

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030325AR\
 Data File : FD049152.D
 Signal(s) : FID2B.ch
 Acq On : 03 Mar 2025 09:50
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 04 01:36:35 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 021125.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 12 12:54:29 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...	7.350	3200485	22.364 ug/ml
Spiked Amount 50.000		Recovery =	44.73%
6) S 2-Fluorobiphenyl (SURR)	8.202	1929084	21.943 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	43.89%
11) S ortho-Terphenyl (SURR)	11.231	3666945	22.667 ug/ml
Spiked Amount 50.000		Recovery =	45.33%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.174	3598747	22.598 ug/ml
2) T Naphthalene (C11.7)	5.692	3567587	22.468 ug/ml
3) T 2-Methylnaphthalene (...)	6.738	3540836	22.742 ug/ml
5) T Acenaphthylene (C15.06)	8.001	3611215	22.208 ug/ml
7) T Acenaphthene (C15.5)	8.294	3678553	22.361 ug/ml
8) T Flouorene (C16.55)	9.075	3447664	21.869 ug/ml
9) T Phenanthrene (C19.36)	10.461	3362427	22.312 ug/ml
10) T Anthracene (C19.43)	10.539	3055470	20.231 ug/ml
12) T Fluoranthene (C21.85)	12.265	3450909	22.363 ug/ml
13) T Pyrene (C20.8)	12.557	3491272	22.662 ug/ml
14) T Benzo[a]anthracene (C...	14.427	2774723	21.118 ug/ml
15) T Chrysene (C27.41)	14.468	3521433	21.779 ug/ml
16) T benzo[b]fluoranthene ...	15.974	2988899	21.723 ug/ml
17) T Bnezo[k]fluoranthene ...	16.005	3432388	21.732 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.356	2706354	19.938 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.724	1770166	16.199 ug/ml
20) T Dibenz[a,h]anthracene...	17.769	2570954	16.572 ug/ml
21) T Benzo[g,h,i]perylene ...	17.967	2865760	19.771 ug/ml

(f)=RT Delta > 1/2 Window

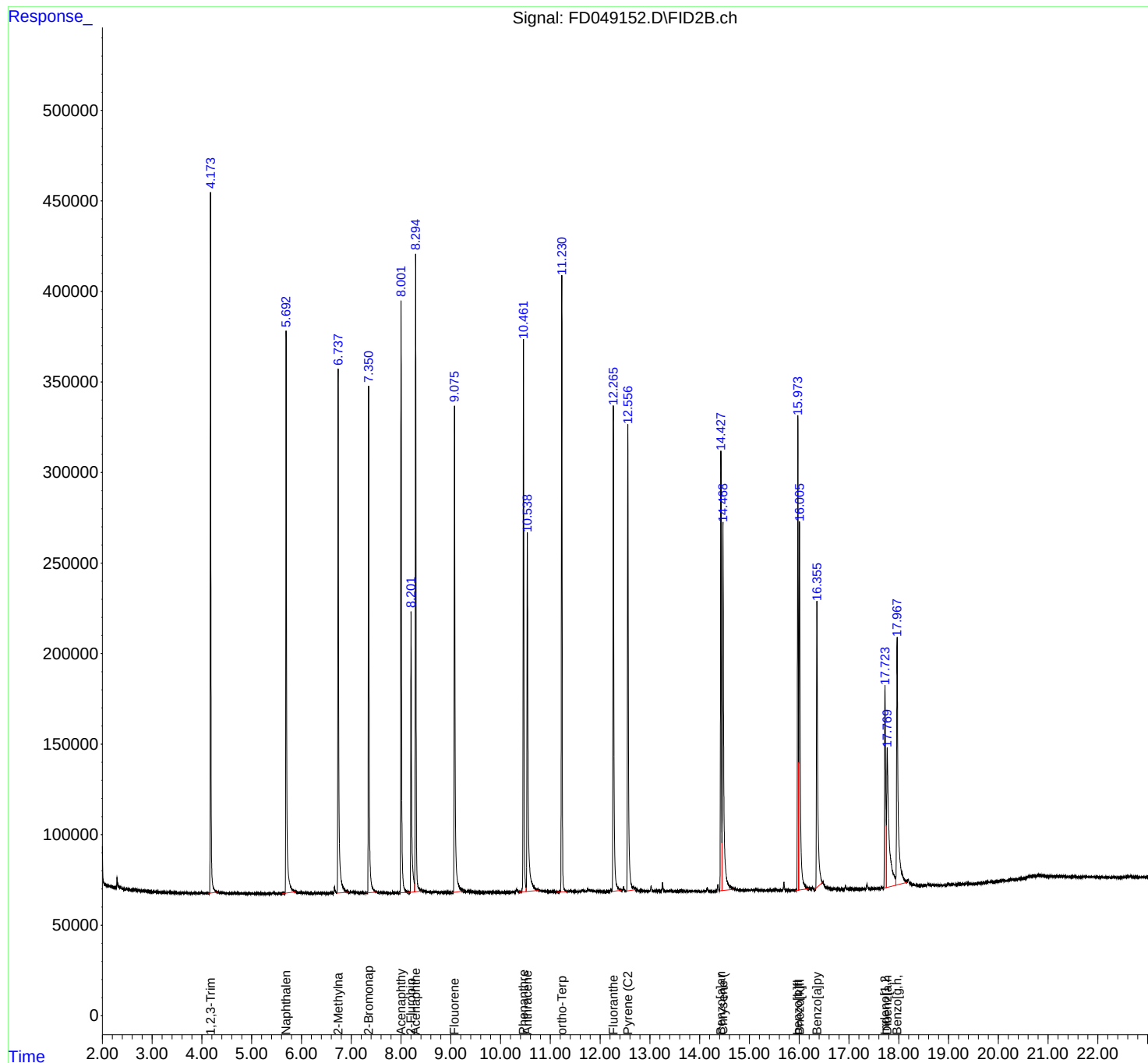
(m)=manual int.

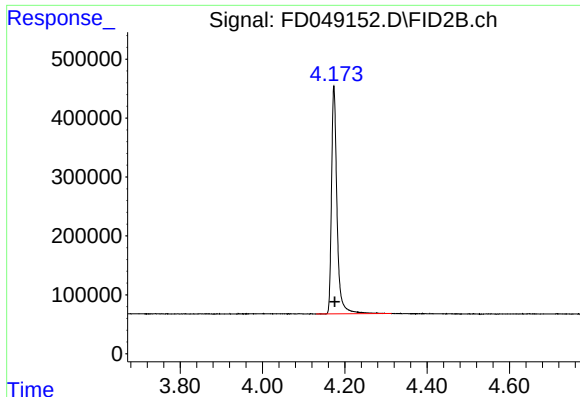
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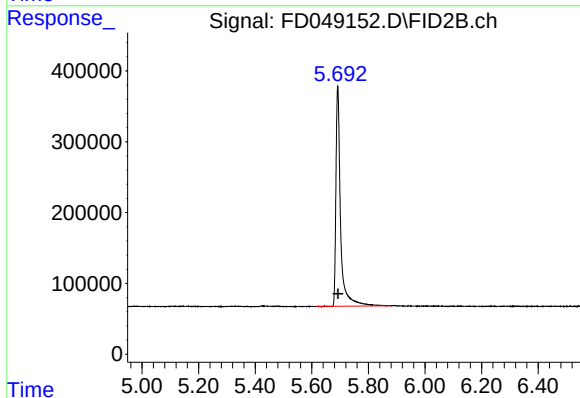




#1 1,2,3-Trimethylbenzene (C10.1)

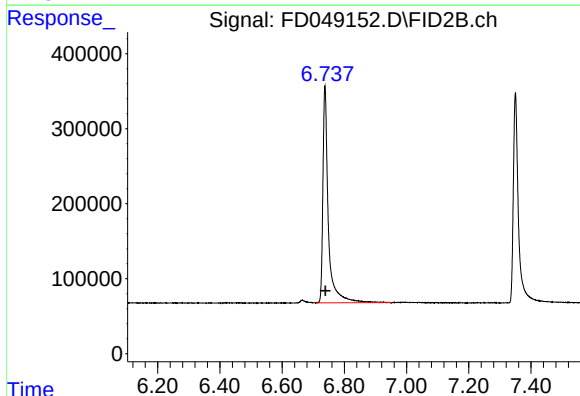
R.T.: 4.174 min
Delta R.T.: -0.002 min
Response: 3598747
Conc: 22.60 ug/ml

Instrument :
FID_D
ClientSampleId :



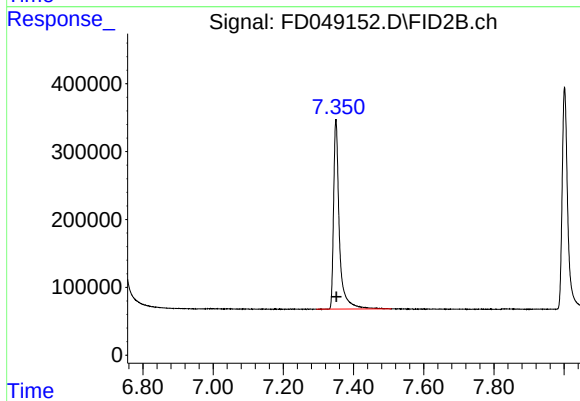
#2 Naphthalene (C11.7)

R.T.: 5.692 min
Delta R.T.: -0.001 min
Response: 3567587
Conc: 22.47 ug/ml



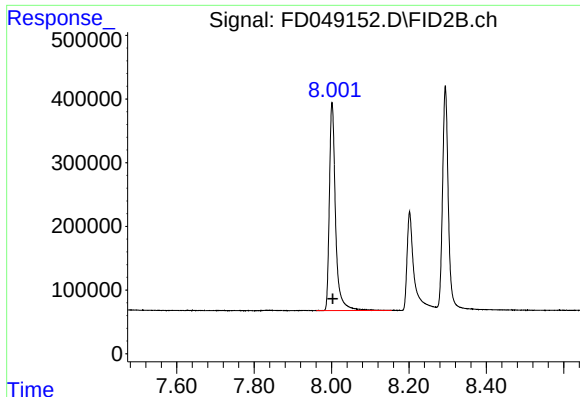
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.738 min
Delta R.T.: -0.001 min
Response: 3540836
Conc: 22.74 ug/ml



#4 2-Bromonaphthalene (SURR)

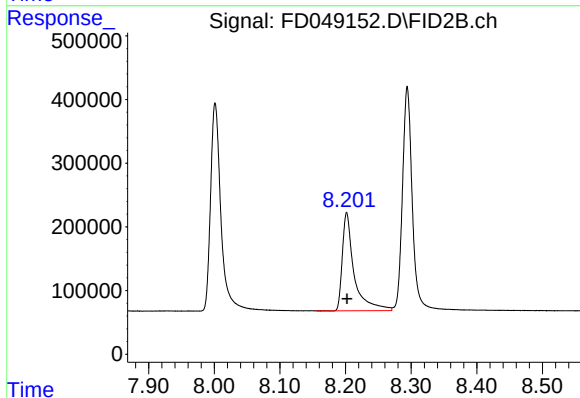
R.T.: 7.350 min
Delta R.T.: -0.001 min
Response: 3200485
Conc: 22.36 ug/ml



#5 Acenaphthylene (C15.06)

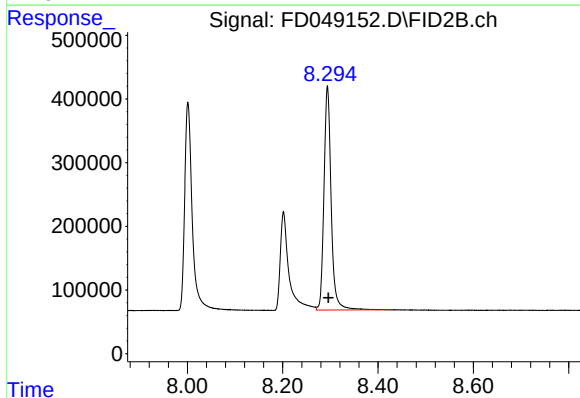
R.T.: 8.001 min
Delta R.T.: -0.001 min
Response: 3611215
Conc: 22.21 ug/ml

Instrument :
FID_D
ClientSampleId :



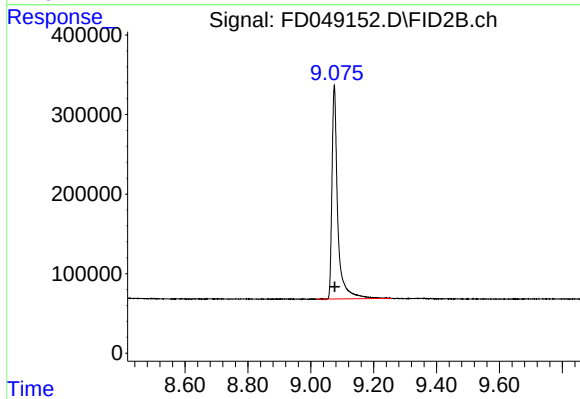
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.202 min
Delta R.T.: 0.000 min
Response: 1929084
Conc: 21.94 ug/ml



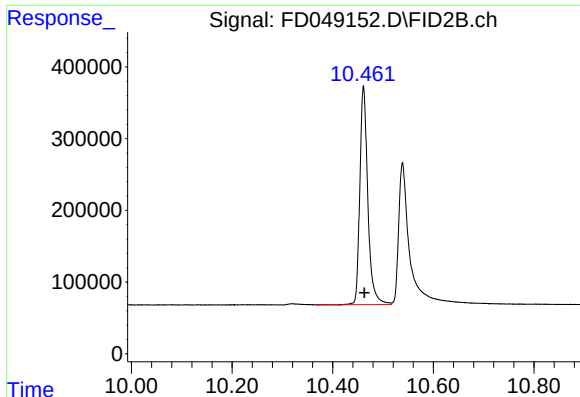
#7 Acenaphthene (C15.5)

R.T.: 8.294 min
Delta R.T.: -0.002 min
Response: 3678553
Conc: 22.36 ug/ml



#8 Fluorene (C16.55)

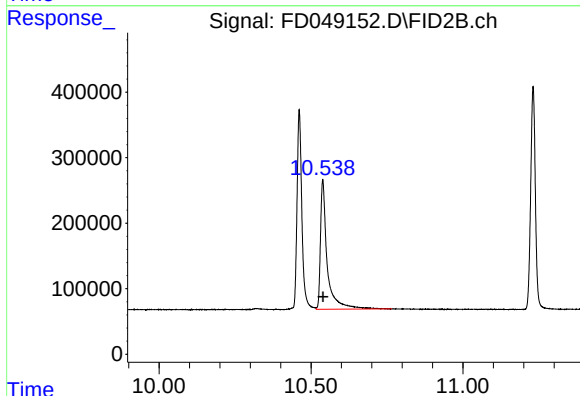
R.T.: 9.075 min
Delta R.T.: -0.001 min
Response: 3447664
Conc: 21.87 ug/ml



#9 Phenanthrene (C19.36)

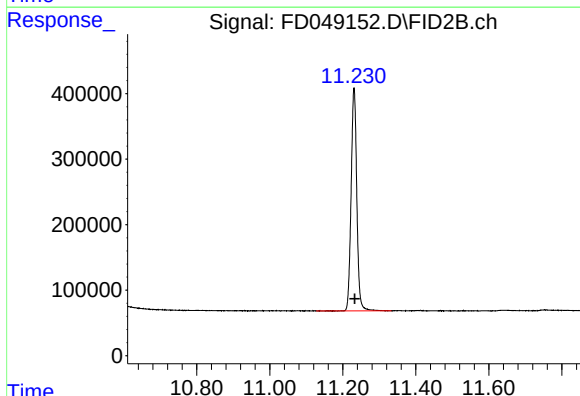
R.T.: 10.461 min
Delta R.T.: -0.002 min
Response: 3362427
Conc: 22.31 ug/ml

Instrument :
FID_D
ClientSampleId :



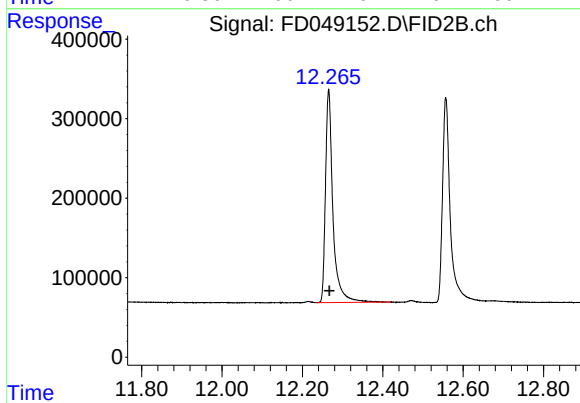
#10 Anthracene (C19.43)

R.T.: 10.539 min
Delta R.T.: 0.000 min
Response: 3055470
Conc: 20.23 ug/ml



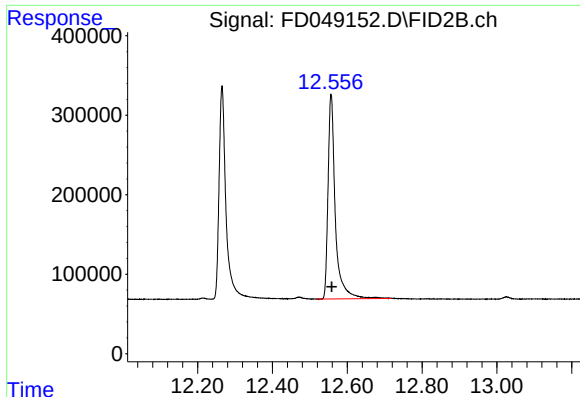
#11 ortho-Terphenyl (SURR)

R.T.: 11.231 min
Delta R.T.: -0.002 min
Response: 3666945
Conc: 22.67 ug/ml



#12 Fluoranthene (C21.85)

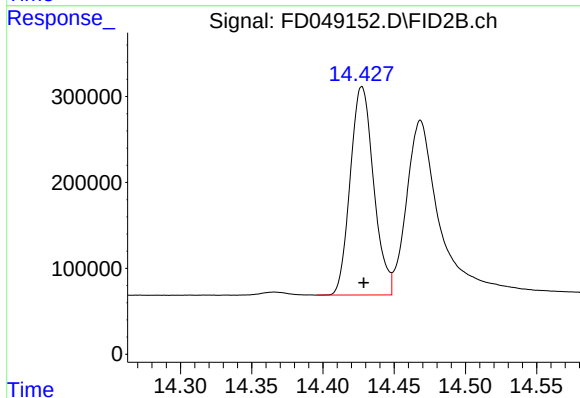
R.T.: 12.265 min
Delta R.T.: -0.002 min
Response: 3450909
Conc: 22.36 ug/ml



#13 Pyrene (C20.8)

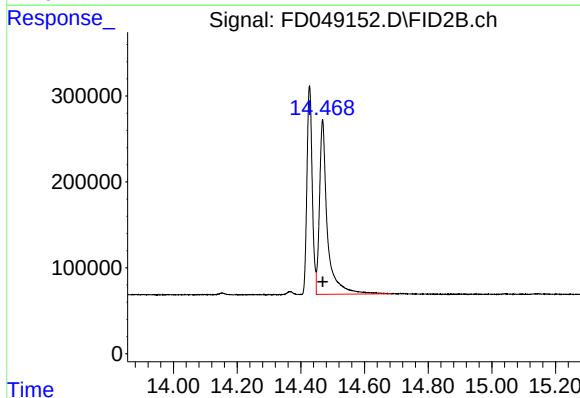
R.T.: 12.557 min
Delta R.T.: -0.002 min
Response: 3491272
Conc: 22.66 ug/ml

Instrument :
FID_D
ClientSampleId :



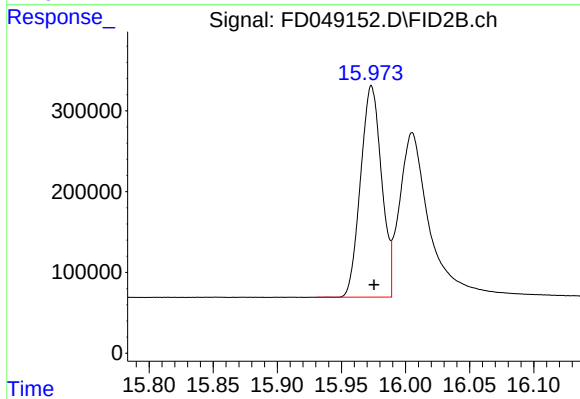
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.427 min
Delta R.T.: -0.001 min
Response: 2774723
Conc: 21.12 ug/ml



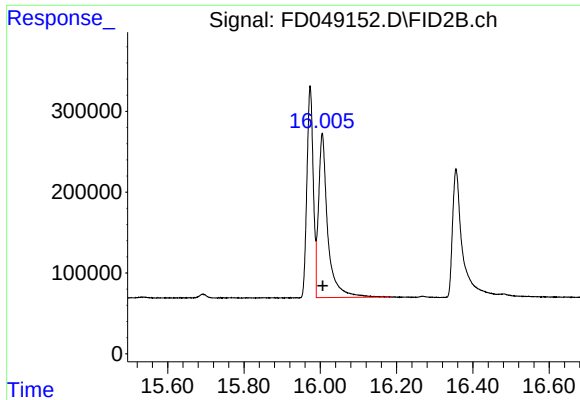
#15 Chrysene (C27.41)

R.T.: 14.468 min
Delta R.T.: 0.000 min
Response: 3521433
Conc: 21.78 ug/ml



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

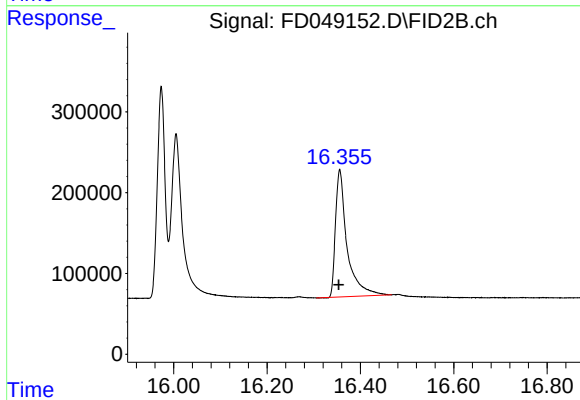
R.T.: 15.974 min
Delta R.T.: -0.002 min
Response: 2988899
Conc: 21.72 ug/ml



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

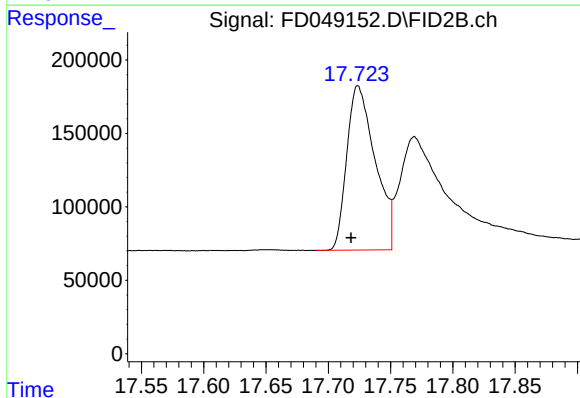
R.T.: 16.005 min
Delta R.T.: 0.000 min
Response: 3432388
Conc: 21.73 ug/ml

Instrument :
FID_D
ClientSampleId :



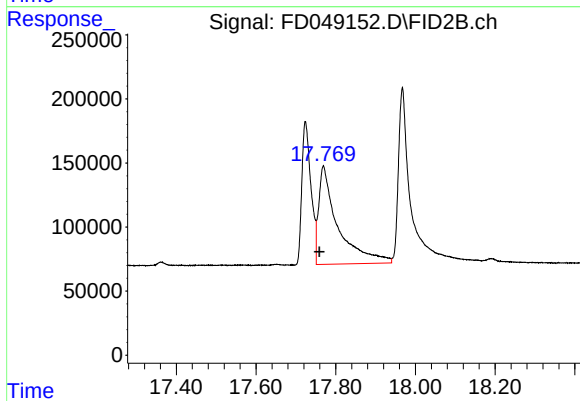
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.356 min
Delta R.T.: 0.002 min
Response: 2706354
Conc: 19.94 ug/ml



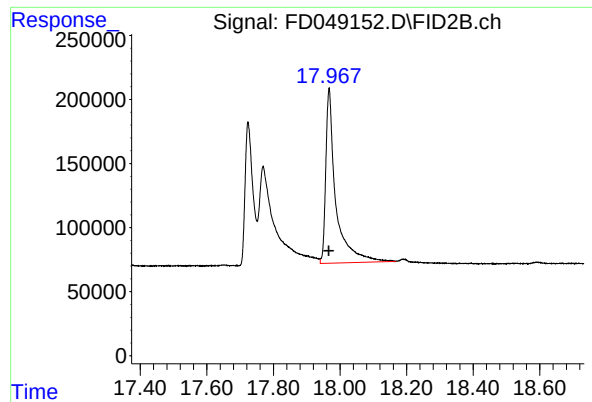
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.724 min
Delta R.T.: 0.006 min
Response: 1770166
Conc: 16.20 ug/ml



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

R.T.: 17.769 min
Delta R.T.: 0.010 min
Response: 2570954
Conc: 16.57 ug/ml



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

R.T.: 17.967 min
Delta R.T.: 0.002 min
Response: 2865760
Conc: 19.77 ug/ml

Instrument :

FID_D

ClientSampleId :