

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD110325AR\
 Data File : FD049872.D
 Signal(s) : FID2B.ch
 Acq On : 03 Nov 2025 12:49
 Operator : YP/AJ
 Sample : IDOC-02
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 IDOC-02

Integration File: autoint1.e
 Quant Time: Nov 04 02:36:03 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 : Rx1-1ms
 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	4724617	42.569 ug/ml
Spiked Amount 50.000		Recovery =	85.14%
6) S 2-Fluorobiphenyl (SURR)	8.564	3254843	41.548 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	83.10%
11) S ortho-Terphenyl (SURR)	11.611	6536727	46.171 ug/ml
Spiked Amount 50.000		Recovery =	92.34%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.493	3787916	34.514 ug/ml
2) T Naphthalene (C11.7)	6.035	4681289	37.673 ug/ml
3) T 2-Methylnaphthalene (...)	7.089	4674140	36.135 ug/ml
5) T Acenaphthylene (C15.06)	8.368	5608001	41.180 ug/ml
7) T Acenaphthene (C15.5)	8.664	5687245	41.720 ug/ml
8) T Fluorene (C16.55)	9.446	6033488	44.373 ug/ml
9) T Phenanthrene (C19.36)	10.844	6305624	45.600 ug/ml
10) T Anthracene (C19.43)	10.919	5762597	45.185 ug/ml
12) T Fluoranthene (C21.85)	12.659	6531192	46.963 ug/ml
13) T Pyrene (C20.8)	12.956	6564843	47.322 ug/ml
14) T Benzo[a]anthracene (C...	14.829	5949011	47.049 ug/ml
15) T Chrysene (C27.41)	14.873	6611368	50.390 ug/ml
16) T benzo[b]fluoranthene ...	16.380	5928750	46.027 ug/ml
17) T Bnezo[k]fluoranthene ...	16.415	5815788	47.779 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.760	5666000	45.244 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.126	5857633	50.899 ug/ml
20) T Dibenz[a,h]anthracene...	18.164	5659432	43.707 ug/ml
21) T Benzo[g,h,i]perylene ...	18.381	5271742	41.910 ug/ml

(f)=RT Delta > 1/2 Window

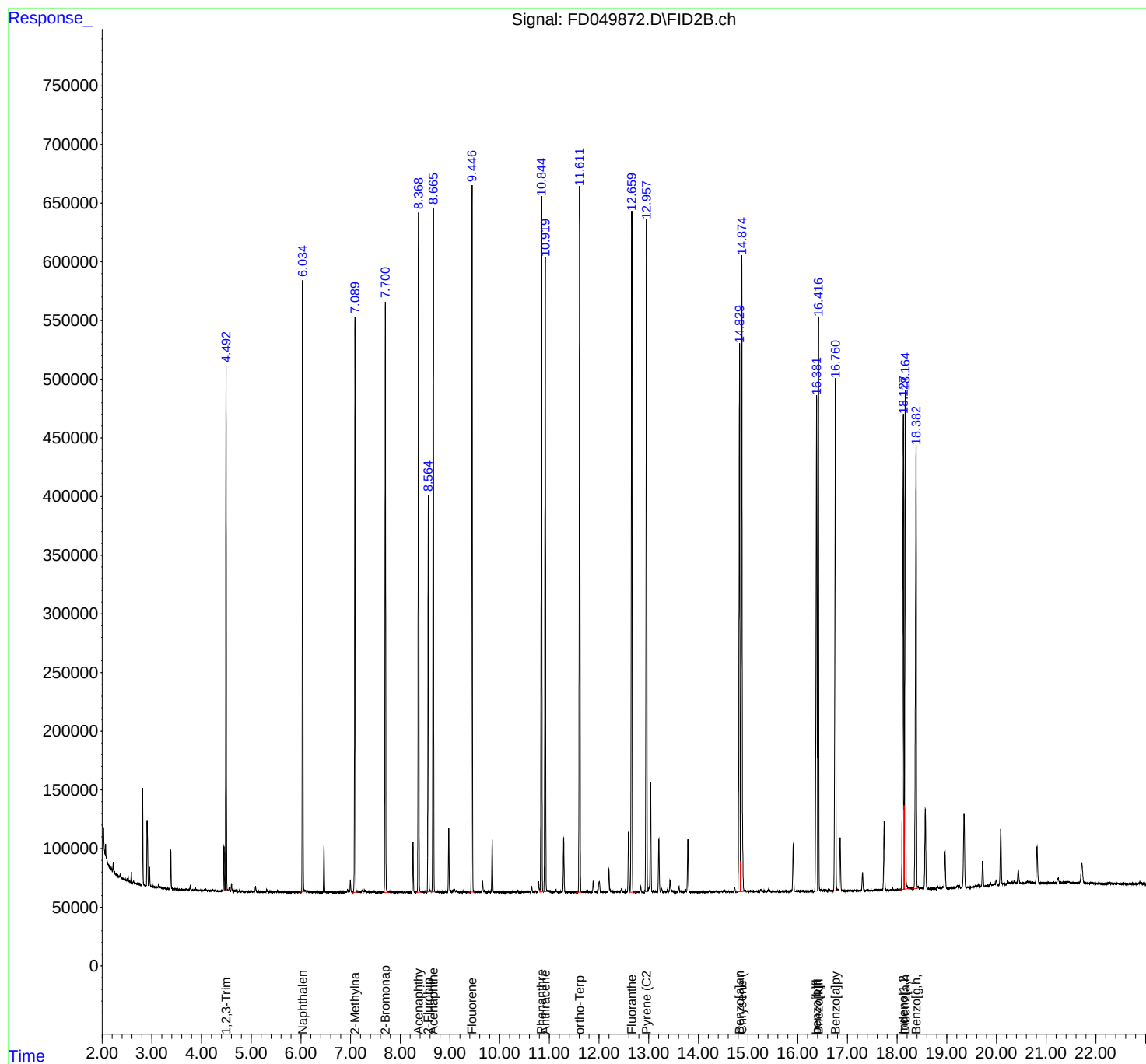
(m)=manual int.

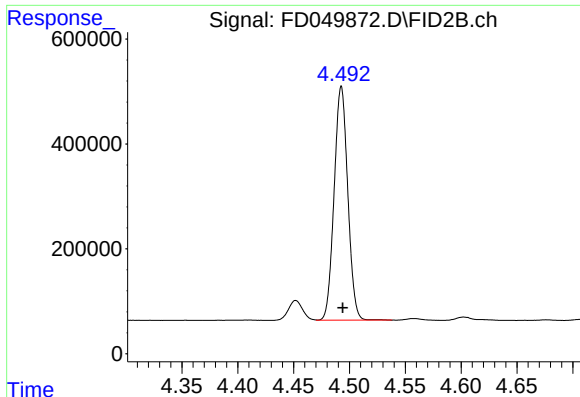
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Signal Info : 20M x 0.18mm x 0.18µm

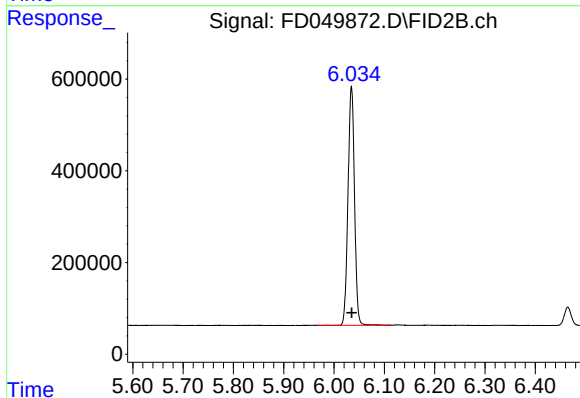




#1 1,2,3-Trimethylbenzene (C10.1)

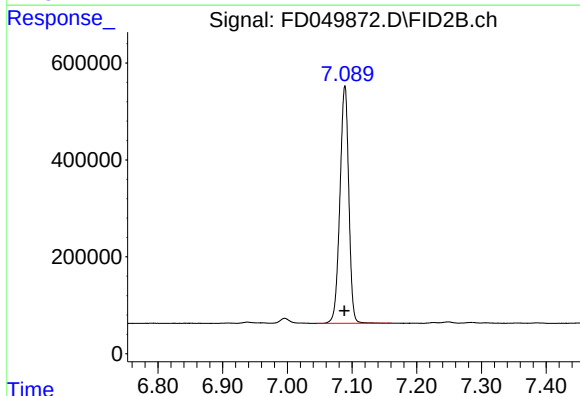
R.T.: 4.493 min
Delta R.T.: -0.001 min
Response: 3787916
Conc: 34.51 ug/ml

Instrument :
FID_D
ClientSampleId :
IDOC-02



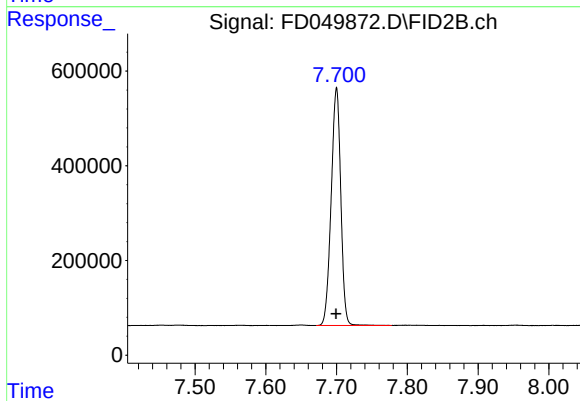
#2 Naphthalene (C11.7)

R.T.: 6.035 min
Delta R.T.: 0.000 min
Response: 4681289
Conc: 37.67 ug/ml



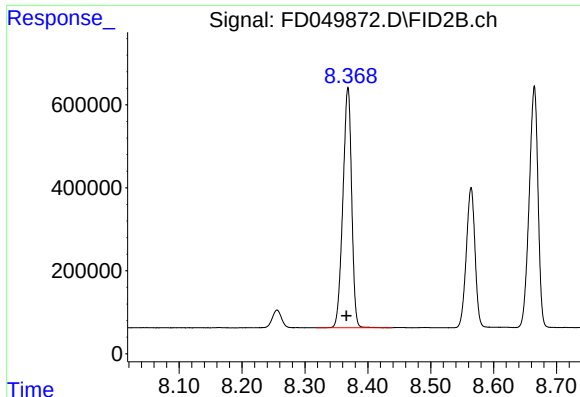
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.089 min
Delta R.T.: 0.000 min
Response: 4674140
Conc: 36.13 ug/ml



#4 2-Bromonaphthalene (SURR)

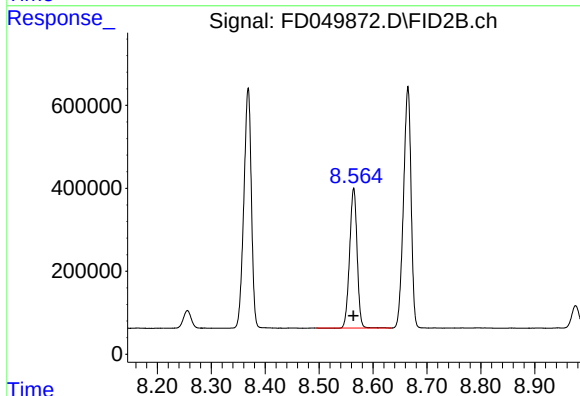
R.T.: 7.700 min
Delta R.T.: 0.000 min
Response: 4724617
Conc: 42.57 ug/ml



#5 Acenaphthylene (C15.06)

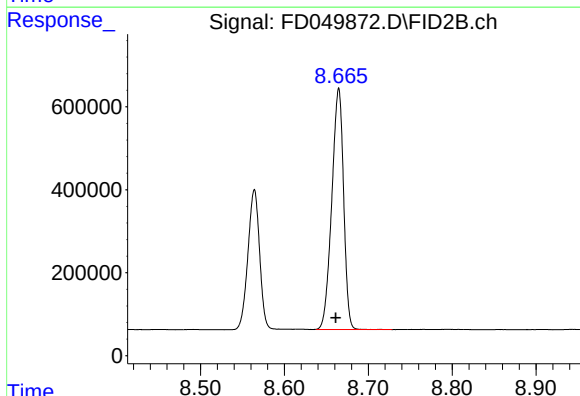
R.T.: 8.368 min
Delta R.T.: 0.002 min
Response: 5608001
Conc: 41.18 ug/ml

Instrument :
FID_D
ClientSampleId :
IDOC-02



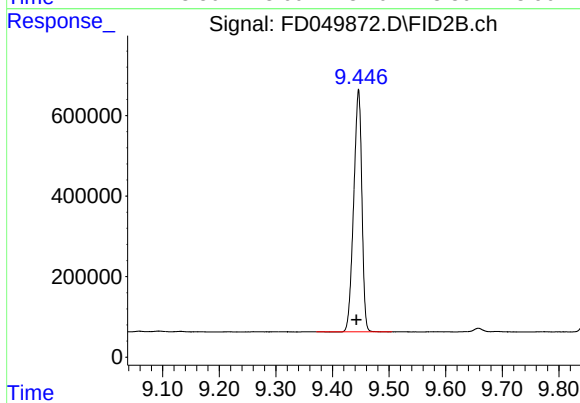
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.564 min
Delta R.T.: 0.000 min
Response: 3254843
Conc: 41.55 ug/ml



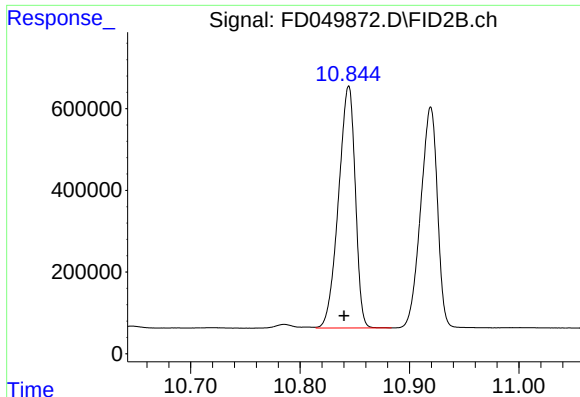
#7 Acenaphthene (C15.5)

R.T.: 8.664 min
Delta R.T.: 0.003 min
Response: 5687245
Conc: 41.72 ug/ml



#8 Flouorene (C16.55)

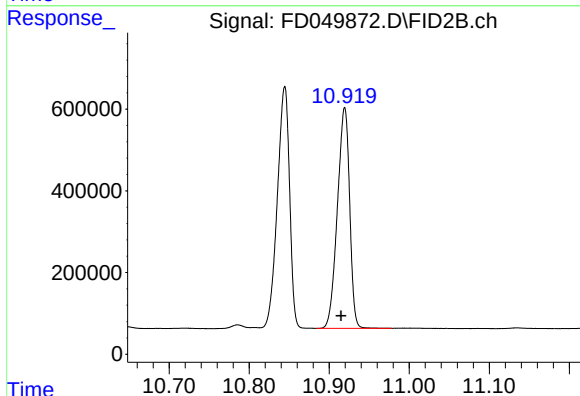
R.T.: 9.446 min
Delta R.T.: 0.003 min
Response: 6033488
Conc: 44.37 ug/ml



#9 Phenanthrene (C19.36)

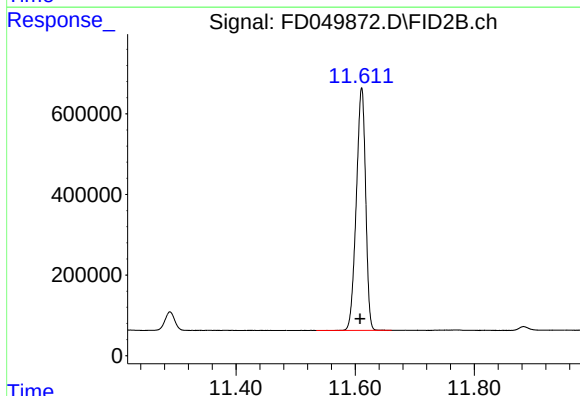
R.T.: 10.844 min
Delta R.T.: 0.004 min
Response: 6305624
Conc: 45.60 ug/ml

Instrument :
FID_D
ClientSampleId :
IDOC-02



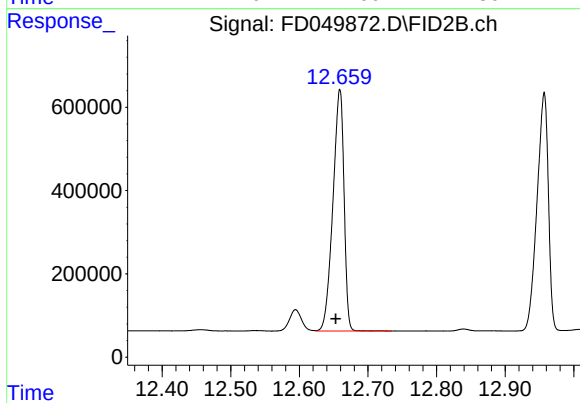
#10 Anthracene (C19.43)

R.T.: 10.919 min
Delta R.T.: 0.004 min
Response: 5762597
Conc: 45.19 ug/ml



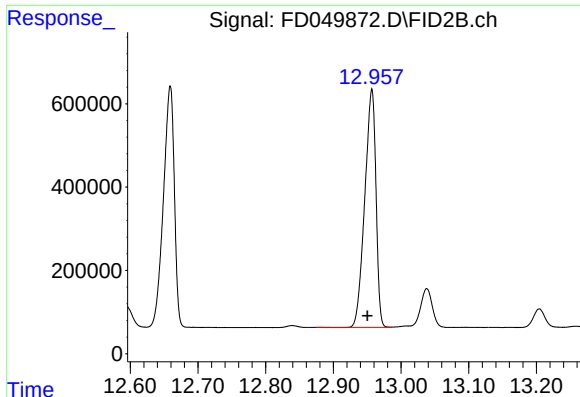
#11 ortho-Terphenyl (SURR)

R.T.: 11.611 min
Delta R.T.: 0.003 min
Response: 6536727
Conc: 46.17 ug/ml



#12 Fluoranthene (C21.85)

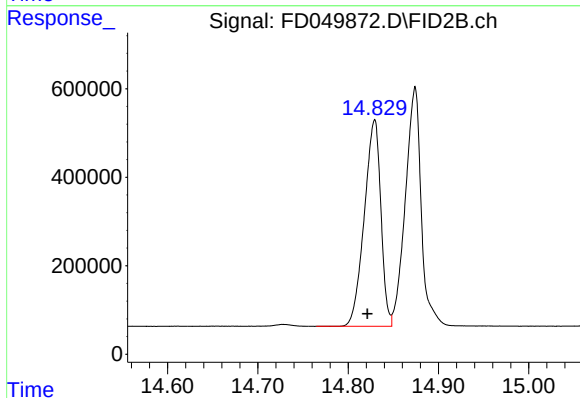
R.T.: 12.659 min
Delta R.T.: 0.006 min
Response: 6531192
Conc: 46.96 ug/ml



#13 Pyrene (C20.8)

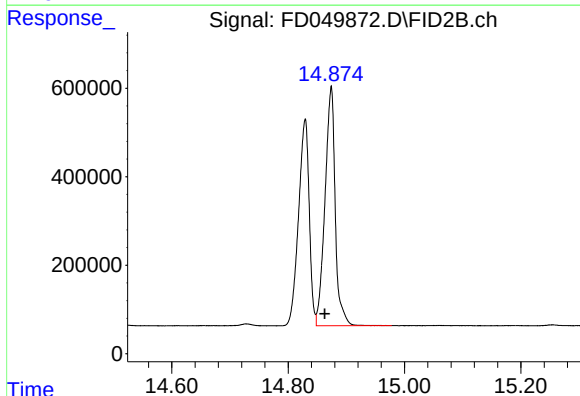
R.T.: 12.956 min
Delta R.T.: 0.006 min
Response: 6564843
Conc: 47.32 ug/ml

Instrument :
FID_D
ClientSampleId :
IDOC-02



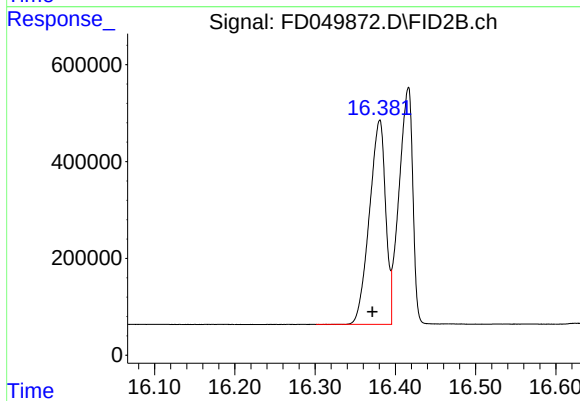
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.829 min
Delta R.T.: 0.008 min
Response: 5949011
Conc: 47.05 ug/ml



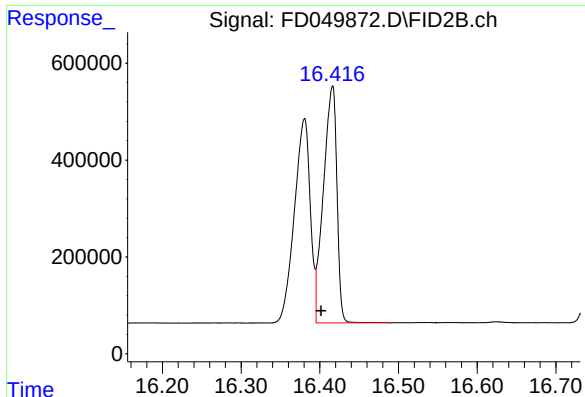
#15 Chrysene (C27.41)

R.T.: 14.873 min
Delta R.T.: 0.011 min
Response: 6611368
Conc: 50.39 ug/ml



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

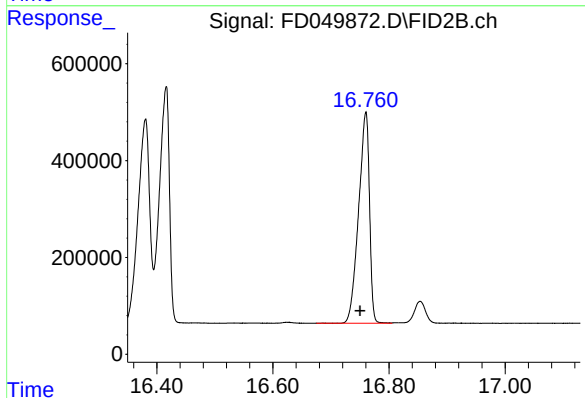
R.T.: 16.380 min
Delta R.T.: 0.009 min
Response: 5928750
Conc: 46.03 ug/ml



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

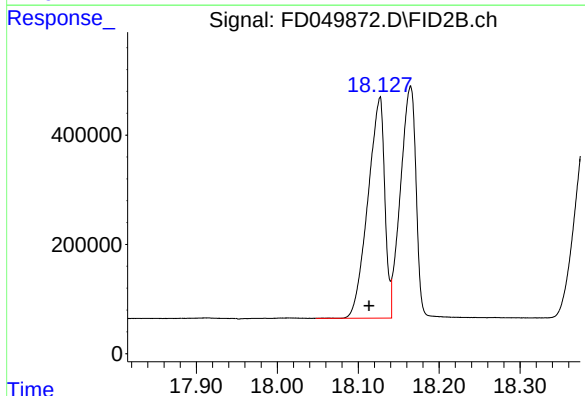
R.T.: 16.415 min
Delta R.T.: 0.013 min
Response: 5815788
Conc: 47.78 ug/ml

Instrument :
FID_D
ClientSampleId :
IDOC-02



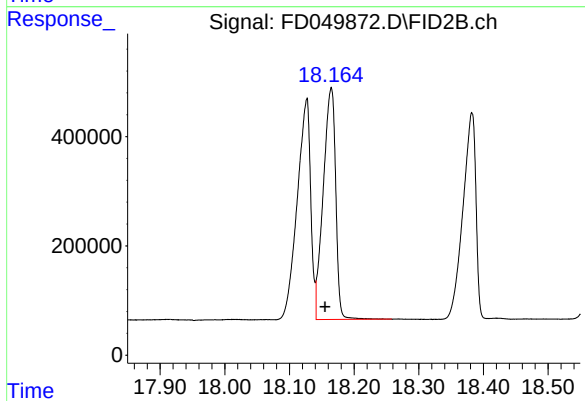
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.760 min
Delta R.T.: 0.009 min
Response: 5666000
Conc: 45.24 ug/ml



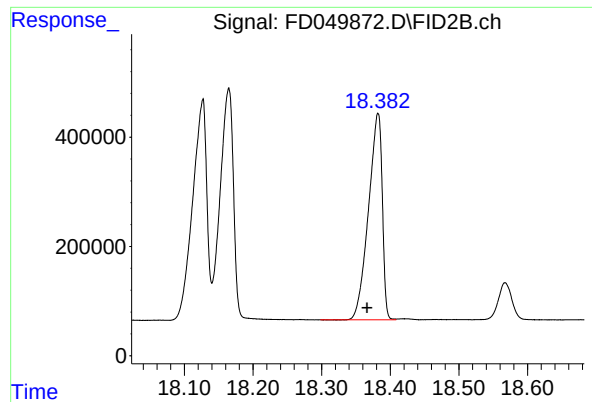
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.126 min
Delta R.T.: 0.012 min
Response: 5857633
Conc: 50.90 ug/ml



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

R.T.: 18.164 min
Delta R.T.: 0.009 min
Response: 5659432
Conc: 43.71 ug/ml



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

R.T.: 18.381 min
Delta R.T.: 0.015 min
Response: 5271742
Conc: 41.91 ug/ml

Instrument :
FID_D
ClientSampleId :
IDOC-02