

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071724AR\
 Data File : FD048064.D
 Signal(s) : FID2B.ch
 Acq On : 18 Jul 2024 09:18
 Operator : YP/AJ
 Sample : PB162088BSD
 Misc :
 ALS Vial : 82 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jul 18 15:31:54 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 071524.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 15 13:13:15 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...	7.412	6337905	42.644 ug/ml
Spiked Amount 50.000		Recovery =	85.29%
6) S 2-Fluorobiphenyl (SURR)	8.263	4229147	44.687 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	89.37%
11) S ortho-Terphenyl (SURR)	11.300	5928700	35.434 ug/ml
Spiked Amount 50.000		Recovery =	70.87%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.230	5920874	35.358 ug/ml
2) T Naphthalene (C11.7)	5.751	6729547	38.941 ug/ml
3) T 2-Methylnaphthalene (...)	6.799	7009585	40.407 ug/ml
5) T Acenaphthylene (C15.06)	8.066	7259662	42.362 ug/ml
7) T Acenaphthene (C15.5)	8.362	7278021	41.954 ug/ml
8) T Fluorene (C16.55)	9.140	7443138	45.826 ug/ml
9) T Phenanthrene (C19.36)	10.530	7760169	48.863 ug/ml
10) T Anthracene (C19.43)	10.605	7533797	47.713 ug/ml
12) T Fluoranthene (C21.85)	12.336	8072106	50.982 ug/ml
13) T Pyrene (C20.8)	12.630	8125154	51.383 ug/ml
14) T Benzo[a]anthracene (C...	14.499	7661445	56.116 ug/ml
15) T Chrysene (C27.41)	14.543	7684919	47.672 ug/ml
16) T benzo[b]fluoranthene ...	16.047	7550570	52.458 ug/ml
17) T Bnezo[k]fluoranthene ...	16.082	7563498	50.640 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.423	7175486	50.661 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.789	7533890	66.798 ug/ml
20) T Dibenz[a,h]anthracene...	17.827	7168397	49.323 ug/ml
21) T Benzo[g,h,i]perylene ...	18.041	6893357	46.776 ug/ml

(f)=RT Delta > 1/2 Window

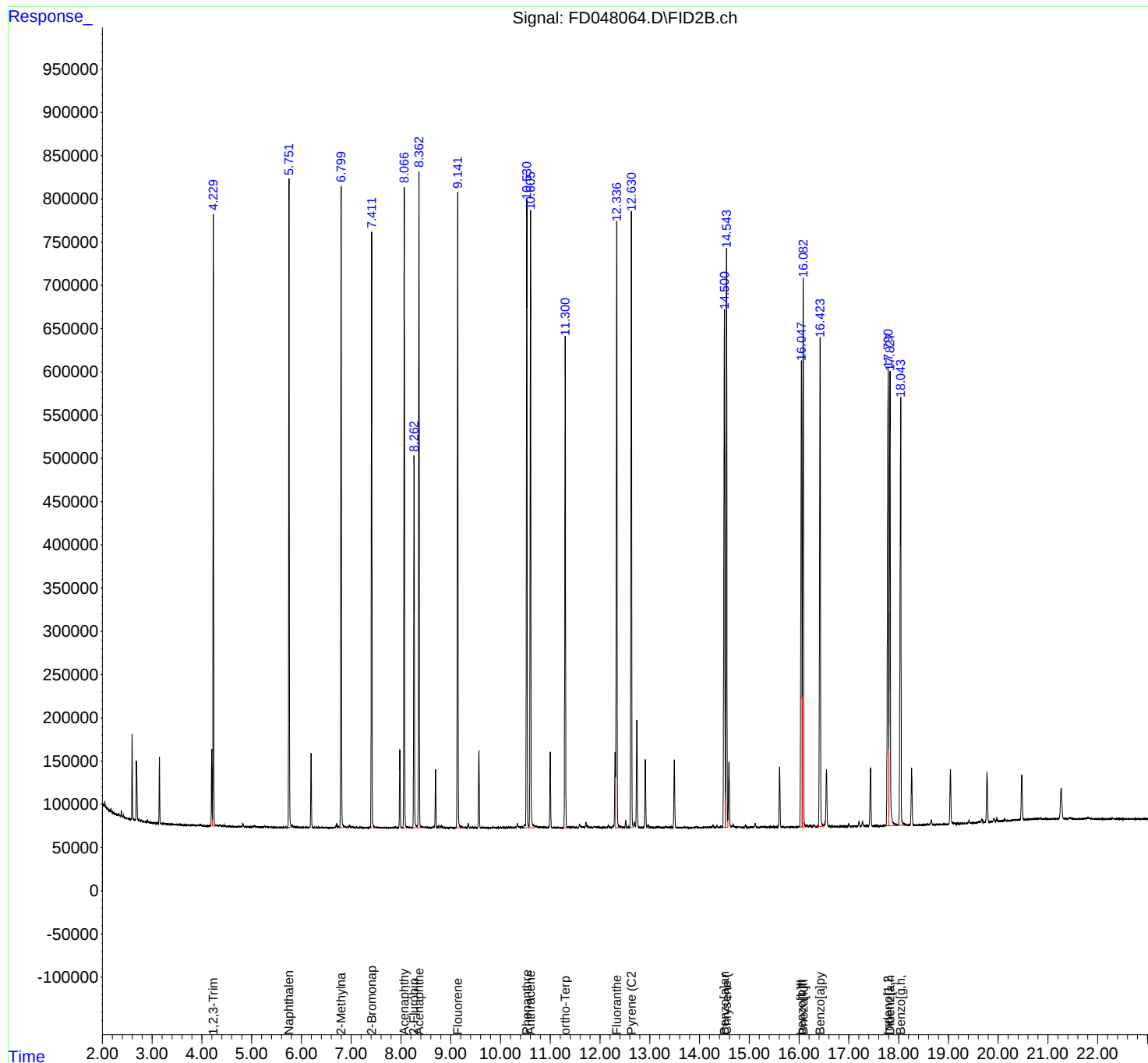
(m)=manual int.

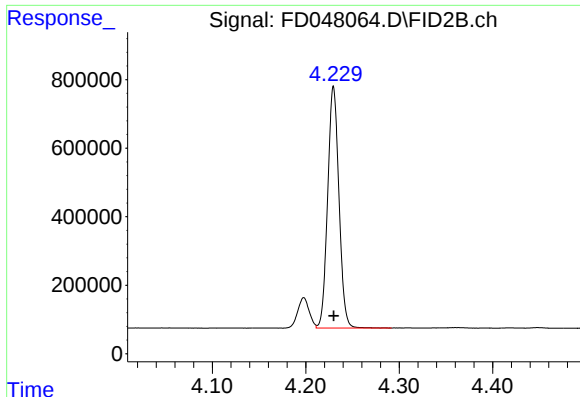
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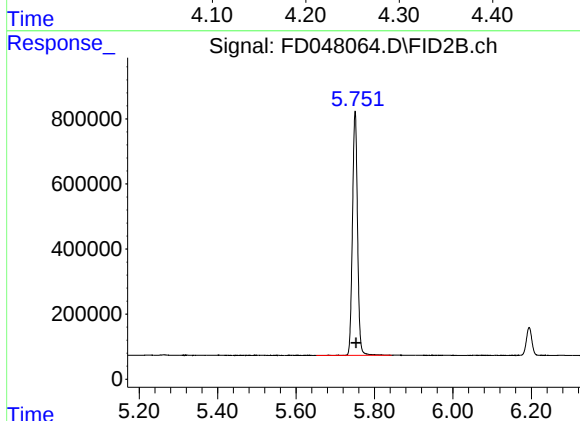




#1 1,2,3-Trimethylbenzene (C10.1)

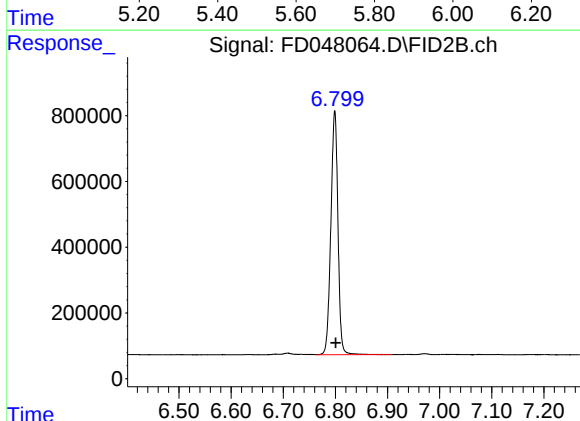
R.T.: 4.230 min
Delta R.T.: 0.000 min
Response: 5920874
Conc: 35.36 ug/ml

Instrument :
FID_D
ClientSampleId :



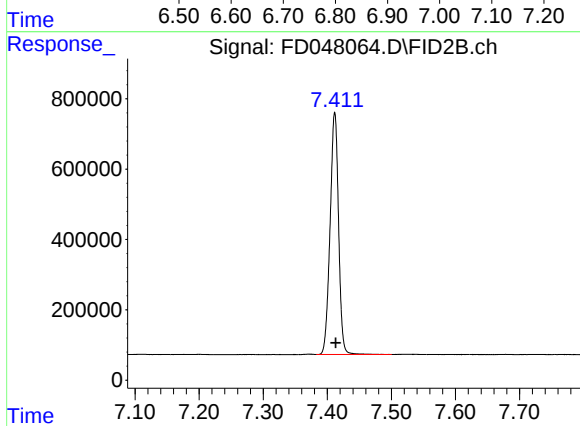
#2 Naphthalene (C11.7)

R.T.: 5.751 min
Delta R.T.: -0.003 min
Response: 6729547
Conc: 38.94 ug/ml



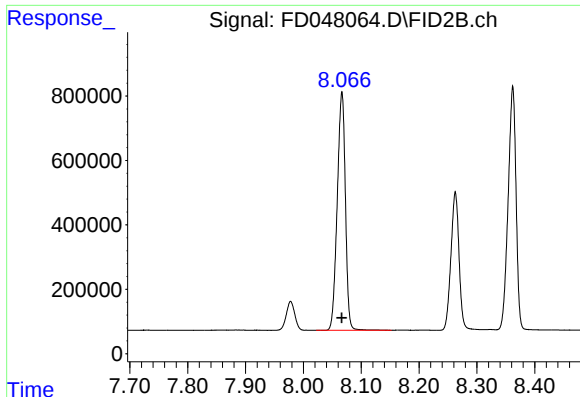
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.799 min
Delta R.T.: -0.002 min
Response: 7009585
Conc: 40.41 ug/ml



#4 2-Bromonaphthalene (SURR)

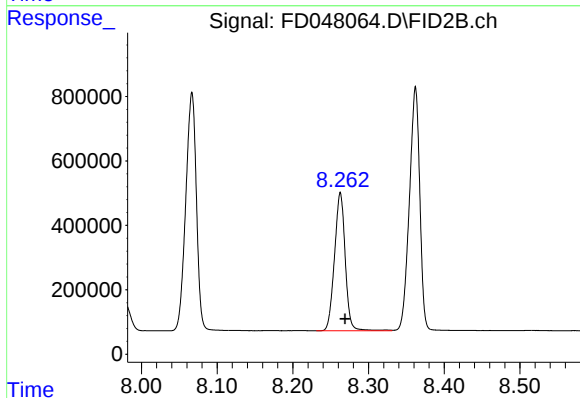
R.T.: 7.412 min
Delta R.T.: -0.002 min
Response: 6337905
Conc: 42.64 ug/ml



#5 Acenaphthylene (C15.06)

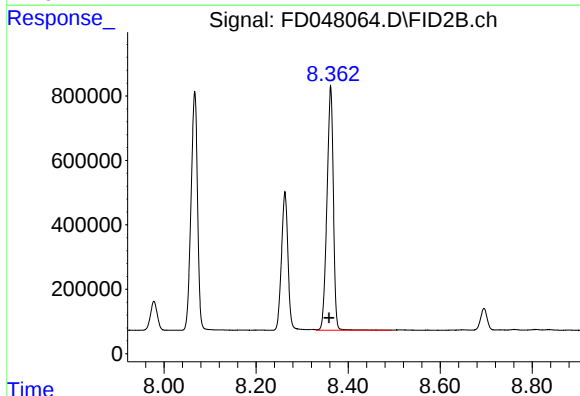
R.T.: 8.066 min
Delta R.T.: 0.000 min
Response: 7259662
Conc: 42.36 ug/ml

Instrument :
FID_D
ClientSampleId :



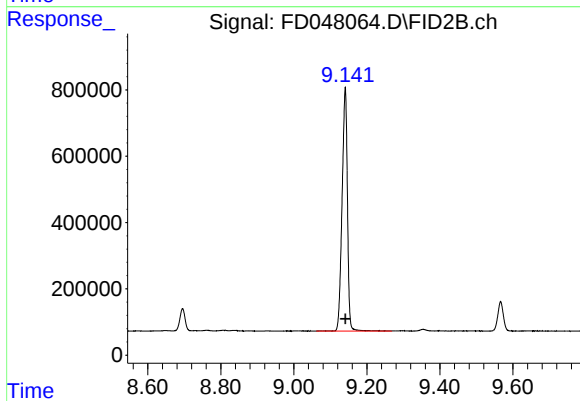
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.263 min
Delta R.T.: -0.006 min
Response: 4229147
Conc: 44.69 ug/ml



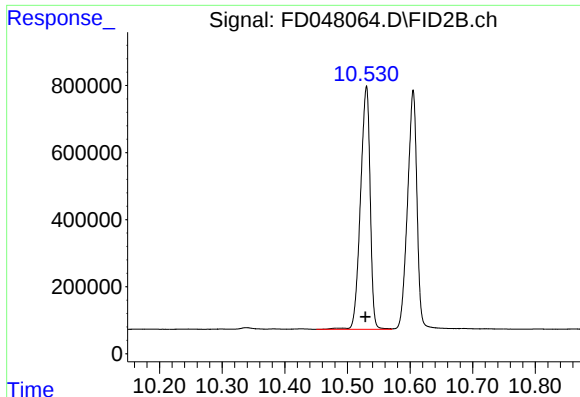
#7 Acenaphthene (C15.5)

R.T.: 8.362 min
Delta R.T.: 0.003 min
Response: 7278021
Conc: 41.95 ug/ml



#8 Fluorene (C16.55)

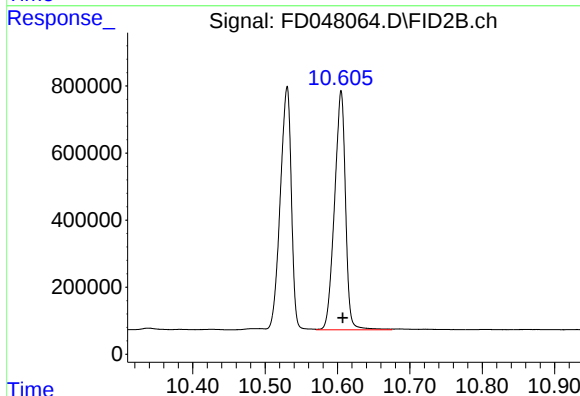
R.T.: 9.140 min
Delta R.T.: -0.001 min
Response: 7443138
Conc: 45.83 ug/ml



#9 Phenanthrene (C19.36)

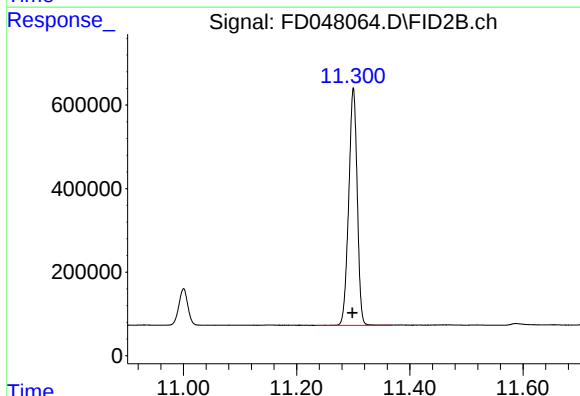
R.T.: 10.530 min
Delta R.T.: 0.001 min
Response: 7760169
Conc: 48.86 ug/ml

Instrument :
FID_D
ClientSampleId :



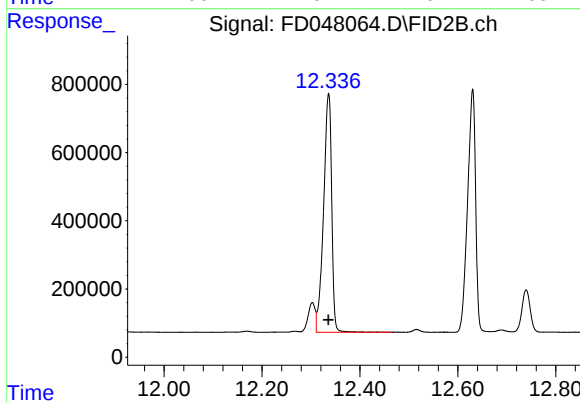
#10 Anthracene (C19.43)

R.T.: 10.605 min
Delta R.T.: -0.003 min
Response: 7533797
Conc: 47.71 ug/ml



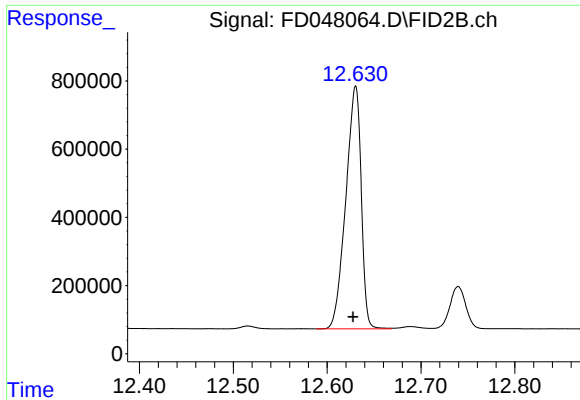
#11 ortho-Terphenyl (SURR)

R.T.: 11.300 min
Delta R.T.: 0.002 min
Response: 5928700
Conc: 35.43 ug/ml



#12 Fluoranthene (C21.85)

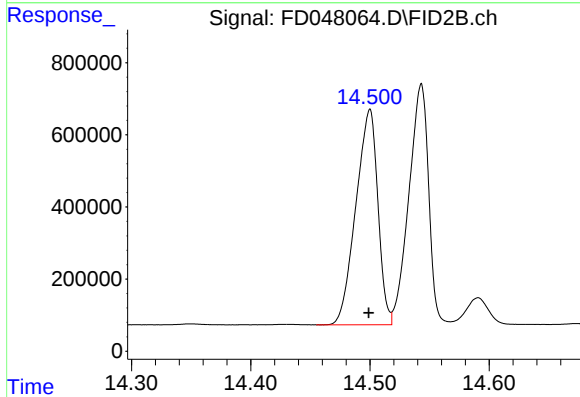
R.T.: 12.336 min
Delta R.T.: 0.000 min
Response: 8072106
Conc: 50.98 ug/ml



#13 Pyrene (C20.8)

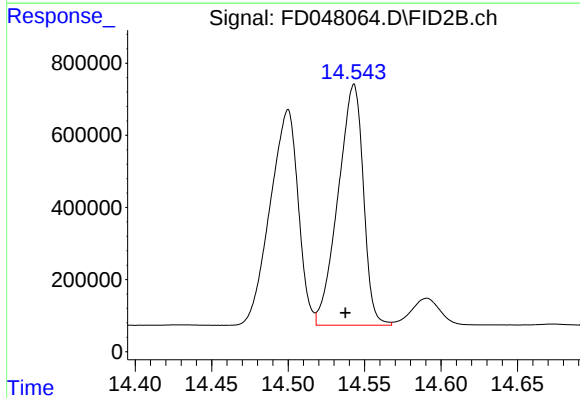
R.T.: 12.630 min
Delta R.T.: 0.002 min
Response: 8125154
Conc: 51.38 ug/ml

Instrument :
FID_D
ClientSampleId :



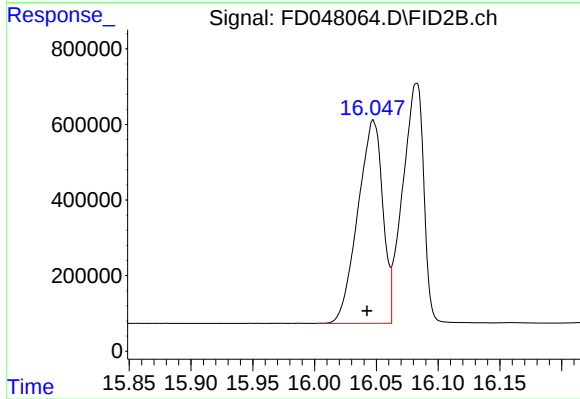
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.499 min
Delta R.T.: 0.000 min
Response: 7661445
Conc: 56.12 ug/ml



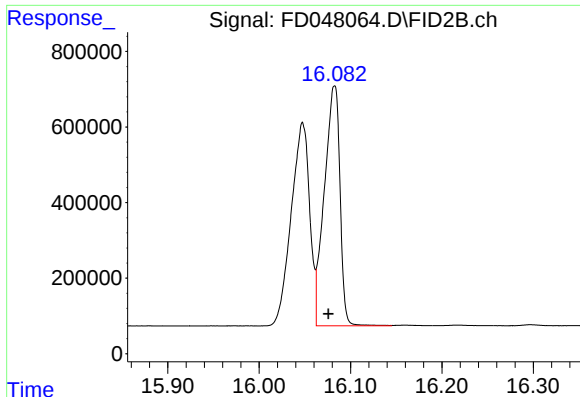
#15 Chrysene (C27.41)

R.T.: 14.543 min
Delta R.T.: 0.005 min
Response: 7684919
Conc: 47.67 ug/ml



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

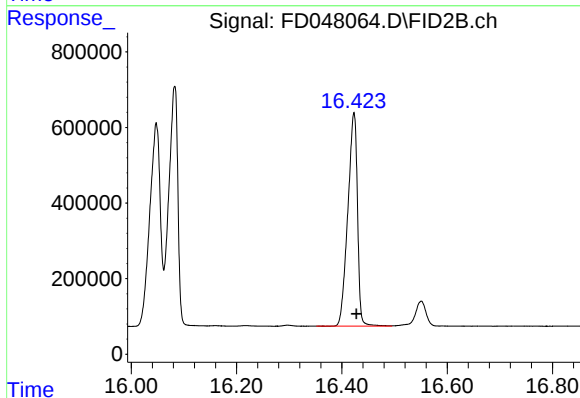
R.T.: 16.047 min
Delta R.T.: 0.005 min
Response: 7550570
Conc: 52.46 ug/ml



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

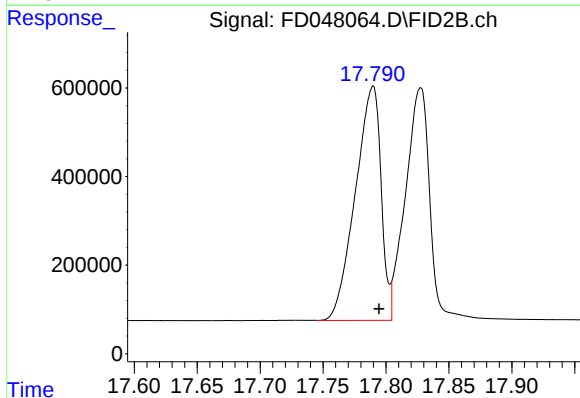
R.T.: 16.082 min
Delta R.T.: 0.006 min
Response: 7563498
Conc: 50.64 ug/ml

Instrument :
FID_D
ClientSampleId :



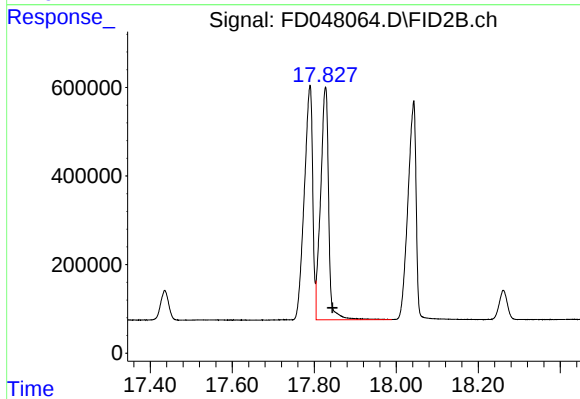
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.423 min
Delta R.T.: -0.005 min
Response: 7175486
Conc: 50.66 ug/ml



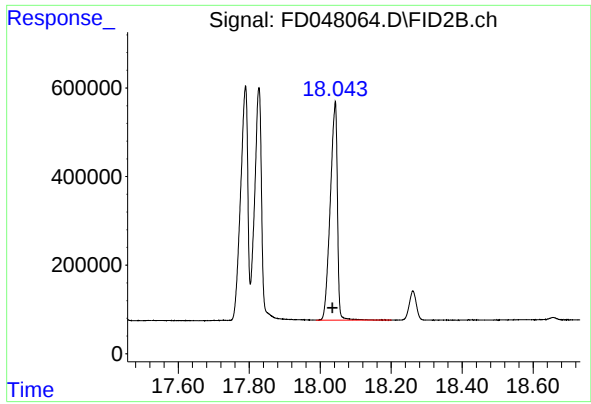
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.789 min
Delta R.T.: -0.006 min
Response: 7533890
Conc: 66.80 ug/ml



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

R.T.: 17.827 min
Delta R.T.: -0.017 min
Response: 7168397
Conc: 49.32 ug/ml



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

R.T.: 18.041 min
Delta R.T.: 0.006 min
Response: 6893357
Conc: 46.78 ug/ml

Instrument :

FID_D

ClientSampleId :