

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD110325AR\
 Data File : FD049871.D
 Signal(s) : FID2B.ch
 Acq On : 03 Nov 2025 12:10
 Operator : YP/AJ
 Sample : IDOC-01
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 IDOC-01

Integration File: autoint1.e
 Quant Time: Nov 04 02:35:33 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 103025.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 30 16:29:26 2025
 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...	7.697	4779673	43.065 ug/ml
Spiked Amount 50.000		Recovery =	86.13%
6) S 2-Fluorobiphenyl (SURR)	8.562	3320357	42.384 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	84.77%
11) S ortho-Terphenyl (SURR)	11.609	6655333	47.008 ug/ml
Spiked Amount 50.000		Recovery =	94.02%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.489	3845189	35.036 ug/ml
2) T Naphthalene (C11.7)	6.032	4738809	38.136 ug/ml
3) T 2-Methylnaphthalene (...)	7.087	4725321	36.530 ug/ml
5) T Acenaphthylene (C15.06)	8.365	5669289	41.630 ug/ml
7) T Acenaphthene (C15.5)	8.663	5754903	42.216 ug/ml
8) T Flouorene (C16.55)	9.444	6113910	44.964 ug/ml
9) T Phenanthrene (C19.36)	10.843	6407840	46.339 ug/ml
10) T Anthracene (C19.43)	10.918	5839161	45.786 ug/ml
12) T Fluoranthene (C21.85)	12.658	6638853	47.738 ug/ml
13) T Pyrene (C20.8)	12.956	6689341	48.220 ug/ml
14) T Benzo[a]anthracene (C...	14.828	6037384	47.748 ug/ml
15) T Chrysene (C27.41)	14.872	6712546	51.162 ug/ml
16) T benzo[b]fluoranthene ...	16.380	6041303	46.901 ug/ml
17) T Bnezo[k]fluoranthene ...	16.415	5888306	48.375 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.759	5736469	45.807 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.125	5933382	51.558 ug/ml
20) T Dibenz[a,h]anthracene...	18.164	5683355	43.892 ug/ml
21) T Benzo[g,h,i]perylene ...	18.381	5364893	42.650 ug/ml

(f)=RT Delta > 1/2 Window

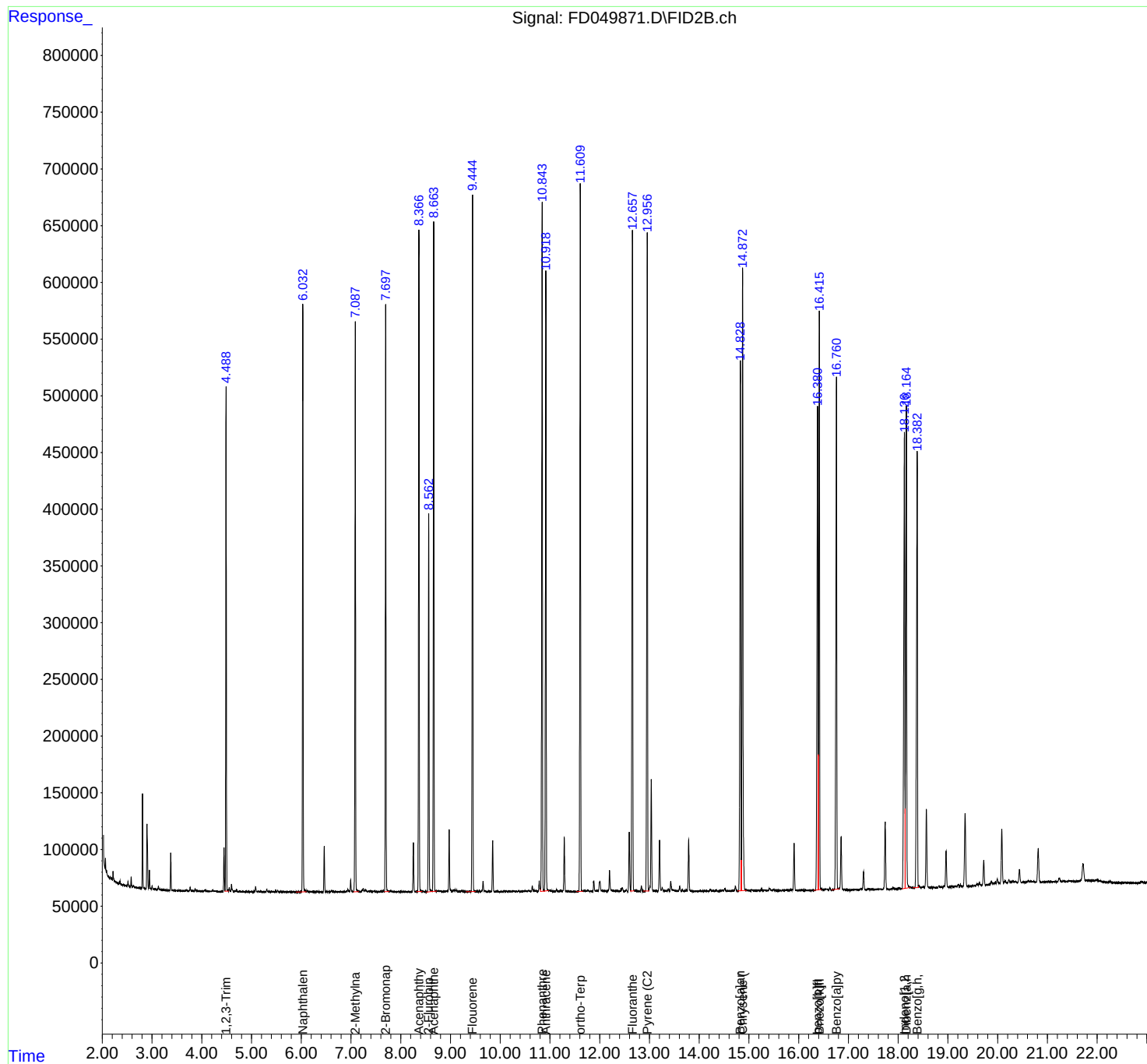
(m)=manual int.

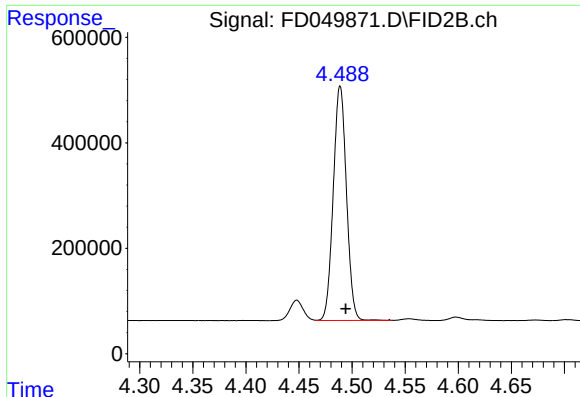
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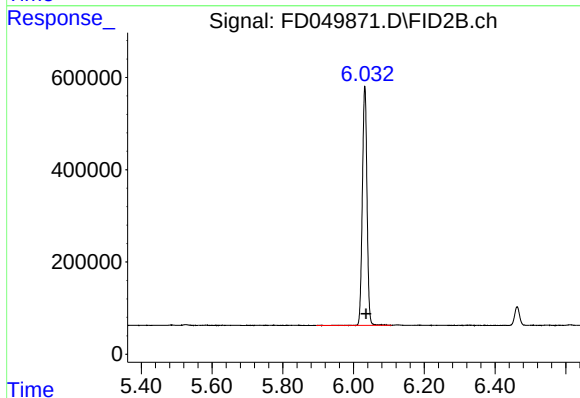




#1 1,2,3-Trimethylbenzene (C10.1)

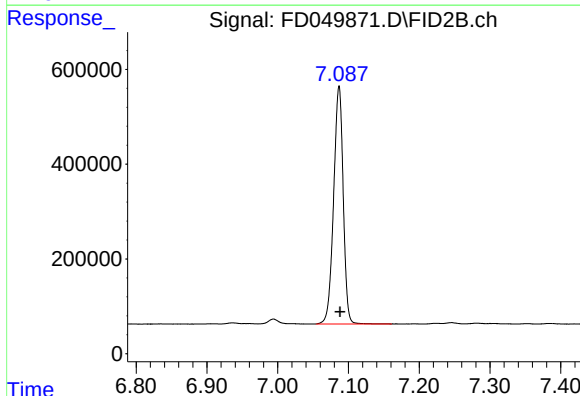
R.T.: 4.489 min
Delta R.T.: -0.005 min
Response: 3845189
Conc: 35.04 ug/ml

Instrument :
FID_D
ClientSampleId :
IDOC-01



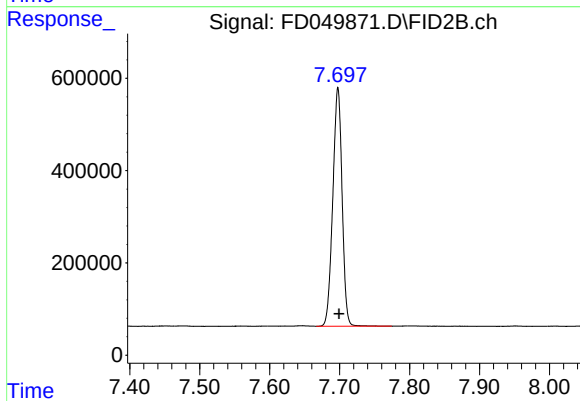
#2 Naphthalene (C11.7)

R.T.: 6.032 min
Delta R.T.: -0.003 min
Response: 4738809
Conc: 38.14 ug/ml



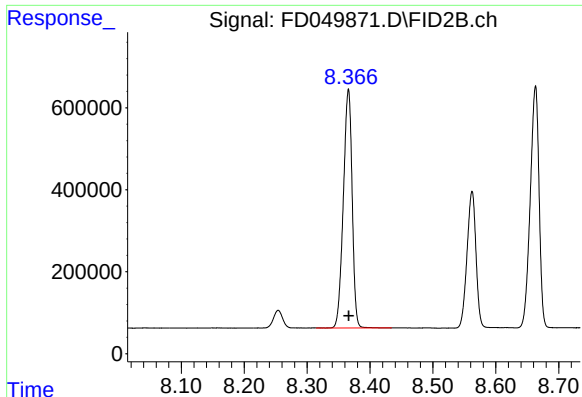
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.087 min
Delta R.T.: -0.002 min
Response: 4725321
Conc: 36.53 ug/ml



#4 2-Bromonaphthalene (SURR)

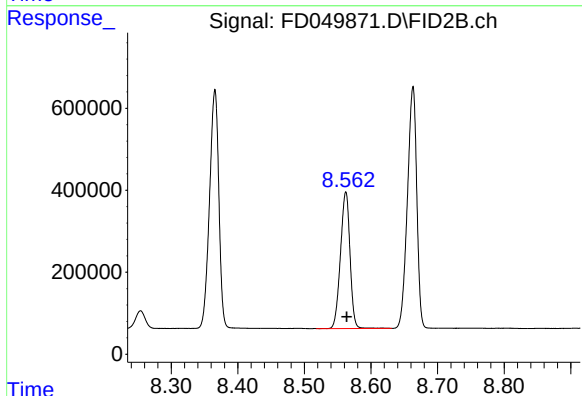
R.T.: 7.697 min
Delta R.T.: -0.002 min
Response: 4779673
Conc: 43.06 ug/ml



#5 Acenaphthylene (C15.06)

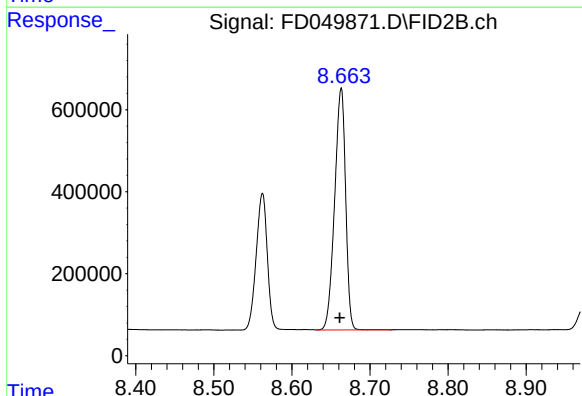
R.T.: 8.365 min
Delta R.T.: 0.000 min
Response: 5669289
Conc: 41.63 ug/ml

Instrument :
FID_D
ClientSampleId :
IDOC-01



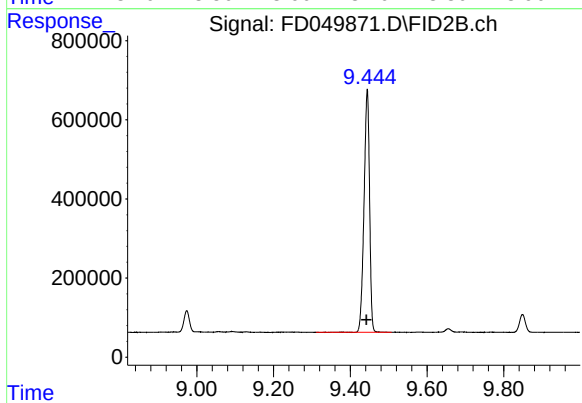
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.562 min
Delta R.T.: -0.002 min
Response: 3320357
Conc: 42.38 ug/ml



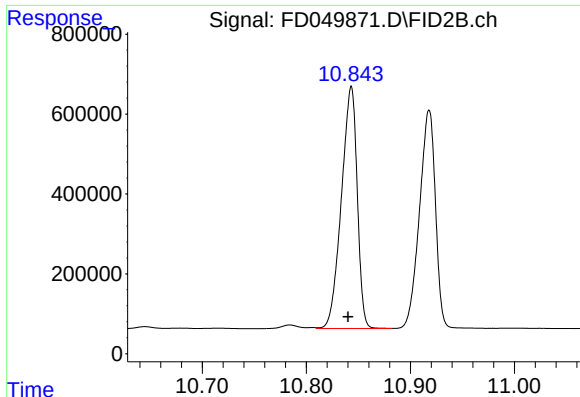
#7 Acenaphthene (C15.5)

R.T.: 8.663 min
Delta R.T.: 0.001 min
Response: 5754903
Conc: 42.22 ug/ml



#8 Flouorene (C16.55)

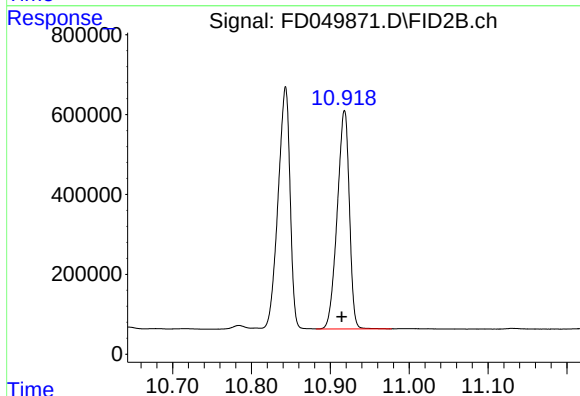
R.T.: 9.444 min
Delta R.T.: 0.001 min
Response: 6113910
Conc: 44.96 ug/ml



#9 Phenanthrene (C19.36)

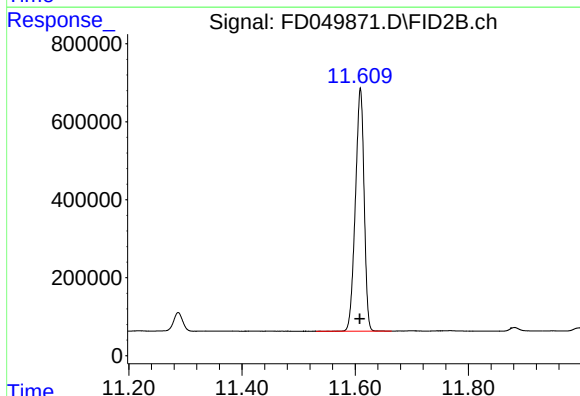
R.T.: 10.843 min
Delta R.T.: 0.003 min
Response: 6407840
Conc: 46.34 ug/ml

Instrument :
FID_D
ClientSampleId :
IDOC-01



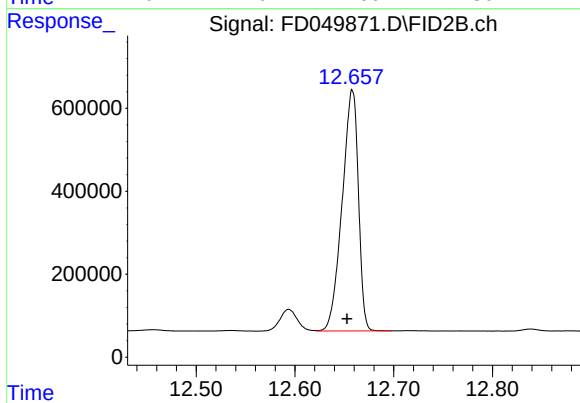
#10 Anthracene (C19.43)

R.T.: 10.918 min
Delta R.T.: 0.003 min
Response: 5839161
Conc: 45.79 ug/ml



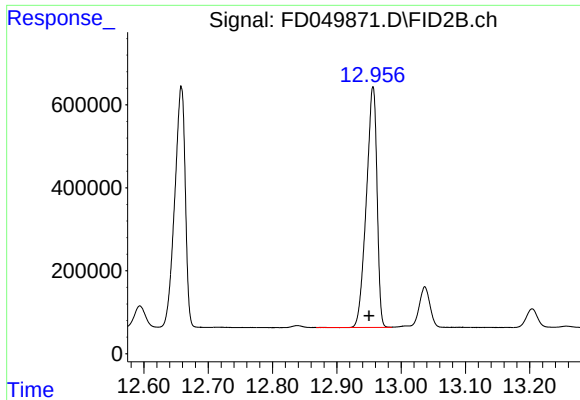
#11 ortho-Terphenyl (SURR)

R.T.: 11.609 min
Delta R.T.: 0.001 min
Response: 6655333
Conc: 47.01 ug/ml



#12 Fluoranthene (C21.85)

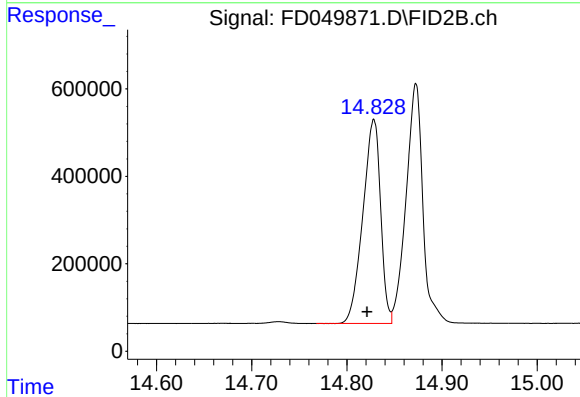
R.T.: 12.658 min
Delta R.T.: 0.005 min
Response: 6638853
Conc: 47.74 ug/ml



#13 Pyrene (C20.8)

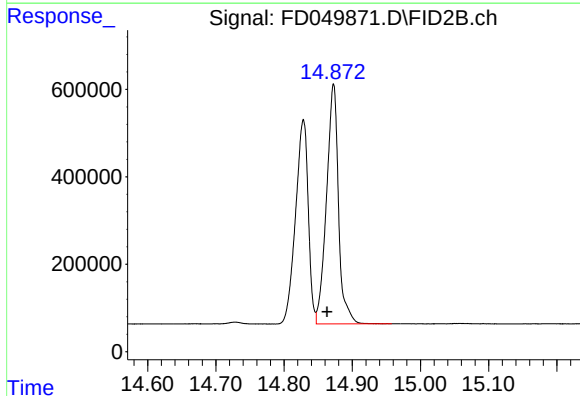
R.T.: 12.956 min
Delta R.T.: 0.006 min
Response: 6689341
Conc: 48.22 ug/ml

Instrument :
FID_D
ClientSampleId :
IDOC-01



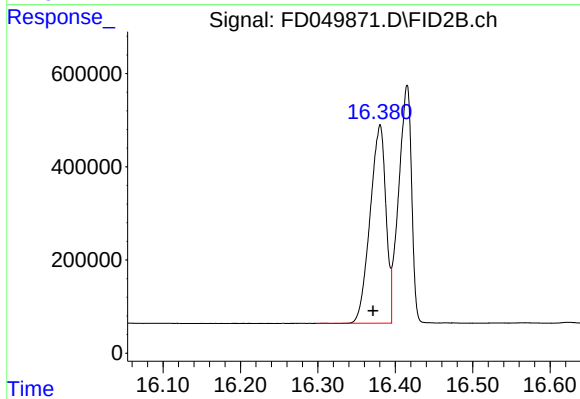
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.828 min
Delta R.T.: 0.007 min
Response: 6037384
Conc: 47.75 ug/ml



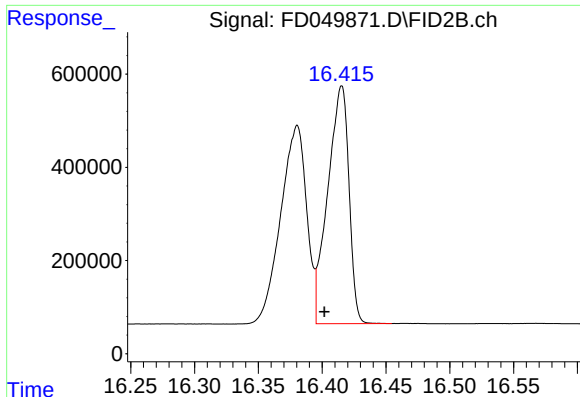
#15 Chrysene (C27.41)

R.T.: 14.872 min
Delta R.T.: 0.009 min
Response: 6712546
Conc: 51.16 ug/ml



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

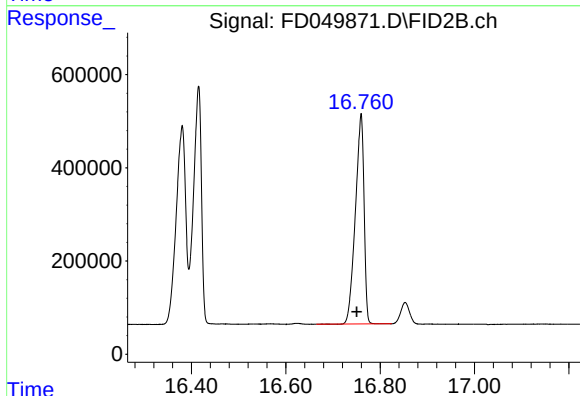
R.T.: 16.380 min
Delta R.T.: 0.008 min
Response: 6041303
Conc: 46.90 ug/ml



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

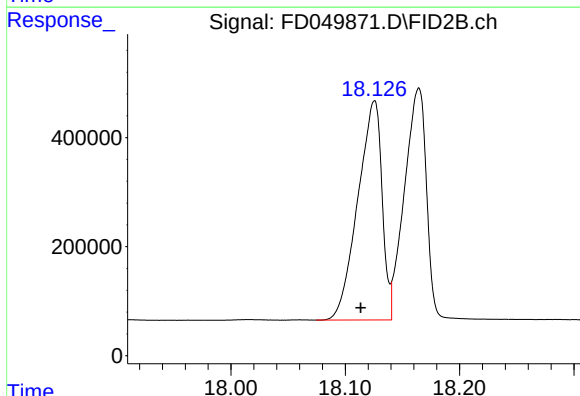
R.T.: 16.415 min
Delta R.T.: 0.013 min
Response: 5888306
Conc: 48.38 ug/ml

Instrument :
FID_D
ClientSampleId :
IDOC-01



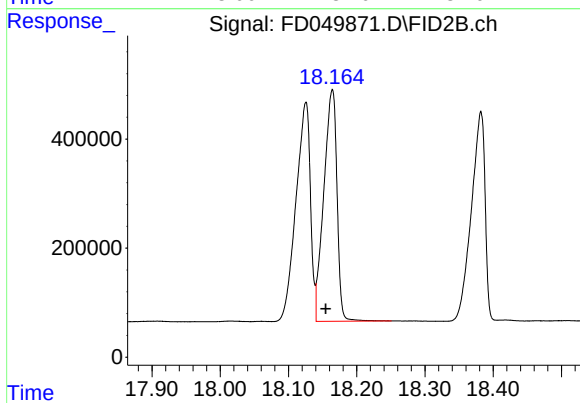
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.759 min
Delta R.T.: 0.009 min
Response: 5736469
Conc: 45.81 ug/ml



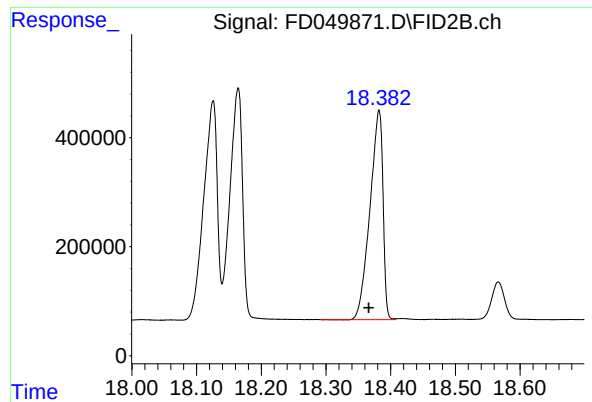
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.125 min
Delta R.T.: 0.011 min
Response: 5933382
Conc: 51.56 ug/ml



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

R.T.: 18.164 min
Delta R.T.: 0.009 min
Response: 5683355
Conc: 43.89 ug/ml



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

R.T.: 18.381 min
Delta R.T.: 0.015 min
Response: 5364893
Conc: 42.65 ug/ml

Instrument :
FID_D
ClientSampleId :
IDOC-01