

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111624AR\
 Data File : FF015053.D
 Signal(s) : FID2B.ch
 Acq On : 15 Nov 2024 10:24
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Nov 15 13:48:57 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 111524.M
 Quant Title : GC Extractables
 QLast Update : Fri Nov 15 02:02:38 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...	7.989	2380397	19.493 ug/ml
Spiked Amount 50.000		Recovery =	38.99%
6) S 2-Fluorobiphenyl (SURR)	8.863	1581197	19.368 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.74%
11) S ortho-Terphenyl (SURR)	11.924	2624767	19.567 ug/ml
Spiked Amount 50.000		Recovery =	39.13%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.607	2639487	19.483 ug/ml
2) T Naphthalene (C11.7)	6.271	2697259	19.532 ug/ml
3) T 2-Methylnaphthalene (...)	7.364	2618204	19.413 ug/ml
5) T Acenaphthylene (C15.06)	8.663	2660401	19.482 ug/ml
7) T Acenaphthene (C15.5)	8.962	2605079	19.492 ug/ml
8) T Fluorene (C16.55)	9.750	2564966	19.215 ug/ml
9) T Phenanthrene (C19.36)	11.156	2463773	19.186 ug/ml
10) T Anthracene (C19.43)	11.230	2369681	18.785 ug/ml
12) T Fluoranthene (C21.85)	12.976	2414567	19.309 ug/ml
13) T Pyrene (C20.8)	13.274	2402190	19.446 ug/ml
14) T Benzo[a]anthracene (C...	15.152	2193584	18.503 ug/ml
15) T Chrysene (C27.41)	15.195	2268734	18.999 ug/ml
16) T benzo[b]fluoranthene ...	16.710	2511064	20.788 ug/ml
17) T Bnezo[k]fluoranthene ...	16.741	2445909	20.317 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.090	2198664	18.867 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.460	2108141	17.784 ug/ml
20) T Dibenz[a,h]anthracene...	18.499	2286708	17.888 ug/ml
21) T Benzo[g,h,i]perylene ...	18.717	2470379	19.041 ug/ml

(f)=RT Delta > 1/2 Window

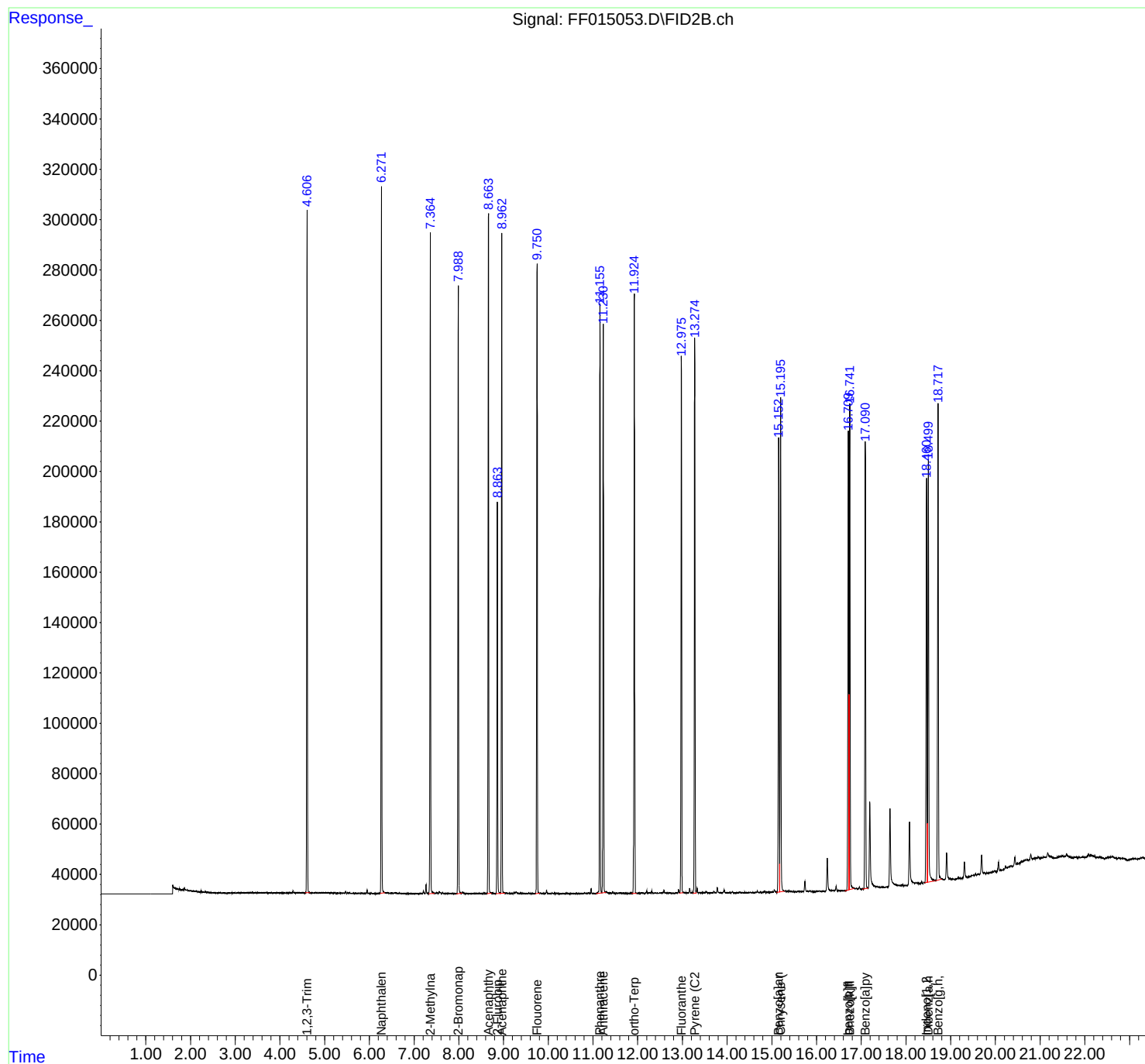
(m)=manual int.

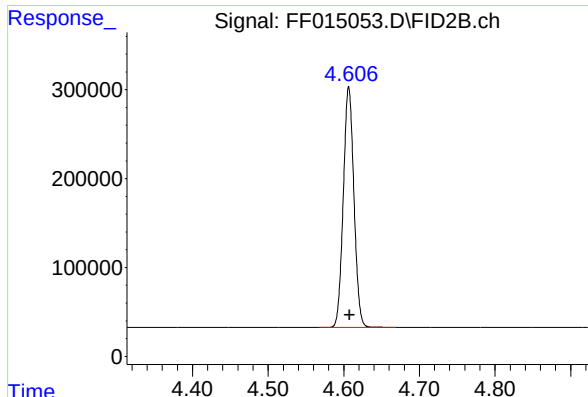
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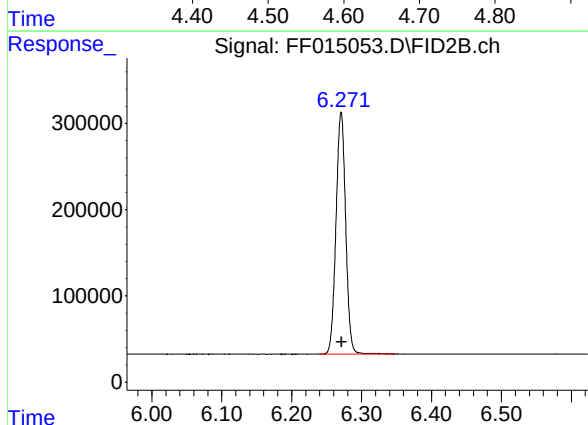




#1 1,2,3-Trimethylbenzene (C10.1)

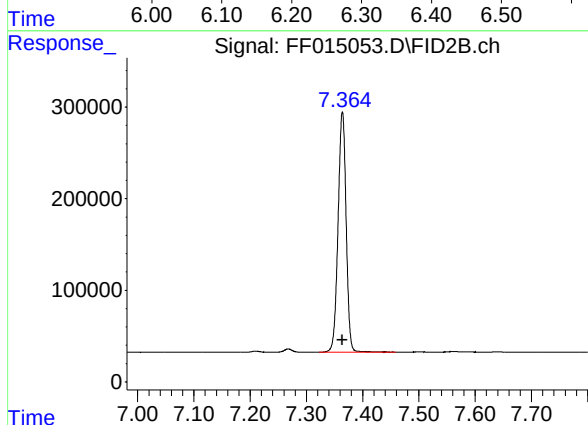
R.T.: 4.607 min
Delta R.T.: -0.001 min
Response: 2639487
Conc: 19.48 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD



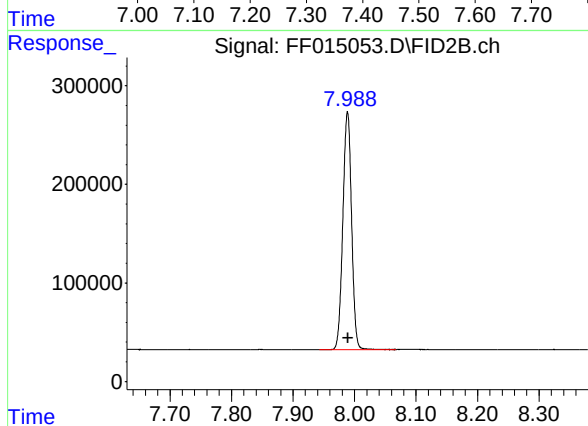
#2 Naphthalene (C11.7)

R.T.: 6.271 min
Delta R.T.: -0.001 min
Response: 2697259
Conc: 19.53 ug/ml



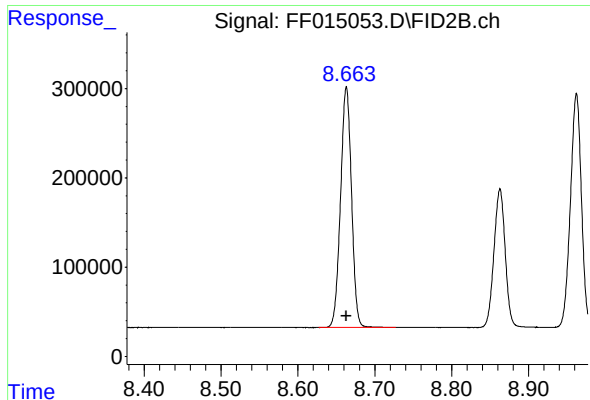
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.364 min
Delta R.T.: 0.000 min
Response: 2618204
Conc: 19.41 ug/ml



#4 2-Bromonaphthalene (SURR)

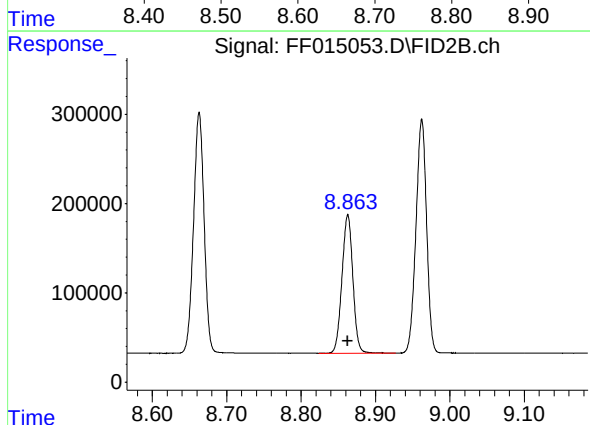
R.T.: 7.989 min
Delta R.T.: 0.000 min
Response: 2380397
Conc: 19.49 ug/ml



#5 Acenaphthylene (C15.06)

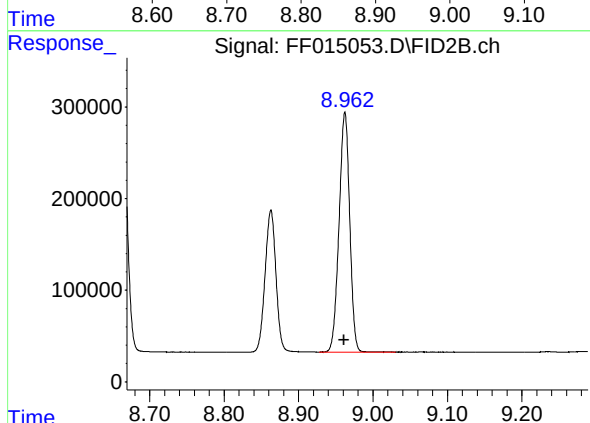
R.T.: 8.663 min
Delta R.T.: 0.000 min
Response: 2660401
Conc: 19.48 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD



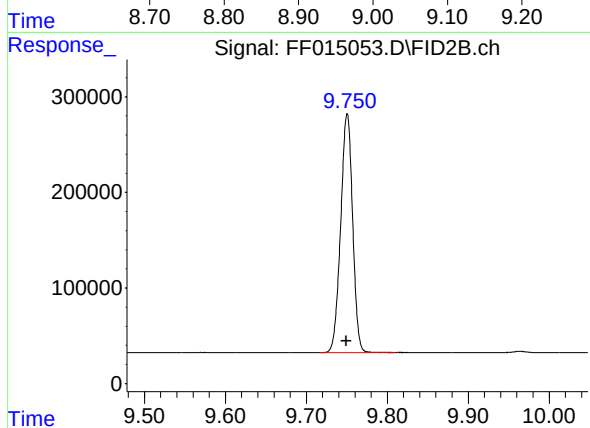
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.863 min
Delta R.T.: 0.000 min
Response: 1581197
Conc: 19.37 ug/ml



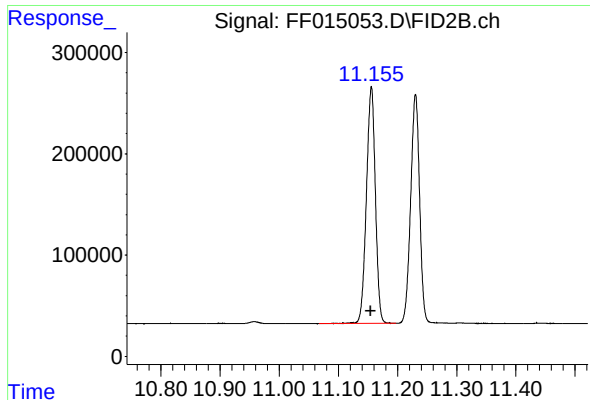
#7 Acenaphthene (C15.5)

R.T.: 8.962 min
Delta R.T.: 0.000 min
Response: 2605079
Conc: 19.49 ug/ml



#8 Flouorene (C16.55)

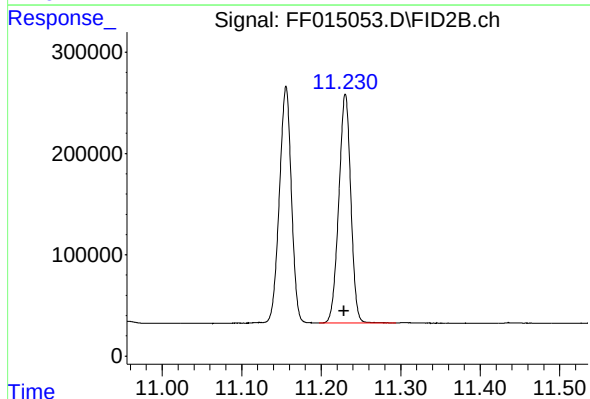
R.T.: 9.750 min
Delta R.T.: 0.000 min
Response: 2564966
Conc: 19.22 ug/ml



#9 Phenanthrene (C19.36)

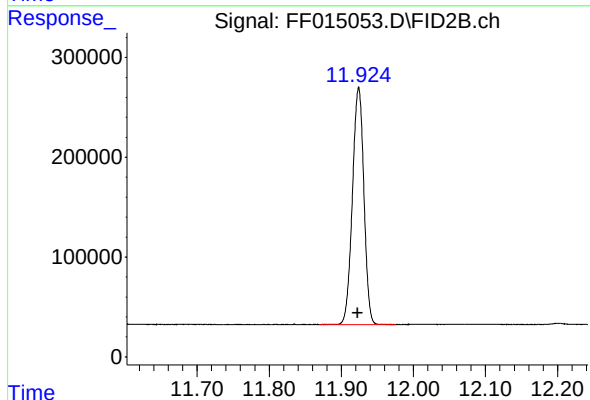
R.T.: 11.156 min
Delta R.T.: 0.000 min
Response: 2463773
Conc: 19.19 ug/ml

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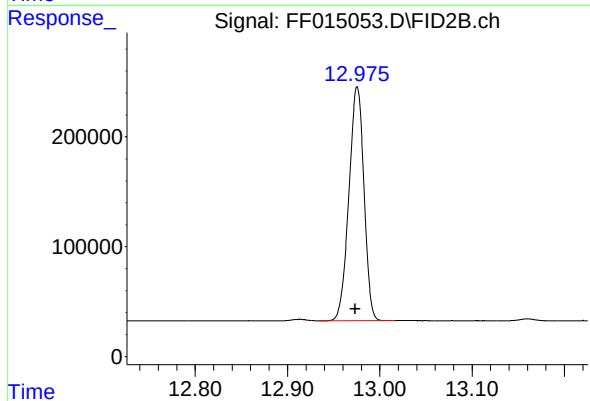
#10 Anthracene (C19.43)

R.T.: 11.230 min
Delta R.T.: 0.001 min
Response: 2369681
Conc: 18.79 ug/ml



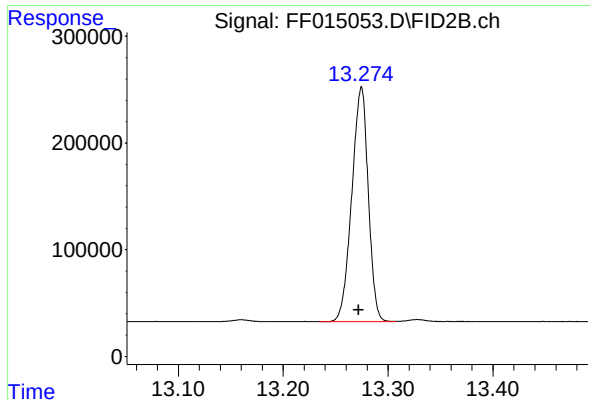
#11 ortho-Terphenyl (SURRE)

R.T.: 11.924 min
Delta R.T.: 0.001 min
Response: 2624767
Conc: 19.57 ug/ml



#12 Fluoranthene (C21.85)

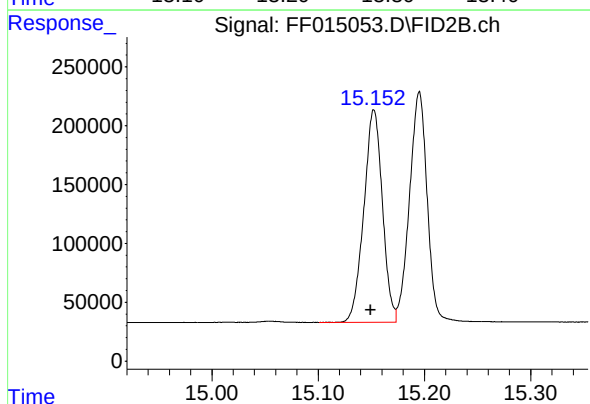
R.T.: 12.976 min
Delta R.T.: 0.002 min
Response: 2414567
Conc: 19.31 ug/ml



#13 Pyrene (C20.8)

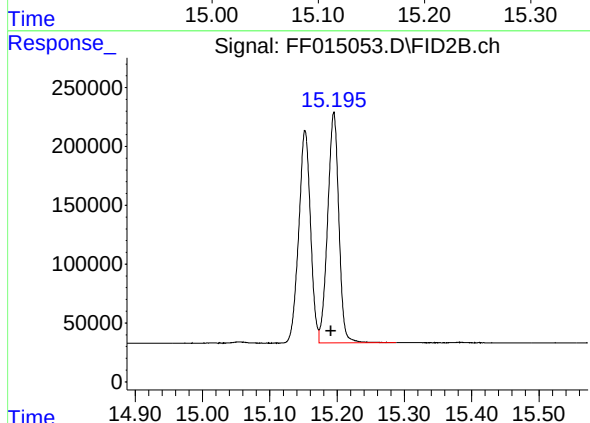
R.T.: 13.274 min
Delta R.T.: 0.002 min
Response: 2402190
Conc: 19.45 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



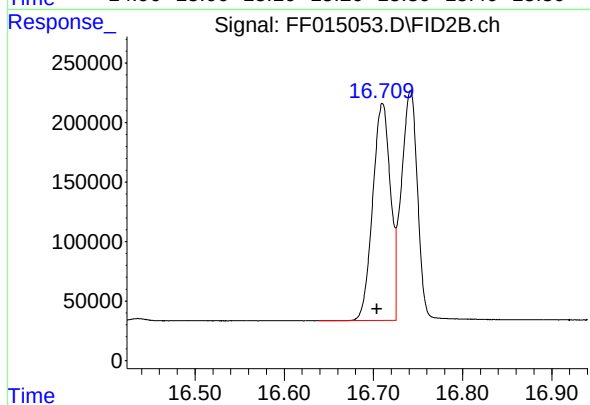
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.152 min
Delta R.T.: 0.003 min
Response: 2193584
Conc: 18.50 ug/ml



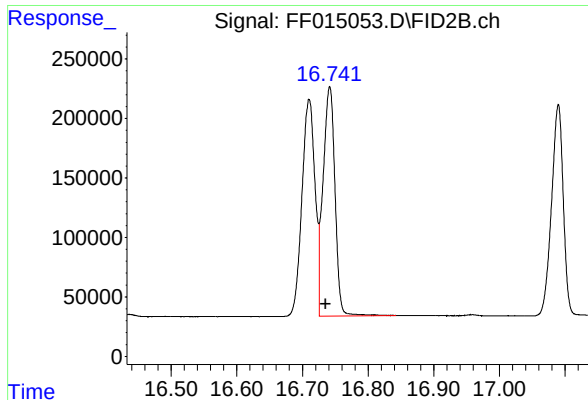
#15 Chrysene (C27.41)

R.T.: 15.195 min
Delta R.T.: 0.004 min
Response: 2268734
Conc: 19.00 ug/ml



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

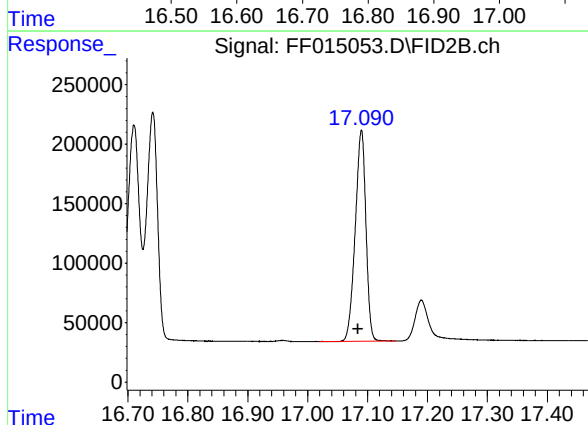
R.T.: 16.710 min
Delta R.T.: 0.006 min
Response: 2511064
Conc: 20.79 ug/ml



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

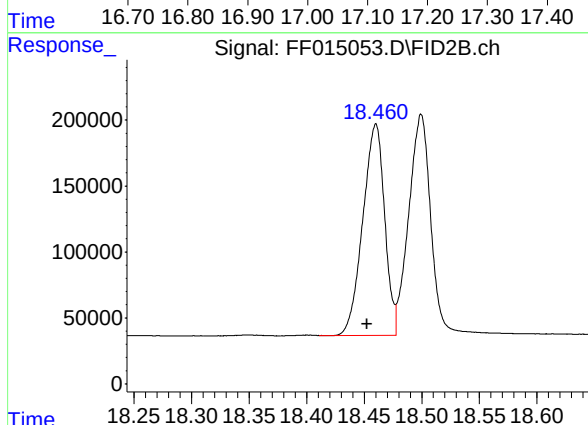
R.T.: 16.741 min
Delta R.T.: 0.006 min
Response: 2445909
Conc: 20.32 ug/ml

Instrument :
FID_F
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20 PPM AROMATIC HC STD



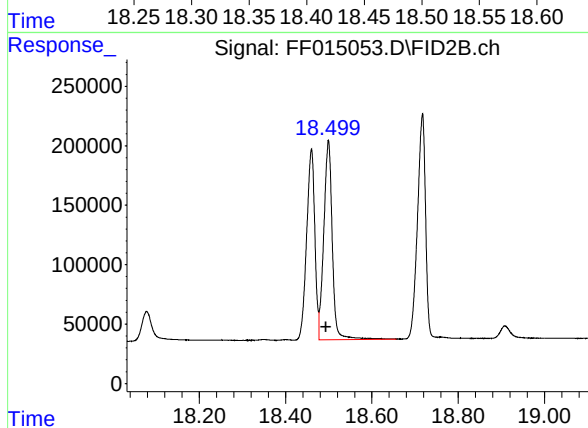
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.090 min
Delta R.T.: 0.005 min
Response: 2198664
Conc: 18.87 ug/ml



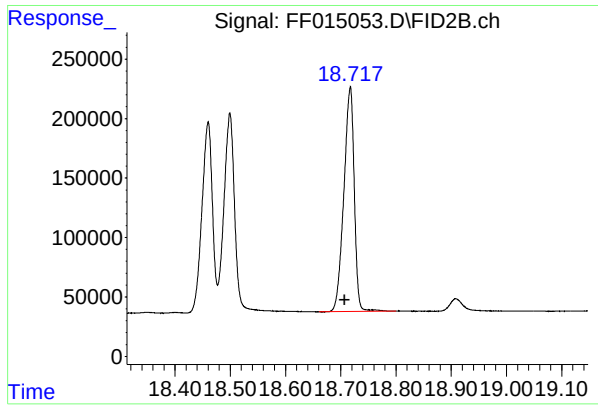
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.460 min
Delta R.T.: 0.007 min
Response: 2108141
Conc: 17.78 ug/ml



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

R.T.: 18.499 min
Delta R.T.: 0.005 min
Response: 2286708
Conc: 17.89 ug/ml



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

R.T.: 18.717 min
Delta R.T.: 0.009 min
Response: 2470379
Conc: 19.04 ug/ml

Instrument :

FID_F

ClientSampleId :

20 PPM AROMATIC HC STD