

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD070622AR\
 Data File : FD043174.D
 Signal(s) : FID2B.ch
 Acq On : 06 Jul 2022 13:02
 Operator : YP/AJ
 Sample : N3564-19
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jul 07 01:54:56 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 062422.M
 Quant Title : GC Extractables
 QLast Update : Sat Jun 25 04:47:50 2022
 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...	7.630	7127843	46.162 ug/ml
Spiked Amount 50.000		Recovery =	92.32%
6) S 2-Fluorobiphenyl (SURR)	8.494	4703940	44.598 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	89.20%
11) S ortho-Terphenyl (SURR)	11.538	5066309	27.875 ug/ml
Spiked Amount 50.000		Recovery =	55.75%
Target Compounds			
2) T Naphthalene (C11.7)	5.963	39222	0.224 ug/ml
3) T 2-Methylnaphthalene (...)	7.016	69992	0.435 ug/ml
7) T Acenaphthene (C15.5)	8.643	49017	0.280 ug/ml
8) T Flouorene (C16.55)	9.396	45308	0.261 ug/ml
9) T Phenanthrene (C19.36)	10.768	259695	1.514 ug/ml
10) T Anthracene (C19.43)	10.842	122772	0.723 ug/ml
12) T Fluoranthene (C21.85)	12.581	288057	1.718 ug/ml
13) T Pyrene (C20.8)	12.878	211938	1.300 ug/ml
14) T Benzo[a]anthracene (C...	14.750	296552	1.910 ug/ml
15) T Chrysene (C27.41)	14.820	166143	1.053 ug/ml
16) T benzo[b]fluoranthene ...	16.308	377412	2.476 ug/ml
17) T Bnezo[k]fluoranthene ...	16.308	377412	2.579 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.676	260750	1.823 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.046	156479	1.250 ug/ml
20) T Dibenz[a,h]anthracene...	18.091	126025	0.937 ug/ml
21) T Benzo[g,h,i]perylene ...	18.298	130179	0.998 ug/ml

(f)=RT Delta > 1/2 Window

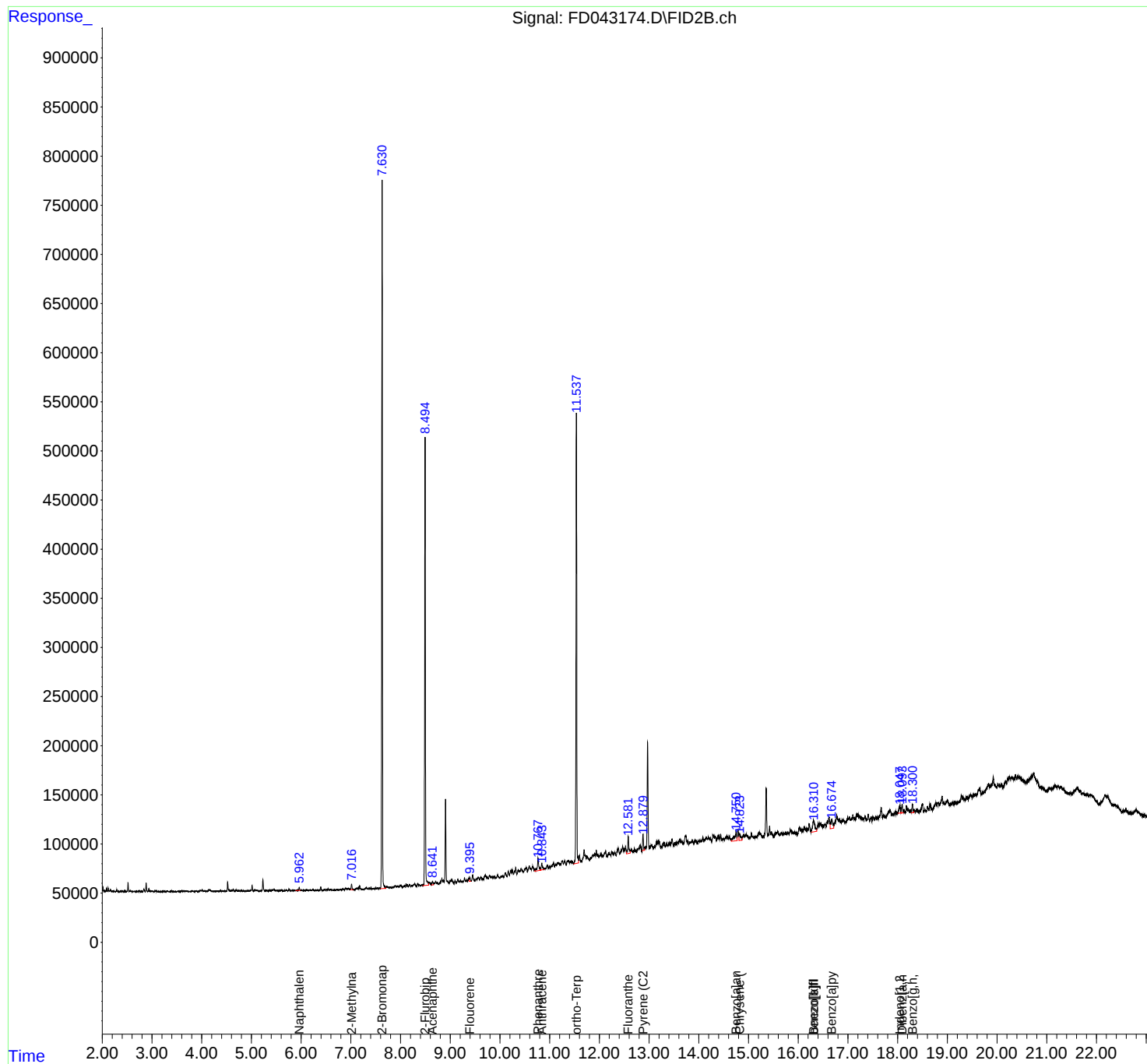
(m)=manual int.

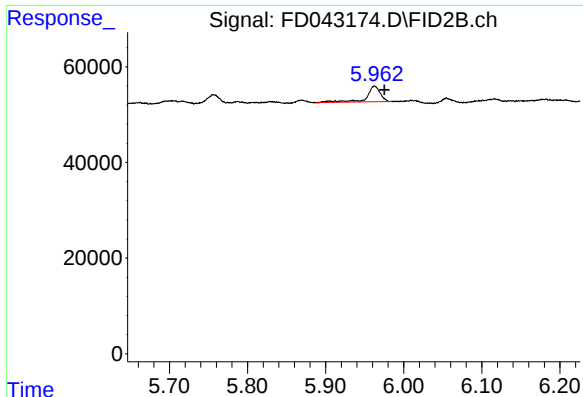
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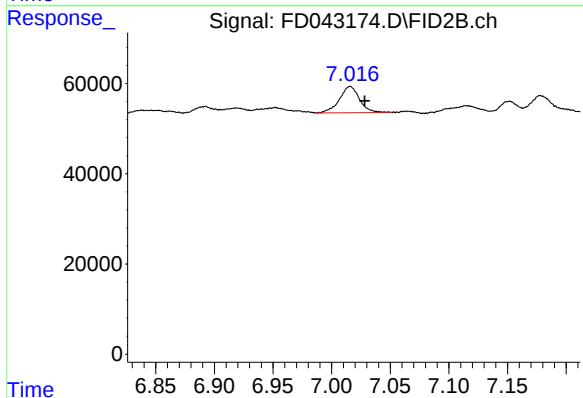




#2 Naphthalene (C11.7)

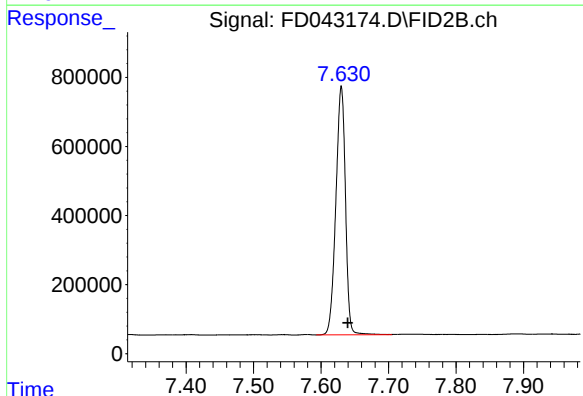
R.T.: 5.963 min
Delta R.T.: -0.012 min
Response: 39222
Conc: 0.22 ug/ml

Instrument :
FID_D
ClientSampleId :



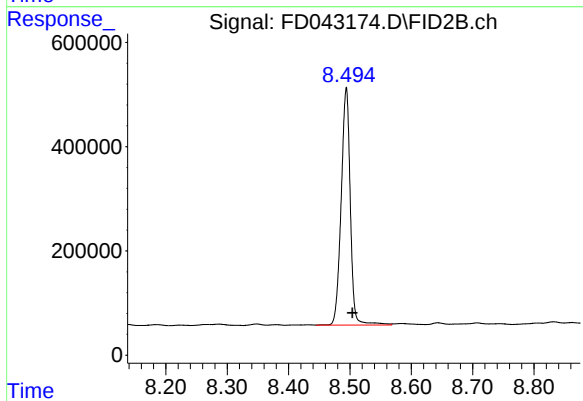
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.016 min
Delta R.T.: -0.012 min
Response: 69992
Conc: 0.44 ug/ml



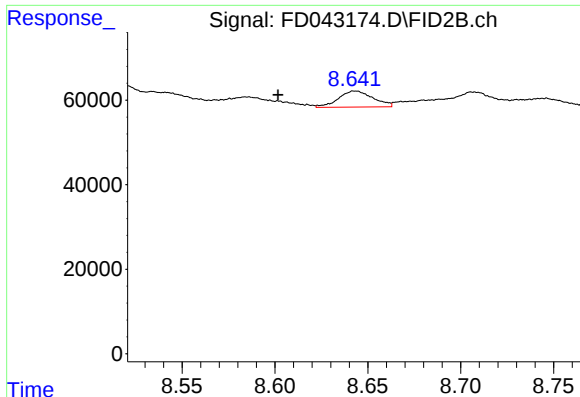
#4 2-Bromonaphthalene (SURR)

R.T.: 7.630 min
Delta R.T.: -0.010 min
Response: 7127843
Conc: 46.16 ug/ml



#6 2-Fluorobiphenyl (SURR)

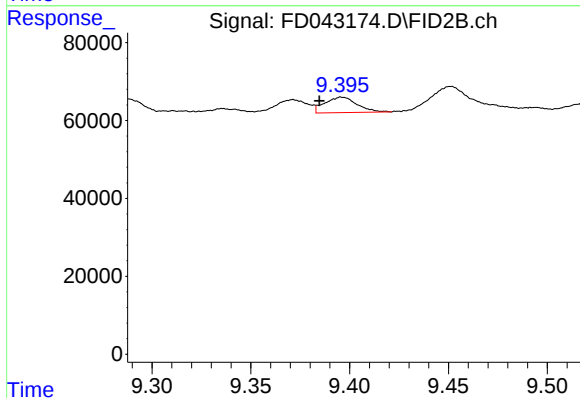
R.T.: 8.494 min
Delta R.T.: -0.010 min
Response: 4703940
Conc: 44.60 ug/ml



#7 Acenaphthene (C15.5)

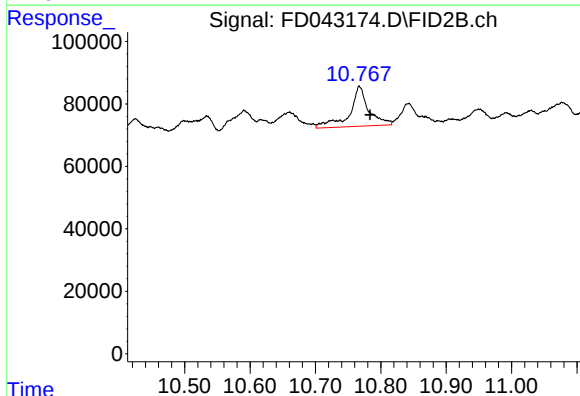
R.T.: 8.643 min
Delta R.T.: 0.042 min
Response: 49017
Conc: 0.28 ug/ml

Instrument :
FID_D
ClientSampleId :



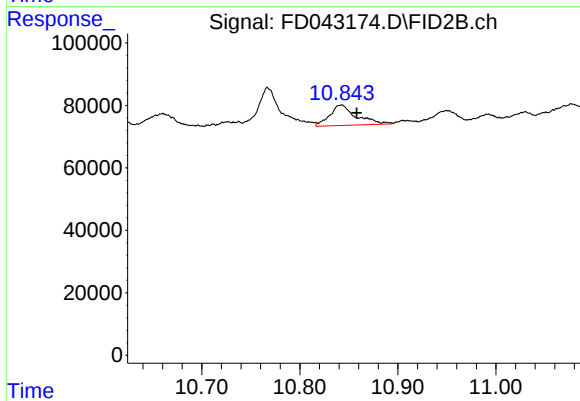
#8 Flouorene (C16.55)

R.T.: 9.396 min
Delta R.T.: 0.011 min
Response: 45308
Conc: 0.26 ug/ml



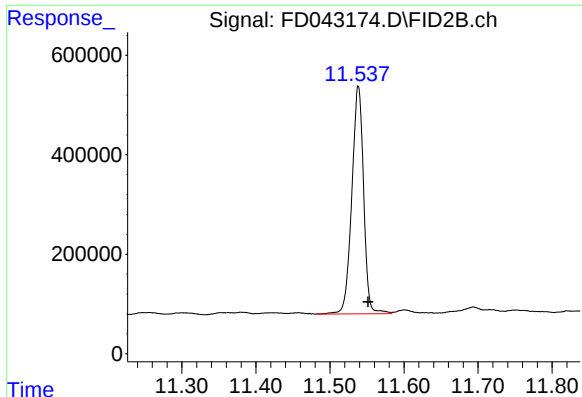
#9 Phenanthrene (C19.36)

R.T.: 10.768 min
Delta R.T.: -0.016 min
Response: 259695
Conc: 1.51 ug/ml



#10 Anthracene (C19.43)

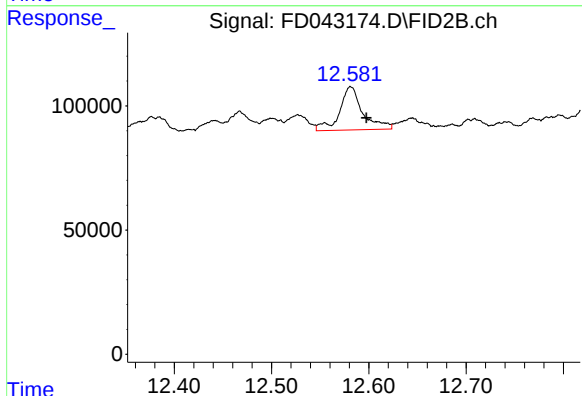
R.T.: 10.842 min
Delta R.T.: -0.016 min
Response: 122772
Conc: 0.72 ug/ml



#11 ortho-Terphenyl (SURR)

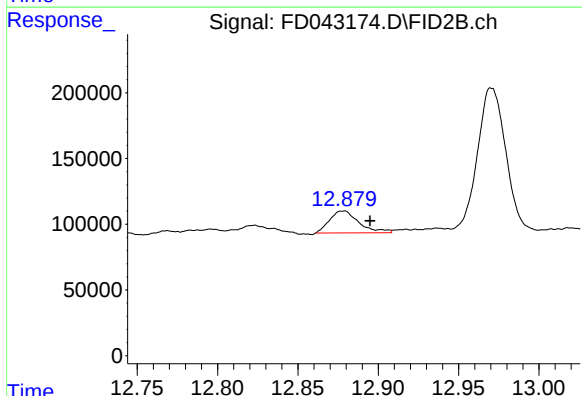
R.T.: 11.538 min
Delta R.T.: -0.013 min
Response: 5066309
Conc: 27.88 ug/ml

Instrument :
FID_D
ClientSampleId :



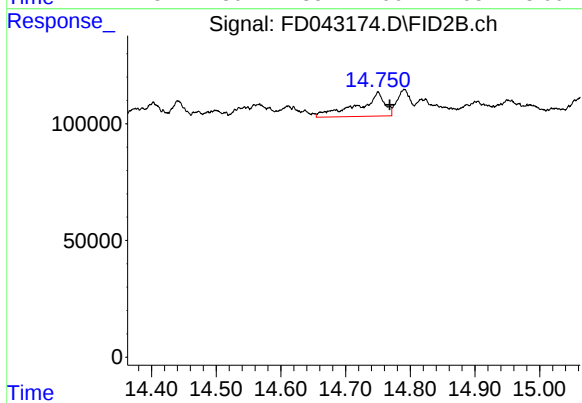
#12 Fluoranthene (C21.85)

R.T.: 12.581 min
Delta R.T.: -0.016 min
Response: 288057
Conc: 1.72 ug/ml



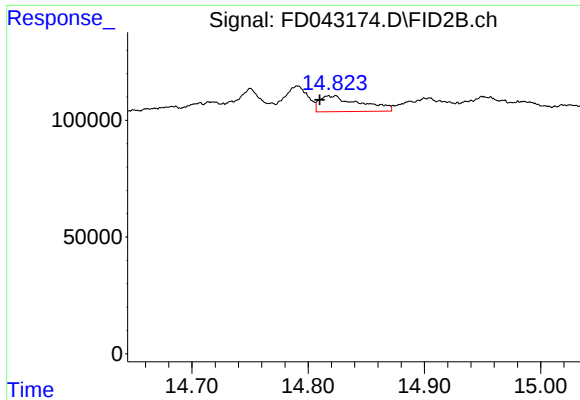
#13 Pyrene (C20.8)

R.T.: 12.878 min
Delta R.T.: -0.017 min
Response: 211938
Conc: 1.30 ug/ml



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

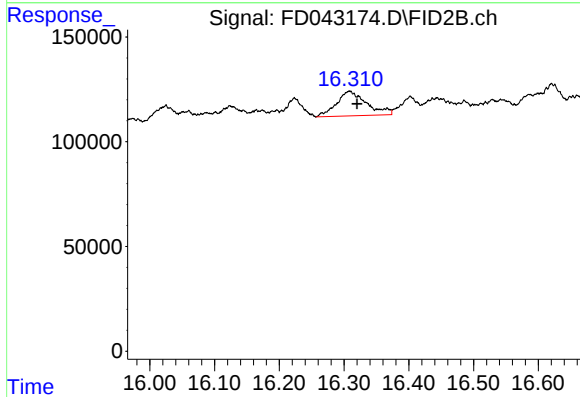
R.T.: 14.750 min
Delta R.T.: -0.018 min
Response: 296552
Conc: 1.91 ug/ml



#15 Chrysene (C27.41)

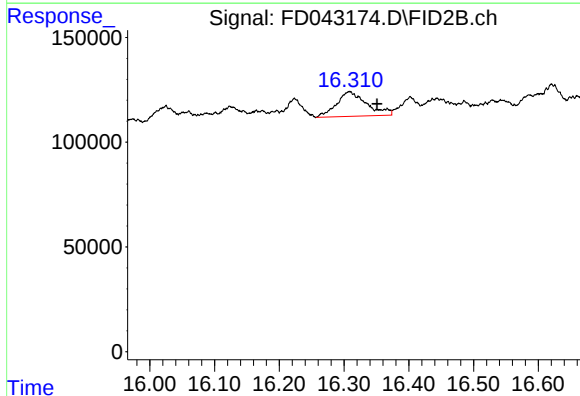
R.T.: 14.820 min
Delta R.T.: 0.010 min
Response: 166143
Conc: 1.05 ug/ml

Instrument :
FID_D
ClientSampleId :



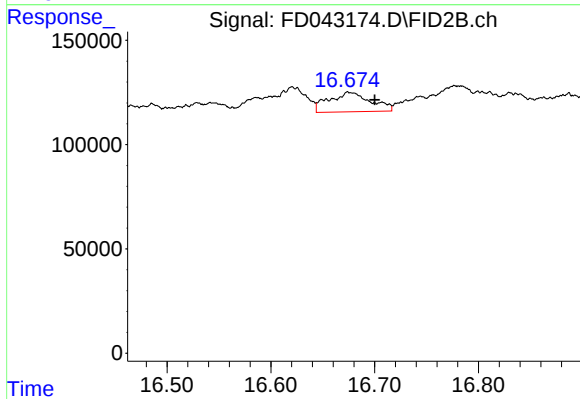
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.308 min
Delta R.T.: -0.012 min
Response: 377412
Conc: 2.48 ug/ml



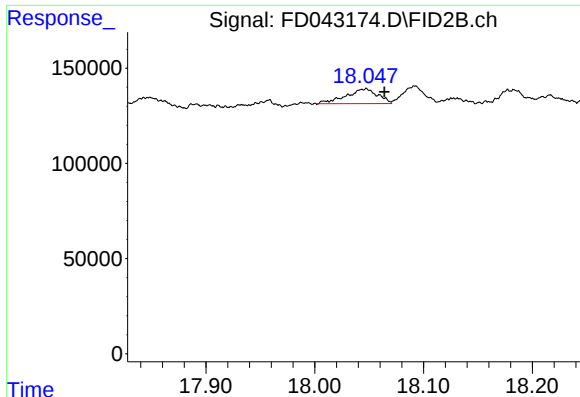
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.308 min
Delta R.T.: -0.042 min
Response: 377412
Conc: 2.58 ug/ml



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

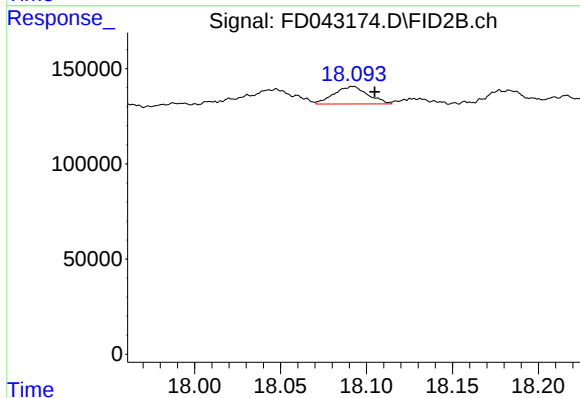
R.T.: 16.676 min
Delta R.T.: -0.024 min
Response: 260750
Conc: 1.82 ug/ml



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

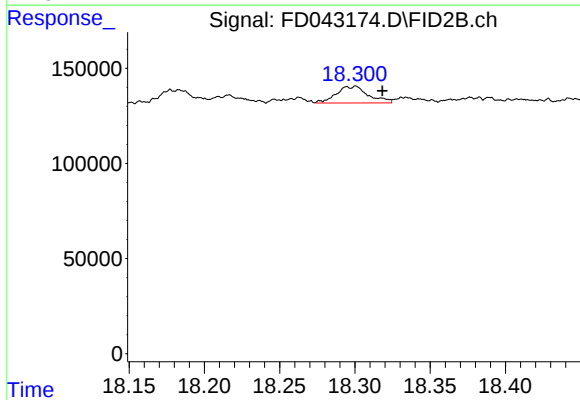
R.T.: 18.046 min
Delta R.T.: -0.018 min
Response: 156479
Conc: 1.25 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 18.091 min
Delta R.T.: -0.013 min
Response: 126025
Conc: 0.94 ug/ml



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

R.T.: 18.298 min
Delta R.T.: -0.020 min
Response: 130179
Conc: 1.00 ug/ml