

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092024AR\
 Data File : FD048360.D
 Signal(s) : FID2B.ch
 Acq On : 20 Sep 2024 18:04
 Operator : YP/AJ
 Sample : PB163557BSD
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 21 02:15:29 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 090624.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 06 11:53:01 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...	7.387	8639252	56.964 ug/ml
Spiked Amount 50.000		Recovery =	113.93%
6) S 2-Fluorobiphenyl (SURR)	8.237	5509459	57.661 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	115.32%
11) S ortho-Terphenyl (SURR)	11.274	7965931	46.430 ug/ml
Spiked Amount 50.000		Recovery =	92.86%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.208	7268014	41.200 ug/ml
2) T Naphthalene (C11.7)	5.727	8139609	45.010 ug/ml
3) T 2-Methylnaphthalene (...)	6.774	8373069	46.801 ug/ml
5) T Acenaphthylene (C15.06)	8.041	8676381	49.660 ug/ml
7) T Acenaphthene (C15.5)	8.336	8589116	48.293 ug/ml
8) T Flouorene (C16.55)	9.115	8807929	52.600 ug/ml
9) T Phenanthrene (C19.36)	10.503	8953775	55.459 ug/ml
10) T Anthracene (C19.43)	10.579	8803315	55.322 ug/ml
12) T Fluoranthene (C21.85)	12.309	10541227	65.024 ug/ml
13) T Pyrene (C20.8)	12.602	9292101	57.953 ug/ml
14) T Benzo[a]anthracene (C...	14.472	8608583	61.456 ug/ml
15) T Chrysene (C27.41)	14.515	8597315	52.195 ug/ml
16) T benzo[b]fluoranthene ...	16.020	8646754	58.197 ug/ml
17) T Bnezo[k]fluoranthene ...	16.055	8590206	55.775 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.396	8384896	56.673 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.763	8341154	73.820 ug/ml
20) T Dibenz[a,h]anthracene...	17.801	8193456	53.688 ug/ml
21) T Benzo[g,h,i]perylene ...	18.015	7933586	53.823 ug/ml

(f)=RT Delta > 1/2 Window

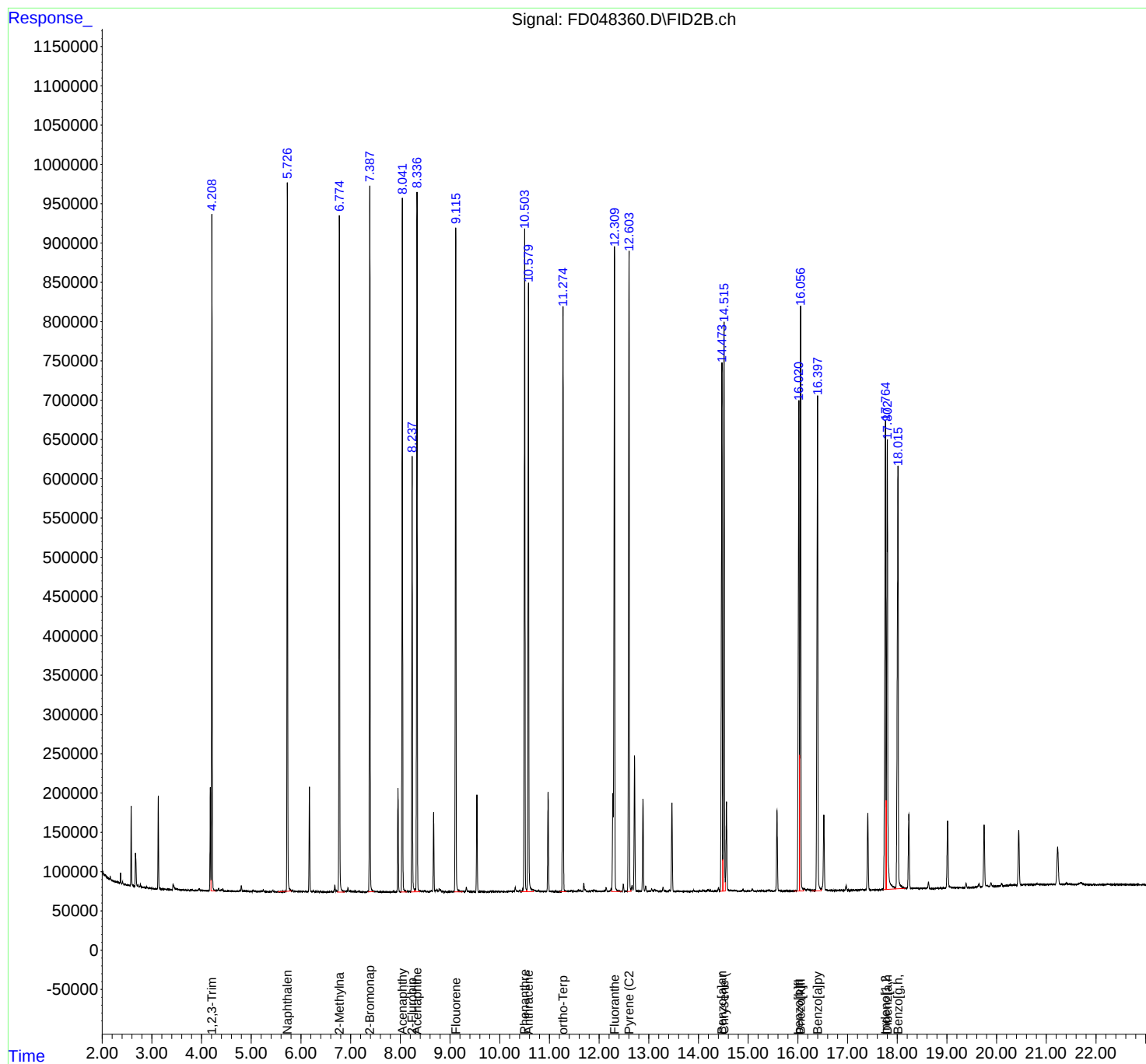
(m)=manual int.

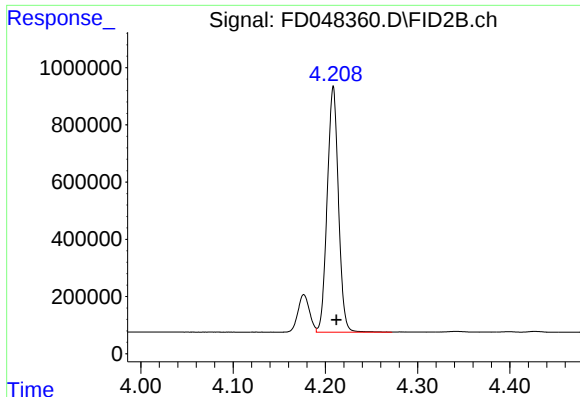
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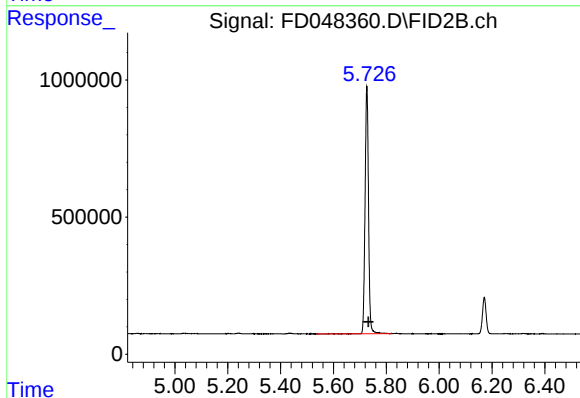




#1 1,2,3-Trimethylbenzene (C10.1)

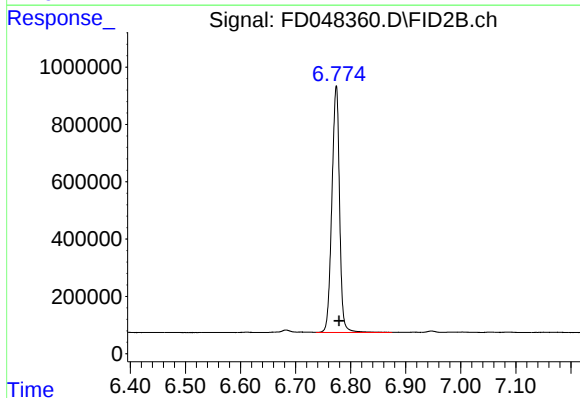
R.T.: 4.208 min
Delta R.T.: -0.004 min
Response: 7268014
Conc: 41.20 ug/ml

Instrument :
FID_D
ClientSampleId :



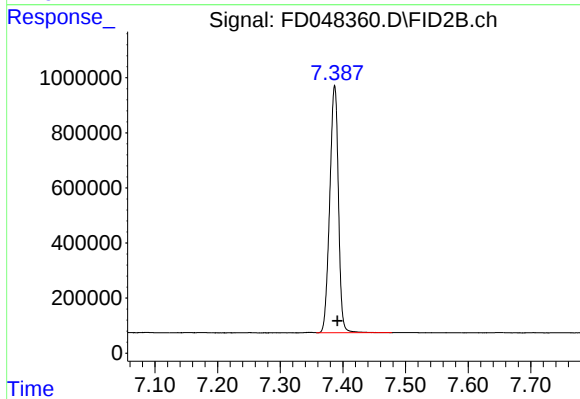
#2 Naphthalene (C11.7)

R.T.: 5.727 min
Delta R.T.: -0.006 min
Response: 8139609
Conc: 45.01 ug/ml



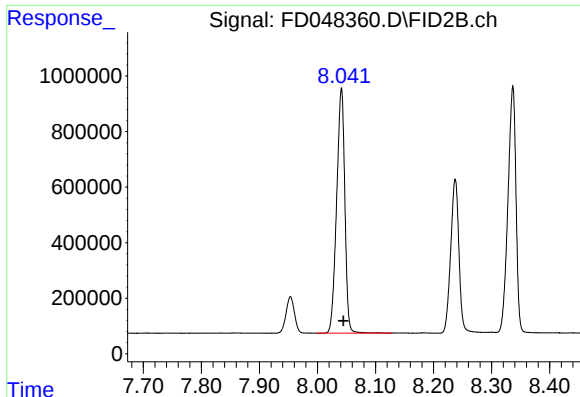
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.774 min
Delta R.T.: -0.005 min
Response: 8373069
Conc: 46.80 ug/ml



#4 2-Bromonaphthalene (SURR)

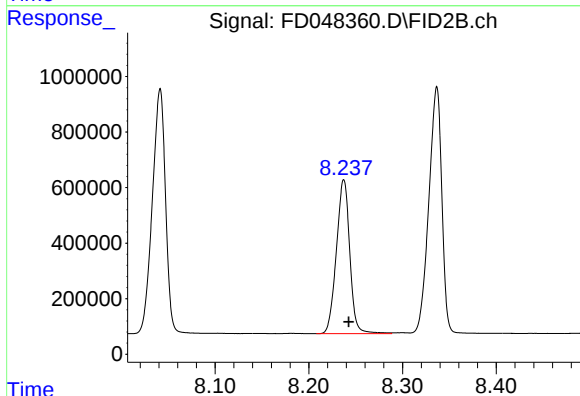
R.T.: 7.387 min
Delta R.T.: -0.005 min
Response: 8639252
Conc: 56.96 ug/ml



#5 Acenaphthylene (C15.06)

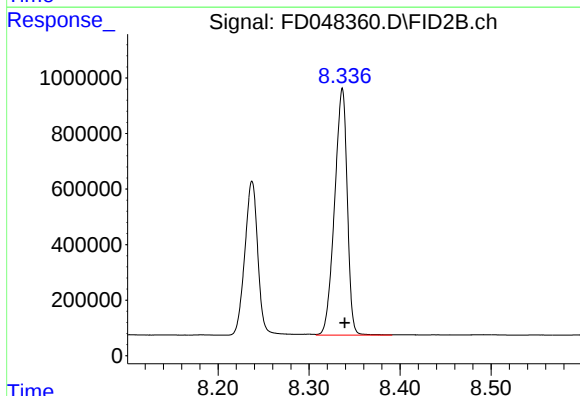
R.T.: 8.041 min
Delta R.T.: -0.004 min
Response: 8676381
Conc: 49.66 ug/ml

Instrument :
FID_D
ClientSampleId :



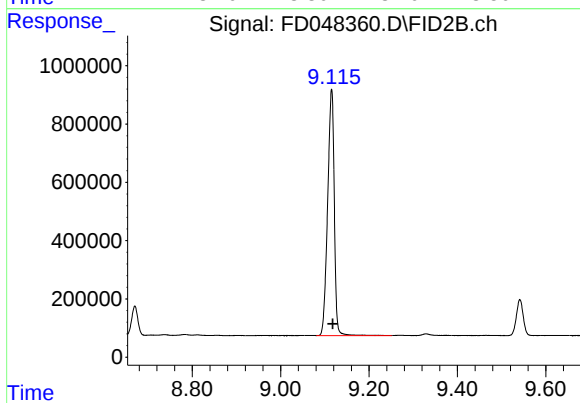
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.237 min
Delta R.T.: -0.005 min
Response: 5509459
Conc: 57.66 ug/ml



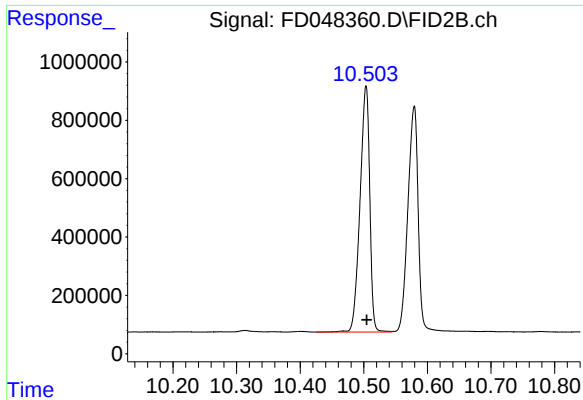
#7 Acenaphthene (C15.5)

R.T.: 8.336 min
Delta R.T.: -0.003 min
Response: 8589116
Conc: 48.29 ug/ml



#8 Flouorene (C16.55)

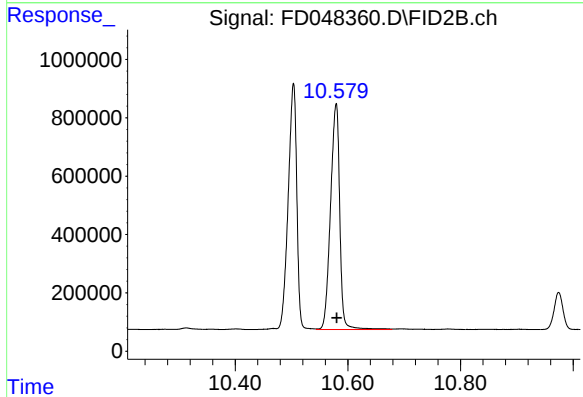
R.T.: 9.115 min
Delta R.T.: -0.003 min
Response: 8807929
Conc: 52.60 ug/ml



#9 Phenanthrene (C19.36)

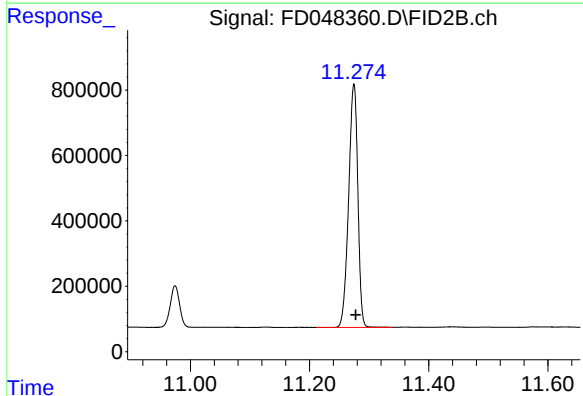
R.T.: 10.503 min
Delta R.T.: -0.002 min
Response: 8953775
Conc: 55.46 ug/ml

Instrument :
FID_D
ClientSampleId :



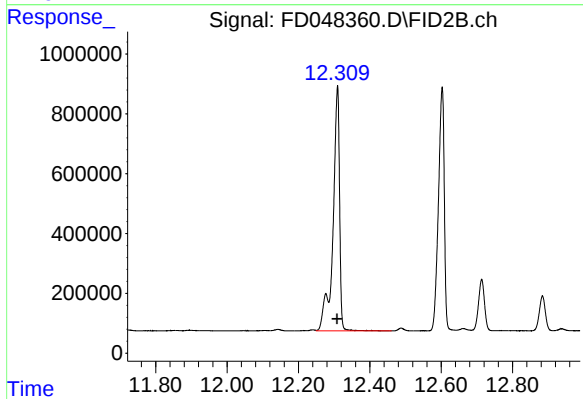
#10 Anthracene (C19.43)

R.T.: 10.579 min
Delta R.T.: -0.002 min
Response: 8803315
Conc: 55.32 ug/ml



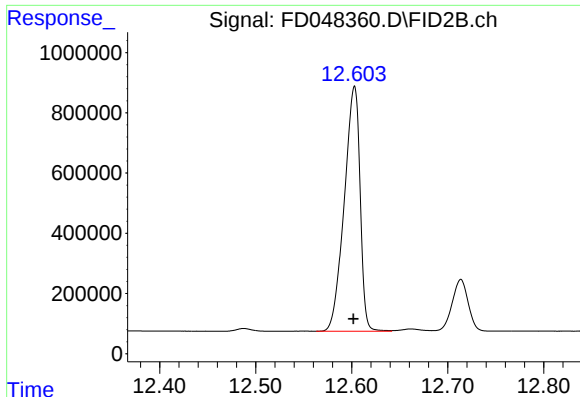
#11 ortho-Terphenyl (SURR)

R.T.: 11.274 min
Delta R.T.: -0.003 min
Response: 7965931
Conc: 46.43 ug/ml



#12 Fluoranthene (C21.85)

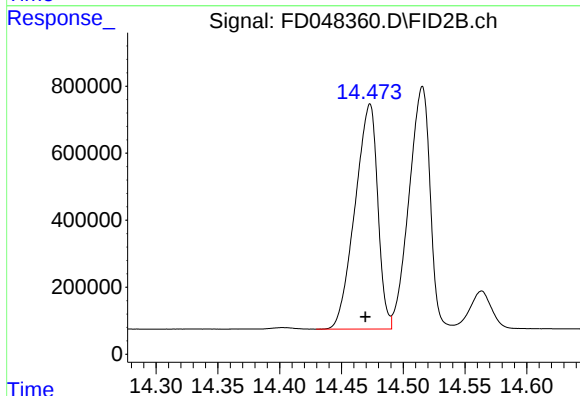
R.T.: 12.309 min
Delta R.T.: 0.000 min
Response: 10541227
Conc: 65.02 ug/ml



#13 Pyrene (C20.8)

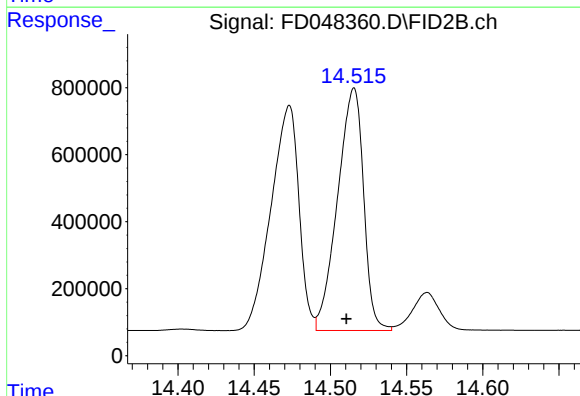
R.T.: 12.602 min
Delta R.T.: 0.000 min
Response: 9292101
Conc: 57.95 ug/ml

Instrument :
FID_D
ClientSampleId :



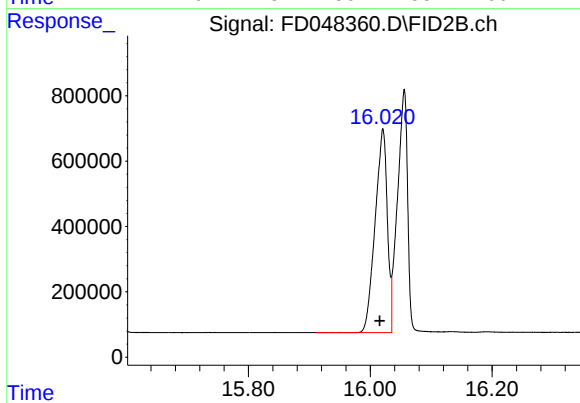
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.472 min
Delta R.T.: 0.003 min
Response: 8608583
Conc: 61.46 ug/ml



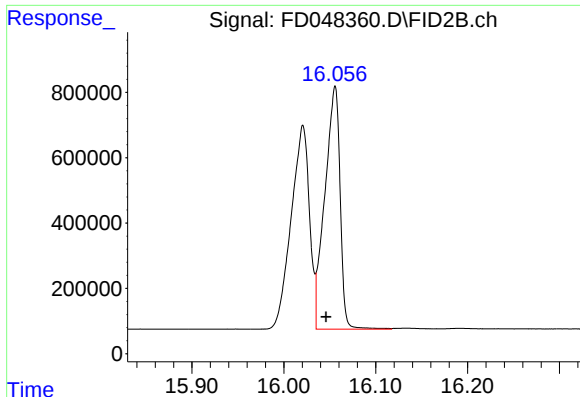
#15 Chrysene (C27.41)

R.T.: 14.515 min
Delta R.T.: 0.004 min
Response: 8597315
Conc: 52.19 ug/ml



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

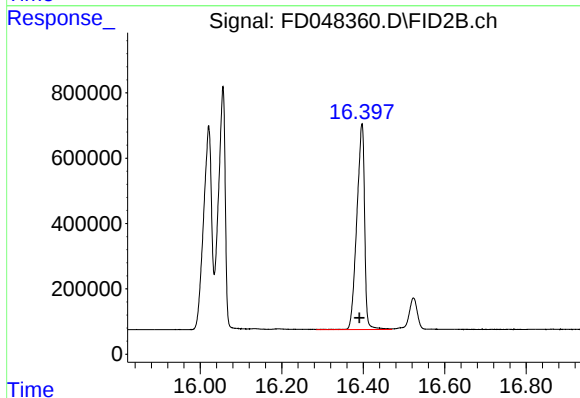
R.T.: 16.020 min
Delta R.T.: 0.005 min
Response: 8646754
Conc: 58.20 ug/ml



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

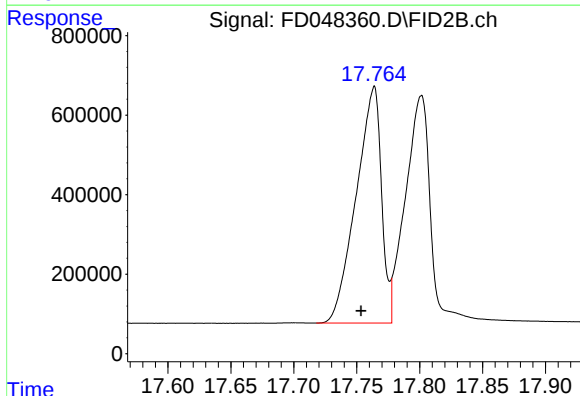
R.T.: 16.055 min
Delta R.T.: 0.009 min
Response: 8590206
Conc: 55.77 ug/ml

Instrument :
FID_D
ClientSampleId :



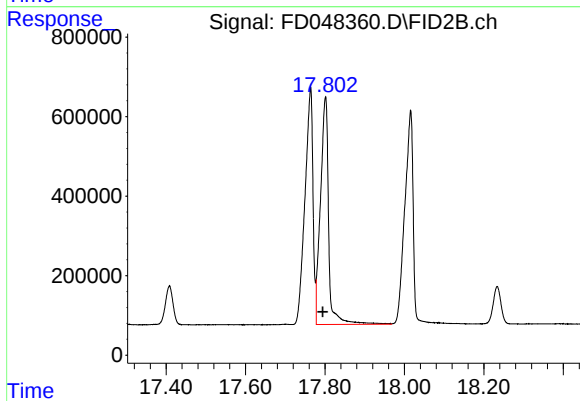
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.396 min
Delta R.T.: 0.006 min
Response: 8384896
Conc: 56.67 ug/ml



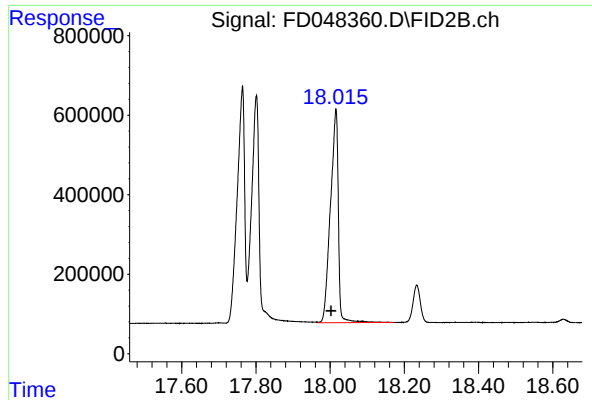
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.763 min
Delta R.T.: 0.010 min
Response: 8341154
Conc: 73.82 ug/ml



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

R.T.: 17.801 min
Delta R.T.: 0.006 min
Response: 8193456
Conc: 53.69 ug/ml



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

R.T.: 18.015 min
Delta R.T.: 0.012 min
Response: 7933586
Conc: 53.82 ug/ml

Instrument :

FID_D

ClientSampleId :