

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF020725AR\
 Data File : FF015491.D
 Signal(s) : FID2B.ch
 Acq On : 07 Feb 2025 13:59
 Operator : YP\AJ
 Sample : Q1308-08
 Misc :
 ALS Vial : 77 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Feb 10 00:34:44 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 020525.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 06 05:23:26 2025
 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...	8.008	15757884	132.583 ug/ml
Spiked Amount 50.000		Recovery =	265.17%
6) S 2-Fluorobiphenyl (SURR)	8.862	384333	5.061 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	10.12%
11) S ortho-Terphenyl (SURR)	11.948	7970597	60.437 ug/ml
Spiked Amount 50.000		Recovery =	120.87%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.603	185916	1.342 ug/ml
2) T Naphthalene (C11.7)	6.249	7090289	51.476 ug/ml
3) T 2-Methylnaphthalene (...)	7.388	14677069	110.411 ug/ml
5) T Acenaphthylene (C15.06)	8.681	24316807	179.838 ug/ml
7) T Acenaphthene (C15.5)	8.992	5235380	38.969 ug/ml
8) T Fluorene (C16.55)	9.776	4391745	33.817 ug/ml
9) T Phenanthrene (C19.36)	11.184	6595293	54.333 ug/ml
10) T Anthracene (C19.43)	11.256	2165531	18.068 ug/ml
12) T Fluoranthene (C21.85)	12.997	2342508	19.259 ug/ml
13) T Pyrene (C20.8)	13.292	717955	5.900 ug/ml
14) T Benzo[a]anthracene (C...	15.171	139024	1.275 ug/ml
15) T Chrysene (C27.41)	15.213	138553	1.162 ug/ml
16) T benzo[b]fluoranthene ...	16.737	131043	1.135 ug/ml
17) T Bnezo[k]fluoranthene ...	16.737	131043	1.085 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.116	42904	0.382 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.494	81996	0.744 ug/ml
20) T Dibenz[a,h]anthracene...	18.494	81996	0.664 ug/ml
21) T Benzo[g,h,i]perylene ...	18.741	86317	0.674 ug/ml

(f)=RT Delta > 1/2 Window

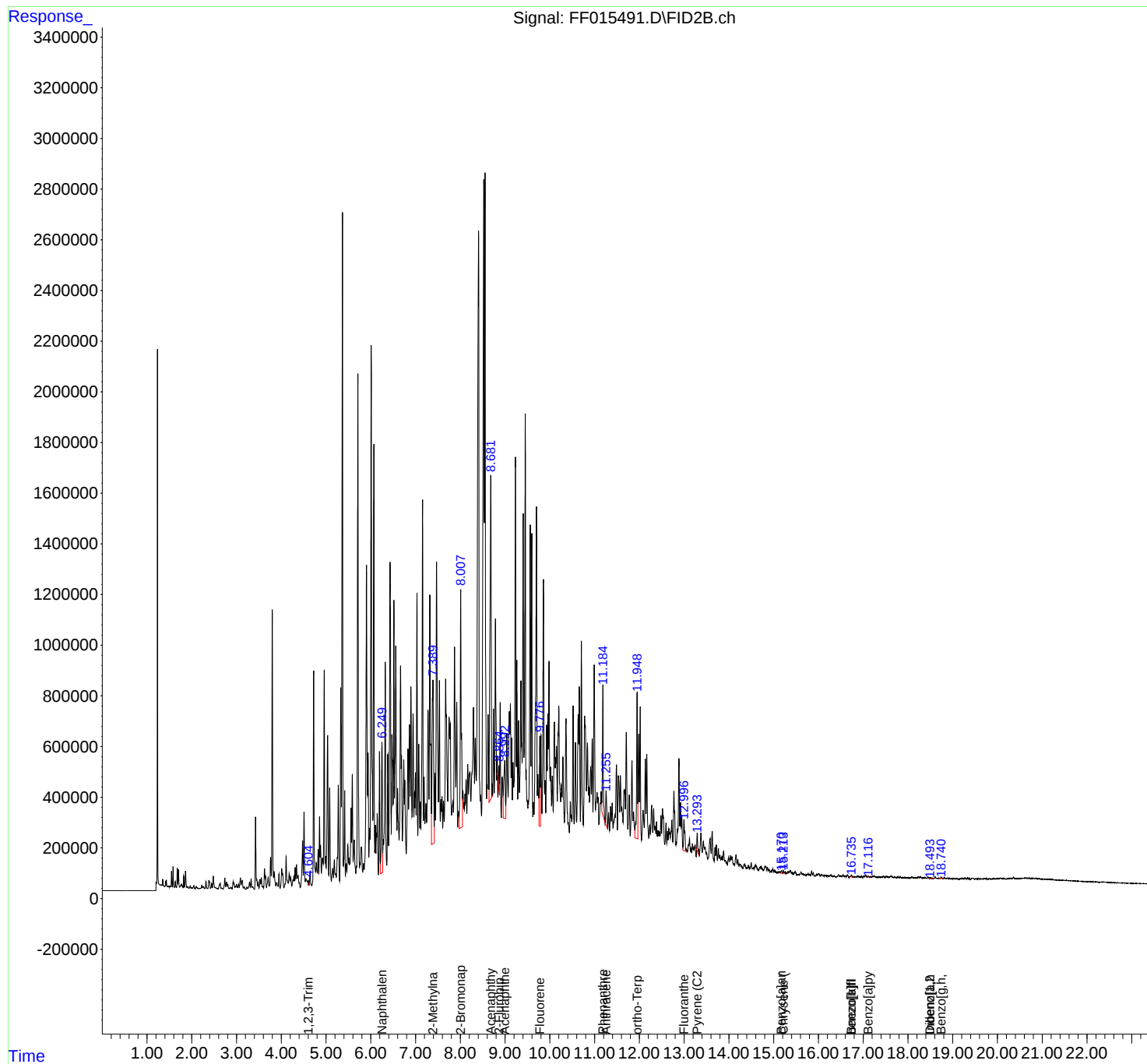
(m)=manual int.

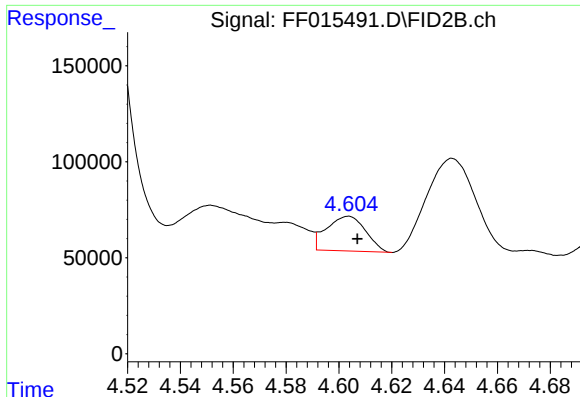
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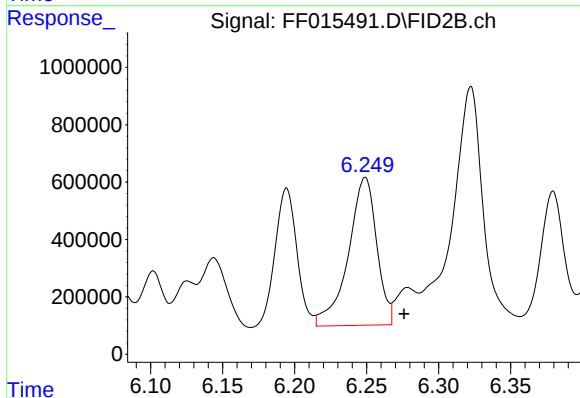




#1 1,2,3-Trimethylbenzene (C10.1)

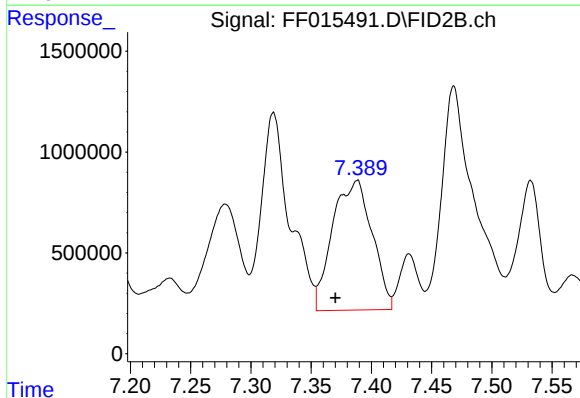
R.T.: 4.603 min
Delta R.T.: -0.004 min
Response: 185916
Conc: 1.34 ug/ml

Instrument :
FID_F
ClientSampleId :



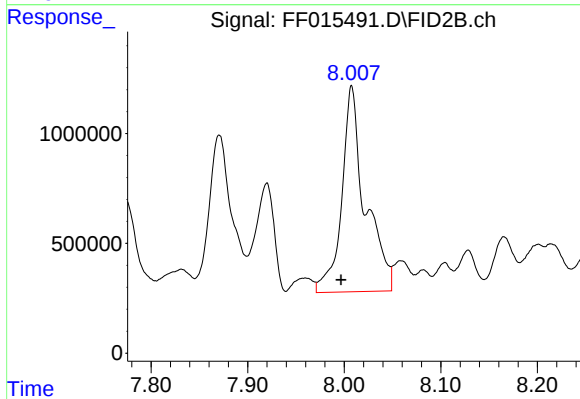
#2 Naphthalene (C11.7)

R.T.: 6.249 min
Delta R.T.: -0.027 min
Response: 7090289
Conc: 51.48 ug/ml



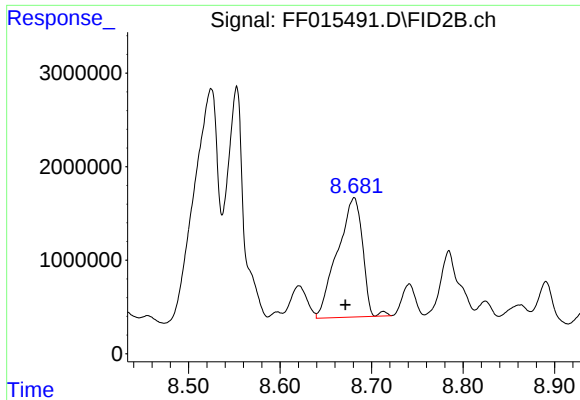
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.388 min
Delta R.T.: 0.017 min
Response: 14677069
Conc: 110.41 ug/ml



#4 2-Bromonaphthalene (SURR)

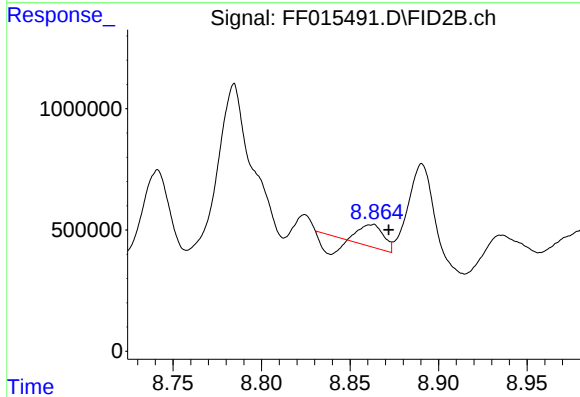
R.T.: 8.008 min
Delta R.T.: 0.011 min
Response: 15757884
Conc: 132.58 ug/ml



#5 Acenaphthylene (C15.06)

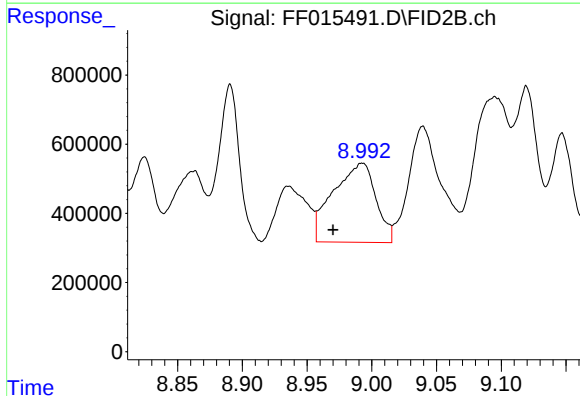
R.T.: 8.681 min
Delta R.T.: 0.009 min
Response: 24316807
Conc: 179.84 ug/ml

Instrument :
FID_F
ClientSampleId :



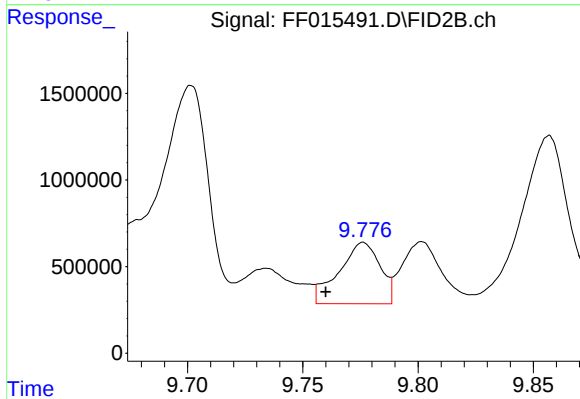
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.862 min
Delta R.T.: -0.010 min
Response: 384333
Conc: 5.06 ug/ml



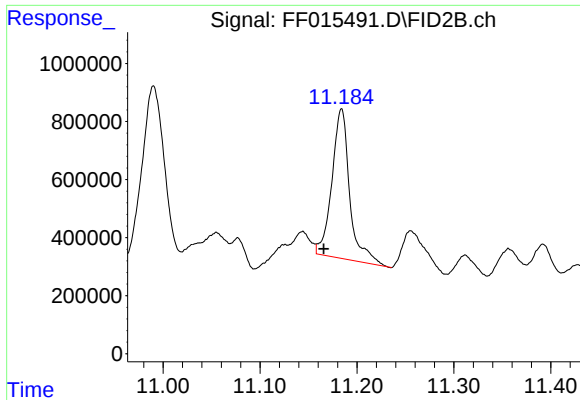
#7 Acenaphthene (C15.5)

R.T.: 8.992 min
Delta R.T.: 0.022 min
Response: 5235380
Conc: 38.97 ug/ml



#8 Flouorene (C16.55)

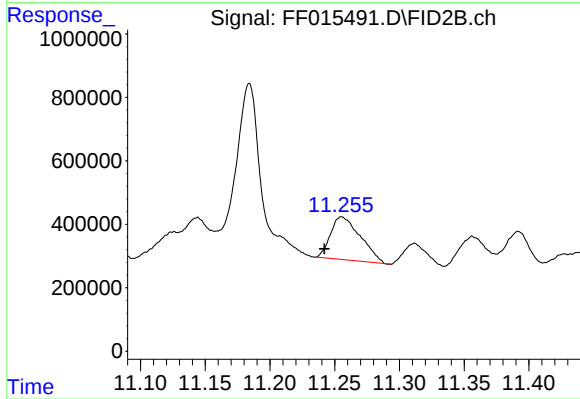
R.T.: 9.776 min
Delta R.T.: 0.016 min
Response: 4391745
Conc: 33.82 ug/ml



#9 Phenanthrene (C19.36)

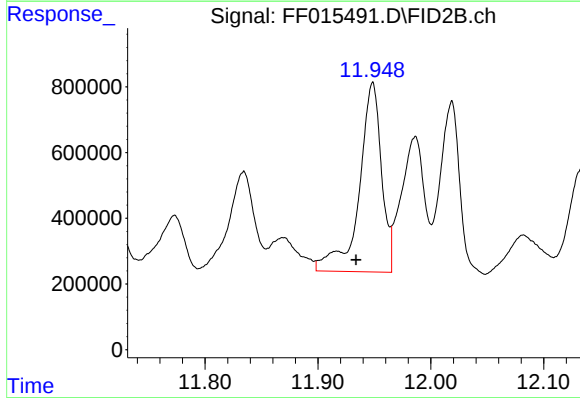
R.T.: 11.184 min
Delta R.T.: 0.018 min
Response: 6595293
Conc: 54.33 ug/ml

Instrument :
FID_F
ClientSampleId :



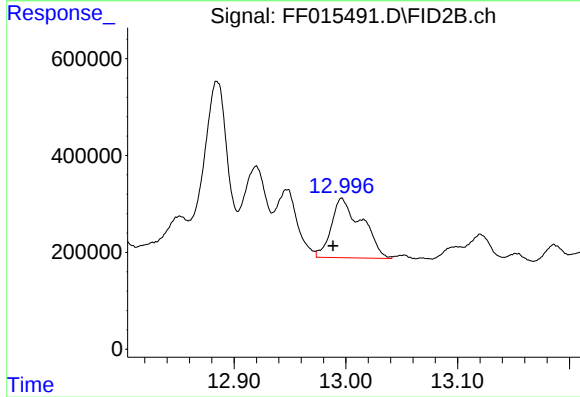
#10 Anthracene (C19.43)

R.T.: 11.256 min
Delta R.T.: 0.014 min
Response: 2165531
Conc: 18.07 ug/ml



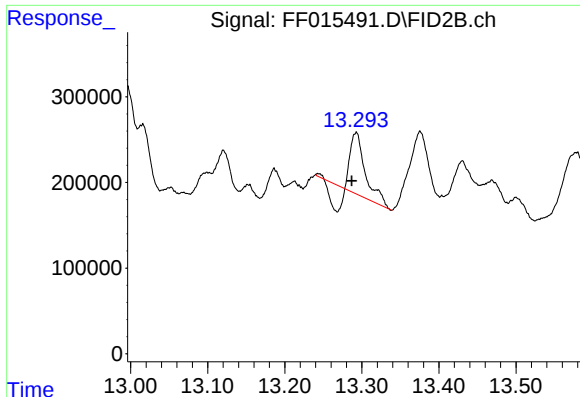
#11 ortho-Terphenyl (SURR)

R.T.: 11.948 min
Delta R.T.: 0.014 min
Response: 7970597
Conc: 60.44 ug/ml



#12 Fluoranthene (C21.85)

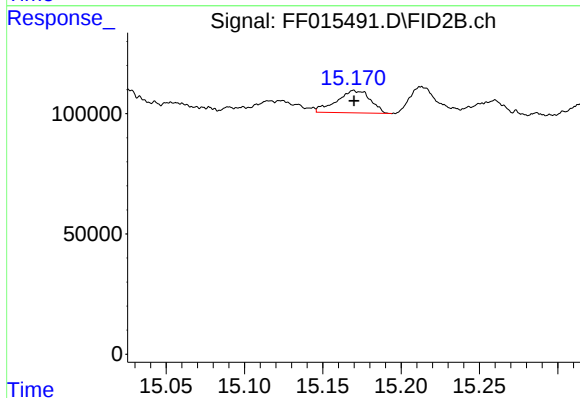
R.T.: 12.997 min
Delta R.T.: 0.008 min
Response: 2342508
Conc: 19.26 ug/ml



#13 Pyrene (C20.8)

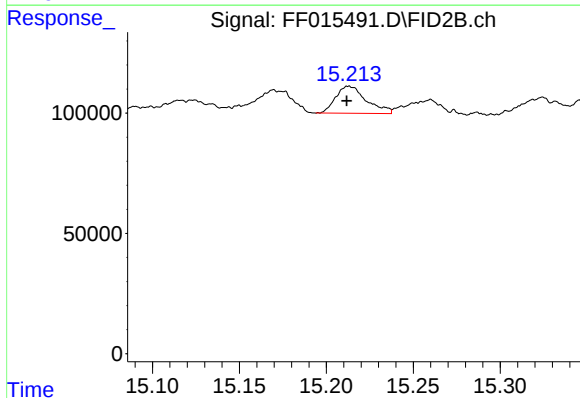
R.T.: 13.292 min
Delta R.T.: 0.005 min
Response: 717955
Conc: 5.90 ug/ml

Instrument :
FID_F
ClientSampleId :



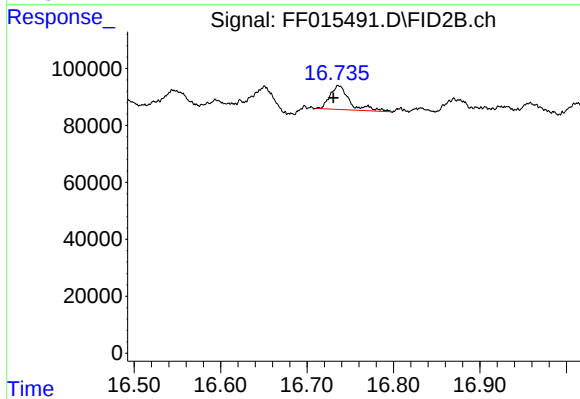
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.171 min
Delta R.T.: 0.001 min
Response: 139024
Conc: 1.27 ug/ml



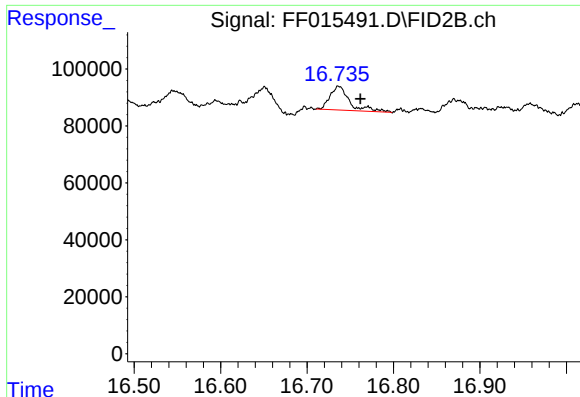
#15 Chrysene (C27.41)

R.T.: 15.213 min
Delta R.T.: 0.002 min
Response: 138553
Conc: 1.16 ug/ml



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

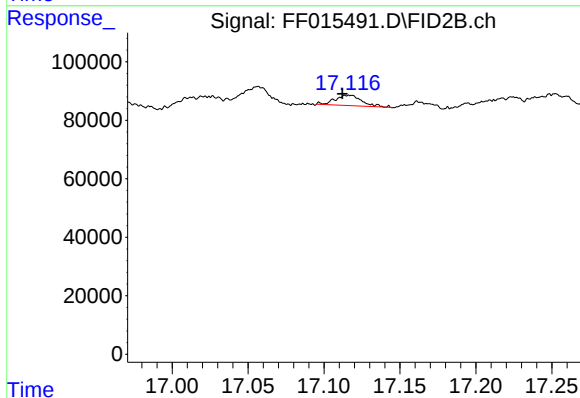
R.T.: 16.737 min
Delta R.T.: 0.006 min
Response: 131043
Conc: 1.14 ug/ml



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

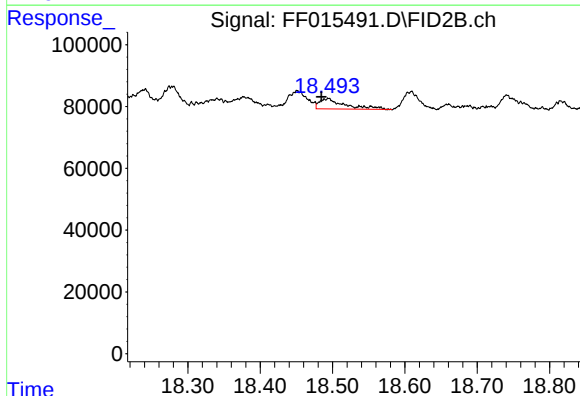
R.T.: 16.737 min
Delta R.T.: -0.025 min
Response: 131043
Conc: 1.09 ug/ml

Instrument :
FID_F
ClientSampleId :



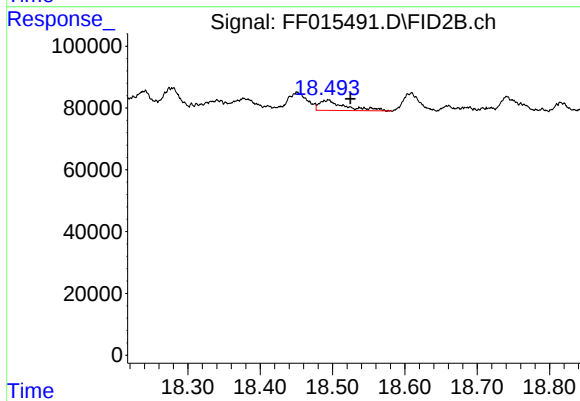
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.116 min
Delta R.T.: 0.004 min
Response: 42904
Conc: 0.38 ug/ml



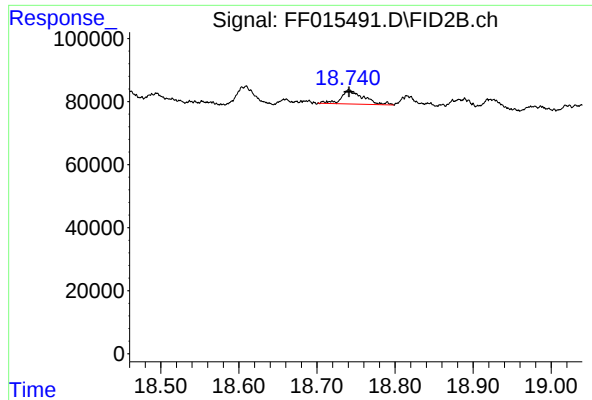
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.494 min
Delta R.T.: 0.009 min
Response: 81996
Conc: 0.74 ug/ml



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

R.T.: 18.494 min
Delta R.T.: -0.031 min
Response: 81996
Conc: 0.66 ug/ml



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

R.T.: 18.741 min
Delta R.T.: 0.000 min
Response: 86317
Conc: 0.67 ug/ml

Instrument :
FID_F
ClientSampleId :