

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022024AR\
 Data File : FD047268.D
 Signal(s) : FID2B.ch
 Acq On : 20 Feb 2024 16:42
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Feb 21 01:35:02 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...	7.463	2970965	19.515 ug/ml
Spiked Amount 50.000		Recovery =	39.03%
6) S 2-Fluorobiphenyl (SURR)	8.316	1971762	19.507 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.01%
11) S ortho-Terphenyl (SURR)	11.352	3406626	19.315 ug/ml
Spiked Amount 50.000		Recovery =	38.63%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.280	3074199	19.500 ug/ml
2) T Naphthalene (C11.7)	5.804	3250478	19.558 ug/ml
3) T 2-Methylnaphthalene (...)	6.851	3279564	19.447 ug/ml
5) T Acenaphthylene (C15.06)	8.119	2948576	19.157 ug/ml
7) T Acenaphthene (C15.5)	8.414	3194418	19.380 ug/ml
8) T Flouorene (C16.55)	9.192	3082913	19.445 ug/ml
9) T Phenanthrene (C19.36)	10.580	2976299	19.158 ug/ml
10) T Anthracene (C19.43)	10.654	2335567	15.838 ug/ml
12) T Fluoranthene (C21.85)	12.383	3079952	19.892 ug/ml
13) T Pyrene (C20.8)	12.677	2893131	19.233 ug/ml
14) T Benzo[a]anthracene (C...	14.540	2561472	19.055 ug/ml
15) T Chrysene (C27.41)	14.582	2833223	19.348 ug/ml
16) T benzo[b]fluoranthene ...	16.082	2646490	19.221 ug/ml
17) T Bnezo[k]fluoranthene ...	16.114	2827867	20.380 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.455	2489119	18.387 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.814	2429166	19.242 ug/ml
20) T Dibenz[a,h]anthracene...	17.855	2455423	18.428 ug/ml
21) T Benzo[g,h,i]perylene ...	18.065	2578876	19.449 ug/ml

(f)=RT Delta > 1/2 Window

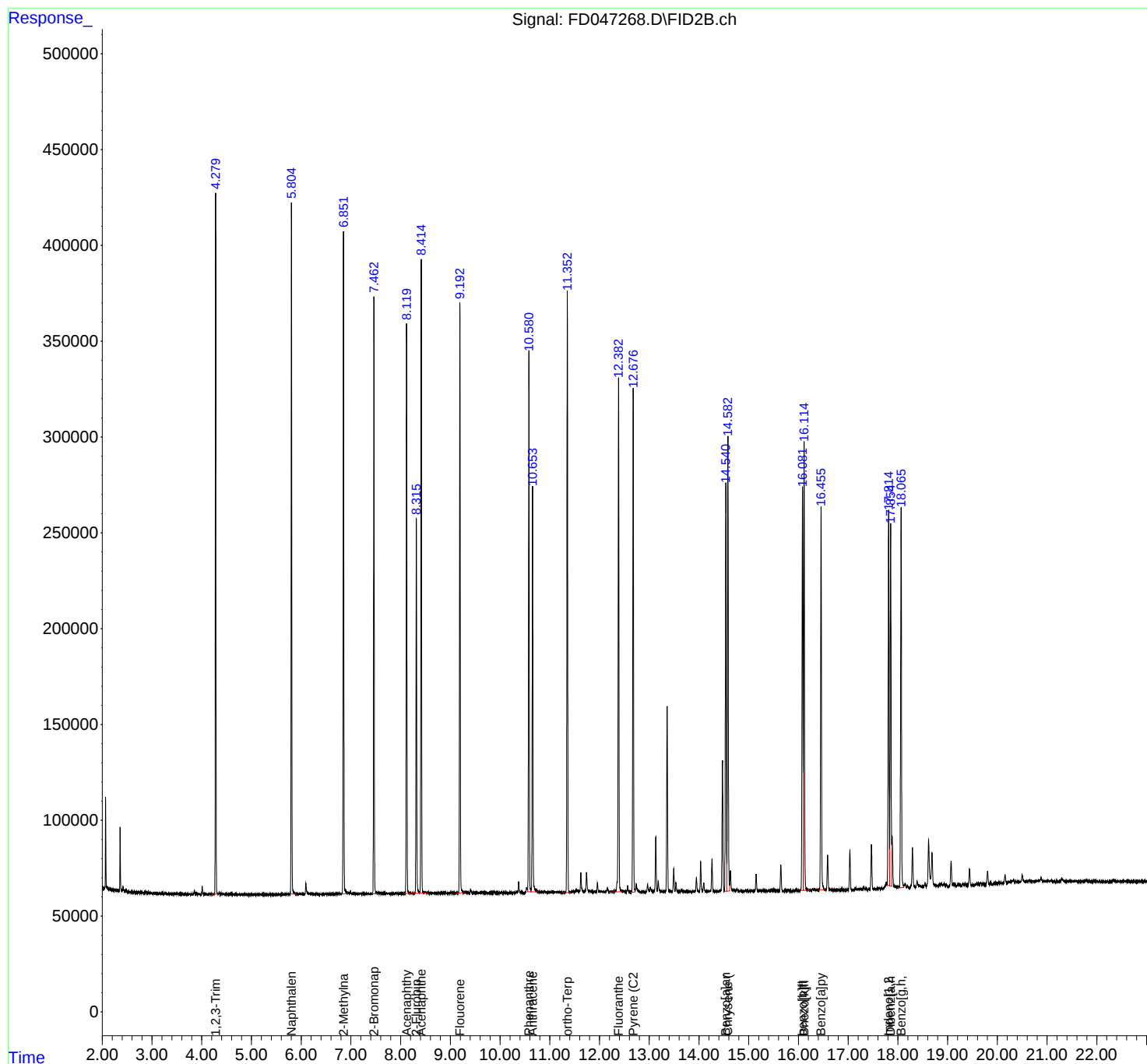
(m)=manual int.

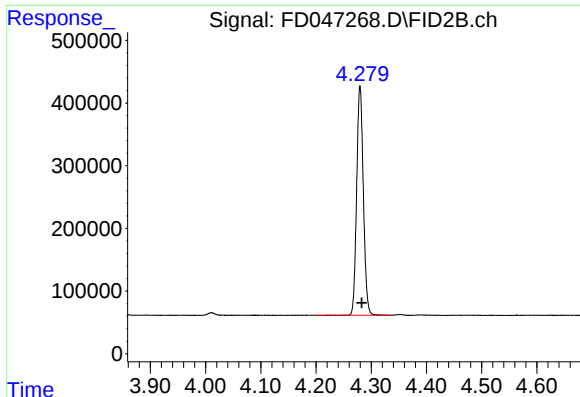
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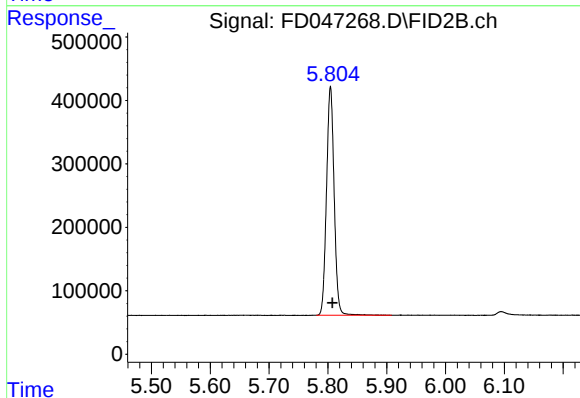




#1 1,2,3-Trimethylbenzene (C10.1)

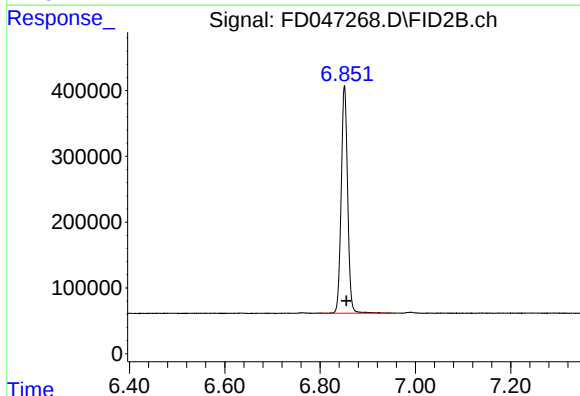
R.T.: 4.280 min
Delta R.T.: -0.003 min
Response: 3074199
Conc: 19.50 ug/ml

Instrument :
FID_D
ClientSampleId :



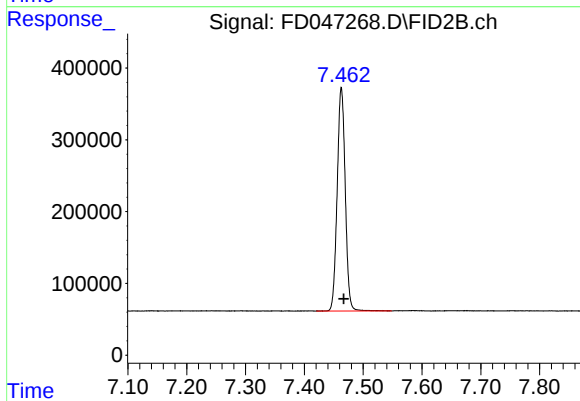
#2 Naphthalene (C11.7)

R.T.: 5.804 min
Delta R.T.: -0.003 min
Response: 3250478
Conc: 19.56 ug/ml



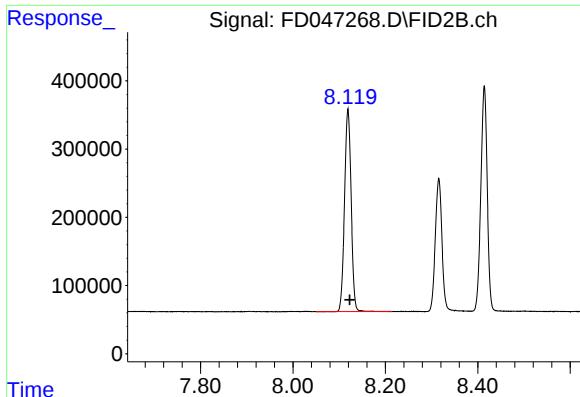
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.851 min
Delta R.T.: -0.004 min
Response: 3279564
Conc: 19.45 ug/ml



#4 2-Bromonaphthalene (SURR)

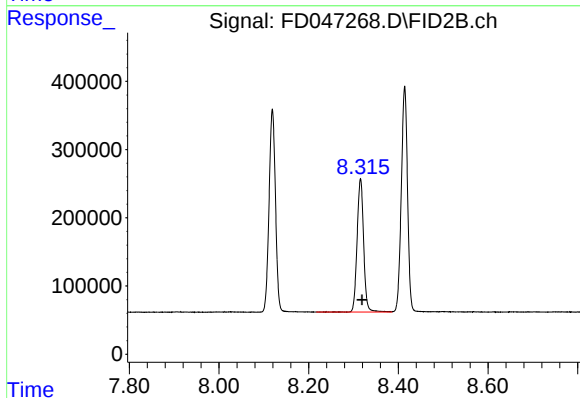
R.T.: 7.463 min
Delta R.T.: -0.004 min
Response: 2970965
Conc: 19.51 ug/ml



#5 Acenaphthylene (C15.06)

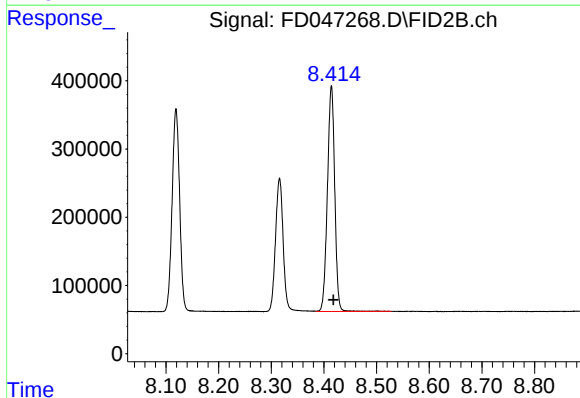
R.T.: 8.119 min
Delta R.T.: -0.004 min
Response: 2948576
Conc: 19.16 ug/ml

Instrument :
FID_D
ClientSampleId :



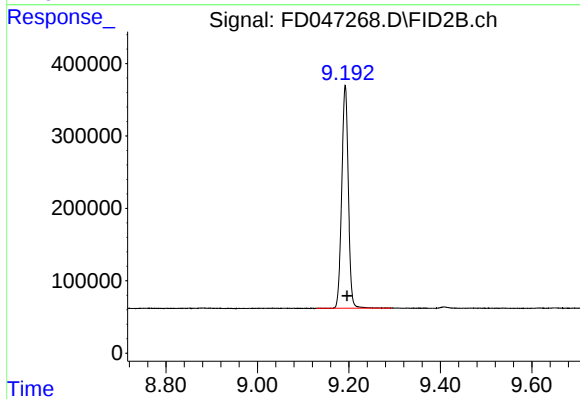
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.316 min
Delta R.T.: -0.004 min
Response: 1971762
Conc: 19.51 ug/ml



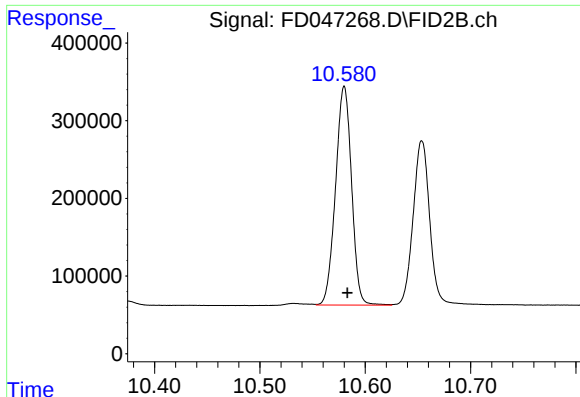
#7 Acenaphthene (C15.5)

R.T.: 8.414 min
Delta R.T.: -0.004 min
Response: 3194418
Conc: 19.38 ug/ml



#8 Fluorene (C16.55)

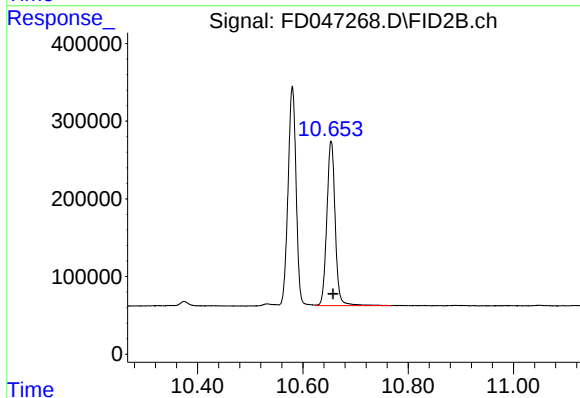
R.T.: 9.192 min
Delta R.T.: -0.004 min
Response: 3082913
Conc: 19.44 ug/ml



#9 Phenanthrene (C19.36)

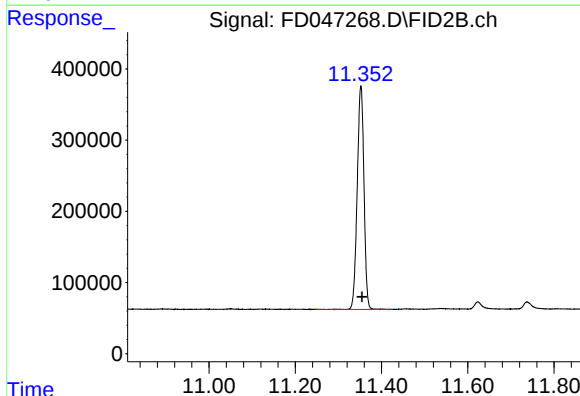
R.T.: 10.580 min
Delta R.T.: -0.003 min
Response: 2976299
Conc: 19.16 ug/ml

Instrument :
FID_D
ClientSampleId :



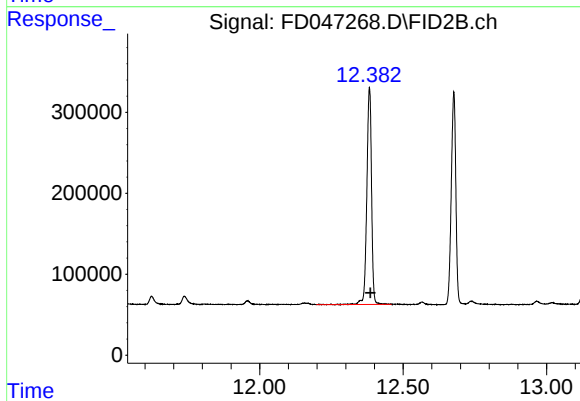
#10 Anthracene (C19.43)

R.T.: 10.654 min
Delta R.T.: -0.004 min
Response: 2335567
Conc: 15.84 ug/ml



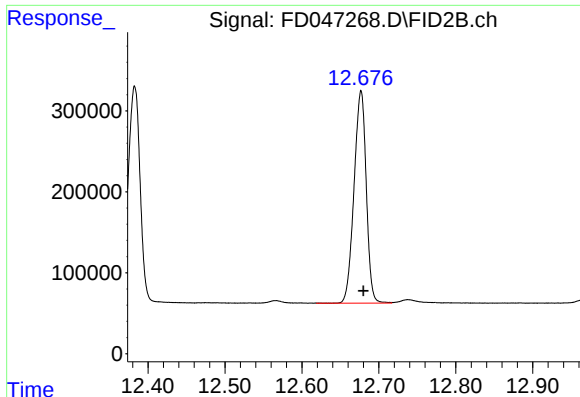
#11 ortho-Terphenyl (SURR)

R.T.: 11.352 min
Delta R.T.: -0.003 min
Response: 3406626
Conc: 19.32 ug/ml



#12 Fluoranthene (C21.85)

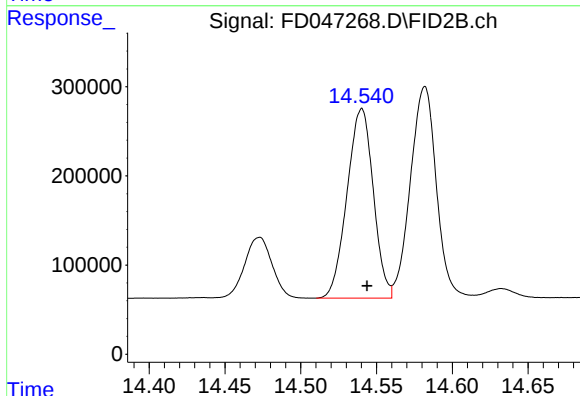
R.T.: 12.383 min
Delta R.T.: -0.004 min
Response: 3079952
Conc: 19.89 ug/ml



#13 Pyrene (C20.8)

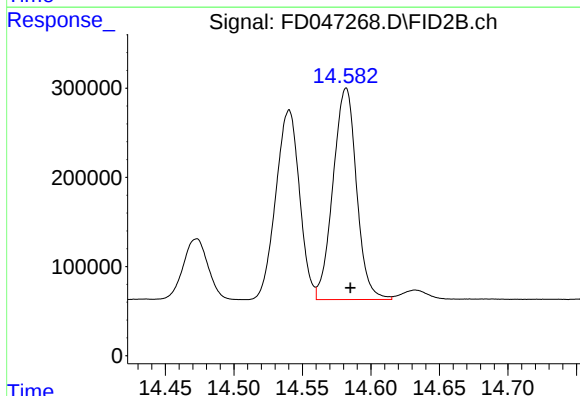
R.T.: 12.677 min
Delta R.T.: -0.003 min
Response: 2893131
Conc: 19.23 ug/ml

Instrument :
FID_D
ClientSampleId :



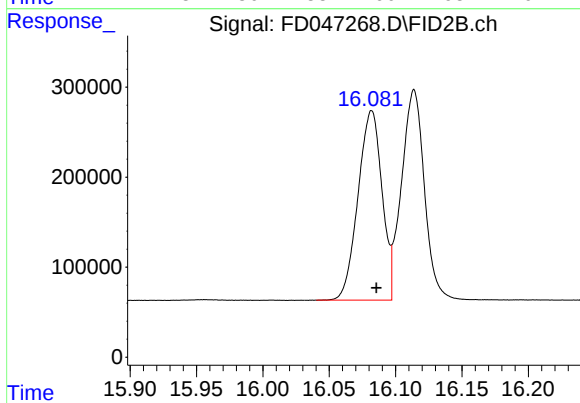
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.540 min
Delta R.T.: -0.004 min
Response: 2561472
Conc: 19.06 ug/ml



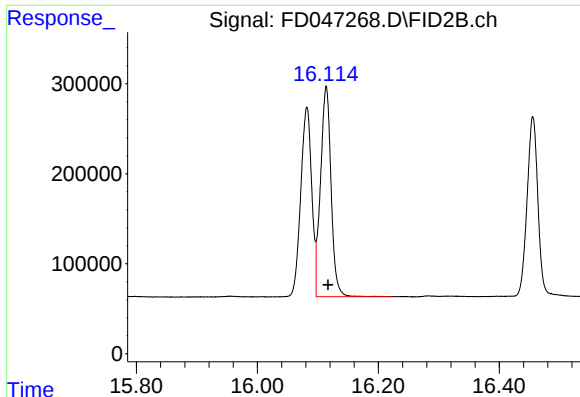
#15 Chrysene (C27.41)

R.T.: 14.582 min
Delta R.T.: -0.003 min
Response: 2833223
Conc: 19.35 ug/ml



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

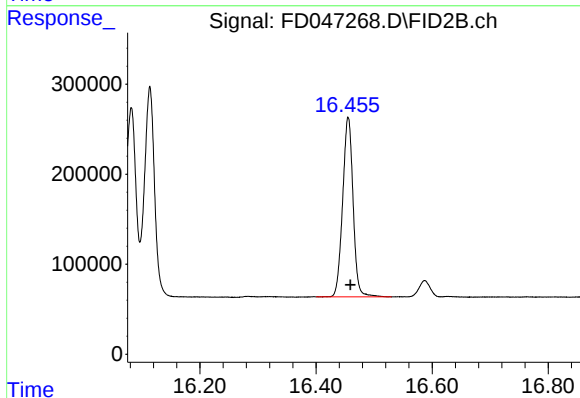
R.T.: 16.082 min
Delta R.T.: -0.004 min
Response: 2646490
Conc: 19.22 ug/ml



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

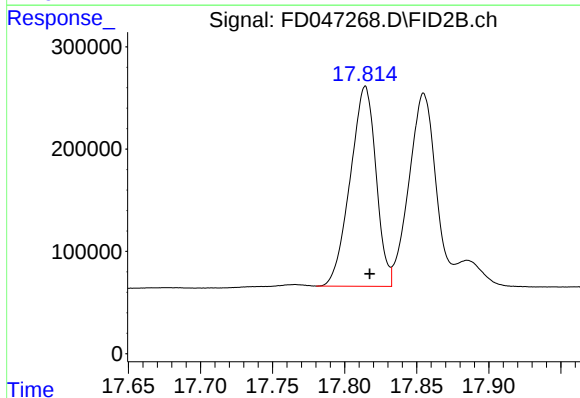
R.T.: 16.114 min
Delta R.T.: -0.003 min
Response: 2827867
Conc: 20.38 ug/ml

Instrument :
FID_D
ClientSampleId :



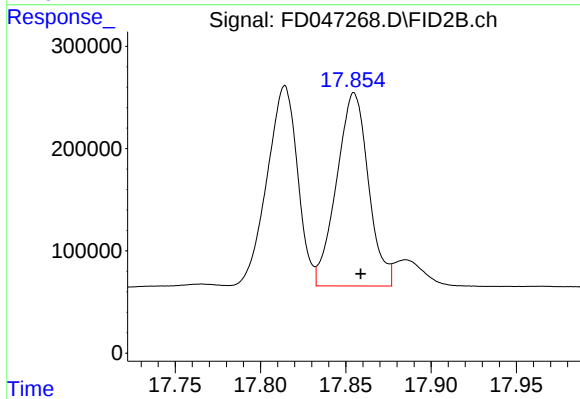
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.455 min
Delta R.T.: -0.004 min
Response: 2489119
Conc: 18.39 ug/ml



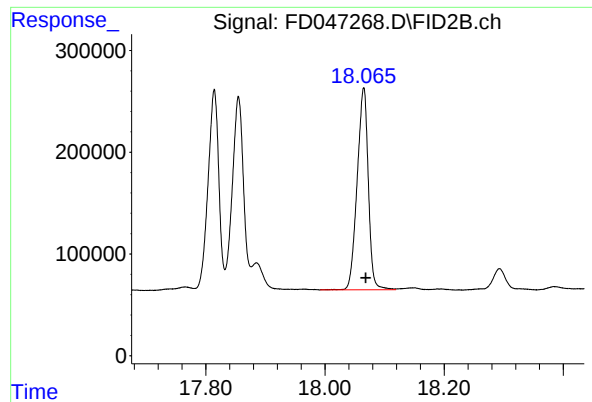
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.814 min
Delta R.T.: -0.003 min
Response: 2429166
Conc: 19.24 ug/ml



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

R.T.: 17.855 min
Delta R.T.: -0.004 min
Response: 2455423
Conc: 18.43 ug/ml



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

R.T.: 18.065 min
Delta R.T.: -0.004 min
Response: 2578876
Conc: 19.45 ug/ml

Instrument :

FID_D

ClientSampleId :