

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD103125AR\
 Data File : FD049863.D
 Signal(s) : FID2B.ch
 Acq On : 31 Oct 2025 12:06
 Operator : YP/AJ
 Sample : PB170345BSD
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Nov 01 05:25:04 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...	7.700	4113750	37.065 ug/ml
Spiked Amount 50.000		Recovery =	74.13%
6) S 2-Fluorobiphenyl (SURR)	8.565	2867794	36.607 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	73.21%
11) S ortho-Terphenyl (SURR)	11.613	5746287	40.588 ug/ml
Spiked Amount 50.000		Recovery =	81.18%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.493	3397573	30.957 ug/ml
2) T Naphthalene (C11.7)	6.036	4112863	33.099 ug/ml
3) T 2-Methylnaphthalene (...)	7.089	4082896	31.564 ug/ml
5) T Acenaphthylene (C15.06)	8.369	4897158	35.961 ug/ml
7) T Acenaphthene (C15.5)	8.665	4972014	36.473 ug/ml
8) T Flouorene (C16.55)	9.447	5293257	38.929 ug/ml
9) T Phenanthrene (C19.36)	10.846	5626801	40.691 ug/ml
10) T Anthracene (C19.43)	10.921	5183049	40.641 ug/ml
12) T Fluoranthene (C21.85)	12.661	5912915	42.518 ug/ml
13) T Pyrene (C20.8)	12.959	5973038	43.056 ug/ml
14) T Benzo[a]anthracene (C...	14.832	5519478	43.652 ug/ml
15) T Chrysene (C27.41)	14.876	6096540	46.467 ug/ml
16) T benzo[b]fluoranthene ...	16.385	5499250	42.692 ug/ml
17) T Bnezo[k]fluoranthene ...	16.385	5499250	45.179 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.764	5283640	42.191 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.132	5483532	47.649 ug/ml
20) T Dibenz[a,h]anthracene...	18.170	5256078	40.592 ug/ml
21) T Benzo[g,h,i]perylene ...	18.387	4952449	39.371 ug/ml

(f)=RT Delta > 1/2 Window

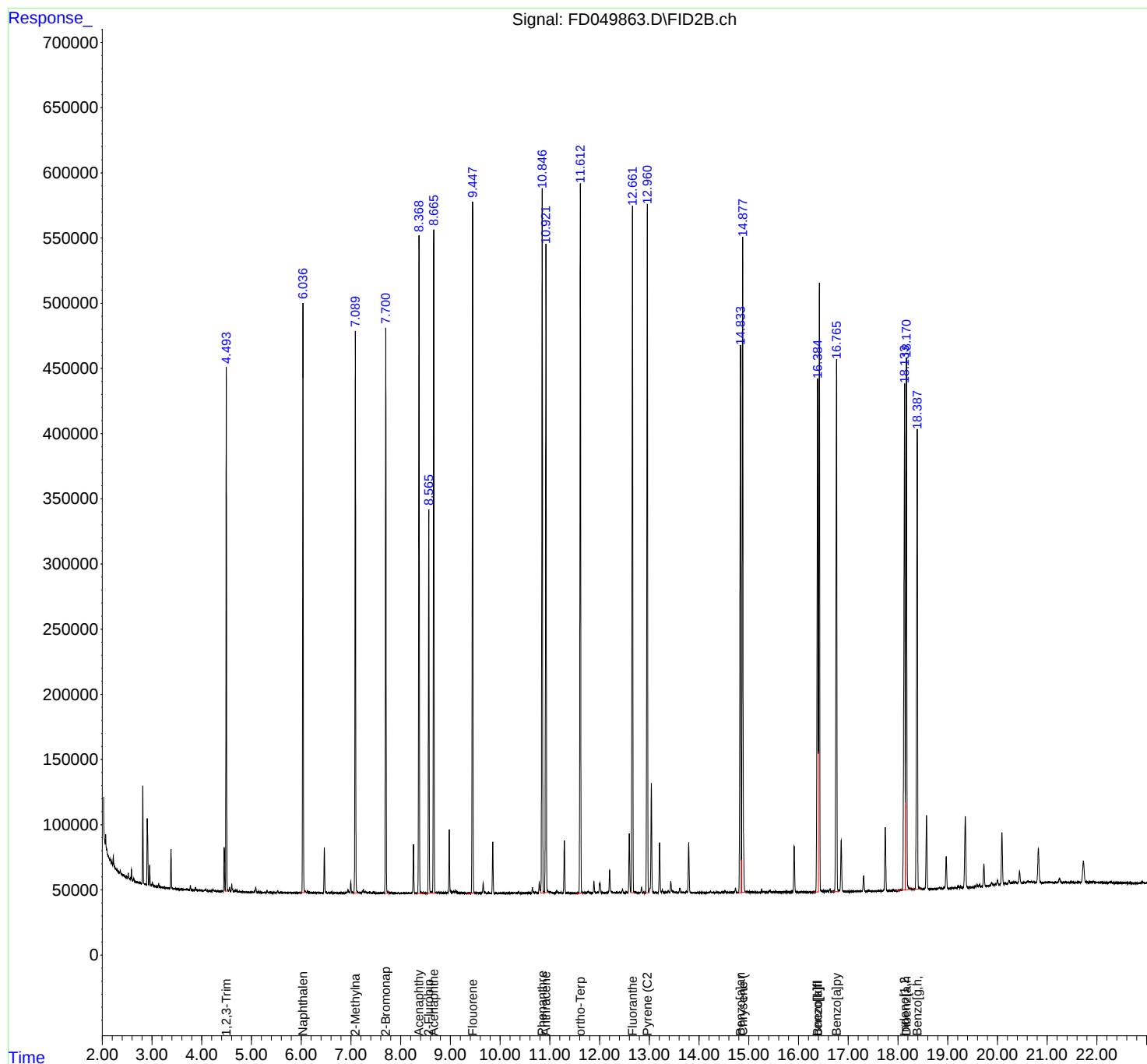
(m)=manual int.

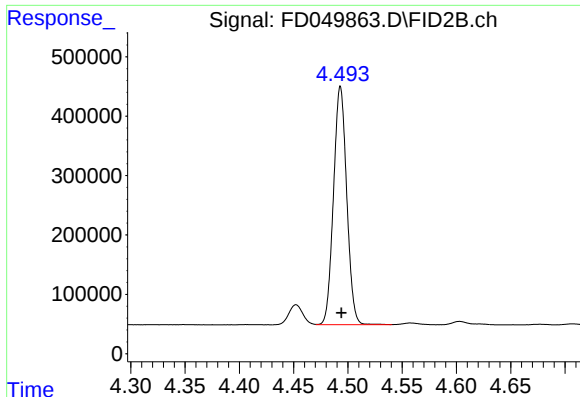
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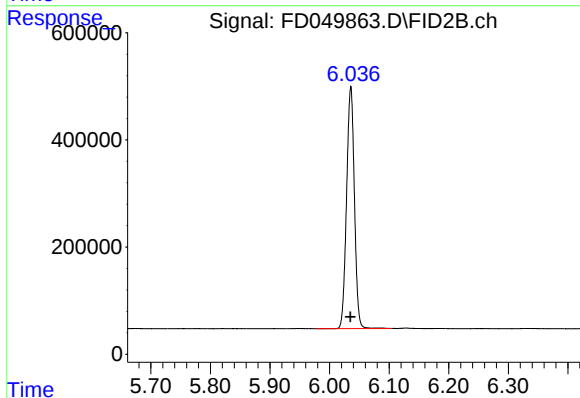




#1 1,2,3-Trimethylbenzene (C10.1)

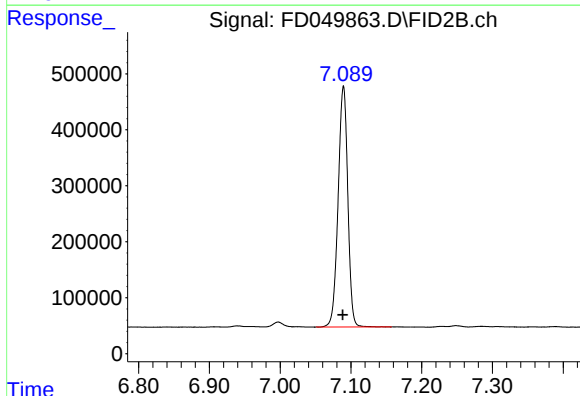
R.T.: 4.493 min
Delta R.T.: 0.000 min
Response: 3397573
Conc: 30.96 ug/ml

Instrument :
FID_E
ClientSampleId :



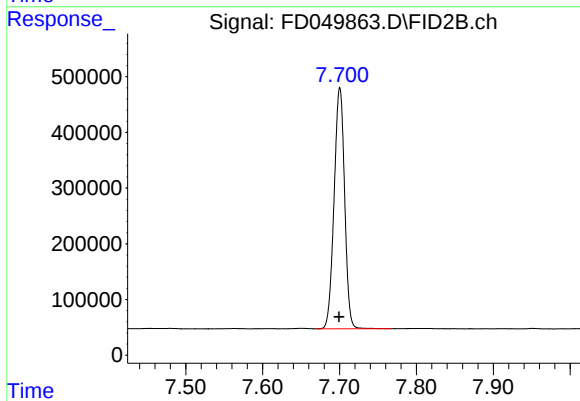
#2 Naphthalene (C11.7)

R.T.: 6.036 min
Delta R.T.: 0.000 min
Response: 4112863
Conc: 33.10 ug/ml



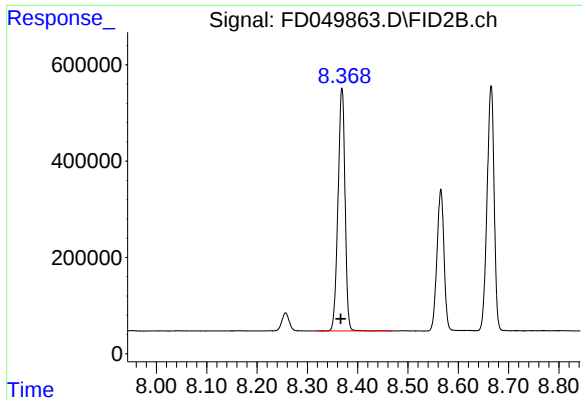
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.089 min
Delta R.T.: 0.001 min
Response: 4082896
Conc: 31.56 ug/ml



#4 2-Bromonaphthalene (SURR)

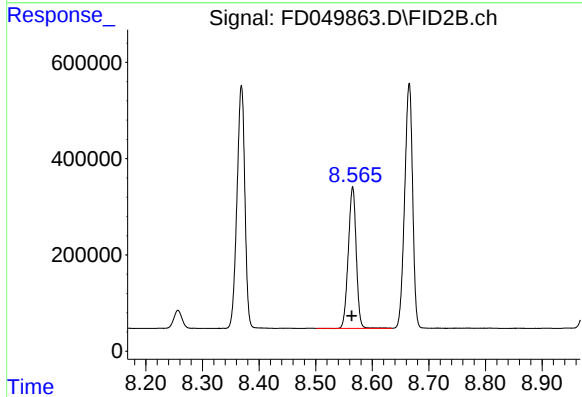
R.T.: 7.700 min
Delta R.T.: 0.001 min
Response: 4113750
Conc: 37.06 ug/ml



#5 Acenaphthylene (C15.06)

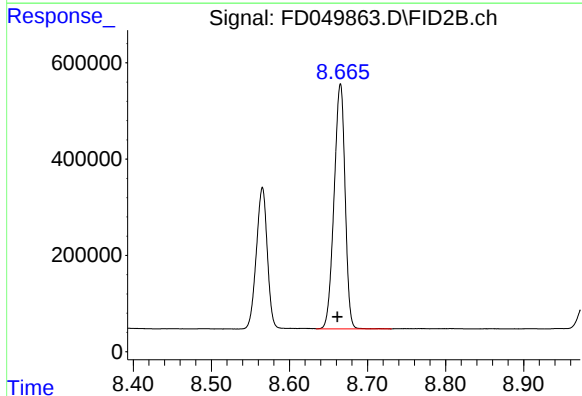
R.T.: 8.369 min
Delta R.T.: 0.003 min
Response: 4897158
Conc: 35.96 ug/ml

Instrument :
FID_E
ClientSampleId :



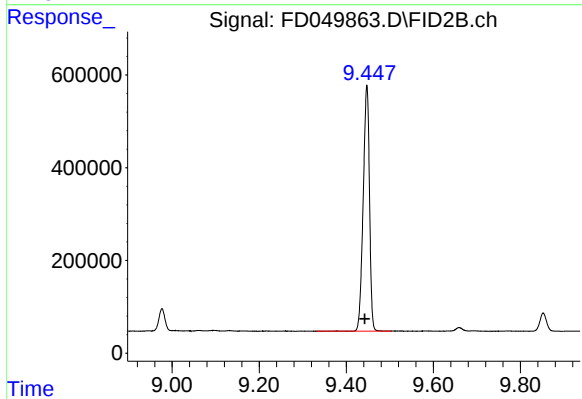
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.565 min
Delta R.T.: 0.002 min
Response: 2867794
Conc: 36.61 ug/ml



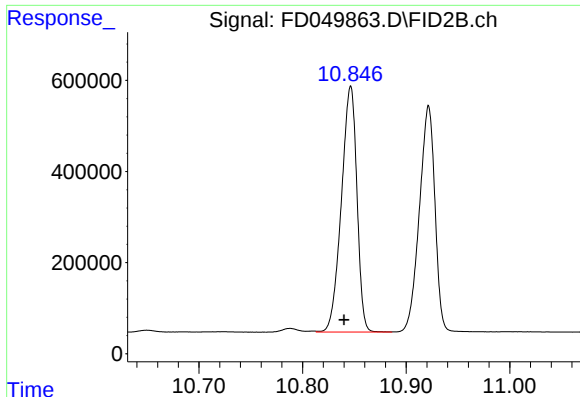
#7 Acenaphthene (C15.5)

R.T.: 8.665 min
Delta R.T.: 0.004 min
Response: 4972014
Conc: 36.47 ug/ml



#8 Fluorene (C16.55)

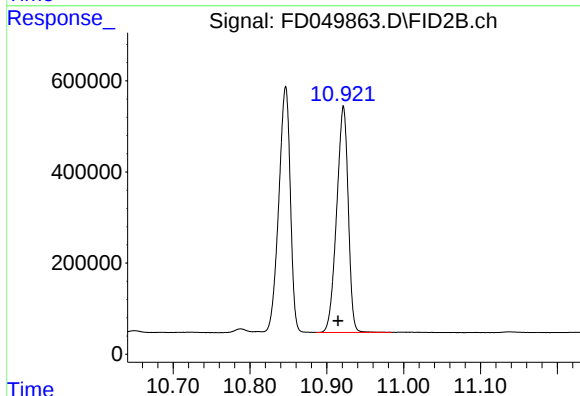
R.T.: 9.447 min
Delta R.T.: 0.005 min
Response: 5293257
Conc: 38.93 ug/ml



#9 Phenanthrene (C19.36)

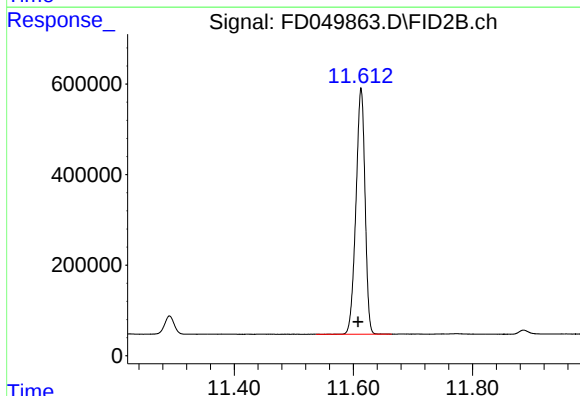
R.T.: 10.846 min
Delta R.T.: 0.006 min
Response: 5626801
Conc: 40.69 ug/ml

Instrument :
FID_E
ClientSampleId :



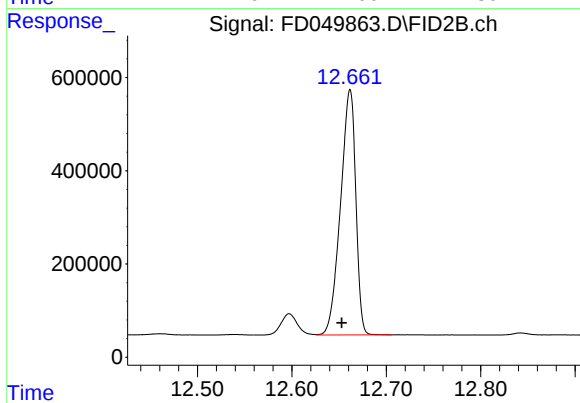
#10 Anthracene (C19.43)

R.T.: 10.921 min
Delta R.T.: 0.007 min
Response: 5183049
Conc: 40.64 ug/ml



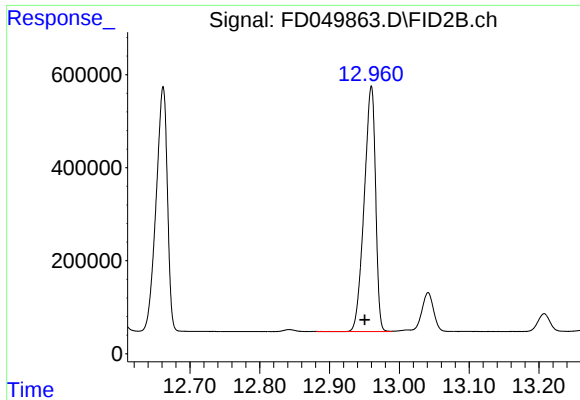
#11 ortho-Terphenyl (SURR)

R.T.: 11.613 min
Delta R.T.: 0.005 min
Response: 5746287
Conc: 40.59 ug/ml



#12 Fluoranthene (C21.85)

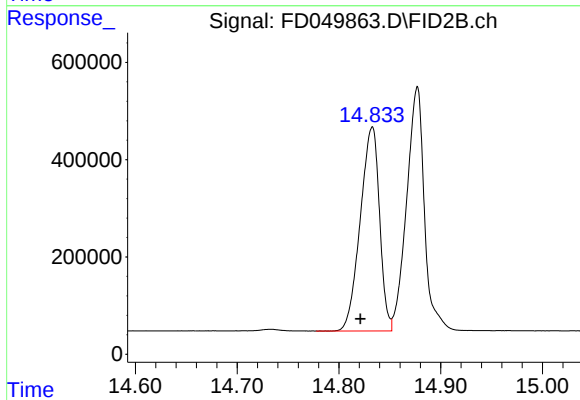
R.T.: 12.661 min
Delta R.T.: 0.008 min
Response: 5912915
Conc: 42.52 ug/ml



#13 Pyrene (C20.8)

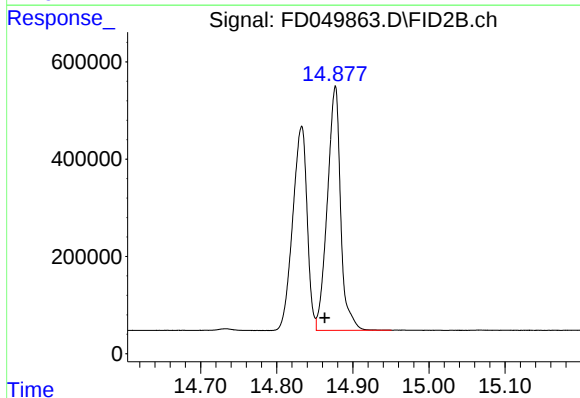
R.T.: 12.959 min
Delta R.T.: 0.009 min
Response: 5973038
Conc: 43.06 ug/ml

Instrument :
FID_E
ClientSampleId :



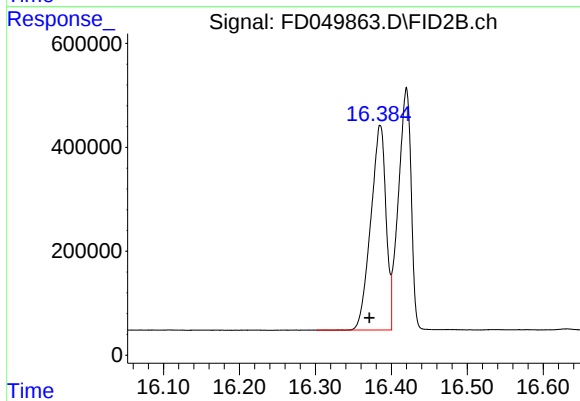
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.832 min
Delta R.T.: 0.011 min
Response: 5519478
Conc: 43.65 ug/ml



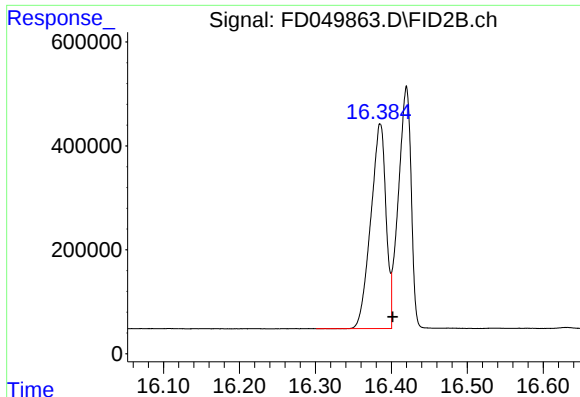
#15 Chrysene (C27.41)

R.T.: 14.876 min
Delta R.T.: 0.014 min
Response: 6096540
Conc: 46.47 ug/ml



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

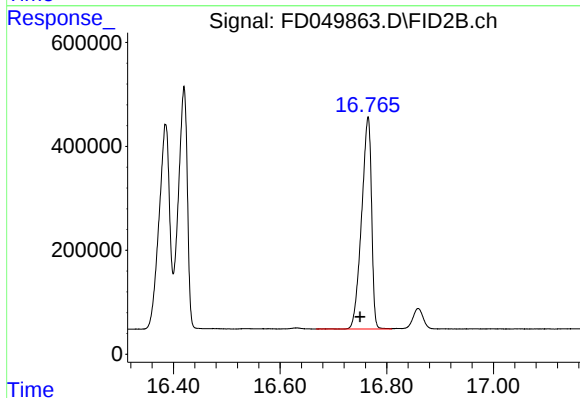
R.T.: 16.385 min
Delta R.T.: 0.014 min
Response: 5499250
Conc: 42.69 ug/ml



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

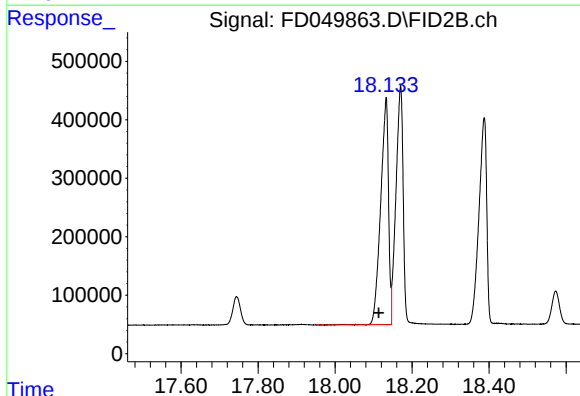
R.T.: 16.385 min
Delta R.T.: -0.017 min
Response: 5499250
Conc: 45.18 ug/ml

Instrument :
FID_E
ClientSampleId :



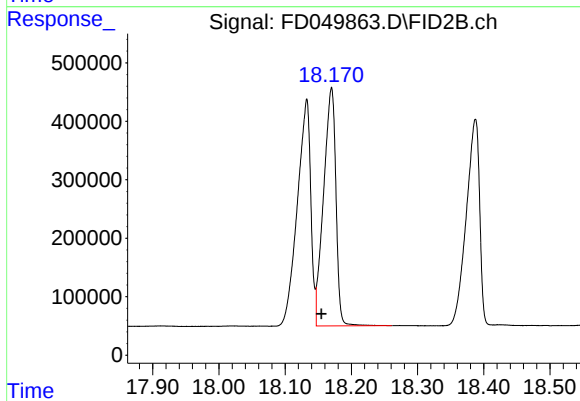
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.764 min
Delta R.T.: 0.014 min
Response: 5283640
Conc: 42.19 ug/ml



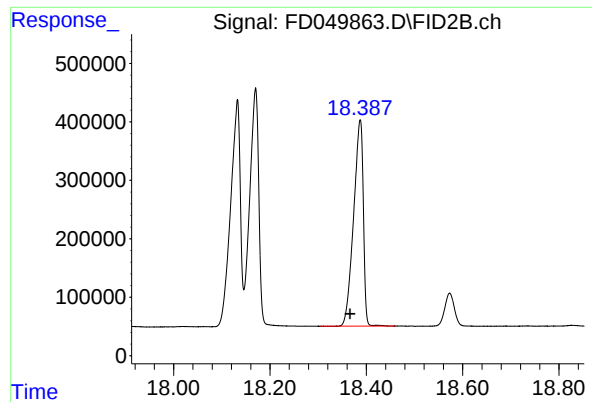
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.132 min
Delta R.T.: 0.018 min
Response: 5483532
Conc: 47.65 ug/ml



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

R.T.: 18.170 min
Delta R.T.: 0.015 min
Response: 5256078
Conc: 40.59 ug/ml



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

R.T.: 18.387 min
Delta R.T.: 0.020 min
Response: 4952449
Conc: 39.37 ug/ml

Instrument :

FID_E

ClientSampleId :