

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF012825AR\
 Data File : FF015340.D
 Signal(s) : FID2B.ch
 Acq On : 28 Jan 2025 22:59
 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 29 00:52:02 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...	7.990	2996506	22.701 ug/ml
Spiked Amount 50.000		Recovery =	45.40%
6) S 2-Fluorobiphenyl (SURR)	8.863	1967629	23.311 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	46.62%
11) S ortho-Terphenyl (SURR)	11.927	3358668	19.511 ug/ml
Spiked Amount 50.000		Recovery =	39.02%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.603	3388166	21.123 ug/ml
2) T Naphthalene (C11.7)	6.269	3438210	21.444 ug/ml
3) T 2-Methylnaphthalene (...)	7.364	3351659	21.077 ug/ml
5) T Acenaphthylene (C15.06)	8.663	3299598	20.765 ug/ml
7) T Acenaphthene (C15.5)	8.962	3277395	20.099 ug/ml
8) T Flouorene (C16.55)	9.751	3303088	20.978 ug/ml
9) T Phenanthrene (C19.36)	11.156	3086310	19.330 ug/ml
10) T Anthracene (C19.43)	11.232	2654425	17.979 ug/ml
12) T Fluoranthene (C21.85)	12.977	3129767	18.918 ug/ml
13) T Pyrene (C20.8)	13.276	3084409	19.042 ug/ml
14) T Benzo[a]anthracene (C...	15.158	2741882	18.380 ug/ml
15) T Chrysene (C27.41)	15.199	2912259	18.749 ug/ml
16) T benzo[b]fluoranthene ...	16.717	2808811	18.980 ug/ml
17) T Bnezo[k]fluoranthene ...	16.748	2846599	20.133 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.096	2683425	18.887 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.469	2557026	20.293 ug/ml
20) T Dibenz[a,h]anthracene...	18.509	3014549	20.375 ug/ml
21) T Benzo[g,h,i]perylene ...	18.725	2874855	21.297 ug/ml

(f)=RT Delta > 1/2 Window

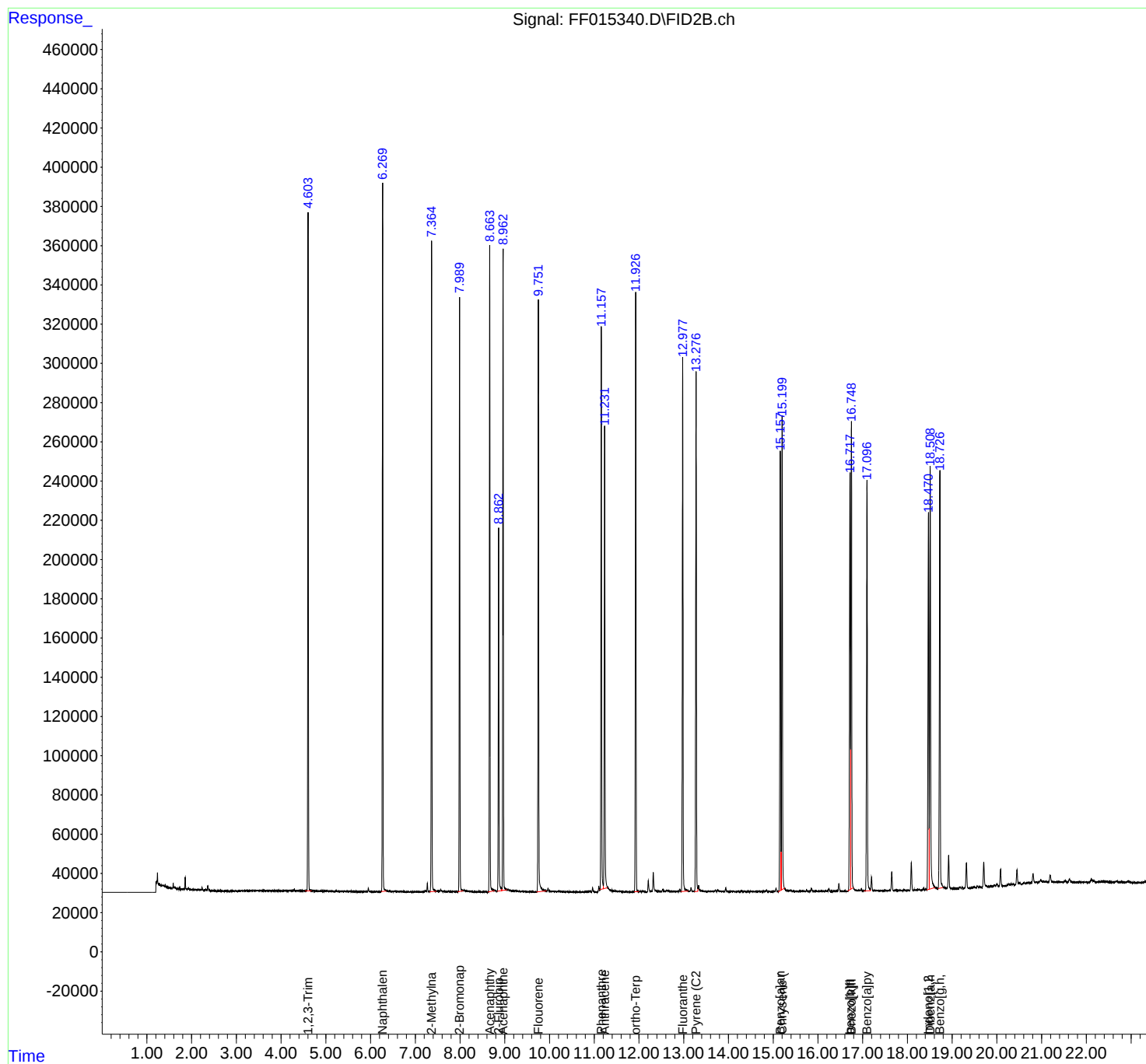
(m)=manual int.

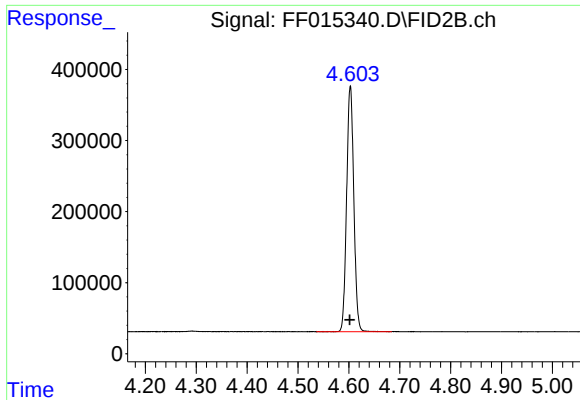
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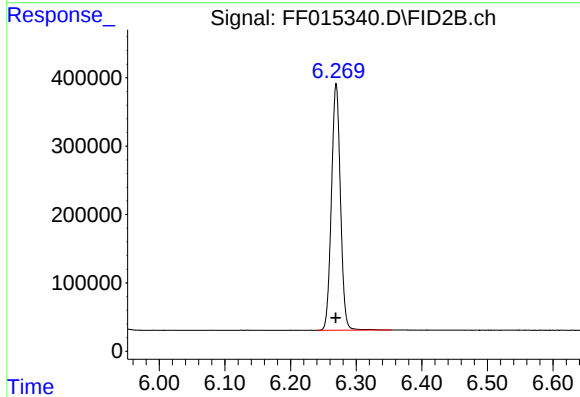




#1 1,2,3-Trimethylbenzene (C10.1)

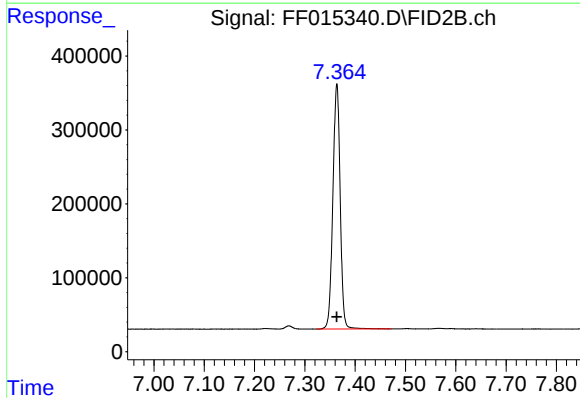
R.T.: 4.603 min
Delta R.T.: 0.000 min
Response: 3388166
Conc: 21.12 ug/ml

Instrument :
FID_F
ClientSampleId :



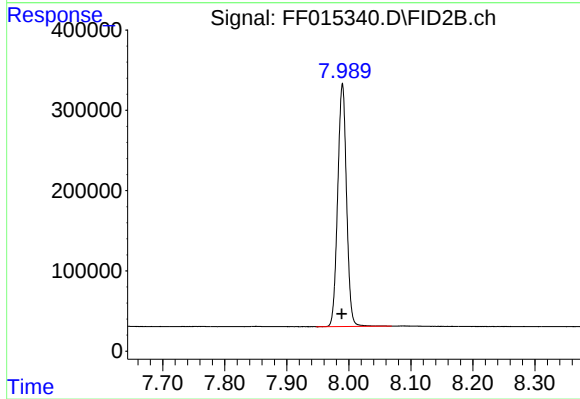
#2 Naphthalene (C11.7)

R.T.: 6.269 min
Delta R.T.: 0.000 min
Response: 3438210
Conc: 21.44 ug/ml



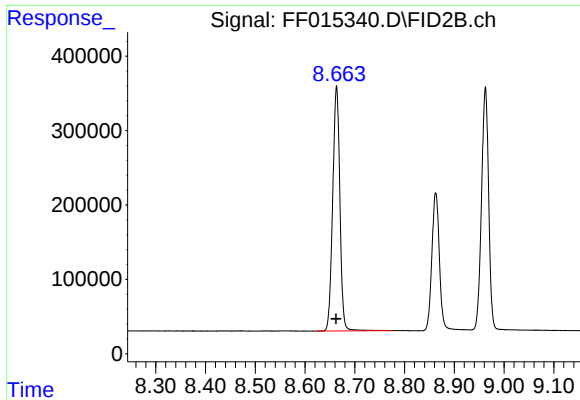
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.364 min
Delta R.T.: 0.000 min
Response: 3351659
Conc: 21.08 ug/ml



#4 2-Bromonaphthalene (SURR)

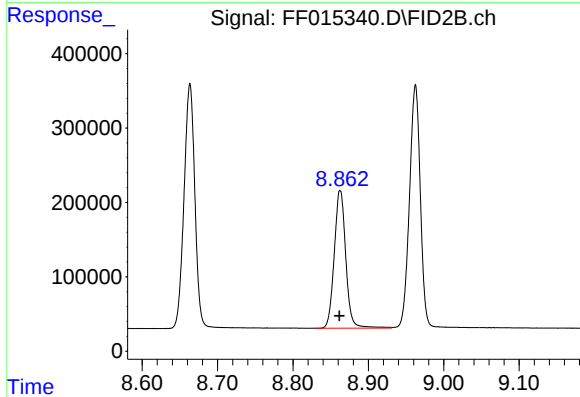
R.T.: 7.990 min
Delta R.T.: 0.000 min
Response: 2996506
Conc: 22.70 ug/ml



#5 Acenaphthylene (C15.06)

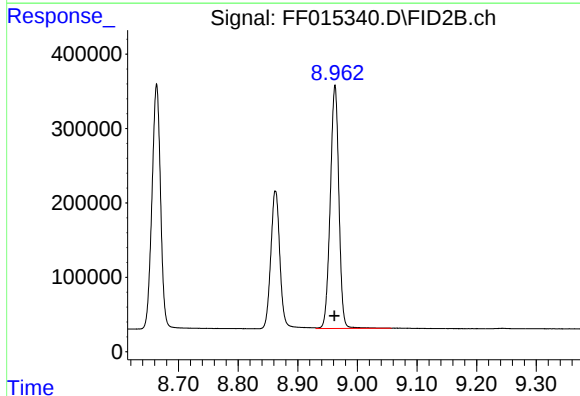
R.T.: 8.663 min
Delta R.T.: 0.001 min
Response: 3299598
Conc: 20.77 ug/ml

Instrument :
FID_F
ClientSampleId :



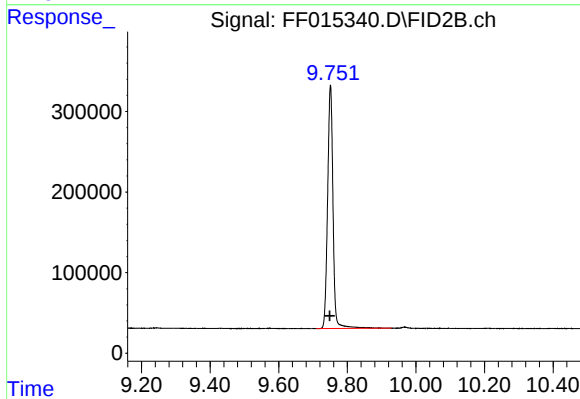
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.863 min
Delta R.T.: 0.001 min
Response: 1967629
Conc: 23.31 ug/ml



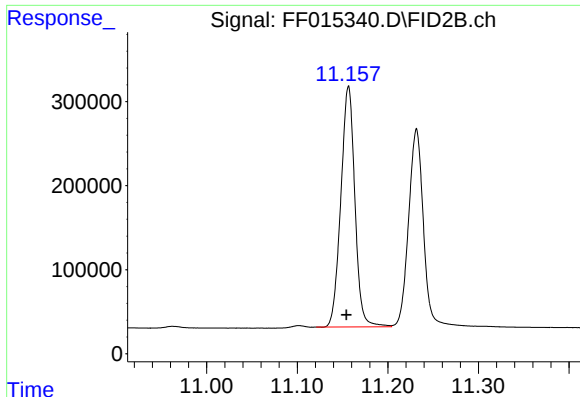
#7 Acenaphthene (C15.5)

R.T.: 8.962 min
Delta R.T.: 0.000 min
Response: 3277395
Conc: 20.10 ug/ml



#8 Flouorene (C16.55)

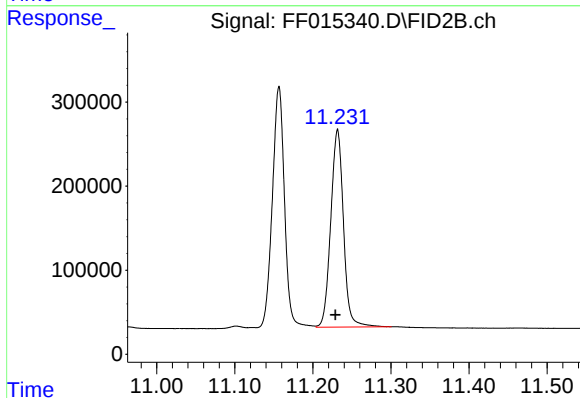
R.T.: 9.751 min
Delta R.T.: 0.002 min
Response: 3303088
Conc: 20.98 ug/ml



#9 Phenanthrene (C19.36)

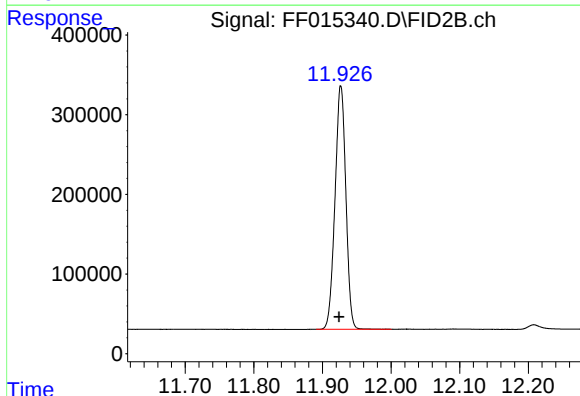
R.T.: 11.156 min
Delta R.T.: 0.002 min
Response: 3086310
Conc: 19.33 ug/ml

Instrument :
FID_F
ClientSampleId :



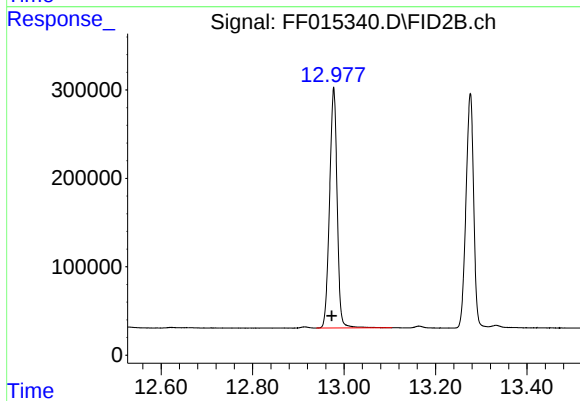
#10 Anthracene (C19.43)

R.T.: 11.232 min
Delta R.T.: 0.003 min
Response: 2654425
Conc: 17.98 ug/ml



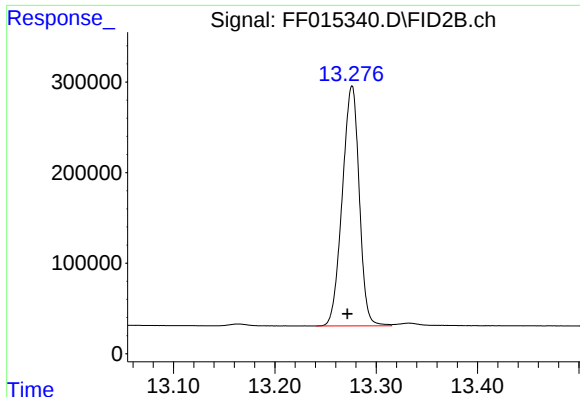
#11 ortho-Terphenyl (SURR)

R.T.: 11.927 min
Delta R.T.: 0.002 min
Response: 3358668
Conc: 19.51 ug/ml



#12 Fluoranthene (C21.85)

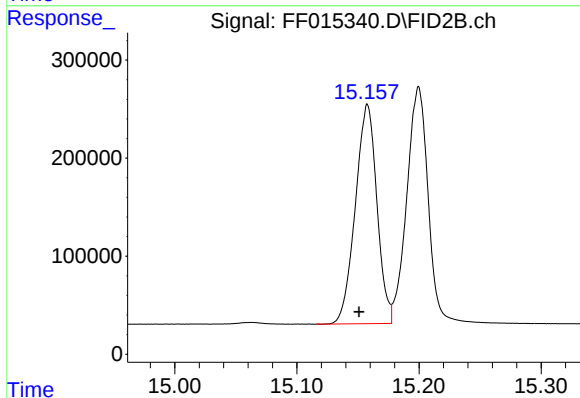
R.T.: 12.977 min
Delta R.T.: 0.004 min
Response: 3129767
Conc: 18.92 ug/ml



#13 Pyrene (C20.8)

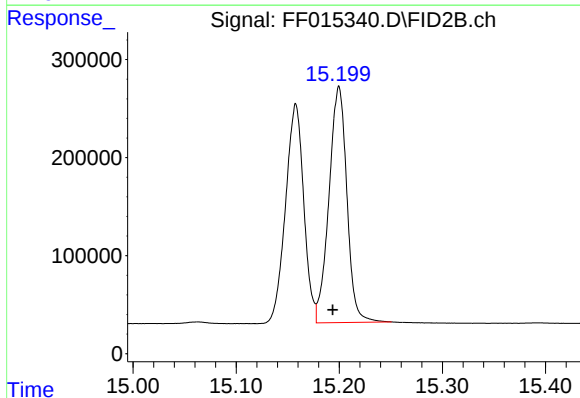
R.T.: 13.276 min
Delta R.T.: 0.004 min
Response: 3084409
Conc: 19.04 ug/ml

Instrument :
FID_F
ClientSampleId :



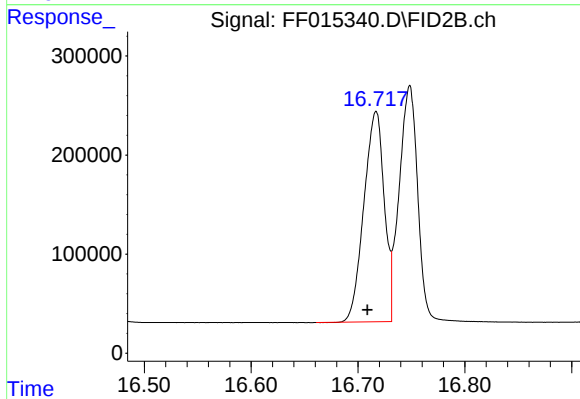
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.158 min
Delta R.T.: 0.007 min
Response: 2741882
Conc: 18.38 ug/ml



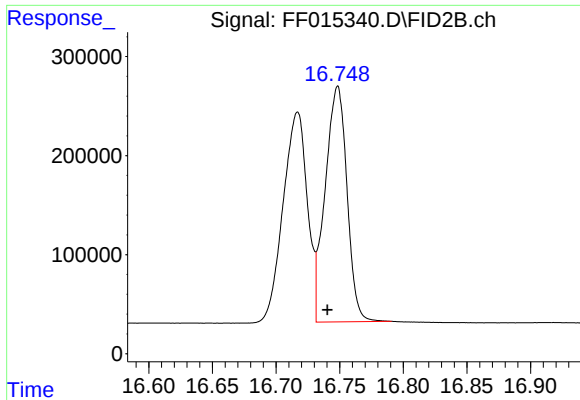
#15 Chrysene (C27.41)

R.T.: 15.199 min
Delta R.T.: 0.006 min
Response: 2912259
Conc: 18.75 ug/ml



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

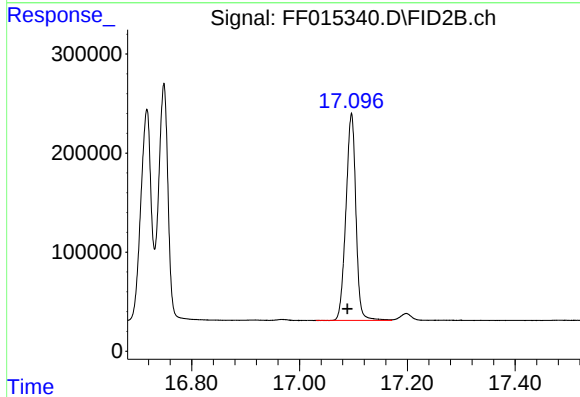
R.T.: 16.717 min
Delta R.T.: 0.008 min
Response: 2808811
Conc: 18.98 ug/ml



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

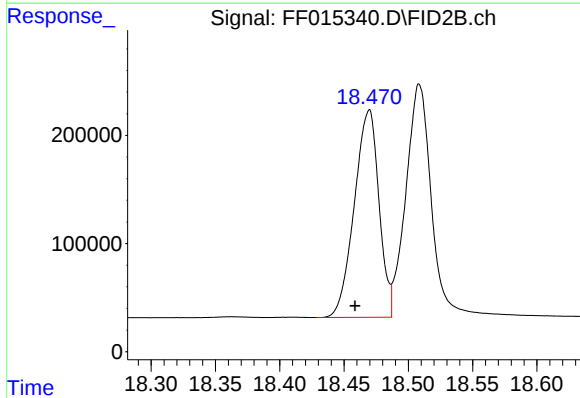
R.T.: 16.748 min
Delta R.T.: 0.008 min
Response: 2846599
Conc: 20.13 ug/ml

Instrument :
FID_F
ClientSampleId :



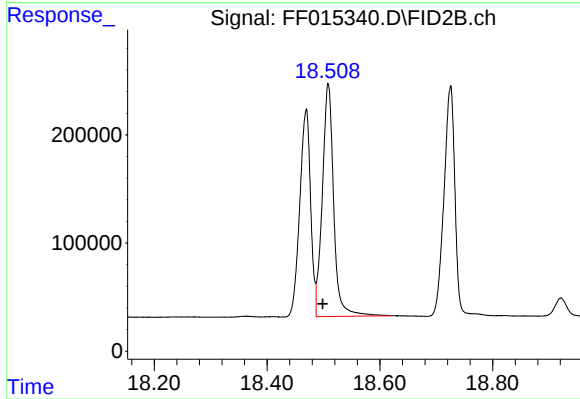
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.096 min
Delta R.T.: 0.007 min
Response: 2683425
Conc: 18.89 ug/ml



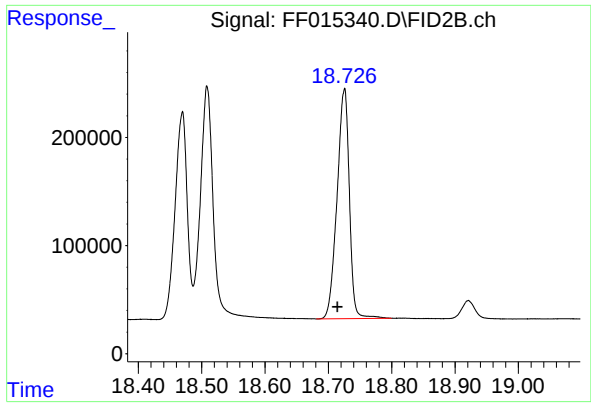
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.469 min
Delta R.T.: 0.011 min
Response: 2557026
Conc: 20.29 ug/ml



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

R.T.: 18.509 min
Delta R.T.: 0.010 min
Response: 3014549
Conc: 20.38 ug/ml



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

R.T.: 18.725 min
Delta R.T.: 0.011 min
Response: 2874855
Conc: 21.30 ug/ml

Instrument :

FID_F

ClientSampleId :