

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD090425AR\
 Data File : FD049725.D
 Signal(s) : FID2B.ch
 Acq On : 04 Sep 2025 15:08
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 05 06:34:04 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...	7.697	2244380	19.957 ug/ml
Spiked Amount 50.000		Recovery =	39.91%
6) S 2-Fluorobiphenyl (SURR)	8.561	1596134	19.884 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.77%
11) S ortho-Terphenyl (SURR)	11.609	2787014	19.699 ug/ml
Spiked Amount 50.000		Recovery =	39.40%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.488	2160214	20.048 ug/ml
2) T Naphthalene (C11.7)	6.031	2493012	20.047 ug/ml
3) T 2-Methylnaphthalene (...)	7.086	2603526	19.976 ug/ml
5) T Acenaphthylene (C15.06)	8.365	2755095	19.872 ug/ml
7) T Acenaphthene (C15.5)	8.661	2756126	19.882 ug/ml
8) T Flouorene (C16.55)	9.442	2757061	19.876 ug/ml
9) T Phenanthrene (C19.36)	10.841	2769368	19.880 ug/ml
10) T Anthracene (C19.43)	10.915	2619682	19.840 ug/ml
12) T Fluoranthene (C21.85)	12.655	2669544	19.823 ug/ml
13) T Pyrene (C20.8)	12.952	2644858	19.883 ug/ml
14) T Benzo[a]anthracene (C...	14.824	2370162	19.820 ug/ml
15) T Chrysene (C27.41)	14.867	2401851	19.743 ug/ml
16) T benzo[b]fluoranthene ...	16.375	2372026	19.789 ug/ml
17) T Bnezo[k]fluoranthene ...	16.407	2229242	19.785 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.754	2324410	19.808 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.117	2128512	19.565 ug/ml
20) T Dibenz[a,h]anthracene...	18.158	2234681	19.611 ug/ml
21) T Benzo[g,h,i]perylene ...	18.373	2304188	19.803 ug/ml

(f)=RT Delta > 1/2 Window

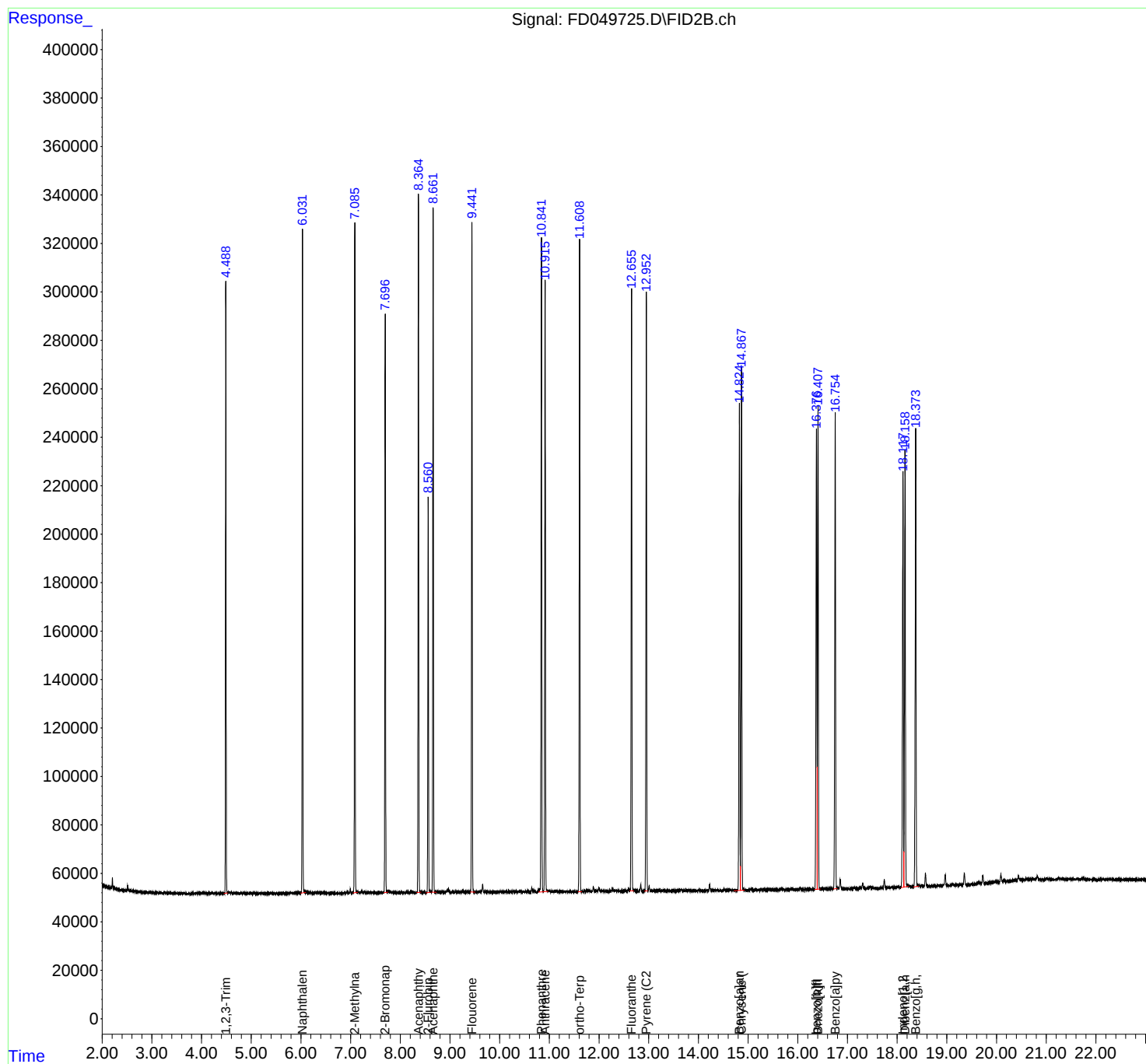
(m)=manual int.

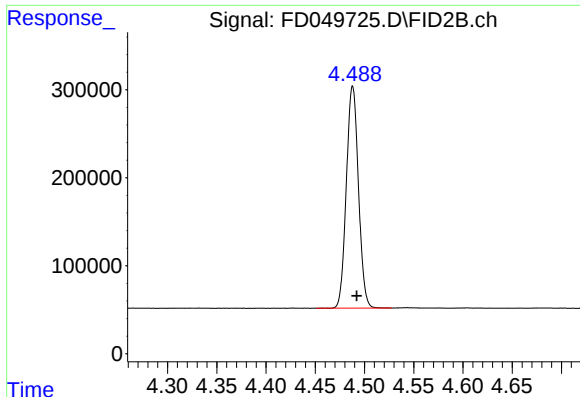
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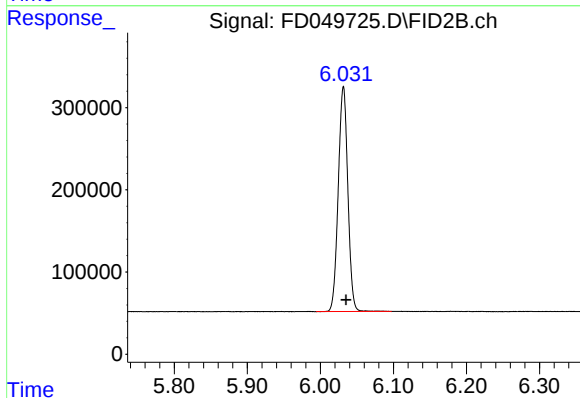




#1 1,2,3-Trimethylbenzene (C10.1)

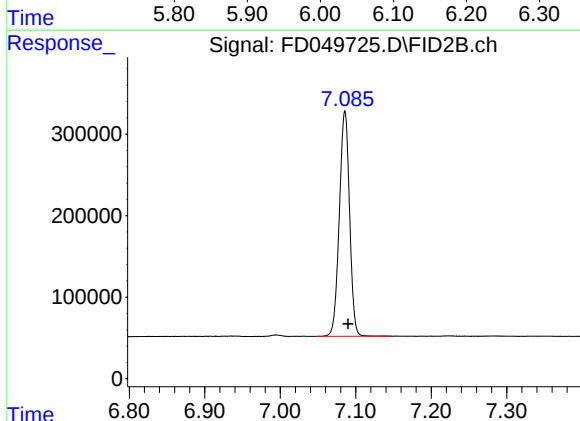
R.T.: 4.488 min
Delta R.T.: -0.004 min
Response: 2160214
Conc: 20.05 ug/ml

Instrument :
FID_D
ClientSampleId :



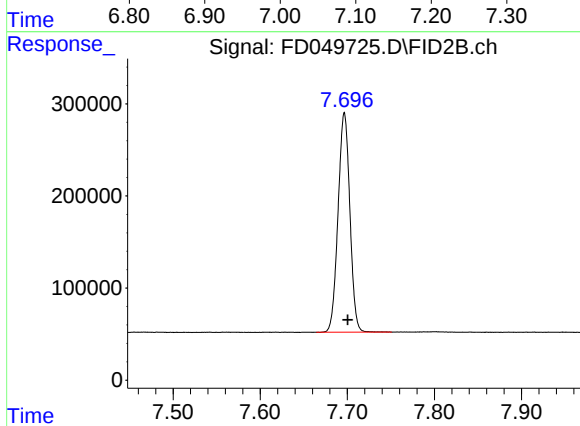
#2 Naphthalene (C11.7)

R.T.: 6.031 min
Delta R.T.: -0.004 min
Response: 2493012
Conc: 20.05 ug/ml



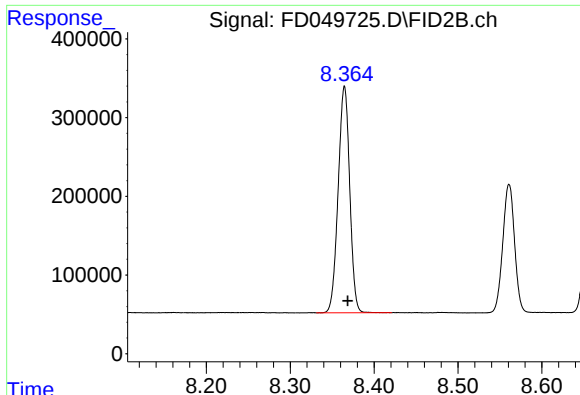
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.086 min
Delta R.T.: -0.004 min
Response: 2603526
Conc: 19.98 ug/ml



#4 2-Bromonaphthalene (SURR)

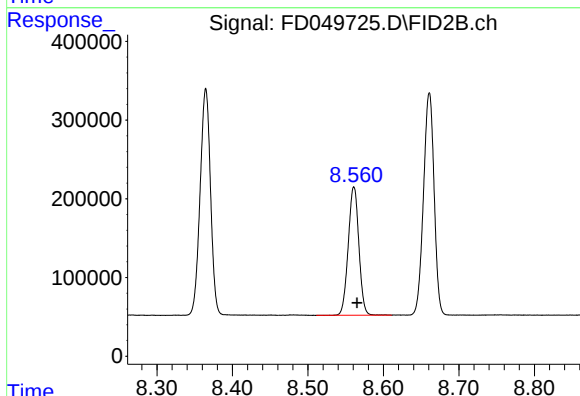
R.T.: 7.697 min
Delta R.T.: -0.004 min
Response: 2244380
Conc: 19.96 ug/ml



#5 Acenaphthylene (C15.06)

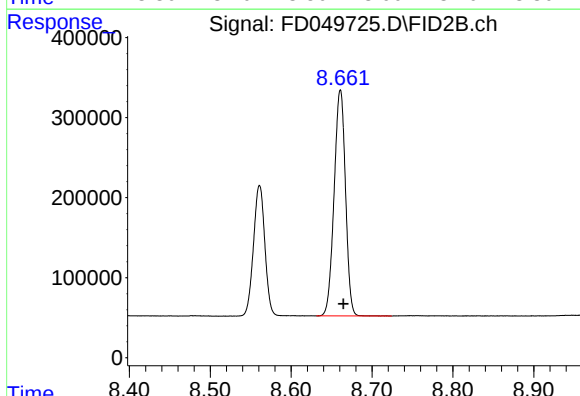
R.T.: 8.365 min
Delta R.T.: -0.004 min
Response: 2755095
Conc: 19.87 ug/ml

Instrument :
FID_D
ClientSampleId :



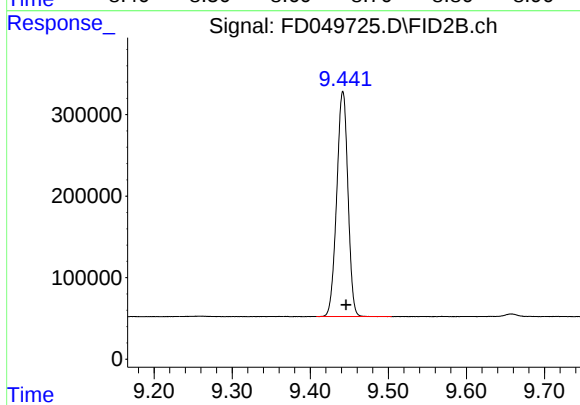
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.561 min
Delta R.T.: -0.004 min
Response: 1596134
Conc: 19.88 ug/ml



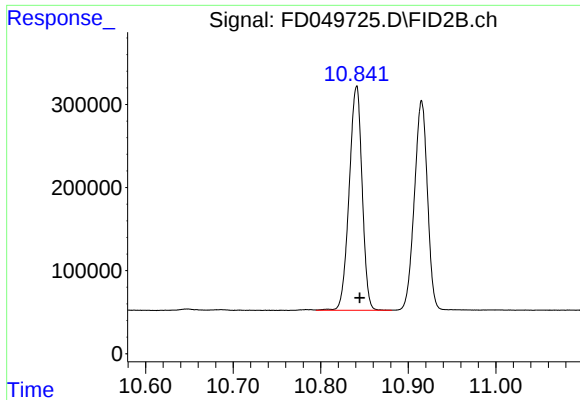
#7 Acenaphthene (C15.5)

R.T.: 8.661 min
Delta R.T.: -0.004 min
Response: 2756126
Conc: 19.88 ug/ml



#8 Flouorene (C16.55)

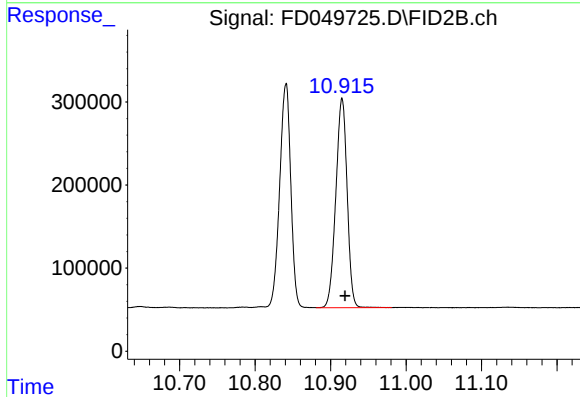
R.T.: 9.442 min
Delta R.T.: -0.004 min
Response: 2757061
Conc: 19.88 ug/ml



#9 Phenanthrene (C19.36)

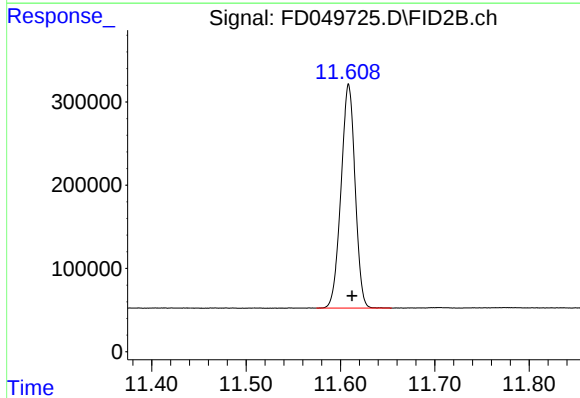
R.T.: 10.841 min
Delta R.T.: -0.004 min
Response: 2769368
Conc: 19.88 ug/ml

Instrument :
FID_D
ClientSampleId :



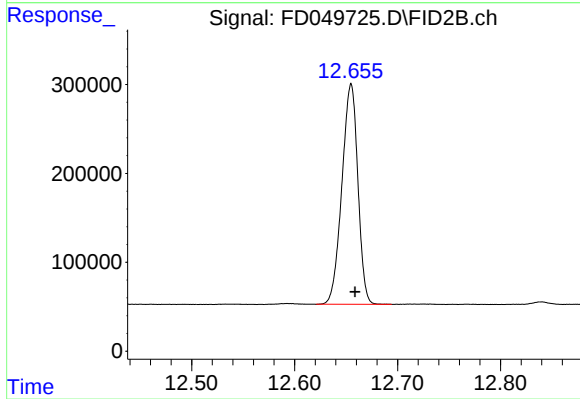
#10 Anthracene (C19.43)

R.T.: 10.915 min
Delta R.T.: -0.004 min
Response: 2619682
Conc: 19.84 ug/ml



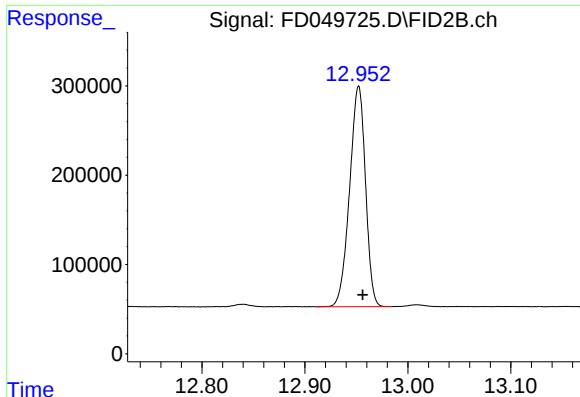
#11 ortho-Terphenyl (SURR)

R.T.: 11.609 min
Delta R.T.: -0.004 min
Response: 2787014
Conc: 19.70 ug/ml



#12 Fluoranthene (C21.85)

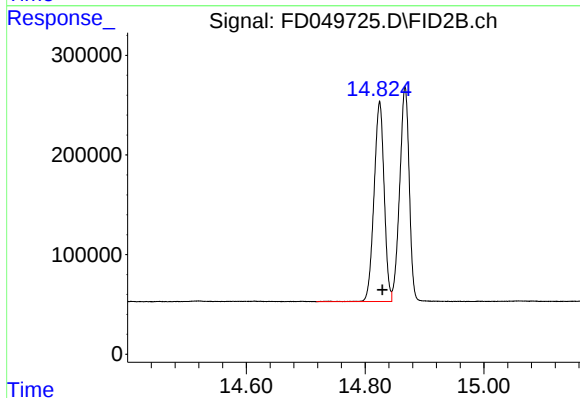
R.T.: 12.655 min
Delta R.T.: -0.004 min
Response: 2669544
Conc: 19.82 ug/ml



#13 Pyrene (C20.8)

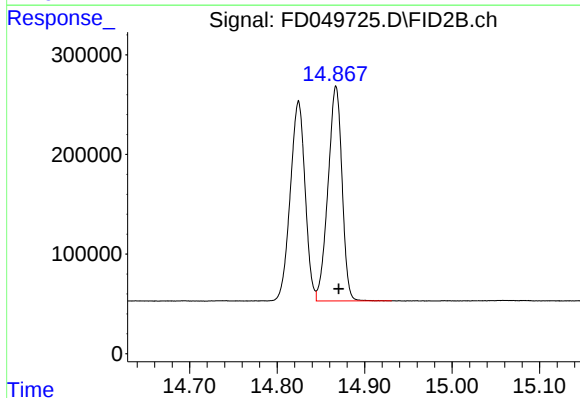
R.T.: 12.952 min
Delta R.T.: -0.004 min
Response: 2644858
Conc: 19.88 ug/ml

Instrument :
FID_D
ClientSampleId :



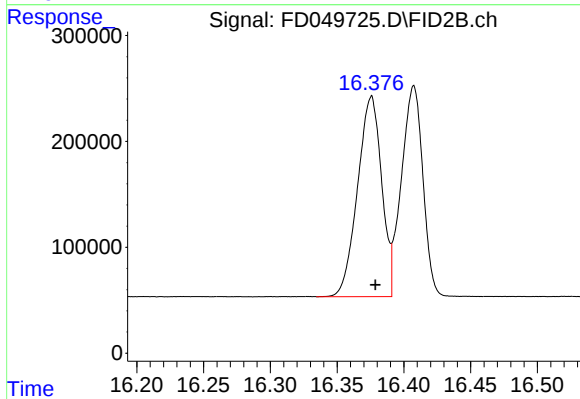
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.824 min
Delta R.T.: -0.005 min
Response: 2370162
Conc: 19.82 ug/ml



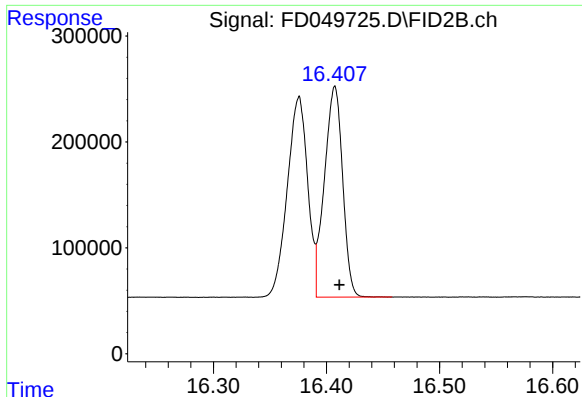
#15 Chrysene (C27.41)

R.T.: 14.867 min
Delta R.T.: -0.003 min
Response: 2401851
Conc: 19.74 ug/ml



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

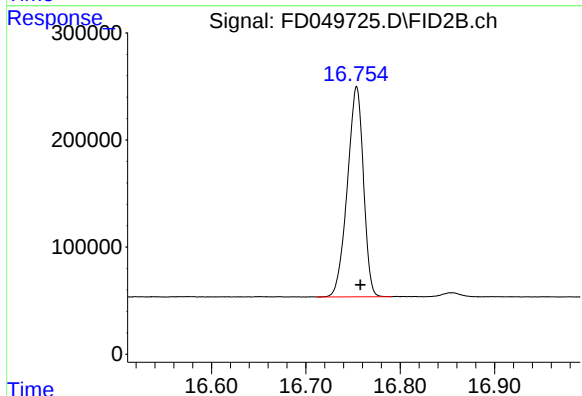
R.T.: 16.375 min
Delta R.T.: -0.003 min
Response: 2372026
Conc: 19.79 ug/ml



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

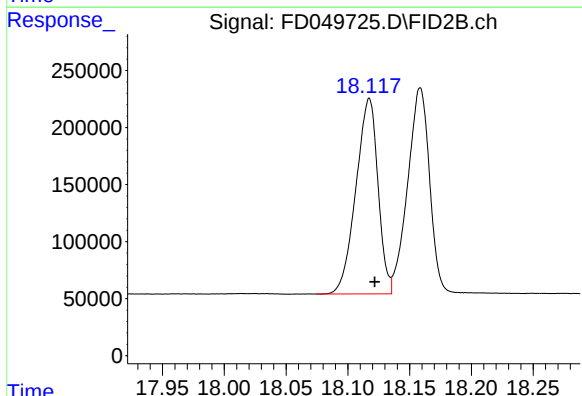
R.T.: 16.407 min
Delta R.T.: -0.004 min
Response: 2229242
Conc: 19.78 ug/ml

Instrument :
FID_D
ClientSampleId :



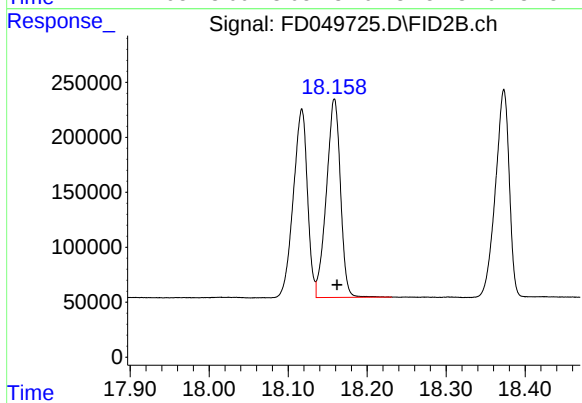
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.754 min
Delta R.T.: -0.004 min
Response: 2324410
Conc: 19.81 ug/ml



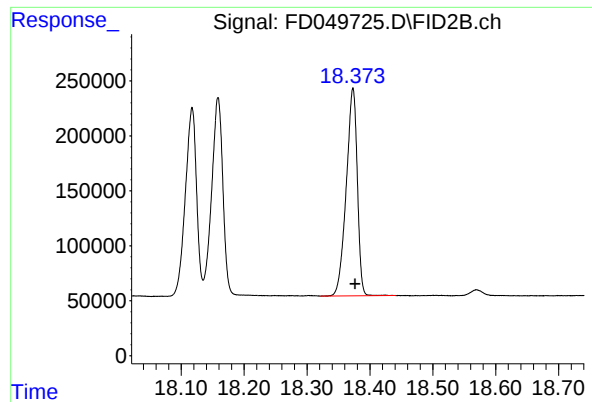
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.117 min
Delta R.T.: -0.005 min
Response: 2128512
Conc: 19.57 ug/ml



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

R.T.: 18.158 min
Delta R.T.: -0.003 min
Response: 2234681
Conc: 19.61 ug/ml



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

R.T.: 18.373 min
Delta R.T.: -0.004 min
Response: 2304188
Conc: 19.80 ug/ml

Instrument :

FID_D

ClientSampleId :