

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD090825AR\
 Data File : FD049734.D
 Signal(s) : FID2B.ch
 Acq On : 08 Sep 2025 18:32
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 09 06:01:20 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 090425.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 05 06:31:58 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...	7.696	2478963	22.042 ug/ml
Spiked Amount 50.000		Recovery =	44.08%
6) S 2-Fluorobiphenyl (SURR)	8.560	1735190	21.617 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	43.23%
11) S ortho-Terphenyl (SURR)	11.606	3005630	21.244 ug/ml
Spiked Amount 50.000		Recovery =	42.49%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.488	2403717	22.308 ug/ml
2) T Naphthalene (C11.7)	6.031	2781586	22.367 ug/ml
3) T 2-Methylnaphthalene (...)	7.085	2885104	22.136 ug/ml
5) T Acenaphthylene (C15.06)	8.364	3012507	21.729 ug/ml
7) T Acenaphthene (C15.5)	8.660	3012548	21.732 ug/ml
8) T Flouorene (C16.55)	9.441	2969953	21.411 ug/ml
9) T Phenanthrene (C19.36)	10.838	2915129	20.926 ug/ml
10) T Anthracene (C19.43)	10.913	2689526	20.369 ug/ml
12) T Fluoranthene (C21.85)	12.652	2766832	20.545 ug/ml
13) T Pyrene (C20.8)	12.950	2728475	20.511 ug/ml
14) T Benzo[a]anthracene (C...	14.821	2374951	19.860 ug/ml
15) T Chrysene (C27.41)	14.864	2414931	19.851 ug/ml
16) T benzo[b]fluoranthene ...	16.372	2401669	20.036 ug/ml
17) T Bnezo[k]fluoranthene ...	16.404	2257130	20.032 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.750	2347338	20.003 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.114	2148488	19.749 ug/ml
20) T Dibenz[a,h]anthracene...	18.154	2275372	19.968 ug/ml
21) T Benzo[g,h,i]perylene ...	18.370	2342309	20.130 ug/ml

(f)=RT Delta > 1/2 Window

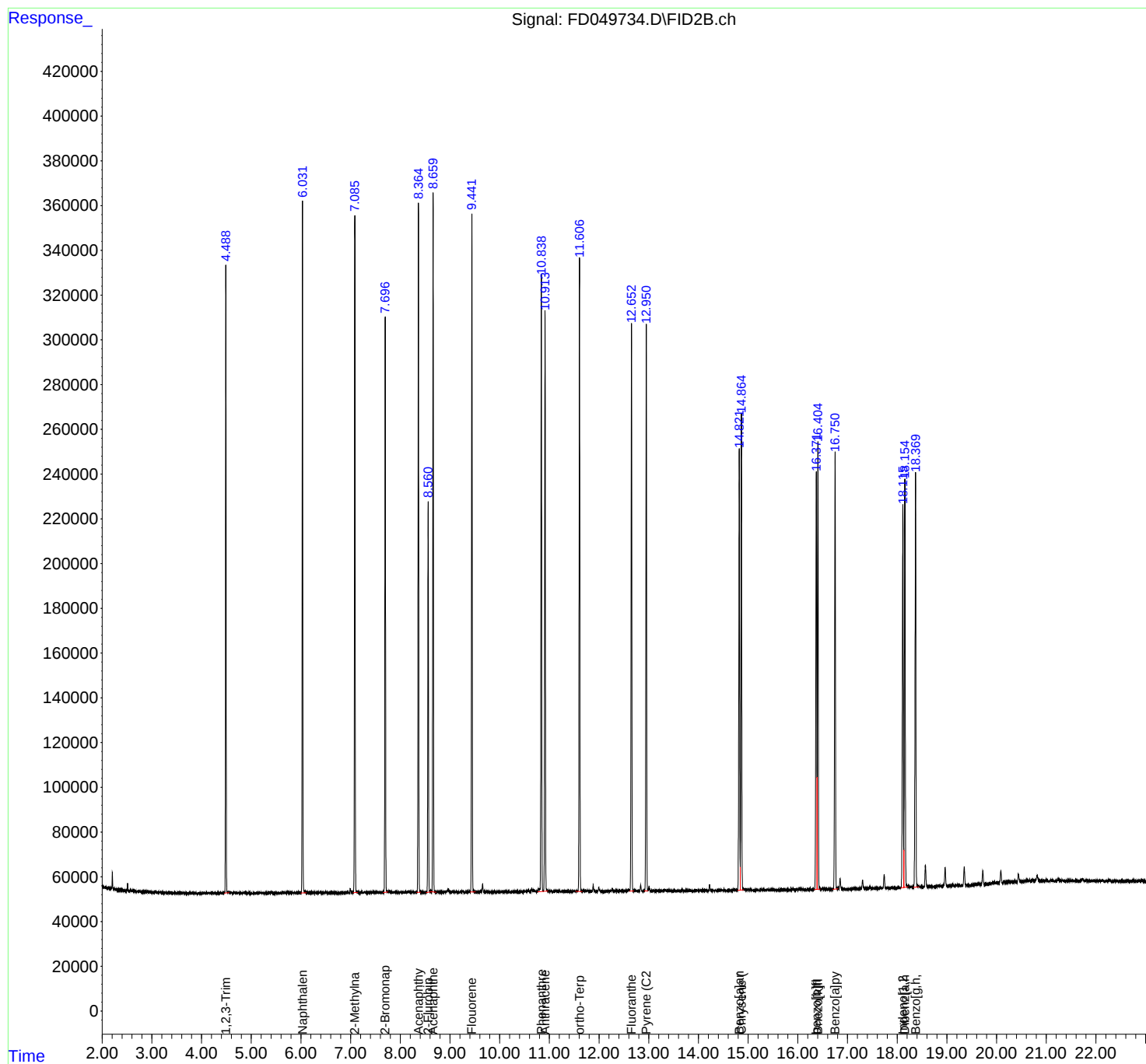
(m)=manual int.

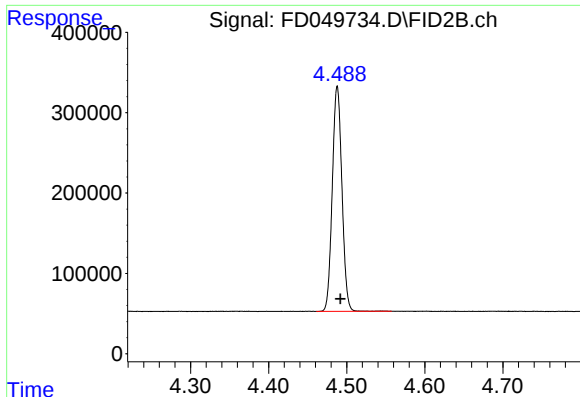
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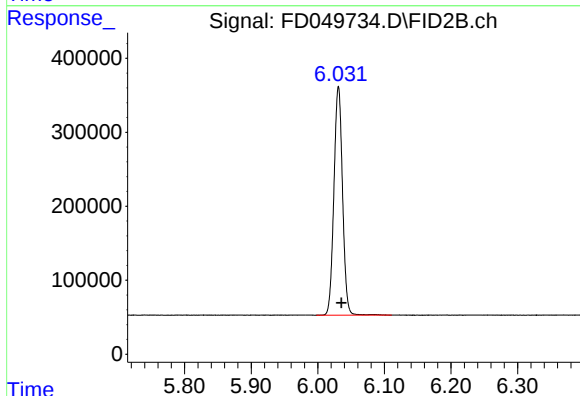




#1 1,2,3-Trimethylbenzene (C10.1)

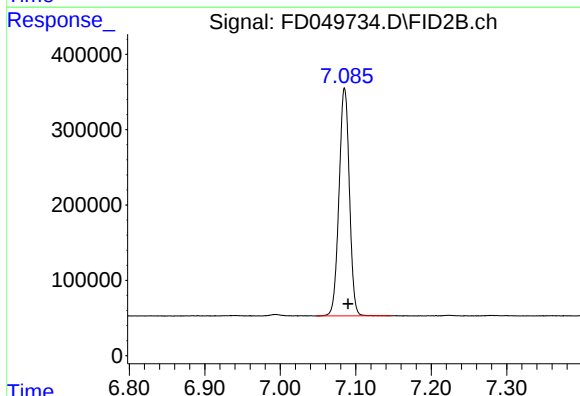
R.T.: 4.488 min
Delta R.T.: -0.004 min
Response: 2403717
Conc: 22.31 ug/ml

Instrument :
FID_E
ClientSampleId :



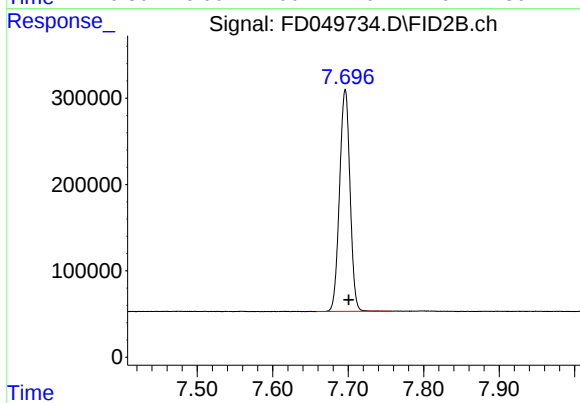
#2 Naphthalene (C11.7)

R.T.: 6.031 min
Delta R.T.: -0.004 min
Response: 2781586
Conc: 22.37 ug/ml



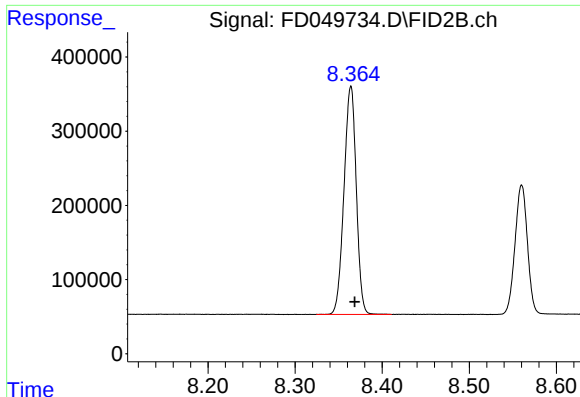
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.085 min
Delta R.T.: -0.005 min
Response: 2885104
Conc: 22.14 ug/ml



#4 2-Bromonaphthalene (SURR)

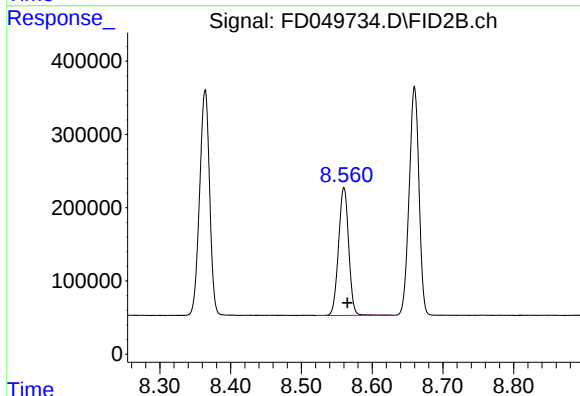
R.T.: 7.696 min
Delta R.T.: -0.005 min
Response: 2478963
Conc: 22.04 ug/ml



#5 Acenaphthylene (C15.06)

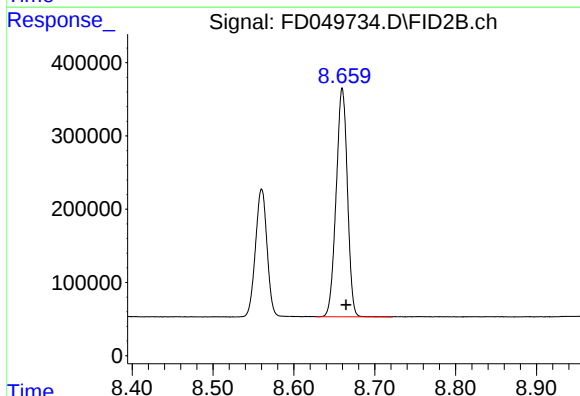
R.T.: 8.364 min
Delta R.T.: -0.005 min
Response: 3012507
Conc: 21.73 ug/ml

Instrument :
FID_E
ClientSampleId :



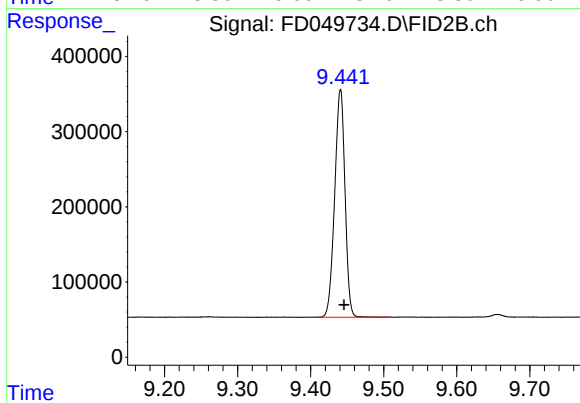
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.560 min
Delta R.T.: -0.005 min
Response: 1735190
Conc: 21.62 ug/ml



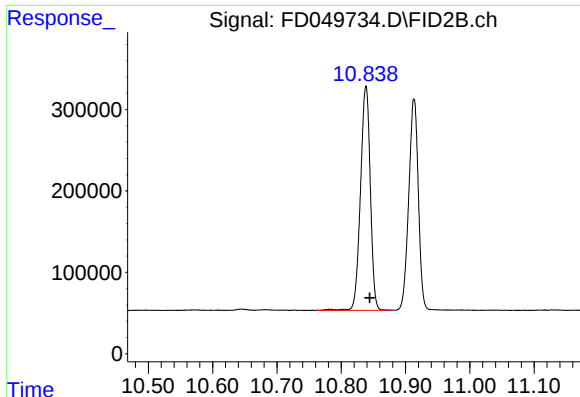
#7 Acenaphthene (C15.5)

R.T.: 8.660 min
Delta R.T.: -0.005 min
Response: 3012548
Conc: 21.73 ug/ml



#8 Flouorene (C16.55)

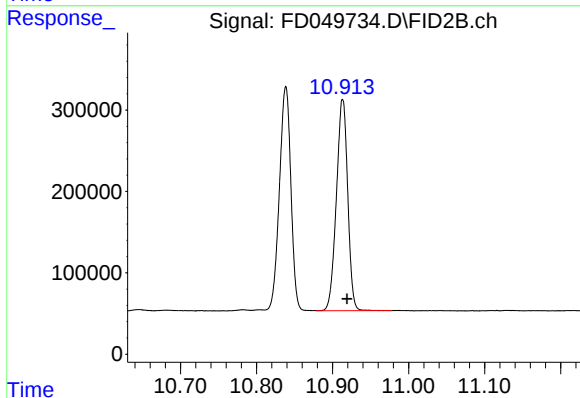
R.T.: 9.441 min
Delta R.T.: -0.005 min
Response: 2969953
Conc: 21.41 ug/ml



#9 Phenanthrene (C19.36)

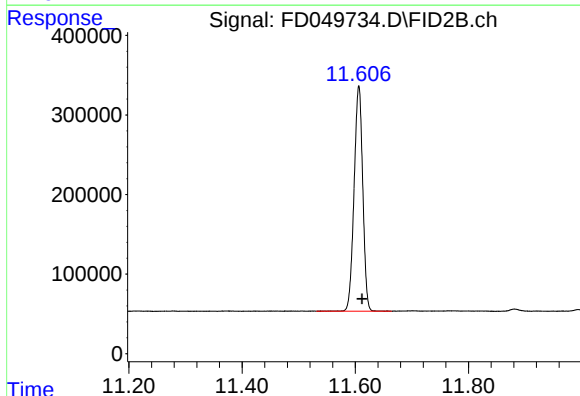
R.T.: 10.838 min
Delta R.T.: -0.006 min
Response: 2915129
Conc: 20.93 ug/ml

Instrument :
FID_E
ClientSampleId :



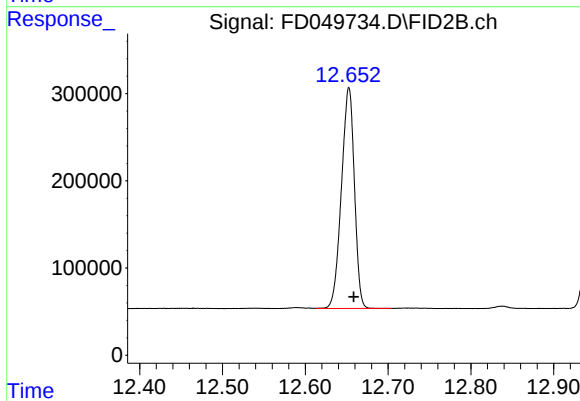
#10 Anthracene (C19.43)

R.T.: 10.913 min
Delta R.T.: -0.006 min
Response: 2689526
Conc: 20.37 ug/ml



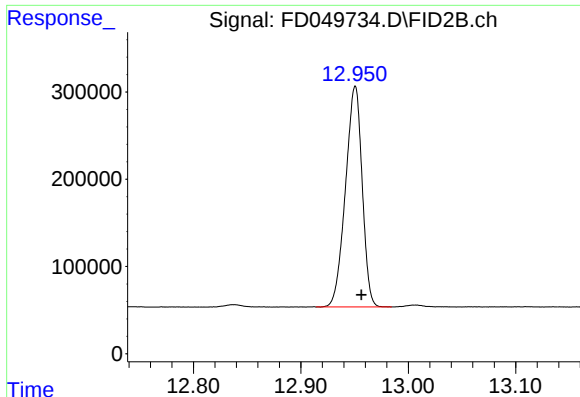
#11 ortho-Terphenyl (SURR)

R.T.: 11.606 min
Delta R.T.: -0.006 min
Response: 3005630
Conc: 21.24 ug/ml



#12 Fluoranthene (C21.85)

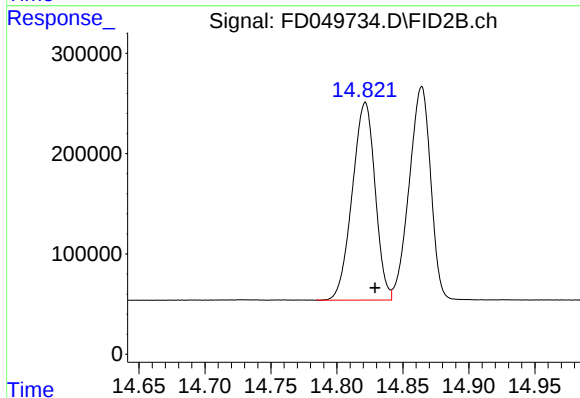
R.T.: 12.652 min
Delta R.T.: -0.006 min
Response: 2766832
Conc: 20.55 ug/ml



#13 Pyrene (C20.8)

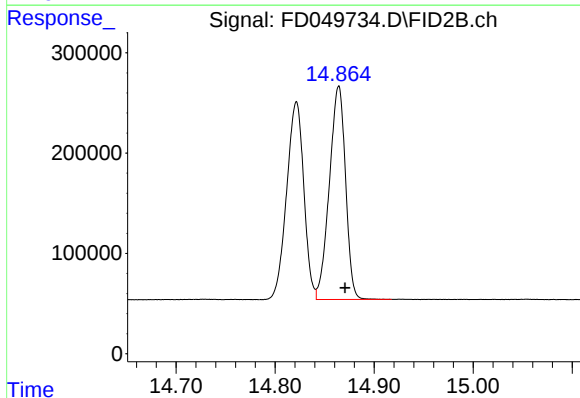
R.T.: 12.950 min
Delta R.T.: -0.006 min
Response: 2728475
Conc: 20.51 ug/ml

Instrument :
FID_E
ClientSampleId :



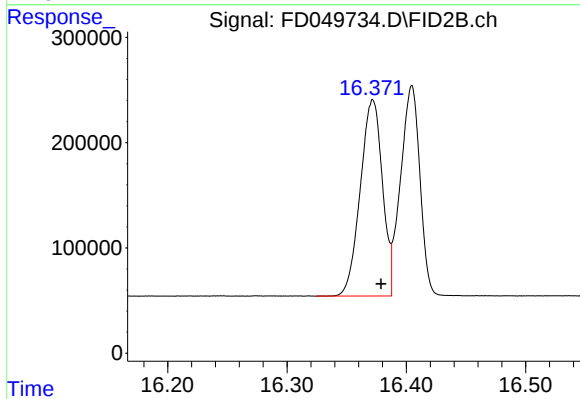
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.821 min
Delta R.T.: -0.008 min
Response: 2374951
Conc: 19.86 ug/ml



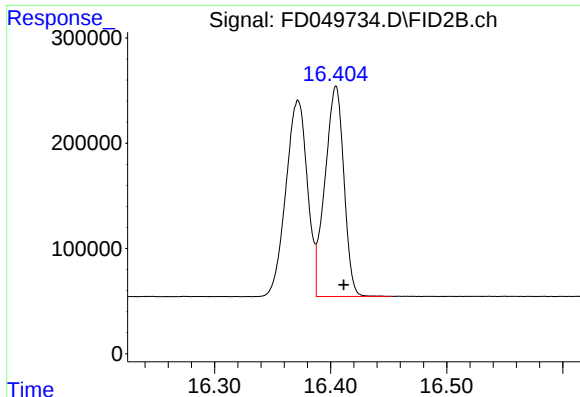
#15 Chrysene (C27.41)

R.T.: 14.864 min
Delta R.T.: -0.007 min
Response: 2414931
Conc: 19.85 ug/ml



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

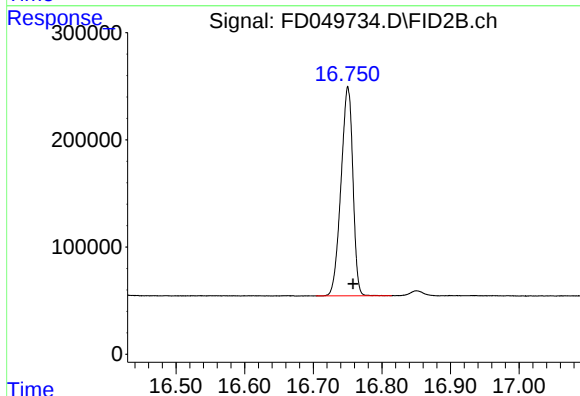
R.T.: 16.372 min
Delta R.T.: -0.007 min
Response: 2401669
Conc: 20.04 ug/ml



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

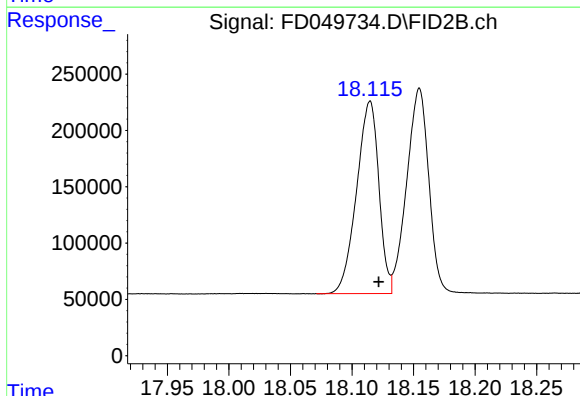
R.T.: 16.404 min
Delta R.T.: -0.007 min
Response: 2257130
Conc: 20.03 ug/ml

Instrument :
FID_E
ClientSampleId :



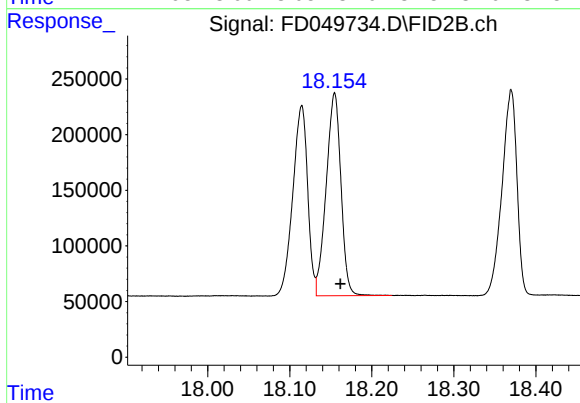
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.750 min
Delta R.T.: -0.007 min
Response: 2347338
Conc: 20.00 ug/ml



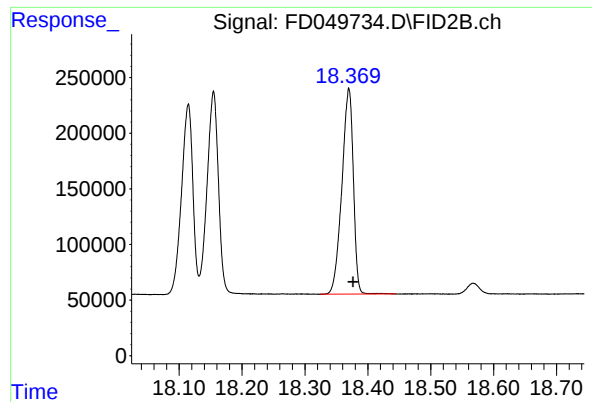
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.114 min
Delta R.T.: -0.008 min
Response: 2148488
Conc: 19.75 ug/ml



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

R.T.: 18.154 min
Delta R.T.: -0.007 min
Response: 2275372
Conc: 19.97 ug/ml



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

R.T.: 18.370 min
Delta R.T.: -0.007 min
Response: 2342309
Conc: 20.13 ug/ml

Instrument :

FID_E

ClientSampleId :