

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD031924AR\
 Data File : FD047398.D
 Signal(s) : FID2B.ch
 Acq On : 20 Mar 2024 08:00
 Operator : YP/AJ
 Sample : P1774-02MS
 Misc :
 ALS Vial : 70 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 TP9MS

Integration File: autoint1.e
 Quant Time: Mar 20 09:21:57 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030424.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 04 13:13:44 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...	7.453	7649200	46.313 ug/ml
Spiked Amount 50.000		Recovery =	92.63%
6) S 2-Fluorobiphenyl (SURR)	8.305	3642391	34.232 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	68.46%
11) S ortho-Terphenyl (SURR)	11.339	6012208	32.216 ug/ml
Spiked Amount 50.000		Recovery =	64.43%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.268	5556762	31.266 ug/ml
2) T Naphthalene (C11.7)	5.793	7050781	38.662 ug/ml
3) T 2-Methylnaphthalene (...)	6.842	7732637	42.399 ug/ml
5) T Acenaphthylene (C15.06)	8.110	8719725	52.302 ug/ml
7) T Acenaphthene (C15.5)	8.406	8492586	48.204 ug/ml
8) T Flouorene (C16.55)	9.184	9186452	54.536 ug/ml
9) T Phenanthrene (C19.36)	10.573	9468895	58.467 ug/ml
10) T Anthracene (C19.43)	10.648	8356129	56.779 ug/ml
12) T Fluoranthene (C21.85)	12.376	9394230	58.927 ug/ml
13) T Pyrene (C20.8)	12.670	9446233	61.058 ug/ml
14) T Benzo[a]anthracene (C...	14.533	8608462	63.503 ug/ml
15) T Chrysene (C27.41)	14.577	8683121	58.494 ug/ml
16) T benzo[b]fluoranthene ...	16.076	8359953	59.552 ug/ml
17) T Bnezo[k]fluoranthene ...	16.112	8266972	58.378 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.450	6987862	50.586 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.814	8537021	68.306 ug/ml
20) T Dibenz[a,h]anthracene...	17.853	7847762	59.509 ug/ml
21) T Benzo[g,h,i]perylene ...	18.067	7501686	55.832 ug/ml

(f)=RT Delta > 1/2 Window

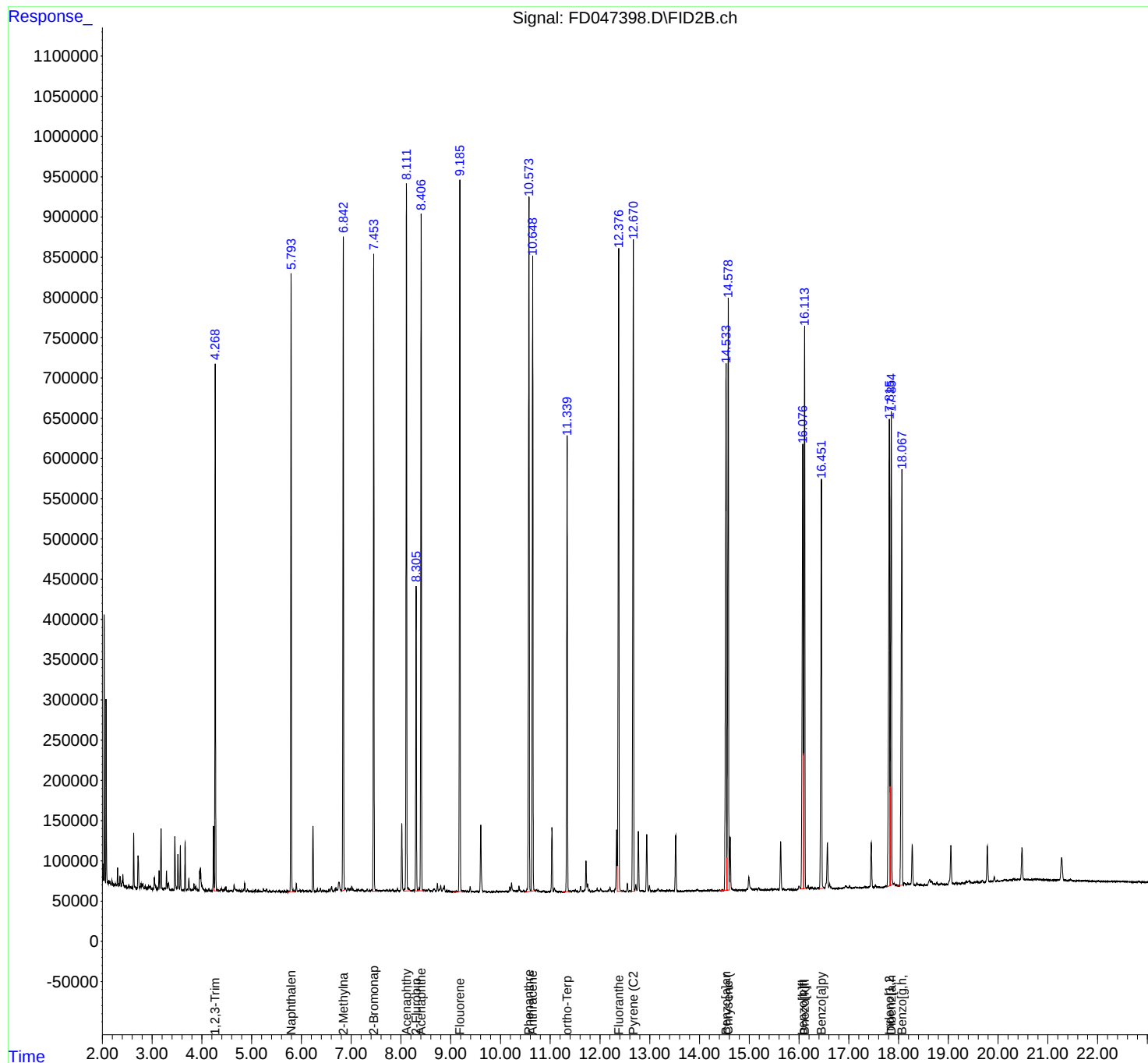
(m)=manual int.

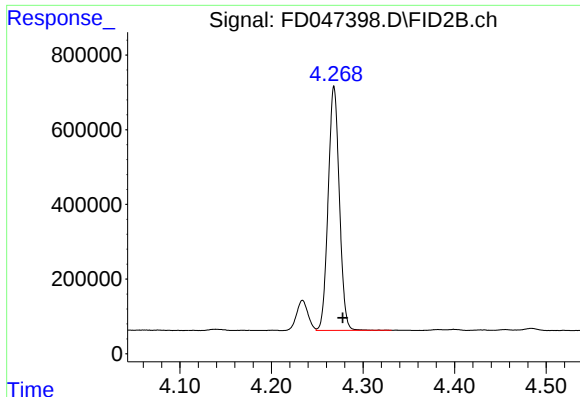
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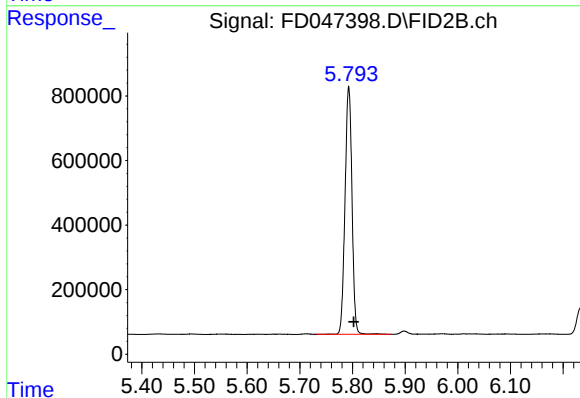




#1 1,2,3-Trimethylbenzene (C10.1)

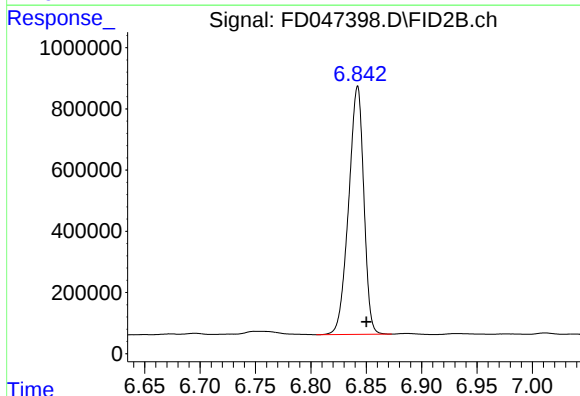
R.T.: 4.268 min
Delta R.T.: -0.010 min
Response: 5556762
Conc: 31.27 ug/ml

Instrument :
FID_D
ClientSampleId :
TP9MS



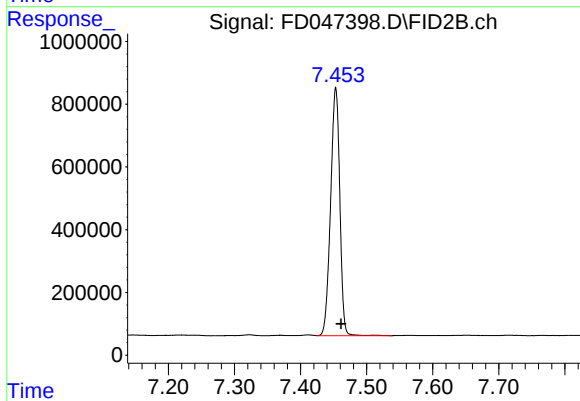
#2 Naphthalene (C11.7)

R.T.: 5.793 min
Delta R.T.: -0.010 min
Response: 7050781
Conc: 38.66 ug/ml



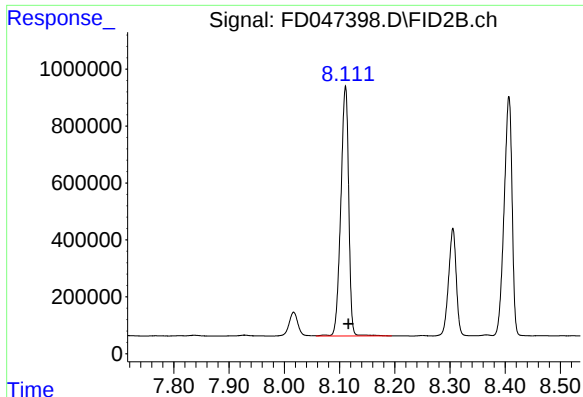
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.842 min
Delta R.T.: -0.008 min
Response: 7732637
Conc: 42.40 ug/ml



#4 2-Bromonaphthalene (SURR)

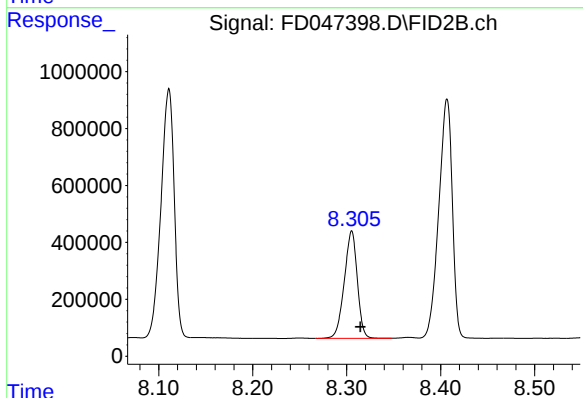
R.T.: 7.453 min
Delta R.T.: -0.008 min
Response: 7649200
Conc: 46.31 ug/ml



#5 Acenaphthylene (C15.06)

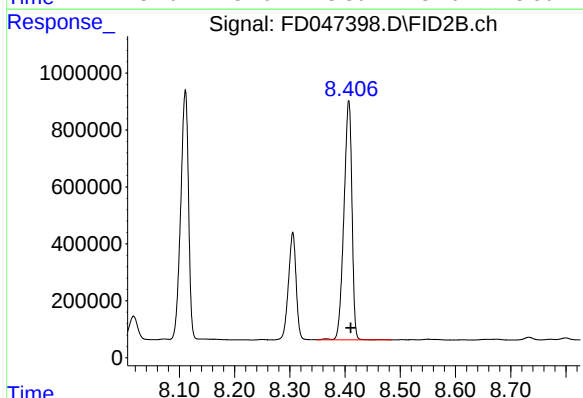
R.T.: 8.110 min
Delta R.T.: -0.006 min
Response: 8719725
Conc: 52.30 ug/ml

Instrument :
FID_D
ClientSampleId :
TP9MS



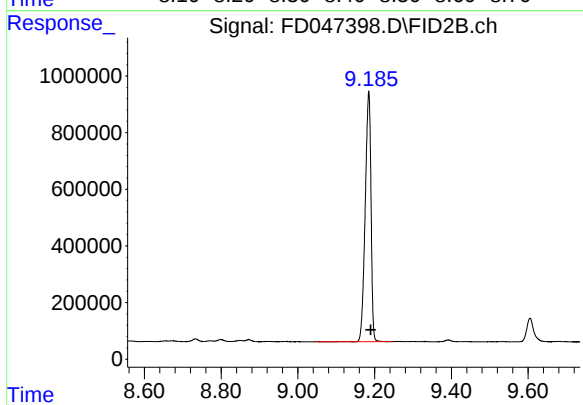
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.305 min
Delta R.T.: -0.010 min
Response: 3642391
Conc: 34.23 ug/ml



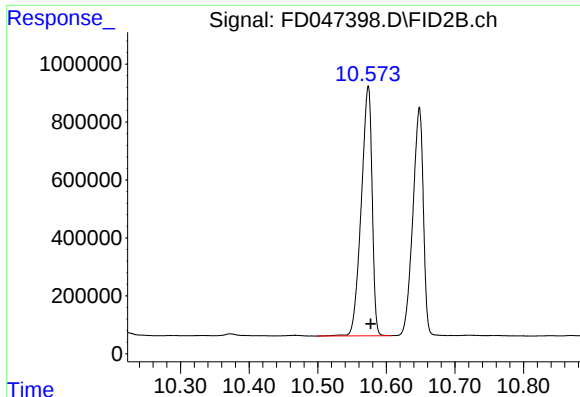
#7 Acenaphthene (C15.5)

R.T.: 8.406 min
Delta R.T.: -0.004 min
Response: 8492586
Conc: 48.20 ug/ml



#8 Fluorene (C16.55)

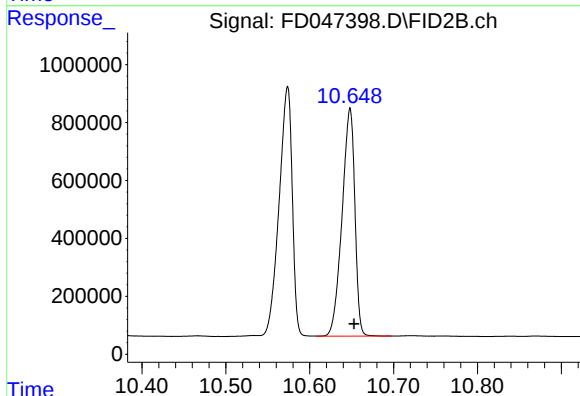
R.T.: 9.184 min
Delta R.T.: -0.006 min
Response: 9186452
Conc: 54.54 ug/ml



#9 Phenanthrene (C19.36)

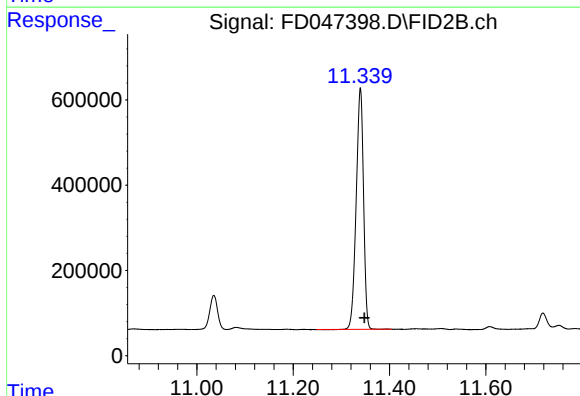
R.T.: 10.573 min
Delta R.T.: -0.004 min
Response: 9468895
Conc: 58.47 ug/ml

Instrument :
FID_D
ClientSampleId :
TP9MS



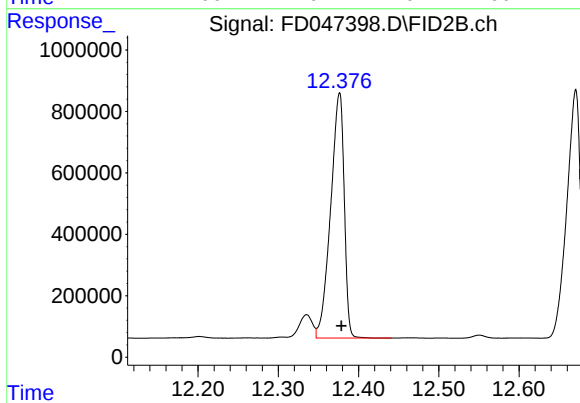
#10 Anthracene (C19.43)

R.T.: 10.648 min
Delta R.T.: -0.005 min
Response: 8356129
Conc: 56.78 ug/ml



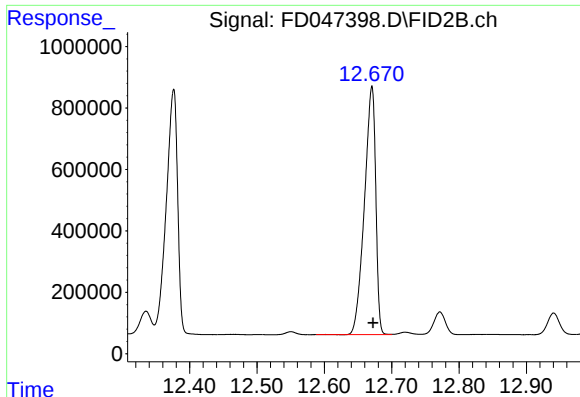
#11 ortho-Terphenyl (SURR)

R.T.: 11.339 min
Delta R.T.: -0.009 min
Response: 6012208
Conc: 32.22 ug/ml



#12 Fluoranthene (C21.85)

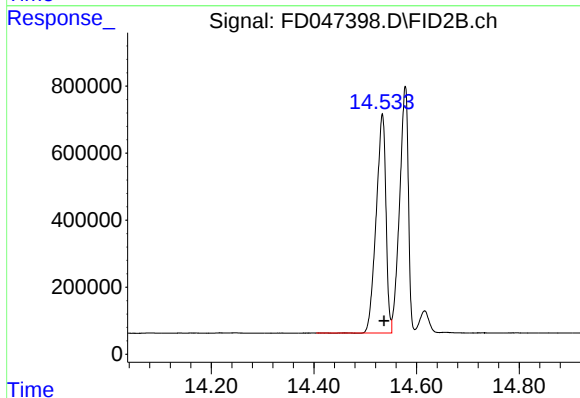
R.T.: 12.376 min
Delta R.T.: -0.003 min
Response: 9394230
Conc: 58.93 ug/ml



#13 Pyrene (C20.8)

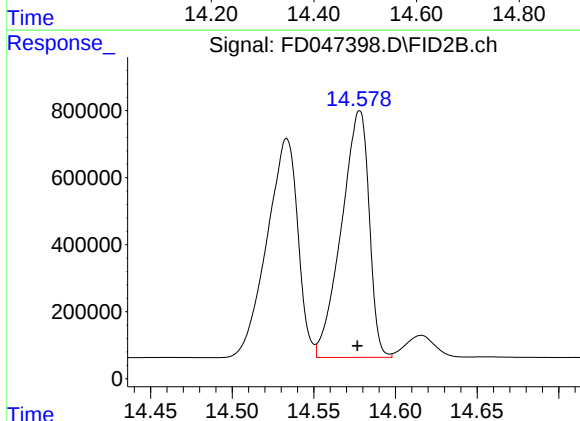
R.T.: 12.670 min
Delta R.T.: -0.002 min
Response: 9446233
Conc: 61.06 ug/ml

Instrument :
FID_D
ClientSampleId :
TP9MS



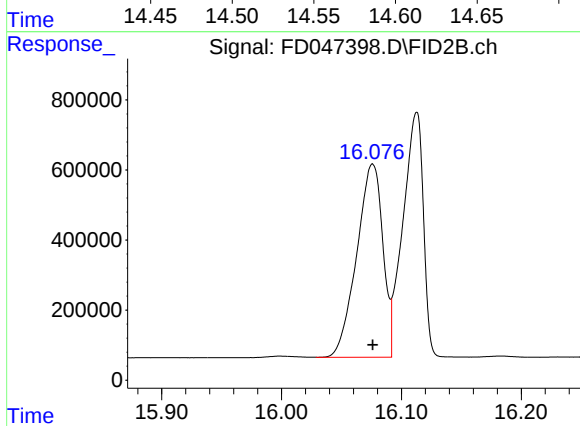
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.533 min
Delta R.T.: -0.004 min
Response: 8608462
Conc: 63.50 ug/ml



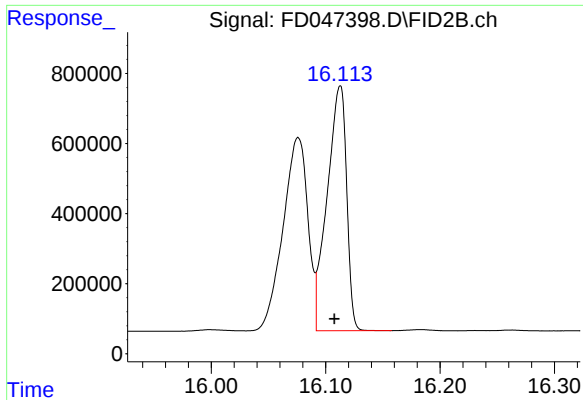
#15 Chrysene (C27.41)

R.T.: 14.577 min
Delta R.T.: 0.000 min
Response: 8683121
Conc: 58.49 ug/ml



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

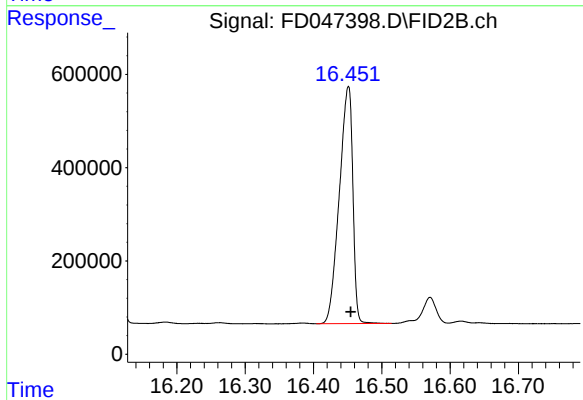
R.T.: 16.076 min
Delta R.T.: 0.000 min
Response: 8359953
Conc: 59.55 ug/ml



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

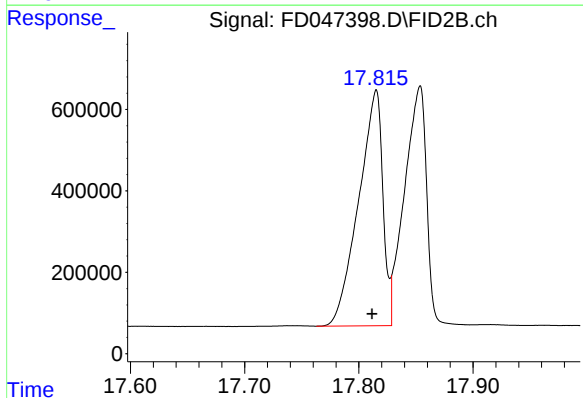
R.T.: 16.112 min
Delta R.T.: 0.004 min
Response: 8266972
Conc: 58.38 ug/ml

Instrument :
FID_D
ClientSampleId :
TP9MS



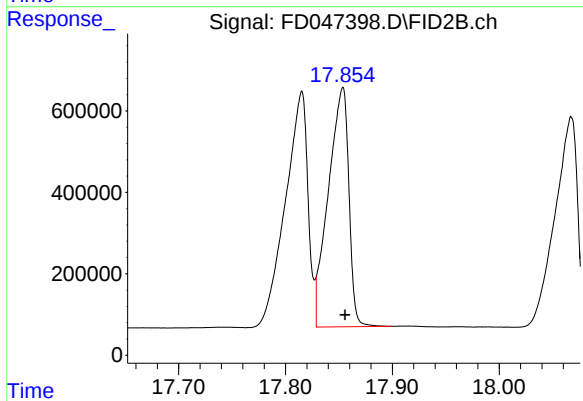
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.450 min
Delta R.T.: -0.004 min
Response: 6987862
Conc: 50.59 ug/ml



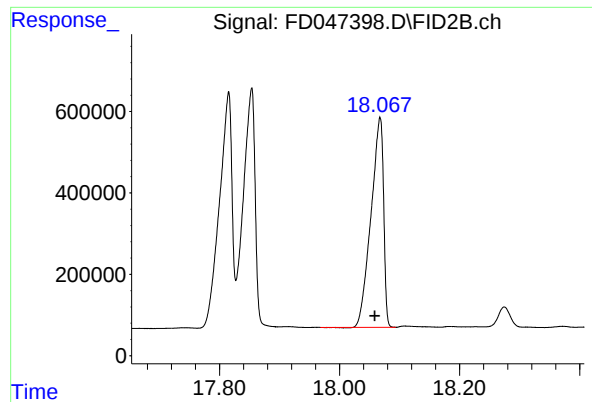
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.814 min
Delta R.T.: 0.003 min
Response: 8537021
Conc: 68.31 ug/ml



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

R.T.: 17.853 min
Delta R.T.: -0.003 min
Response: 7847762
Conc: 59.51 ug/ml



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

R.T.: 18.067 min
Delta R.T.: 0.008 min
Response: 7501686
Conc: 55.83 ug/ml

Instrument :
FID_D
ClientSampleId :
TP9MS