

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD080124AR\
 Data File : FD048116.D
 Signal(s) : FID2B.ch
 Acq On : 01 Aug 2024 17:39
 Operator : YP/AJ
 Sample : PB162418BS
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 02 04:27:19 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...	7.405	7186791	48.355 ug/ml
Spiked Amount 50.000		Recovery =	96.71%
6) S 2-Fluorobiphenyl (SURR)	8.255	2855921	30.177 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	60.35%
11) S ortho-Terphenyl (SURR)	11.295	7290672	43.574 ug/ml
Spiked Amount 50.000		Recovery =	87.15%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.223	2904214	17.343 ug/ml
2) T Naphthalene (C11.7)	5.743	4430918	25.640 ug/ml
3) T 2-Methylnaphthalene (...)	6.791	5031744	29.006 ug/ml
5) T Acenaphthylene (C15.06)	8.059	6709963	39.155 ug/ml
7) T Acenaphthene (C15.5)	8.354	5900425	34.013 ug/ml
8) T Fluorene (C16.55)	9.134	7060017	43.468 ug/ml
9) T Phenanthrene (C19.36)	10.522	7169740	45.146 ug/ml
10) T Anthracene (C19.43)	10.598	7251465	45.925 ug/ml
12) T Fluoranthene (C21.85)	12.327	8044968	50.811 ug/ml
13) T Pyrene (C20.8)	12.622	7318520	46.282 ug/ml
14) T Benzo[a]anthracene (C...	14.491	6760818	49.520 ug/ml
15) T Chrysene (C27.41)	14.534	6818809	42.299 ug/ml
16) T benzo[b]fluoranthene ...	16.039	6666355	46.315 ug/ml
17) T Bnezo[k]fluoranthene ...	16.073	6662782	44.610 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.414	6350814	44.839 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.781	6659202	59.043 ug/ml
20) T Dibenz[a,h]anthracene...	17.820	6323603	43.511 ug/ml
21) T Benzo[g,h,i]perylene ...	18.033	6149462	41.728 ug/ml

(f)=RT Delta > 1/2 Window

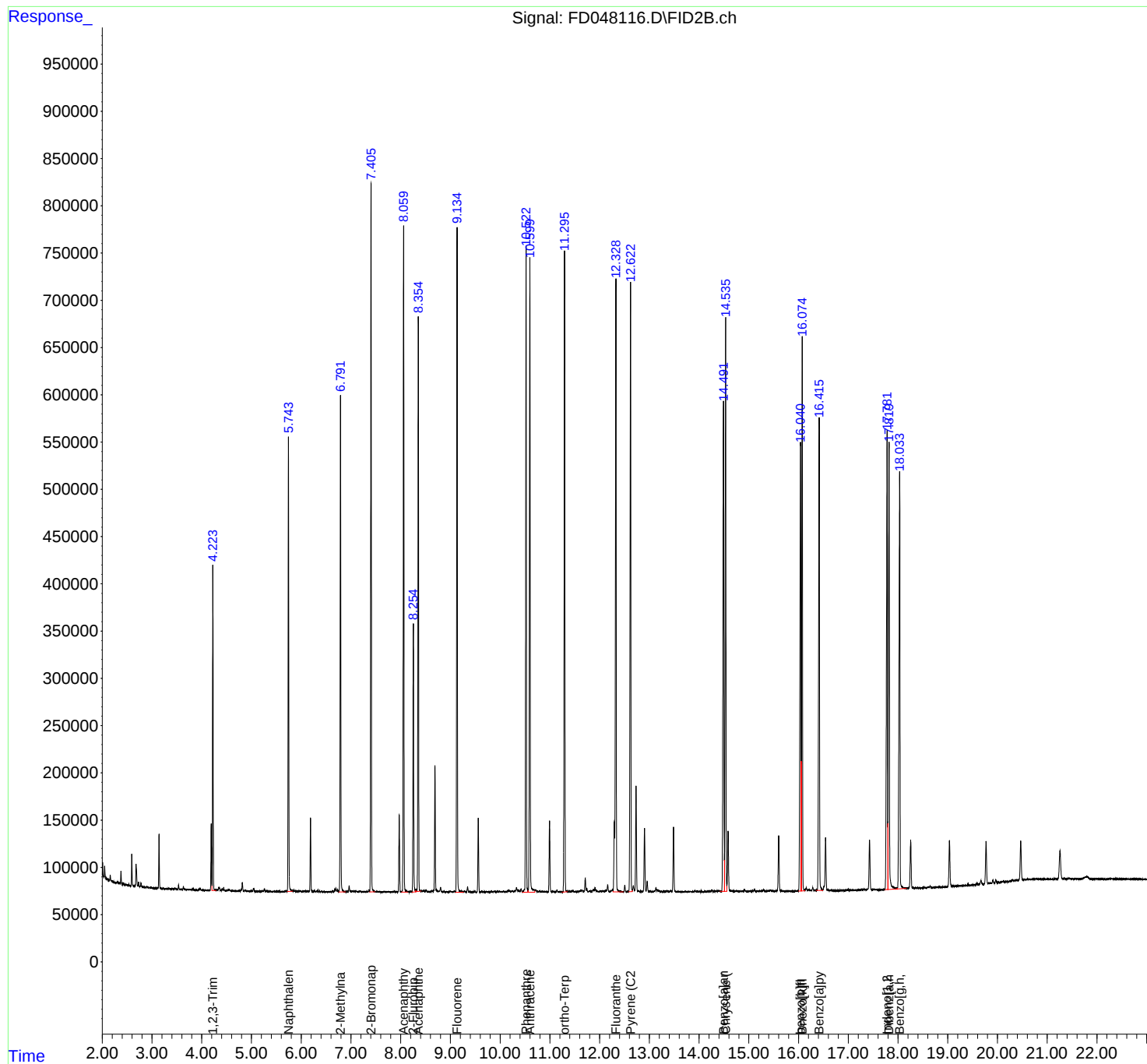
(m)=manual int.

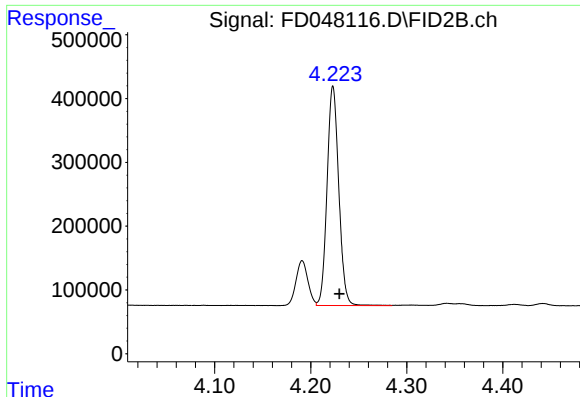
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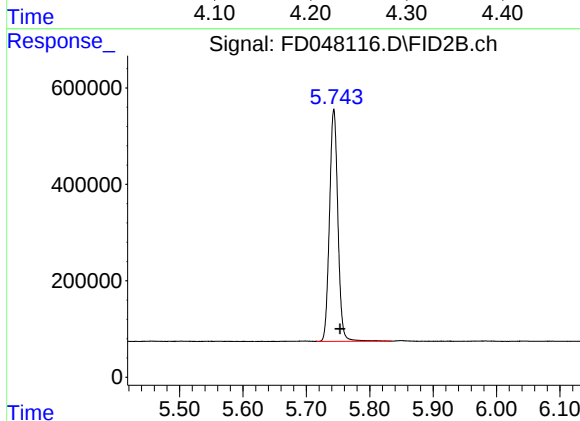




#1 1,2,3-Trimethylbenzene (C10.1)

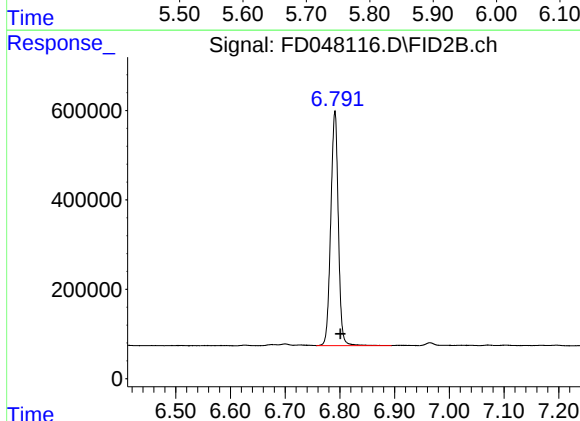
R.T.: 4.223 min
Delta R.T.: -0.007 min
Response: 2904214
Conc: 17.34 ug/ml

Instrument :
FID_D
ClientSampleId :



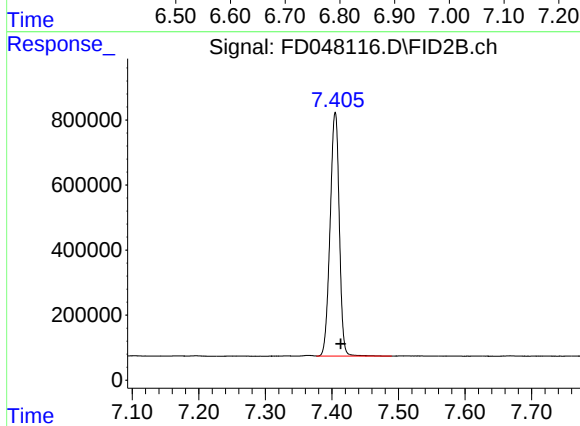
#2 Naphthalene (C11.7)

R.T.: 5.743 min
Delta R.T.: -0.010 min
Response: 4430918
Conc: 25.64 ug/ml



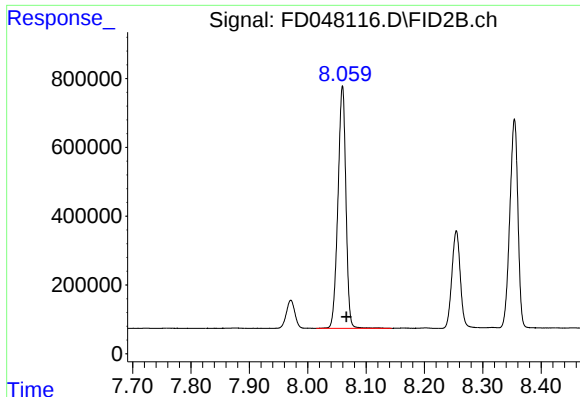
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.791 min
Delta R.T.: -0.010 min
Response: 5031744
Conc: 29.01 ug/ml



#4 2-Bromonaphthalene (SURR)

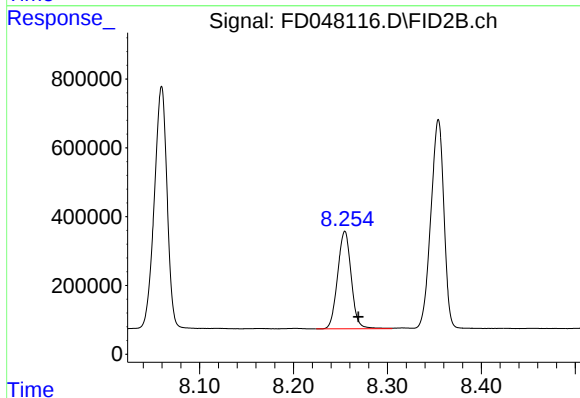
R.T.: 7.405 min
Delta R.T.: -0.009 min
Response: 7186791
Conc: 48.36 ug/ml



#5 Acenaphthylene (C15.06)

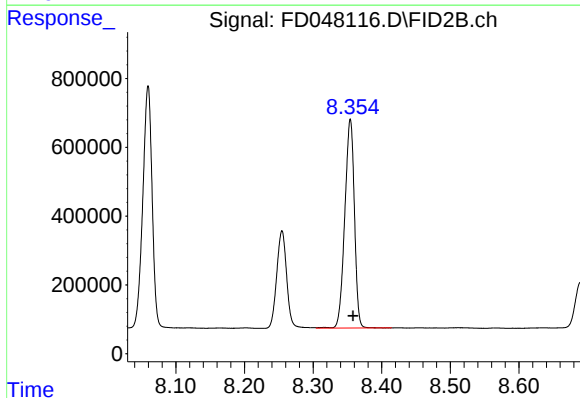
R.T.: 8.059 min
Delta R.T.: -0.007 min
Response: 6709963
Conc: 39.15 ug/ml

Instrument :
FID_D
ClientSampleId :



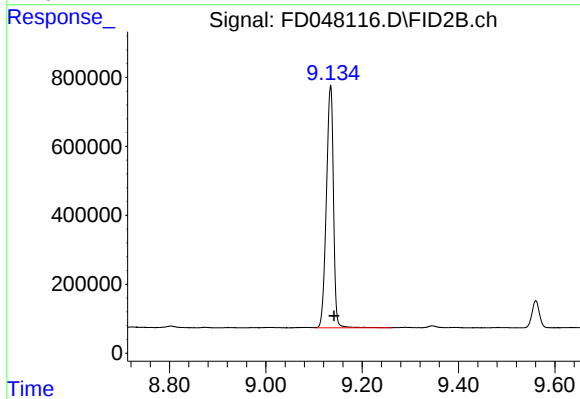
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.255 min
Delta R.T.: -0.014 min
Response: 2855921
Conc: 30.18 ug/ml



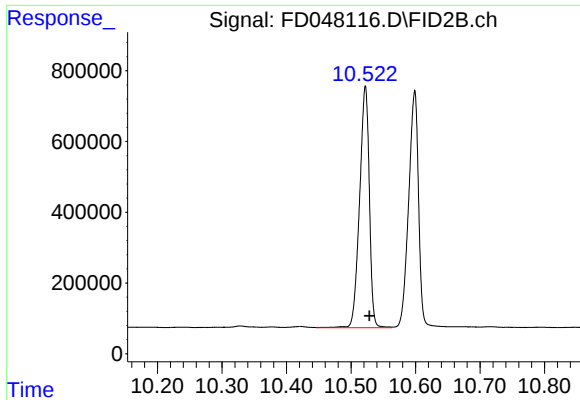
#7 Acenaphthene (C15.5)

R.T.: 8.354 min
Delta R.T.: -0.005 min
Response: 5900425
Conc: 34.01 ug/ml



#8 Flouorene (C16.55)

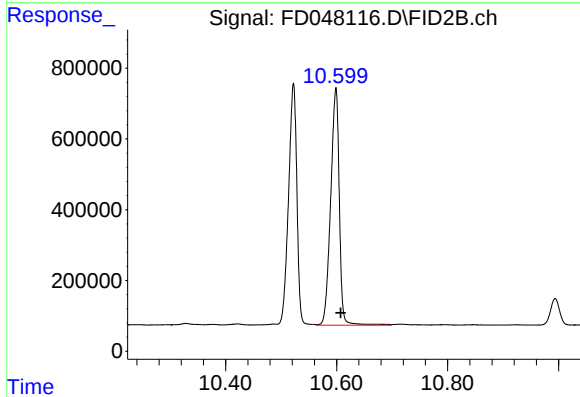
R.T.: 9.134 min
Delta R.T.: -0.008 min
Response: 7060017
Conc: 43.47 ug/ml



#9 Phenanthrene (C19.36)

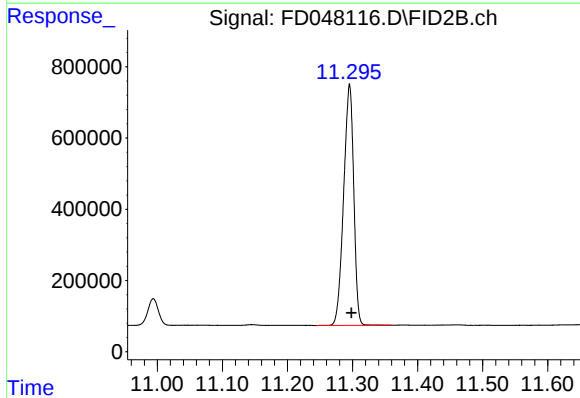
R.T.: 10.522 min
Delta R.T.: -0.007 min
Response: 7169740
Conc: 45.15 ug/ml

Instrument :
FID_D
ClientSampleId :



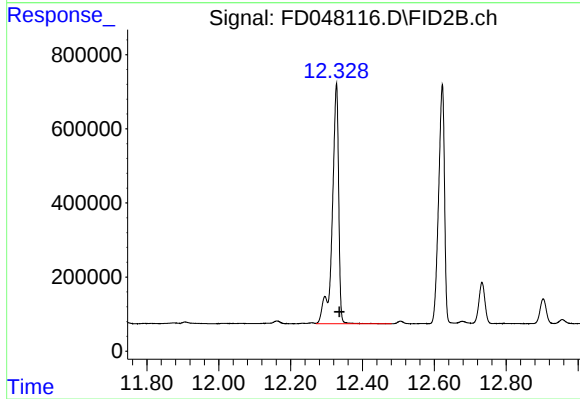
#10 Anthracene (C19.43)

R.T.: 10.598 min
Delta R.T.: -0.009 min
Response: 7251465
Conc: 45.92 ug/ml



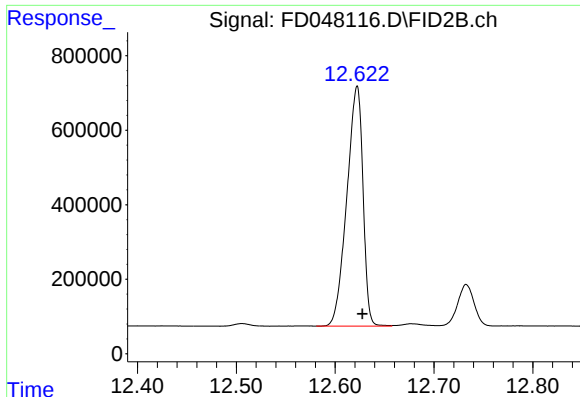
#11 ortho-Terphenyl (SURR)

R.T.: 11.295 min
Delta R.T.: -0.003 min
Response: 7290672
Conc: 43.57 ug/ml



#12 Fluoranthene (C21.85)

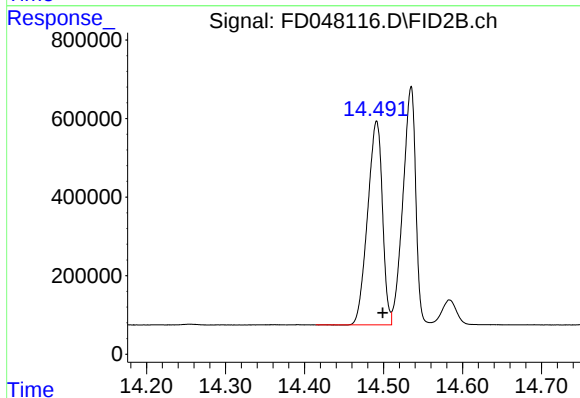
R.T.: 12.327 min
Delta R.T.: -0.009 min
Response: 8044968
Conc: 50.81 ug/ml



#13 Pyrene (C20.8)

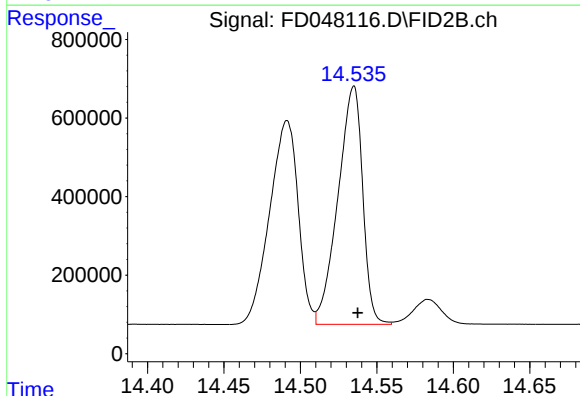
R.T.: 12.622 min
Delta R.T.: -0.006 min
Response: 7318520
Conc: 46.28 ug/ml

Instrument :
FID_D
ClientSampleId :



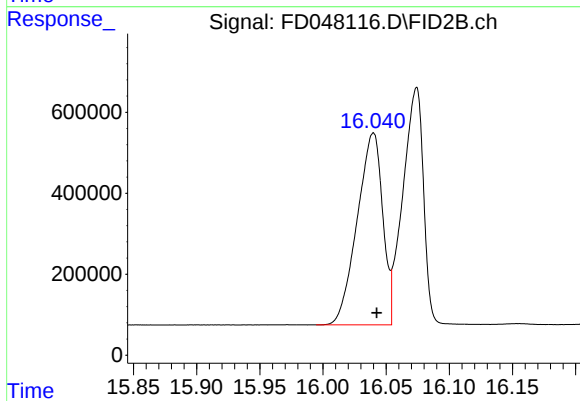
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.491 min
Delta R.T.: -0.008 min
Response: 6760818
Conc: 49.52 ug/ml



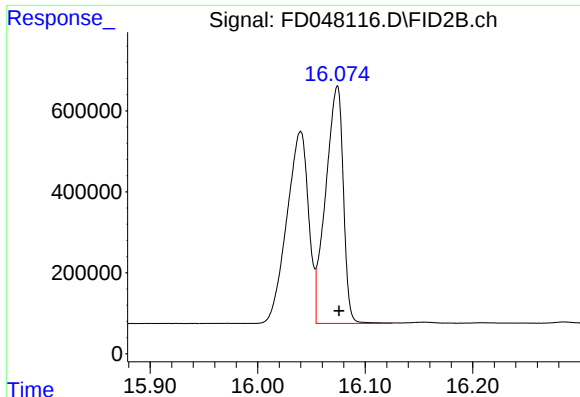
#15 Chrysene (C27.41)

R.T.: 14.534 min
Delta R.T.: -0.003 min
Response: 6818809
Conc: 42.30 ug/ml



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

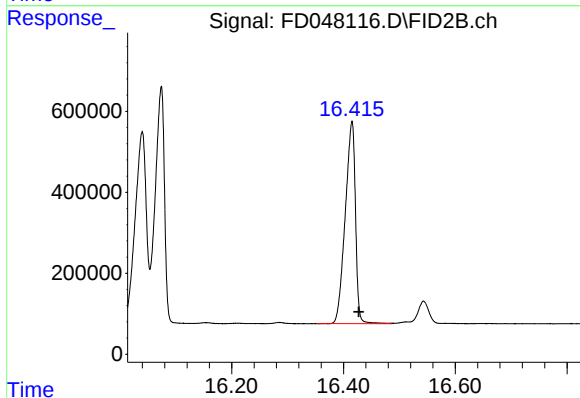
R.T.: 16.039 min
Delta R.T.: -0.003 min
Response: 6666355
Conc: 46.31 ug/ml



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

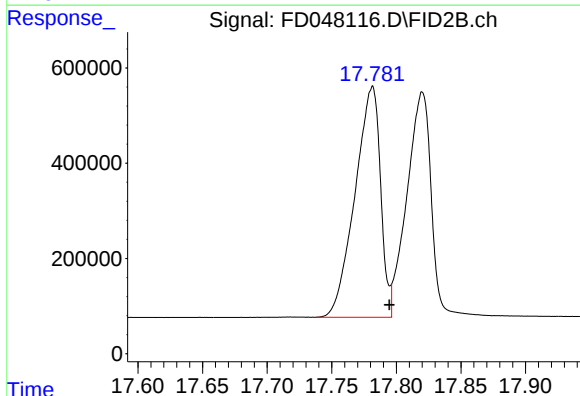
R.T.: 16.073 min
Delta R.T.: -0.003 min
Response: 6662782
Conc: 44.61 ug/ml

Instrument :
FID_D
ClientSampleId :



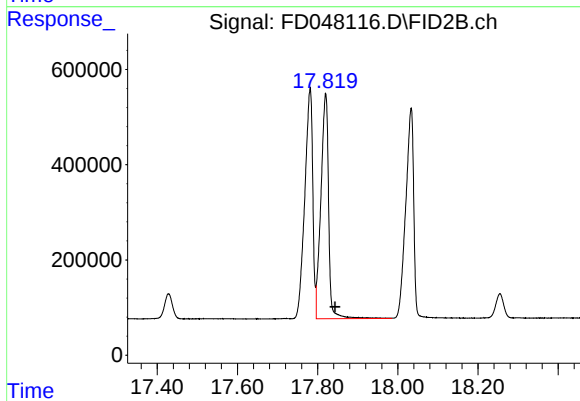
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.414 min
Delta R.T.: -0.013 min
Response: 6350814
Conc: 44.84 ug/ml



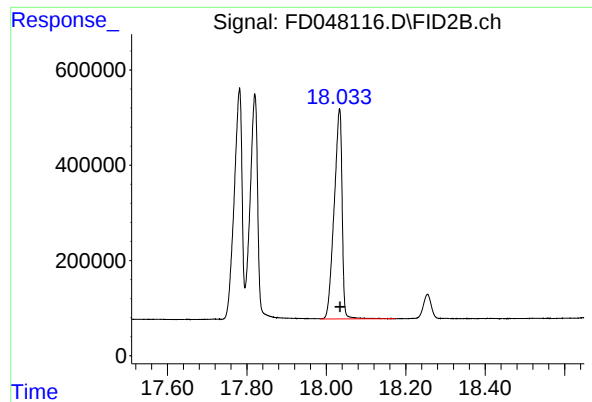
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.781 min
Delta R.T.: -0.014 min
Response: 6659202
Conc: 59.04 ug/ml



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

R.T.: 17.820 min
Delta R.T.: -0.024 min
Response: 6323603
Conc: 43.51 ug/ml



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

R.T.: 18.033 min
Delta R.T.: -0.002 min
Response: 6149462
Conc: 41.73 ug/ml

Instrument :

FID_D

ClientSampleId :