

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF012925AR\
 Data File : FF015352.D
 Signal(s) : FID2B.ch
 Acq On : 29 Jan 2025 09:16
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jan 30 02:43:42 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 011425.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 15 07:05:42 2025
 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	3062013	23.197 ug/ml
Spiked Amount 50.000		Recovery =	46.39%
6) S 2-Fluorobiphenyl (SURR)	8.862	1981286	23.473 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	46.95%
11) S ortho-Terphenyl (SURR)	11.926	3462978	20.117 ug/ml
Spiked Amount 50.000		Recovery =	40.23%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.600	3507963	21.870 ug/ml
2) T Naphthalene (C11.7)	6.268	3552959	22.160 ug/ml
3) T 2-Methylnaphthalene (...)	7.363	3440509	21.636 ug/ml
5) T Acenaphthylene (C15.06)	8.663	3376474	21.249 ug/ml
7) T Acenaphthene (C15.5)	8.962	3396838	20.832 ug/ml
8) T Flouorene (C16.55)	9.751	3357433	21.323 ug/ml
9) T Phenanthrene (C19.36)	11.157	3165116	19.824 ug/ml
10) T Anthracene (C19.43)	11.231	2699249	18.282 ug/ml
12) T Fluoranthene (C21.85)	12.978	3216046	19.440 ug/ml
13) T Pyrene (C20.8)	13.276	3178271	19.622 ug/ml
14) T Benzo[a]anthracene (C...	15.157	2799923	18.769 ug/ml
15) T Chrysene (C27.41)	15.199	2961102	19.063 ug/ml
16) T benzo[b]fluoranthene ...	16.716	2890160	19.530 ug/ml
17) T Bnezo[k]fluoranthene ...	16.749	2921592	20.663 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.097	2750683	19.360 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.469	2645192	20.992 ug/ml
20) T Dibenz[a,h]anthracene...	18.509	3122367	21.104 ug/ml
21) T Benzo[g,h,i]perylene ...	18.726	2977881	22.060 ug/ml

(f)=RT Delta > 1/2 Window

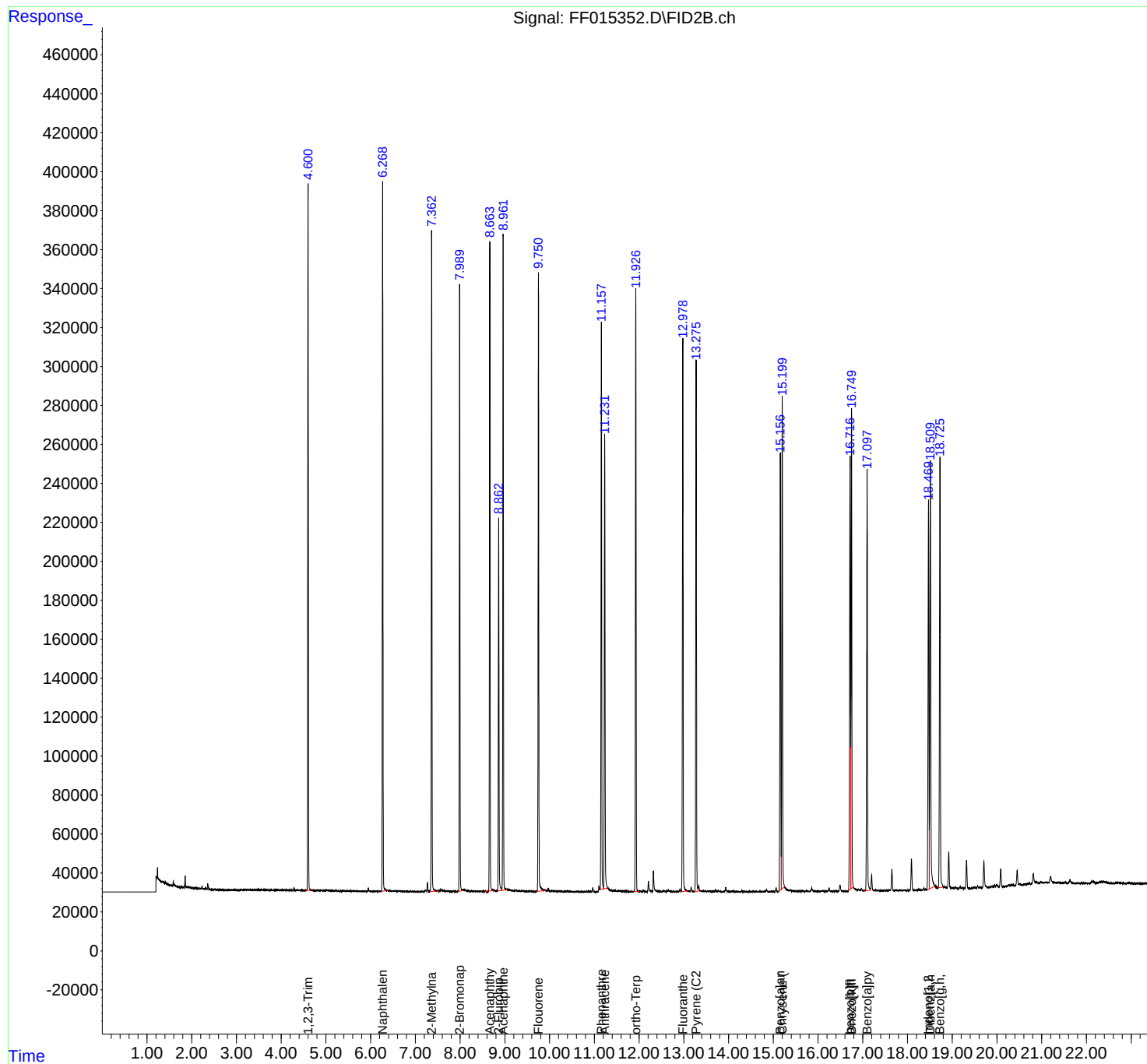
(m)=manual int.

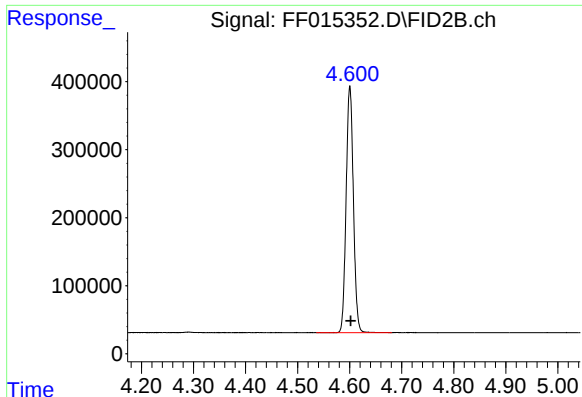
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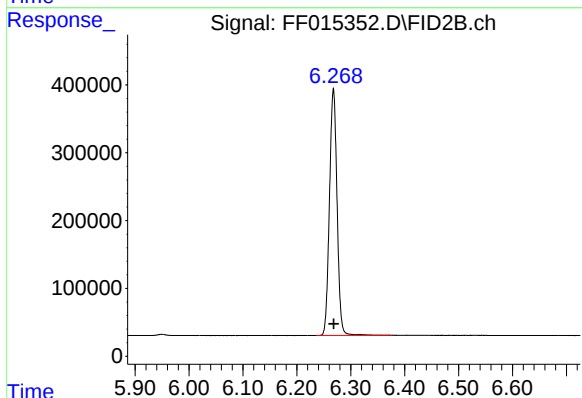




#1 1,2,3-Trimethylbenzene (C10.1)

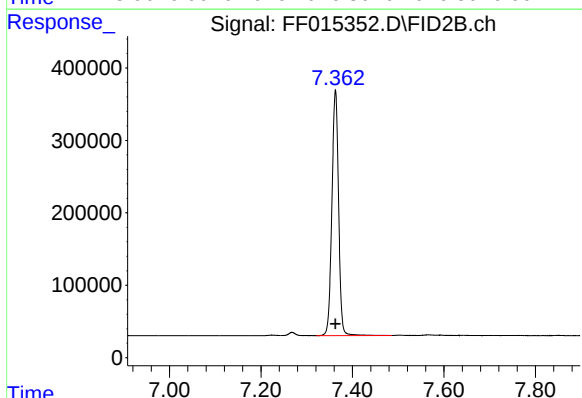
R.T.: 4.600 min
Delta R.T.: -0.002 min
Response: 3507963
Conc: 21.87 ug/ml

Instrument :
FID_F
ClientSampleId :



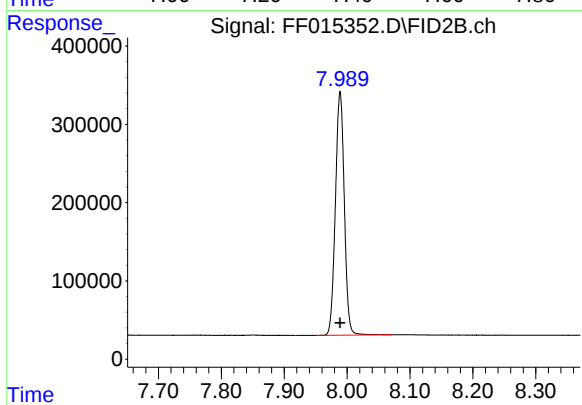
#2 Naphthalene (C11.7)

R.T.: 6.268 min
Delta R.T.: 0.000 min
Response: 3552959
Conc: 22.16 ug/ml



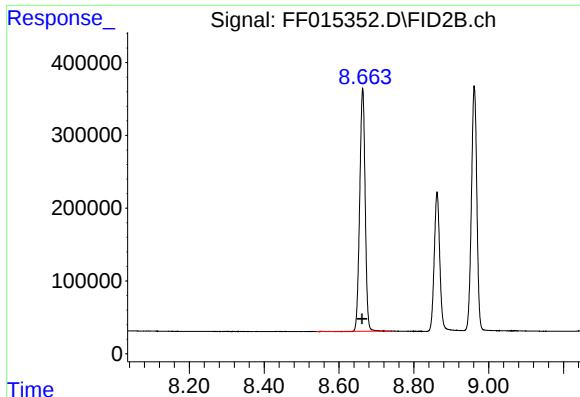
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.363 min
Delta R.T.: 0.000 min
Response: 3440509
Conc: 21.64 ug/ml



#4 2-Bromonaphthalene (SURR)

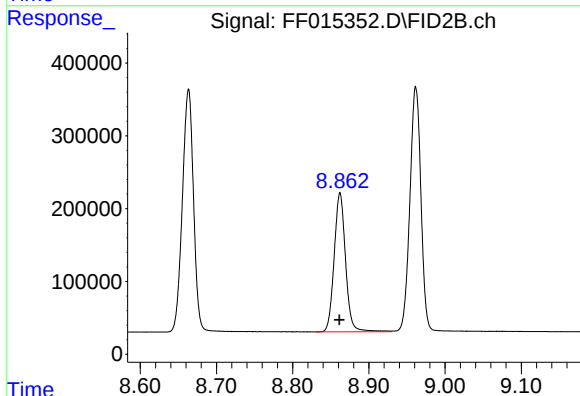
R.T.: 7.989 min
Delta R.T.: 0.000 min
Response: 3062013
Conc: 23.20 ug/ml



#5 Acenaphthylene (C15.06)

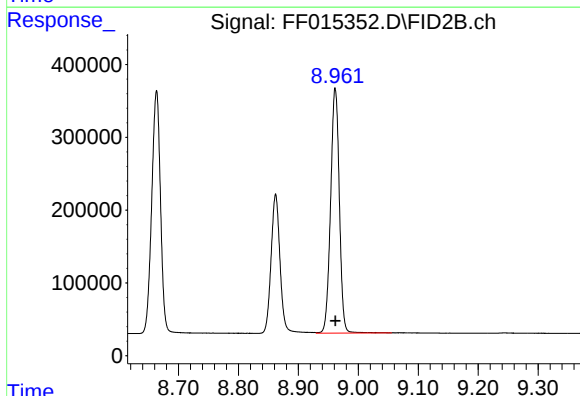
R.T.: 8.663 min
Delta R.T.: 0.000 min
Response: 3376474
Conc: 21.25 ug/ml

Instrument :
FID_F
ClientSampleId :



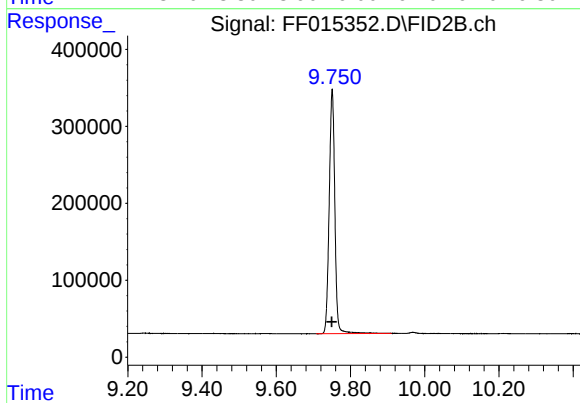
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.862 min
Delta R.T.: 0.000 min
Response: 1981286
Conc: 23.47 ug/ml



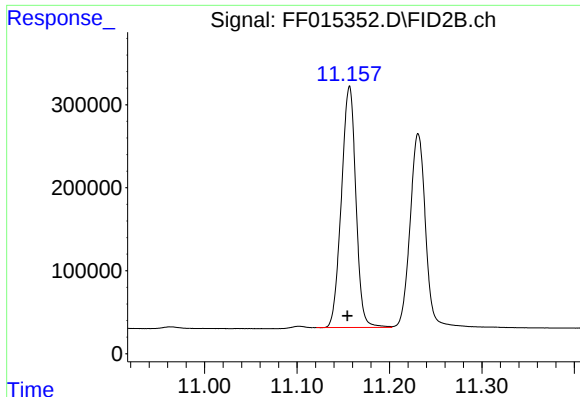
#7 Acenaphthene (C15.5)

R.T.: 8.962 min
Delta R.T.: 0.000 min
Response: 3396838
Conc: 20.83 ug/ml



#8 Flouorene (C16.55)

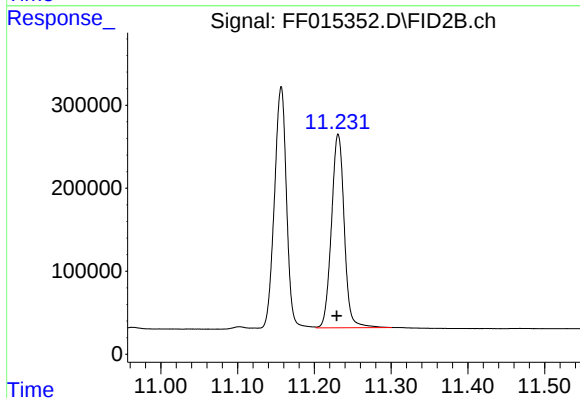
R.T.: 9.751 min
Delta R.T.: 0.001 min
Response: 3357433
Conc: 21.32 ug/ml



#9 Phenanthrene (C19.36)

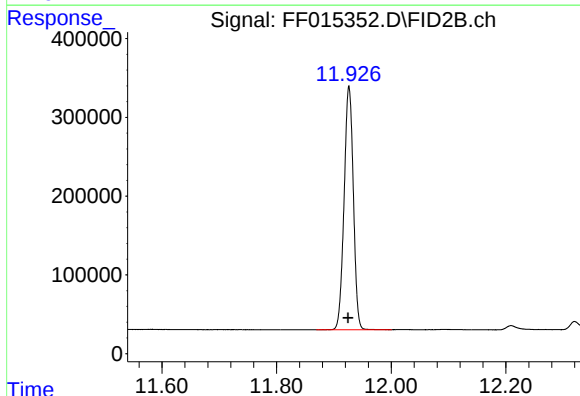
R.T.: 11.157 min
Delta R.T.: 0.002 min
Response: 3165116
Conc: 19.82 ug/ml

Instrument :
FID_F
ClientSampleId :



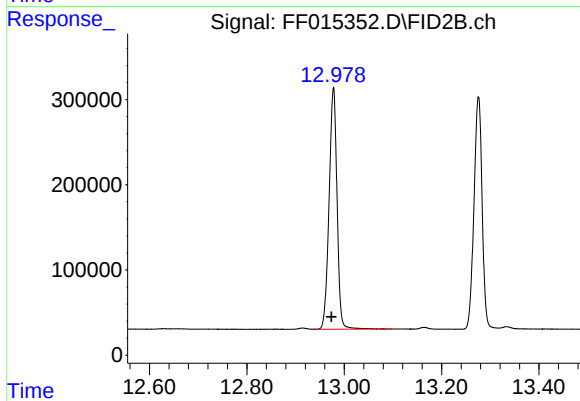
#10 Anthracene (C19.43)

R.T.: 11.231 min
Delta R.T.: 0.002 min
Response: 2699249
Conc: 18.28 ug/ml



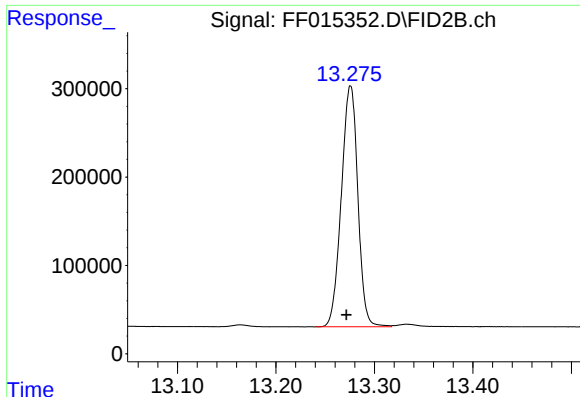
#11 ortho-Terphenyl (SURR)

R.T.: 11.926 min
Delta R.T.: 0.002 min
Response: 3462978
Conc: 20.12 ug/ml



#12 Fluoranthene (C21.85)

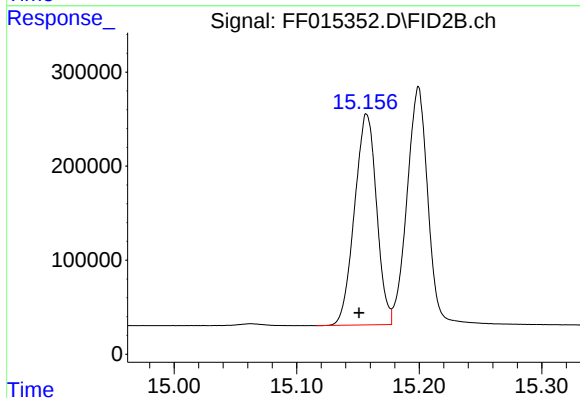
R.T.: 12.978 min
Delta R.T.: 0.004 min
Response: 3216046
Conc: 19.44 ug/ml



#13 Pyrene (C20.8)

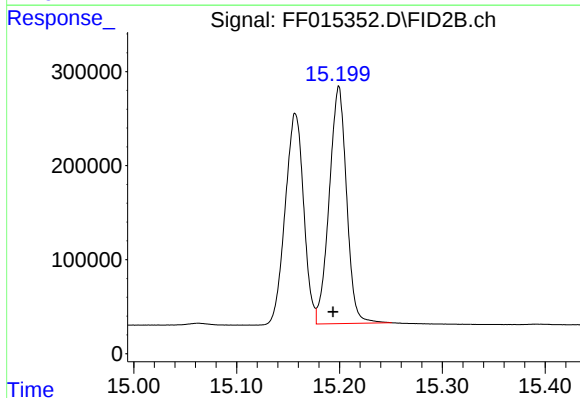
R.T.: 13.276 min
Delta R.T.: 0.004 min
Response: 3178271
Conc: 19.62 ug/ml

Instrument :
FID_F
ClientSampleId :



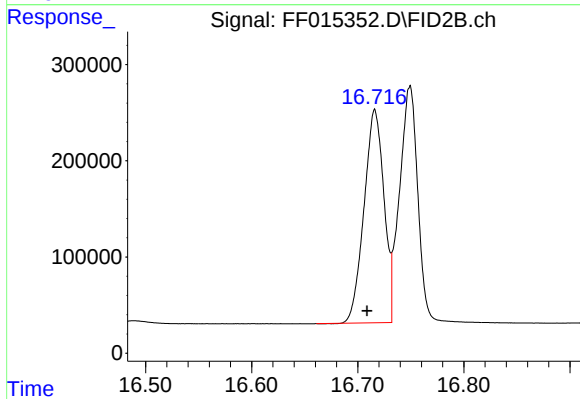
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.157 min
Delta R.T.: 0.006 min
Response: 2799923
Conc: 18.77 ug/ml



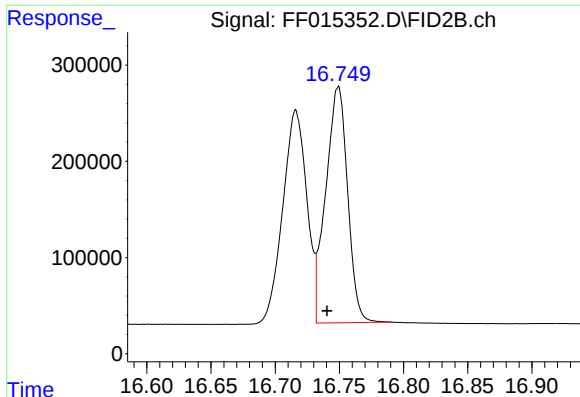
#15 Chrysene (C27.41)

R.T.: 15.199 min
Delta R.T.: 0.006 min
Response: 2961102
Conc: 19.06 ug/ml



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

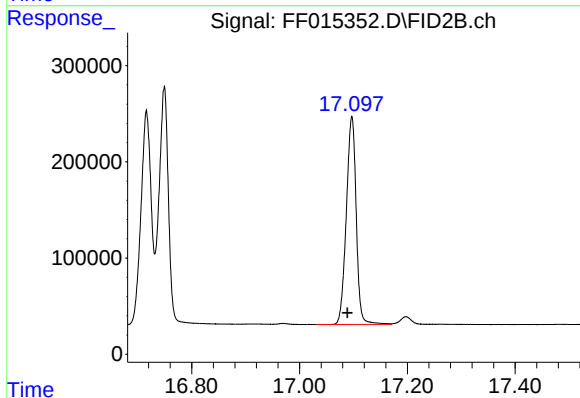
R.T.: 16.716 min
Delta R.T.: 0.007 min
Response: 2890160
Conc: 19.53 ug/ml



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

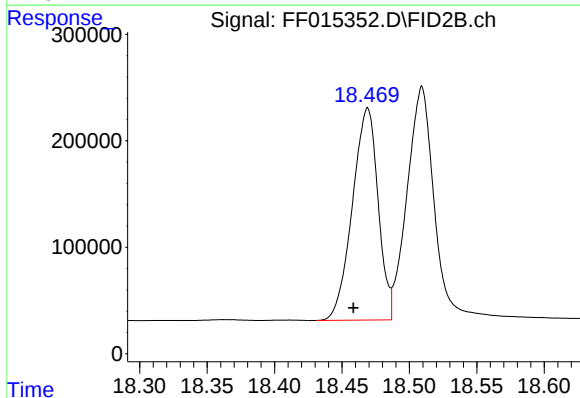
R.T.: 16.749 min
Delta R.T.: 0.009 min
Response: 2921592
Conc: 20.66 ug/ml

Instrument :
FID_F
ClientSampleId :



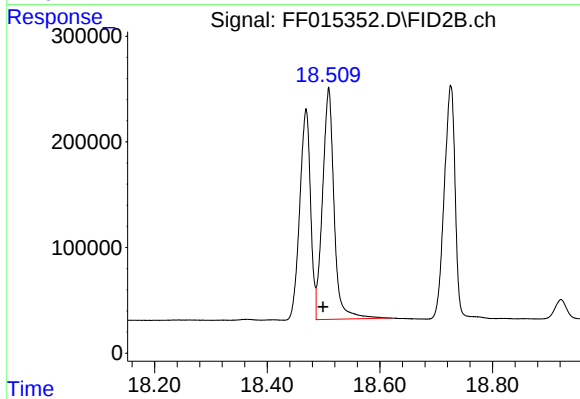
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.097 min
Delta R.T.: 0.008 min
Response: 2750683
Conc: 19.36 ug/ml



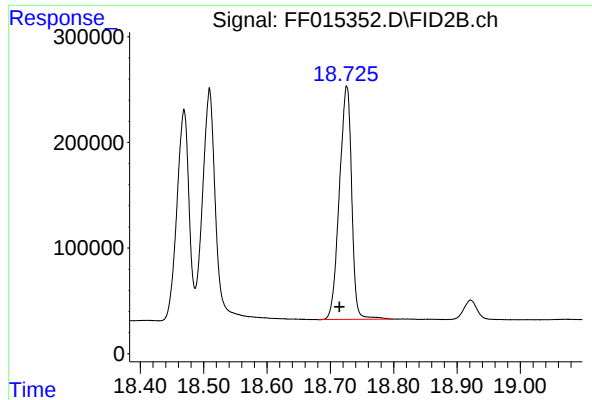
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.469 min
Delta R.T.: 0.010 min
Response: 2645192
Conc: 20.99 ug/ml



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

R.T.: 18.509 min
Delta R.T.: 0.010 min
Response: 3122367
Conc: 21.10 ug/ml



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

R.T.: 18.726 min
Delta R.T.: 0.011 min
Response: 2977881
Conc: 22.06 ug/ml

Instrument :
FID_F
ClientSampleId :