

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD091522AR\
 Data File : FD043886.D
 Signal(s) : FID2B.ch
 Acq On : 15 Sep 2022 02:06
 Operator : YP/AJ
 Sample : N4581-02RE
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: sample.E
 Quant Time: Sep 15 04:20:21 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 091522.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 14 19:37:45 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...	7.429	3970736	30.178 ug/ml
Spiked Amount 50.000		Recovery =	60.36%
6) S 2-Fluorobiphenyl (SURR)	8.288	1473368	20.424 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.85%
11) S ortho-Terphenyl (SURR)	11.316	6879178	36.927 ug/ml
Spiked Amount 50.000		Recovery =	73.85%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.240	3632	0.024 ug/ml
2) T Naphthalene (C11.7)	5.777	5079	0.036 ug/ml
3) T 2-Methylnaphthalene (...)	6.810	24765	0.169 ug/ml
5) T Acenaphthylene (C15.06)	8.090	3740	0.024 ug/ml
7) T Acenaphthene (C15.5)	8.415	124357	0.711 ug/ml
8) T Fluorene (C16.55)	9.150	18809	0.128 ug/ml
9) T Phenanthrene (C19.36)	10.554	17275	0.119 ug/ml
10) T Anthracene (C19.43)	10.617	12500	0.085 ug/ml
12) T Fluoranthene (C21.85)	12.356	18769	0.122 ug/ml
13) T Pyrene (C20.8)	12.648	6132	0.041 ug/ml
14) T Benzo[a]anthracene (C...	14.506	1318	0.012 ug/ml
15) T Chrysene (C27.41)	14.567	28818	0.184 ug/ml
16) T benzo[b]fluoranthene ...	16.057	15331	0.131 ug/ml
17) T Bnezo[k]fluoranthene ...	16.057	15331	0.103 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.454	6046	0.050 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.816	104498	1.099 ug/ml
20) T Dibenz[a,h]anthracene...	17.816	104498	0.870 ug/ml
21) T Benzo[g,h,i]perylene ...	18.070	67095	0.589 ug/ml

(f)=RT Delta > 1/2 Window

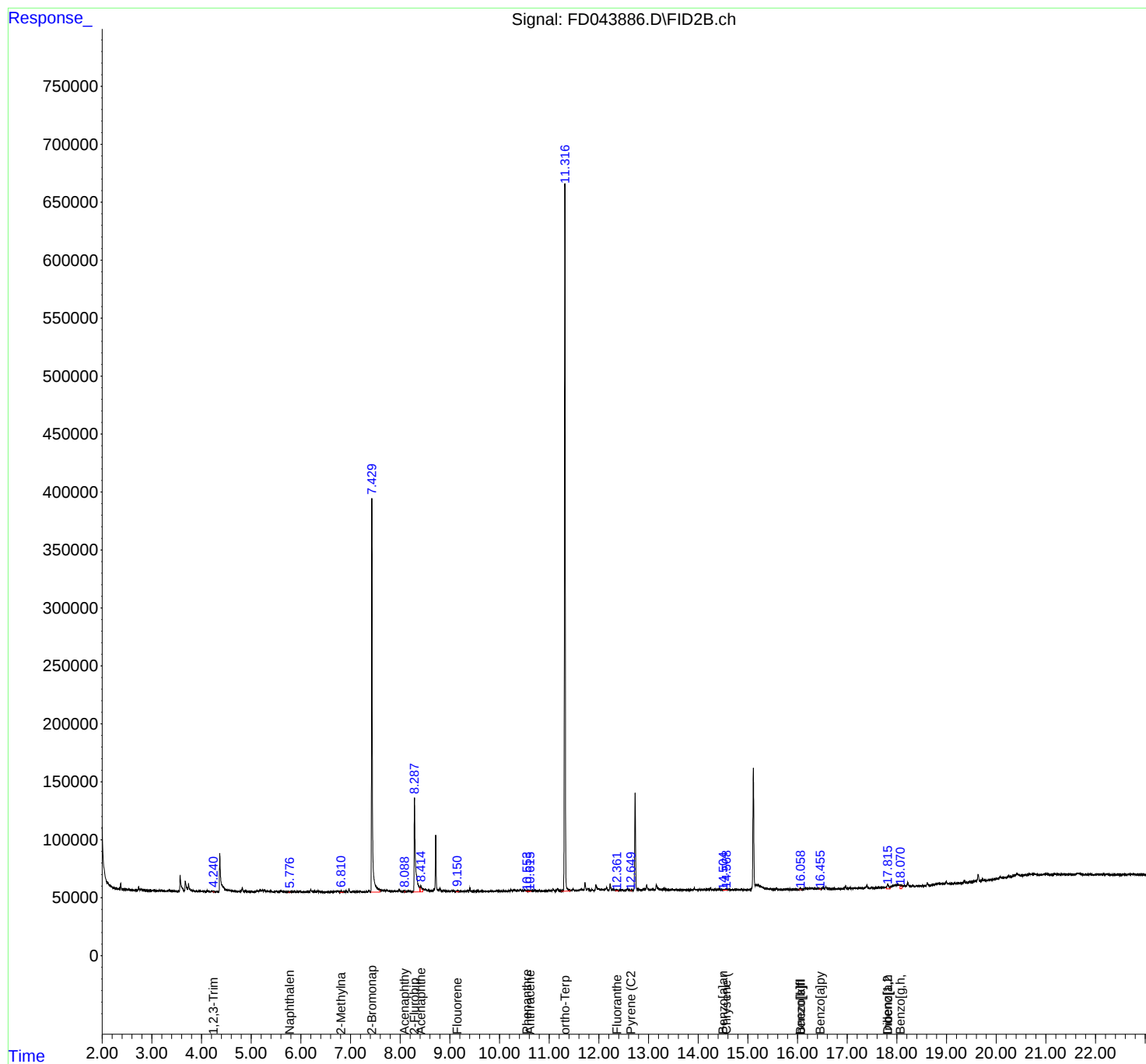
(m)=manual int.

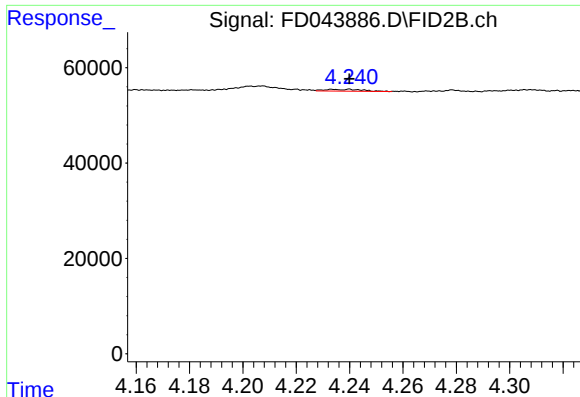
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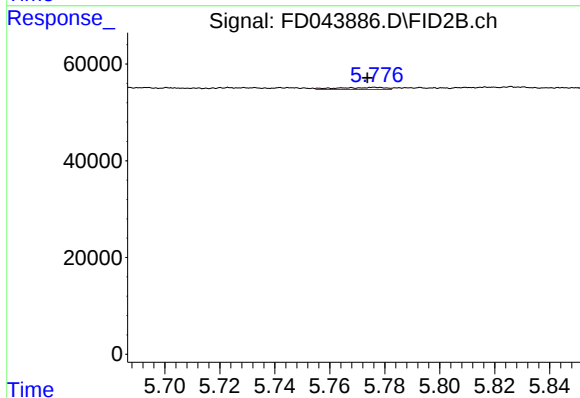




#1 1,2,3-Trimethylbenzene (C10.1)

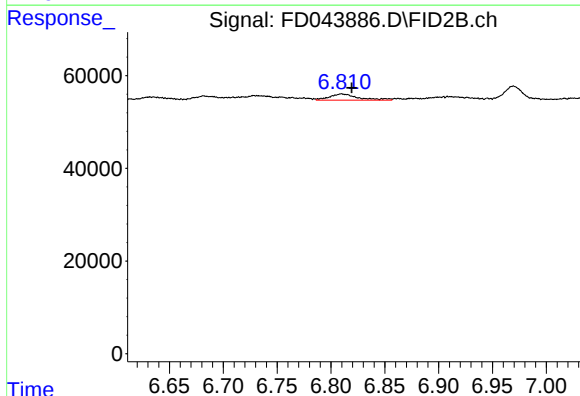
R.T.: 4.240 min
Delta R.T.: 0.000 min
Response: 3632
Conc: 0.02 ug/ml

Instrument :
FID_D
ClientSampleId :



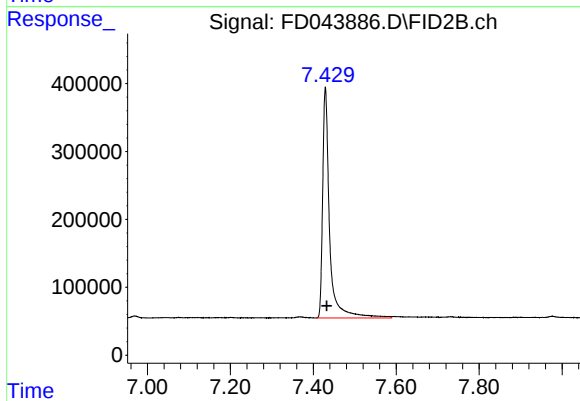
#2 Naphthalene (C11.7)

R.T.: 5.777 min
Delta R.T.: 0.003 min
Response: 5079
Conc: 0.04 ug/ml



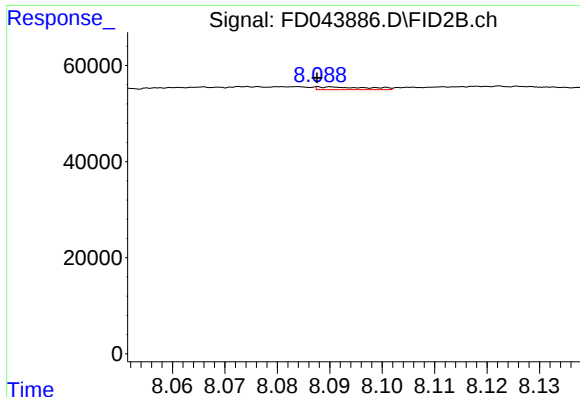
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.810 min
Delta R.T.: -0.009 min
Response: 24765
Conc: 0.17 ug/ml



#4 2-Bromonaphthalene (SURR)

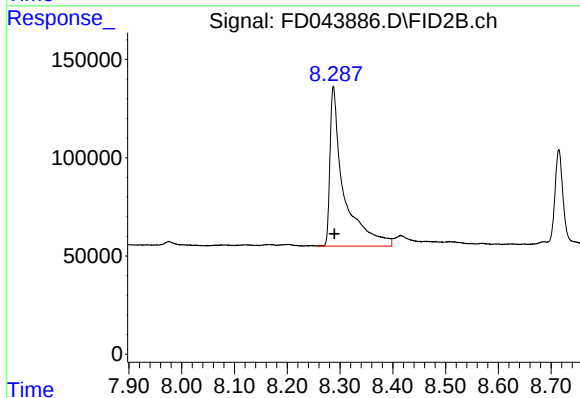
R.T.: 7.429 min
Delta R.T.: -0.004 min
Response: 3970736
Conc: 30.18 ug/ml



#5 Acenaphthylene (C15.06)

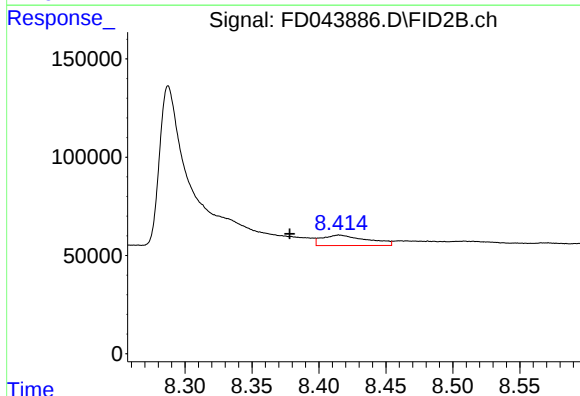
R.T.: 8.090 min
Delta R.T.: 0.002 min
Response: 3740
Conc: 0.02 ug/ml

Instrument :
FID_D
ClientSampleId :



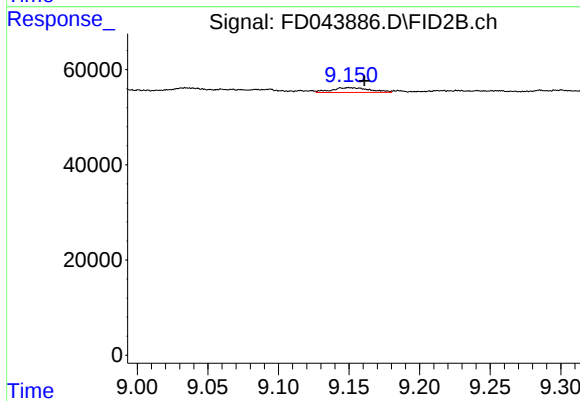
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.288 min
Delta R.T.: -0.002 min
Response: 1473368
Conc: 20.42 ug/ml



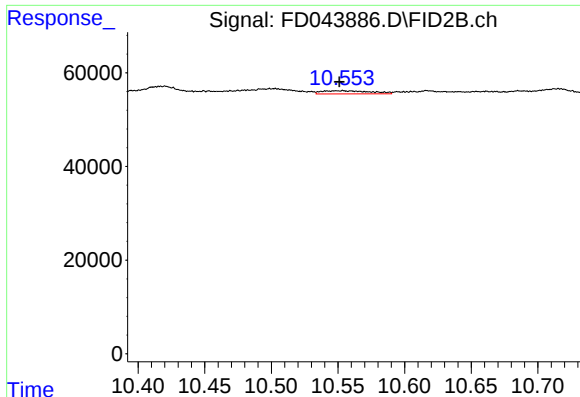
#7 Acenaphthene (C15.5)

R.T.: 8.415 min
Delta R.T.: 0.037 min
Response: 124357
Conc: 0.71 ug/ml



#8 Flouorene (C16.55)

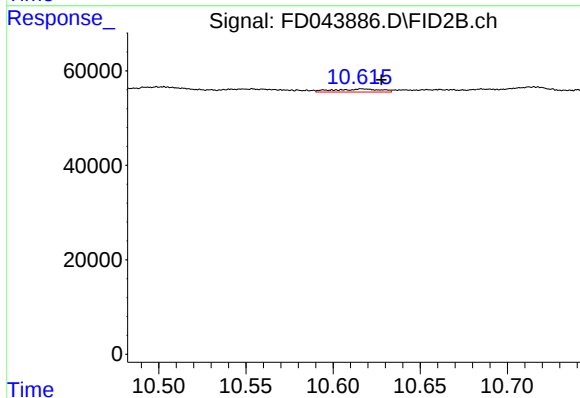
R.T.: 9.150 min
Delta R.T.: -0.010 min
Response: 18809
Conc: 0.13 ug/ml



#9 Phenanthrene (C19.36)

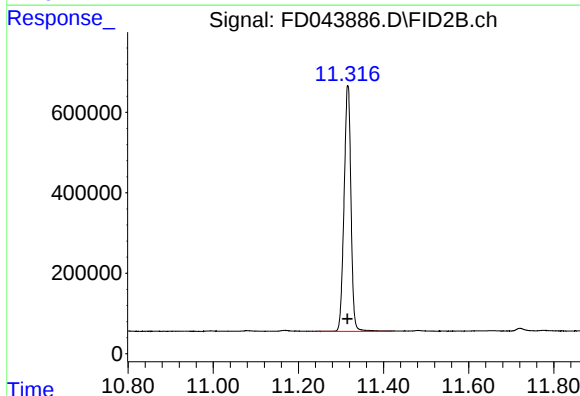
R.T.: 10.554 min
Delta R.T.: 0.002 min
Response: 17275
Conc: 0.12 ug/ml

Instrument :
FID_D
ClientSampleId :



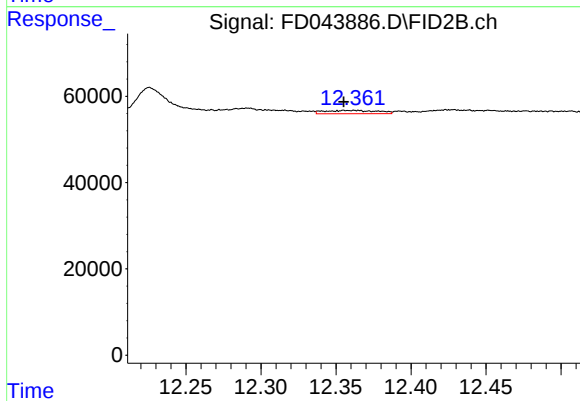
#10 Anthracene (C19.43)

R.T.: 10.617 min
Delta R.T.: -0.011 min
Response: 12500
Conc: 0.09 ug/ml



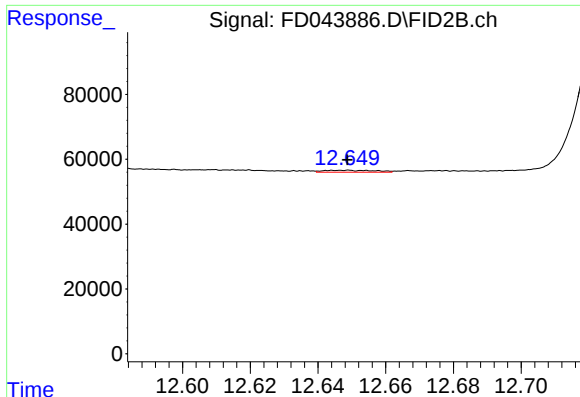
#11 ortho-Terphenyl (SURR)

R.T.: 11.316 min
Delta R.T.: 0.001 min
Response: 6879178
Conc: 36.93 ug/ml



#12 Fluoranthene (C21.85)

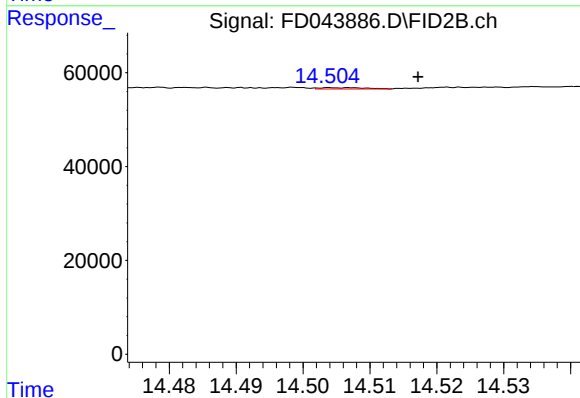
R.T.: 12.356 min
Delta R.T.: 0.000 min
Response: 18769
Conc: 0.12 ug/ml



#13 Pyrene (C20.8)

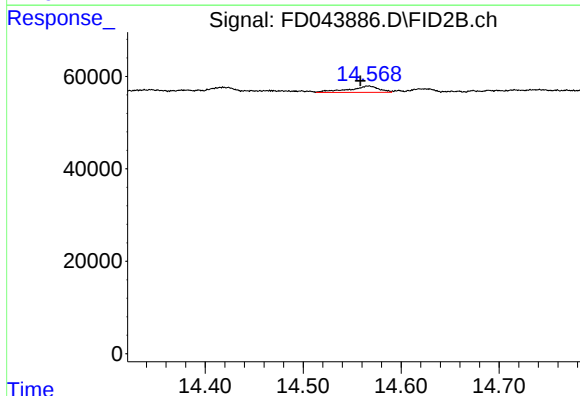
R.T.: 12.648 min
Delta R.T.: 0.000 min
Response: 6132
Conc: 0.04 ug/ml

Instrument :
FID_D
ClientSampleId :



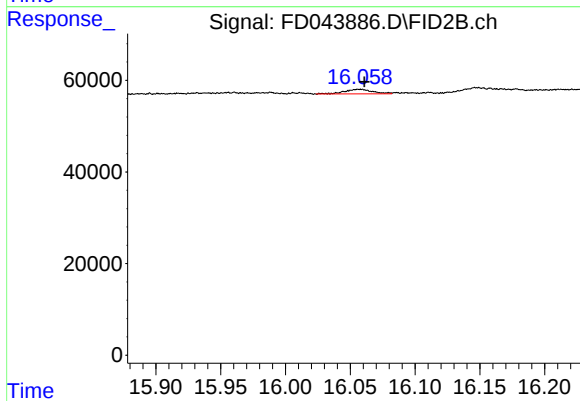
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.506 min
Delta R.T.: -0.011 min
Response: 1318
Conc: 0.01 ug/ml



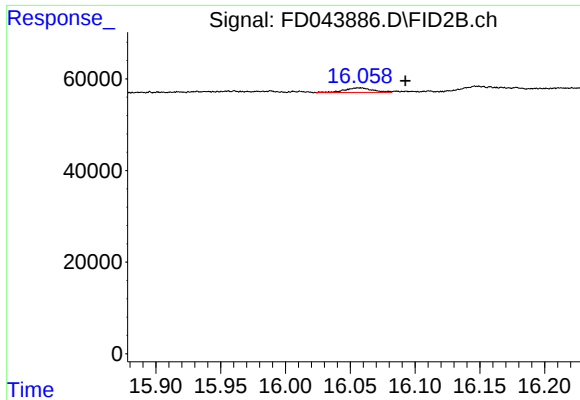
#15 Chrysene (C27.41)

R.T.: 14.567 min
Delta R.T.: 0.008 min
Response: 28818
Conc: 0.18 ug/ml



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

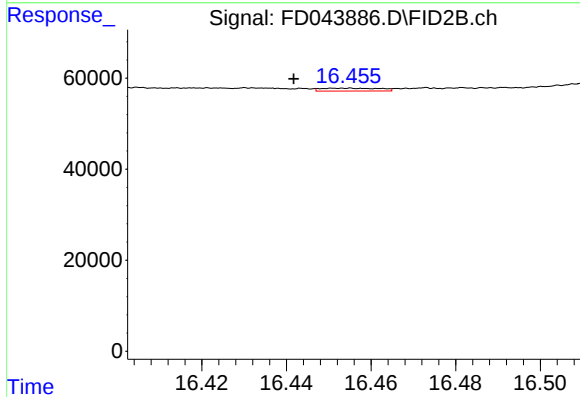
R.T.: 16.057 min
Delta R.T.: -0.004 min
Response: 15331
Conc: 0.13 ug/ml



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

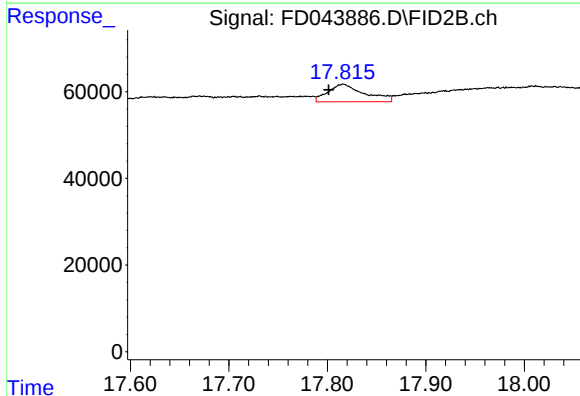
R.T.: 16.057 min
Delta R.T.: -0.035 min
Response: 15331
Conc: 0.10 ug/ml

Instrument :
FID_D
ClientSampleId :



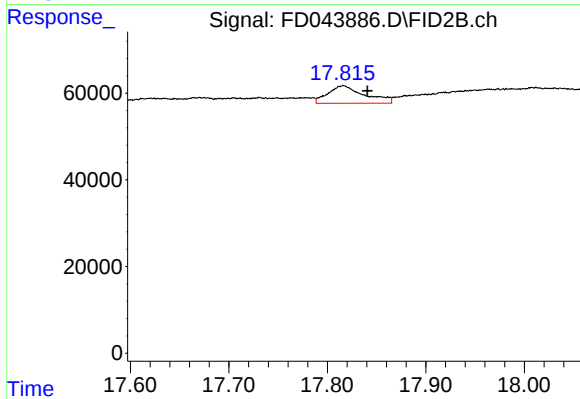
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.454 min
Delta R.T.: 0.012 min
Response: 6046
Conc: 0.05 ug/ml



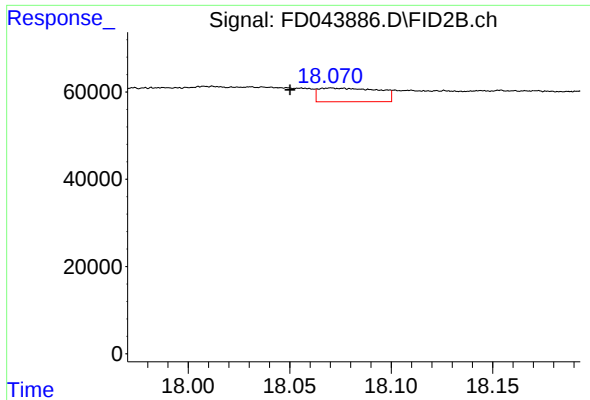
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.816 min
Delta R.T.: 0.015 min
Response: 104498
Conc: 1.10 ug/ml



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

R.T.: 17.816 min
Delta R.T.: -0.024 min
Response: 104498
Conc: 0.87 ug/ml



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

R.T.: 18.070 min
Delta R.T.: 0.020 min
Response: 67095
Conc: 0.59 ug/ml

Instrument :
FID_D
ClientSampleId :