

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD020725AR\
 Data File : FD049054.D
 Signal(s) : FID2B.ch
 Acq On : 07 Feb 2025 12:32
 Operator : YP/AJ
 Sample : PB166603BSD
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Feb 07 23:57:27 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 012425.M
 Quant Title : GC Extractables
 QLast Update : Sat Jan 25 03:38:15 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...	7.353	7250487	50.944 ug/ml
Spiked Amount 50.000		Recovery =	101.89%
6) S 2-Fluorobiphenyl (SURR)	8.203	4508640	52.988 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	105.98%
11) S ortho-Terphenyl (SURR)	11.239	7145957	43.453 ug/ml
Spiked Amount 50.000		Recovery =	86.91%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.177	4732868	30.704 ug/ml
2) T Naphthalene (C11.7)	5.694	5463664	34.953 ug/ml
3) T 2-Methylnaphthalene (...)	6.740	5370406	34.619 ug/ml
5) T Acenaphthylene (C15.06)	8.006	6354594	38.856 ug/ml
7) T Acenaphthene (C15.5)	8.301	6743831	40.151 ug/ml
8) T Flouorene (C16.55)	9.079	6902277	44.123 ug/ml
9) T Phenanthrene (C19.36)	10.467	7061510	46.365 ug/ml
10) T Anthracene (C19.43)	10.543	7152983	46.958 ug/ml
12) T Fluoranthene (C21.85)	12.272	7289713	46.344 ug/ml
13) T Pyrene (C20.8)	12.565	7156542	45.428 ug/ml
14) T Benzo[a]anthracene (C...	14.436	6863286	53.336 ug/ml
15) T Chrysene (C27.41)	14.477	6859677	40.566 ug/ml
16) T benzo[b]fluoranthene ...	15.985	6830025	49.988 ug/ml
17) T Bnezo[k]fluoranthene ...	16.018	6898742	42.596 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.360	6601097	47.429 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.729	6478914	62.123 ug/ml
20) T Dibenz[a,h]anthracene...	17.765	6727943	47.129 ug/ml
21) T Benzo[g,h,i]perylene ...	17.980	6528969	45.772 ug/ml

(f)=RT Delta > 1/2 Window

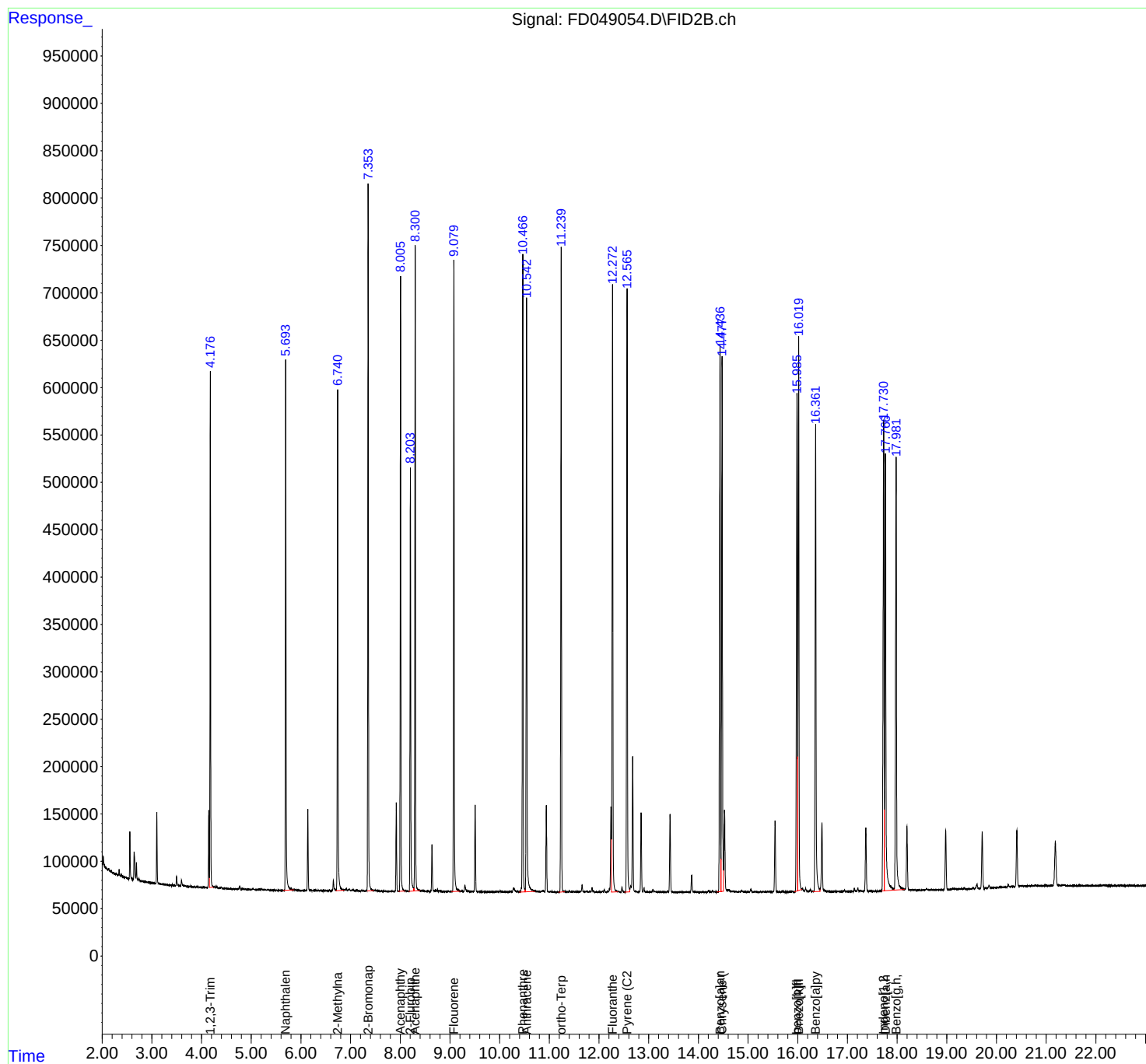
(m)=manual int.

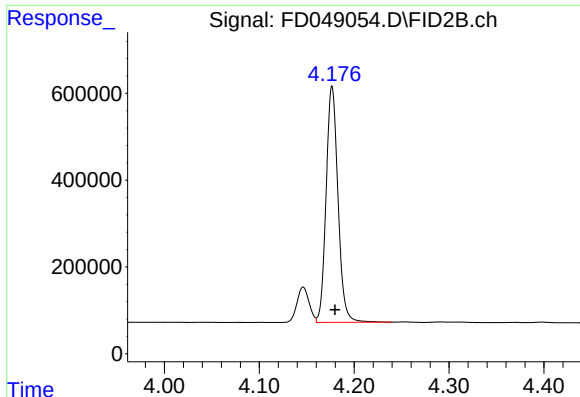
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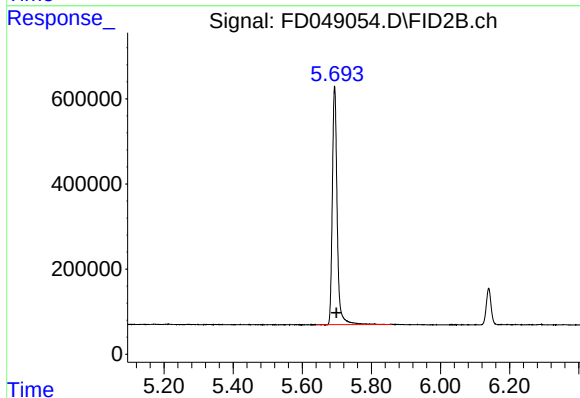




#1 1,2,3-Trimethylbenzene (C10.1)

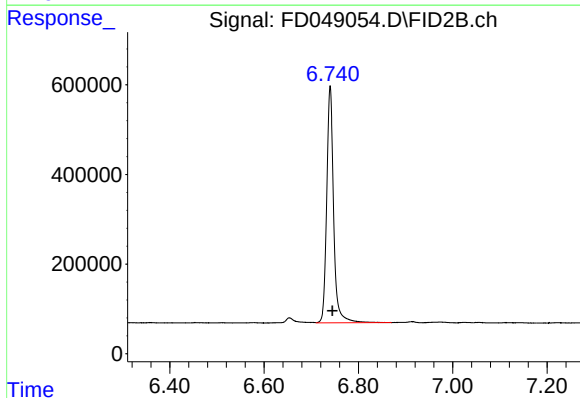
R.T.: 4.177 min
Delta R.T.: -0.003 min
Response: 4732868
Conc: 30.70 ug/ml

Instrument :
FID_D
ClientSampleId :



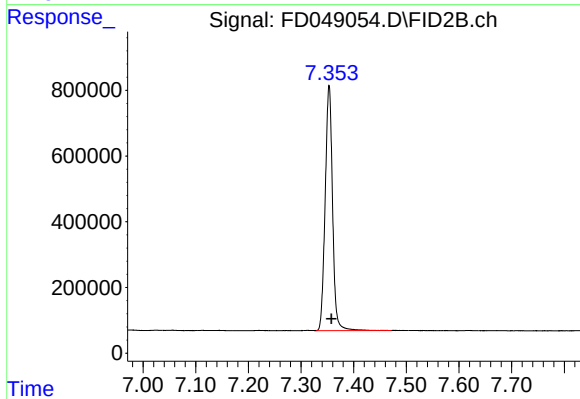
#2 Naphthalene (C11.7)

R.T.: 5.694 min
Delta R.T.: -0.005 min
Response: 5463664
Conc: 34.95 ug/ml



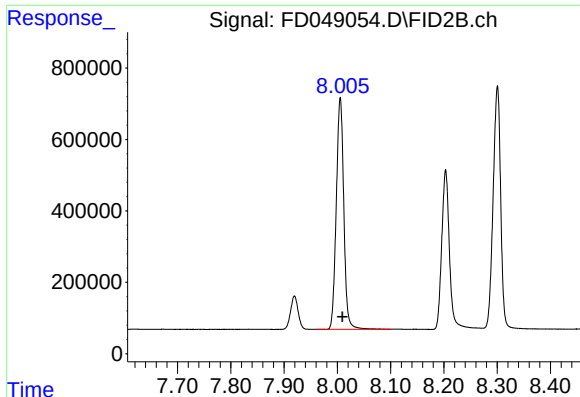
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.740 min
Delta R.T.: -0.005 min
Response: 5370406
Conc: 34.62 ug/ml



#4 2-Bromonaphthalene (SURR)

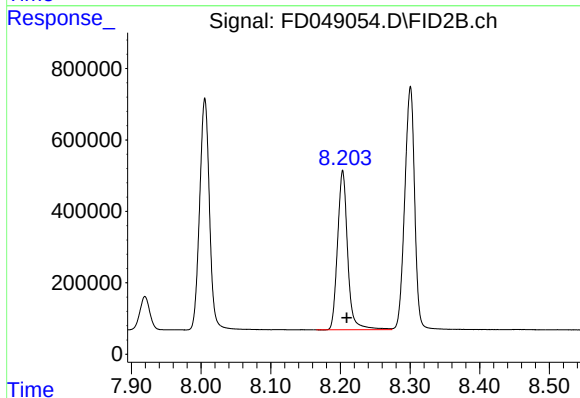
R.T.: 7.353 min
Delta R.T.: -0.005 min
Response: 7250487
Conc: 50.94 ug/ml



#5 Acenaphthylene (C15.06)

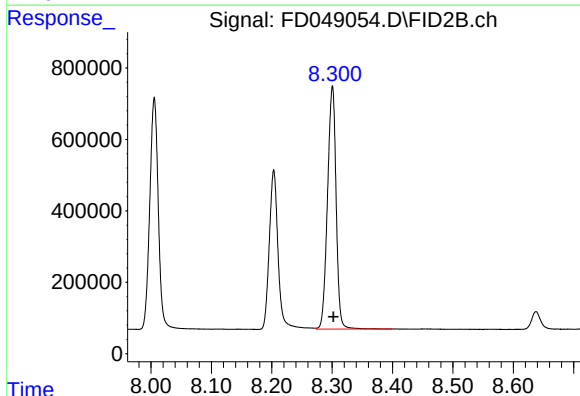
R.T.: 8.006 min
Delta R.T.: -0.004 min
Response: 6354594
Conc: 38.86 ug/ml

Instrument :
FID_D
ClientSampleId :



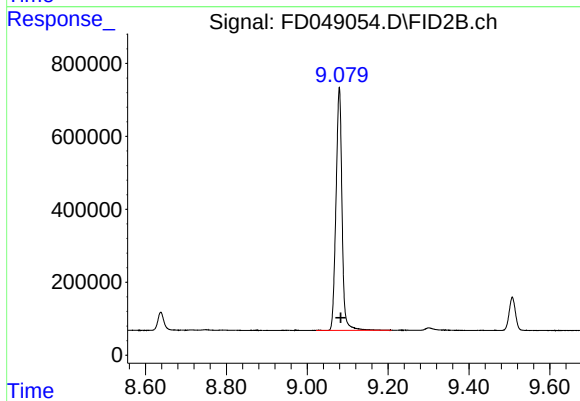
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.203 min
Delta R.T.: -0.006 min
Response: 4508640
Conc: 52.99 ug/ml



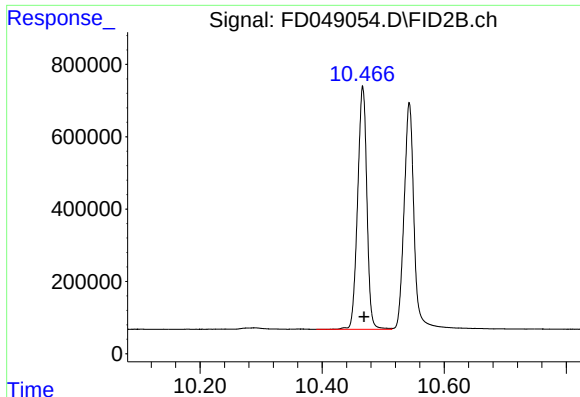
#7 Acenaphthene (C15.5)

R.T.: 8.301 min
Delta R.T.: -0.002 min
Response: 6743831
Conc: 40.15 ug/ml



#8 Fluorene (C16.55)

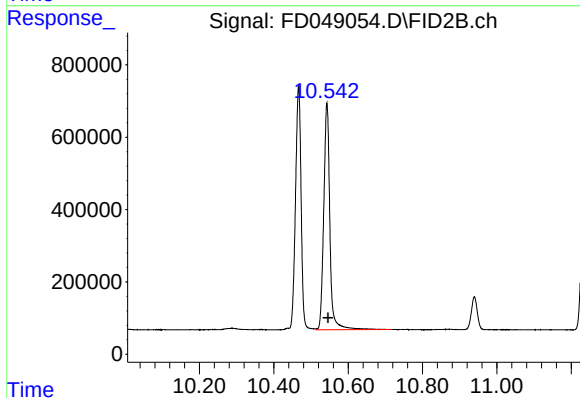
R.T.: 9.079 min
Delta R.T.: -0.003 min
Response: 6902277
Conc: 44.12 ug/ml



#9 Phenanthrene (C19.36)

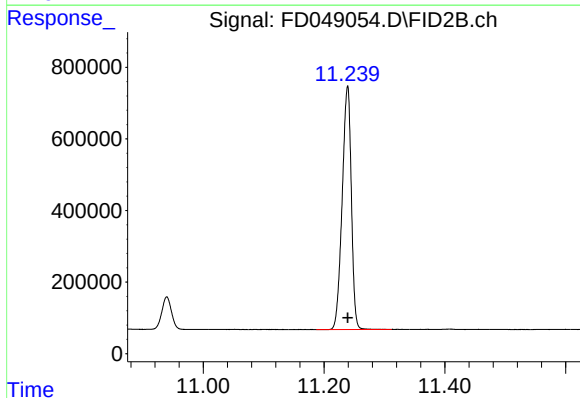
R.T.: 10.467 min
Delta R.T.: -0.002 min
Response: 7061510
Conc: 46.37 ug/ml

Instrument :
FID_D
ClientSampleId :



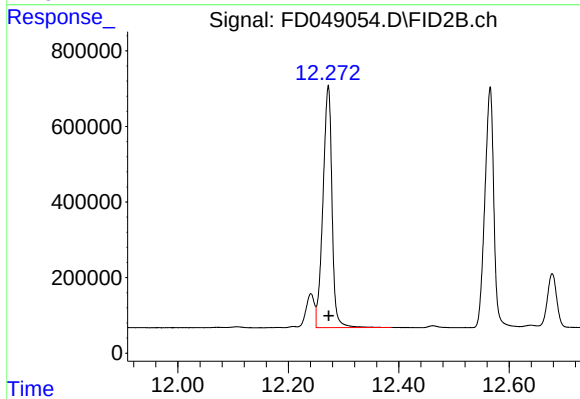
#10 Anthracene (C19.43)

R.T.: 10.543 min
Delta R.T.: -0.003 min
Response: 7152983
Conc: 46.96 ug/ml



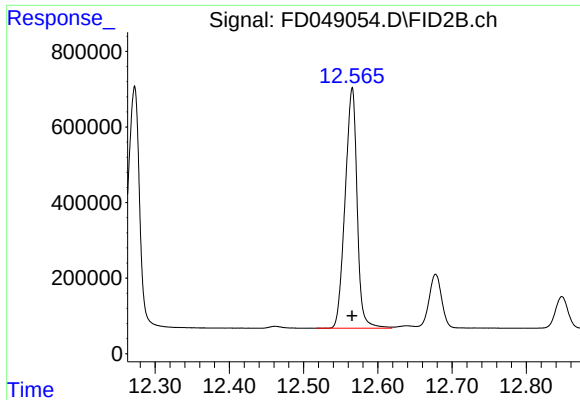
#11 ortho-Terphenyl (SURR)

R.T.: 11.239 min
Delta R.T.: 0.000 min
Response: 7145957
Conc: 43.45 ug/ml



#12 Fluoranthene (C21.85)

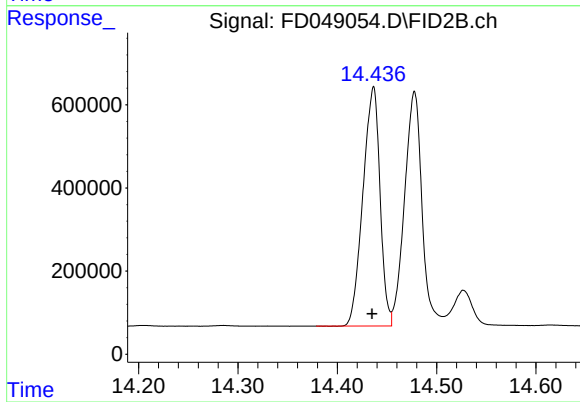
R.T.: 12.272 min
Delta R.T.: -0.001 min
Response: 7289713
Conc: 46.34 ug/ml



#13 Pyrene (C20.8)

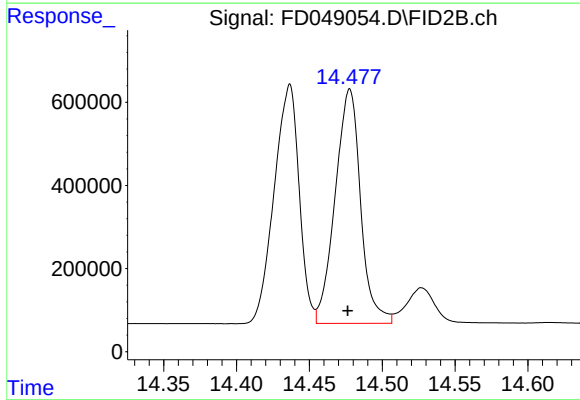
R.T.: 12.565 min
Delta R.T.: 0.000 min
Response: 7156542
Conc: 45.43 ug/ml

Instrument :
FID_D
ClientSampleId :



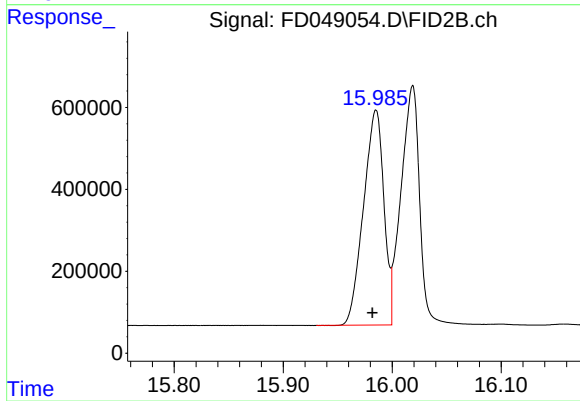
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.436 min
Delta R.T.: 0.000 min
Response: 6863286
Conc: 53.34 ug/ml



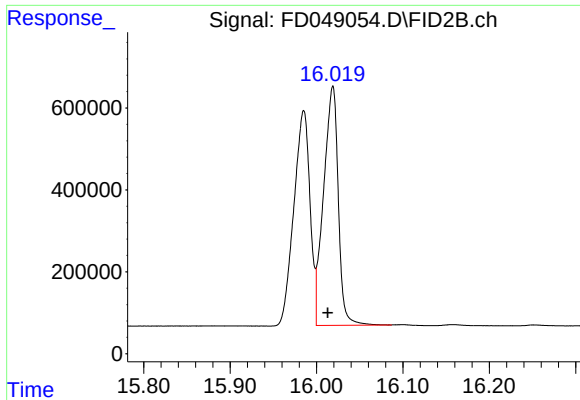
#15 Chrysene (C27.41)

R.T.: 14.477 min
Delta R.T.: 0.001 min
Response: 6859677
Conc: 40.57 ug/ml



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

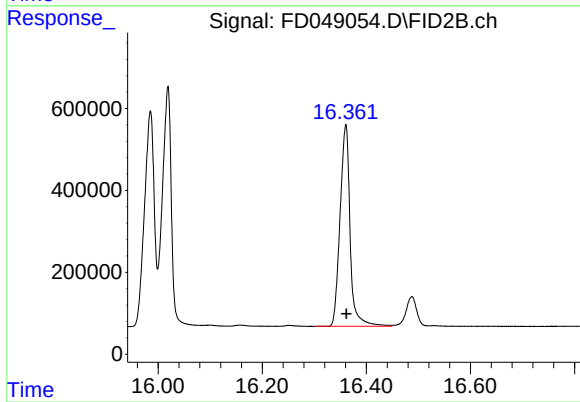
R.T.: 15.985 min
Delta R.T.: 0.003 min
Response: 6830025
Conc: 49.99 ug/ml



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

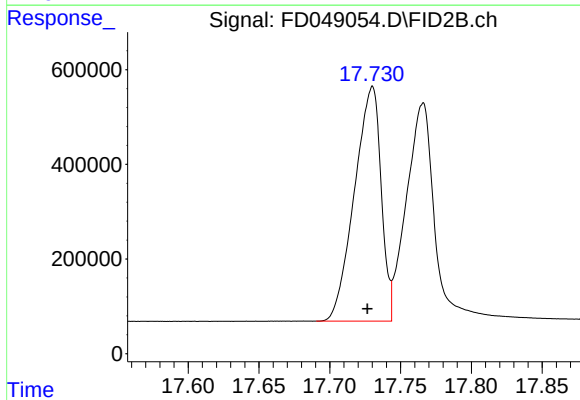
R.T.: 16.018 min
Delta R.T.: 0.005 min
Response: 6898742
Conc: 42.60 ug/ml

Instrument :
FID_D
ClientSampleId :



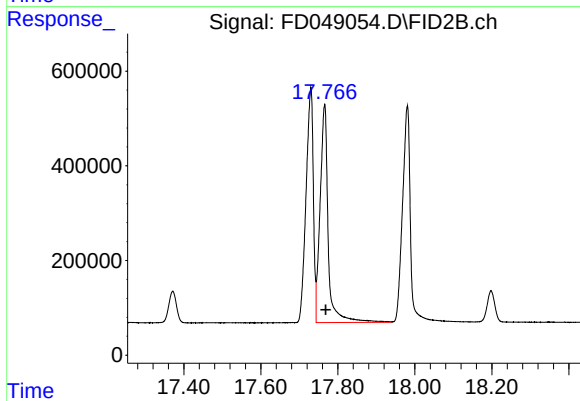
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.360 min
Delta R.T.: -0.002 min
Response: 6601097
Conc: 47.43 ug/ml



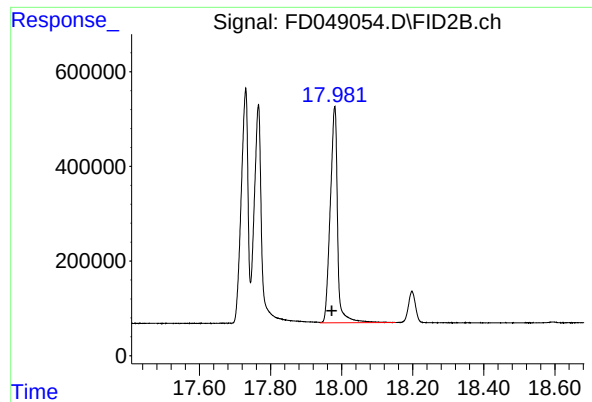
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.729 min
Delta R.T.: 0.003 min
Response: 6478914
Conc: 62.12 ug/ml



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

R.T.: 17.765 min
Delta R.T.: -0.004 min
Response: 6727943
Conc: 47.13 ug/ml



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

R.T.: 17.980 min
Delta R.T.: 0.008 min
Response: 6528969
Conc: 45.77 ug/ml

Instrument :

FID_D

ClientSampleId :