

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022624AR\
 Data File : FD047326.D
 Signal(s) : FID2B.ch
 Acq On : 27 Feb 2024 01:53
 Operator : YP/AJ
 Sample : P1538-12
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Feb 27 03:11:01 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...	7.465	8116983	53.316 ug/ml
Spiked Amount 50.000		Recovery =	106.63%
6) S 2-Fluorobiphenyl (SURR)	8.317	5211216	51.556 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	103.11%
11) S ortho-Terphenyl (SURR)	11.354	6347794	35.991 ug/ml
Spiked Amount 50.000		Recovery =	71.98%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.245	19162	0.122 ug/ml
2) T Naphthalene (C11.7)	5.809	32395	0.195 ug/ml
3) T 2-Methylnaphthalene (...)	6.863	56280	0.334 ug/ml
5) T Acenaphthylene (C15.06)	8.123	34329	0.223 ug/ml
7) T Acenaphthene (C15.5)	8.374	33492	0.203 ug/ml
8) T Flouorene (C16.55)	9.206	39314	0.248 ug/ml
9) T Phenanthrene (C19.36)	10.585	34627	0.223 ug/ml
12) T Fluoranthene (C21.85)	12.386	59930	0.387 ug/ml
13) T Pyrene (C20.8)	12.678	62686	0.417 ug/ml
14) T Benzo[a]anthracene (C...	14.547	28427	0.211 ug/ml
15) T Chrysene (C27.41)	14.587	52147	0.356 ug/ml
16) T benzo[b]fluoranthene ...	16.090	30533	0.222 ug/ml
17) T Bnezo[k]fluoranthene ...	16.090	30533	0.220 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.465	16852	0.124 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.822	196980	1.560 ug/ml
20) T Dibenz[a,h]anthracene...	17.887	61635	0.463 ug/ml
21) T Benzo[g,h,i]perylene ...	18.073	24352	0.184 ug/ml

(f)=RT Delta > 1/2 Window

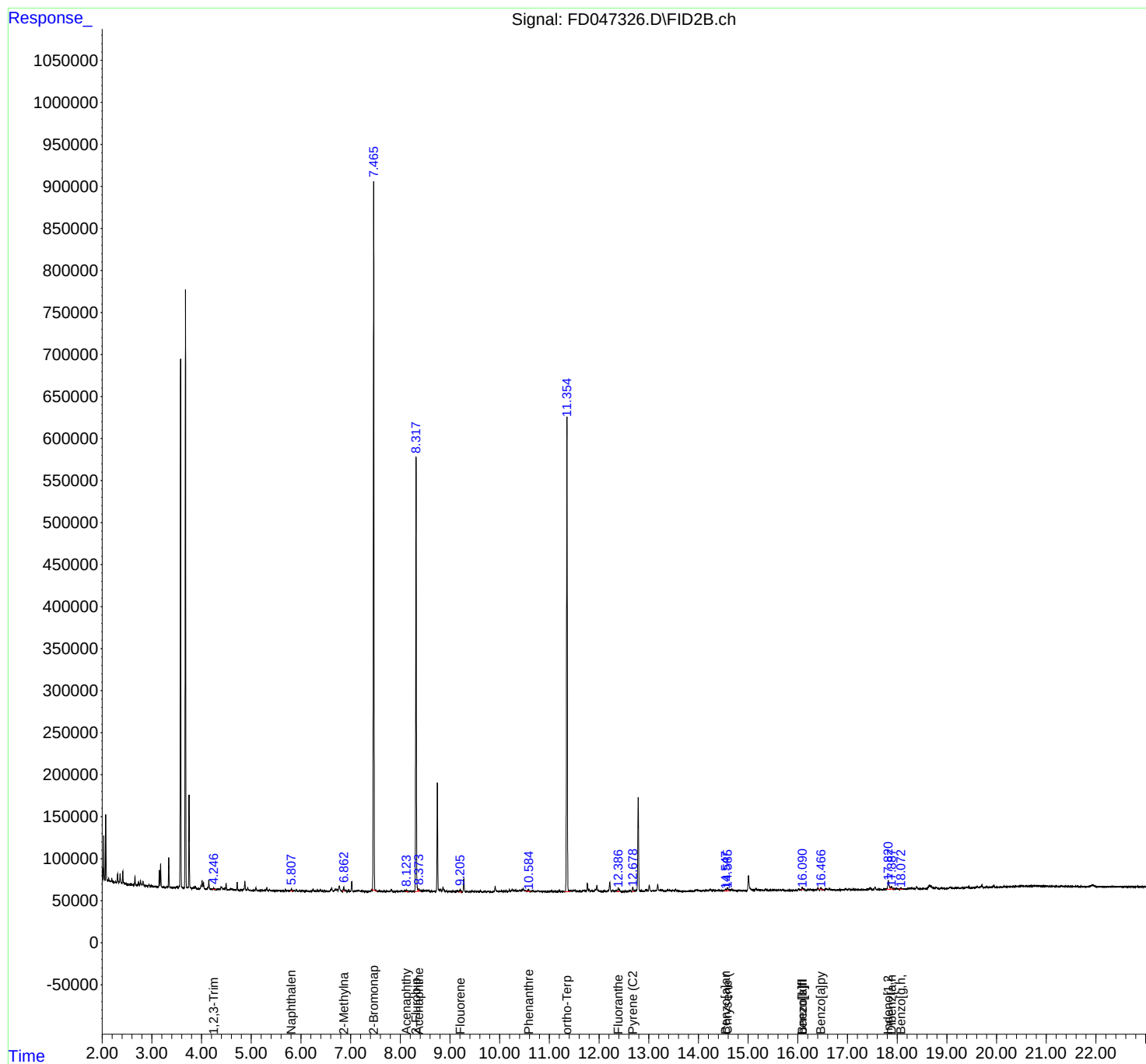
(m)=manual int.

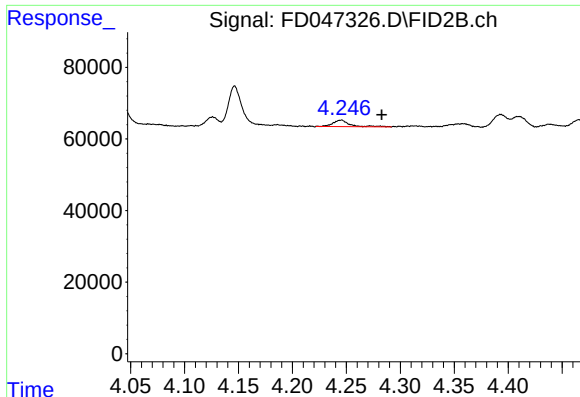
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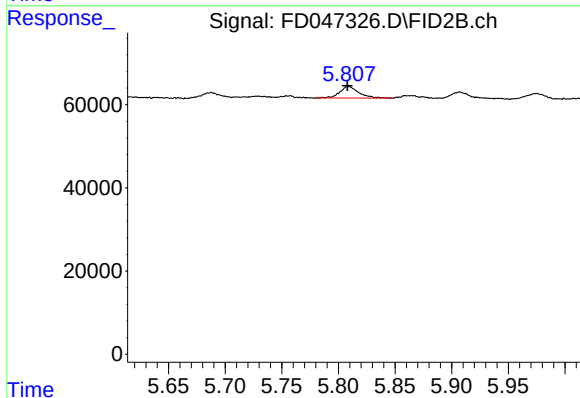




#1 1,2,3-Trimethylbenzene (C10.1)

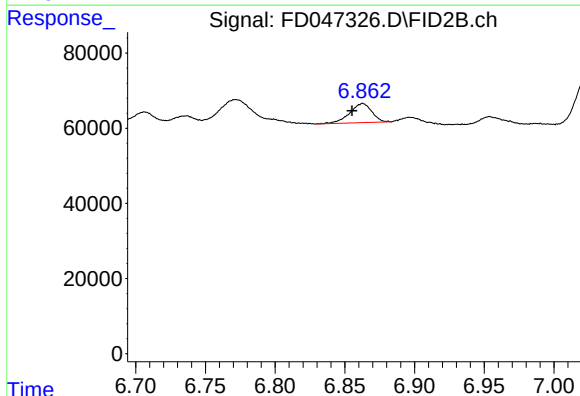
R.T.: 4.245 min
Delta R.T.: -0.038 min
Response: 19162
Conc: 0.12 ug/ml

Instrument :
FID_D
ClientSampleId :



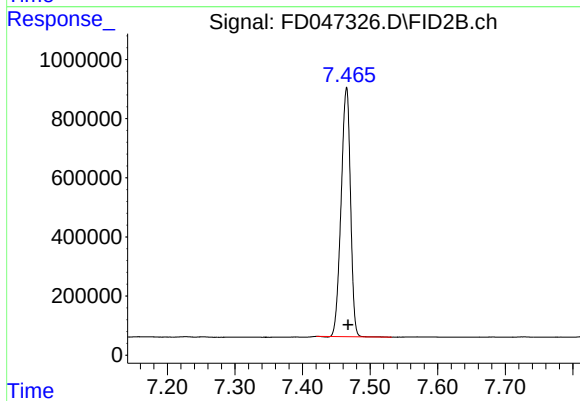
#2 Naphthalene (C11.7)

R.T.: 5.809 min
Delta R.T.: 0.001 min
Response: 32395
Conc: 0.19 ug/ml



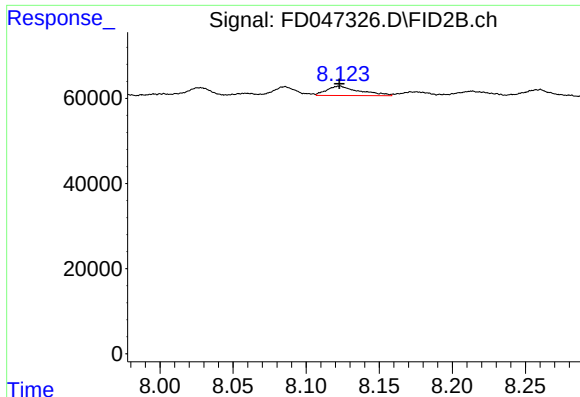
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.863 min
Delta R.T.: 0.007 min
Response: 56280
Conc: 0.33 ug/ml



#4 2-Bromonaphthalene (SURR)

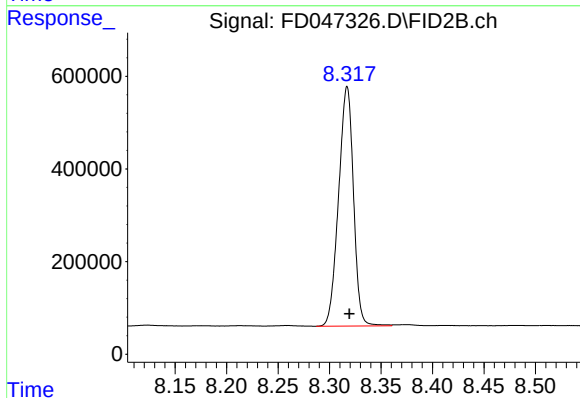
R.T.: 7.465 min
Delta R.T.: -0.002 min
Response: 8116983
Conc: 53.32 ug/ml



#5 Acenaphthylene (C15.06)

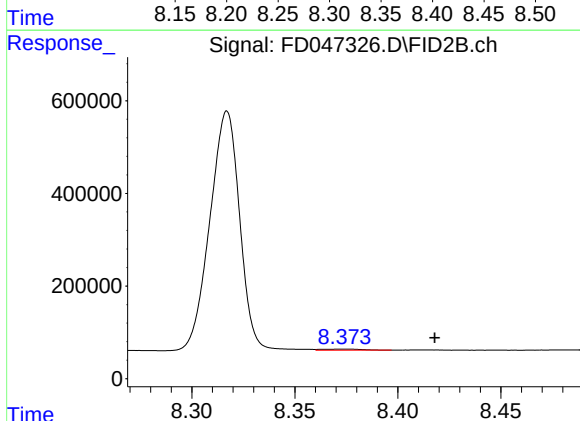
R.T.: 8.123 min
Delta R.T.: 0.000 min
Response: 34329
Conc: 0.22 ug/ml

Instrument :
FID_D
ClientSampleId :



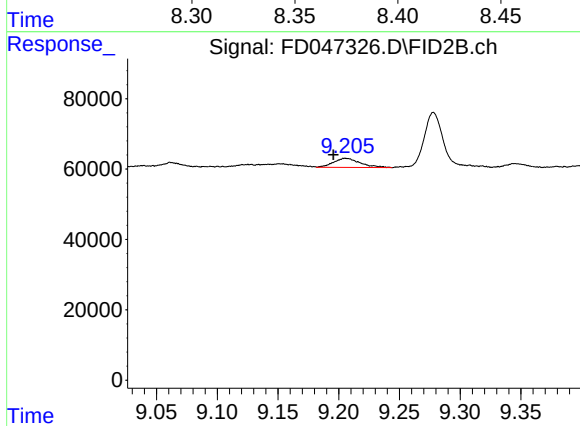
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.317 min
Delta R.T.: -0.002 min
Response: 5211216
Conc: 51.56 ug/ml



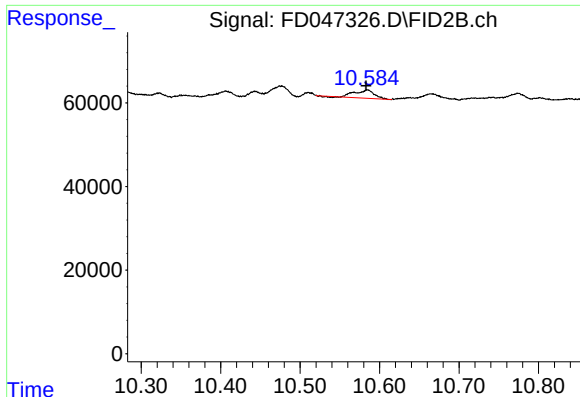
#7 Acenaphthene (C15.5)

R.T.: 8.374 min
Delta R.T.: -0.044 min
Response: 33492
Conc: 0.20 ug/ml



#8 Flouorene (C16.55)

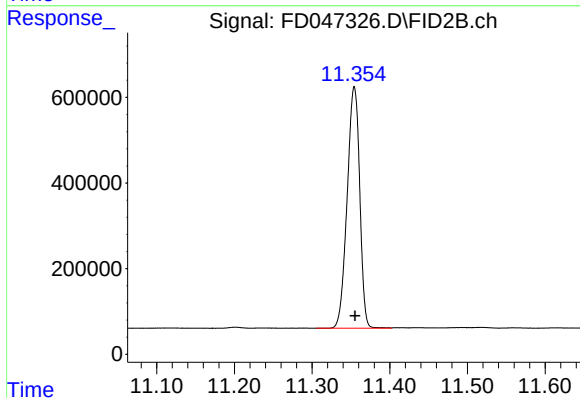
R.T.: 9.206 min
Delta R.T.: 0.010 min
Response: 39314
Conc: 0.25 ug/ml



#9 Phenanthrene (C19.36)

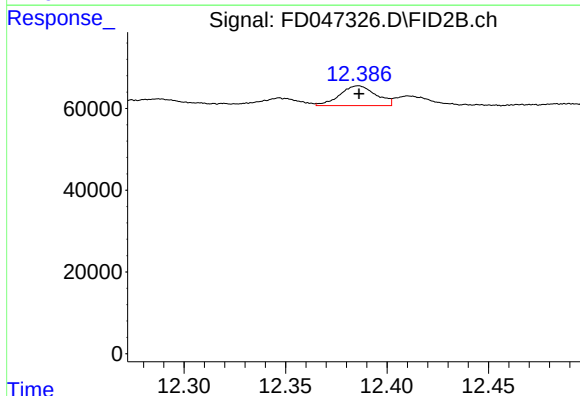
R.T.: 10.585 min
Delta R.T.: 0.001 min
Response: 34627
Conc: 0.22 ug/ml

Instrument :
FID_D
ClientSampleId :



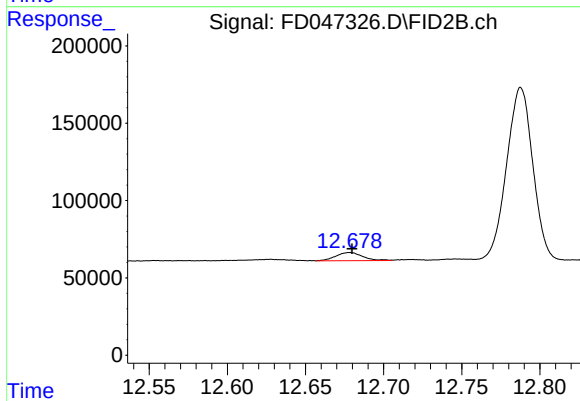
#11 ortho-Terphenyl (SURR)

R.T.: 11.354 min
Delta R.T.: 0.000 min
Response: 6347794
Conc: 35.99 ug/ml



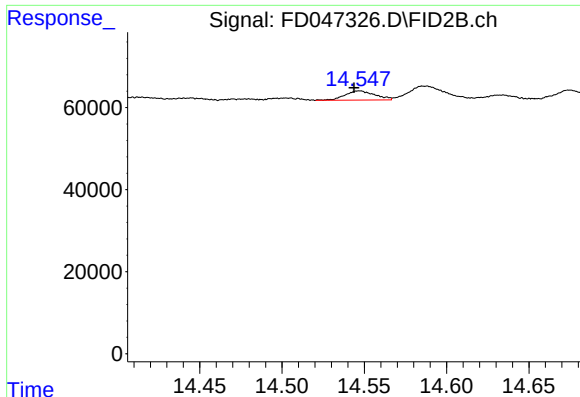
#12 Fluoranthene (C21.85)

R.T.: 12.386 min
Delta R.T.: 0.000 min
Response: 59930
Conc: 0.39 ug/ml



#13 Pyrene (C20.8)

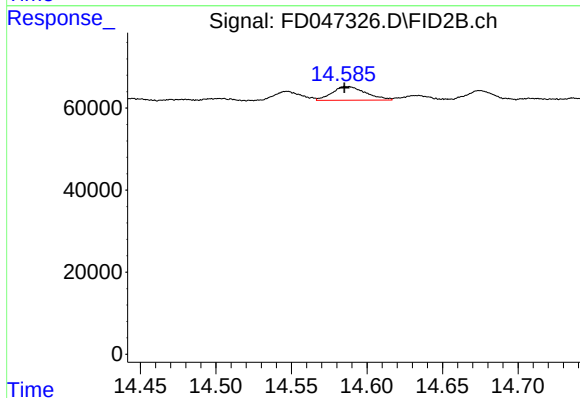
R.T.: 12.678 min
Delta R.T.: -0.002 min
Response: 62686
Conc: 0.42 ug/ml



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

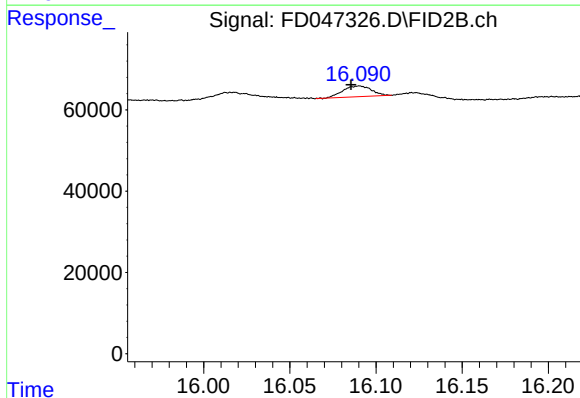
R.T.: 14.547 min
Delta R.T.: 0.003 min
Response: 28427
Conc: 0.21 ug/ml

Instrument :
FID_D
ClientSampleId :



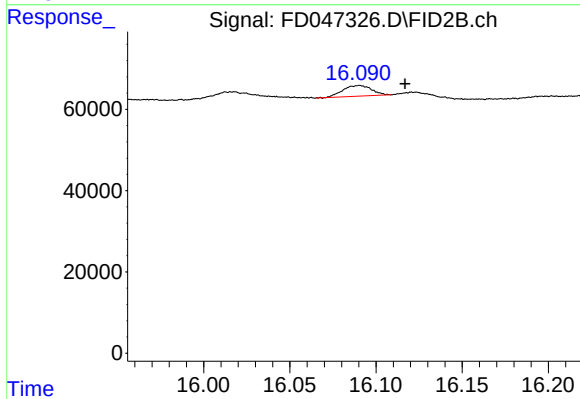
#15 Chrysene (C27.41)

R.T.: 14.587 min
Delta R.T.: 0.002 min
Response: 52147
Conc: 0.36 ug/ml



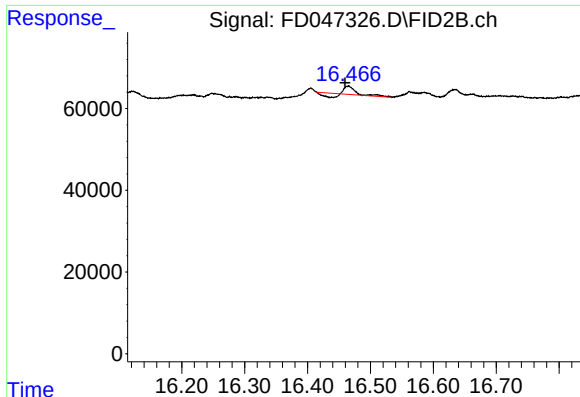
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.090 min
Delta R.T.: 0.004 min
Response: 30533
Conc: 0.22 ug/ml



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

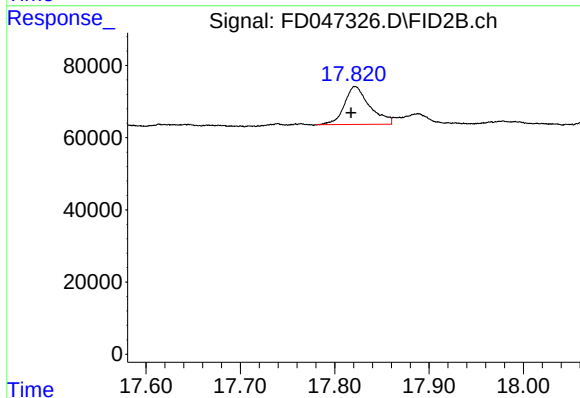
R.T.: 16.090 min
Delta R.T.: -0.027 min
Response: 30533
Conc: 0.22 ug/ml



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

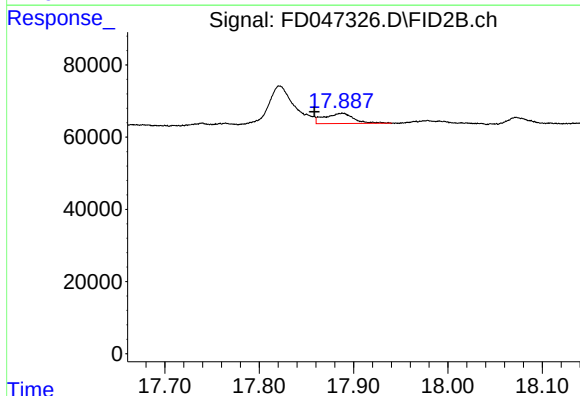
R.T.: 16.465 min
Delta R.T.: 0.005 min
Response: 16852
Conc: 0.12 ug/ml

Instrument :
FID_D
ClientSampleId :



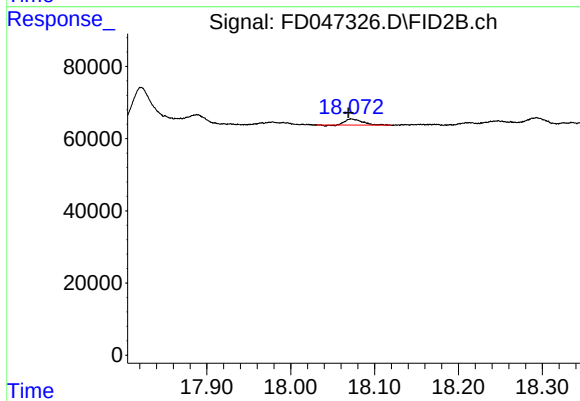
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.822 min
Delta R.T.: 0.004 min
Response: 196980
Conc: 1.56 ug/ml



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

R.T.: 17.887 min
Delta R.T.: 0.029 min
Response: 61635
Conc: 0.46 ug/ml



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

R.T.: 18.073 min
Delta R.T.: 0.004 min
Response: 24352
Conc: 0.18 ug/ml