

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD060523AR\
 Data File : FD045784.D
 Signal(s) : FID2B.ch
 Acq On : 05 Jun 2023 18:18
 Operator : YP/AJ
 Sample : 03010-01
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 06 02:07:33 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052723.M
 Quant Title : GC Extractables
 QLast Update : Sat May 27 06:44:25 2023
 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...	7.533	8734770	48.449 ug/ml
Spiked Amount 50.000		Recovery =	96.90%
6) S 2-Fluorobiphenyl (SURR)	8.388	4537463	37.741 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	75.48%
11) S ortho-Terphenyl (SURR)	11.436	22358128	100.096 ug/ml
Spiked Amount 50.000		Recovery =	200.19%
Target Compounds			
2) T Naphthalene (C11.7)	5.871	23408	0.110 ug/ml
3) T 2-Methylnaphthalene (...)	6.922	52003	0.246 ug/ml
5) T Acenaphthylene (C15.06)	8.165	476499	2.515 ug/ml
7) T Acenaphthene (C15.5)	8.474	535622	2.649 ug/ml
8) T Fluorene (C16.55)	9.292	4495772	22.690 ug/ml
9) T Phenanthrene (C19.36)	10.659	11125561	58.154 ug/ml
10) T Anthracene (C19.43)	10.750	10397824	61.038 ug/ml
12) T Fluoranthene (C21.85)	12.466	7652361	41.420 ug/ml
13) T Pyrene (C20.8)	12.758	3623704	20.290 ug/ml
14) T Benzo[a]anthracene (C...	14.609	513813	3.282 ug/ml
15) T Chrysene (C27.41)	14.657	603291	3.657 ug/ml
16) T benzo[b]fluoranthene ...	16.152	77975	0.515 ug/ml
17) T Bnezo[k]fluoranthene ...	16.188	60491	0.391 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.527	50349	0.344 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.887	233703	1.596 ug/ml
20) T Dibenz[a,h]anthracene...	17.925	94963	0.633 ug/ml
21) T Benzo[g,h,i]perylene ...	18.132	53145	0.360 ug/ml

(f)=RT Delta > 1/2 Window

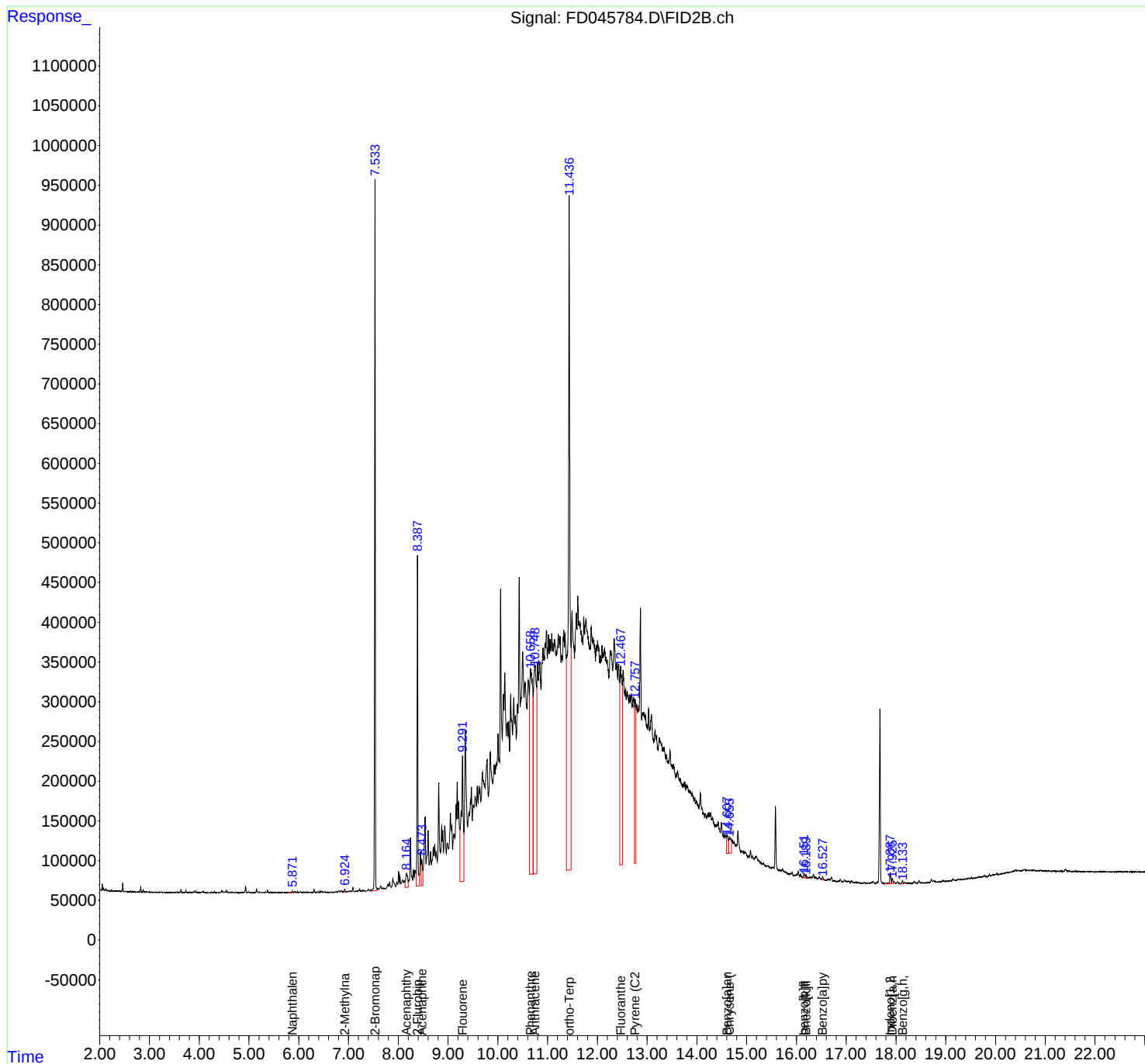
(m)=manual int.

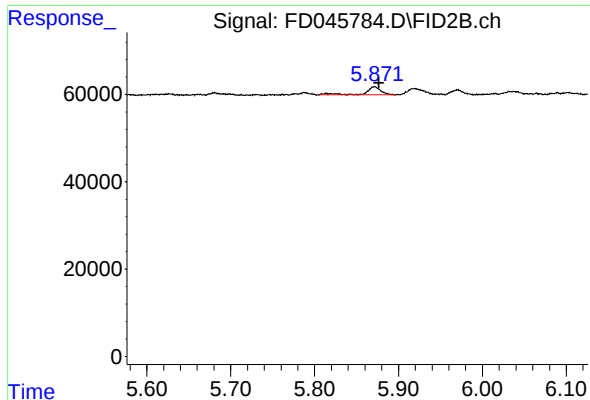
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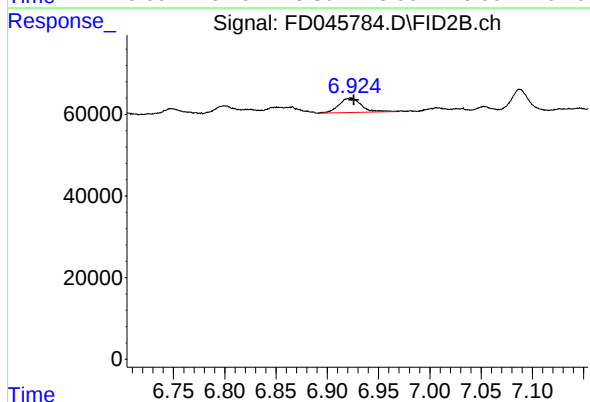




#2 Naphthalene (C11.7)

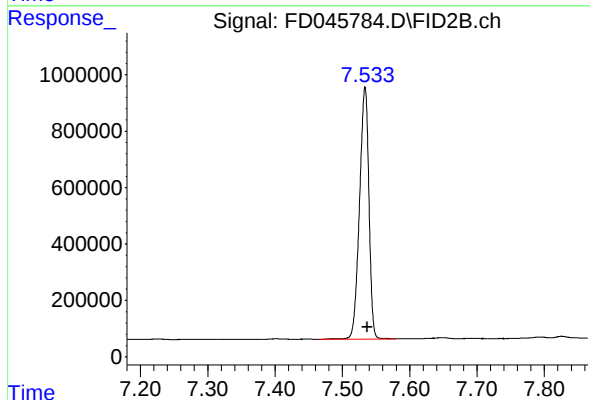
R.T.: 5.871 min
Delta R.T.: -0.005 min
Response: 23408
Conc: 0.11 ug/ml

Instrument :
FID_D
ClientSampleId :



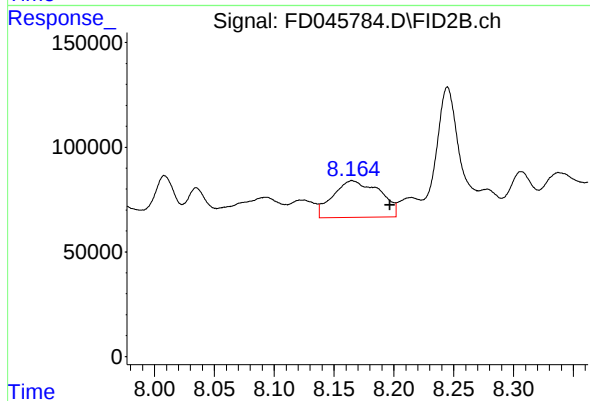
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.922 min
Delta R.T.: -0.004 min
Response: 52003
Conc: 0.25 ug/ml



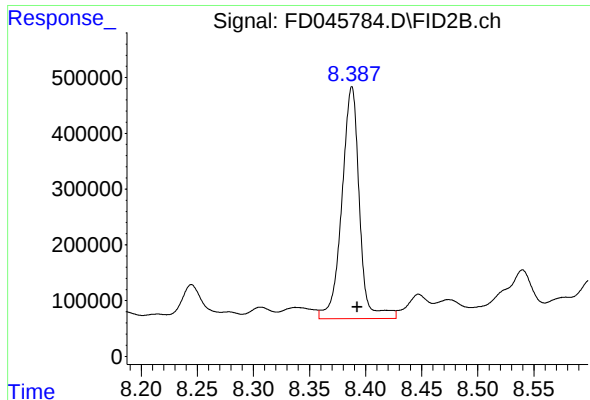
#4 2-Bromonaphthalene (SURR)

R.T.: 7.533 min
Delta R.T.: -0.004 min
Response: 8734770
Conc: 48.45 ug/ml



#5 Acenaphthylene (C15.06)

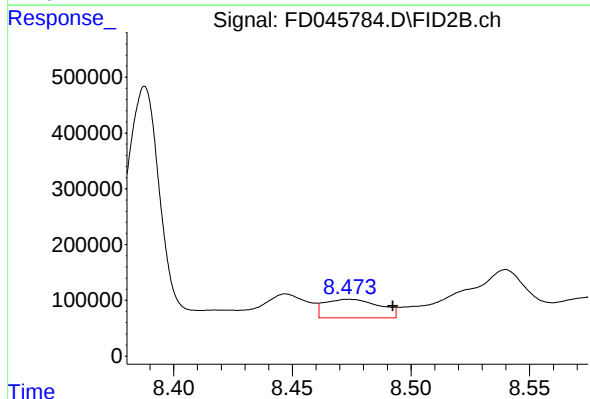
R.T.: 8.165 min
Delta R.T.: -0.031 min
Response: 476499
Conc: 2.52 ug/ml



#6 2-Fluorobiphenyl (SURR)

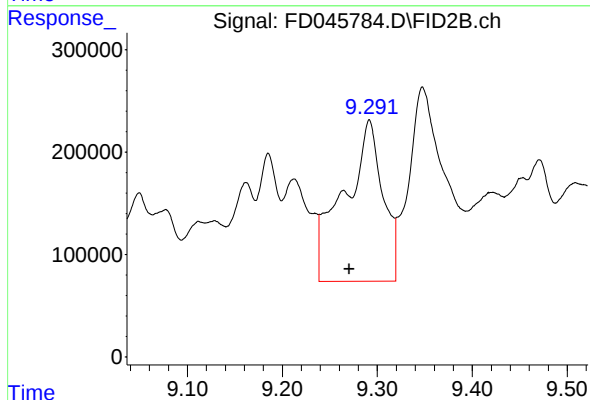
R.T.: 8.388 min
Delta R.T.: -0.005 min
Response: 4537463
Conc: 37.74 ug/ml

Instrument :
FID_D
ClientSampleId :



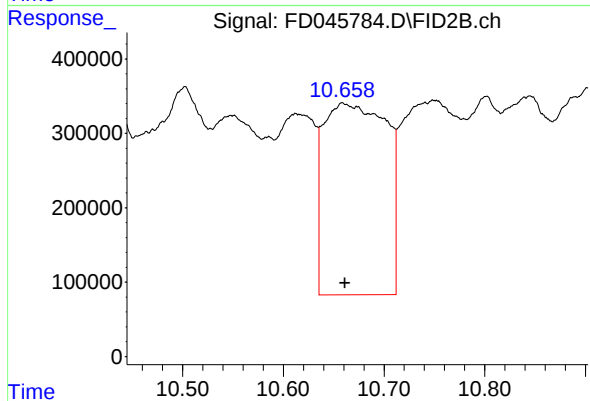
#7 Acenaphthene (C15.5)

R.T.: 8.474 min
Delta R.T.: -0.018 min
Response: 535622
Conc: 2.65 ug/ml



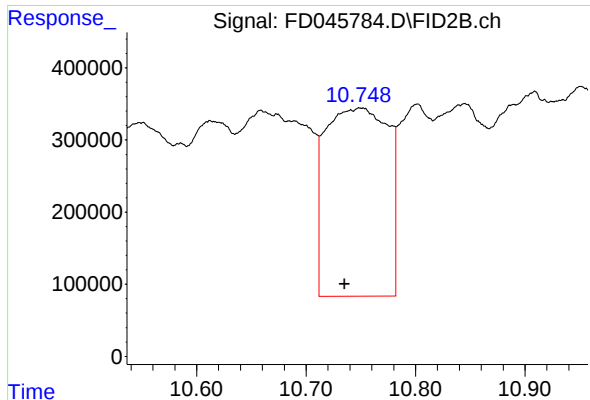
#8 Flouorene (C16.55)

R.T.: 9.292 min
Delta R.T.: 0.021 min
Response: 4495772
Conc: 22.69 ug/ml



#9 Phenanthrene (C19.36)

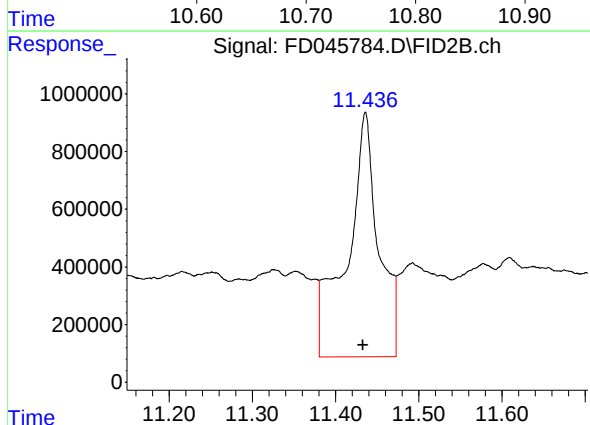
R.T.: 10.659 min
Delta R.T.: -0.002 min
Response: 11125561
Conc: 58.15 ug/ml



#10 Anthracene (C19.43)

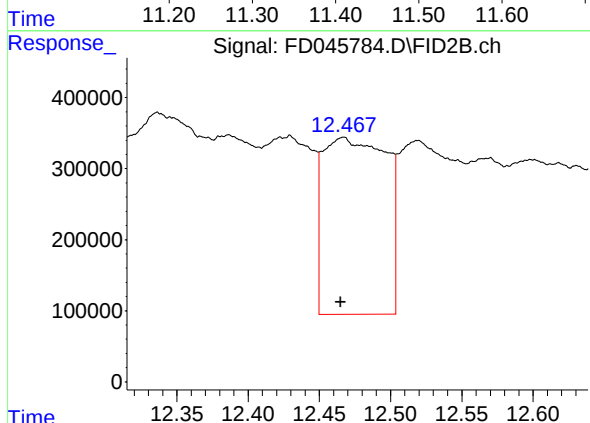
R.T.: 10.750 min
Delta R.T.: 0.015 min
Response: 10397824
Conc: 61.04 ug/ml

Instrument :
FID_D
ClientSampleId :



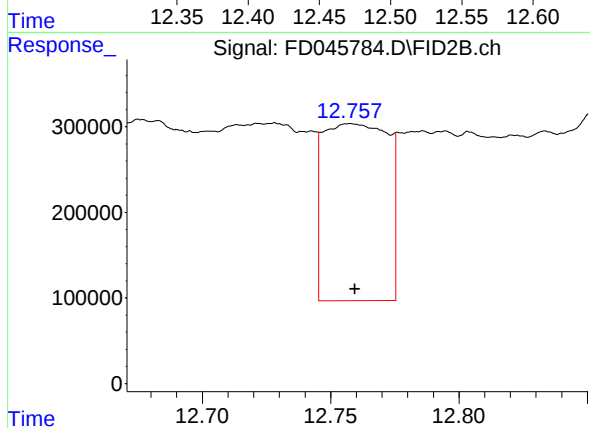
#11 ortho-Terphenyl (SURR)

R.T.: 11.436 min
Delta R.T.: 0.003 min
Response: 22358128
Conc: 100.10 ug/ml



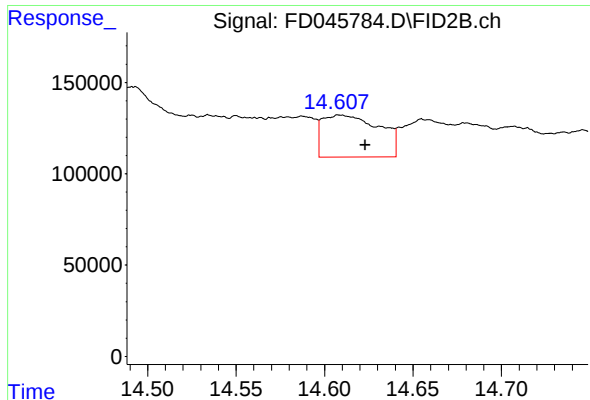
#12 Fluoranthene (C21.85)

R.T.: 12.466 min
Delta R.T.: 0.001 min
Response: 7652361
Conc: 41.42 ug/ml



#13 Pyrene (C20.8)

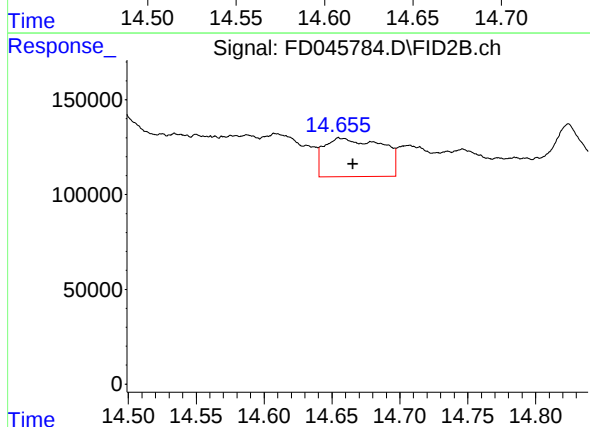
R.T.: 12.758 min
Delta R.T.: -0.001 min
Response: 3623704
Conc: 20.29 ug/ml



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

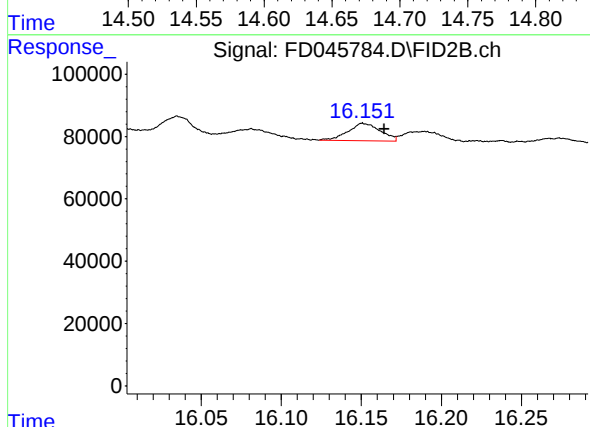
R.T.: 14.609 min
Delta R.T.: -0.014 min
Response: 513813
Conc: 3.28 ug/ml

Instrument :
FID_D
ClientSampleId :



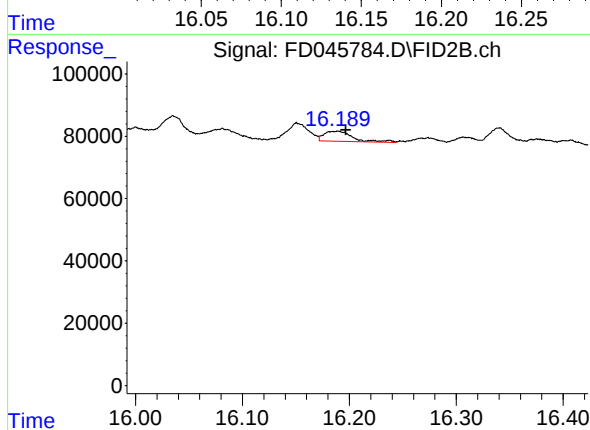
#15 Chrysene (C27.41)

R.T.: 14.657 min
Delta R.T.: -0.009 min
Response: 603291
Conc: 3.66 ug/ml



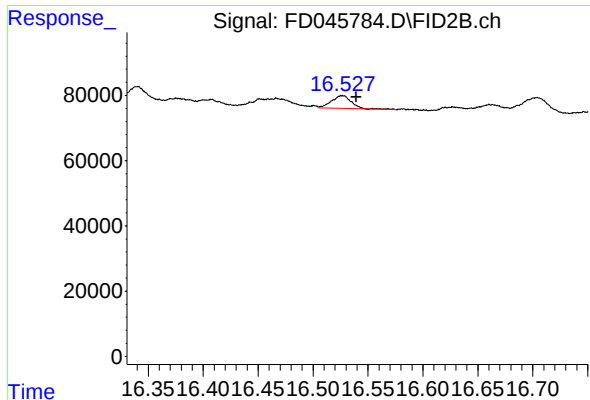
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.152 min
Delta R.T.: -0.013 min
Response: 77975
Conc: 0.52 ug/ml



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

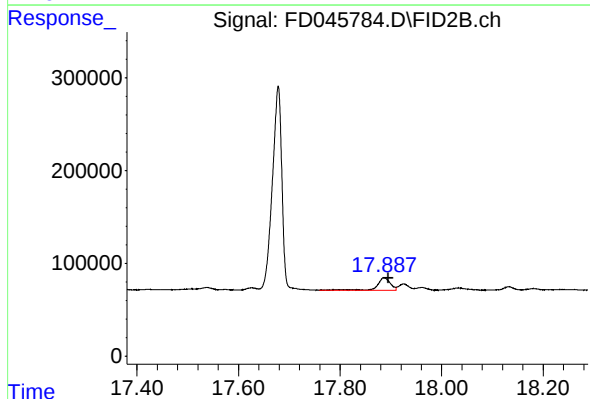
R.T.: 16.188 min
Delta R.T.: -0.009 min
Response: 60491
Conc: 0.39 ug/ml



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

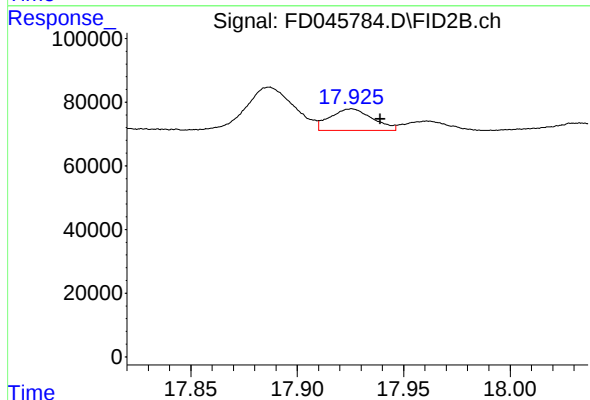
R.T.: 16.527 min
Delta R.T.: -0.013 min
Response: 50349
Conc: 0.34 ug/ml

Instrument :
FID_D
ClientSampleId :



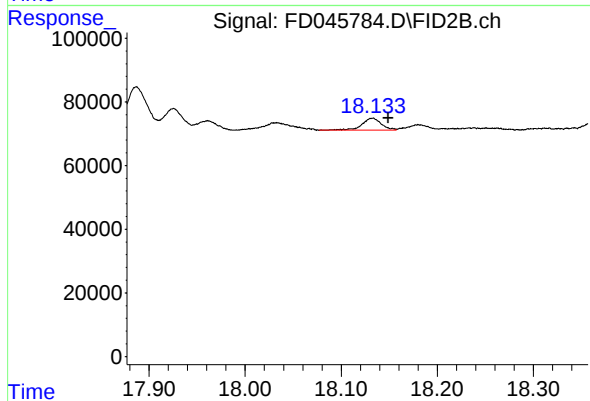
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.887 min
Delta R.T.: -0.008 min
Response: 233703
Conc: 1.60 ug/ml



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

R.T.: 17.925 min
Delta R.T.: -0.014 min
Response: 94963
Conc: 0.63 ug/ml



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

R.T.: 18.132 min
Delta R.T.: -0.017 min
Response: 53145
Conc: 0.36 ug/ml