

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD082825AR\
 Data File : FD049700.D
 Signal(s) : FID2B.ch
 Acq On : 28 Aug 2025 18:10
 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 29 02:29:27 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...	7.713	2208446	21.549 ug/ml
Spiked Amount 50.000		Recovery =	43.10%
6) S 2-Fluorobiphenyl (SURR)	8.578	1591817	21.792 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	43.58%
11) S ortho-Terphenyl (SURR)	11.624	2690972	20.732 ug/ml
Spiked Amount 50.000		Recovery =	41.46%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.504	2149642	21.237 ug/ml
2) T Naphthalene (C11.7)	6.048	2405768	20.982 ug/ml
3) T 2-Methylnaphthalene (...)	7.102	2426311	20.339 ug/ml
5) T Acenaphthylene (C15.06)	8.381	2641905	21.016 ug/ml
7) T Acenaphthene (C15.5)	8.677	2580587	20.524 ug/ml
8) T Flouorene (C16.55)	9.459	2689326	21.241 ug/ml
9) T Phenanthrene (C19.36)	10.857	2705914	20.947 ug/ml
10) T Anthracene (C19.43)	10.931	2407935	19.546 ug/ml
12) T Fluoranthene (C21.85)	12.671	2664605	20.814 ug/ml
13) T Pyrene (C20.8)	12.969	2643239	20.819 ug/ml
14) T Benzo[a]anthracene (C...	14.840	2321801	20.120 ug/ml
15) T Chrysene (C27.41)	14.882	2343837	20.019 ug/ml
16) T benzo[b]fluoranthene ...	16.391	2288388	20.120 ug/ml
17) T Bnezo[k]fluoranthene ...	16.424	2277205	21.273 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.770	2162444	19.493 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.134	2065815	20.041 ug/ml
20) T Dibenz[a,h]anthracene...	18.174	2138995	19.624 ug/ml
21) T Benzo[g,h,i]perylene ...	18.389	2214141	20.262 ug/ml

(f)=RT Delta > 1/2 Window

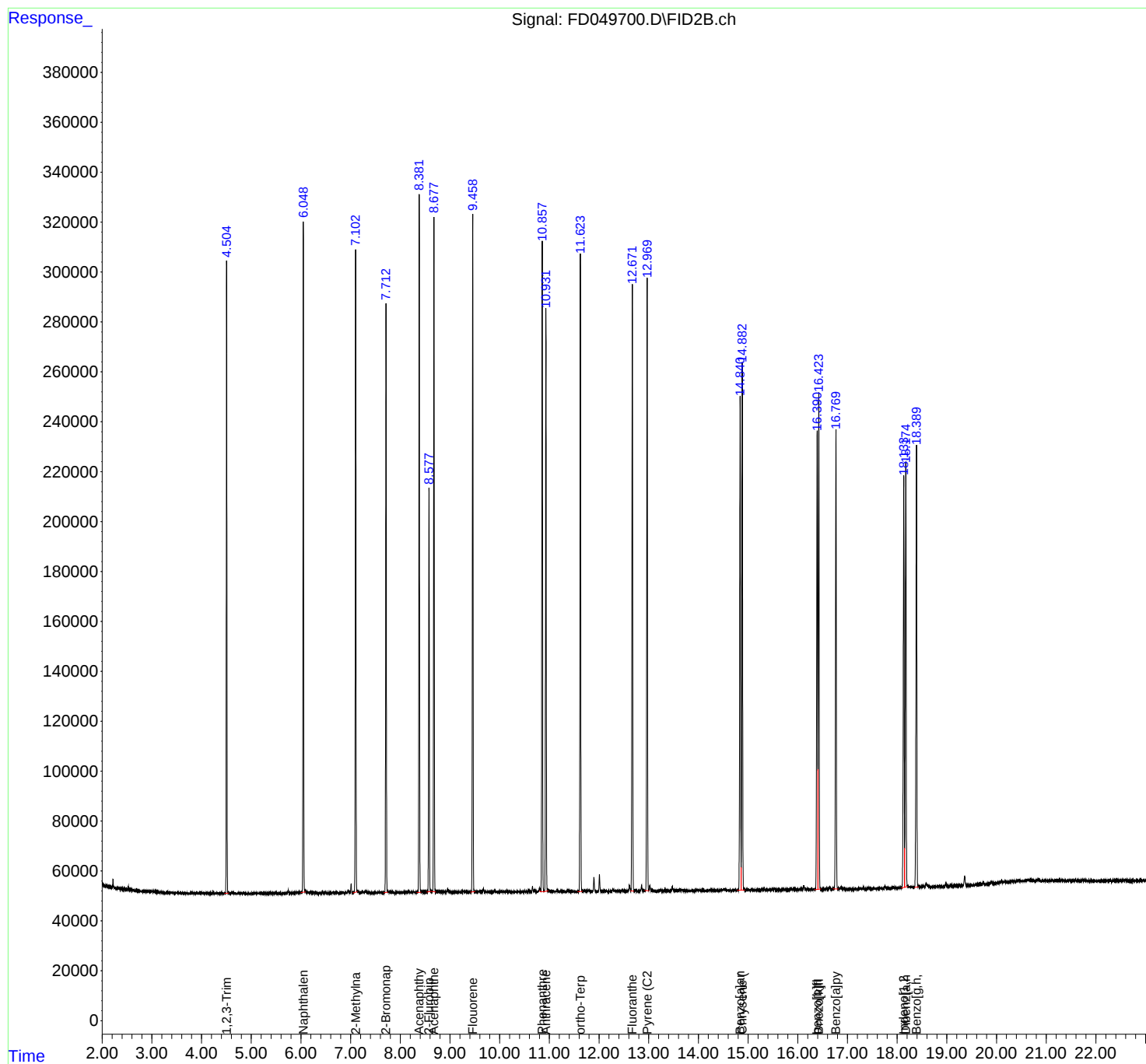
(m)=manual int.

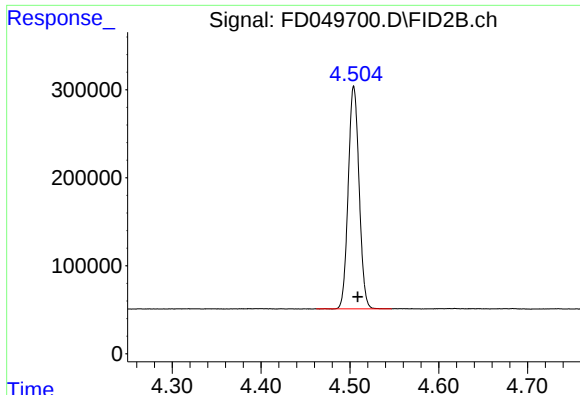
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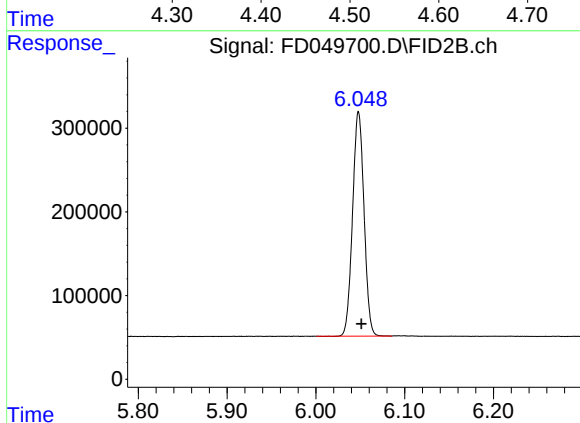




#1 1,2,3-Trimethylbenzene (C10.1)

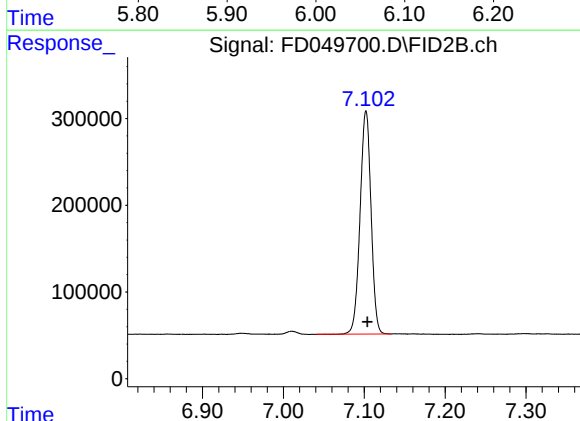
R.T.: 4.504 min
Delta R.T.: -0.005 min
Response: 2149642
Conc: 21.24 ug/ml

Instrument :
FID_C
ClientSampleId :



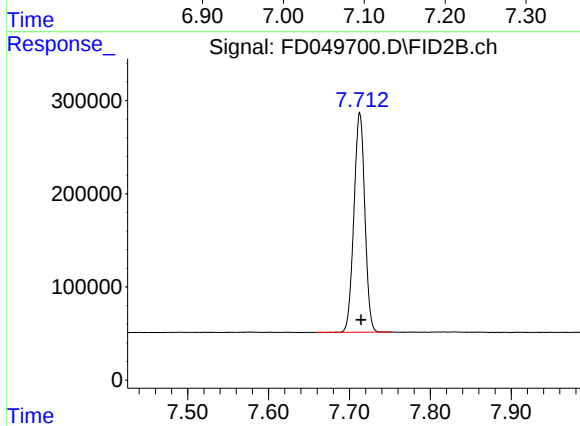
#2 Naphthalene (C11.7)

R.T.: 6.048 min
Delta R.T.: -0.003 min
Response: 2405768
Conc: 20.98 ug/ml



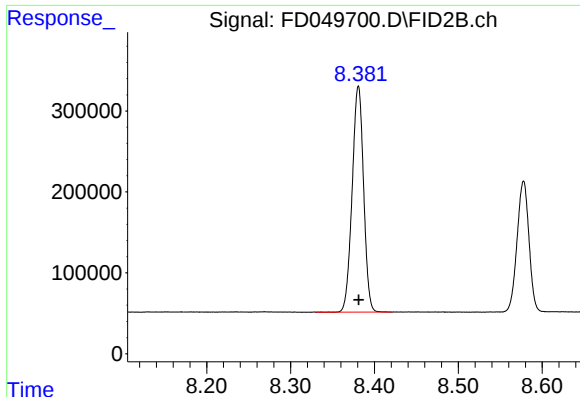
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.102 min
Delta R.T.: -0.002 min
Response: 2426311
Conc: 20.34 ug/ml



#4 2-Bromonaphthalene (SURR)

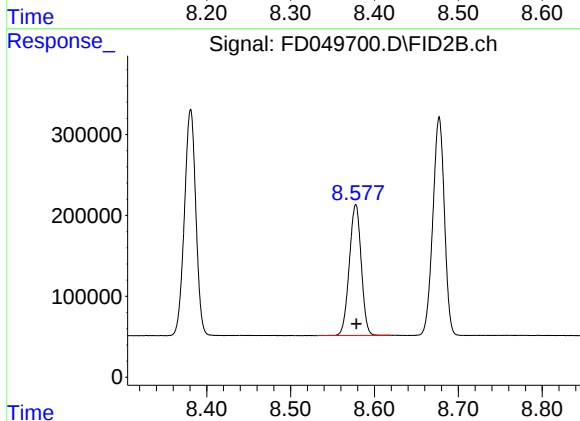
R.T.: 7.713 min
Delta R.T.: -0.002 min
Response: 2208446
Conc: 21.55 ug/ml



#5 Acenaphthylene (C15.06)

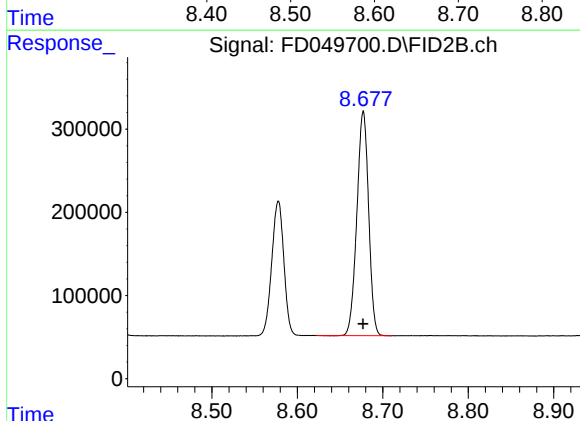
R.T.: 8.381 min
Delta R.T.: 0.000 min
Response: 2641905
Conc: 21.02 ug/ml

Instrument :
FID_C
ClientSampleId :



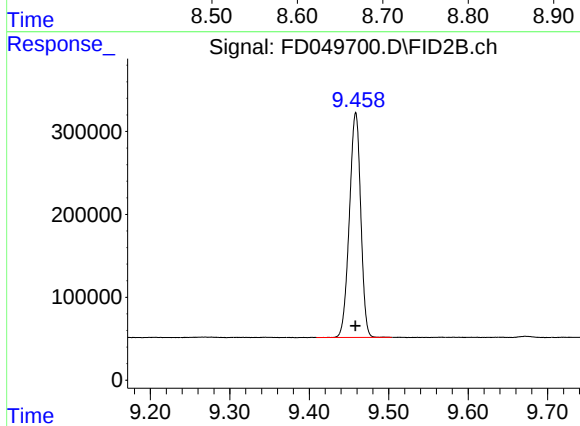
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.578 min
Delta R.T.: 0.000 min
Response: 1591817
Conc: 21.79 ug/ml



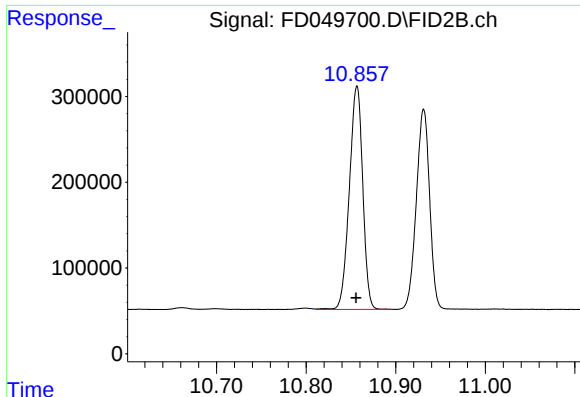
#7 Acenaphthene (C15.5)

R.T.: 8.677 min
Delta R.T.: 0.000 min
Response: 2580587
Conc: 20.52 ug/ml



#8 Flouorene (C16.55)

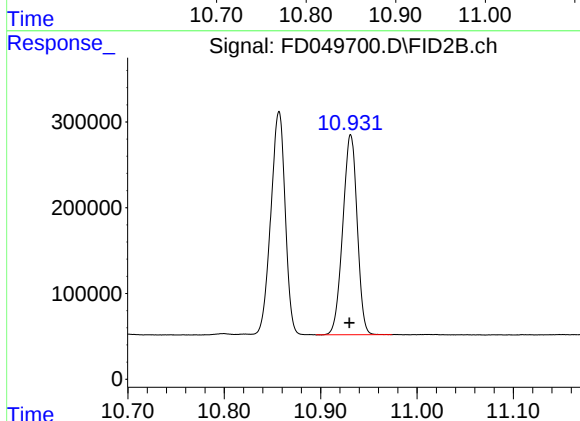
R.T.: 9.459 min
Delta R.T.: 0.000 min
Response: 2689326
Conc: 21.24 ug/ml



#9 Phenanthrene (C19.36)

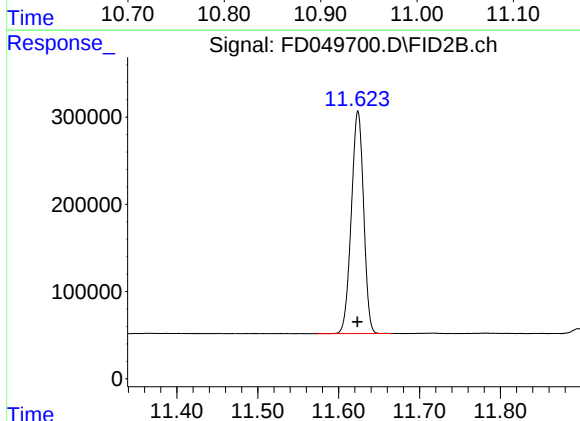
R.T.: 10.857 min
Delta R.T.: 0.001 min
Response: 2705914
Conc: 20.95 ug/ml

Instrument :
FID_C
ClientSampleId :



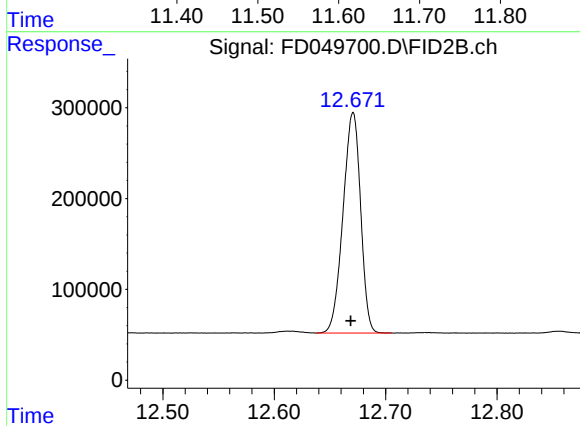
#10 Anthracene (C19.43)

R.T.: 10.931 min
Delta R.T.: 0.001 min
Response: 2407935
Conc: 19.55 ug/ml



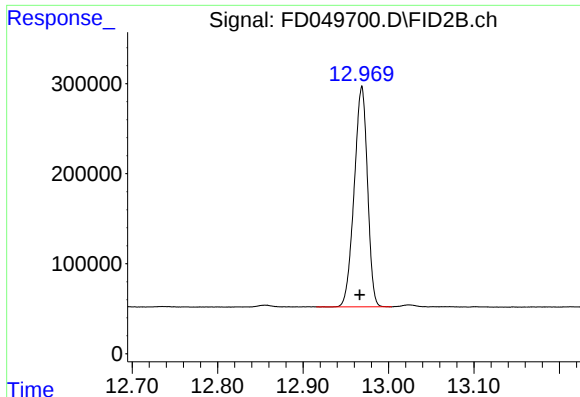
#11 ortho-Terphenyl (SURR)

R.T.: 11.624 min
Delta R.T.: 0.000 min
Response: 2690972
Conc: 20.73 ug/ml



#12 Fluoranthene (C21.85)

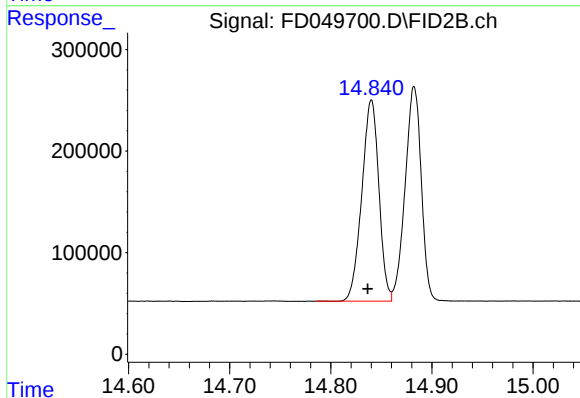
R.T.: 12.671 min
Delta R.T.: 0.002 min
Response: 2664605
Conc: 20.81 ug/ml



#13 Pyrene (C20.8)

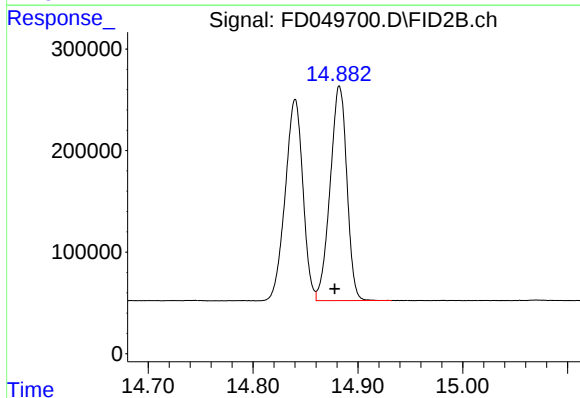
R.T.: 12.969 min
Delta R.T.: 0.003 min
Response: 2643239
Conc: 20.82 ug/ml

Instrument :
FID_C
ClientSampleId :



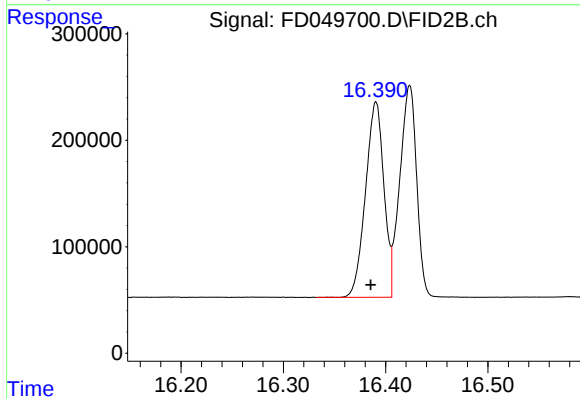
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.840 min
Delta R.T.: 0.004 min
Response: 2321801
Conc: 20.12 ug/ml



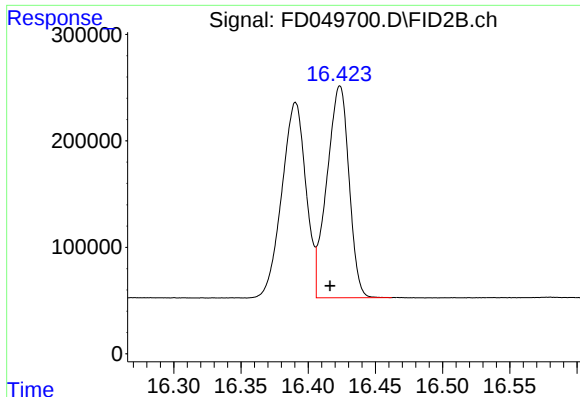
#15 Chrysene (C27.41)

R.T.: 14.882 min
Delta R.T.: 0.004 min
Response: 2343837
Conc: 20.02 ug/ml



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

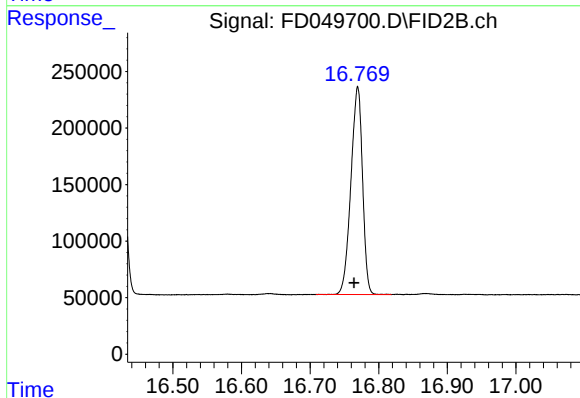
R.T.: 16.391 min
Delta R.T.: 0.005 min
Response: 2288388
Conc: 20.12 ug/ml



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

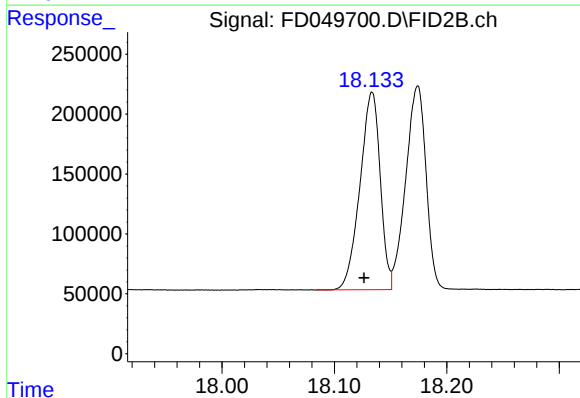
R.T.: 16.424 min
Delta R.T.: 0.007 min
Response: 2277205
Conc: 21.27 ug/ml

Instrument :
FID_C
ClientSampleId :



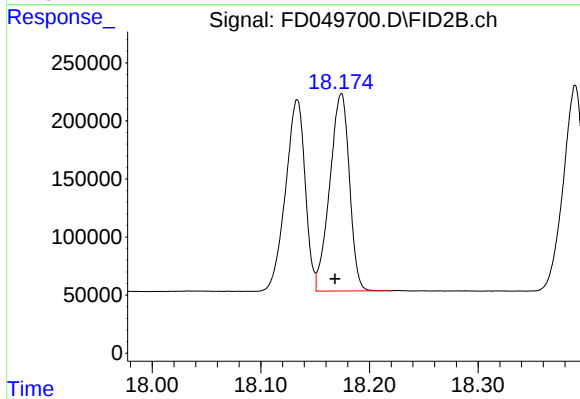
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.770 min
Delta R.T.: 0.005 min
Response: 2162444
Conc: 19.49 ug/ml



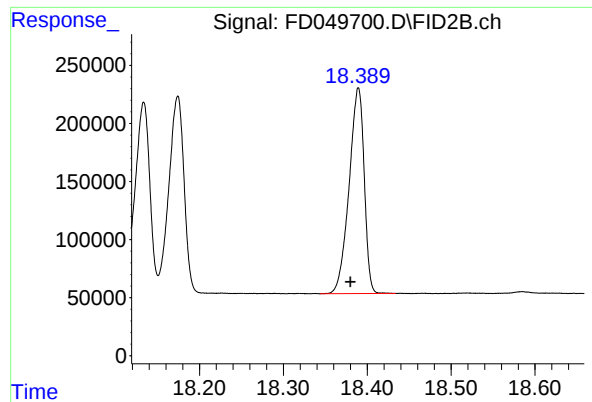
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.134 min
Delta R.T.: 0.007 min
Response: 2065815
Conc: 20.04 ug/ml



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

R.T.: 18.174 min
Delta R.T.: 0.006 min
Response: 2138995
Conc: 19.62 ug/ml



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

R.T.: 18.389 min
Delta R.T.: 0.009 min
Response: 2214141
Conc: 20.26 ug/ml

Instrument :

FID_C

ClientSampleId :