

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022624AR\
 Data File : FD047329.D
 Signal(s) : FID2B.ch
 Acq On : 27 Feb 2024 03:48
 Operator : YP/AJ
 Sample : P1538-14D
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Feb 27 04:27:59 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...	7.464	5943140	39.037 ug/ml
Spiked Amount 50.000		Recovery =	78.07%
6) S 2-Fluorobiphenyl (SURR)	8.316	3899434	38.578 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	77.16%
11) S ortho-Terphenyl (SURR)	11.353	4553605	25.819 ug/ml
Spiked Amount 50.000		Recovery =	51.64%
Target Compounds			
2) T Naphthalene (C11.7)	5.808	37058	0.223 ug/ml
3) T 2-Methylnaphthalene (...)	6.859	58972	0.350 ug/ml
5) T Acenaphthylene (C15.06)	8.121	39504	0.257 ug/ml
7) T Acenaphthene (C15.5)	8.375	24124	0.146 ug/ml
8) T Flouorene (C16.55)	9.204	37288	0.235 ug/ml
9) T Phenanthrene (C19.36)	10.583	49188	0.317 ug/ml
10) T Anthracene (C19.43)	10.661	29831	0.202 ug/ml
12) T Fluoranthene (C21.85)	12.384	114538	0.740 ug/ml
13) T Pyrene (C20.8)	12.677	119951	0.797 ug/ml
14) T Benzo[a]anthracene (C...	14.544	46461	0.346 ug/ml
15) T Chrysene (C27.41)	14.583	65191	0.445 ug/ml
16) T benzo[b]fluoranthene ...	16.086	70550	0.512 ug/ml
17) T Bnezo[k]fluoranthene ...	16.118	32139	0.232 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.823	186102	1.474 ug/ml
20) T Dibenz[a,h]anthracene...	17.886	46311	0.348 ug/ml
21) T Benzo[g,h,i]perylene ...	18.069	43391	0.327 ug/ml

(f)=RT Delta > 1/2 Window

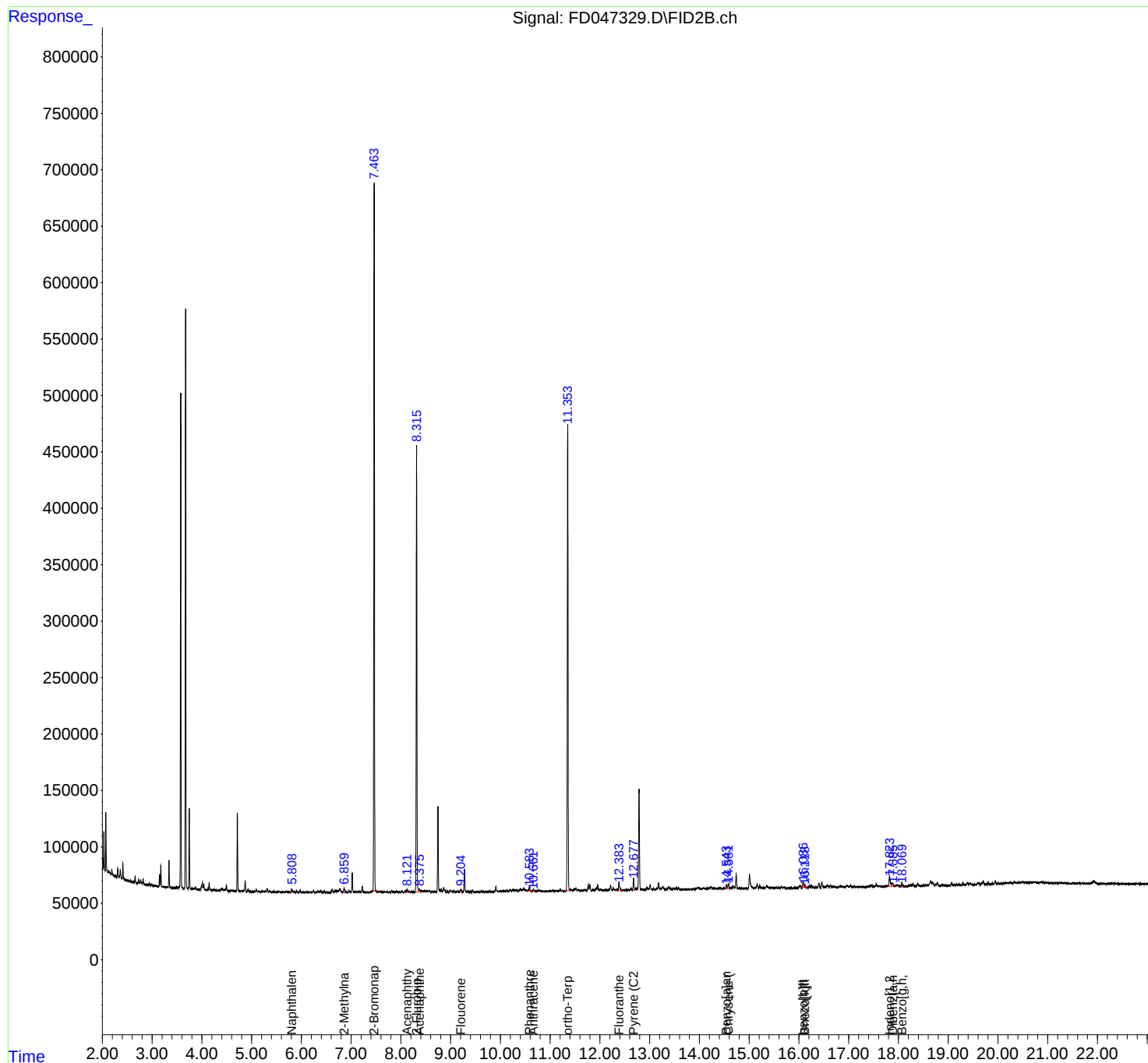
(m)=manual int.

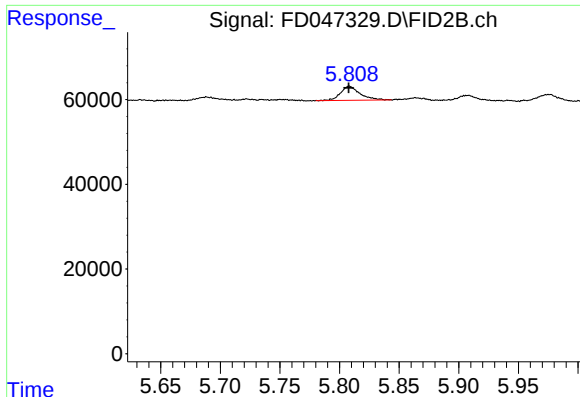
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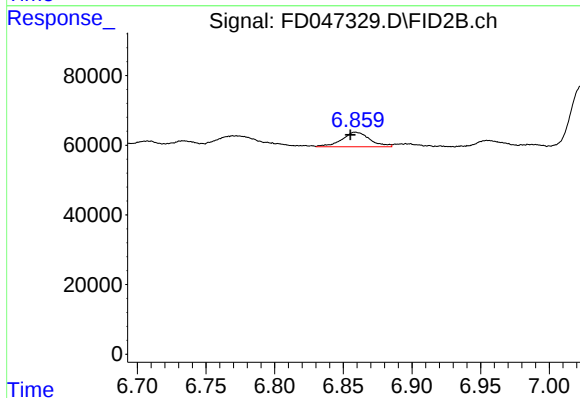




#2 Naphthalene (C11.7)

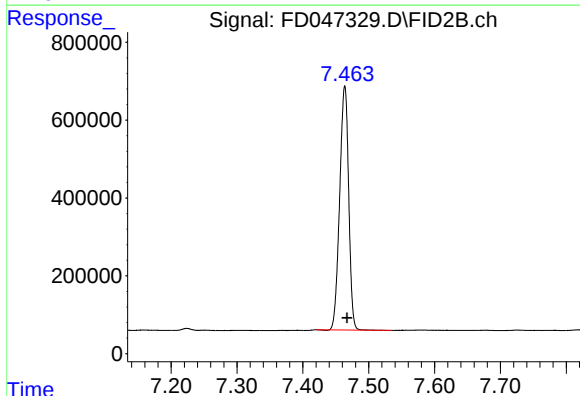
R.T.: 5.808 min
Delta R.T.: 0.000 min
Response: 37058
Conc: 0.22 ug/ml

Instrument :
FID_D
ClientSampleId :



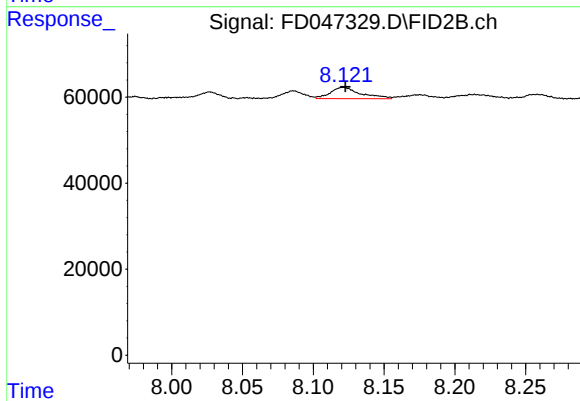
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.859 min
Delta R.T.: 0.004 min
Response: 58972
Conc: 0.35 ug/ml



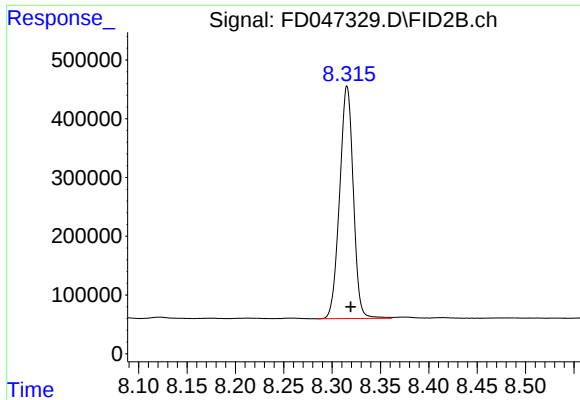
#4 2-Bromonaphthalene (SURR)

R.T.: 7.464 min
Delta R.T.: -0.004 min
Response: 5943140
Conc: 39.04 ug/ml



#5 Acenaphthylene (C15.06)

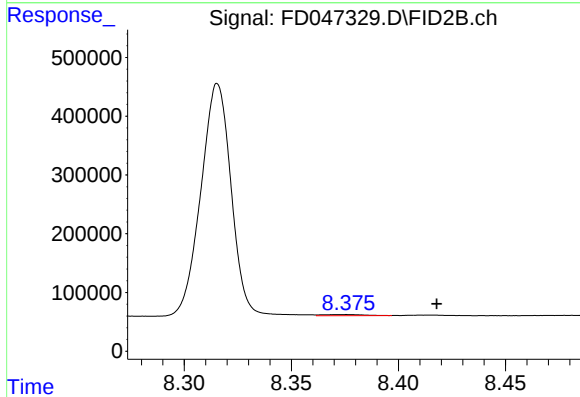
R.T.: 8.121 min
Delta R.T.: -0.002 min
Response: 39504
Conc: 0.26 ug/ml



#6 2-Fluorobiphenyl (SURR)

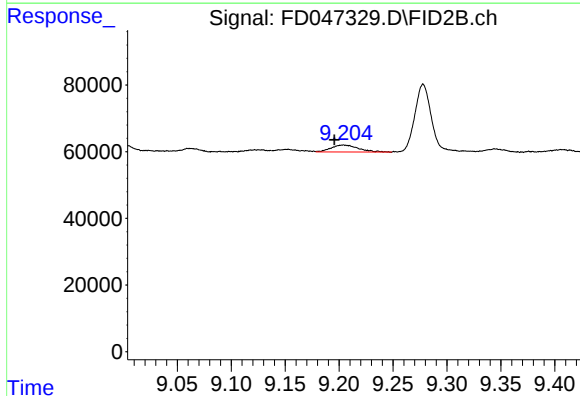
R.T.: 8.316 min
Delta R.T.: -0.004 min
Response: 3899434
Conc: 38.58 ug/ml

Instrument :
FID_D
ClientSampleId :



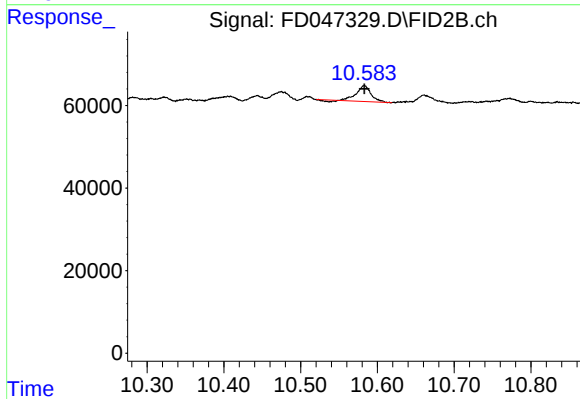
#7 Acenaphthene (C15.5)

R.T.: 8.375 min
Delta R.T.: -0.043 min
Response: 24124
Conc: 0.15 ug/ml



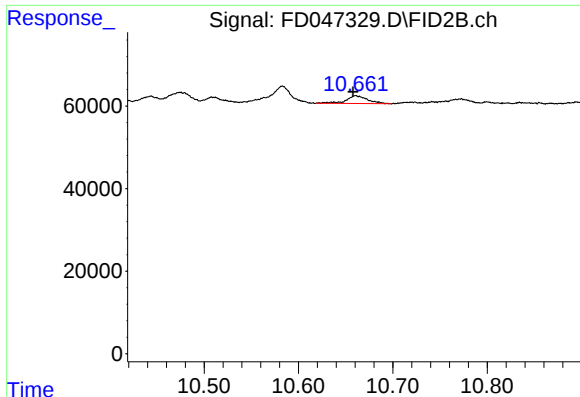
#8 Flouorene (C16.55)

R.T.: 9.204 min
Delta R.T.: 0.008 min
Response: 37288
Conc: 0.24 ug/ml



#9 Phenanthrene (C19.36)

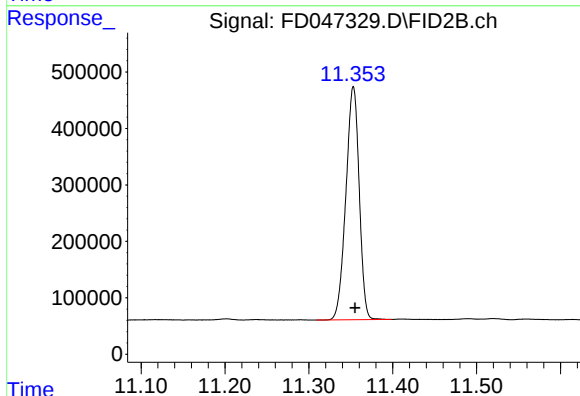
R.T.: 10.583 min
Delta R.T.: 0.000 min
Response: 49188
Conc: 0.32 ug/ml



#10 Anthracene (C19.43)

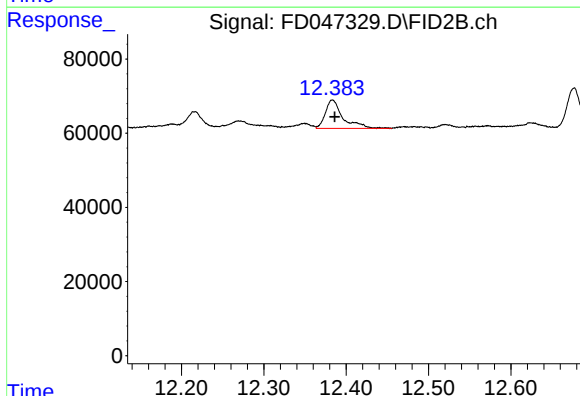
R.T.: 10.661 min
Delta R.T.: 0.004 min
Response: 29831
Conc: 0.20 ug/ml

Instrument :
FID_D
ClientSampleId :



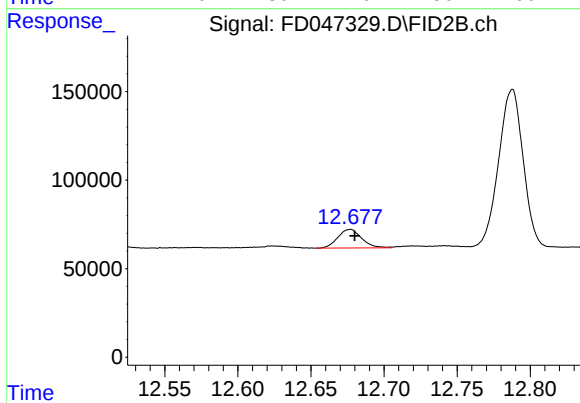
#11 ortho-Terphenyl (SURR)

R.T.: 11.353 min
Delta R.T.: -0.002 min
Response: 4553605
Conc: 25.82 ug/ml



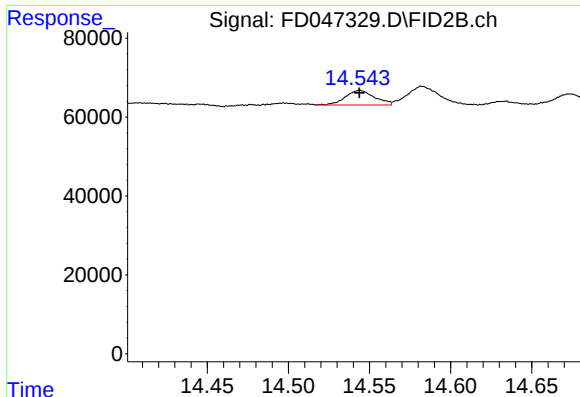
#12 Fluoranthene (C21.85)

R.T.: 12.384 min
Delta R.T.: -0.003 min
Response: 114538
Conc: 0.74 ug/ml



#13 Pyrene (C20.8)

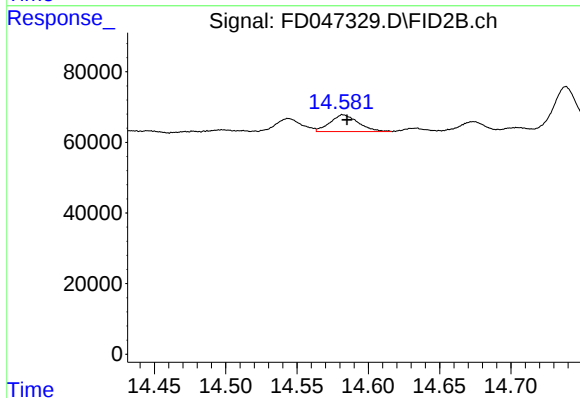
R.T.: 12.677 min
Delta R.T.: -0.003 min
Response: 119951
Conc: 0.80 ug/ml



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

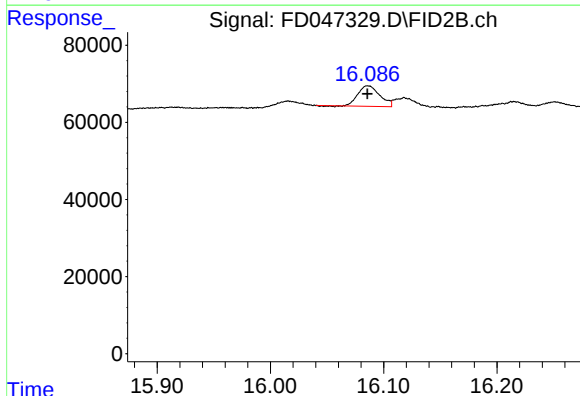
R.T.: 14.544 min
Delta R.T.: 0.000 min
Response: 46461
Conc: 0.35 ug/ml

Instrument :
FID_D
ClientSampleId :



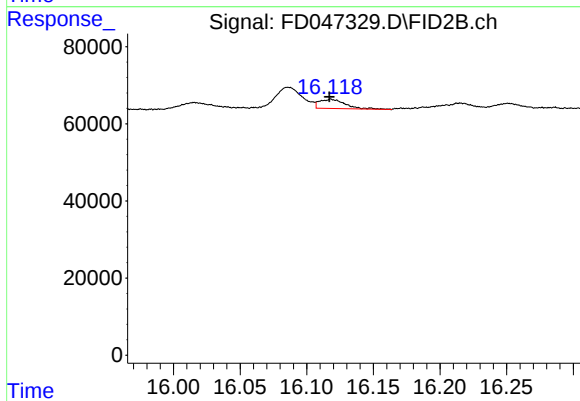
#15 Chrysene (C27.41)

R.T.: 14.583 min
Delta R.T.: -0.002 min
Response: 65191
Conc: 0.45 ug/ml



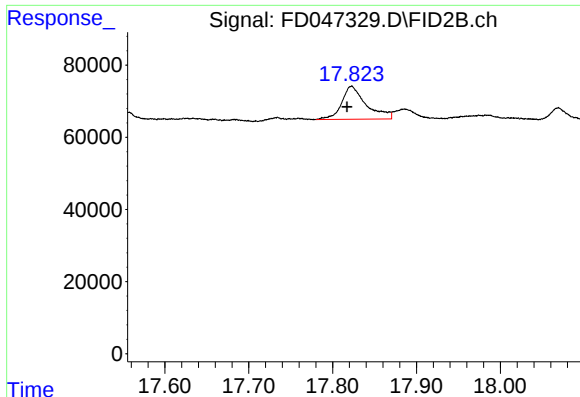
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.086 min
Delta R.T.: 0.000 min
Response: 70550
Conc: 0.51 ug/ml



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

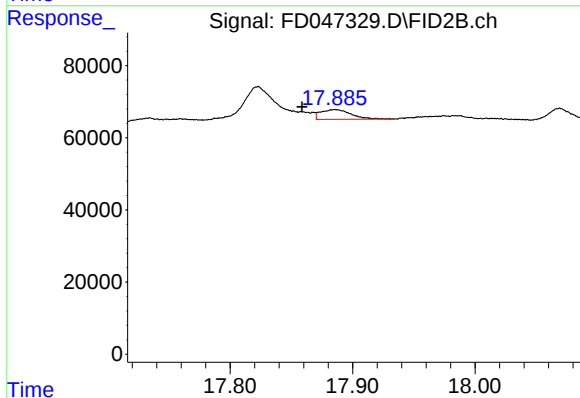
R.T.: 16.118 min
Delta R.T.: 0.001 min
Response: 32139
Conc: 0.23 ug/ml



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

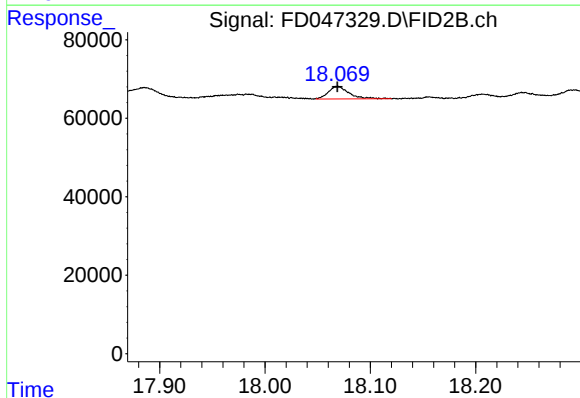
R.T.: 17.823 min
Delta R.T.: 0.005 min
Response: 186102
Conc: 1.47 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 17.886 min
Delta R.T.: 0.027 min
Response: 46311
Conc: 0.35 ug/ml



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

R.T.: 18.069 min
Delta R.T.: 0.000 min
Response: 43391
Conc: 0.33 ug/ml