

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD011223AR\
 Data File : FD044773.D
 Signal(s) : FID2B.ch
 Acq On : 12 Jan 2023 23:30
 Operator : YP/AJ
 Sample : 01056-05MS
 Misc :
 ALS Vial : 70 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jan 13 04:49:59 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 122422.M
 Quant Title : GC Extractables
 QLast Update : Sun Dec 25 17:15:10 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...	7.662	7104039	49.264 ug/ml
Spiked Amount 50.000		Recovery =	98.53%
6) S 2-Fluorobiphenyl (SURR)	8.519	4705682	48.477 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	96.95%
11) S ortho-Terphenyl (SURR)	11.546	5046644	28.011 ug/ml
Spiked Amount 50.000		Recovery =	56.02%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.482	5682985	35.321 ug/ml
2) T Naphthalene (C11.7)	6.010	6814039	40.598 ug/ml
3) T 2-Methylnaphthalene (...)	7.055	6689322	39.785 ug/ml
5) T Acenaphthylene (C15.06)	8.324	7376512	48.634 ug/ml
7) T Acenaphthene (C15.5)	8.619	7077399	43.658 ug/ml
8) T Flouorene (C16.55)	9.394	7311977	45.878 ug/ml
9) T Phenanthrene (C19.36)	10.784	7387359	47.073 ug/ml
10) T Anthracene (C19.43)	10.858	7210766	57.342 ug/ml
12) T Fluoranthene (C21.85)	12.585	7405766	47.160 ug/ml
13) T Pyrene (C20.8)	12.881	7283023	47.576 ug/ml
14) T Benzo[a]anthracene (C...	14.743	7021785	49.384 ug/ml
15) T Chrysene (C27.41)	14.787	7569198	49.916 ug/ml
16) T benzo[b]fluoranthene ...	16.284	7053025	46.897 ug/ml
17) T Bnezo[k]fluoranthene ...	16.318	6542469	43.184 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.660	6073454	41.862 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.013	5321398	37.630 ug/ml
20) T Dibenz[a,h]anthracene...	18.054	5510559	37.592 ug/ml
21) T Benzo[g,h,i]perylene ...	18.268	5373036	37.823 ug/ml

(f)=RT Delta > 1/2 Window

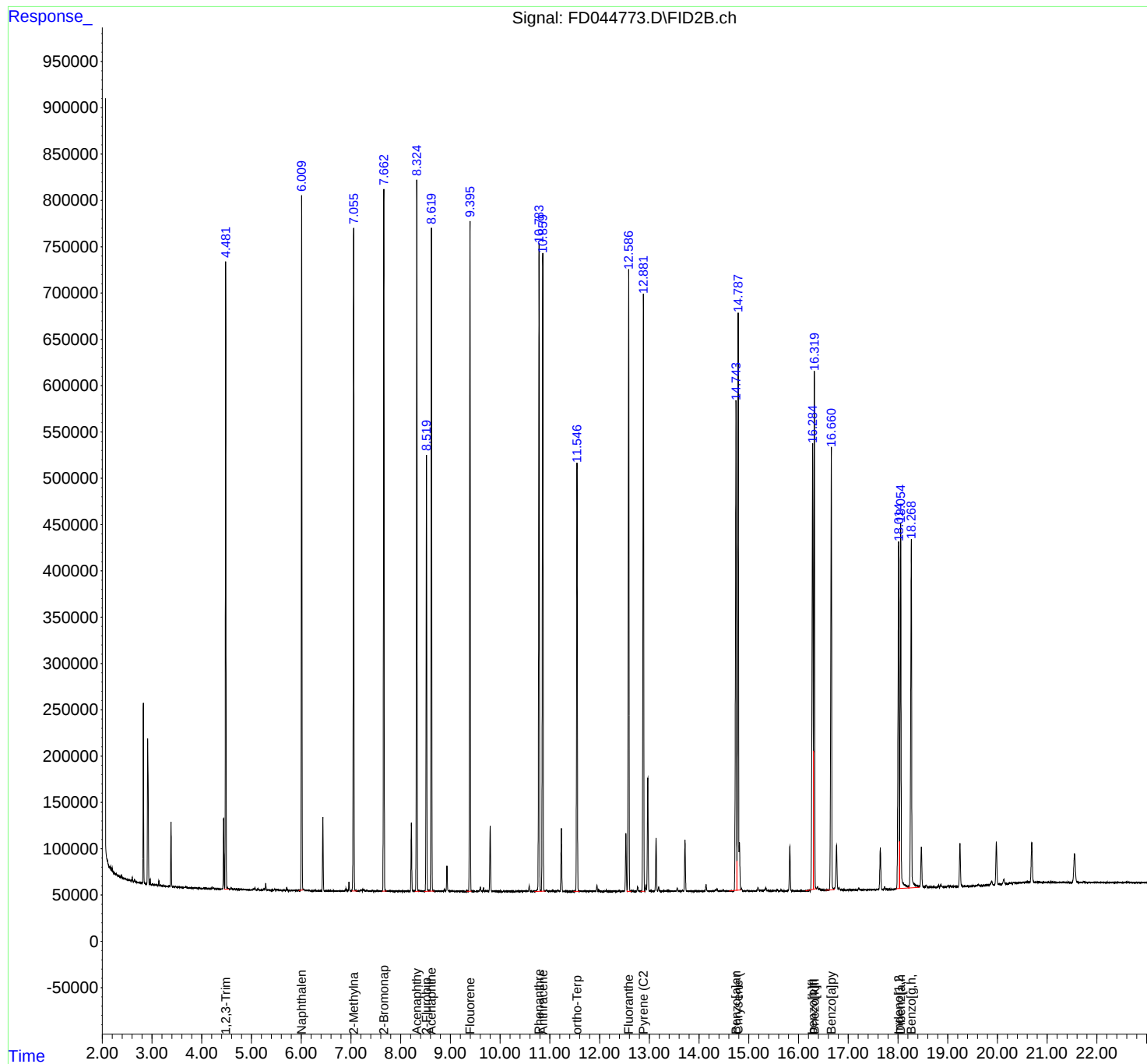
(m)=manual int.

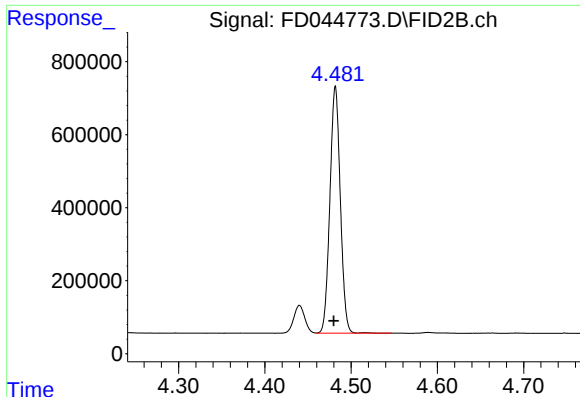
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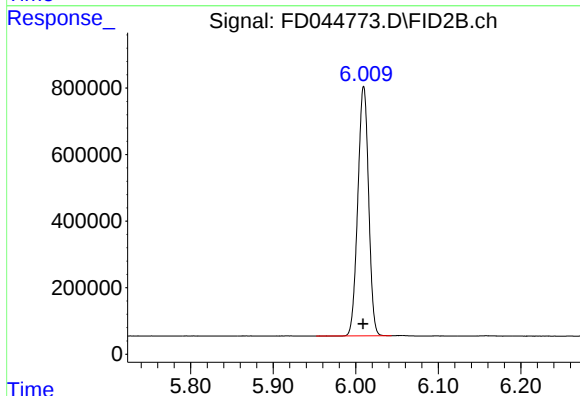




#1 1,2,3-Trimethylbenzene (C10.1)

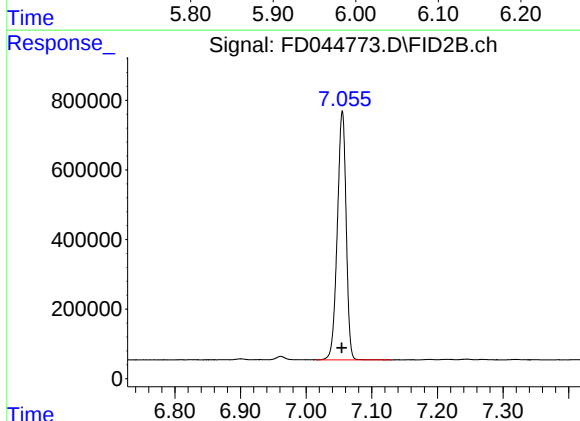
R.T.: 4.482 min
Delta R.T.: 0.002 min
Response: 5682985
Conc: 35.32 ug/ml

Instrument :
FID_D
ClientSampleId :



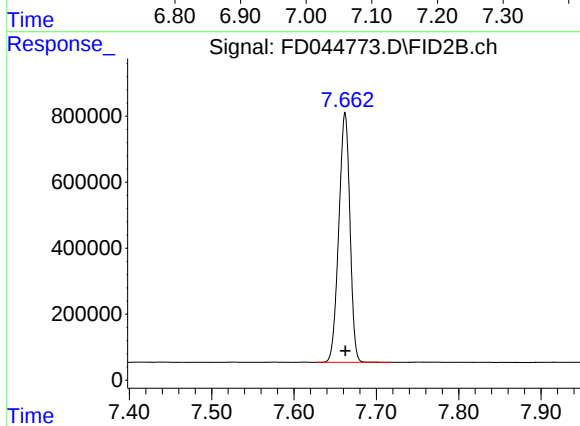
#2 Naphthalene (C11.7)

R.T.: 6.010 min
Delta R.T.: 0.000 min
Response: 6814039
Conc: 40.60 ug/ml



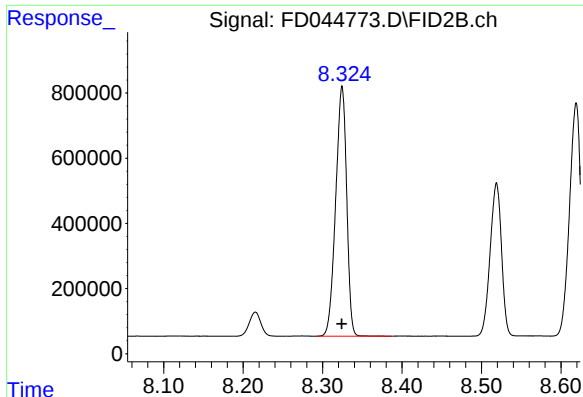
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.055 min
Delta R.T.: 0.000 min
Response: 6689322
Conc: 39.78 ug/ml



#4 2-Bromonaphthalene (SURR)

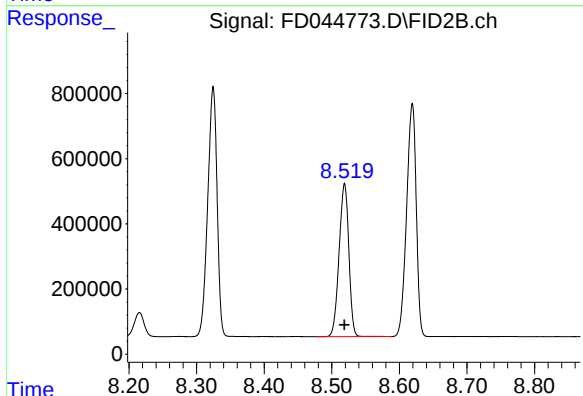
R.T.: 7.662 min
Delta R.T.: 0.000 min
Response: 7104039
Conc: 49.26 ug/ml



#5 Acenaphthylene (C15.06)

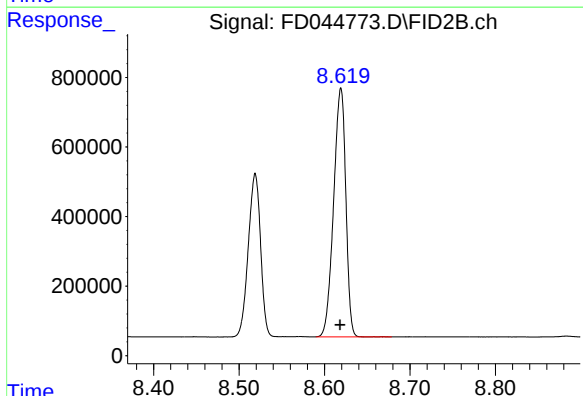
R.T.: 8.324 min
Delta R.T.: 0.000 min
Response: 7376512
Conc: 48.63 ug/ml

Instrument :
FID_D
ClientSampleId :



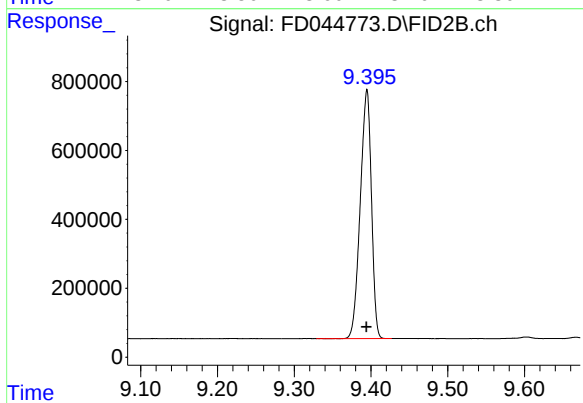
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.519 min
Delta R.T.: 0.000 min
Response: 4705682
Conc: 48.48 ug/ml



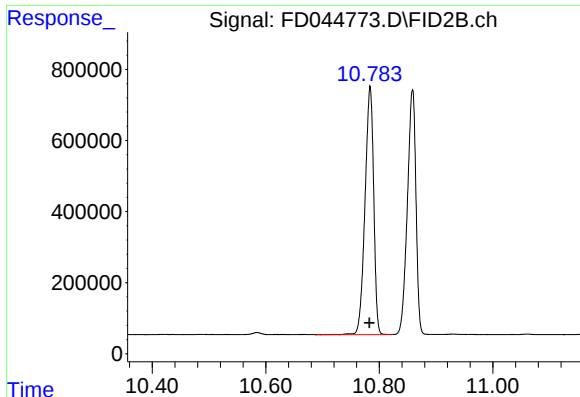
#7 Acenaphthene (C15.5)

R.T.: 8.619 min
Delta R.T.: 0.000 min
Response: 7077399
Conc: 43.66 ug/ml



#8 Fluorene (C16.55)

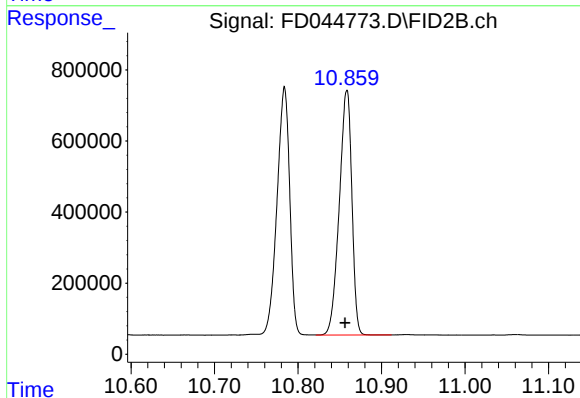
R.T.: 9.394 min
Delta R.T.: 0.000 min
Response: 7311977
Conc: 45.88 ug/ml



#9 Phenanthrene (C19.36)

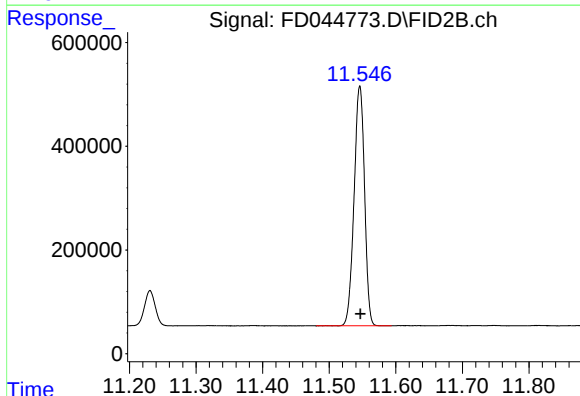
R.T.: 10.784 min
Delta R.T.: 0.000 min
Response: 7387359
Conc: 47.07 ug/ml

Instrument :
FID_D
ClientSampleId :



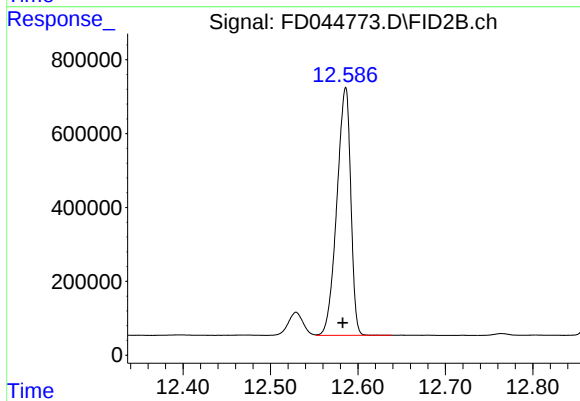
#10 Anthracene (C19.43)

R.T.: 10.858 min
Delta R.T.: 0.002 min
Response: 7210766
Conc: 57.34 ug/ml



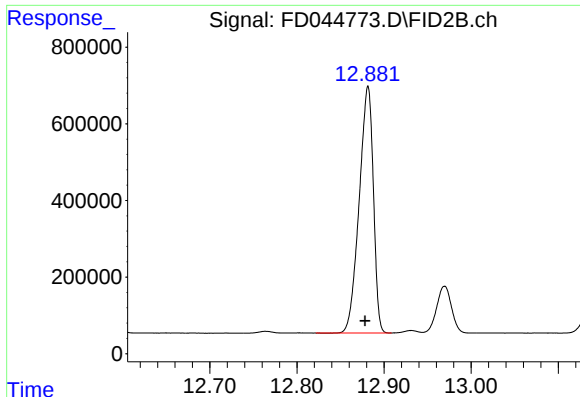
#11 ortho-Terphenyl (SURR)

R.T.: 11.546 min
Delta R.T.: -0.001 min
Response: 5046644
Conc: 28.01 ug/ml



#12 Fluoranthene (C21.85)

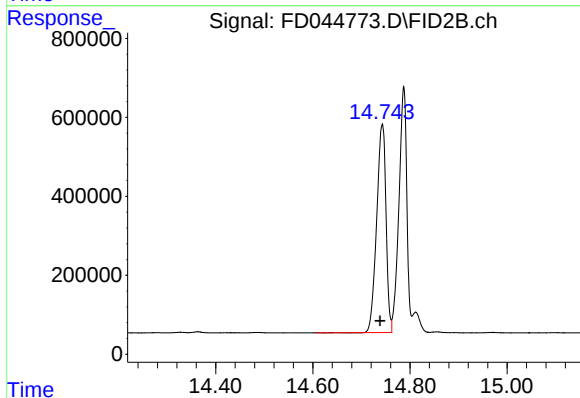
R.T.: 12.585 min
Delta R.T.: 0.003 min
Response: 7405766
Conc: 47.16 ug/ml



#13 Pyrene (C20.8)

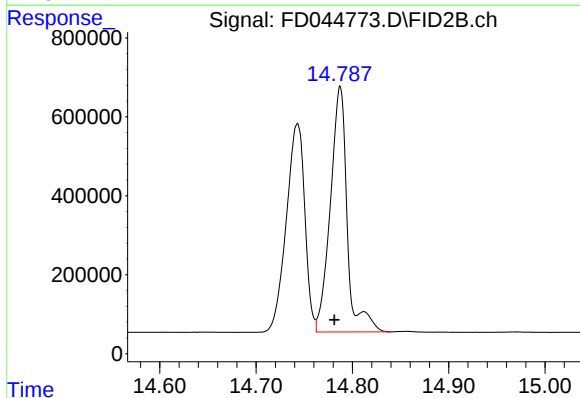
R.T.: 12.881 min
Delta R.T.: 0.003 min
Response: 7283023
Conc: 47.58 ug/ml

Instrument :
FID_D
ClientSampleId :



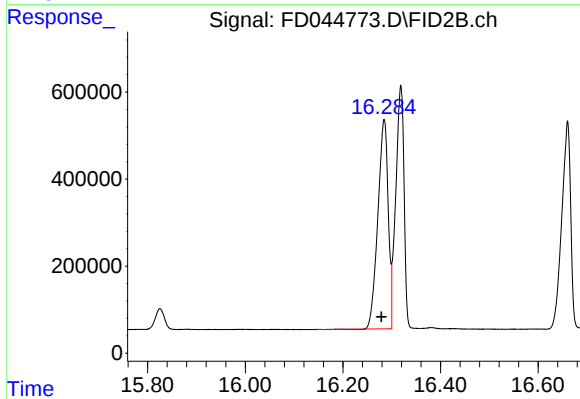
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.743 min
Delta R.T.: 0.004 min
Response: 7021785
Conc: 49.38 ug/ml



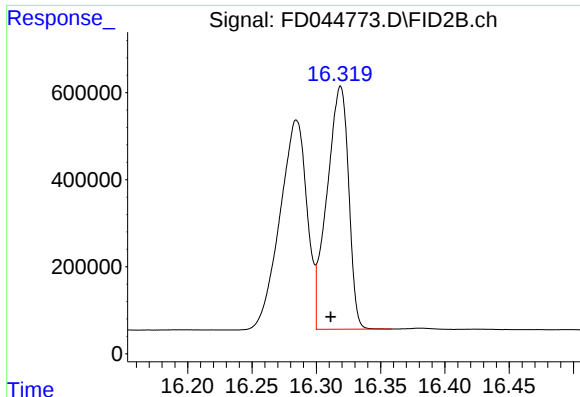
#15 Chrysene (C27.41)

R.T.: 14.787 min
Delta R.T.: 0.006 min
Response: 7569198
Conc: 49.92 ug/ml



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

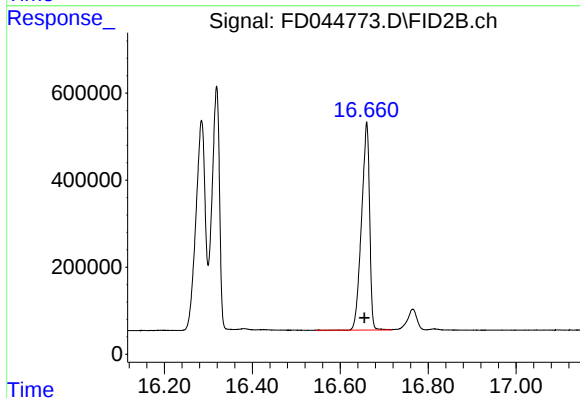
R.T.: 16.284 min
Delta R.T.: 0.005 min
Response: 7053025
Conc: 46.90 ug/ml



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

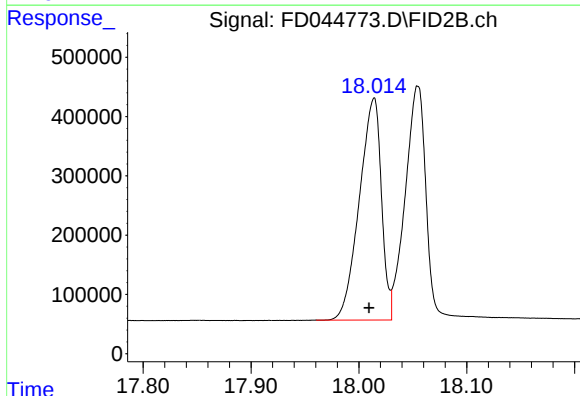
R.T.: 16.318 min
Delta R.T.: 0.007 min
Response: 6542469
Conc: 43.18 ug/ml

Instrument :
FID_D
ClientSampleId :



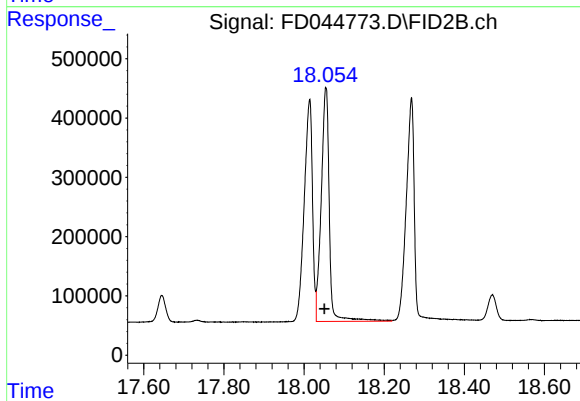
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.660 min
Delta R.T.: 0.005 min
Response: 6073454
Conc: 41.86 ug/ml



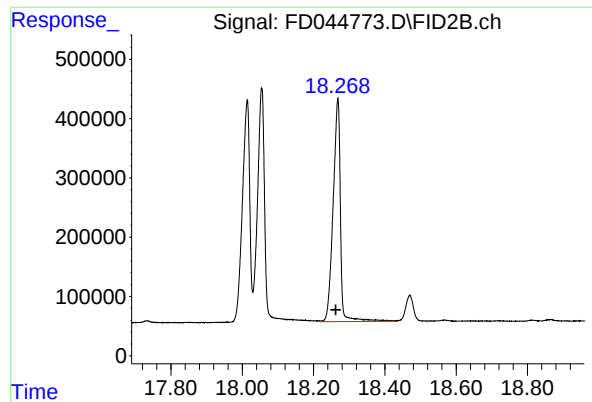
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.013 min
Delta R.T.: 0.004 min
Response: 5321398
Conc: 37.63 ug/ml



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

R.T.: 18.054 min
Delta R.T.: 0.003 min
Response: 5510559
Conc: 37.59 ug/ml



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

R.T.: 18.268 min
Delta R.T.: 0.006 min
Response: 5373036
Conc: 37.82 ug/ml

Instrument :

FID_D

ClientSampleId :