

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD111524AR\
 Data File : FD048739.D
 Signal(s) : FID2B.ch
 Acq On : 15 Nov 2024 10:16
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Nov 16 09:48:13 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 111424.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 14 14:16:25 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...	7.365	3601336	20.455 ug/ml
Spiked Amount 50.000		Recovery =	40.91%
6) S 2-Fluorobiphenyl (SURR)	8.215	2386575	20.722 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.44%
11) S ortho-Terphenyl (SURR)	11.250	3999876	20.796 ug/ml
Spiked Amount 50.000		Recovery =	41.59%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.188	3941454	20.914 ug/ml
2) T Naphthalene (C11.7)	5.705	4038810	20.651 ug/ml
3) T 2-Methylnaphthalene (...)	6.752	3961897	20.731 ug/ml
5) T Acenaphthylene (C15.06)	8.017	4082261	21.051 ug/ml
7) T Acenaphthene (C15.5)	8.311	3985265	20.719 ug/ml
8) T Flouorene (C16.55)	9.090	3981632	20.754 ug/ml
9) T Phenanthrene (C19.36)	10.477	3846061	20.982 ug/ml
10) T Anthracene (C19.43)	10.553	3867529	20.652 ug/ml
12) T Fluoranthene (C21.85)	12.282	3820530	20.863 ug/ml
13) T Pyrene (C20.8)	12.574	3770238	20.854 ug/ml
14) T Benzo[a]anthracene (C...	14.445	3481104	21.161 ug/ml
15) T Chrysene (C27.41)	14.486	3639758	20.797 ug/ml
16) T benzo[b]fluoranthene ...	15.991	3317929	21.117 ug/ml
17) T Bnezo[k]fluoranthene ...	16.023	3418454	20.947 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.367	3100597	20.796 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.731	2534171	20.515 ug/ml
20) T Dibenz[a,h]anthracene...	17.771	3236884	20.642 ug/ml
21) T Benzo[g,h,i]perylene ...	17.981	2879805	20.183 ug/ml

(f)=RT Delta > 1/2 Window

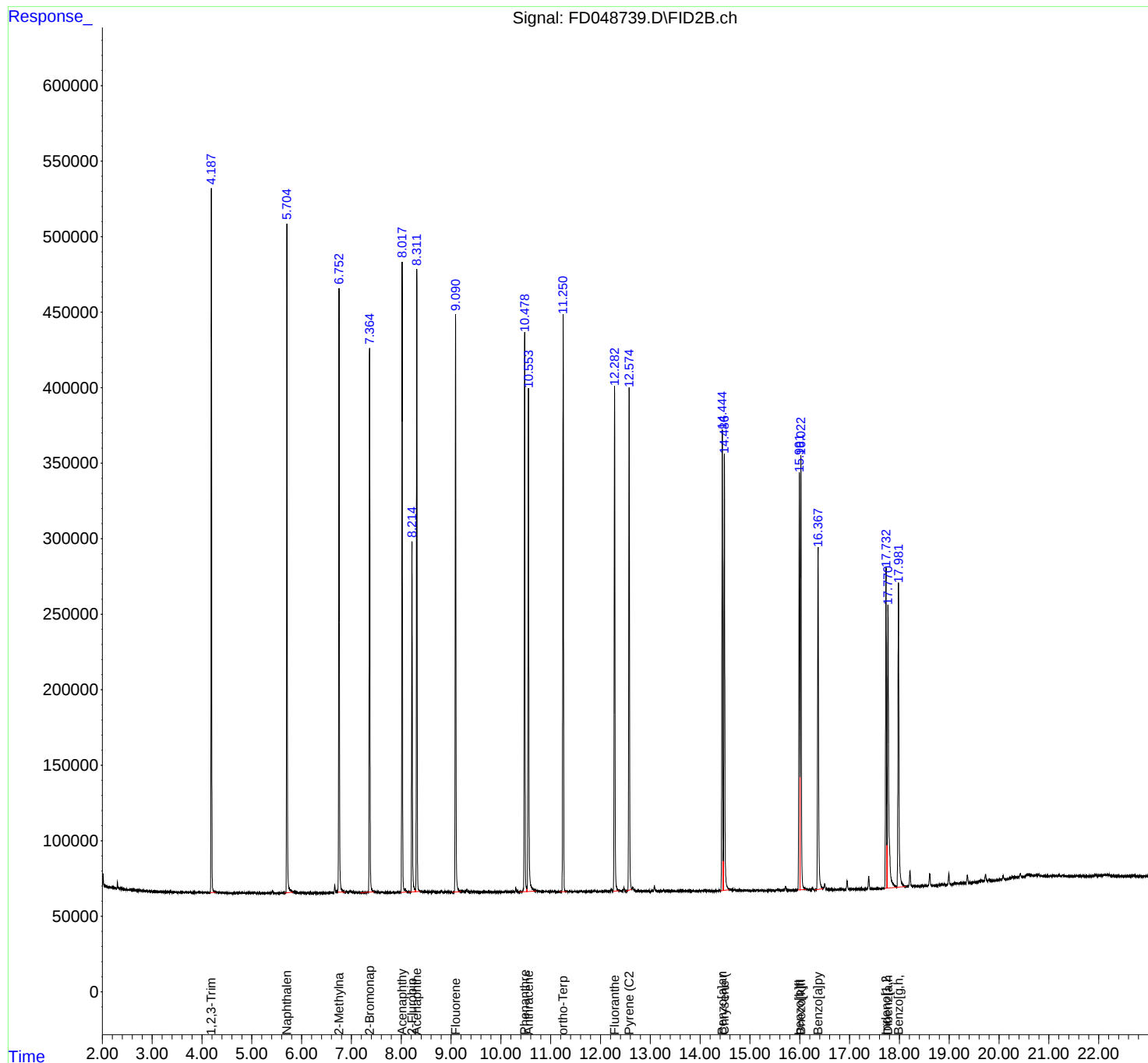
(m)=manual int.

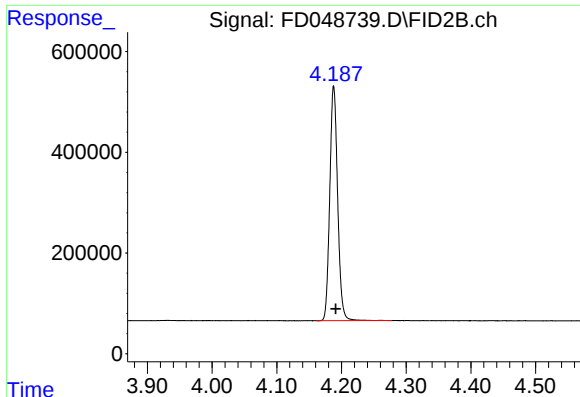
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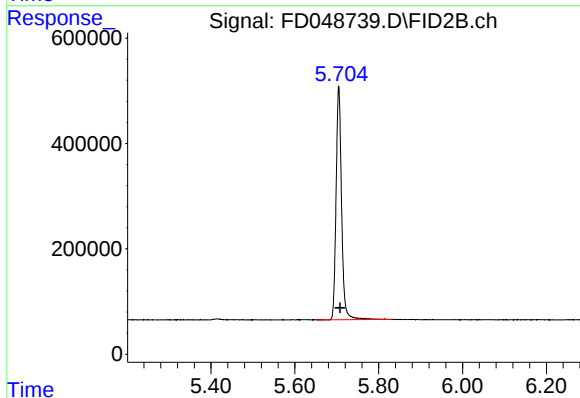




#1 1,2,3-Trimethylbenzene (C10.1)

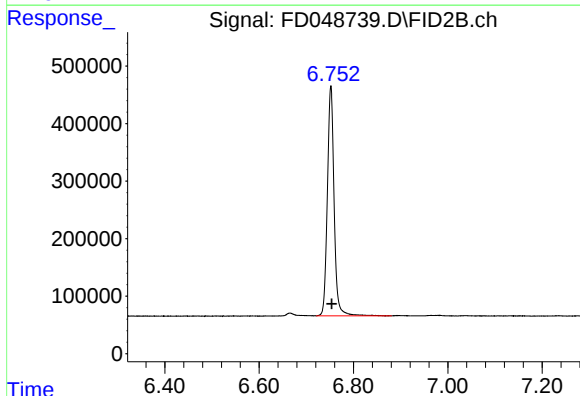
R.T.: 4.188 min
Delta R.T.: -0.003 min
Response: 3941454
Conc: 20.91 ug/ml

Instrument :
FID_D
ClientSampleId :



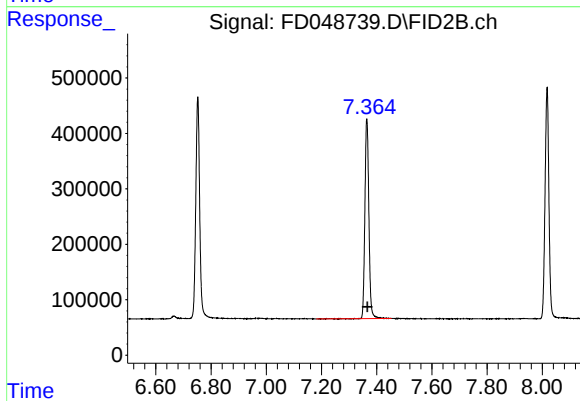
#2 Naphthalene (C11.7)

R.T.: 5.705 min
Delta R.T.: -0.003 min
Response: 4038810
Conc: 20.65 ug/ml



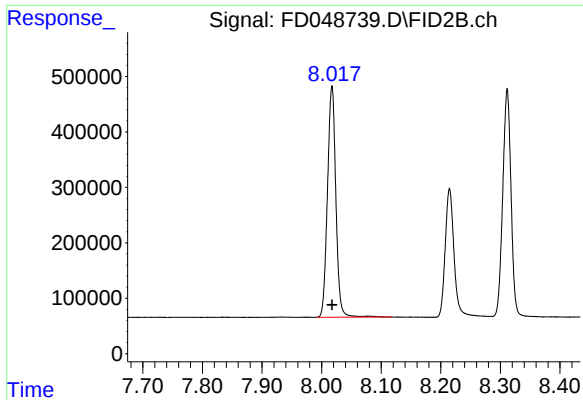
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.752 min
Delta R.T.: -0.002 min
Response: 3961897
Conc: 20.73 ug/ml



#4 2-Bromonaphthalene (SURR)

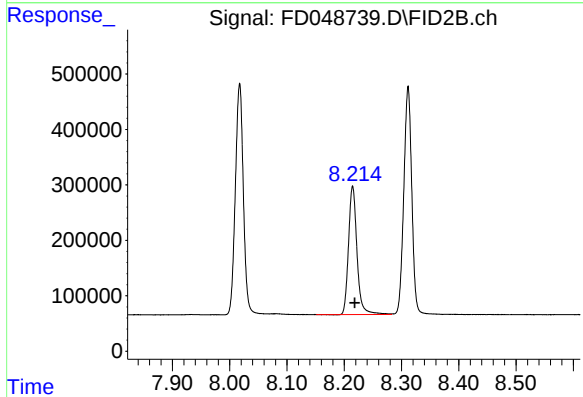
R.T.: 7.365 min
Delta R.T.: -0.002 min
Response: 3601336
Conc: 20.46 ug/ml



#5 Acenaphthylene (C15.06)

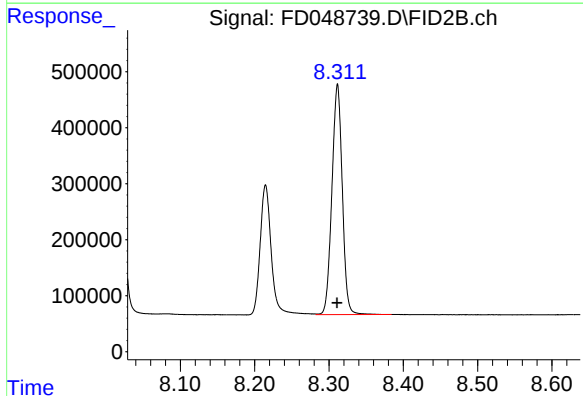
R.T.: 8.017 min
Delta R.T.: 0.000 min
Response: 4082261
Conc: 21.05 ug/ml

Instrument :
FID_D
ClientSampleId :



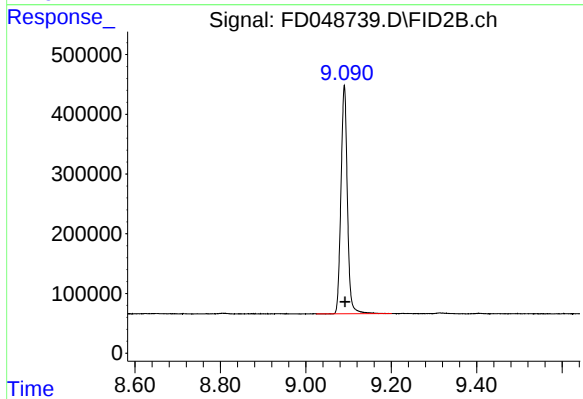
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.215 min
Delta R.T.: -0.004 min
Response: 2386575
Conc: 20.72 ug/ml



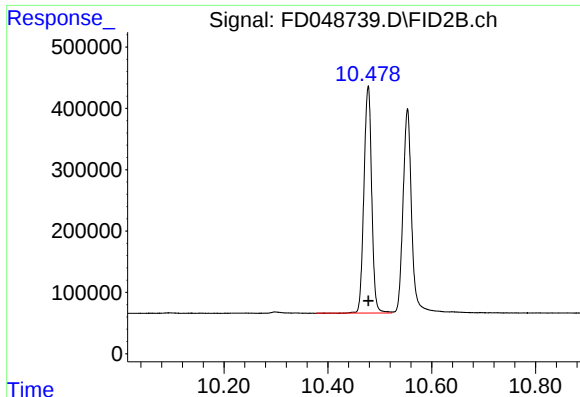
#7 Acenaphthene (C15.5)

R.T.: 8.311 min
Delta R.T.: 0.000 min
Response: 3985265
Conc: 20.72 ug/ml



#8 Fluorene (C16.55)

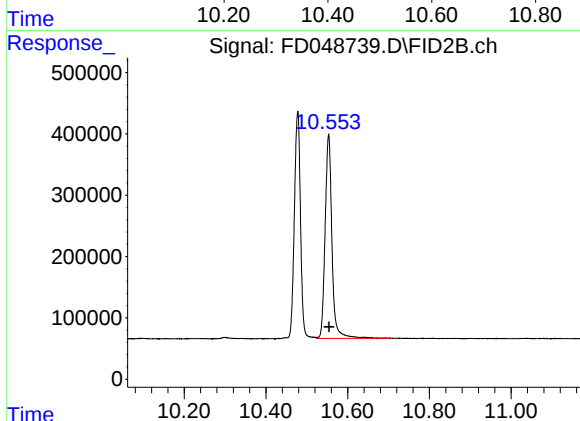
R.T.: 9.090 min
Delta R.T.: -0.001 min
Response: 3981632
Conc: 20.75 ug/ml



#9 Phenanthrene (C19.36)

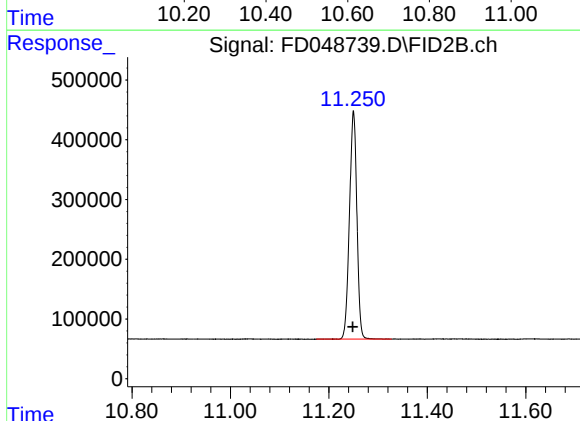
R.T.: 10.477 min
Delta R.T.: 0.000 min
Response: 3846061
Conc: 20.98 ug/ml

Instrument :
FID_D
ClientSampleId :



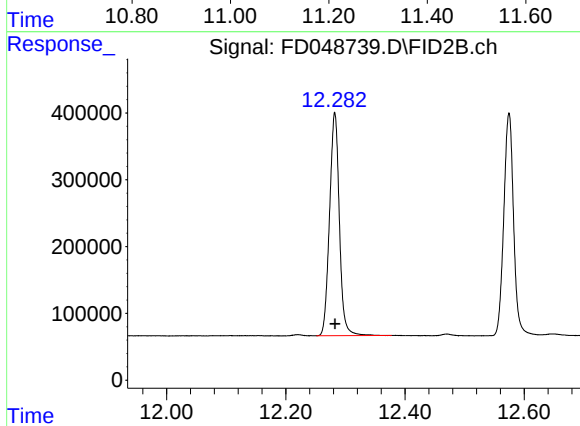
#10 Anthracene (C19.43)

R.T.: 10.553 min
Delta R.T.: -0.001 min
Response: 3867529
Conc: 20.65 ug/ml



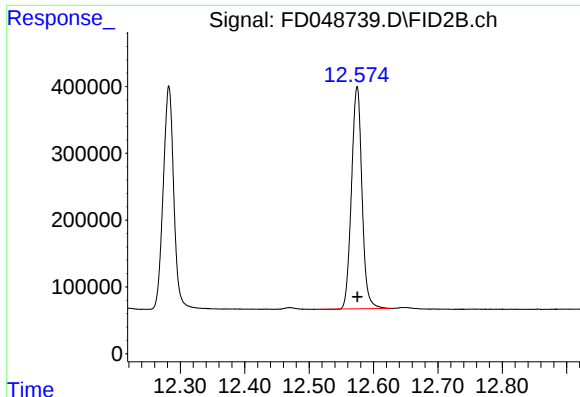
#11 ortho-Terphenyl (SURR)

R.T.: 11.250 min
Delta R.T.: 0.002 min
Response: 3999876
Conc: 20.80 ug/ml



#12 Fluoranthene (C21.85)

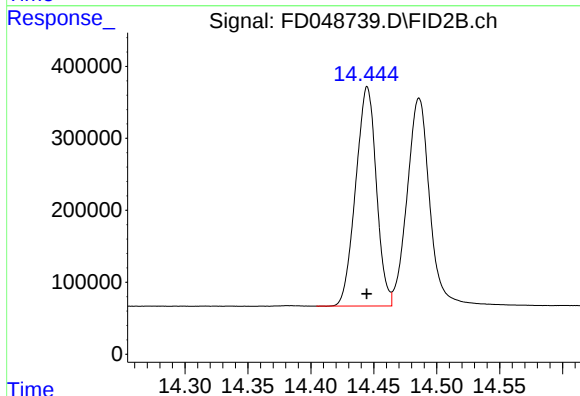
R.T.: 12.282 min
Delta R.T.: 0.000 min
Response: 3820530
Conc: 20.86 ug/ml



#13 Pyrene (C20.8)

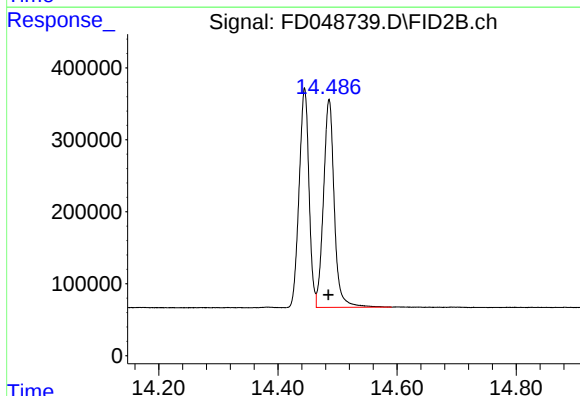
R.T.: 12.574 min
Delta R.T.: 0.000 min
Response: 3770238
Conc: 20.85 ug/ml

Instrument :
FID_D
ClientSampleId :



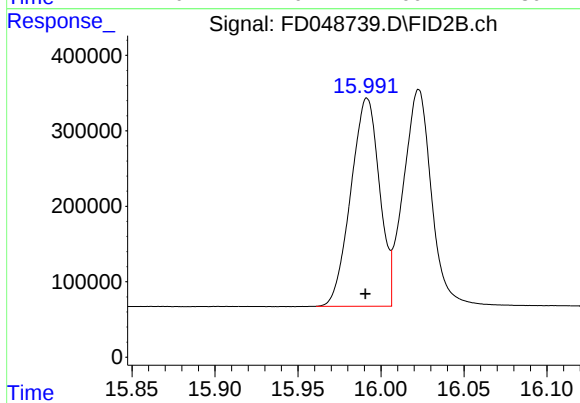
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.445 min
Delta R.T.: 0.000 min
Response: 3481104
Conc: 21.16 ug/ml



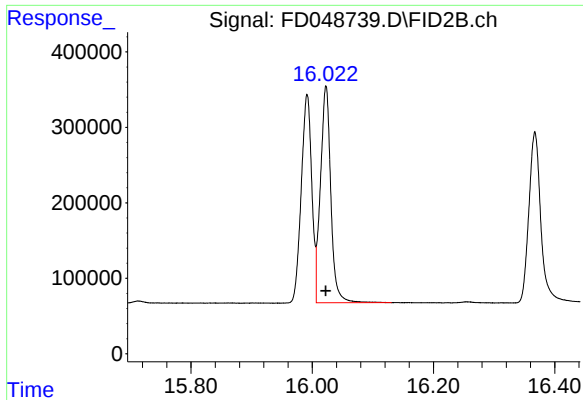
#15 Chrysene (C27.41)

R.T.: 14.486 min
Delta R.T.: 0.001 min
Response: 3639758
Conc: 20.80 ug/ml



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

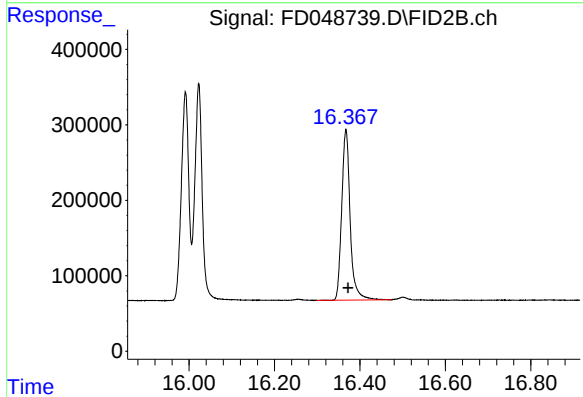
R.T.: 15.991 min
Delta R.T.: 0.000 min
Response: 3317929
Conc: 21.12 ug/ml



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

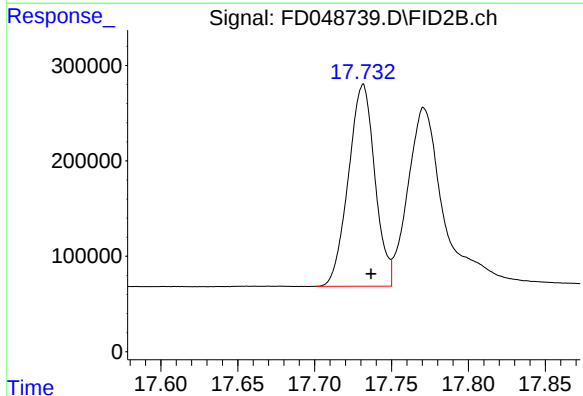
R.T.: 16.023 min
Delta R.T.: 0.000 min
Response: 3418454
Conc: 20.95 ug/ml

Instrument :
FID_D
ClientSampleId :



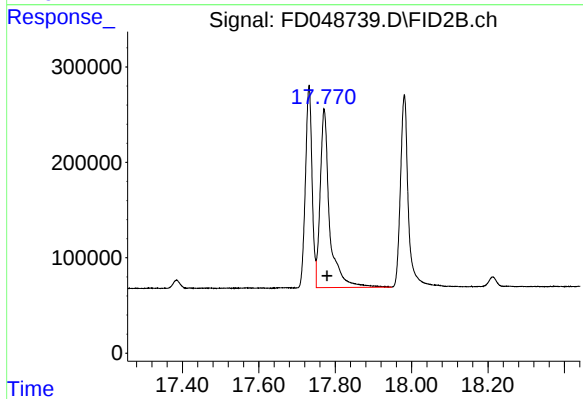
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.367 min
Delta R.T.: -0.005 min
Response: 3100597
Conc: 20.80 ug/ml



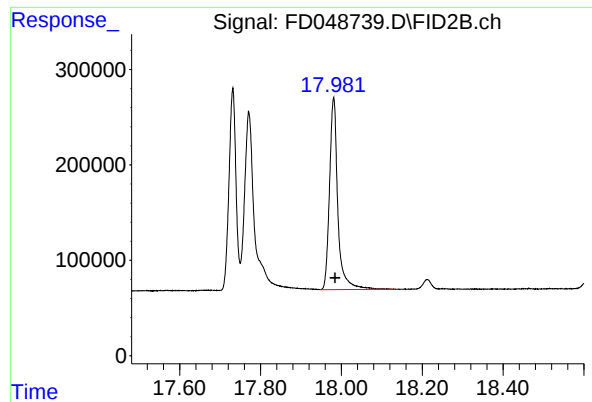
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.731 min
Delta R.T.: -0.005 min
Response: 2534171
Conc: 20.51 ug/ml



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

R.T.: 17.771 min
Delta R.T.: -0.007 min
Response: 3236884
Conc: 20.64 ug/ml



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

R.T.: 17.981 min
Delta R.T.: -0.004 min
Response: 2879805
Conc: 20.18 ug/ml

Instrument :

FID_D

ClientSampleId :