

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081822AR\
 Data File : FD043657.D
 Signal(s) : FID2B.ch
 Acq On : 18 Aug 2022 15:37
 Operator : YP/AJ
 Sample : I.BLK
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: sample.E
 Quant Time: Aug 18 16:43:44 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 072522.M
 Quant Title : GC Extractables
 QLast Update : Mon Aug 08 16:58:49 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...	7.588	34139	0.241 ug/ml
Spiked Amount 50.000		Recovery =	0.48%
6) S 2-Fluorobiphenyl (SURR)	8.487	31283	0.329 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	0.66%
11) S ortho-Terphenyl (SURR)	11.515	20126	0.119 ug/ml
Spiked Amount 50.000		Recovery =	0.24%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.418	2304	0.015 ug/ml
2) T Naphthalene (C11.7)	5.939	4494	0.028 ug/ml
3) T 2-Methylnaphthalene (...)	7.014	16203	0.111 ug/ml
5) T Acenaphthylene (C15.06)	8.279	85380	0.526 ug/ml
7) T Acenaphthene (C15.5)	8.567	75359	0.466 ug/ml
8) T Flouorene (C16.55)	9.355	22776	0.145 ug/ml
9) T Phenanthrene (C19.36)	10.756	2624	0.017 ug/ml
10) T Anthracene (C19.43)	10.808	14597	0.095 ug/ml
12) T Fluoranthene (C21.85)	12.567	3857	0.024 ug/ml
13) T Pyrene (C20.8)	12.870	8641	0.055 ug/ml
14) T Benzo[a]anthracene (C...	14.802f	39306	0.266 ug/ml
15) T Chrysene (C27.41)	14.802	39306	0.252 ug/ml
16) T benzo[b]fluoranthene ...	16.308	306031	2.046 ug/ml
17) T Bnezo[k]fluoranthene ...	16.308	306031	2.039 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.079	635073	5.374 ug/ml
20) T Dibenz[a,h]anthracene...	18.079	635073	4.477 ug/ml
21) T Benzo[g,h,i]perylene ...	18.327	1827694	14.054 ug/ml

(f)=RT Delta > 1/2 Window

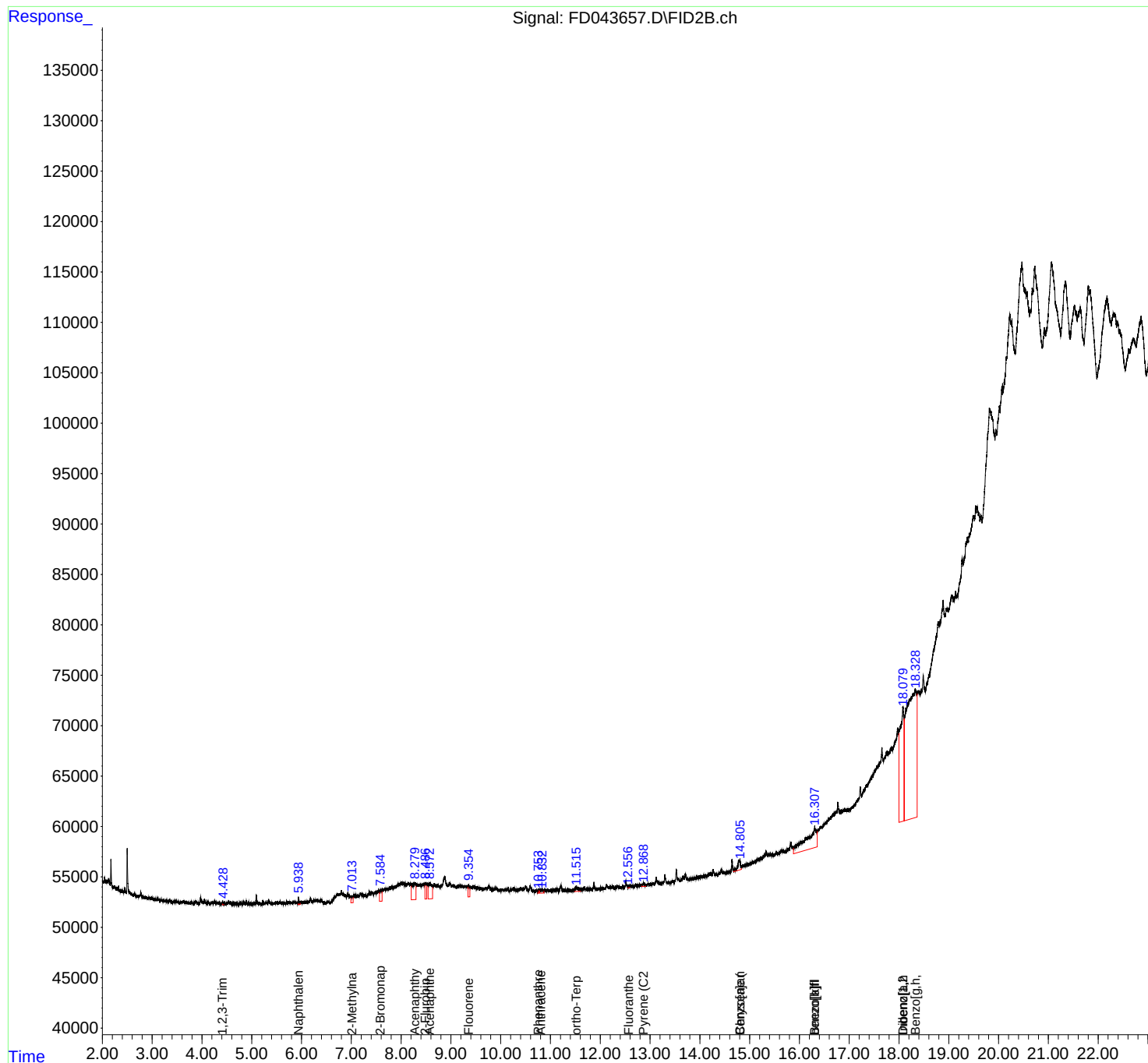
(m)=manual int.

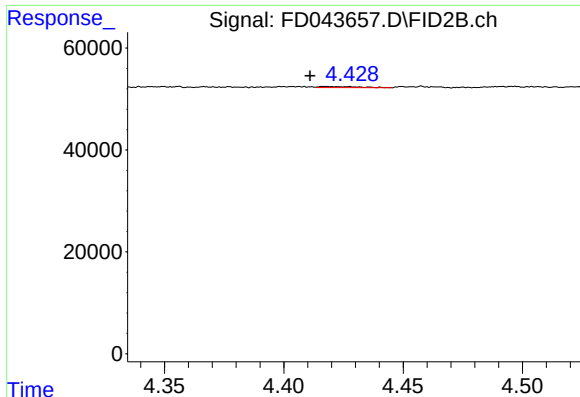
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

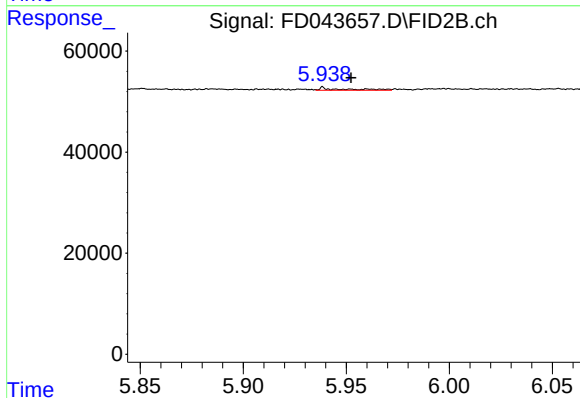




#1 1,2,3-Trimethylbenzene (C10.1)

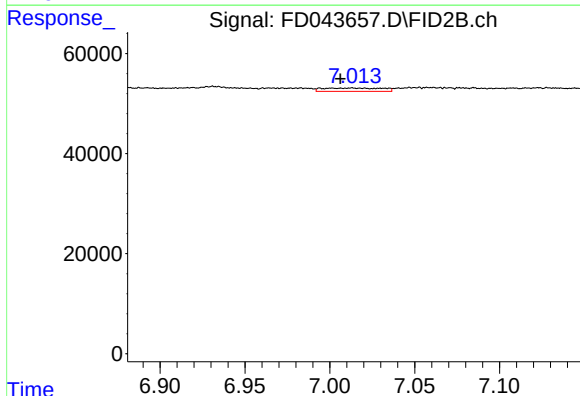
R.T.: 4.418 min
Delta R.T.: 0.007 min
Response: 2304
Conc: 0.01 ug/ml

Instrument :
FID_D
ClientSampleId :



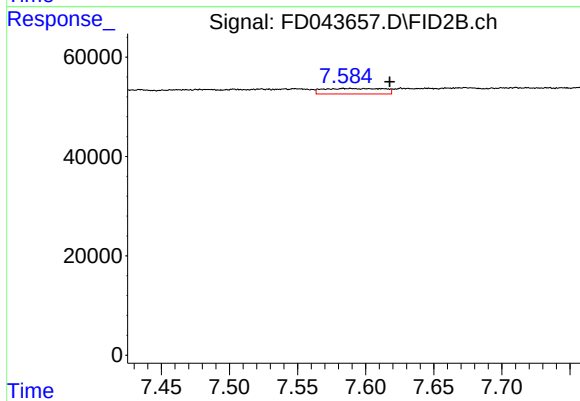
#2 Naphthalene (C11.7)

R.T.: 5.939 min
Delta R.T.: -0.013 min
Response: 4494
Conc: 0.03 ug/ml



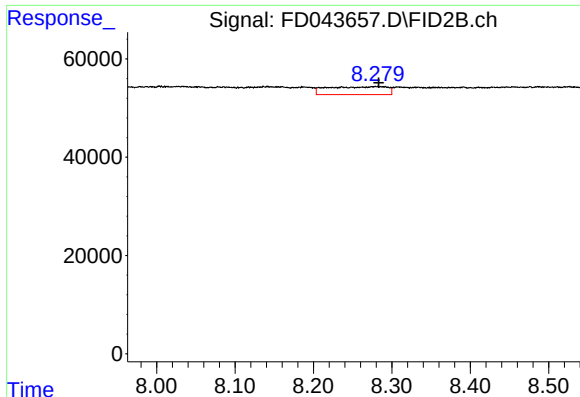
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.014 min
Delta R.T.: 0.008 min
Response: 16203
Conc: 0.11 ug/ml



#4 2-Bromonaphthalene (SURR)

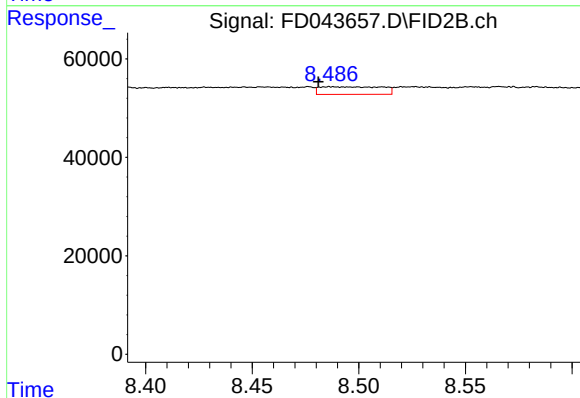
R.T.: 7.588 min
Delta R.T.: -0.030 min
Response: 34139
Conc: 0.24 ug/ml



#5 Acenaphthylene (C15.06)

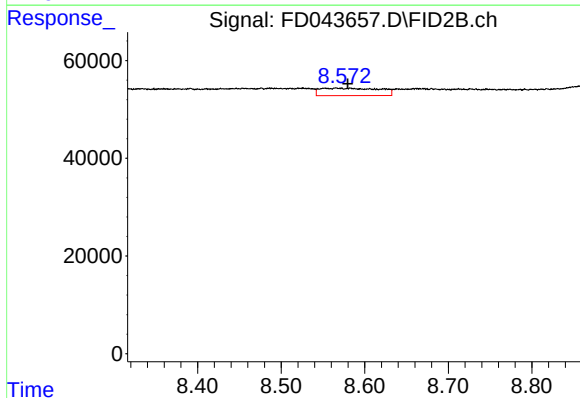
R.T.: 8.279 min
Delta R.T.: -0.004 min
Response: 85380
Conc: 0.53 ug/ml

Instrument :
FID_D
ClientSampleId :



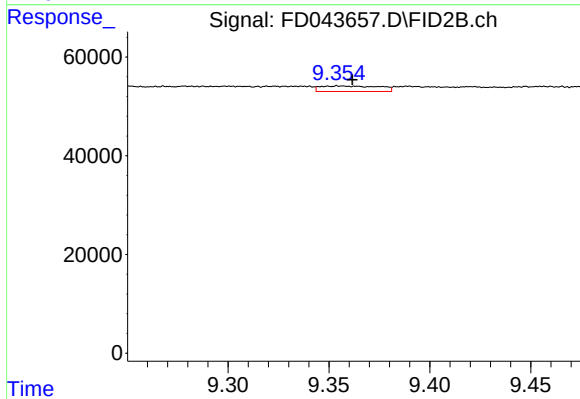
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.487 min
Delta R.T.: 0.006 min
Response: 31283
Conc: 0.33 ug/ml



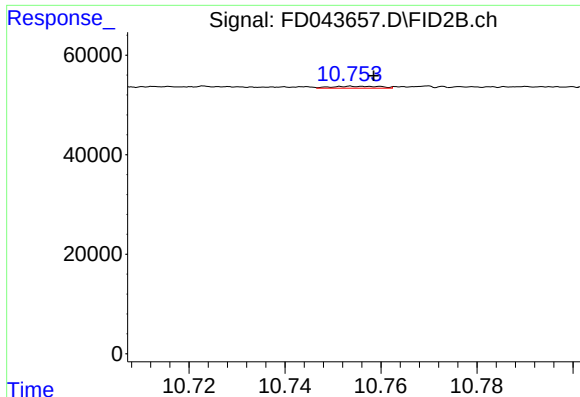
#7 Acenaphthene (C15.5)

R.T.: 8.567 min
Delta R.T.: -0.013 min
Response: 75359
Conc: 0.47 ug/ml



#8 Fluorene (C16.55)

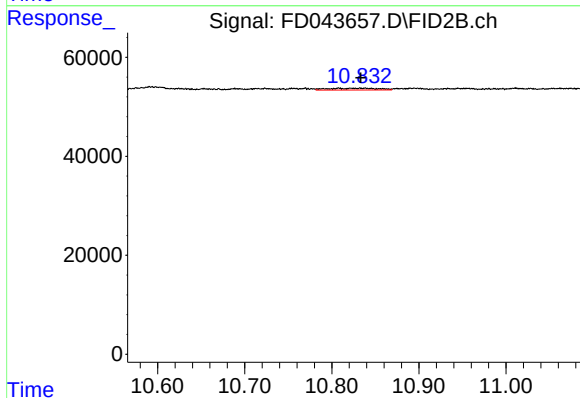
R.T.: 9.355 min
Delta R.T.: -0.006 min
Response: 22776
Conc: 0.15 ug/ml



#9 Phenanthrene (C19.36)

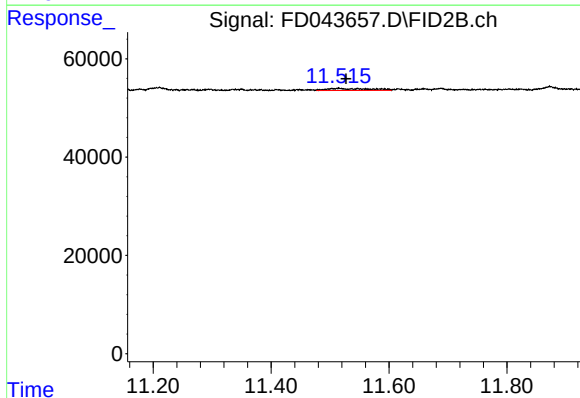
R.T.: 10.756 min
Delta R.T.: -0.003 min
Response: 2624
Conc: 0.02 ug/ml

Instrument :
FID_D
ClientSampleId :



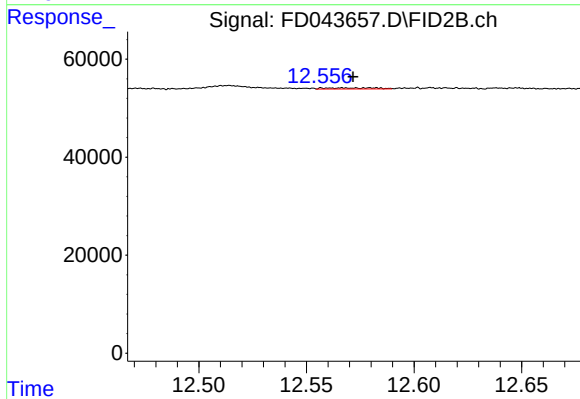
#10 Anthracene (C19.43)

R.T.: 10.808 min
Delta R.T.: -0.025 min
Response: 14597
Conc: 0.09 ug/ml



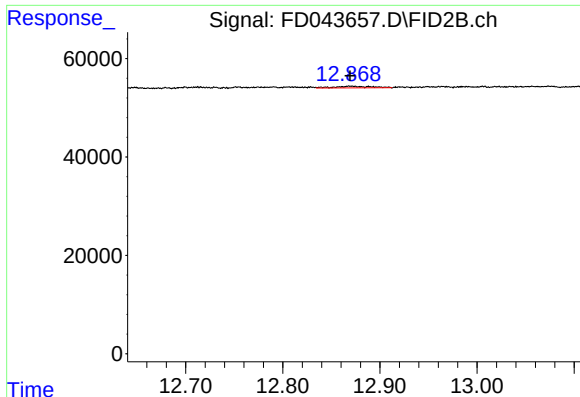
#11 ortho-Terphenyl (SURR)

R.T.: 11.515 min
Delta R.T.: -0.013 min
Response: 20126
Conc: 0.12 ug/ml



#12 Fluoranthene (C21.85)

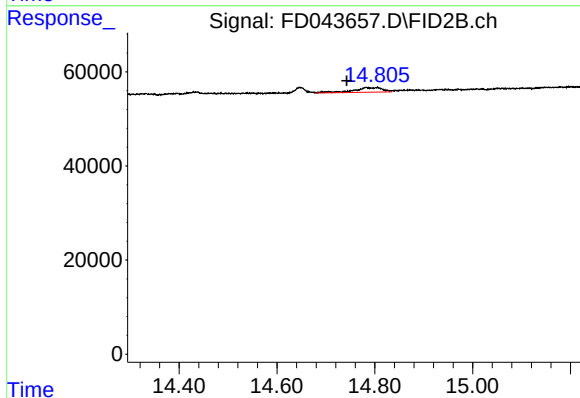
R.T.: 12.567 min
Delta R.T.: -0.004 min
Response: 3857
Conc: 0.02 ug/ml



#13 Pyrene (C20.8)

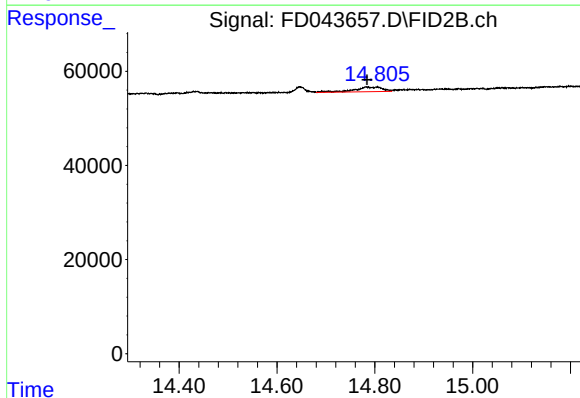
R.T.: 12.870 min
Delta R.T.: 0.001 min
Response: 8641
Conc: 0.05 ug/ml

Instrument :
FID_D
ClientSampleId :



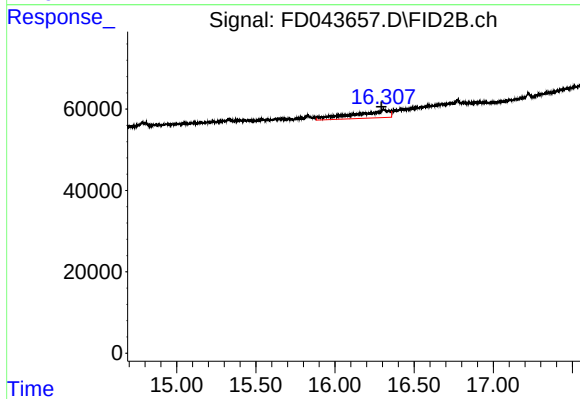
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.802 min
Delta R.T.: 0.059 min
Response: 39306
Conc: 0.27 ug/ml



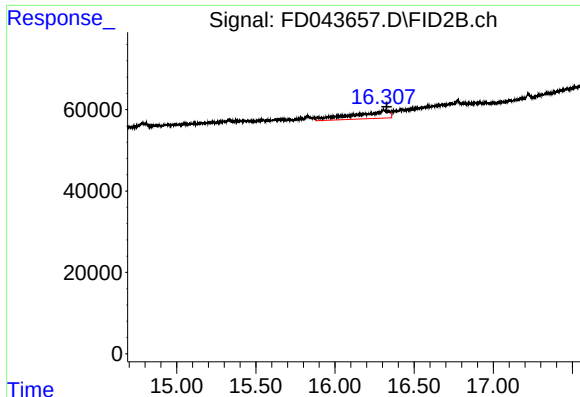
#15 Chrysene (C27.41)

R.T.: 14.802 min
Delta R.T.: 0.018 min
Response: 39306
Conc: 0.25 ug/ml



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

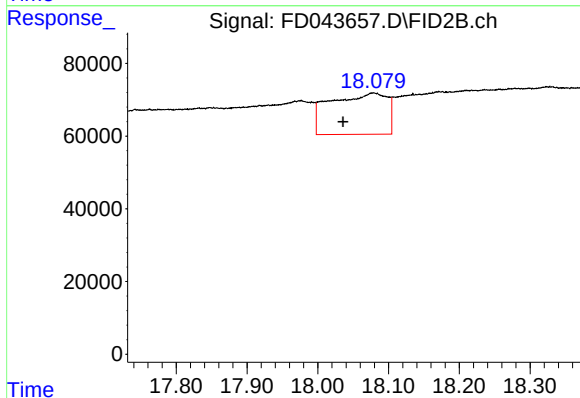
R.T.: 16.308 min
Delta R.T.: 0.014 min
Response: 306031
Conc: 2.05 ug/ml



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

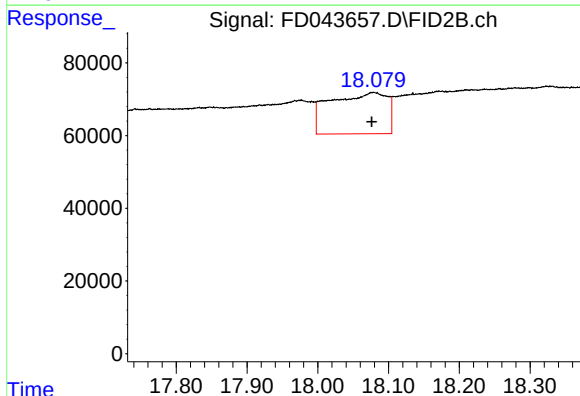
R.T.: 16.308 min
Delta R.T.: -0.019 min
Response: 306031
Conc: 2.04 ug/ml

Instrument :
FID_D
ClientSampleId :



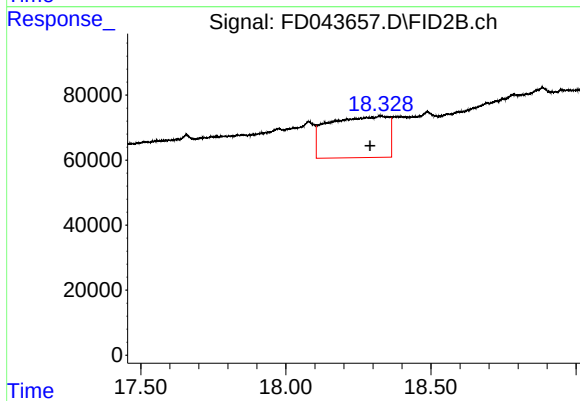
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.079 min
Delta R.T.: 0.043 min
Response: 635073
Conc: 5.37 ug/ml



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

R.T.: 18.079 min
Delta R.T.: 0.003 min
Response: 635073
Conc: 4.48 ug/ml



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

R.T.: 18.327 min
Delta R.T.: 0.037 min
Response: 1827694
Conc: 14.05 ug/ml