

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050924AR\
 Data File : FD047692.D
 Signal(s) : FID2B.ch
 Acq On : 10 May 2024 08:00
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 10 09:12:34 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...	7.461	3590040	22.891 ug/ml
Spiked Amount 50.000		Recovery =	45.78%
6) S 2-Fluorobiphenyl (SURR)	8.315	2367760	22.636 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	45.27%
11) S ortho-Terphenyl (SURR)	11.355	4214099	22.471 ug/ml
Spiked Amount 50.000		Recovery =	44.94%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.273	3712044	22.959 ug/ml
2) T Naphthalene (C11.7)	5.799	3875485	22.904 ug/ml
3) T 2-Methylnaphthalene (...)	6.848	3930532	23.074 ug/ml
5) T Acenaphthylene (C15.06)	8.118	3548342	21.758 ug/ml
7) T Acenaphthene (C15.5)	8.413	3851692	22.914 ug/ml
8) T Flouorene (C16.55)	9.192	3758469	22.595 ug/ml
9) T Phenanthrene (C19.36)	10.582	3671006	22.423 ug/ml
10) T Anthracene (C19.43)	10.657	2665043	17.792 ug/ml
12) T Fluoranthene (C21.85)	12.389	3710317	22.360 ug/ml
13) T Pyrene (C20.8)	12.683	3532966	21.713 ug/ml
14) T Benzo[a]anthracene (C...	14.553	3057420	20.945 ug/ml
15) T Chrysene (C27.41)	14.594	3311848	21.016 ug/ml
16) T benzo[b]fluoranthene ...	16.100	3191022	21.365 ug/ml
17) T Bnezo[k]fluoranthene ...	16.132	3334092	22.146 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.476	2921341	20.246 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.839	2829703	20.850 ug/ml
20) T Dibenz[a,h]anthracene...	17.879	3317518	23.171 ug/ml
21) T Benzo[g,h,i]perylene ...	18.092	2966329	21.605 ug/ml

(f)=RT Delta > 1/2 Window

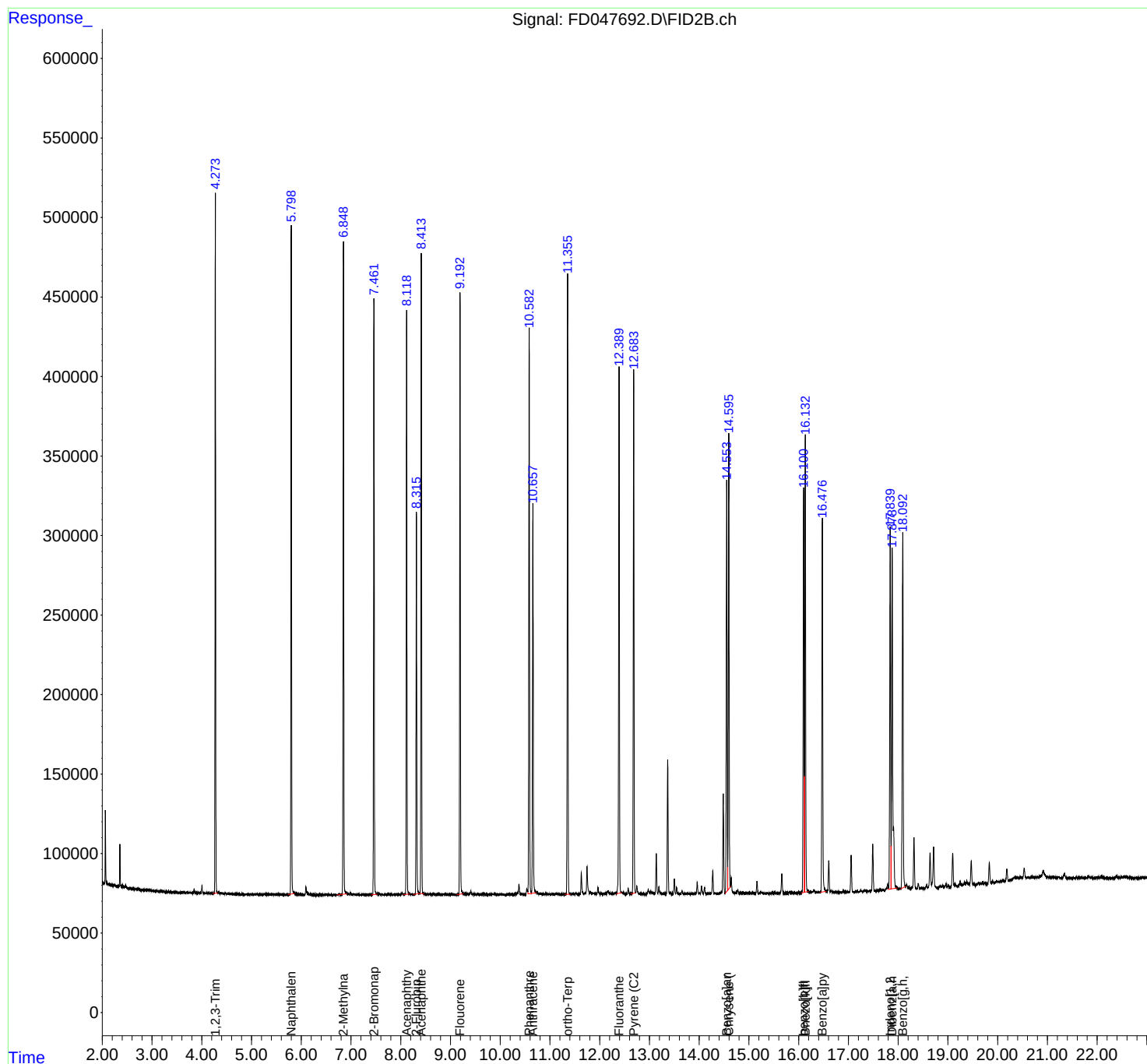
(m)=manual int.

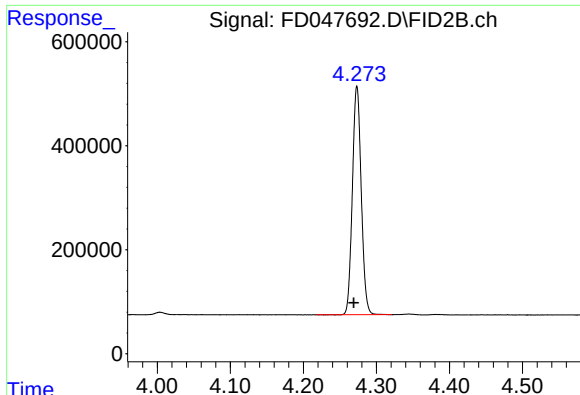
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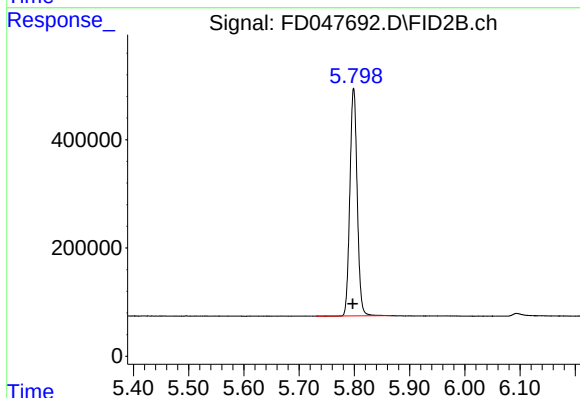




#1 1,2,3-Trimethylbenzene (C10.1)

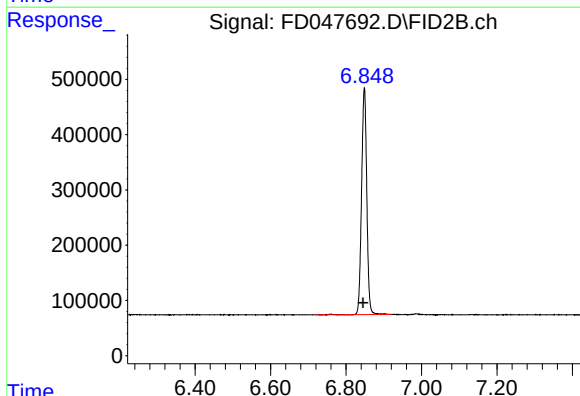
R.T.: 4.273 min
Delta R.T.: 0.004 min
Response: 3712044
Conc: 22.96 ug/ml

Instrument :
FID_D
ClientSampleId :



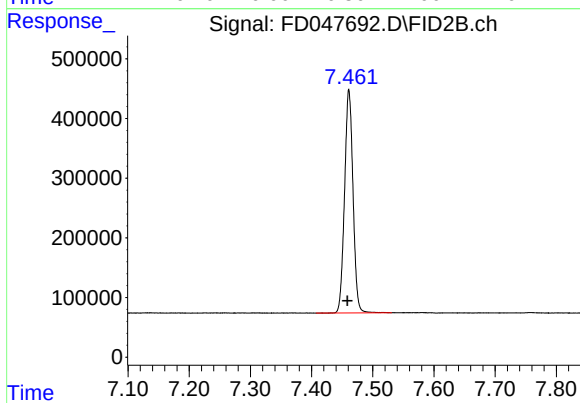
#2 Naphthalene (C11.7)

R.T.: 5.799 min
Delta R.T.: 0.002 min
Response: 3875485
Conc: 22.90 ug/ml



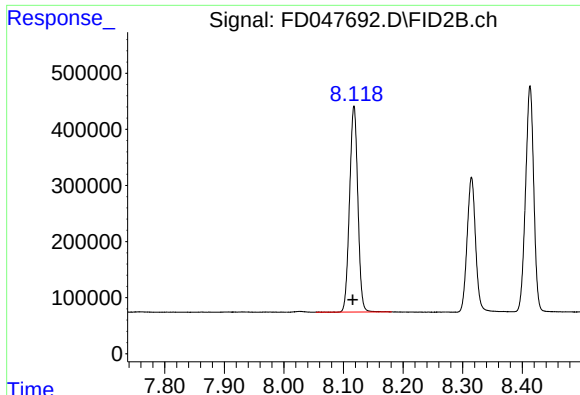
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.848 min
Delta R.T.: 0.003 min
Response: 3930532
Conc: 23.07 ug/ml



#4 2-Bromonaphthalene (SURR)

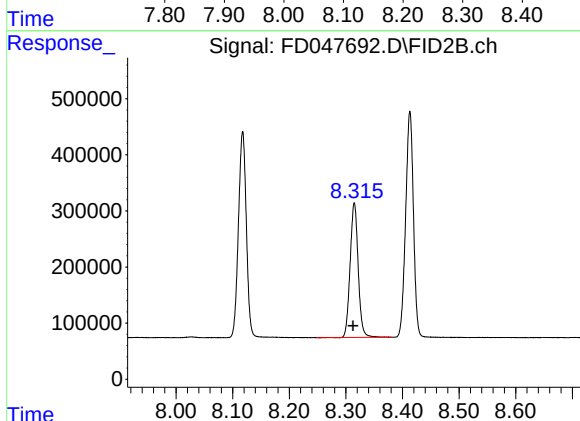
R.T.: 7.461 min
Delta R.T.: 0.003 min
Response: 3590040
Conc: 22.89 ug/ml



#5 Acenaphthylene (C15.06)

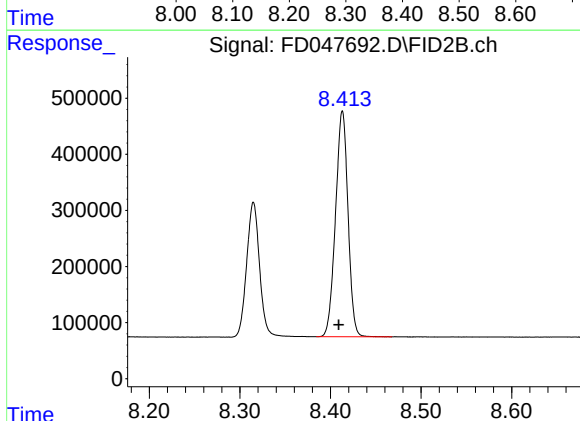
R.T.: 8.118 min
Delta R.T.: 0.002 min
Response: 3548342
Conc: 21.76 ug/ml

Instrument :
FID_D
ClientSampleId :



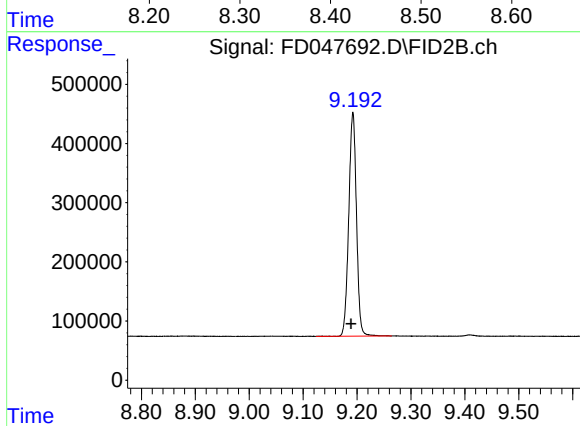
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.315 min
Delta R.T.: 0.002 min
Response: 2367760
Conc: 22.64 ug/ml



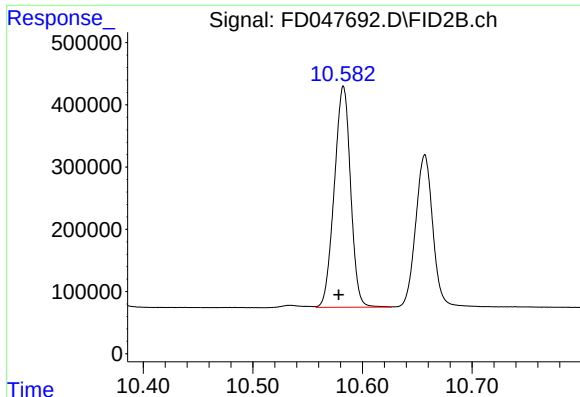
#7 Acenaphthene (C15.5)

R.T.: 8.413 min
Delta R.T.: 0.004 min
Response: 3851692
Conc: 22.91 ug/ml



#8 Fluorene (C16.55)

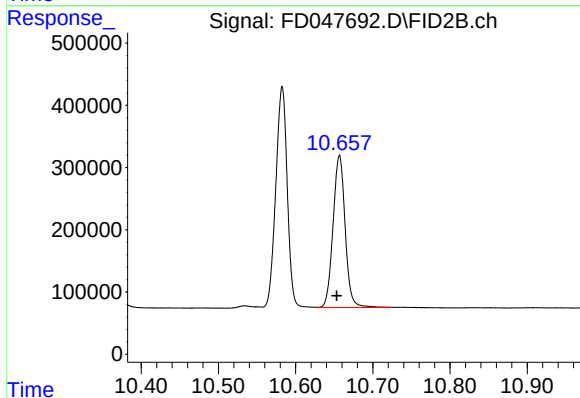
R.T.: 9.192 min
Delta R.T.: 0.003 min
Response: 3758469
Conc: 22.59 ug/ml



#9 Phenanthrene (C19.36)

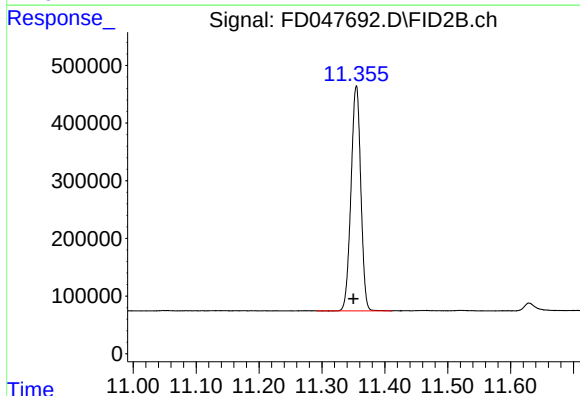
R.T.: 10.582 min
Delta R.T.: 0.004 min
Response: 3671006
Conc: 22.42 ug/ml

Instrument :
FID_D
ClientSampleId :



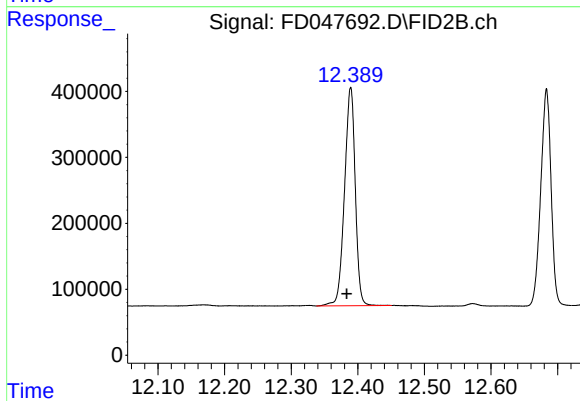
#10 Anthracene (C19.43)

R.T.: 10.657 min
Delta R.T.: 0.003 min
Response: 2665043
Conc: 17.79 ug/ml



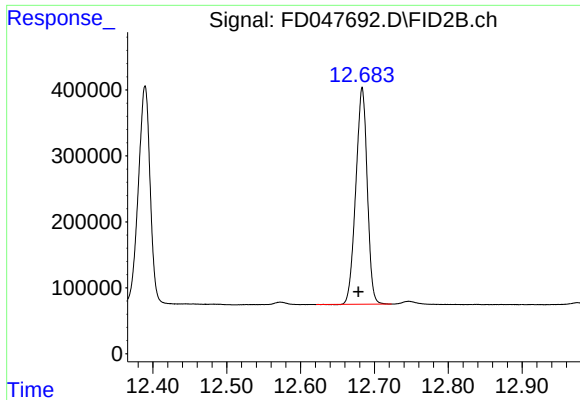
#11 ortho-Terphenyl (SURR)

R.T.: 11.355 min
Delta R.T.: 0.004 min
Response: 4214099
Conc: 22.47 ug/ml



#12 Fluoranthene (C21.85)

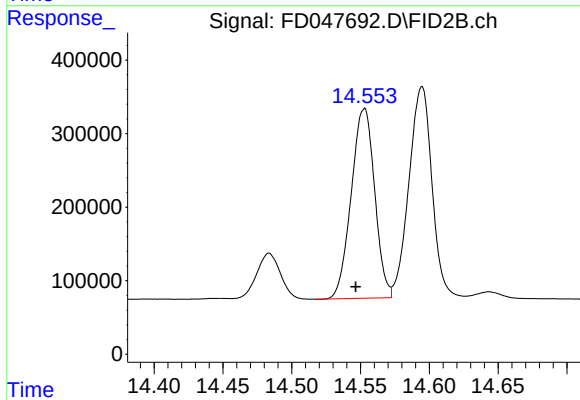
R.T.: 12.389 min
Delta R.T.: 0.006 min
Response: 3710317
Conc: 22.36 ug/ml



#13 Pyrene (C20.8)

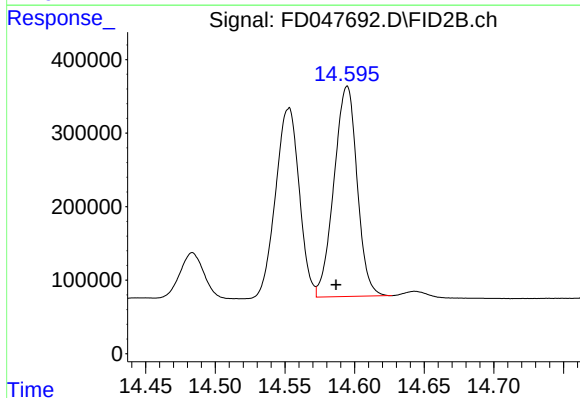
R.T.: 12.683 min
Delta R.T.: 0.005 min
Response: 3532966
Conc: 21.71 ug/ml

Instrument :
FID_D
ClientSampleId :



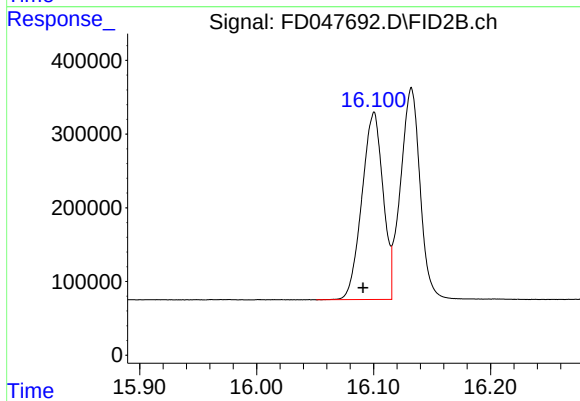
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.553 min
Delta R.T.: 0.006 min
Response: 3057420
Conc: 20.95 ug/ml



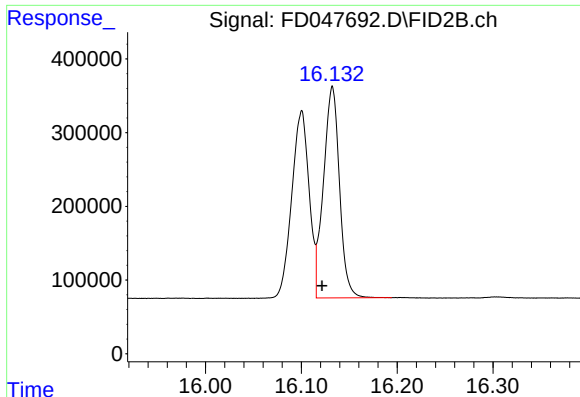
#15 Chrysene (C27.41)

R.T.: 14.594 min
Delta R.T.: 0.008 min
Response: 3311848
Conc: 21.02 ug/ml



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

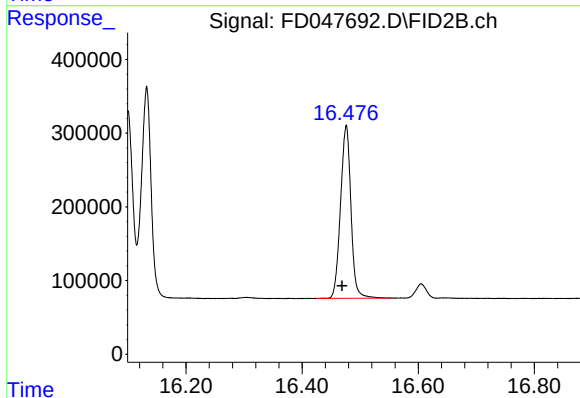
R.T.: 16.100 min
Delta R.T.: 0.009 min
Response: 3191022
Conc: 21.36 ug/ml



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

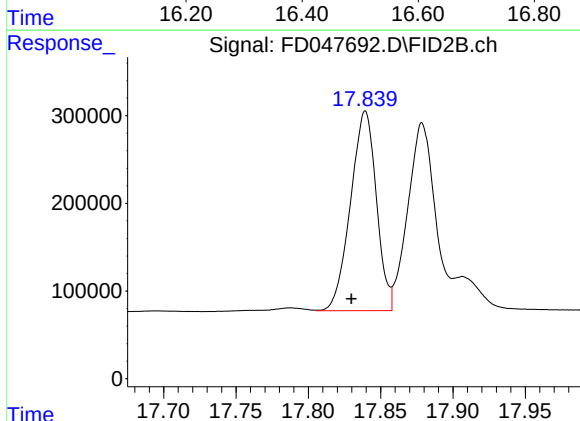
R.T.: 16.132 min
Delta R.T.: 0.011 min
Response: 3334092
Conc: 22.15 ug/ml

Instrument :
FID_D
ClientSampleId :



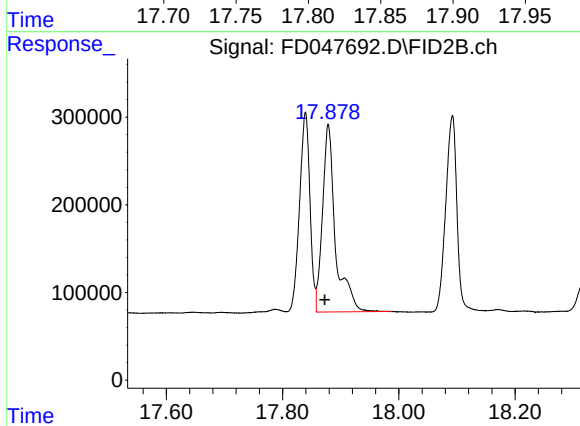
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.476 min
Delta R.T.: 0.007 min
Response: 2921341
Conc: 20.25 ug/ml



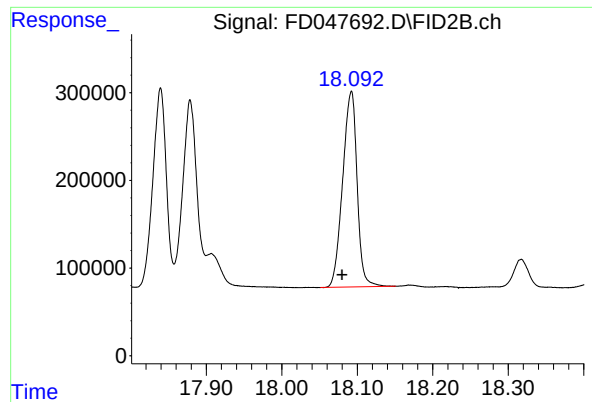
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.839 min
Delta R.T.: 0.010 min
Response: 2829703
Conc: 20.85 ug/ml



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

R.T.: 17.879 min
Delta R.T.: 0.006 min
Response: 3317518
Conc: 23.17 ug/ml



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

R.T.: 18.092 min
Delta R.T.: 0.012 min
Response: 2966329
Conc: 21.61 ug/ml

Instrument :

FID_D

ClientSampleId :