

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022224AR\
 Data File : FD047285.D
 Signal(s) : FID2B.ch
 Acq On : 23 Feb 2024 00:13
 Operator : YP/AJ
 Sample : P1523-04MS
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Feb 23 03:50:08 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 020824.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 08 13:43:49 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...	7.467	9326109	61.258 ug/ml
Spiked Amount 50.000		Recovery =	122.52%
6) S 2-Fluorobiphenyl (SURR)	8.319	5146368	50.914 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	101.83%
11) S ortho-Terphenyl (SURR)	11.356	6678588	37.867 ug/ml
Spiked Amount 50.000		Recovery =	75.73%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.280	7284471	46.207 ug/ml
2) T Naphthalene (C11.7)	5.806	8687603	52.273 ug/ml
3) T 2-Methylnaphthalene (...)	6.854	9185327	54.466 ug/ml
5) T Acenaphthylene (C15.06)	8.125	9732565	63.234 ug/ml
7) T Acenaphthene (C15.5)	8.421	9665528	58.639 ug/ml
8) T Flouorene (C16.55)	9.200	10015484	63.170 ug/ml
9) T Phenanthrene (C19.36)	10.589	10147946	65.320 ug/ml
10) T Anthracene (C19.43)	10.665	10071405	68.296 ug/ml
12) T Fluoranthene (C21.85)	12.394	10290015	66.460 ug/ml
13) T Pyrene (C20.8)	12.689	10315644	68.575 ug/ml
14) T Benzo[a]anthracene (C...	14.554	9635080	71.677 ug/ml
15) T Chrysene (C27.41)	14.599	9456547	64.580 ug/ml
16) T benzo[b]fluoranthene ...	16.098	9351297	67.918 ug/ml
17) T Bnezo[k]fluoranthene ...	16.135	9148424	65.931 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.474	8825009	65.189 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.836	9390823	74.385 ug/ml
20) T Dibenz[a,h]anthracene...	17.876	8479661	63.642 ug/ml
21) T Benzo[g,h,i]perylene ...	18.091	8450313	63.730 ug/ml

(f)=RT Delta > 1/2 Window

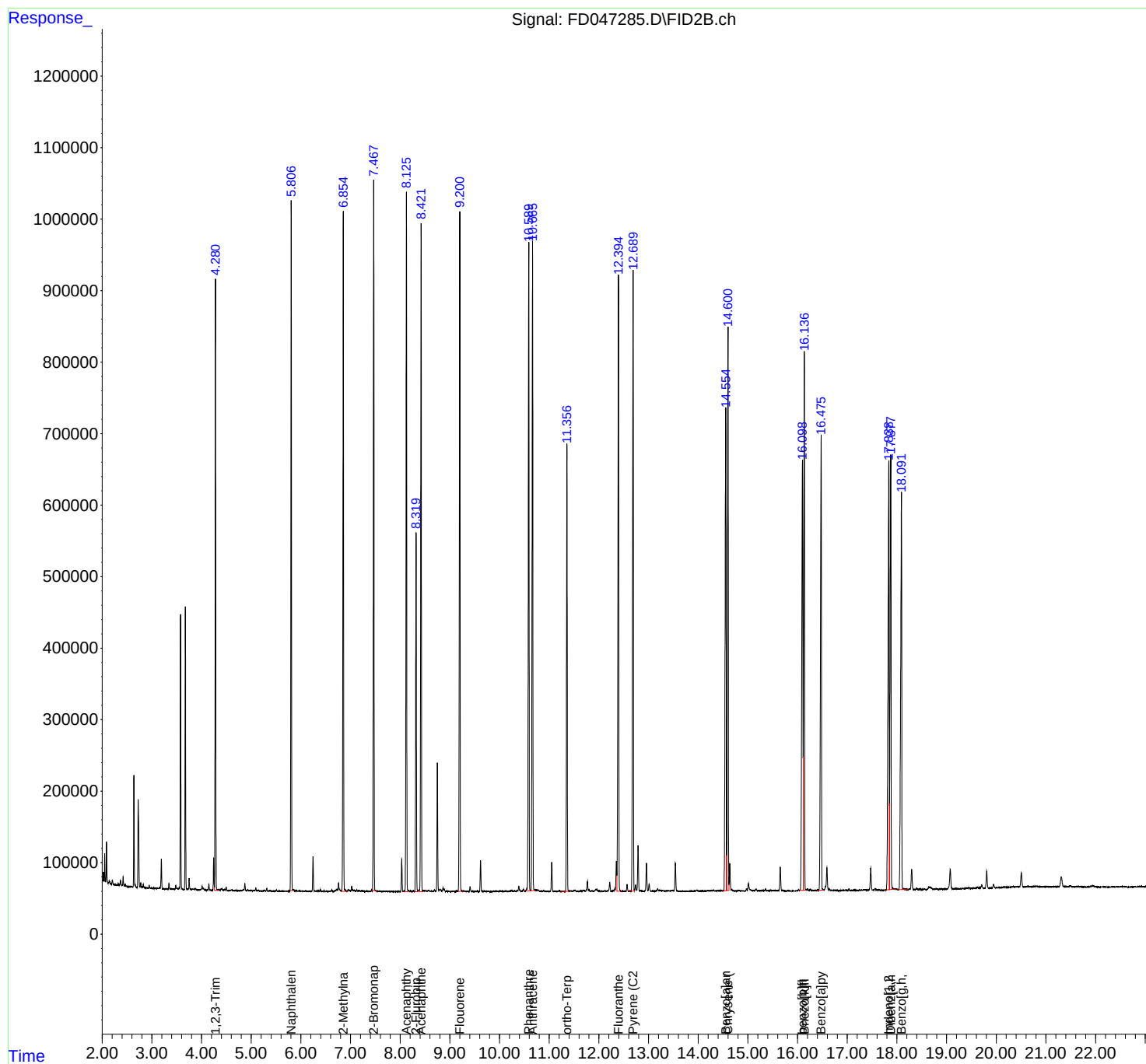
(m)=manual int.

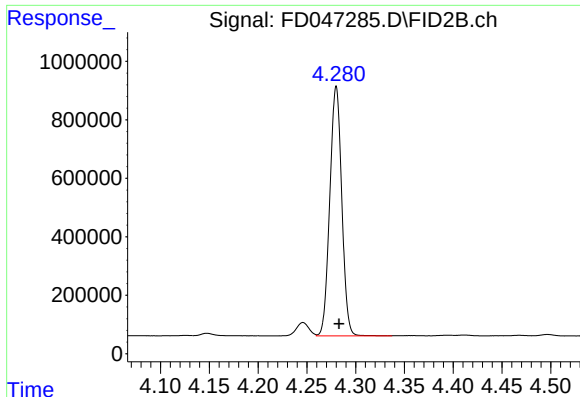
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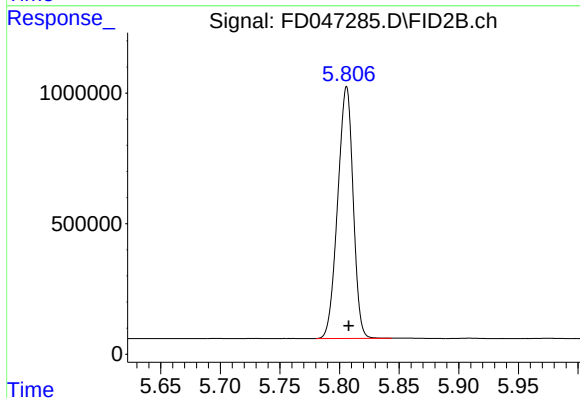




#1 1,2,3-Trimethylbenzene (C10.1)

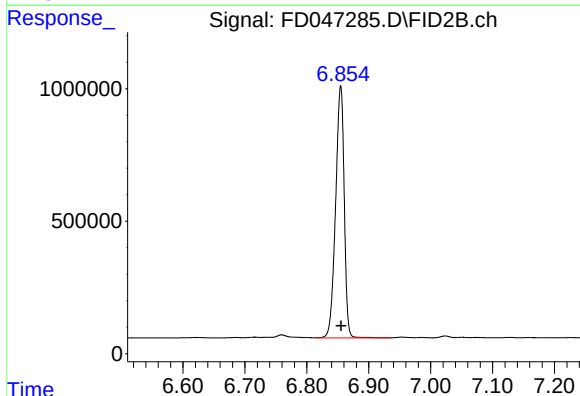
R.T.: 4.280 min
Delta R.T.: -0.003 min
Response: 7284471
Conc: 46.21 ug/ml

Instrument :
FID_D
ClientSampleId :



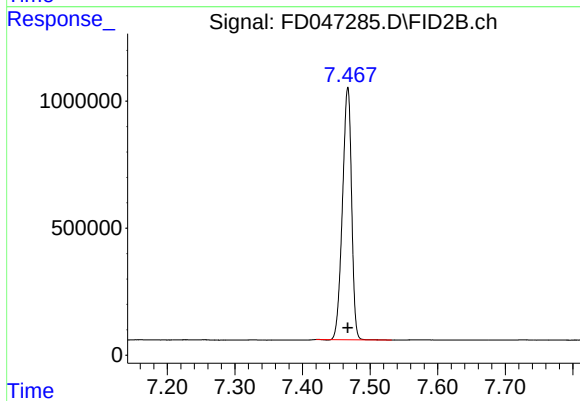
#2 Naphthalene (C11.7)

R.T.: 5.806 min
Delta R.T.: -0.002 min
Response: 8687603
Conc: 52.27 ug/ml



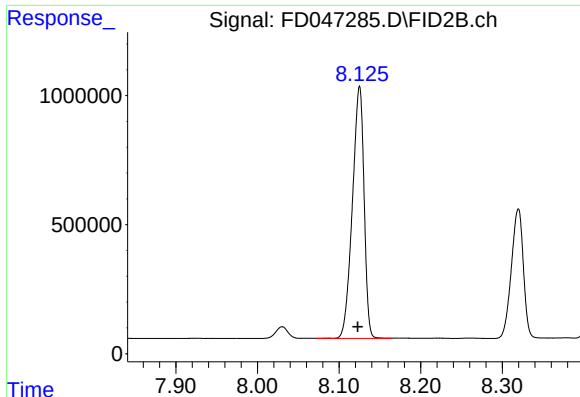
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.854 min
Delta R.T.: 0.000 min
Response: 9185327
Conc: 54.47 ug/ml



#4 2-Bromonaphthalene (SURR)

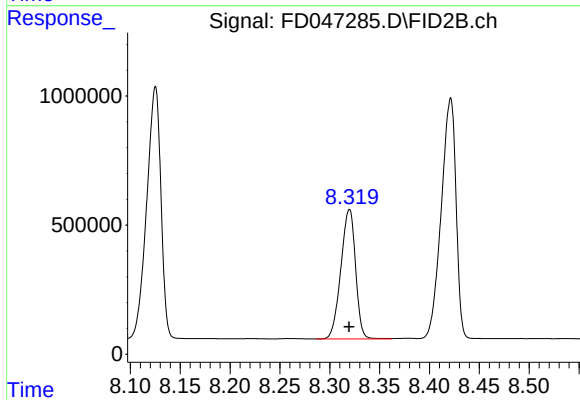
R.T.: 7.467 min
Delta R.T.: 0.000 min
Response: 9326109
Conc: 61.26 ug/ml



#5 Acenaphthylene (C15.06)

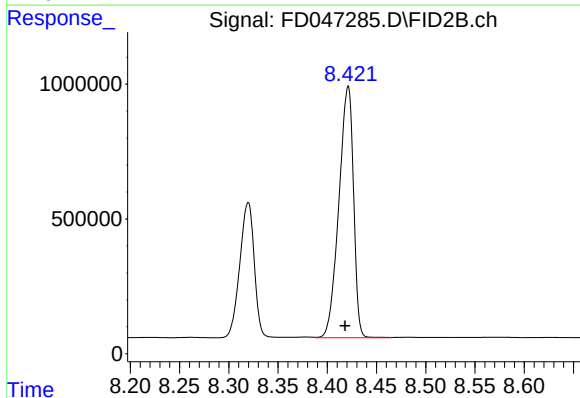
R.T.: 8.125 min
Delta R.T.: 0.002 min
Response: 9732565
Conc: 63.23 ug/ml

Instrument :
FID_D
ClientSampleId :



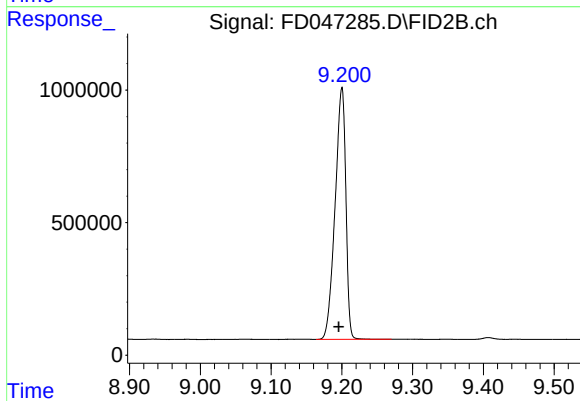
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.319 min
Delta R.T.: 0.000 min
Response: 5146368
Conc: 50.91 ug/ml



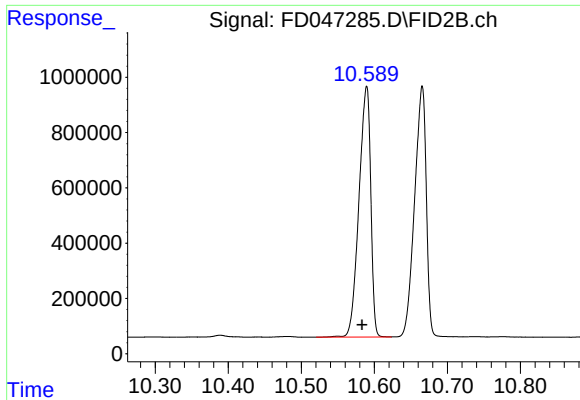
#7 Acenaphthene (C15.5)

R.T.: 8.421 min
Delta R.T.: 0.003 min
Response: 9665528
Conc: 58.64 ug/ml



#8 Flouorene (C16.55)

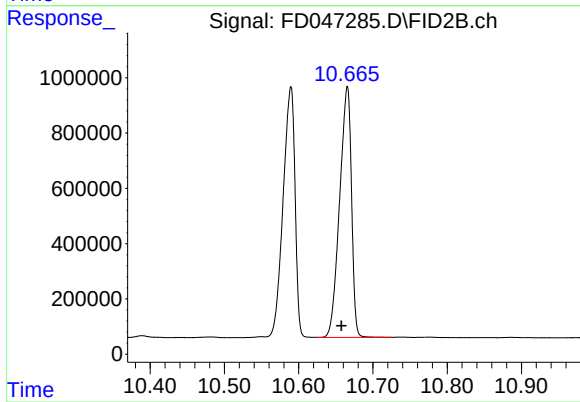
R.T.: 9.200 min
Delta R.T.: 0.004 min
Response: 10015484
Conc: 63.17 ug/ml



#9 Phenanthrene (C19.36)

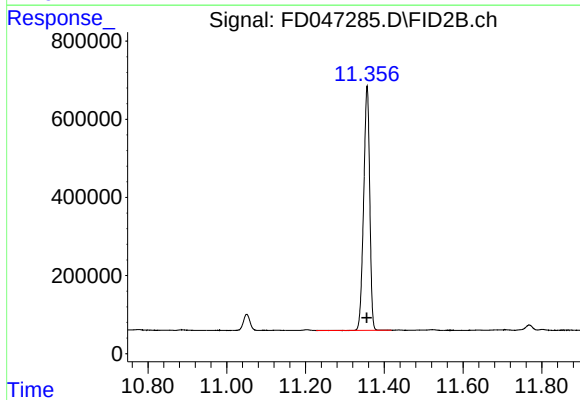
R.T.: 10.589 min
Delta R.T.: 0.006 min
Response: 10147946
Conc: 65.32 ug/ml

Instrument :
FID_D
ClientSampleId :



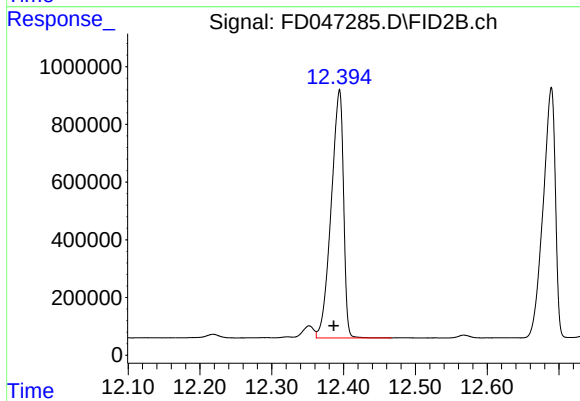
#10 Anthracene (C19.43)

R.T.: 10.665 min
Delta R.T.: 0.007 min
Response: 10071405
Conc: 68.30 ug/ml



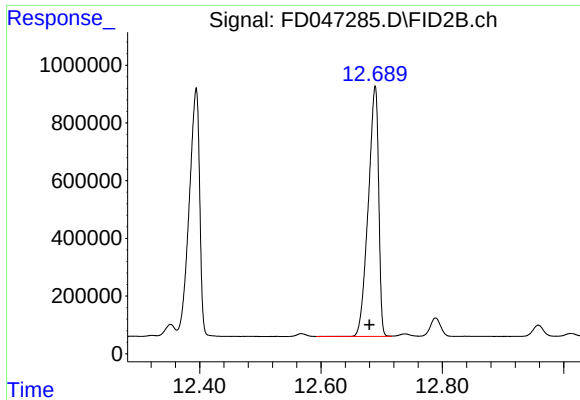
#11 ortho-Terphenyl (SURR)

R.T.: 11.356 min
Delta R.T.: 0.001 min
Response: 6678588
Conc: 37.87 ug/ml



#12 Fluoranthene (C21.85)

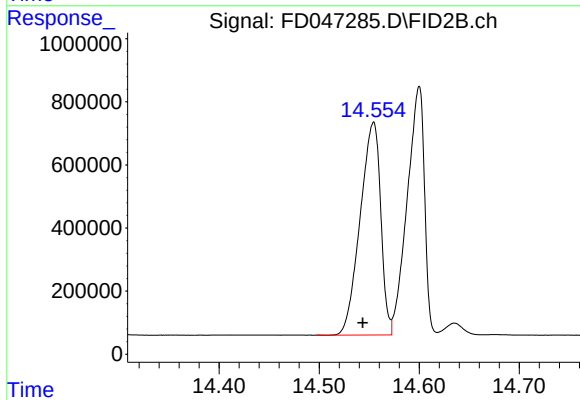
R.T.: 12.394 min
Delta R.T.: 0.007 min
Response: 10290015
Conc: 66.46 ug/ml



#13 Pyrene (C20.8)

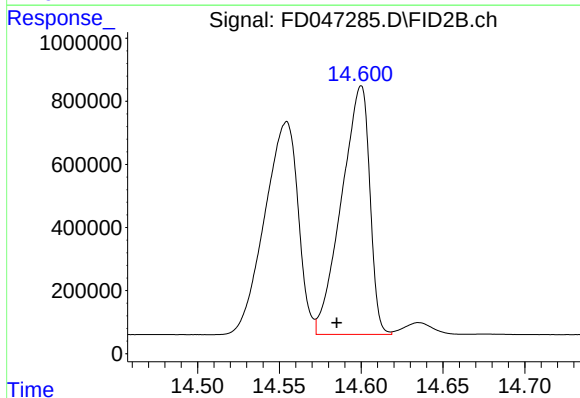
R.T.: 12.689 min
Delta R.T.: 0.009 min
Response: 10315644
Conc: 68.58 ug/ml

Instrument :
FID_D
ClientSampleId :



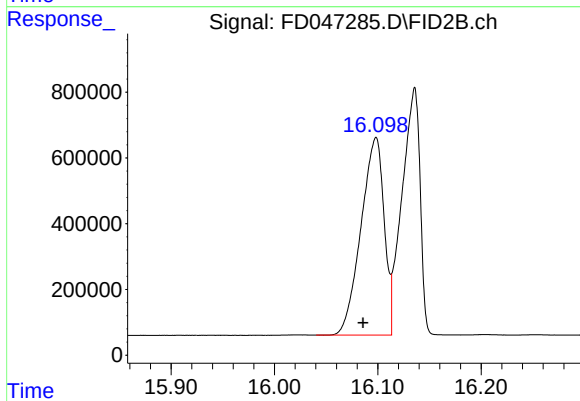
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.554 min
Delta R.T.: 0.010 min
Response: 9635080
Conc: 71.68 ug/ml



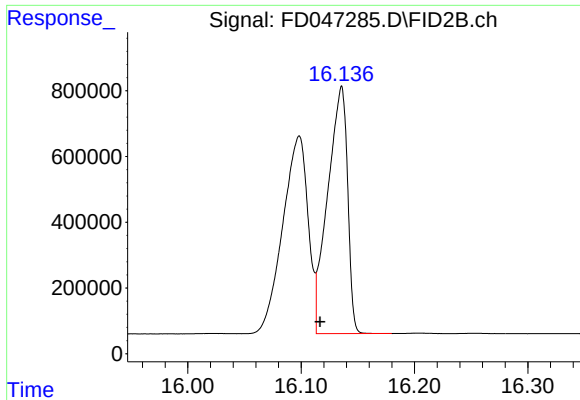
#15 Chrysene (C27.41)

R.T.: 14.599 min
Delta R.T.: 0.014 min
Response: 9456547
Conc: 64.58 ug/ml



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

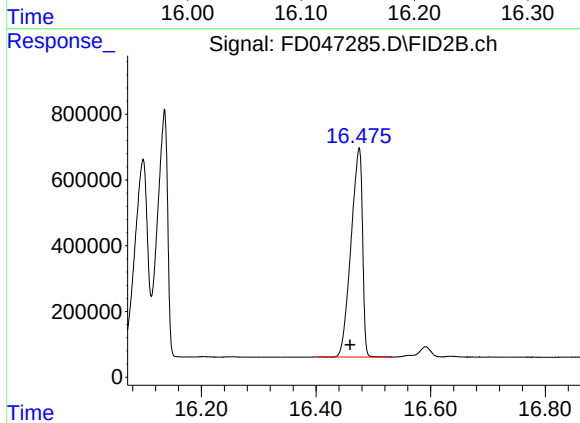
R.T.: 16.098 min
Delta R.T.: 0.012 min
Response: 9351297
Conc: 67.92 ug/ml



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

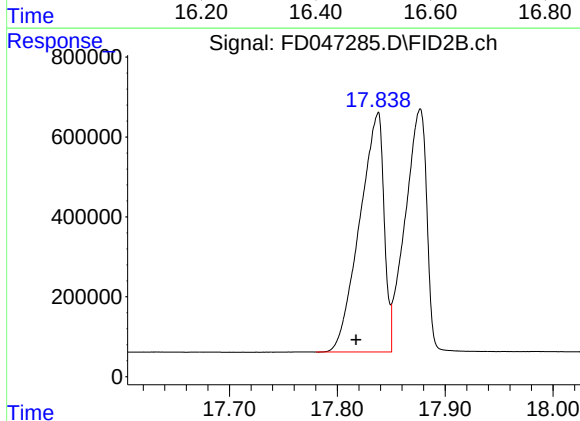
R.T.: 16.135 min
Delta R.T.: 0.018 min
Response: 9148424
Conc: 65.93 ug/ml

Instrument :
FID_D
ClientSampleId :



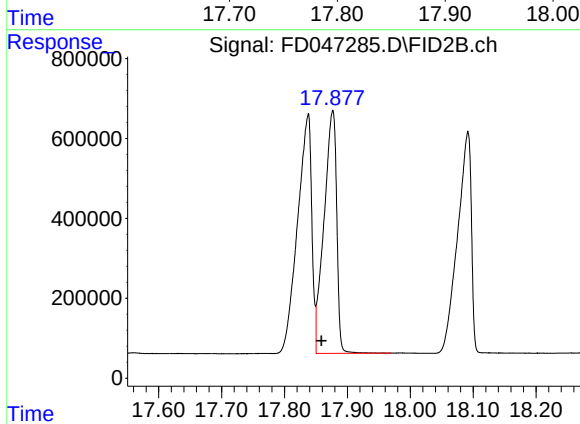
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.474 min
Delta R.T.: 0.015 min
Response: 8825009
Conc: 65.19 ug/ml



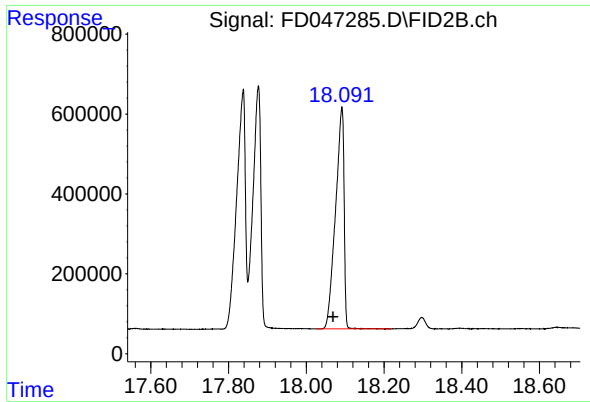
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.836 min
Delta R.T.: 0.019 min
Response: 9390823
Conc: 74.38 ug/ml



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

R.T.: 17.876 min
Delta R.T.: 0.017 min
Response: 8479661
Conc: 63.64 ug/ml



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

R.T.: 18.091 min
Delta R.T.: 0.022 min
Response: 8450313
Conc: 63.73 ug/ml

Instrument :

FID_D

ClientSampleId :