

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050125AR\
 Data File : FD049303.D
 Signal(s) : FID2B.ch
 Acq On : 01 May 2025 13:31
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD ICV
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 01 14:31:13 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 050125.M
 Quant Title : GC Extractables
 QLast Update : Thu May 01 13:29:48 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...	7.739	2463844	20.780 ug/ml
Spiked Amount 50.000		Recovery =	41.56%
6) S 2-Fluorobiphenyl (SURR)	8.605	1634987	20.703 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.41%
11) S ortho-Terphenyl (SURR)	11.649	2843246	20.600 ug/ml
Spiked Amount 50.000		Recovery =	41.20%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.531	2586379	20.715 ug/ml
2) T Naphthalene (C11.7)	6.075	2718291	20.561 ug/ml
3) T 2-Methylnaphthalene (...)	7.129	2677906	20.758 ug/ml
5) T Acenaphthylene (C15.06)	8.408	2925539	20.724 ug/ml
7) T Acenaphthene (C15.5)	8.703	2839578	20.725 ug/ml
8) T Flouorene (C16.55)	9.485	2821446	20.728 ug/ml
9) T Phenanthrene (C19.36)	10.883	2757134	20.450 ug/ml
10) T Anthracene (C19.43)	10.957	2430615	20.552 ug/ml
12) T Fluoranthene (C21.85)	12.697	2761084	20.488 ug/ml
13) T Pyrene (C20.8)	12.995	2761336	20.413 ug/ml
14) T Benzo[a]anthracene (C...	14.866	2319946	20.254 ug/ml
15) T Chrysene (C27.41)	14.908	2361362	20.232 ug/ml
16) T benzo[b]fluoranthene ...	16.416	2465786	20.314 ug/ml
17) T Bnezo[k]fluoranthene ...	16.448	2425894	20.341 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.795	2350703	20.444 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.158	2223472	20.261 ug/ml
20) T Dibenz[a,h]anthracene...	18.199	2176851	20.611 ug/ml
21) T Benzo[g,h,i]perylene ...	18.415	2437299	20.452 ug/ml

(f)=RT Delta > 1/2 Window

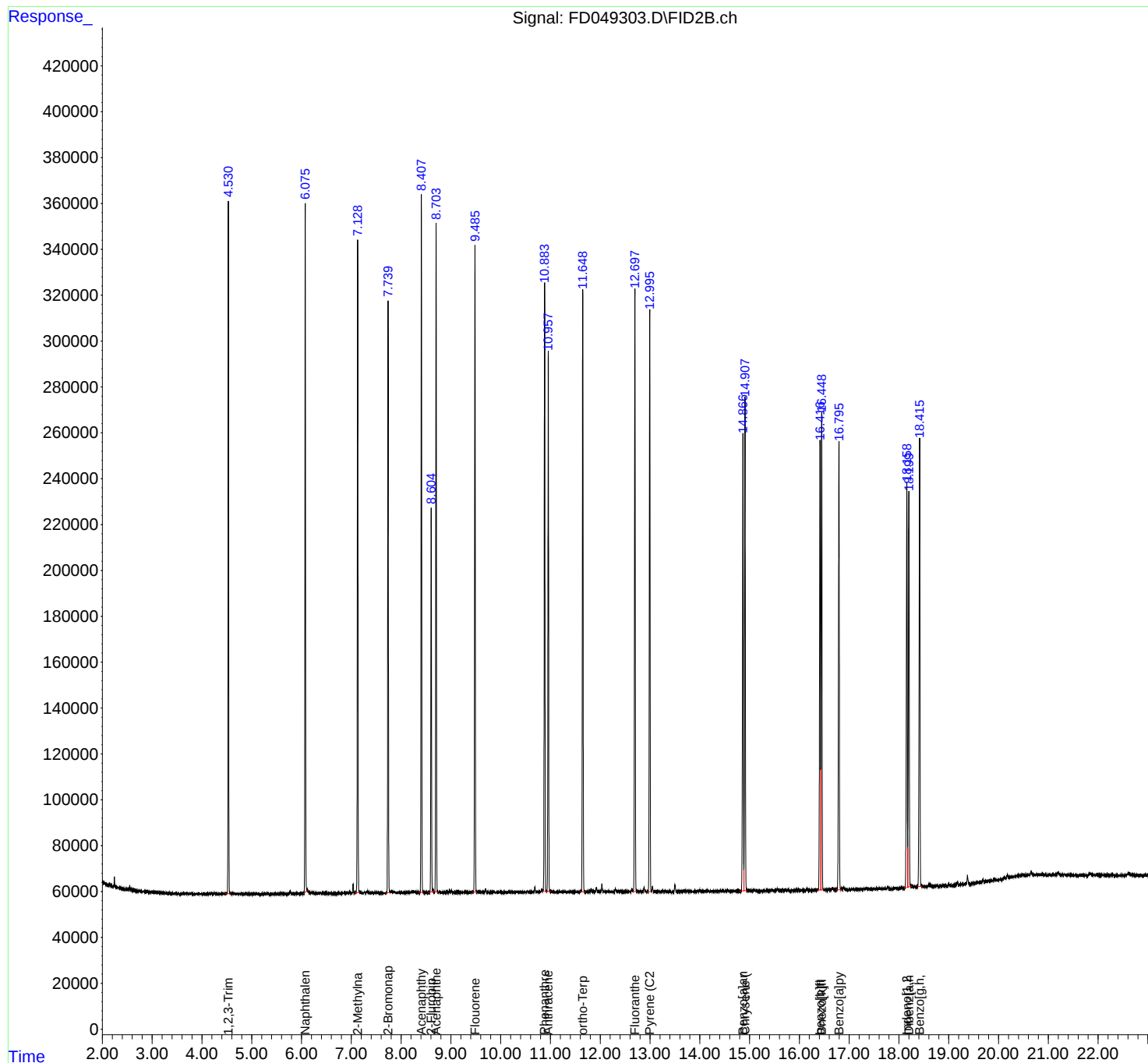
(m)=manual int.

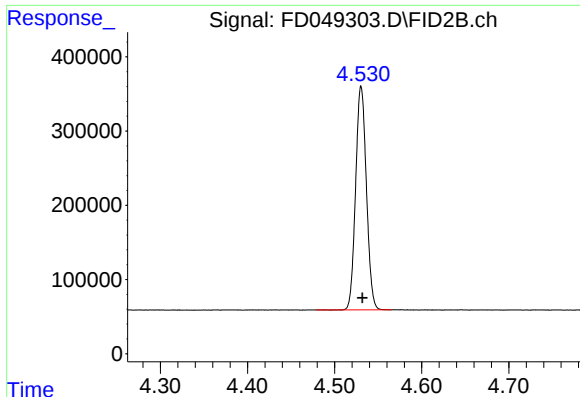
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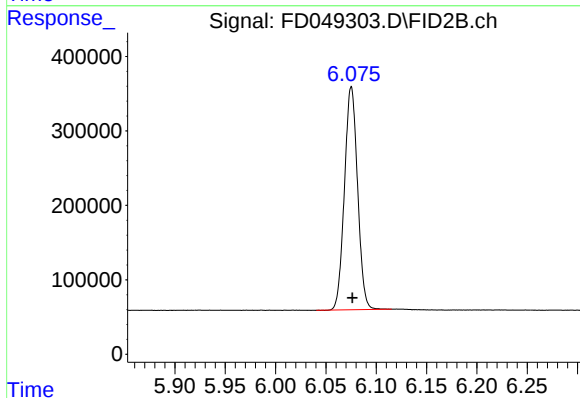




#1 1,2,3-Trimethylbenzene (C10.1)

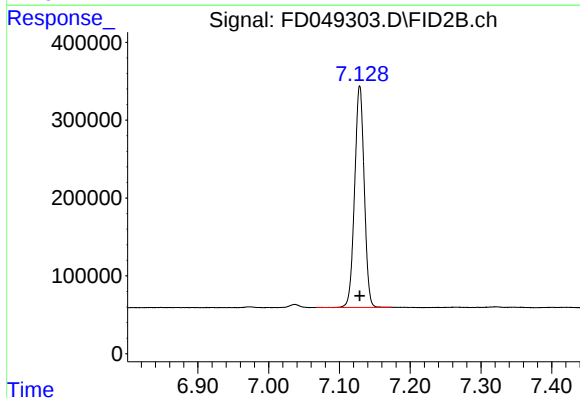
R.T.: 4.531 min
Delta R.T.: -0.002 min
Response: 2586379
Conc: 20.71 ug/ml

Instrument :
FID_D
ClientSampleId :



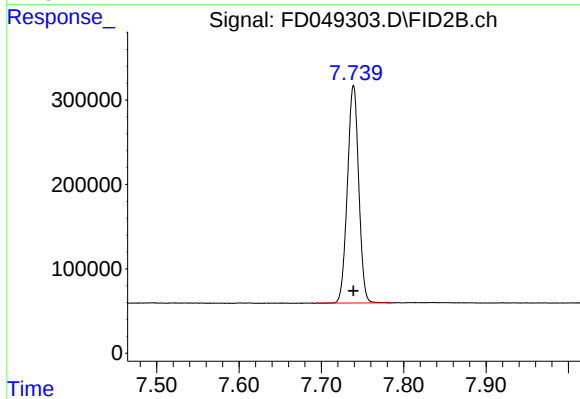
#2 Naphthalene (C11.7)

R.T.: 6.075 min
Delta R.T.: -0.001 min
Response: 2718291
Conc: 20.56 ug/ml



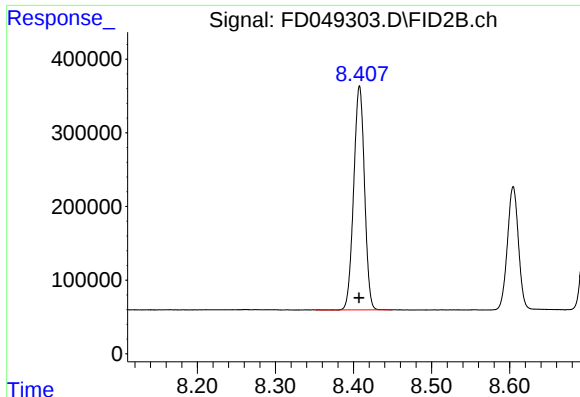
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.129 min
Delta R.T.: 0.000 min
Response: 2677906
Conc: 20.76 ug/ml



#4 2-Bromonaphthalene (SURR)

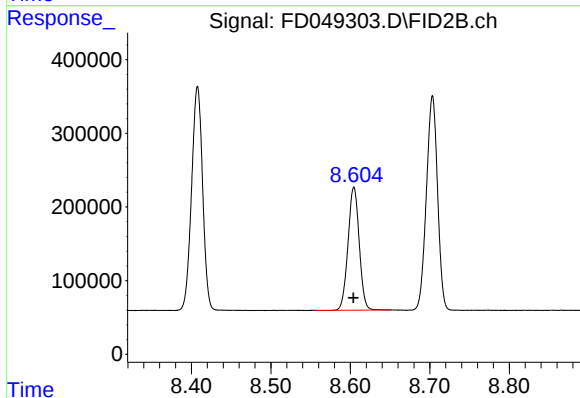
R.T.: 7.739 min
Delta R.T.: 0.000 min
Response: 2463844
Conc: 20.78 ug/ml



#5 Acenaphthylene (C15.06)

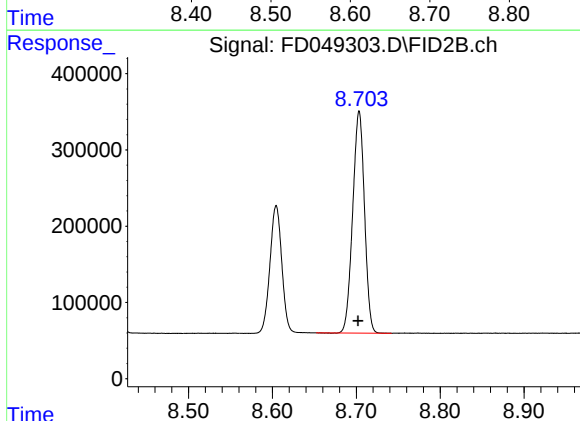
R.T.: 8.408 min
Delta R.T.: 0.000 min
Response: 2925539
Conc: 20.72 ug/ml

Instrument :
FID_D
ClientSampleId :



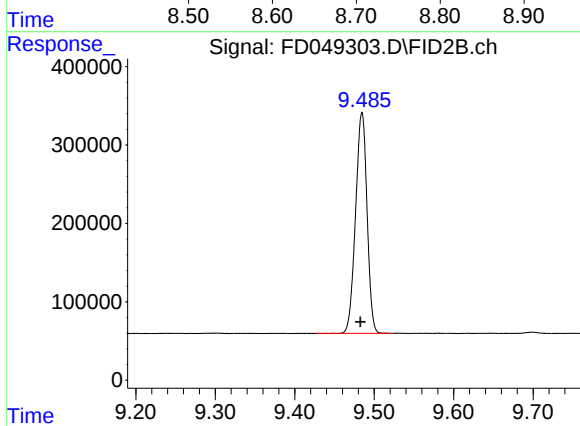
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.605 min
Delta R.T.: 0.000 min
Response: 1634987
Conc: 20.70 ug/ml



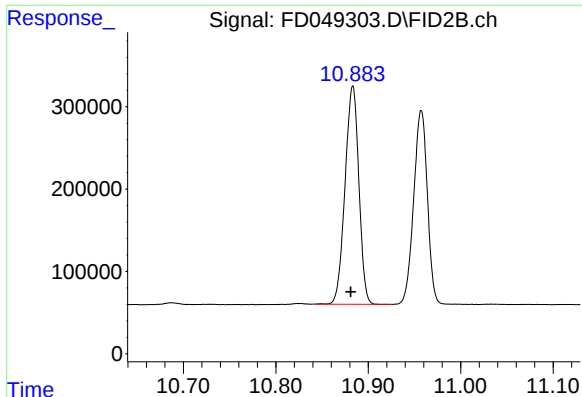
#7 Acenaphthene (C15.5)

R.T.: 8.703 min
Delta R.T.: 0.001 min
Response: 2839578
Conc: 20.72 ug/ml



#8 Flouorene (C16.55)

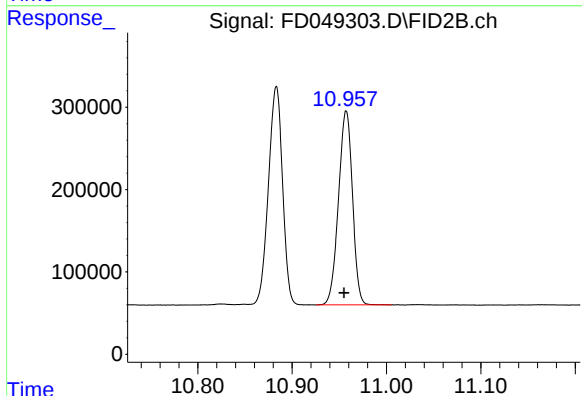
R.T.: 9.485 min
Delta R.T.: 0.002 min
Response: 2821446
Conc: 20.73 ug/ml



#9 Phenanthrene (C19.36)

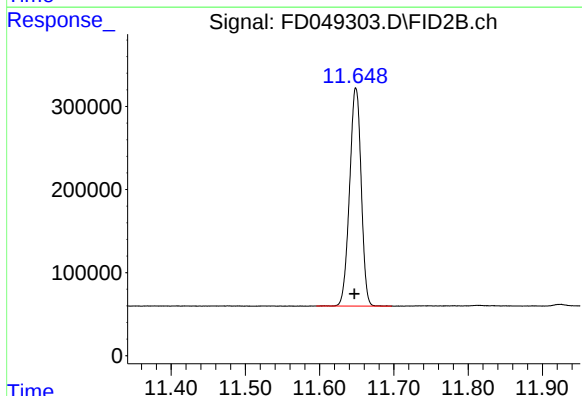
R.T.: 10.883 min
Delta R.T.: 0.002 min
Response: 2757134
Conc: 20.45 ug/ml

Instrument :
FID_D
ClientSampleId :



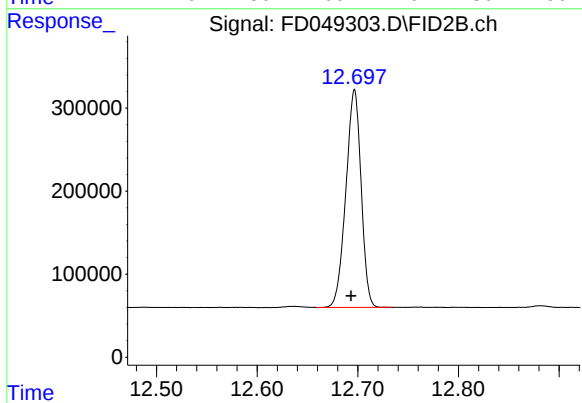
#10 Anthracene (C19.43)

R.T.: 10.957 min
Delta R.T.: 0.002 min
Response: 2430615
Conc: 20.55 ug/ml



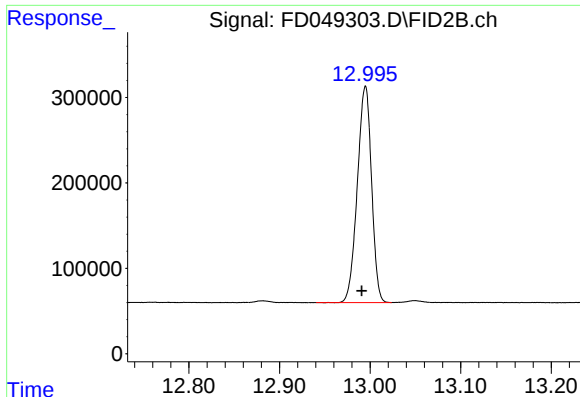
#11 ortho-Terphenyl (SURR)

R.T.: 11.649 min
Delta R.T.: 0.002 min
Response: 2843246
Conc: 20.60 ug/ml



#12 Fluoranthene (C21.85)

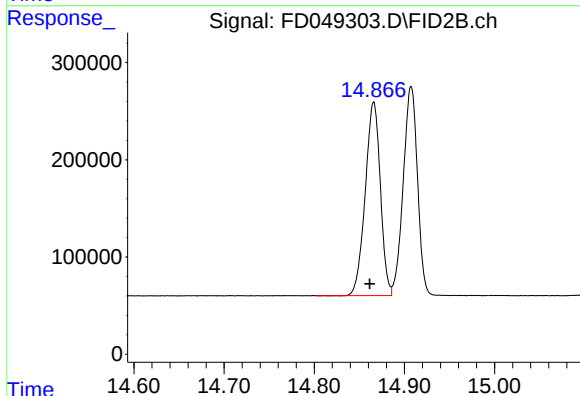
R.T.: 12.697 min
Delta R.T.: 0.004 min
Response: 2761084
Conc: 20.49 ug/ml



#13 Pyrene (C20.8)

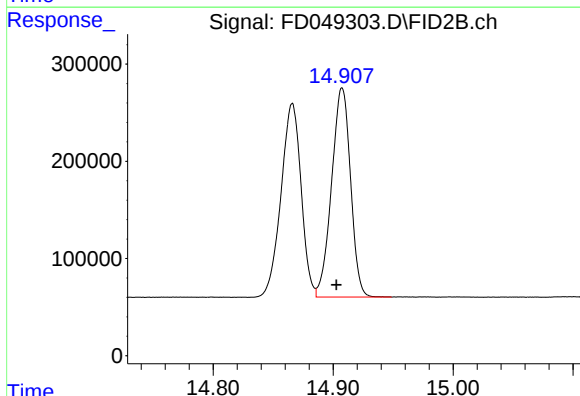
R.T.: 12.995 min
Delta R.T.: 0.004 min
Response: 2761336
Conc: 20.41 ug/ml

Instrument :
FID_D
ClientSampleId :



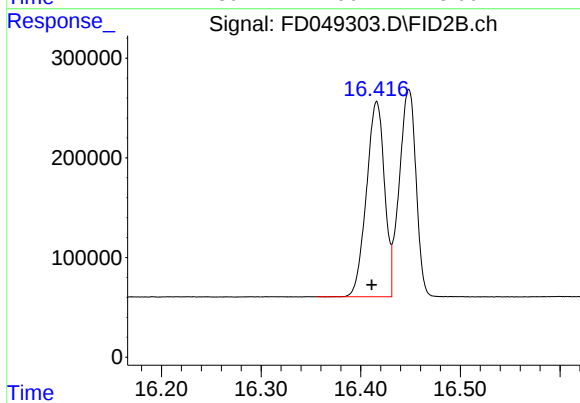
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.866 min
Delta R.T.: 0.005 min
Response: 2319946
Conc: 20.25 ug/ml



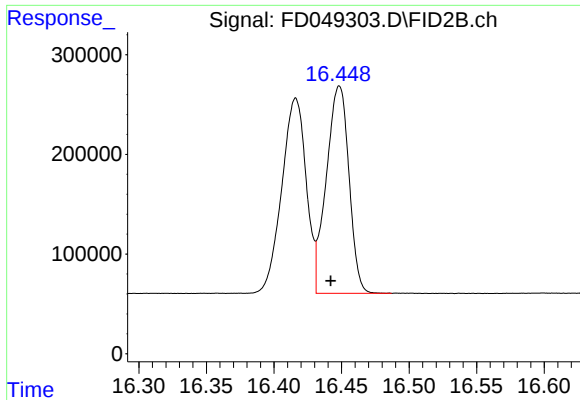
#15 Chrysene (C27.41)

R.T.: 14.908 min
Delta R.T.: 0.005 min
Response: 2361362
Conc: 20.23 ug/ml



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

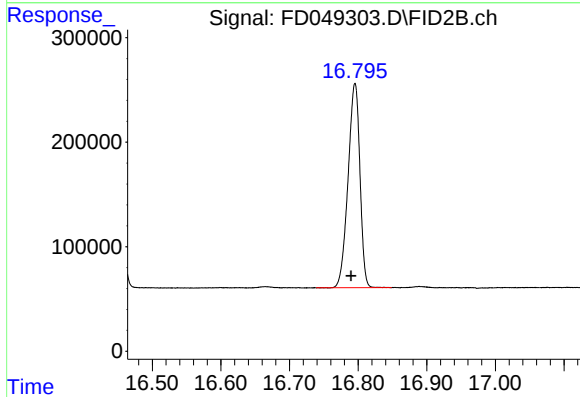
R.T.: 16.416 min
Delta R.T.: 0.005 min
Response: 2465786
Conc: 20.31 ug/ml



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

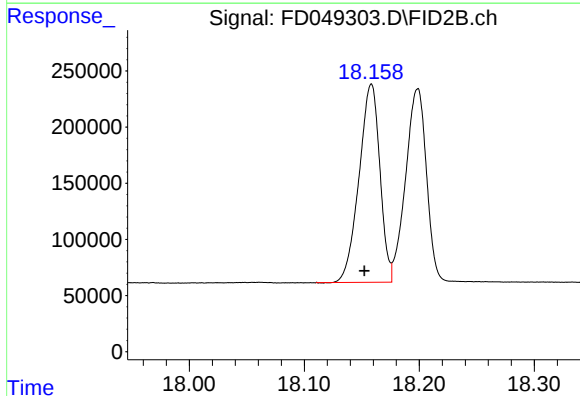
R.T.: 16.448 min
Delta R.T.: 0.006 min
Response: 2425894
Conc: 20.34 ug/ml

Instrument :
FID_D
ClientSampleId :



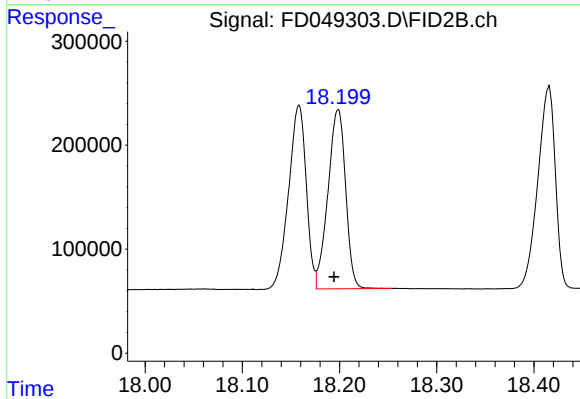
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.795 min
Delta R.T.: 0.006 min
Response: 2350703
Conc: 20.44 ug/ml



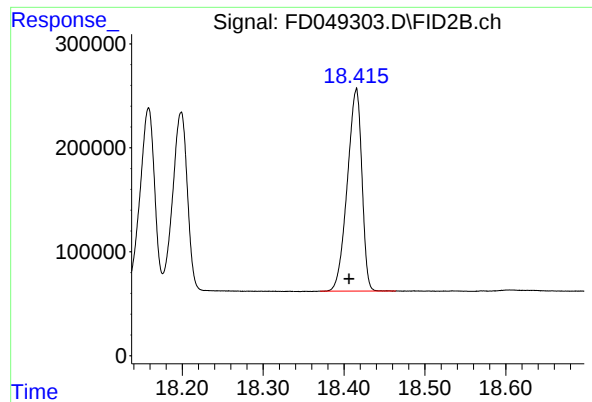
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.158 min
Delta R.T.: 0.006 min
Response: 2223472
Conc: 20.26 ug/ml



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

R.T.: 18.199 min
Delta R.T.: 0.004 min
Response: 2176851
Conc: 20.61 ug/ml



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

R.T.: 18.415 min
Delta R.T.: 0.009 min
Response: 2437299
Conc: 20.45 ug/ml

Instrument :

FID_D

ClientSampleId :