

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD110424AR\
 Data File : FD048659.D
 Signal(s) : FID2B.ch
 Acq On : 05 Nov 2024 03:35
 Operator : YP/AJ
 Sample : PB164618BS
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Nov 05 05:19:38 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102324.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 23 18:14:59 2024
 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...	7.370	6877106	45.310 ug/ml
Spiked Amount 50.000		Recovery =	90.62%
6) S 2-Fluorobiphenyl (SURR)	8.220	4573507	46.577 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	93.15%
11) S ortho-Terphenyl (SURR)	11.255	7054403	41.414 ug/ml
Spiked Amount 50.000		Recovery =	82.83%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.192	3682440	21.167 ug/ml
2) T Naphthalene (C11.7)	5.710	5175807	29.007 ug/ml
3) T 2-Methylnaphthalene (...)	6.756	5177660	28.947 ug/ml
5) T Acenaphthylene (C15.06)	8.022	5994787	34.141 ug/ml
7) T Acenaphthene (C15.5)	8.317	6348354	35.793 ug/ml
8) T Fluorene (C16.55)	9.095	6277188	37.135 ug/ml
9) T Phenanthrene (C19.36)	10.482	6307922	38.159 ug/ml
10) T Anthracene (C19.43)	10.558	6421752	40.159 ug/ml
12) T Fluoranthene (C21.85)	12.287	6930276	42.110 ug/ml
13) T Pyrene (C20.8)	12.580	6433090	39.938 ug/ml
14) T Benzo[a]anthracene (C...	14.450	6099525	41.716 ug/ml
15) T Chrysene (C27.41)	14.492	6167098	37.492 ug/ml
16) T benzo[b]fluoranthene ...	15.997	6137907	40.373 ug/ml
17) T Bnezo[k]fluoranthene ...	16.031	6166756	41.029 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.373	5946675	39.514 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.740	6034272	46.247 ug/ml
20) T Dibenz[a,h]anthracene...	17.776	5931914	36.451 ug/ml
21) T Benzo[g,h,i]perylene ...	17.991	5964067	38.957 ug/ml

(f)=RT Delta > 1/2 Window

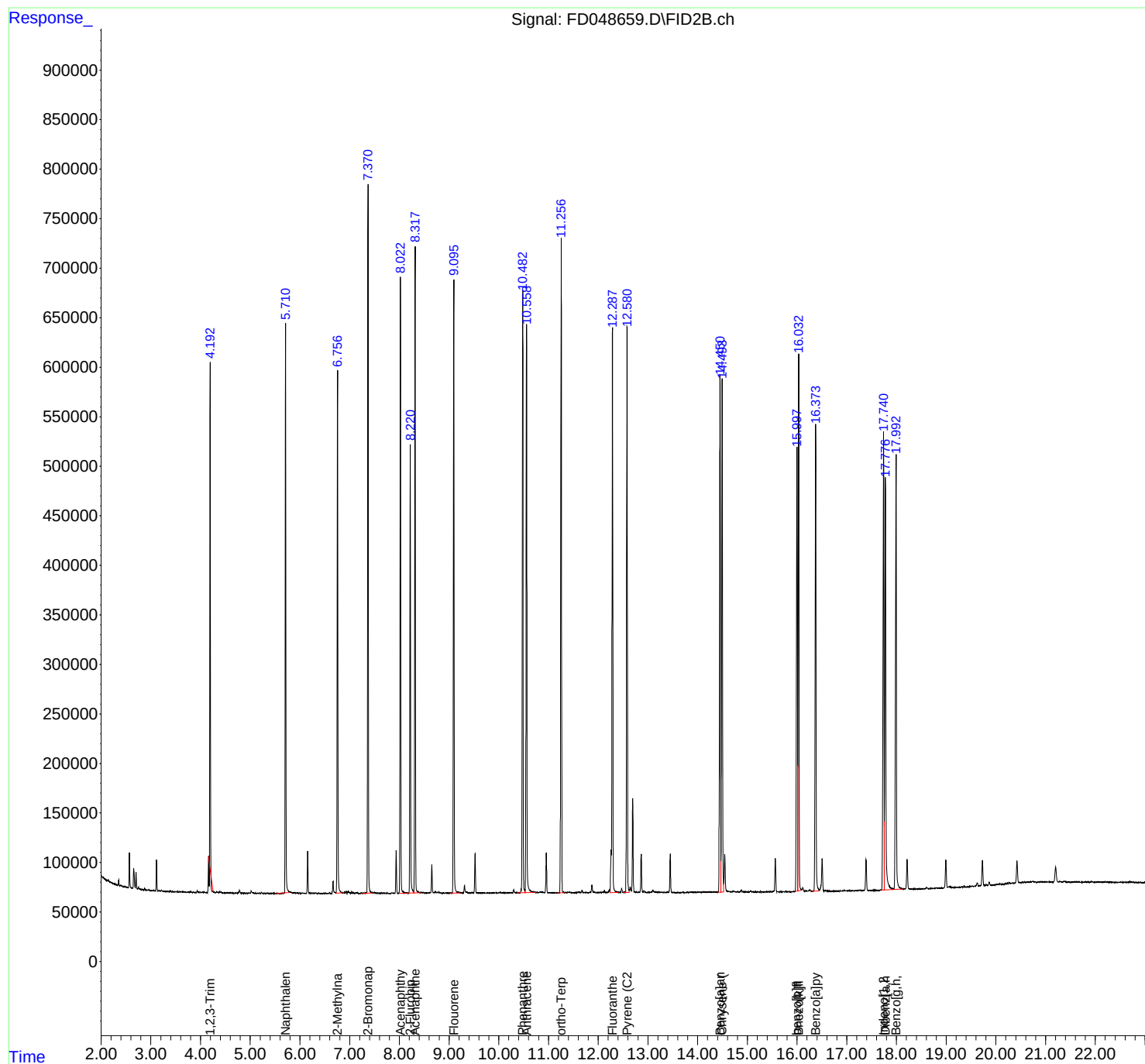
(m)=manual int.

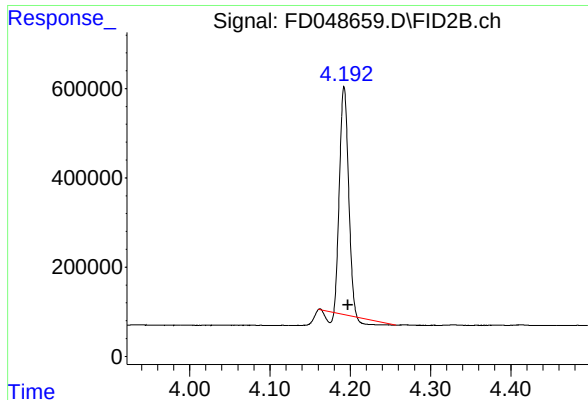
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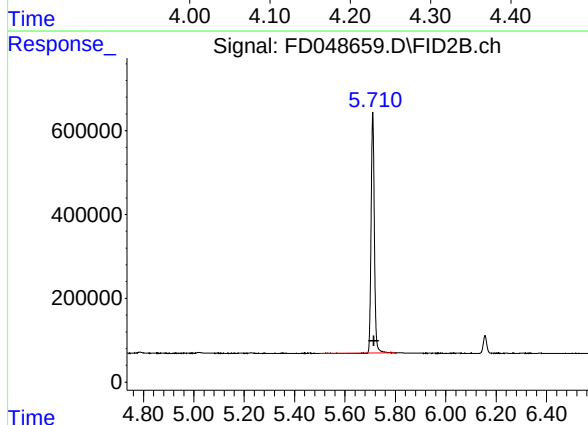




#1 1,2,3-Trimethylbenzene (C10.1)

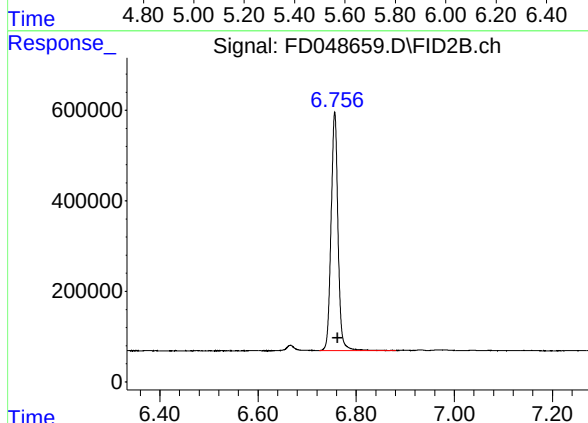
R.T.: 4.192 min
Delta R.T.: -0.005 min
Response: 3682440
Conc: 21.17 ug/ml

Instrument :
FID_D
ClientSampleId :



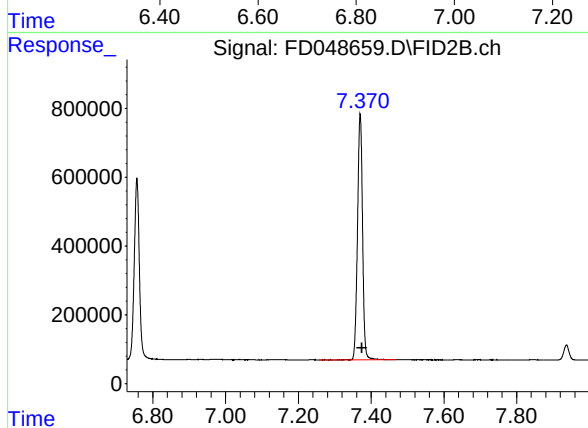
#2 Naphthalene (C11.7)

R.T.: 5.710 min
Delta R.T.: -0.005 min
Response: 5175807
Conc: 29.01 ug/ml



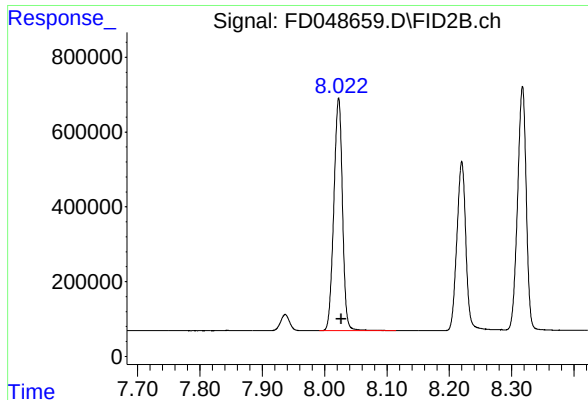
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.756 min
Delta R.T.: -0.006 min
Response: 5177660
Conc: 28.95 ug/ml



#4 2-Bromonaphthalene (SURR)

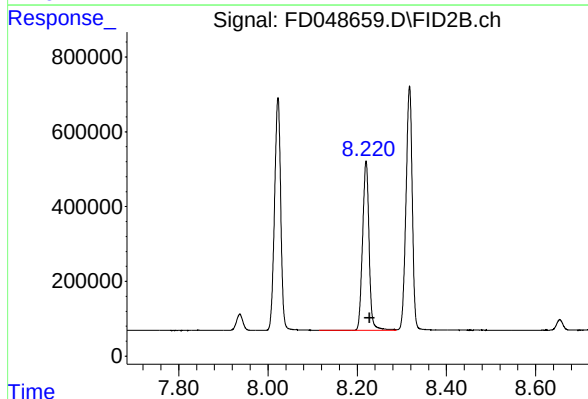
R.T.: 7.370 min
Delta R.T.: -0.005 min
Response: 6877106
Conc: 45.31 ug/ml



#5 Acenaphthylene (C15.06)

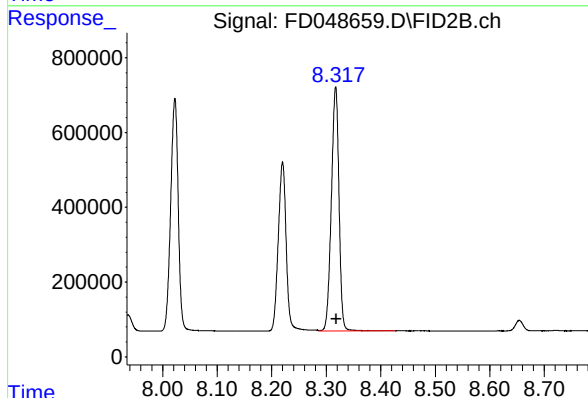
R.T.: 8.022 min
Delta R.T.: -0.004 min
Response: 5994787
Conc: 34.14 ug/ml

Instrument :
FID_D
ClientSampleId :



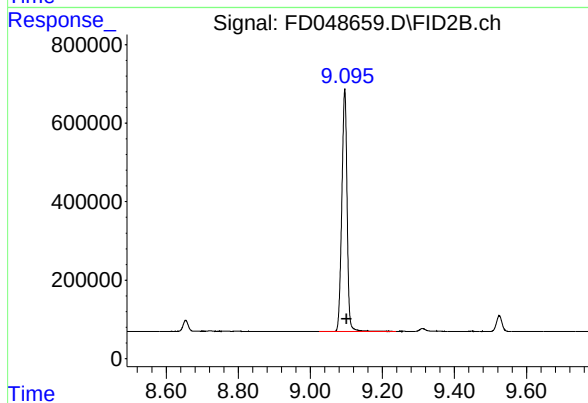
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.220 min
Delta R.T.: -0.008 min
Response: 4573507
Conc: 46.58 ug/ml



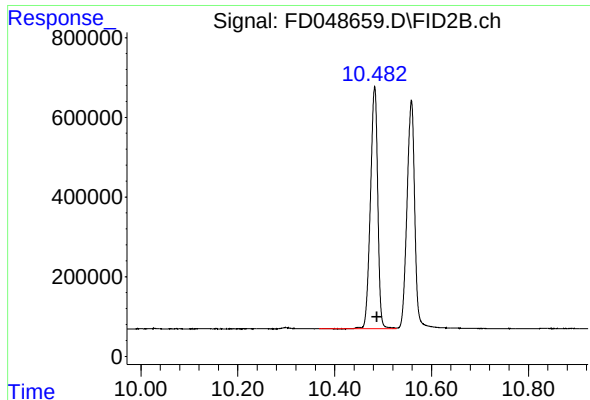
#7 Acenaphthene (C15.5)

R.T.: 8.317 min
Delta R.T.: -0.001 min
Response: 6348354
Conc: 35.79 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.095 min
Delta R.T.: -0.005 min
Response: 6277188
Conc: 37.14 ug/ml



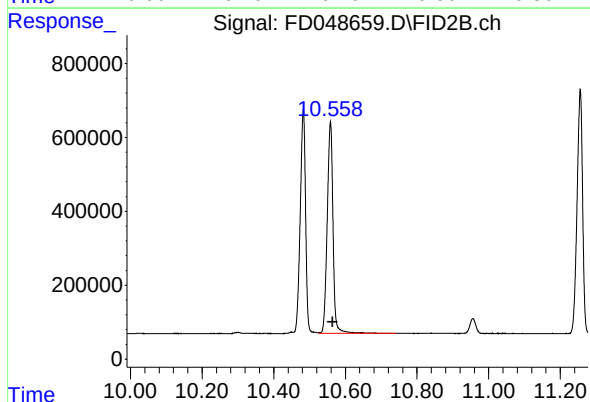
#9 Phenanthrene (C19.36)

R.T.: 10.482 min
Delta R.T.: -0.005 min
Response: 6307922
Conc: 38.16 ug/ml

Instrument :

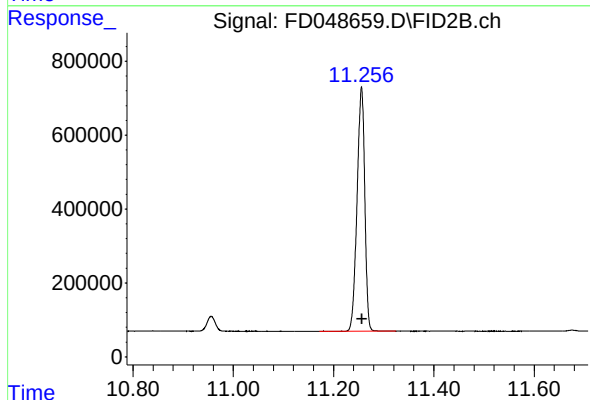
FID_D

ClientSampleId :



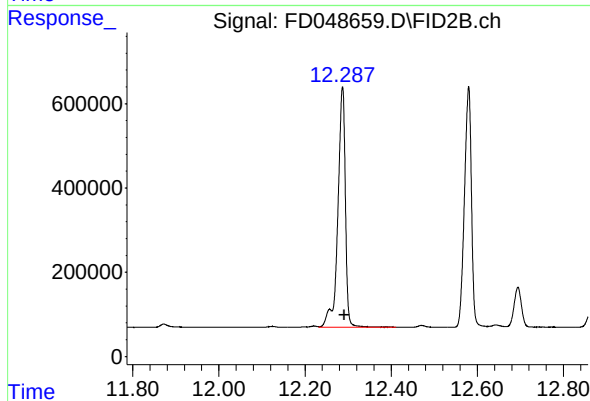
#10 Anthracene (C19.43)

R.T.: 10.558 min
Delta R.T.: -0.007 min
Response: 6421752
Conc: 40.16 ug/ml



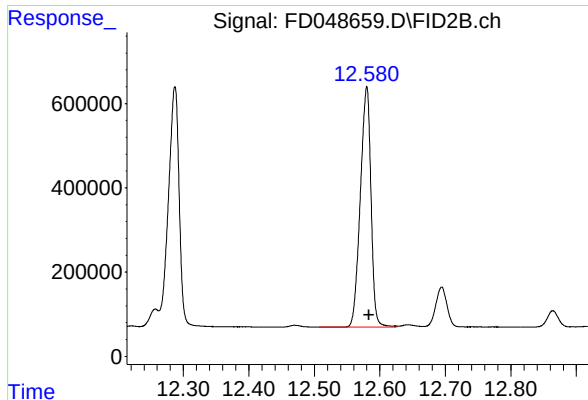
#11 ortho-Terphenyl (SURR)

R.T.: 11.255 min
Delta R.T.: -0.001 min
Response: 7054403
Conc: 41.41 ug/ml



#12 Fluoranthene (C21.85)

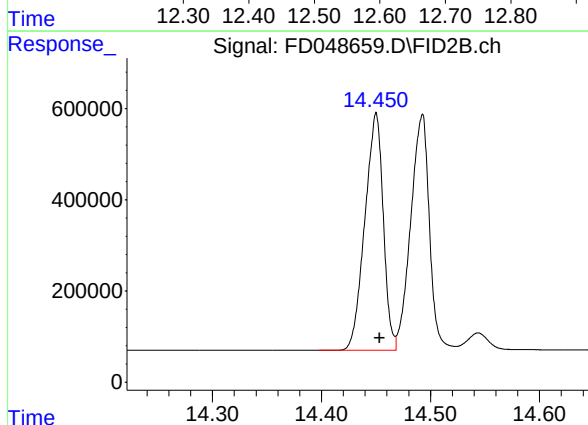
R.T.: 12.287 min
Delta R.T.: -0.005 min
Response: 6930276
Conc: 42.11 ug/ml



#13 Pyrene (C20.8)

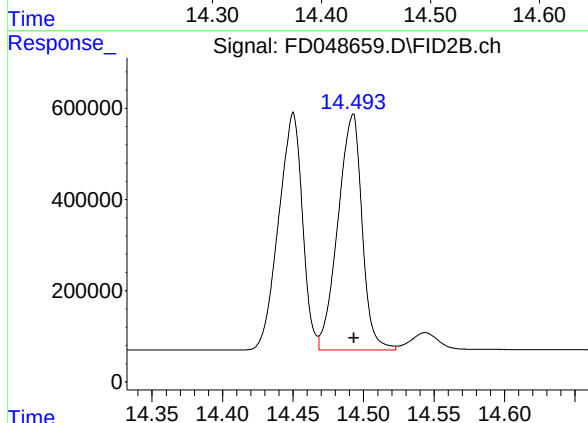
R.T.: 12.580 min
Delta R.T.: -0.004 min
Response: 6433090
Conc: 39.94 ug/ml

Instrument :
FID_D
ClientSampleId :



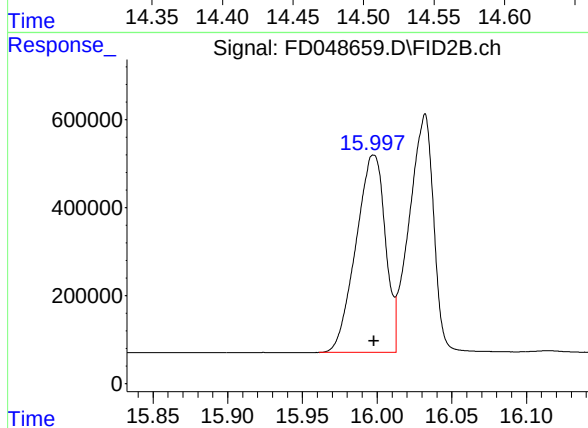
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.450 min
Delta R.T.: -0.004 min
Response: 6099525
Conc: 41.72 ug/ml



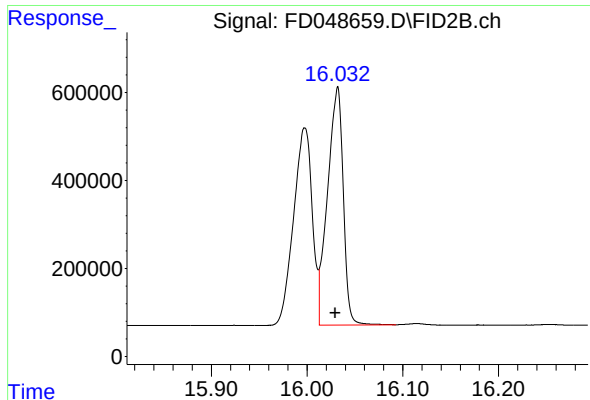
#15 Chrysene (C27.41)

R.T.: 14.492 min
Delta R.T.: -0.002 min
Response: 6167098
Conc: 37.49 ug/ml



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

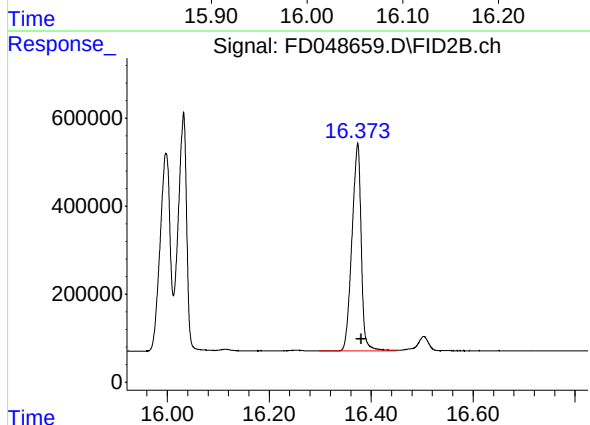
R.T.: 15.997 min
Delta R.T.: 0.000 min
Response: 6137907
Conc: 40.37 ug/ml



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

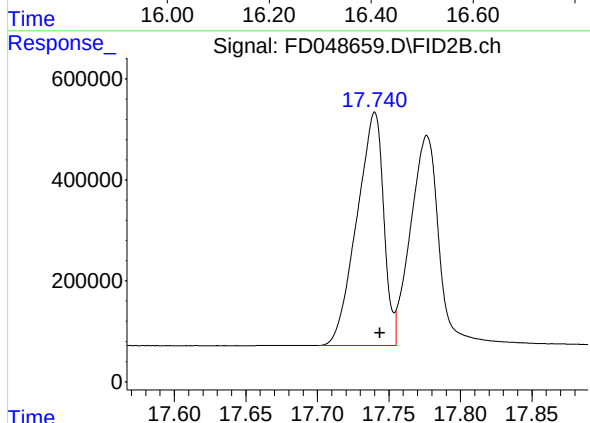
R.T.: 16.031 min
Delta R.T.: 0.002 min
Response: 6166756
Conc: 41.03 ug/ml

Instrument :
FID_D
ClientSampleId :



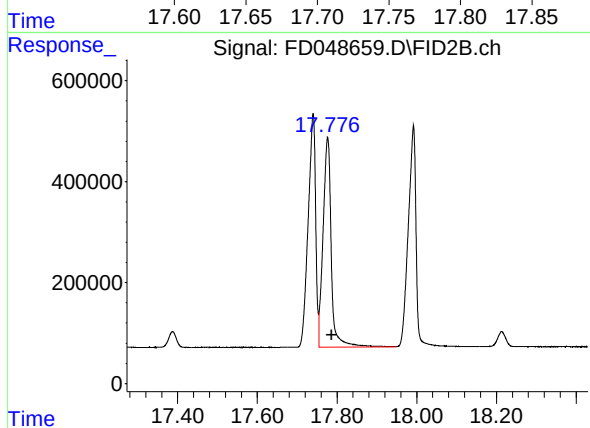
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.373 min
Delta R.T.: -0.007 min
Response: 5946675
Conc: 39.51 ug/ml



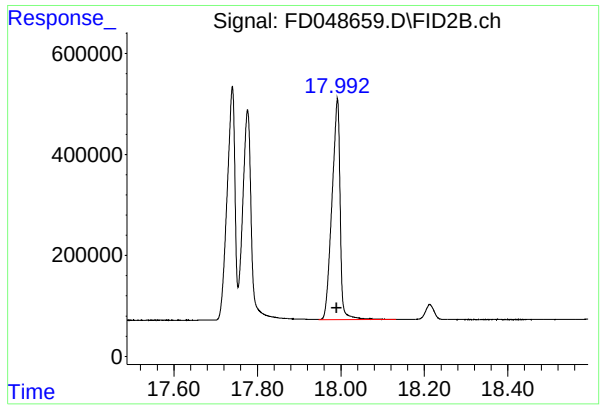
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.740 min
Delta R.T.: -0.004 min
Response: 6034272
Conc: 46.25 ug/ml



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

R.T.: 17.776 min
Delta R.T.: -0.010 min
Response: 5931914
Conc: 36.45 ug/ml



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

R.T.: 17.991 min
Delta R.T.: 0.001 min
Response: 5964067
Conc: 38.96 ug/ml

Instrument :
FID_D
ClientSampleId :