

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081822AR\
 Data File : FD043655.D
 Signal(s) : FID2B.ch
 Acq On : 18 Aug 2022 13:17
 Operator : YP/AJ
 Sample : N4186-01RE
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: sample.E
 Quant Time: Aug 18 15:28:15 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...	7.610	5686530	40.201 ug/ml
Spiked Amount 50.000		Recovery =	80.40%
6) S 2-Fluorobiphenyl (SURR)	8.474	3812499	40.104 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	80.21%
11) S ortho-Terphenyl (SURR)	11.520	3435392	20.269 ug/ml
Spiked Amount 50.000		Recovery =	40.54%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.405	4528	0.029 ug/ml
2) T Naphthalene (C11.7)	5.949	23187	0.143 ug/ml
3) T 2-Methylnaphthalene (...)	6.998	31132	0.213 ug/ml
5) T Acenaphthylene (C15.06)	8.277	46175	0.284 ug/ml
7) T Acenaphthene (C15.5)	8.627	47996	0.297 ug/ml
8) T Fluorene (C16.55)	9.355	22503	0.144 ug/ml
9) T Phenanthrene (C19.36)	10.757	16083	0.103 ug/ml
10) T Anthracene (C19.43)	10.835	19223	0.125 ug/ml
12) T Fluoranthene (C21.85)	12.567	56868	0.359 ug/ml
13) T Pyrene (C20.8)	12.864	48084	0.306 ug/ml
14) T Benzo[a]anthracene (C...	14.743	35914	0.243 ug/ml
15) T Chrysene (C27.41)	14.782	86287	0.552 ug/ml
16) T benzo[b]fluoranthene ...	16.294	154382	1.032 ug/ml
17) T Bnezo[k]fluoranthene ...	16.294	154382	1.029 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.673	91979	0.651 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.039	60121	0.509 ug/ml
20) T Dibenz[a,h]anthracene...	18.080	126422	0.891 ug/ml
21) T Benzo[g,h,i]perylene ...	18.289	61521	0.473 ug/ml

(f)=RT Delta > 1/2 Window

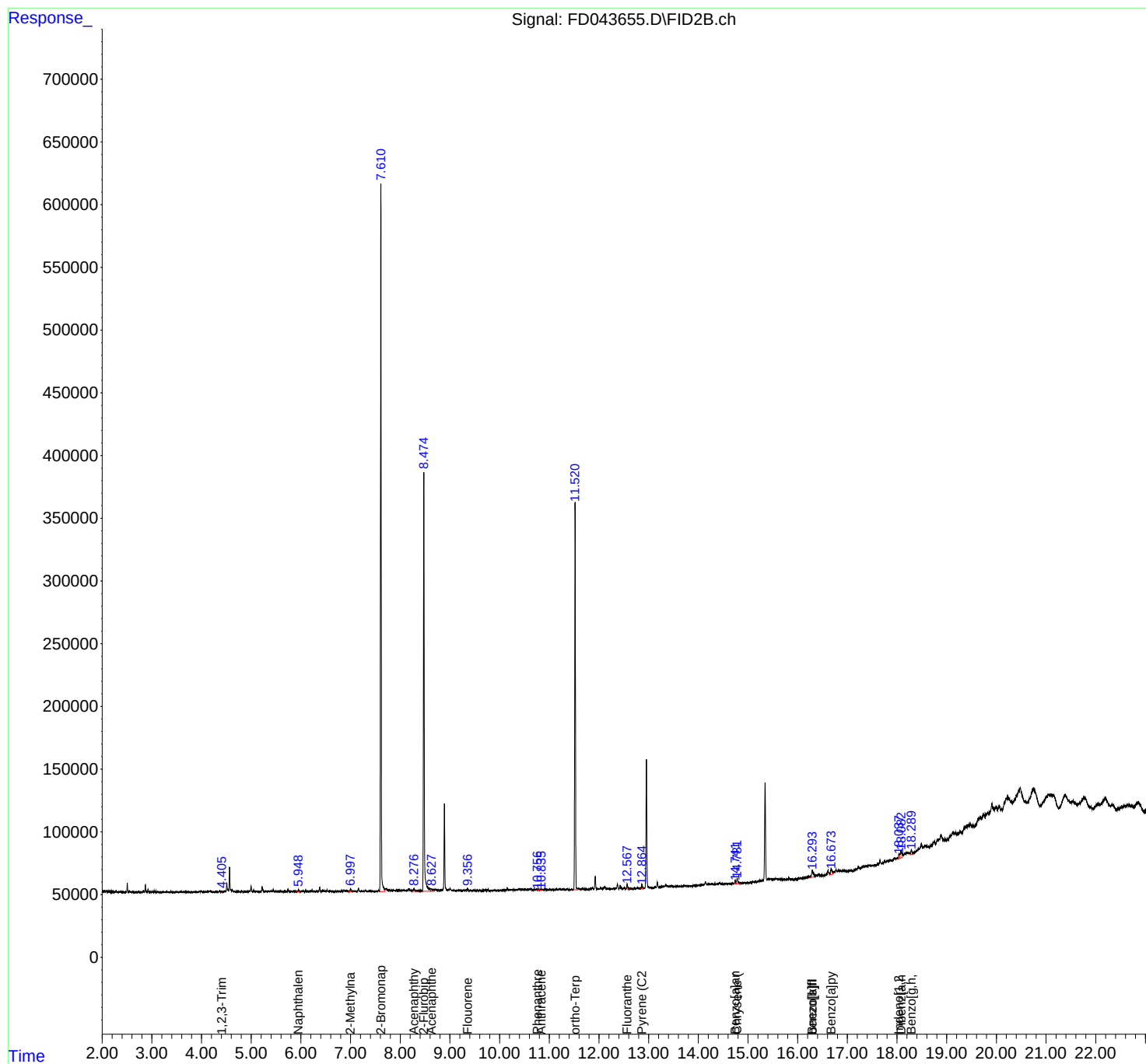
(m)=manual int.

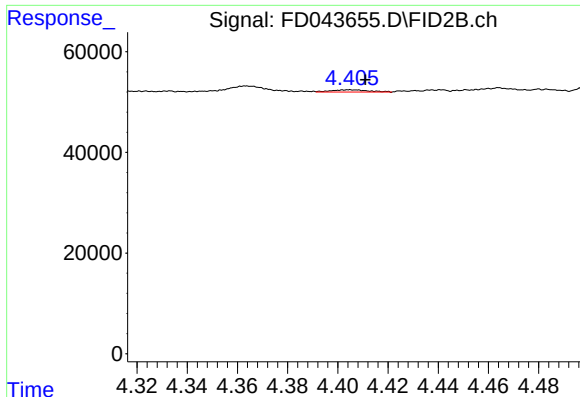
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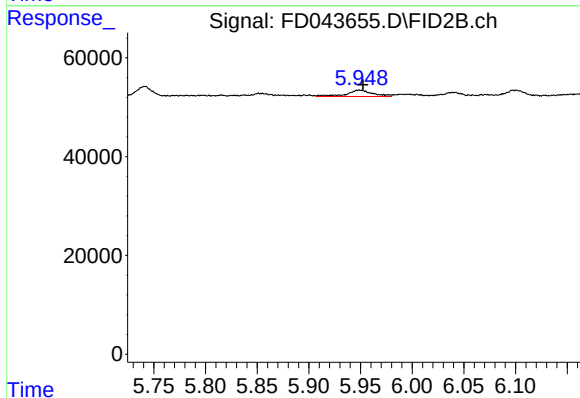




#1 1,2,3-Trimethylbenzene (C10.1)

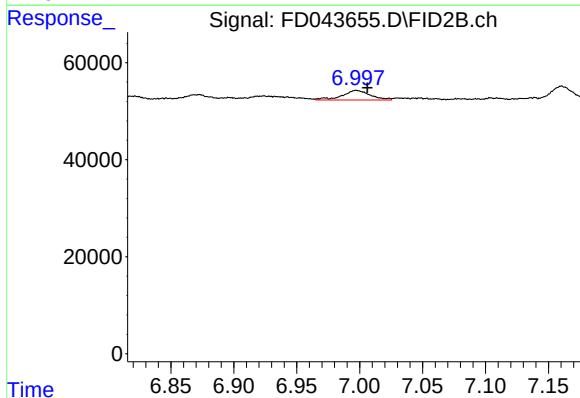
R.T.: 4.405 min
Delta R.T.: -0.006 min
Response: 4528
Conc: 0.03 ug/ml

Instrument :
FID_D
ClientSampleId :



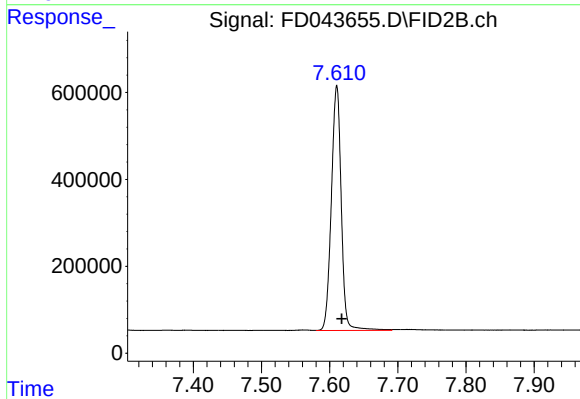
#2 Naphthalene (C11.7)

R.T.: 5.949 min
Delta R.T.: -0.003 min
Response: 23187
Conc: 0.14 ug/ml



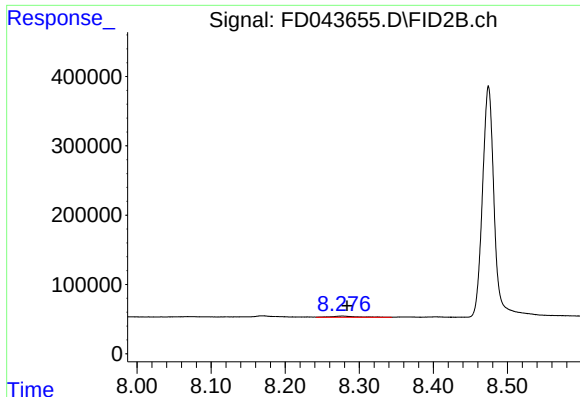
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.998 min
Delta R.T.: -0.008 min
Response: 31132
Conc: 0.21 ug/ml



#4 2-Bromonaphthalene (SURR)

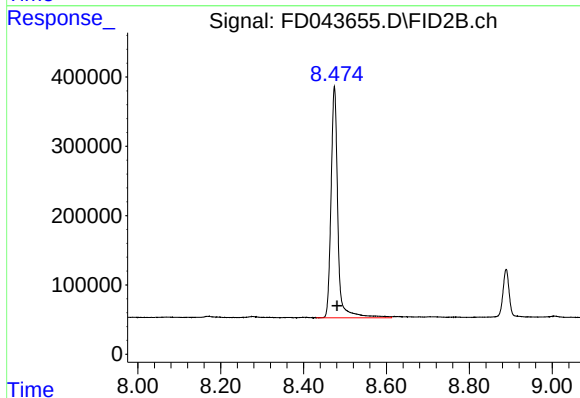
R.T.: 7.610 min
Delta R.T.: -0.007 min
Response: 5686530
Conc: 40.20 ug/ml



#5 Acenaphthylene (C15.06)

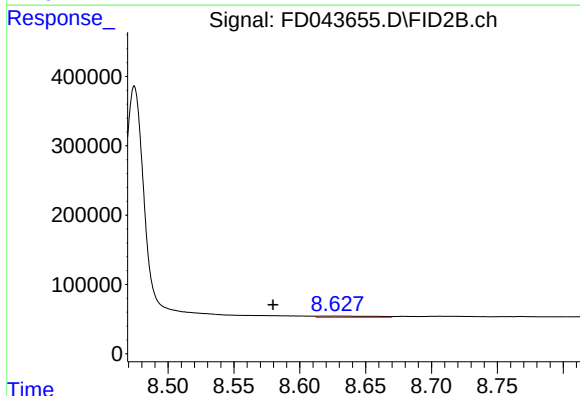
R.T.: 8.277 min
Delta R.T.: -0.007 min
Response: 46175
Conc: 0.28 ug/ml

Instrument :
FID_D
ClientSampleId :



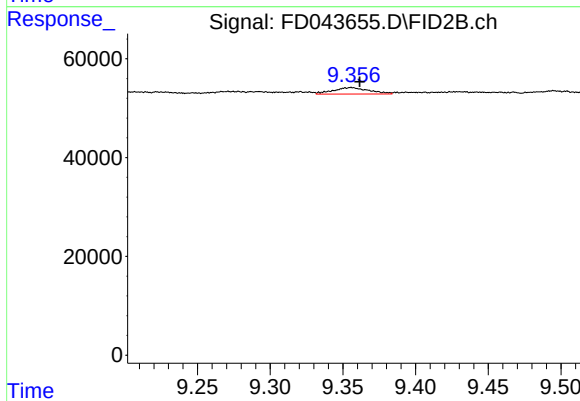
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.474 min
Delta R.T.: -0.007 min
Response: 3812499
Conc: 40.10 ug/ml



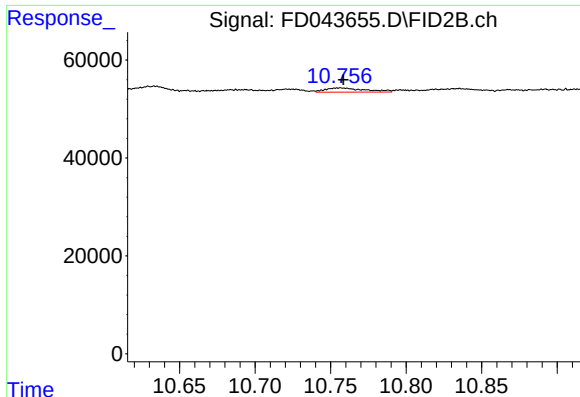
#7 Acenaphthene (C15.5)

R.T.: 8.627 min
Delta R.T.: 0.047 min
Response: 47996
Conc: 0.30 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.355 min
Delta R.T.: -0.006 min
Response: 22503
Conc: 0.14 ug/ml



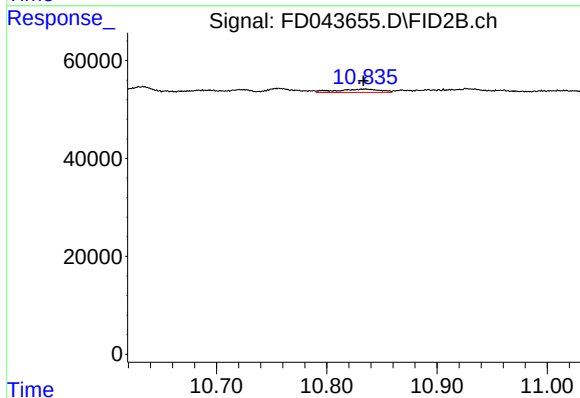
#9 Phenanthrene (C19.36)

R.T.: 10.757 min
Delta R.T.: -0.002 min
Response: 16083
Conc: 0.10 ug/ml

Instrument :

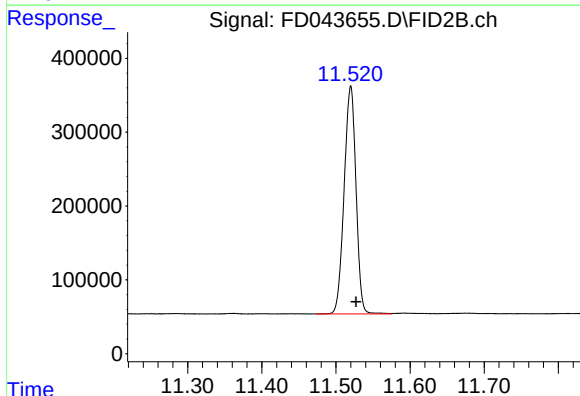
FID_D

ClientSampleId :



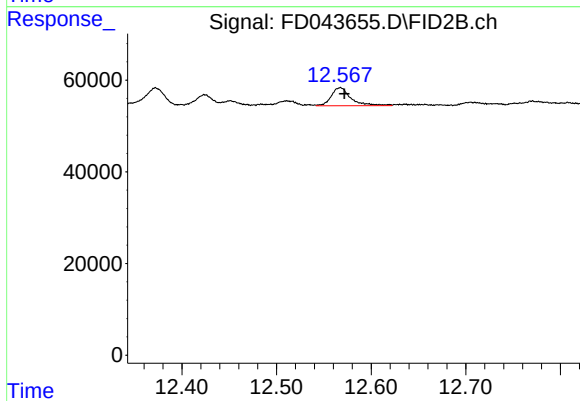
#10 Anthracene (C19.43)

R.T.: 10.835 min
Delta R.T.: 0.002 min
Response: 19223
Conc: 0.12 ug/ml



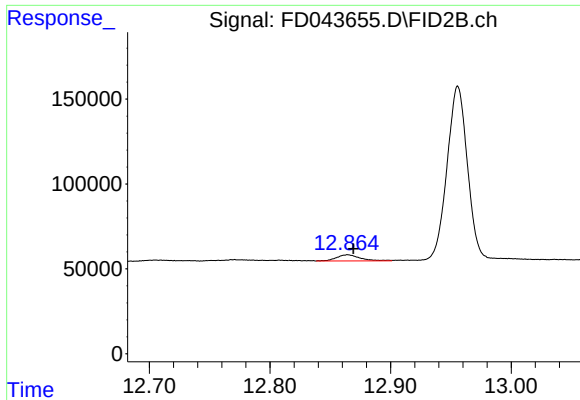
#11 ortho-Terphenyl (SURR)

R.T.: 11.520 min
Delta R.T.: -0.007 min
Response: 3435392
Conc: 20.27 ug/ml



#12 Fluoranthene (C21.85)

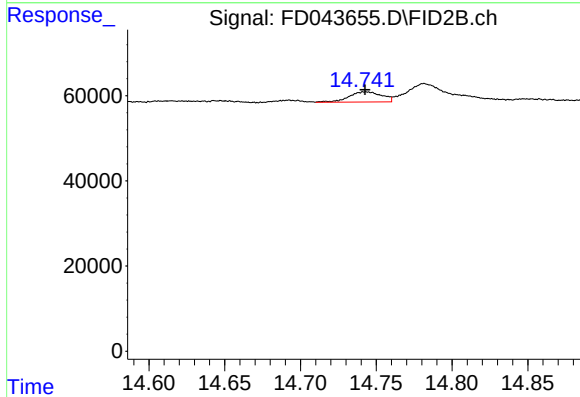
R.T.: 12.567 min
Delta R.T.: -0.004 min
Response: 56868
Conc: 0.36 ug/ml



#13 Pyrene (C20.8)

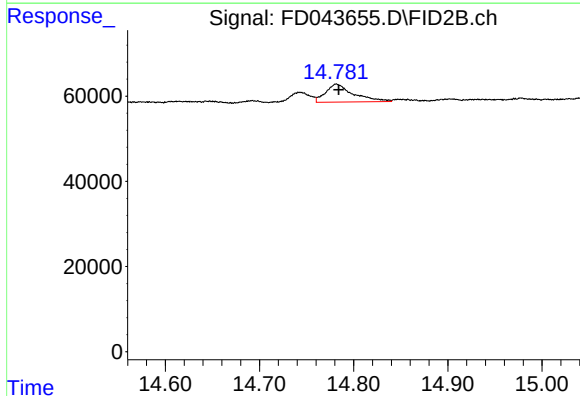
R.T.: 12.864 min
Delta R.T.: -0.005 min
Response: 48084
Conc: 0.31 ug/ml

Instrument :
FID_D
ClientSampleId :



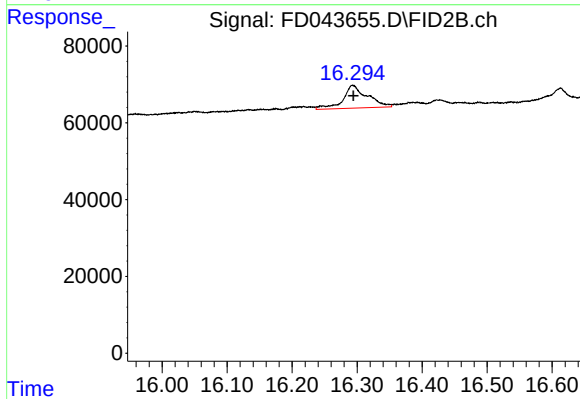
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.743 min
Delta R.T.: 0.000 min
Response: 35914
Conc: 0.24 ug/ml



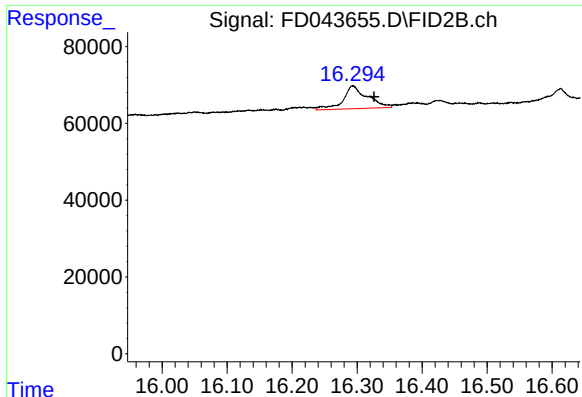
#15 Chrysene (C27.41)

R.T.: 14.782 min
Delta R.T.: -0.002 min
Response: 86287
Conc: 0.55 ug/ml



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

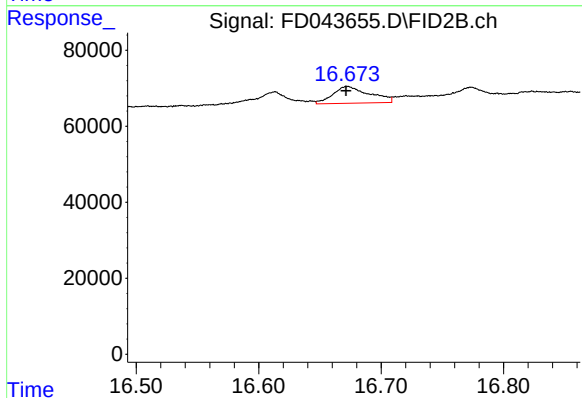
R.T.: 16.294 min
Delta R.T.: 0.000 min
Response: 154382
Conc: 1.03 ug/ml



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

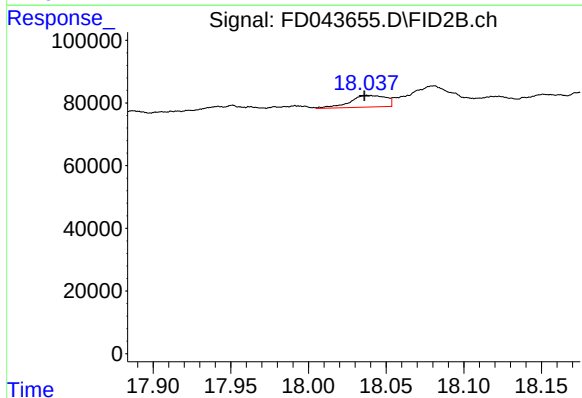
R.T.: 16.294 min
Delta R.T.: -0.033 min
Response: 154382
Conc: 1.03 ug/ml

Instrument :
FID_D
ClientSampleId :



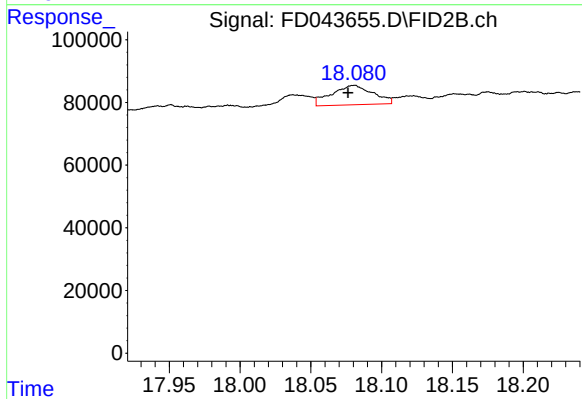
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.673 min
Delta R.T.: 0.001 min
Response: 91979
Conc: 0.65 ug/ml



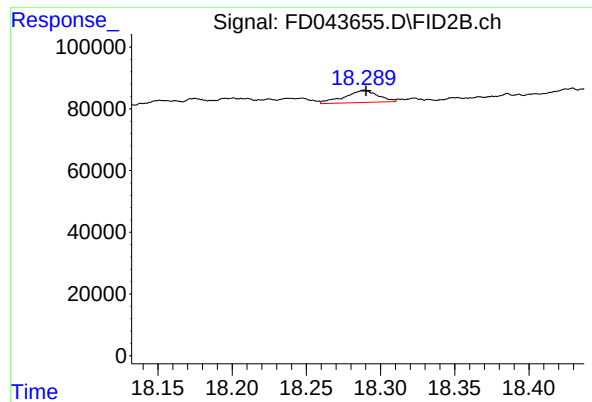
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.039 min
Delta R.T.: 0.003 min
Response: 60121
Conc: 0.51 ug/ml



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

R.T.: 18.080 min
Delta R.T.: 0.004 min
Response: 126422
Conc: 0.89 ug/ml



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

R.T.: 18.289 min
Delta R.T.: -0.001 min
Response: 61521
Conc: 0.47 ug/ml

Instrument :

FID_D

ClientSampleId :