

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081225AR\
 Data File : FD049624.D
 Signal(s) : FID2B.ch
 Acq On : 12 Aug 2025 18:50
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 13 00:31:23 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 081125.M
 Quant Title : GC Extractables
 QLast Update : Mon Aug 11 14:11:57 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...	7.714	2227159	21.731 ug/ml
Spiked Amount 50.000		Recovery =	43.46%
6) S 2-Fluorobiphenyl (SURR)	8.579	1598286	21.881 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	43.76%
11) S ortho-Terphenyl (SURR)	11.625	2812377	21.668 ug/ml
Spiked Amount 50.000		Recovery =	43.34%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.507	2151285	21.254 ug/ml
2) T Naphthalene (C11.7)	6.050	2468923	21.533 ug/ml
3) T 2-Methylnaphthalene (...)	7.104	2588173	21.696 ug/ml
5) T Acenaphthylene (C15.06)	8.382	2724922	21.676 ug/ml
7) T Acenaphthene (C15.5)	8.679	2722852	21.655 ug/ml
8) T Flouorene (C16.55)	9.460	2760710	21.805 ug/ml
9) T Phenanthrene (C19.36)	10.859	2825114	21.870 ug/ml
10) T Anthracene (C19.43)	10.933	2674645	21.711 ug/ml
12) T Fluoranthene (C21.85)	12.672	2792240	21.812 ug/ml
13) T Pyrene (C20.8)	12.970	2771641	21.830 ug/ml
14) T Benzo[a]anthracene (C...	14.842	2481208	21.502 ug/ml
15) T Chrysene (C27.41)	14.885	2517501	21.502 ug/ml
16) T benzo[b]fluoranthene ...	16.393	2382080	20.944 ug/ml
17) T Bnezo[k]fluoranthene ...	16.425	2245393	20.976 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.772	2304653	20.775 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.135	2095630	20.331 ug/ml
20) T Dibenz[a,h]anthracene...	18.176	2270097	20.827 ug/ml
21) T Benzo[g,h,i]perylene ...	18.391	2230985	20.416 ug/ml

(f)=RT Delta > 1/2 Window

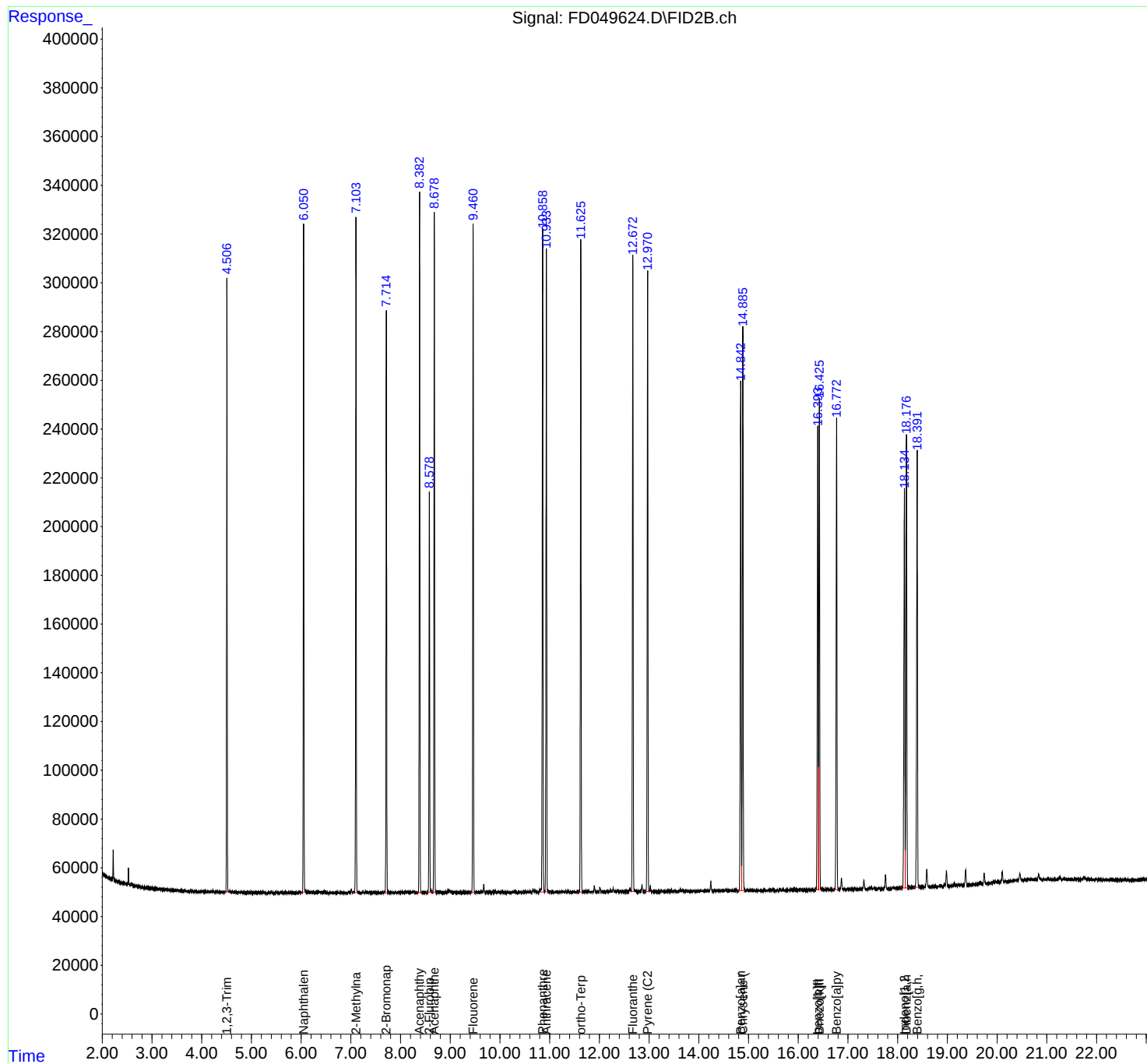
(m)=manual int.

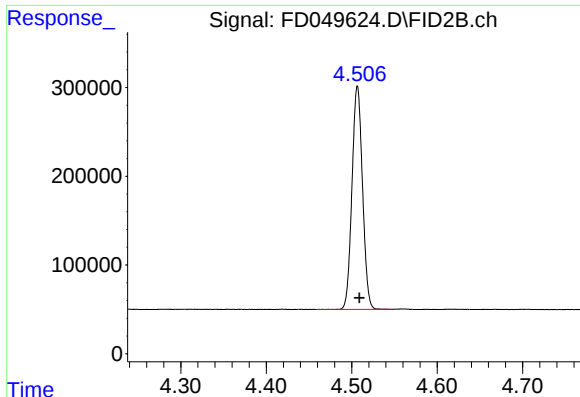
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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 081125.M
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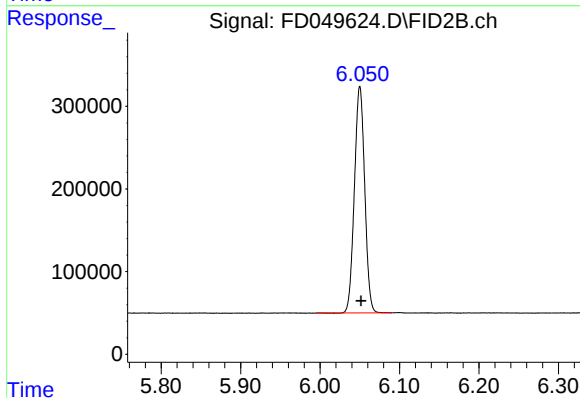




#1 1,2,3-Trimethylbenzene (C10.1)

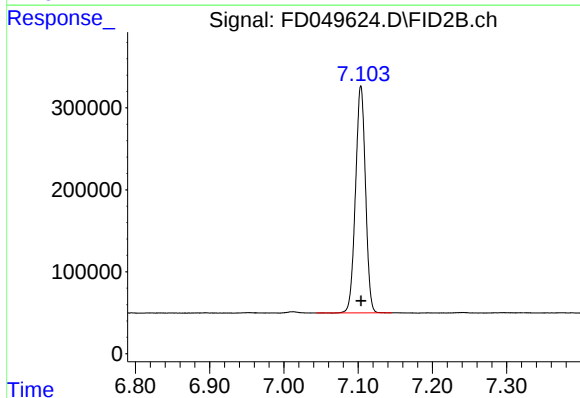
R.T.: 4.507 min
Delta R.T.: -0.002 min
Response: 2151285
Conc: 21.25 ug/ml

Instrument :
FID_D
ClientSampleId :



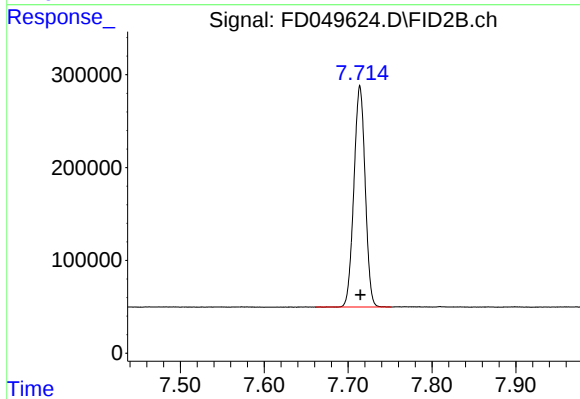
#2 Naphthalene (C11.7)

R.T.: 6.050 min
Delta R.T.: -0.001 min
Response: 2468923
Conc: 21.53 ug/ml



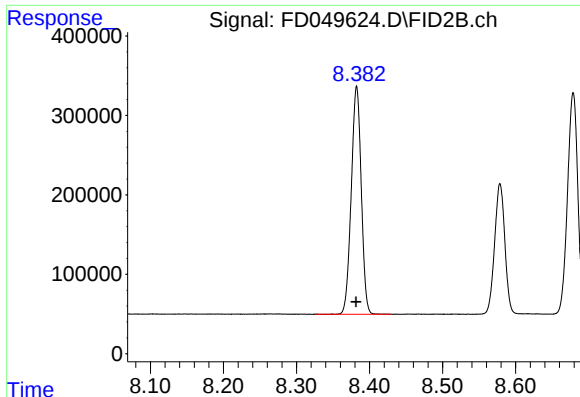
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.104 min
Delta R.T.: 0.000 min
Response: 2588173
Conc: 21.70 ug/ml



#4 2-Bromonaphthalene (SURR)

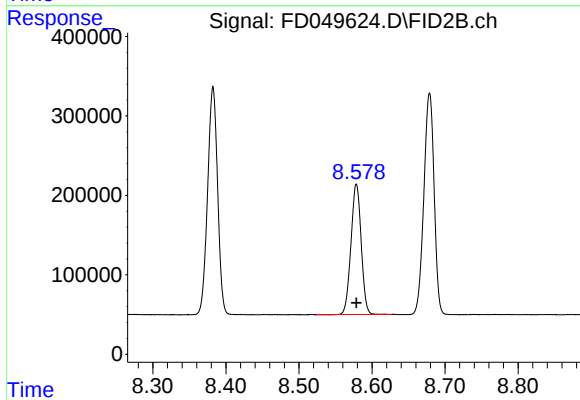
R.T.: 7.714 min
Delta R.T.: 0.000 min
Response: 2227159
Conc: 21.73 ug/ml



#5 Acenaphthylene (C15.06)

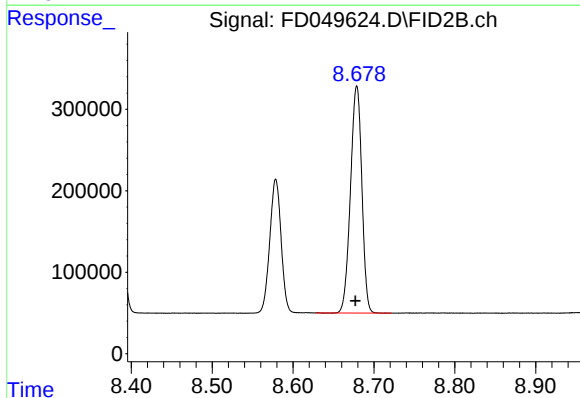
R.T.: 8.382 min
Delta R.T.: 0.000 min
Response: 2724922
Conc: 21.68 ug/ml

Instrument :
FID_D
ClientSampleId :



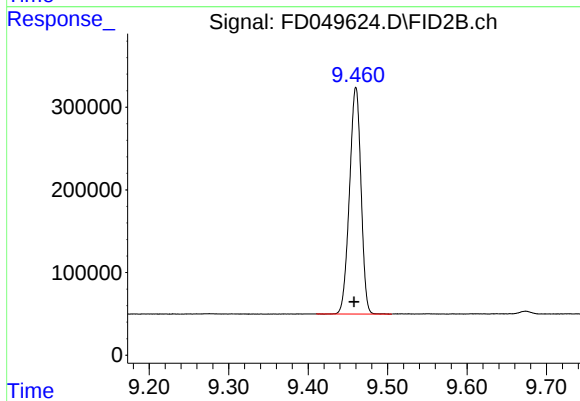
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.579 min
Delta R.T.: 0.000 min
Response: 1598286
Conc: 21.88 ug/ml



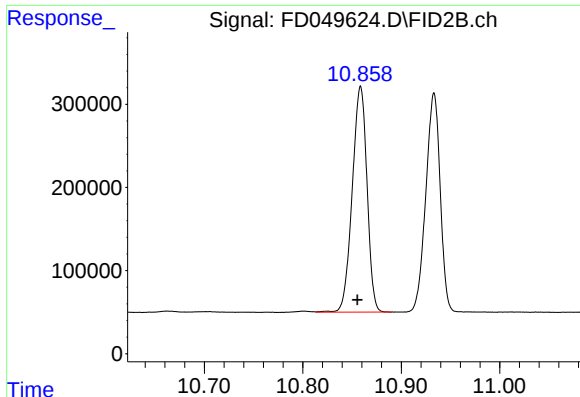
#7 Acenaphthene (C15.5)

R.T.: 8.679 min
Delta R.T.: 0.002 min
Response: 2722852
Conc: 21.66 ug/ml



#8 Flouorene (C16.55)

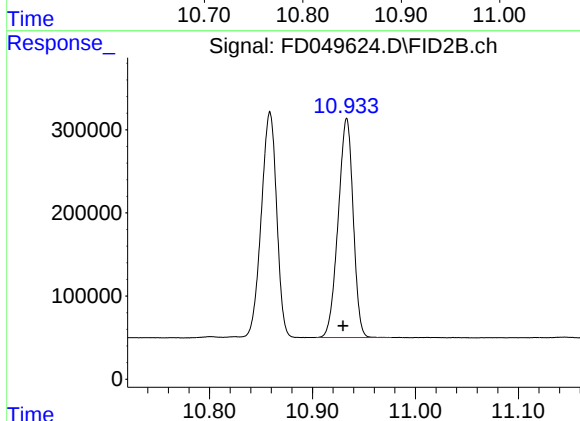
R.T.: 9.460 min
Delta R.T.: 0.002 min
Response: 2760710
Conc: 21.81 ug/ml



#9 Phenanthrene (C19.36)

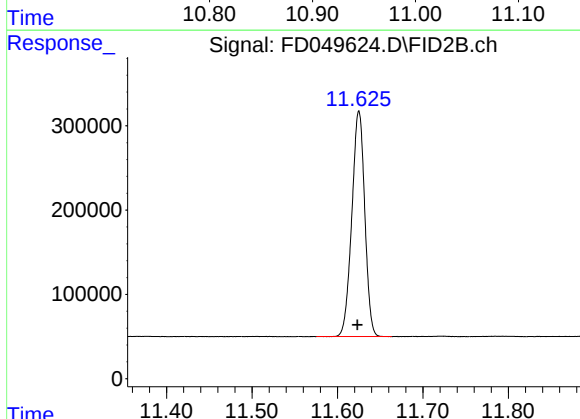
R.T.: 10.859 min
Delta R.T.: 0.003 min
Response: 2825114
Conc: 21.87 ug/ml

Instrument :
FID_D
ClientSampleId :



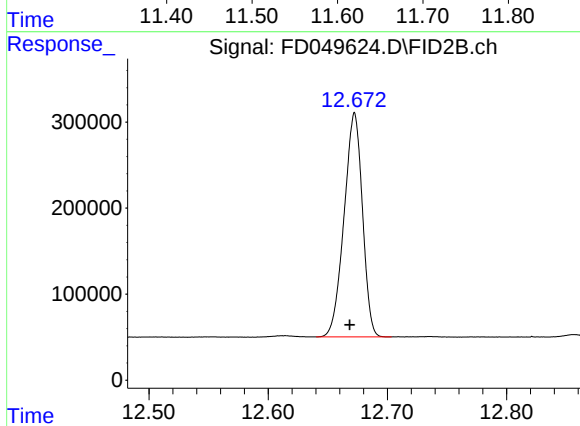
#10 Anthracene (C19.43)

R.T.: 10.933 min
Delta R.T.: 0.003 min
Response: 2674645
Conc: 21.71 ug/ml



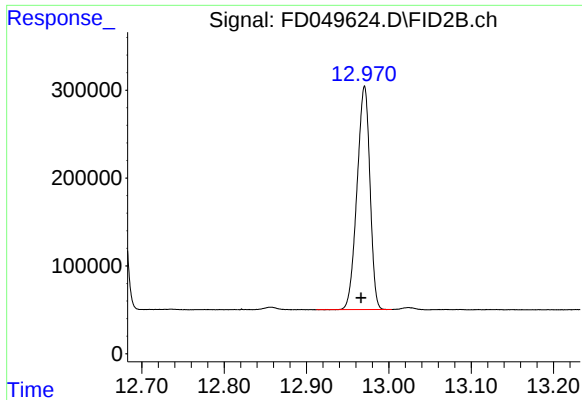
#11 ortho-Terphenyl (SURR)

R.T.: 11.625 min
Delta R.T.: 0.002 min
Response: 2812377
Conc: 21.67 ug/ml



#12 Fluoranthene (C21.85)

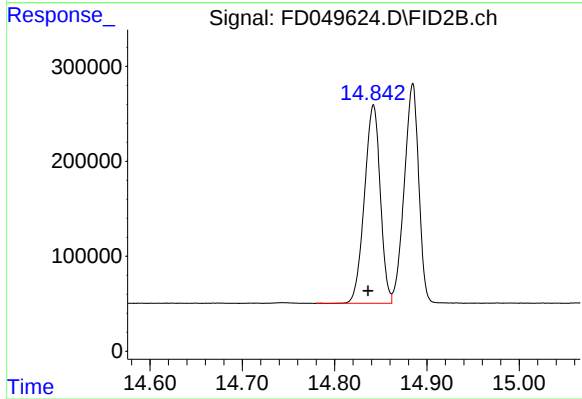
R.T.: 12.672 min
Delta R.T.: 0.004 min
Response: 2792240
Conc: 21.81 ug/ml



#13 Pyrene (C20.8)

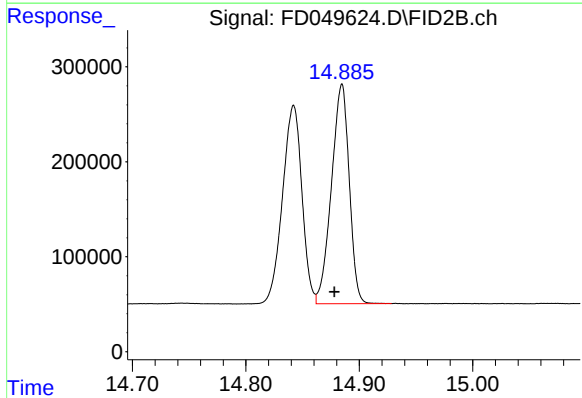
R.T.: 12.970 min
Delta R.T.: 0.004 min
Response: 2771641
Conc: 21.83 ug/ml

Instrument :
FID_D
ClientSampleId :



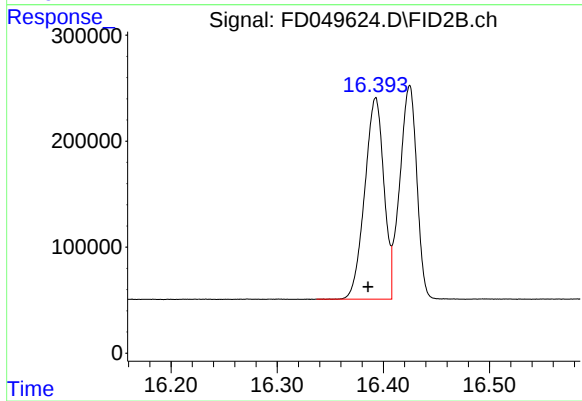
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.842 min
Delta R.T.: 0.006 min
Response: 2481208
Conc: 21.50 ug/ml



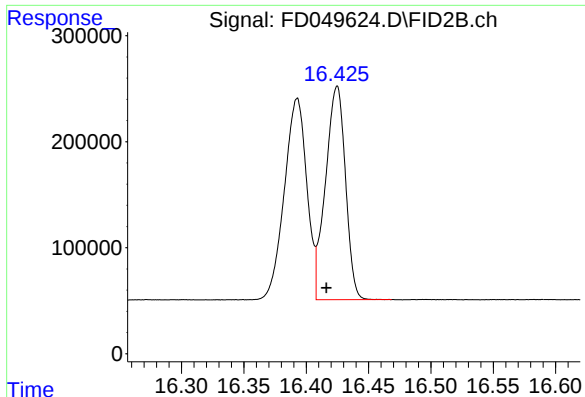
#15 Chrysene (C27.41)

R.T.: 14.885 min
Delta R.T.: 0.007 min
Response: 2517501
Conc: 21.50 ug/ml



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

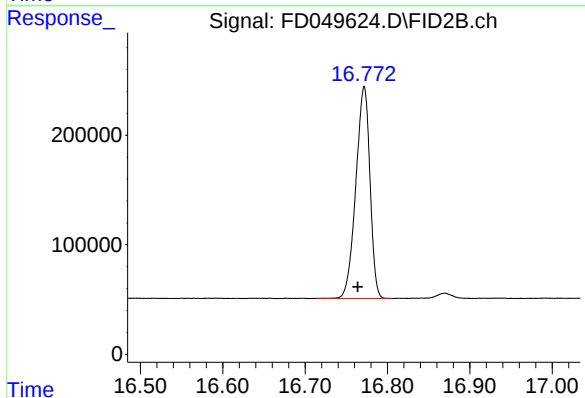
R.T.: 16.393 min
Delta R.T.: 0.007 min
Response: 2382080
Conc: 20.94 ug/ml



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

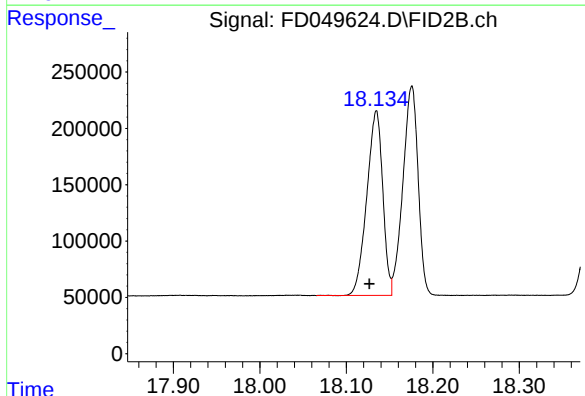
R.T.: 16.425 min
Delta R.T.: 0.008 min
Response: 2245393
Conc: 20.98 ug/ml

Instrument :
FID_D
ClientSampleId :



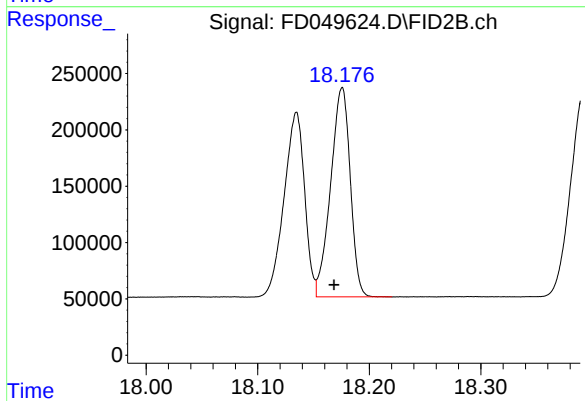
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.772 min
Delta R.T.: 0.008 min
Response: 2304653
Conc: 20.77 ug/ml



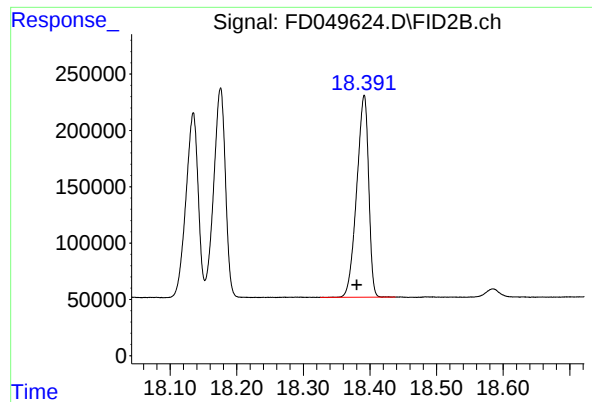
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.135 min
Delta R.T.: 0.008 min
Response: 2095630
Conc: 20.33 ug/ml



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

R.T.: 18.176 min
Delta R.T.: 0.007 min
Response: 2270097
Conc: 20.83 ug/ml



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

R.T.: 18.391 min
Delta R.T.: 0.011 min
Response: 2230985
Conc: 20.42 ug/ml

Instrument :

FID_D

ClientSampleId :