

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081525AR\
 Data File : FD049627.D
 Signal(s) : FID2B.ch
 Acq On : 15 Aug 2025 10:28
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 18 02:21:32 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	2183289	21.303 ug/ml
Spiked Amount 50.000		Recovery =	42.61%
6) S 2-Fluorobiphenyl (SURR)	8.579	1559509	21.350 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.70%
11) S ortho-Terphenyl (SURR)	11.625	2772412	21.360 ug/ml
Spiked Amount 50.000		Recovery =	42.72%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.507	2147239	21.214 ug/ml
2) T Naphthalene (C11.7)	6.050	2441333	21.292 ug/ml
3) T 2-Methylnaphthalene (...)	7.104	2543576	21.322 ug/ml
5) T Acenaphthylene (C15.06)	8.382	2670205	21.241 ug/ml
7) T Acenaphthene (C15.5)	8.678	2666019	21.203 ug/ml
8) T Flouorene (C16.55)	9.459	2701934	21.341 ug/ml
9) T Phenanthrene (C19.36)	10.857	2776512	21.494 ug/ml
10) T Anthracene (C19.43)	10.932	2547244	20.677 ug/ml
12) T Fluoranthene (C21.85)	12.671	2745837	21.449 ug/ml
13) T Pyrene (C20.8)	12.970	2726443	21.474 ug/ml
14) T Benzo[a]anthracene (C...	14.841	2408444	20.871 ug/ml
15) T Chrysene (C27.41)	14.883	2472444	21.117 ug/ml
16) T benzo[b]fluoranthene ...	16.391	2348587	20.650 ug/ml
17) T Bnezo[k]fluoranthene ...	16.423	2202951	20.579 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.769	2256985	20.345 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.133	2065247	20.036 ug/ml
20) T Dibenz[a,h]anthracene...	18.173	2238108	20.533 ug/ml
21) T Benzo[g,h,i]perylene ...	18.389	2214668	20.267 ug/ml

(f)=RT Delta > 1/2 Window

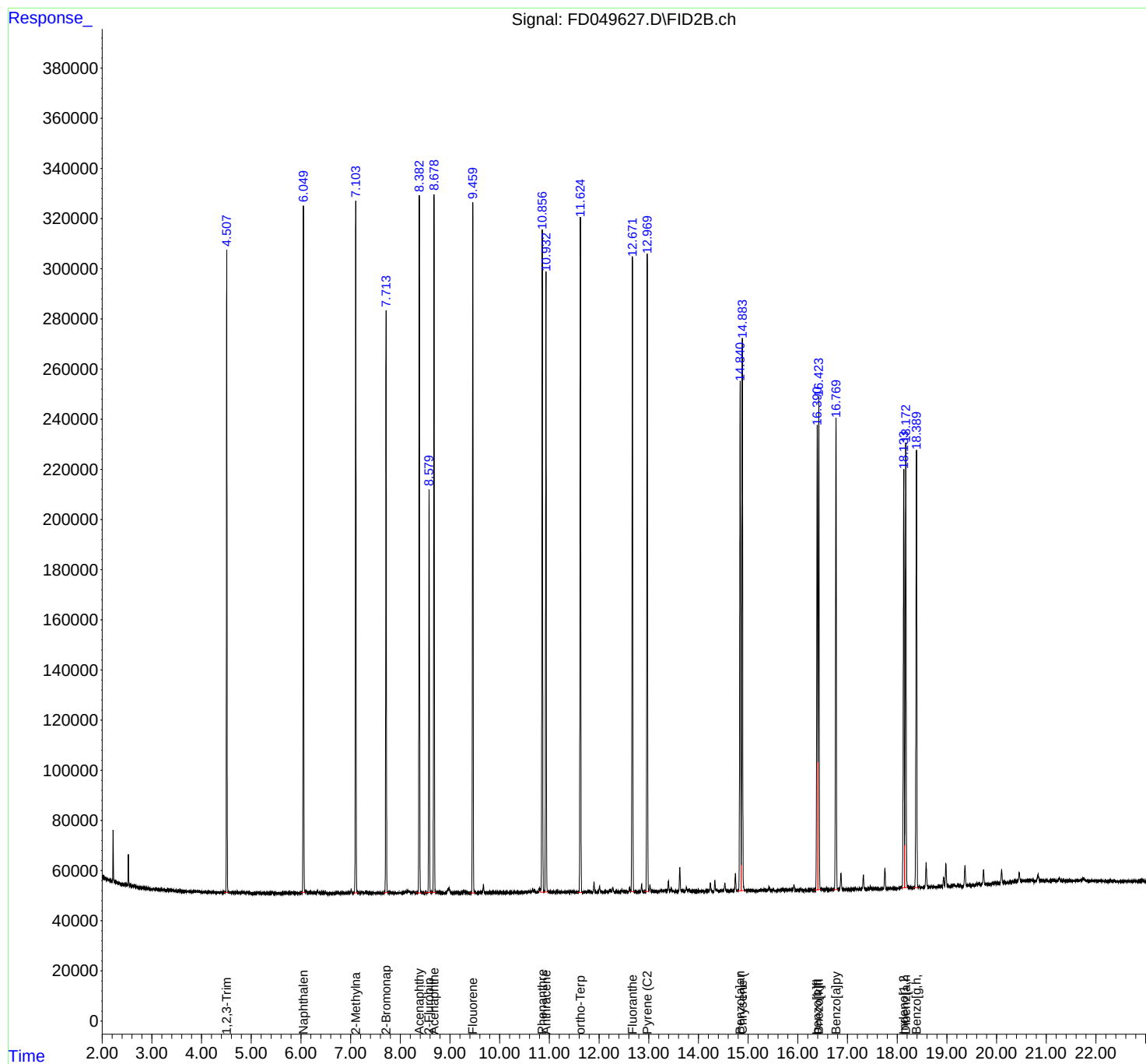
(m)=manual int.

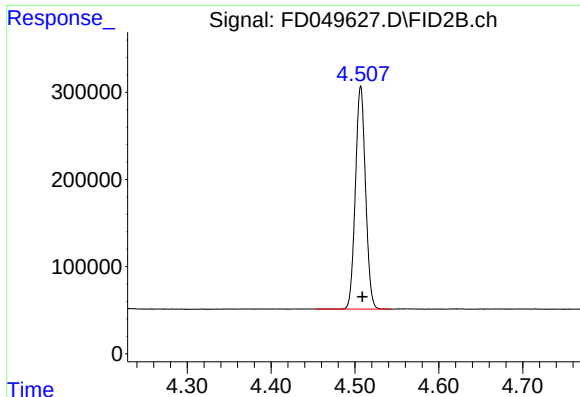
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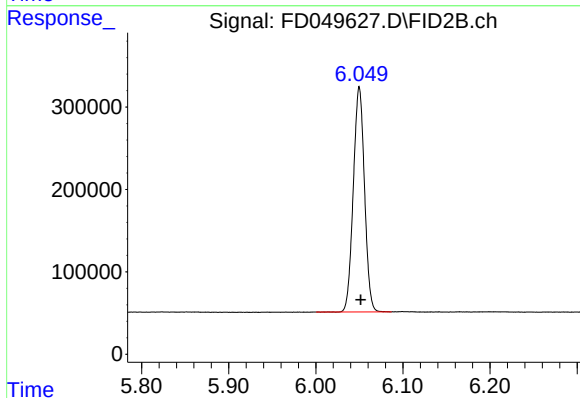




#1 1,2,3-Trimethylbenzene (C10.1)

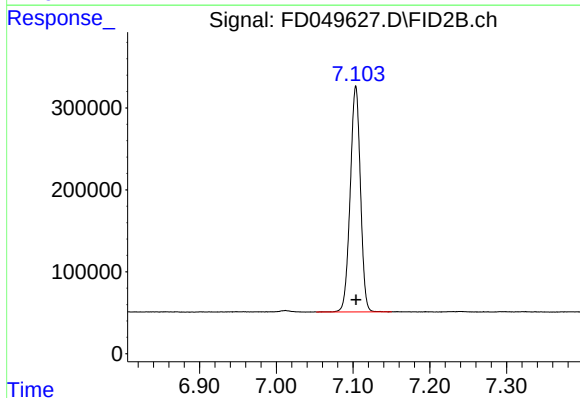
R.T.: 4.507 min
Delta R.T.: -0.002 min
Response: 2147239
Conc: 21.21 ug/ml

Instrument :
FID_C
ClientSampleId :



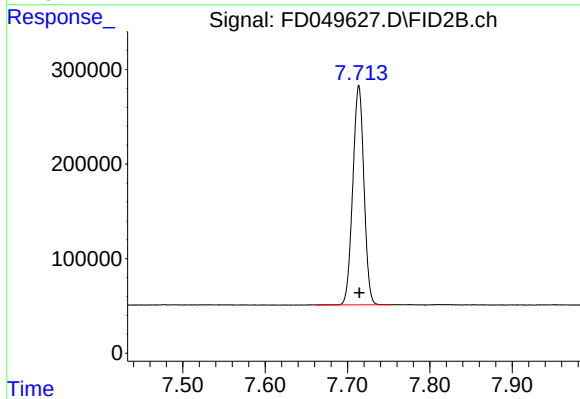
#2 Naphthalene (C11.7)

R.T.: 6.050 min
Delta R.T.: -0.002 min
Response: 2441333
Conc: 21.29 ug/ml



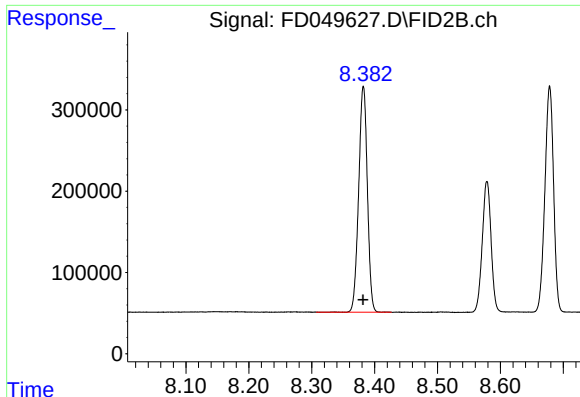
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.104 min
Delta R.T.: 0.000 min
Response: 2543576
Conc: 21.32 ug/ml



#4 2-Bromonaphthalene (SURR)

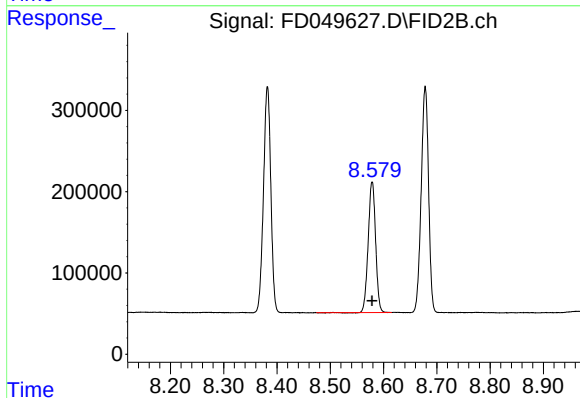
R.T.: 7.714 min
Delta R.T.: 0.000 min
Response: 2183289
Conc: 21.30 ug/ml



#5 Acenaphthylene (C15.06)

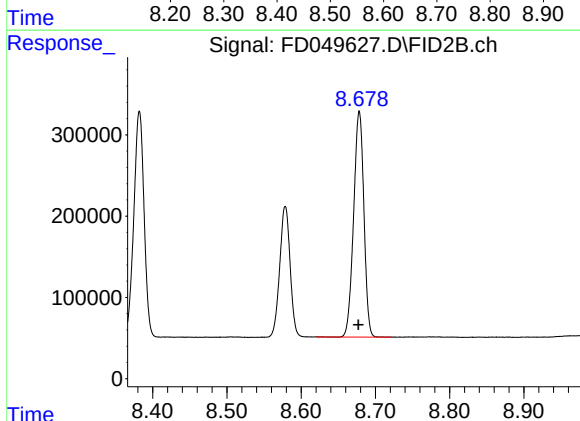
R.T.: 8.382 min
Delta R.T.: 0.000 min
Response: 2670205
Conc: 21.24 ug/ml

Instrument :
FID_C
ClientSampleId :



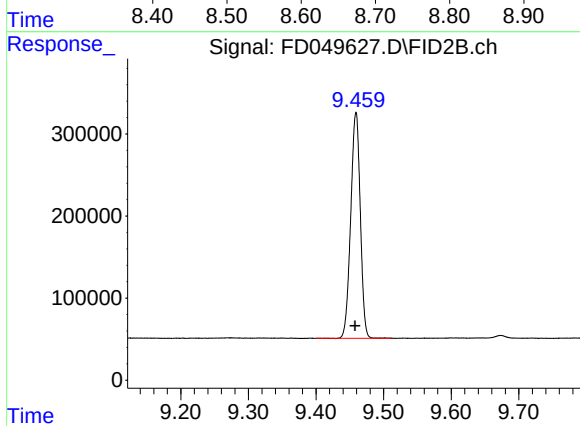
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.579 min
Delta R.T.: 0.000 min
Response: 1559509
Conc: 21.35 ug/ml



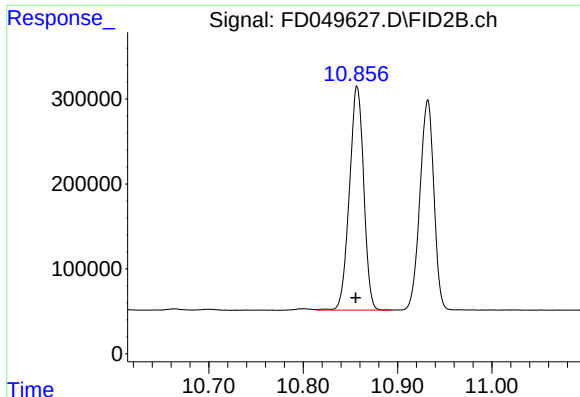
#7 Acenaphthene (C15.5)

R.T.: 8.678 min
Delta R.T.: 0.001 min
Response: 2666019
Conc: 21.20 ug/ml



#8 Fluorene (C16.55)

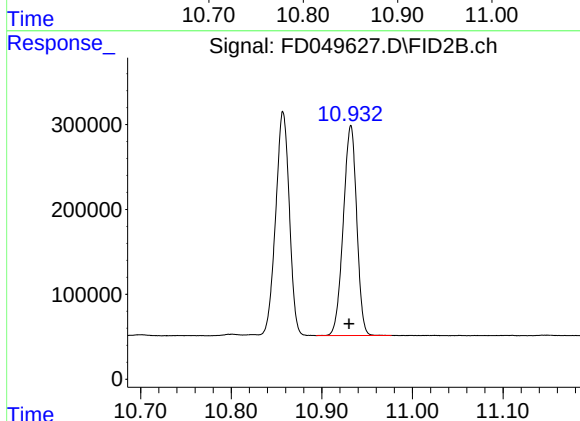
R.T.: 9.459 min
Delta R.T.: 0.001 min
Response: 2701934
Conc: 21.34 ug/ml



#9 Phenanthrene (C19.36)

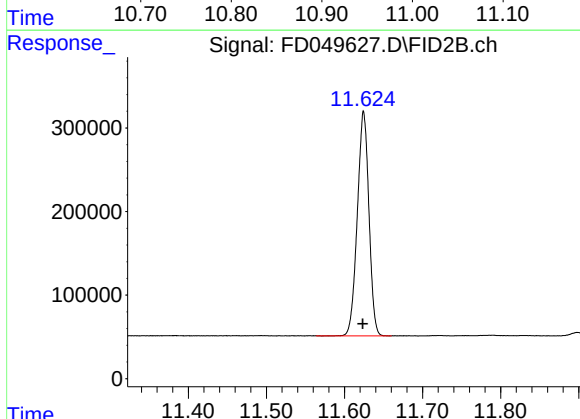
R.T.: 10.857 min
Delta R.T.: 0.002 min
Response: 2776512
Conc: 21.49 ug/ml

Instrument :
FID_C
ClientSampleId :



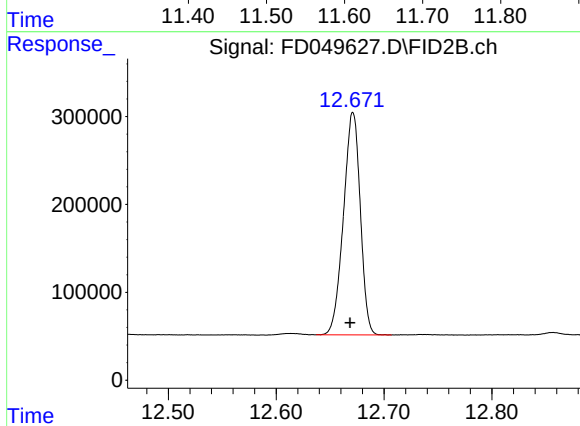
#10 Anthracene (C19.43)

R.T.: 10.932 min
Delta R.T.: 0.002 min
Response: 2547244
Conc: 20.68 ug/ml



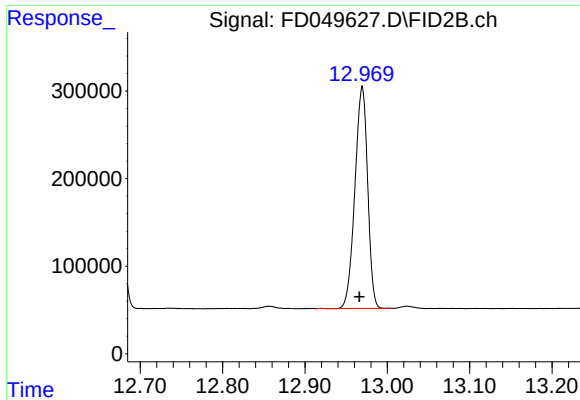
#11 ortho-Terphenyl (SURR)

R.T.: 11.625 min
Delta R.T.: 0.001 min
Response: 2772412
Conc: 21.36 ug/ml



#12 Fluoranthene (C21.85)

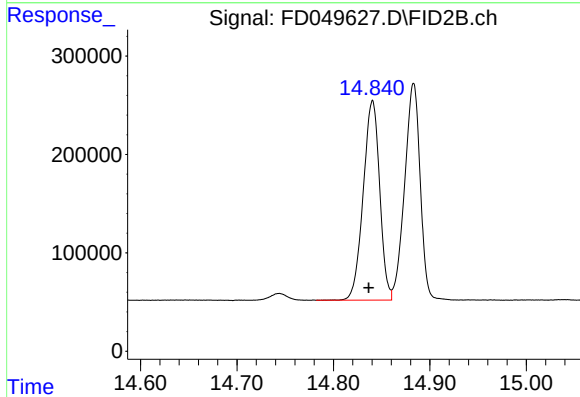
R.T.: 12.671 min
Delta R.T.: 0.003 min
Response: 2745837
Conc: 21.45 ug/ml



#13 Pyrene (C20.8)

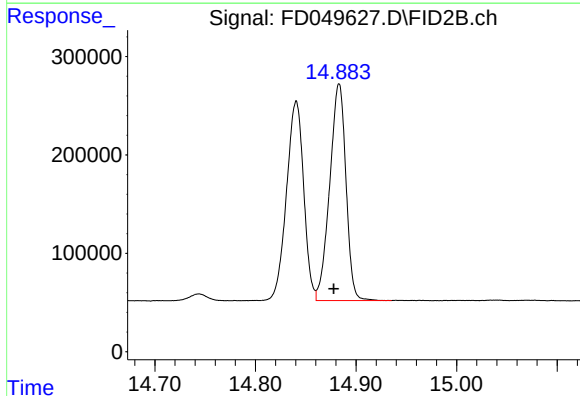
R.T.: 12.970 min
Delta R.T.: 0.003 min
Response: 2726443
Conc: 21.47 ug/ml

Instrument :
FID_C
ClientSampleId :



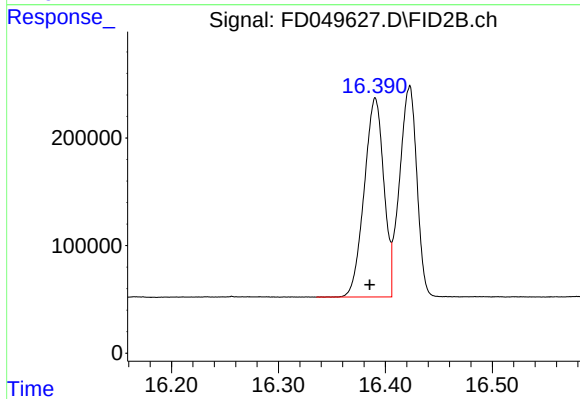
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.841 min
Delta R.T.: 0.004 min
Response: 2408444
Conc: 20.87 ug/ml



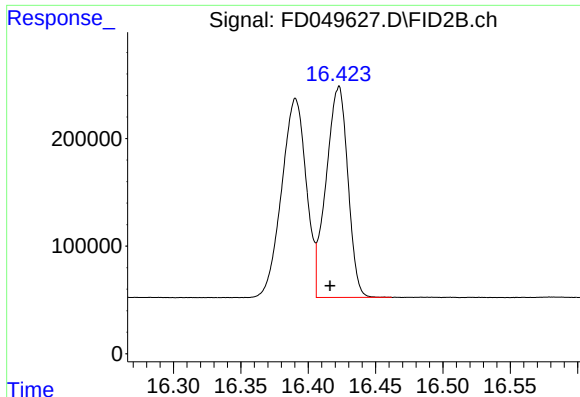
#15 Chrysene (C27.41)

R.T.: 14.883 min
Delta R.T.: 0.005 min
Response: 2472444
Conc: 21.12 ug/ml



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

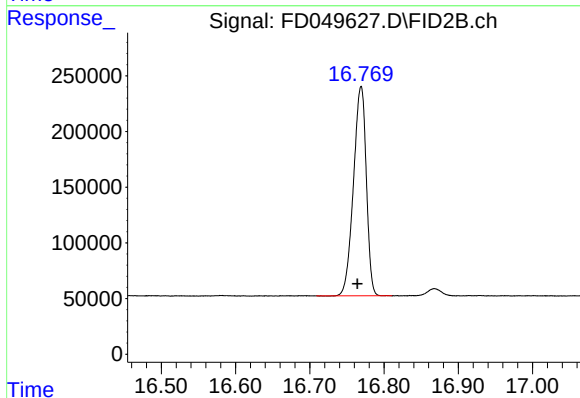
R.T.: 16.391 min
Delta R.T.: 0.005 min
Response: 2348587
Conc: 20.65 ug/ml



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

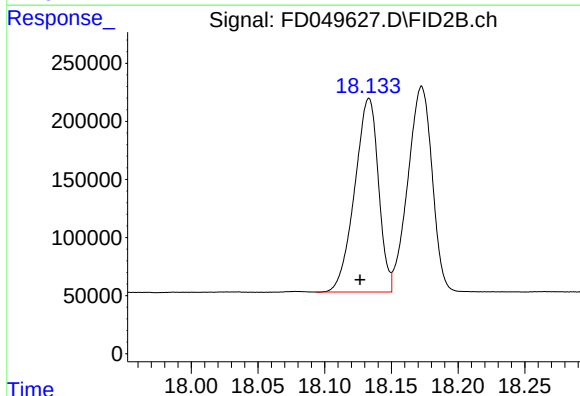
R.T.: 16.423 min
Delta R.T.: 0.006 min
Response: 2202951
Conc: 20.58 ug/ml

Instrument :
FID_C
ClientSampleId :



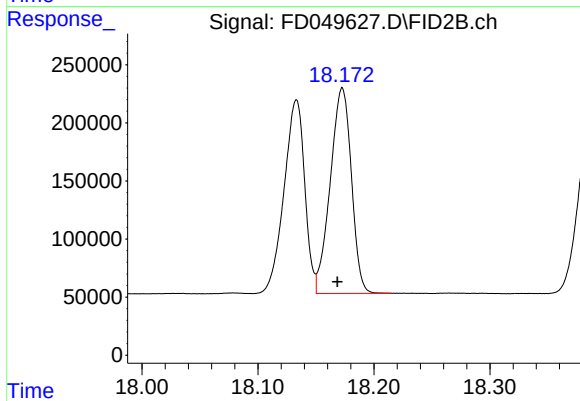
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.769 min
Delta R.T.: 0.005 min
Response: 2256985
Conc: 20.34 ug/ml



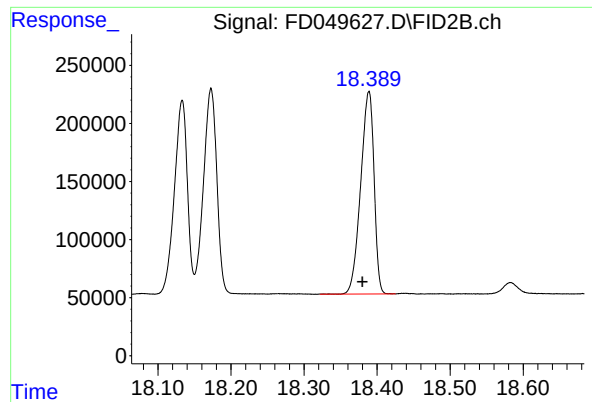
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.133 min
Delta R.T.: 0.007 min
Response: 2065247
Conc: 20.04 ug/ml



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

R.T.: 18.173 min
Delta R.T.: 0.004 min
Response: 2238108
Conc: 20.53 ug/ml



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

R.T.: 18.389 min
Delta R.T.: 0.009 min
Response: 2214668
Conc: 20.27 ug/ml

Instrument :

FID_C

ClientSampleId :