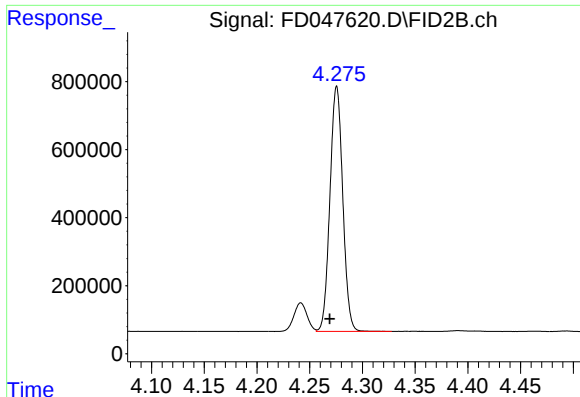
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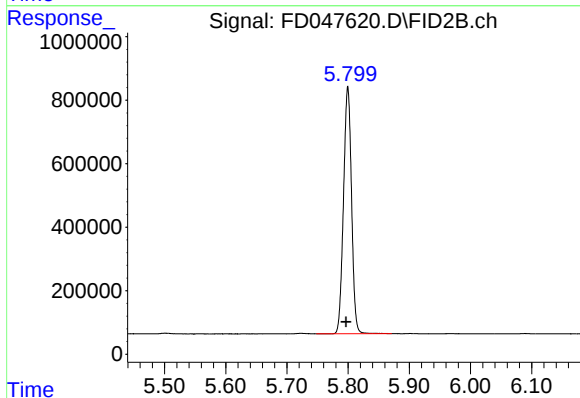




#1 1,2,3-Trimethylbenzene (C10.1)

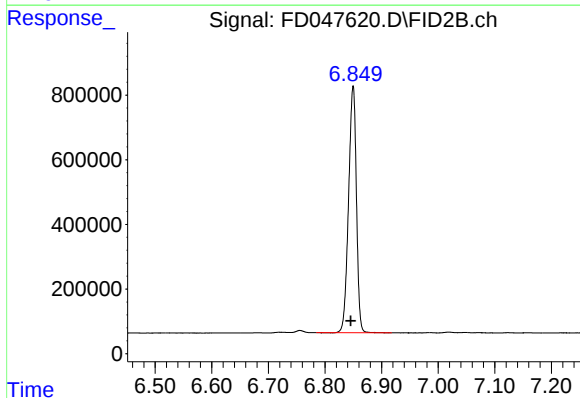
R.T.: 4.276 min
Delta R.T.: 0.007 min
Response: 6096467
Conc: 37.71 ug/ml

Instrument :
FID_D
ClientSampleId :



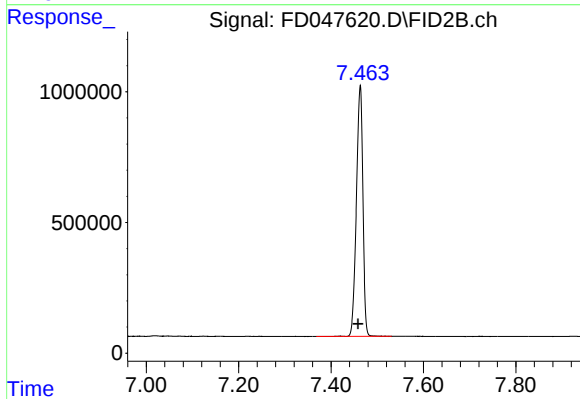
#2 Naphthalene (C11.7)

R.T.: 5.800 min
Delta R.T.: 0.003 min
Response: 7090219
Conc: 41.90 ug/ml



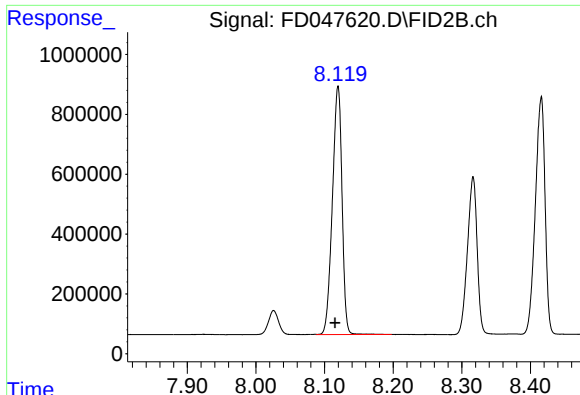
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.849 min
Delta R.T.: 0.004 min
Response: 7349949
Conc: 43.15 ug/ml



#4 2-Bromonaphthalene (SURR)

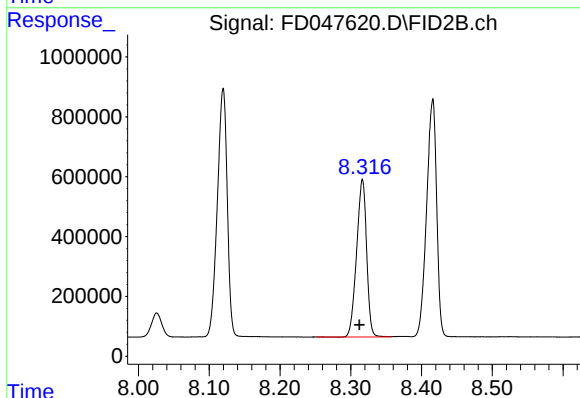
R.T.: 7.463 min
Delta R.T.: 0.004 min
Response: 9364790
Conc: 59.71 ug/ml



#5 Acenaphthylene (C15.06)

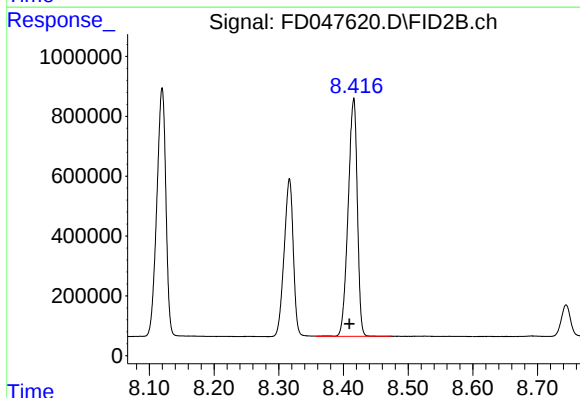
R.T.: 8.119 min
Delta R.T.: 0.004 min
Response: 8111664
Conc: 49.74 ug/ml

Instrument :
FID_D
ClientSampleId :



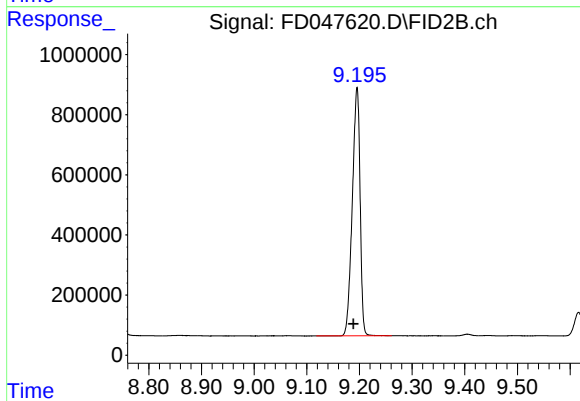
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.316 min
Delta R.T.: 0.004 min
Response: 5172622
Conc: 49.45 ug/ml



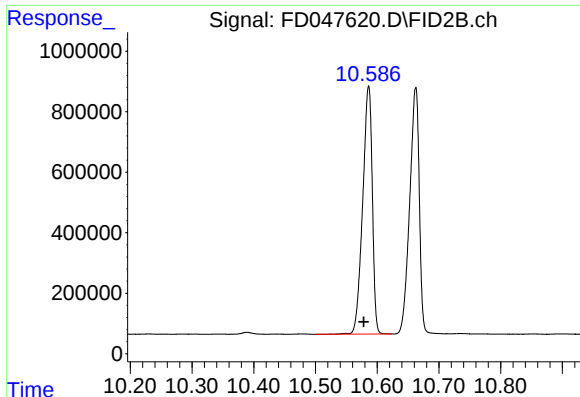
#7 Acenaphthene (C15.5)

R.T.: 8.415 min
Delta R.T.: 0.006 min
Response: 7859868
Conc: 46.76 ug/ml



#8 Fluorene (C16.55)

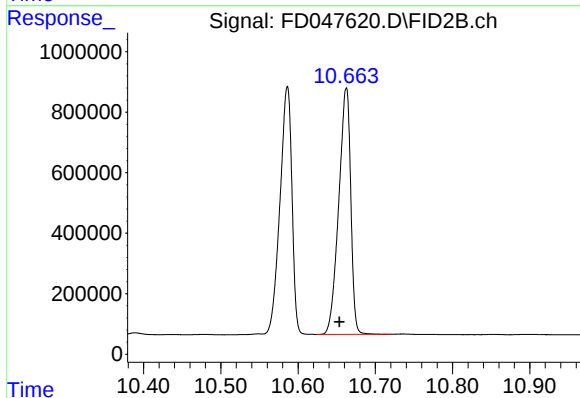
R.T.: 9.195 min
Delta R.T.: 0.006 min
Response: 8470587
Conc: 50.92 ug/ml



#9 Phenanthrene (C19.36)

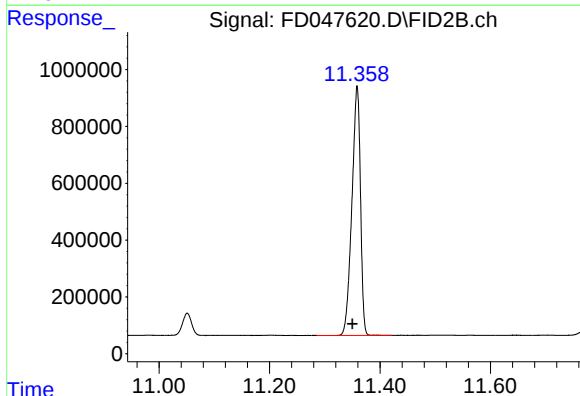
R.T.: 10.586 min
Delta R.T.: 0.007 min
Response: 8873163
Conc: 54.20 ug/ml

Instrument :
FID_D
ClientSampleId :



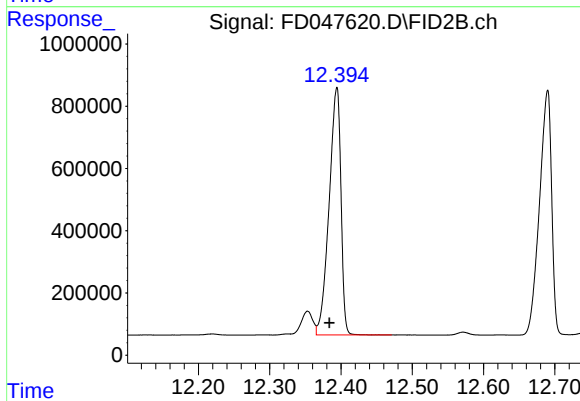
#10 Anthracene (C19.43)

R.T.: 10.662 min
Delta R.T.: 0.009 min
Response: 8794060
Conc: 58.71 ug/ml



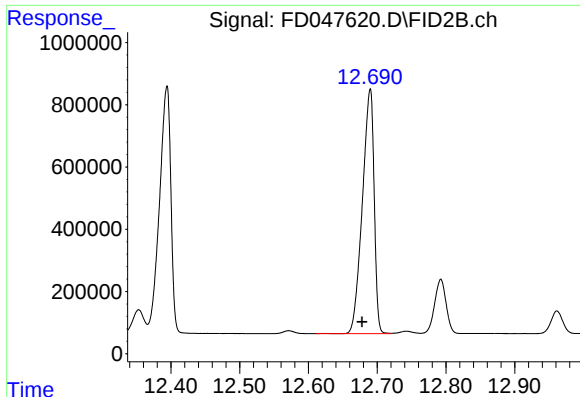
#11 ortho-Terphenyl (SURR)

R.T.: 11.358 min
Delta R.T.: 0.008 min
Response: 9426351
Conc: 50.26 ug/ml



#12 Fluoranthene (C21.85)

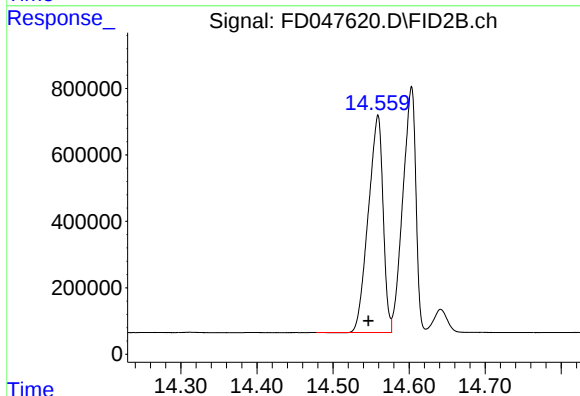
R.T.: 12.393 min
Delta R.T.: 0.010 min
Response: 9187517
Conc: 55.37 ug/ml



#13 Pyrene (C20.8)

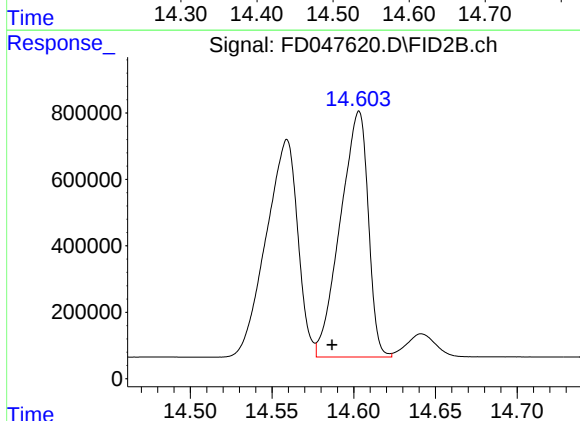
R.T.: 12.689 min
Delta R.T.: 0.011 min
Response: 9333160
Conc: 57.36 ug/ml

Instrument :
FID_D
ClientSampleId :



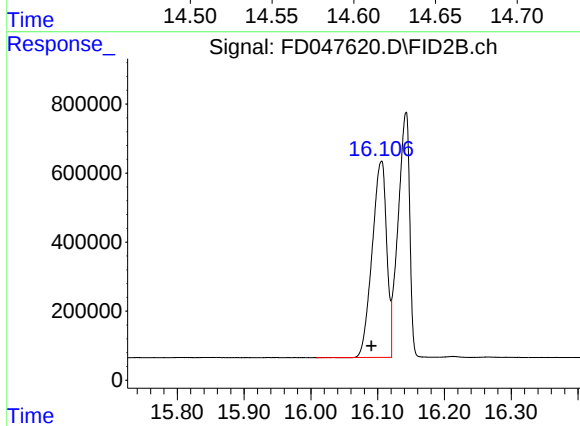
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.558 min
Delta R.T.: 0.012 min
Response: 8847714
Conc: 60.61 ug/ml



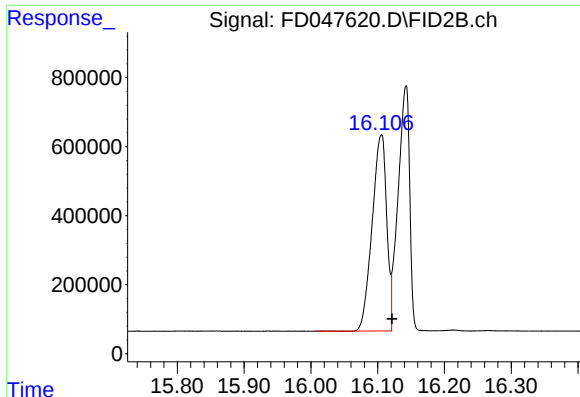
#15 Chrysene (C27.41)

R.T.: 14.602 min
Delta R.T.: 0.016 min
Response: 8790418
Conc: 55.78 ug/ml



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

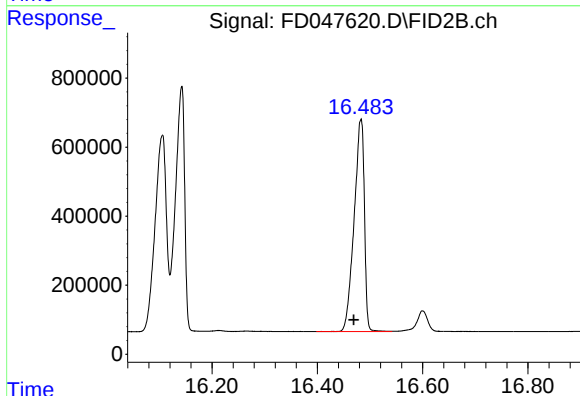
R.T.: 16.105 min
Delta R.T.: 0.014 min
Response: 8600009
Conc: 57.58 ug/ml



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

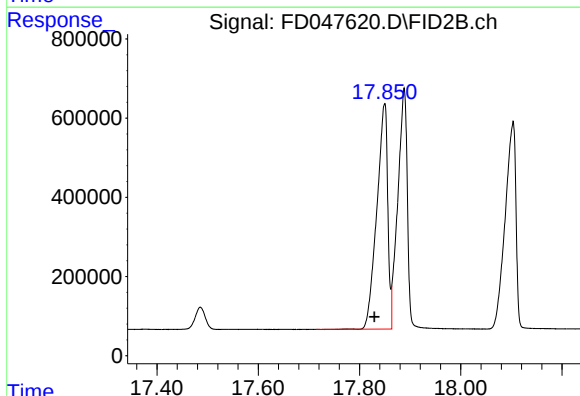
R.T.: 16.105 min
Delta R.T.: -0.017 min
Response: 860009
Conc: 57.12 ug/ml

Instrument :
FID_D
ClientSampleId :



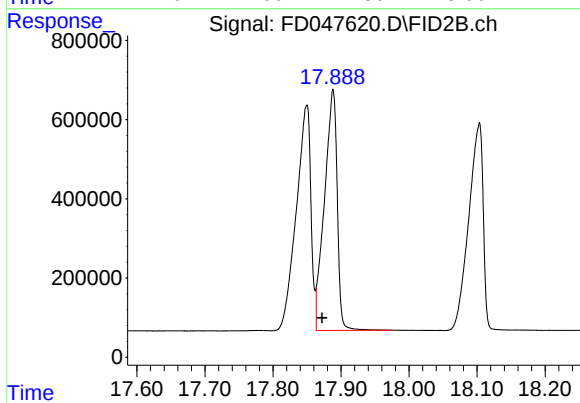
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.482 min
Delta R.T.: 0.013 min
Response: 8324039
Conc: 57.69 ug/ml



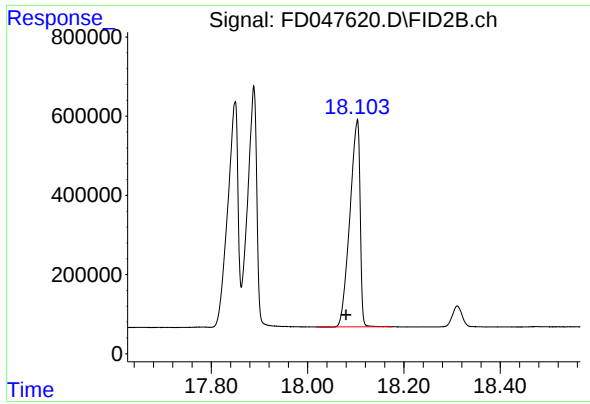
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.849 min
Delta R.T.: 0.019 min
Response: 8538772
Conc: 62.92 ug/ml



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

R.T.: 17.888 min
Delta R.T.: 0.015 min
Response: 7903653
Conc: 55.20 ug/ml



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

R.T.: 18.102 min
Delta R.T.: 0.022 min
Response: 7704205
Conc: 56.11 ug/ml

Instrument :
FID_D
ClientSampleId :