

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071624AR\
 Data File : FD048009.D
 Signal(s) : FID2B.ch
 Acq On : 16 Jul 2024 16:19
 Operator : YP/AJ
 Sample : P3245-01MS
 Misc :
 ALS Vial : 70 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 WC-CTW2-BL-EPH-01MS

Integration File: autoint1.e
 Quant Time: Jul 17 01:36:47 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...	7.410	7400863	49.796 ug/ml
Spiked Amount 50.000		Recovery =	99.59%
6) S 2-Fluorobiphenyl (SURR)	8.262	4890792	51.678 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	103.36%
11) S ortho-Terphenyl (SURR)	11.299	5127123	30.643 ug/ml
Spiked Amount 50.000		Recovery =	61.29%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.229	5408704	32.300 ug/ml
2) T Naphthalene (C11.7)	5.749	6257685	36.210 ug/ml
3) T 2-Methylnaphthalene (...)	6.797	6565140	37.845 ug/ml
5) T Acenaphthylene (C15.06)	8.065	6721388	39.221 ug/ml
7) T Acenaphthene (C15.5)	8.360	6699325	38.618 ug/ml
8) T Flouorene (C16.55)	9.139	6838389	42.103 ug/ml
9) T Phenanthrene (C19.36)	10.528	7093546	44.666 ug/ml
10) T Anthracene (C19.43)	10.603	7197222	45.581 ug/ml
12) T Fluoranthene (C21.85)	12.334	7428951	46.920 ug/ml
13) T Pyrene (C20.8)	12.628	7469065	47.234 ug/ml
14) T Benzo[a]anthracene (C...	14.498	6943673	50.859 ug/ml
15) T Chrysene (C27.41)	14.540	6993411	43.383 ug/ml
16) T benzo[b]fluoranthene ...	16.046	6856472	47.636 ug/ml
17) T Bnezo[k]fluoranthene ...	16.080	6867624	45.981 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.421	6500729	45.897 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.787	6734099	59.707 ug/ml
20) T Dibenz[a,h]anthracene...	17.824	6525466	44.900 ug/ml
21) T Benzo[g,h,i]perylene ...	18.038	6269842	42.545 ug/ml

(f)=RT Delta > 1/2 Window

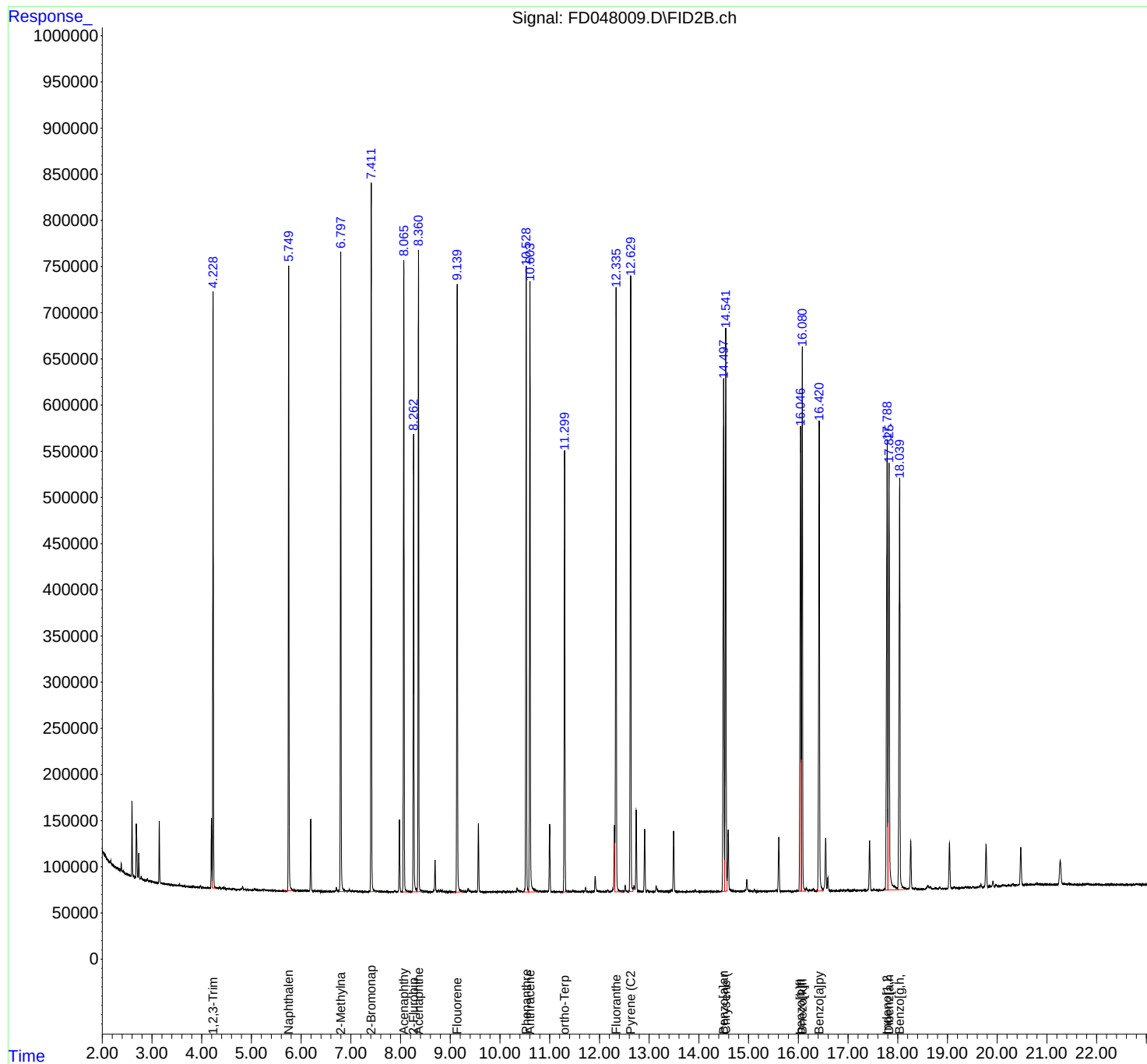
(m)=manual int.

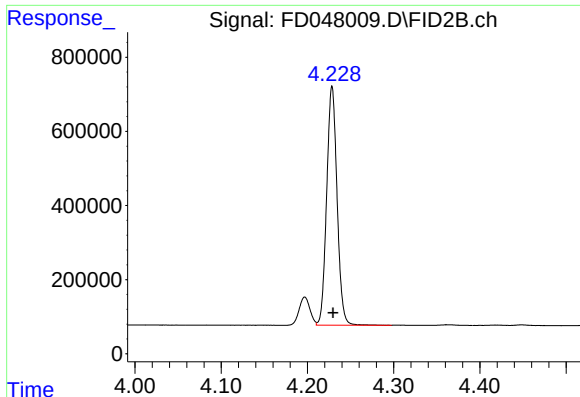
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Signal Info : 20M x 0.18mm x 0.18µm

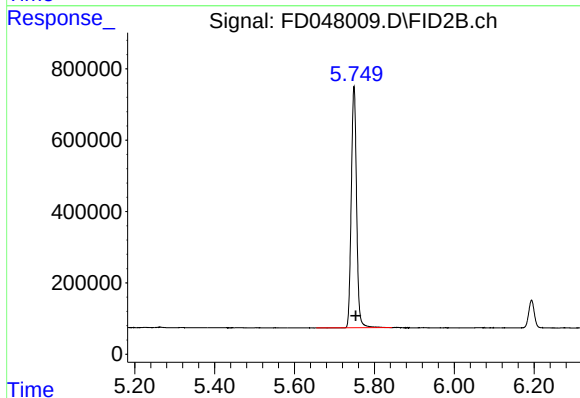




#1 1,2,3-Trimethylbenzene (C10.1)

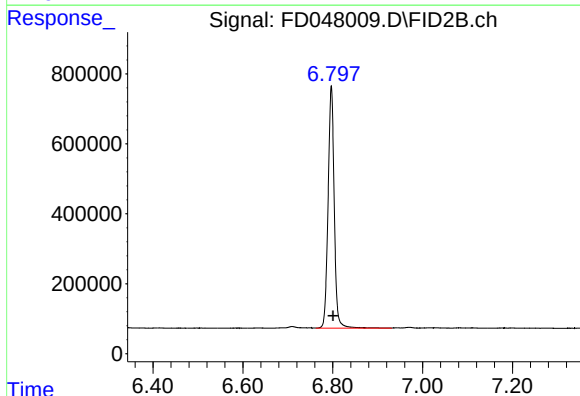
R.T.: 4.229 min
Delta R.T.: -0.001 min
Response: 5408704
Conc: 32.30 ug/ml

Instrument :
FID_D
ClientSampleId :
WC-CTW2-BL-EPH-01MS



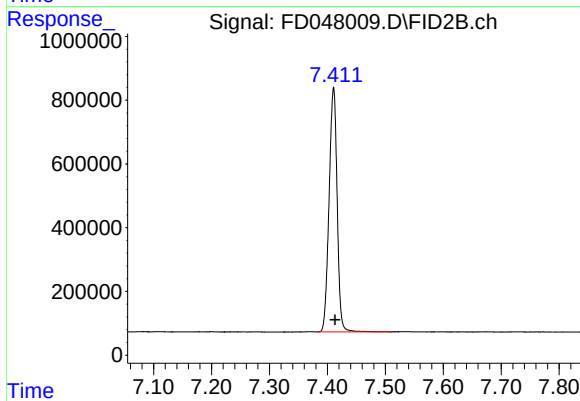
#2 Naphthalene (C11.7)

R.T.: 5.749 min
Delta R.T.: -0.004 min
Response: 6257685
Conc: 36.21 ug/ml



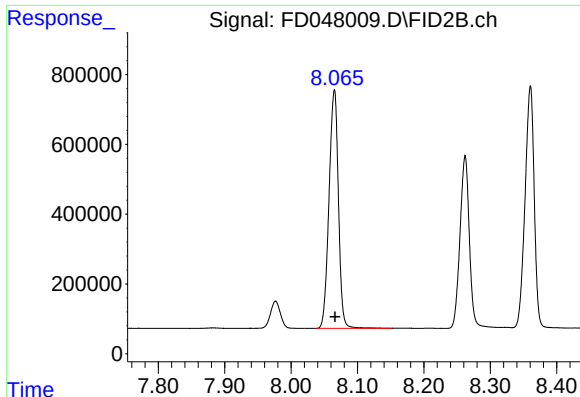
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.797 min
Delta R.T.: -0.004 min
Response: 6565140
Conc: 37.85 ug/ml



#4 2-Bromonaphthalene (SURR)

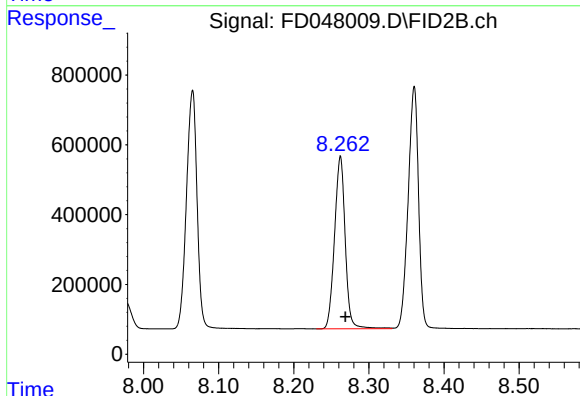
R.T.: 7.410 min
Delta R.T.: -0.003 min
Response: 7400863
Conc: 49.80 ug/ml



#5 Acenaphthylene (C15.06)

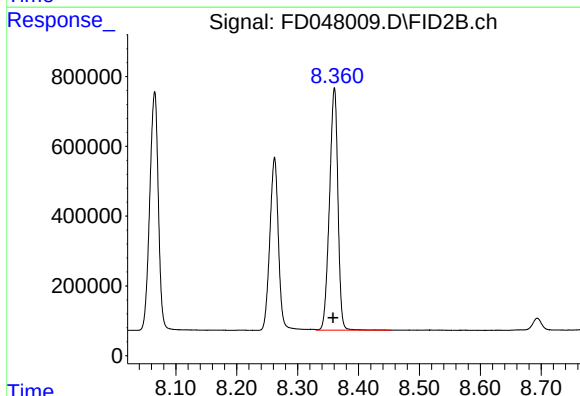
R.T.: 8.065 min
Delta R.T.: -0.002 min
Response: 6721388
Conc: 39.22 ug/ml

Instrument :
FID_D
ClientSampleId :
WC-CTW2-BL-EPH-01MS



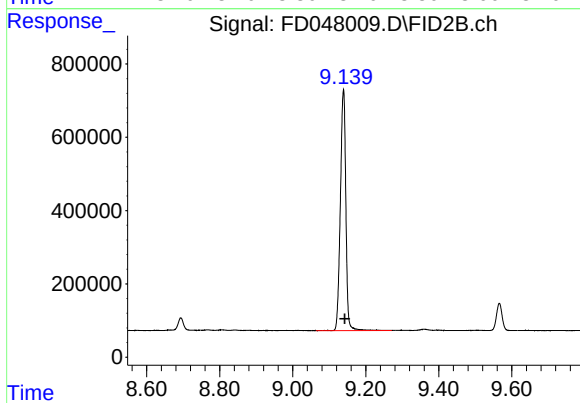
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.262 min
Delta R.T.: -0.007 min
Response: 4890792
Conc: 51.68 ug/ml



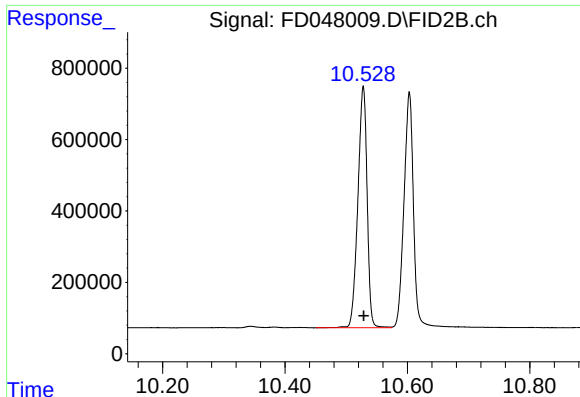
#7 Acenaphthene (C15.5)

R.T.: 8.360 min
Delta R.T.: 0.002 min
Response: 6699325
Conc: 38.62 ug/ml



#8 Fluorene (C16.55)

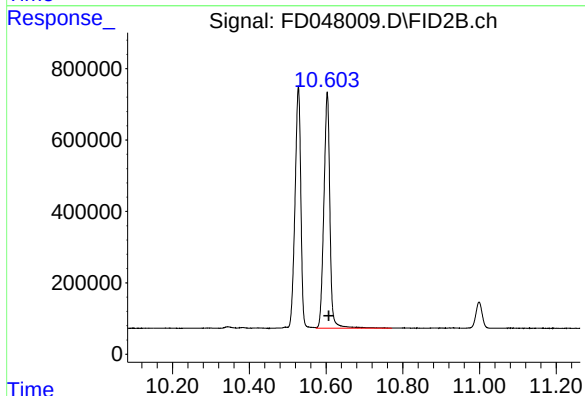
R.T.: 9.139 min
Delta R.T.: -0.003 min
Response: 6838389
Conc: 42.10 ug/ml



#9 Phenanthrene (C19.36)

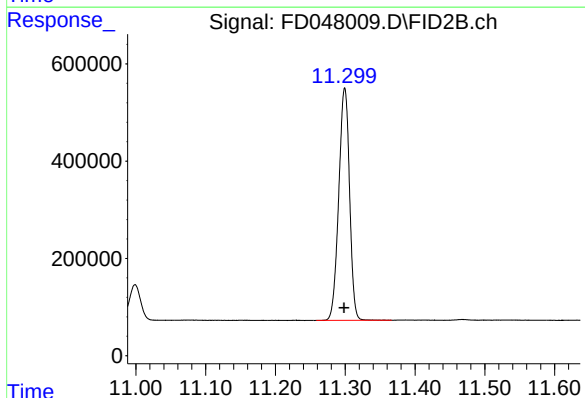
R.T.: 10.528 min
Delta R.T.: -0.001 min
Response: 7093546
Conc: 44.67 ug/ml

Instrument :
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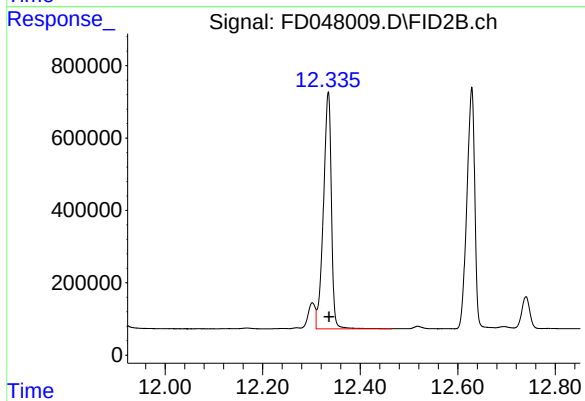
#10 Anthracene (C19.43)

R.T.: 10.603 min
Delta R.T.: -0.004 min
Response: 7197222
Conc: 45.58 ug/ml



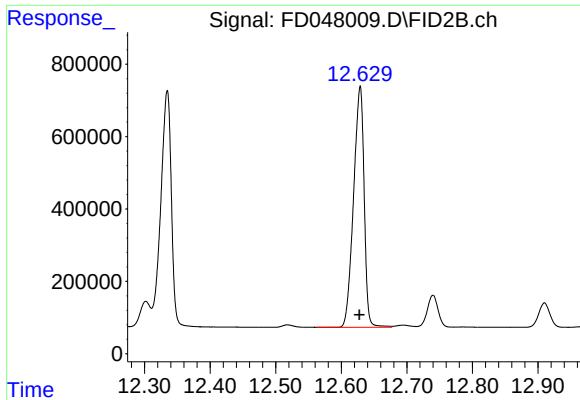
#11 ortho-Terphenyl (SURR)

R.T.: 11.299 min
Delta R.T.: 0.000 min
Response: 5127123
Conc: 30.64 ug/ml



#12 Fluoranthene (C21.85)

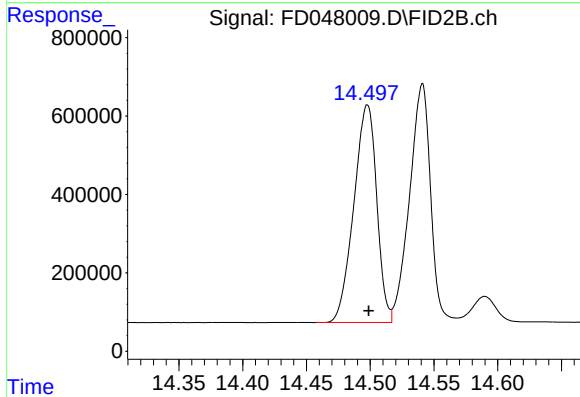
R.T.: 12.334 min
Delta R.T.: -0.002 min
Response: 7428951
Conc: 46.92 ug/ml



#13 Pyrene (C20.8)

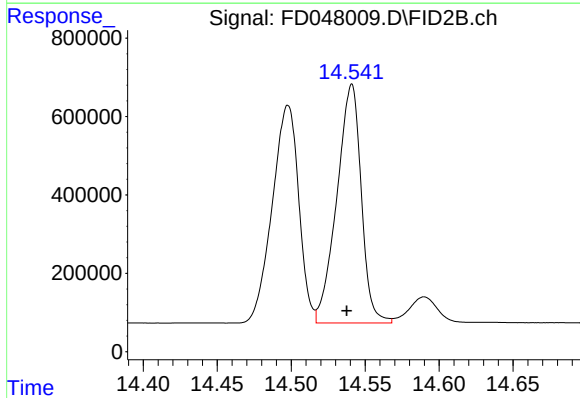
R.T.: 12.628 min
Delta R.T.: 0.000 min
Response: 7469065
Conc: 47.23 ug/ml

Instrument :
FID_D
ClientSampleId :
WC-CTW2-BL-EPH-01MS



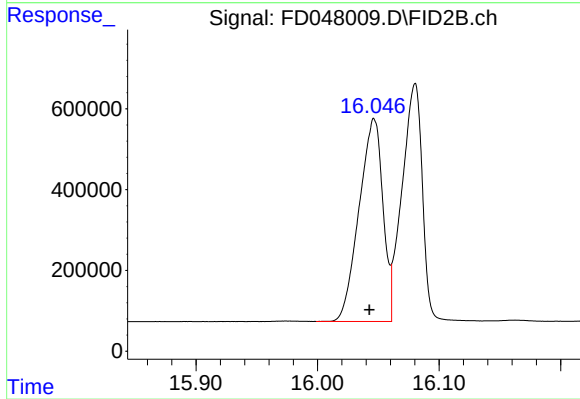
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.498 min
Delta R.T.: -0.001 min
Response: 6943673
Conc: 50.86 ug/ml



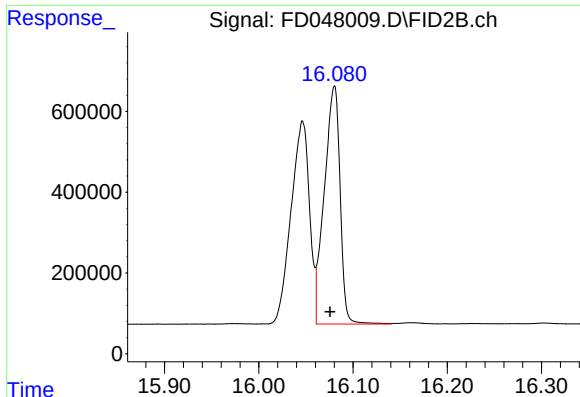
#15 Chrysene (C27.41)

R.T.: 14.540 min
Delta R.T.: 0.003 min
Response: 6993411
Conc: 43.38 ug/ml



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

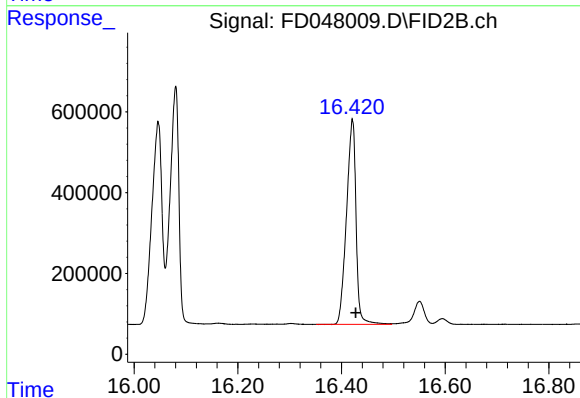
R.T.: 16.046 min
Delta R.T.: 0.003 min
Response: 6856472
Conc: 47.64 ug/ml



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

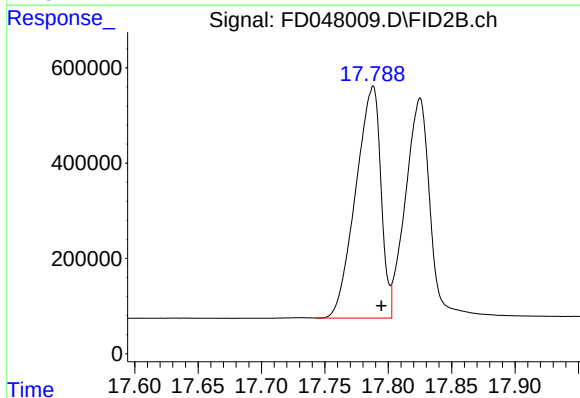
R.T.: 16.080 min
Delta R.T.: 0.004 min
Response: 6867624
Conc: 45.98 ug/ml

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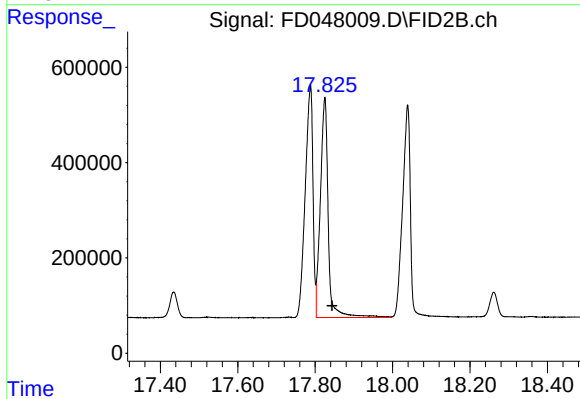
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.421 min
Delta R.T.: -0.007 min
Response: 6500729
Conc: 45.90 ug/ml



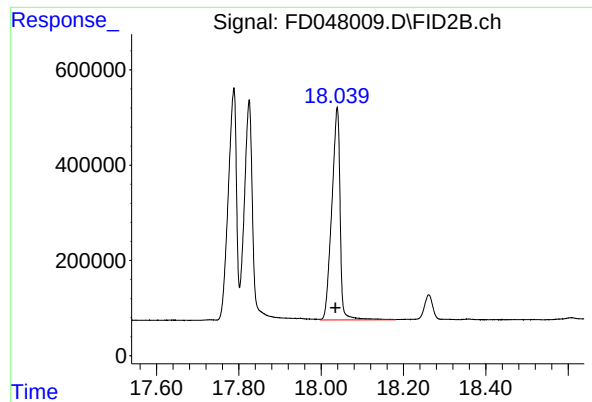
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.787 min
Delta R.T.: -0.008 min
Response: 6734099
Conc: 59.71 ug/ml



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

R.T.: 17.824 min
Delta R.T.: -0.019 min
Response: 6525466
Conc: 44.90 ug/ml



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

R.T.: 18.038 min
Delta R.T.: 0.004 min
Response: 6269842
Conc: 42.54 ug/ml

Instrument :

FID_D

ClientSampleId :

WC-CTW2-BL-EPH-01MS