

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF012825AR\
 Data File : FF015325.D
 Signal(s) : FID2B.ch
 Acq On : 28 Jan 2025 14:00
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Jan 29 00:46:11 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...	7.979	2987640	22.634 ug/ml
Spiked Amount 50.000		Recovery =	45.27%
6) S 2-Fluorobiphenyl (SURR)	8.854	1973199	23.377 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	46.75%
11) S ortho-Terphenyl (SURR)	11.922	3362904	19.535 ug/ml
Spiked Amount 50.000		Recovery =	39.07%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.585	3385204	21.104 ug/ml
2) T Naphthalene (C11.7)	6.255	3442671	21.472 ug/ml
3) T 2-Methylnaphthalene (...)	7.352	3358759	21.122 ug/ml
5) T Acenaphthylene (C15.06)	8.654	3330577	20.960 ug/ml
7) T Acenaphthene (C15.5)	8.953	3307689	20.285 ug/ml
8) T Fluorene (C16.55)	9.743	3307245	21.004 ug/ml
9) T Phenanthrene (C19.36)	11.151	3107523	19.463 ug/ml
10) T Anthracene (C19.43)	11.225	2668185	18.072 ug/ml
12) T Fluoranthene (C21.85)	12.974	3148072	19.029 ug/ml
13) T Pyrene (C20.8)	13.272	3079832	19.014 ug/ml
14) T Benzo[a]anthracene (C...	15.155	2731786	18.312 ug/ml
15) T Chrysene (C27.41)	15.198	2874492	18.506 ug/ml
16) T benzo[b]fluoranthene ...	16.715	2801288	18.929 ug/ml
17) T Bnezo[k]fluoranthene ...	16.748	2818784	19.936 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.095	2635262	18.548 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.468	2423404	19.232 ug/ml
20) T Dibenz[a,h]anthracene...	18.508	2816447	19.036 ug/ml
21) T Benzo[g,h,i]perylene ...	18.724	2771732	20.533 ug/ml

(f)=RT Delta > 1/2 Window

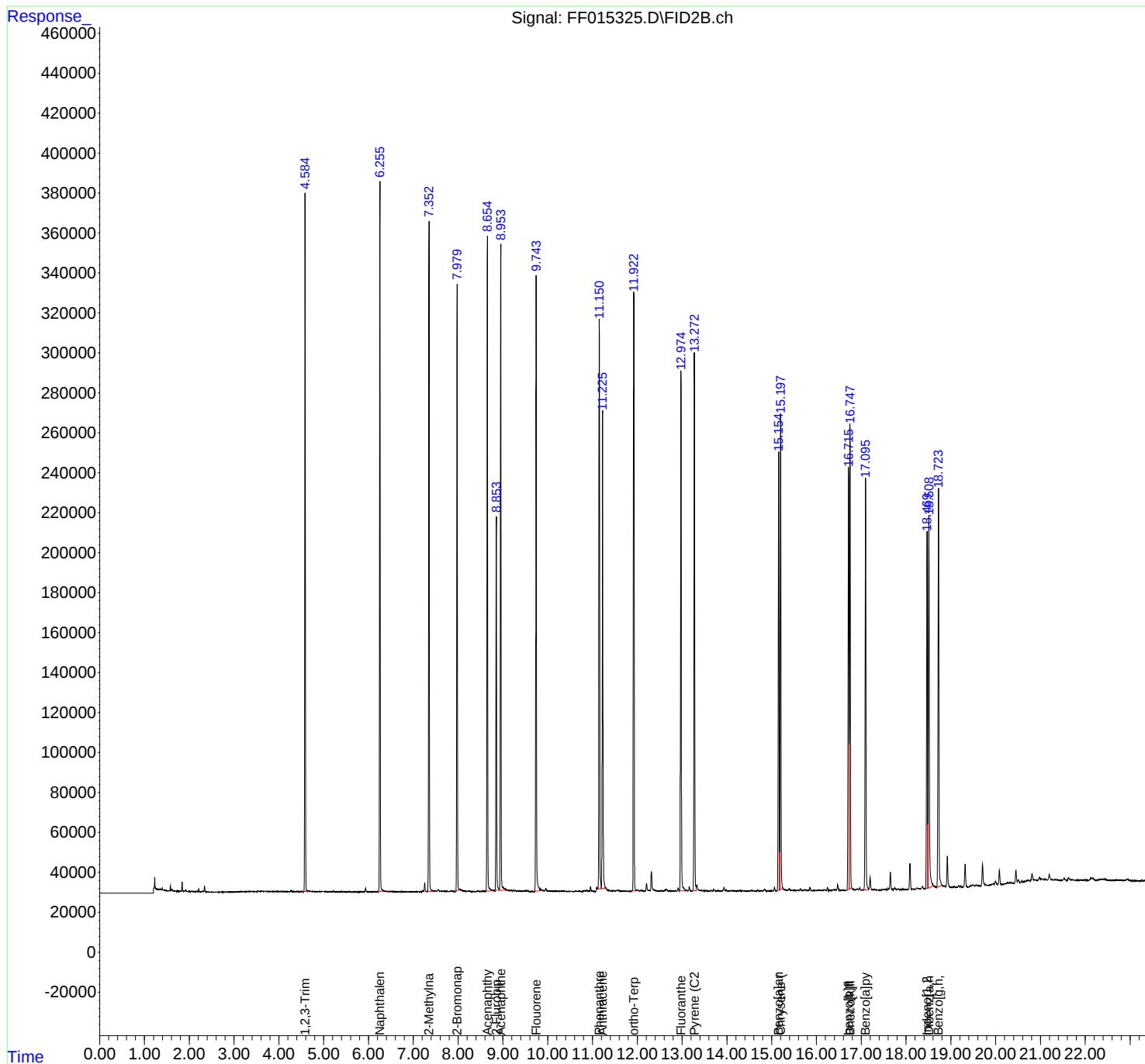
(m)=manual int.

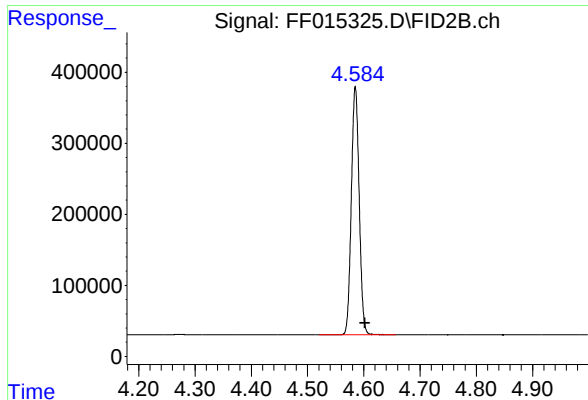
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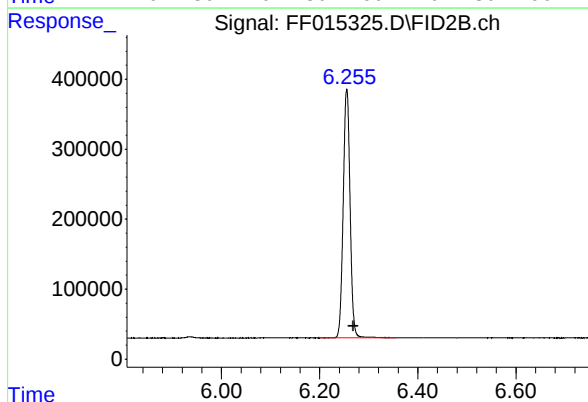




#1 1,2,3-Trimethylbenzene (C10.1)

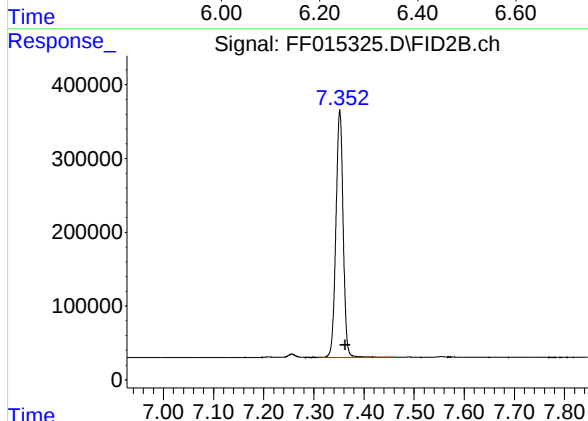
R.T.: 4.585 min
Delta R.T.: -0.017 min
Response: 3385204
Conc: 21.10 ug/ml

Instrument :
FID_F
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20 PPM AROMATIC HC STD



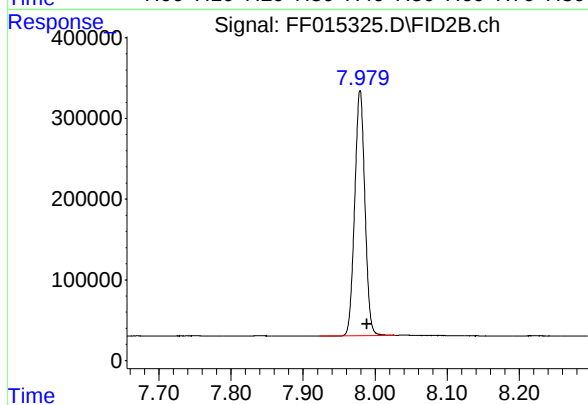
#2 Naphthalene (C11.7)

R.T.: 6.255 min
Delta R.T.: -0.013 min
Response: 3442671
Conc: 21.47 ug/ml



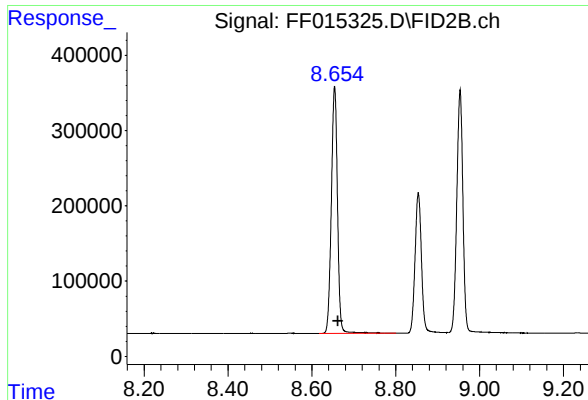
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.352 min
Delta R.T.: -0.011 min
Response: 3358759
Conc: 21.12 ug/ml



#4 2-Bromonaphthalene (SURR)

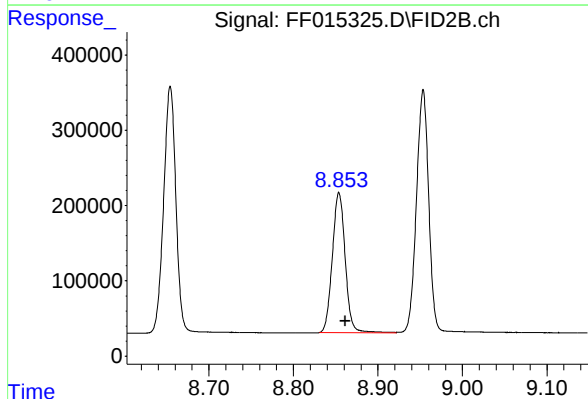
R.T.: 7.979 min
Delta R.T.: -0.010 min
Response: 2987640
Conc: 22.63 ug/ml



#5 Acenaphthylene (C15.06)

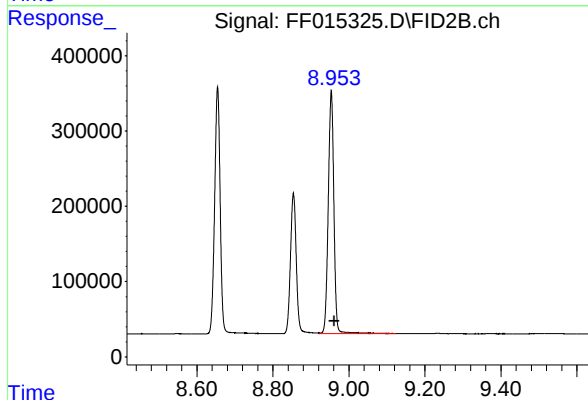
R.T.: 8.654 min
Delta R.T.: -0.008 min
Response: 3330577
Conc: 20.96 ug/ml

Instrument :
FID_F
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20 PPM AROMATIC HC STD



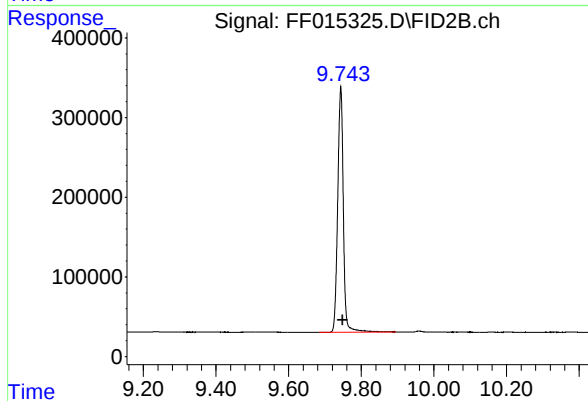
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.854 min
Delta R.T.: -0.008 min
Response: 1973199
Conc: 23.38 ug/ml



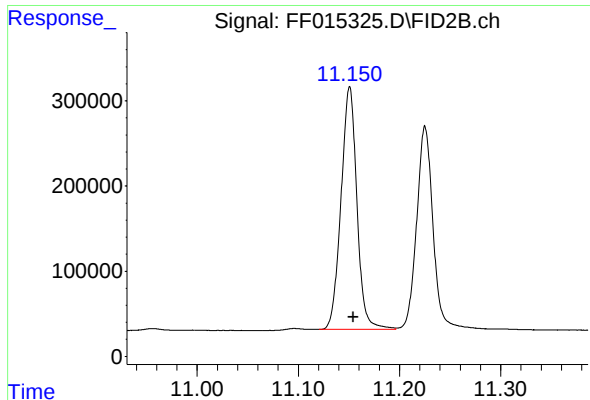
#7 Acenaphthene (C15.5)

R.T.: 8.953 min
Delta R.T.: -0.008 min
Response: 3307689
Conc: 20.28 ug/ml



#8 Flouorene (C16.55)

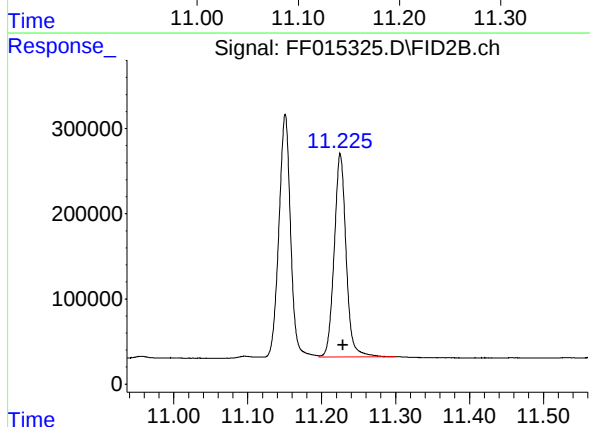
R.T.: 9.743 min
Delta R.T.: -0.006 min
Response: 3307245
Conc: 21.00 ug/ml



#9 Phenanthrene (C19.36)

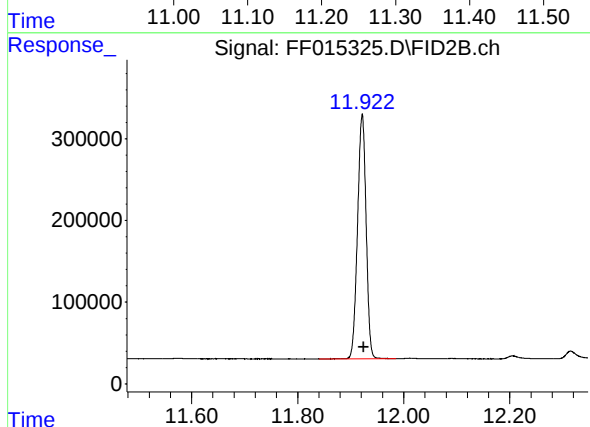
R.T.: 11.151 min
Delta R.T.: -0.004 min
Response: 3107523
Conc: 19.46 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



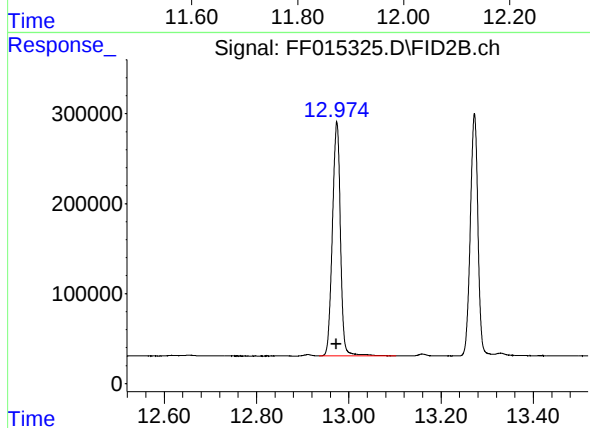
#10 Anthracene (C19.43)

R.T.: 11.225 min
Delta R.T.: -0.004 min
Response: 2668185
Conc: 18.07 ug/ml



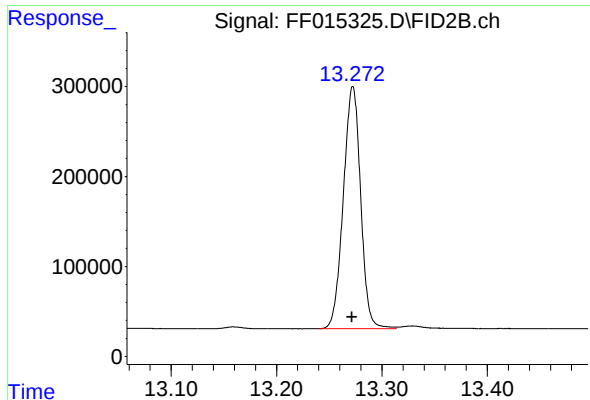
#11 ortho-Terphenyl (SURR)

R.T.: 11.922 min
Delta R.T.: -0.003 min
Response: 3362904
Conc: 19.54 ug/ml



#12 Fluoranthene (C21.85)

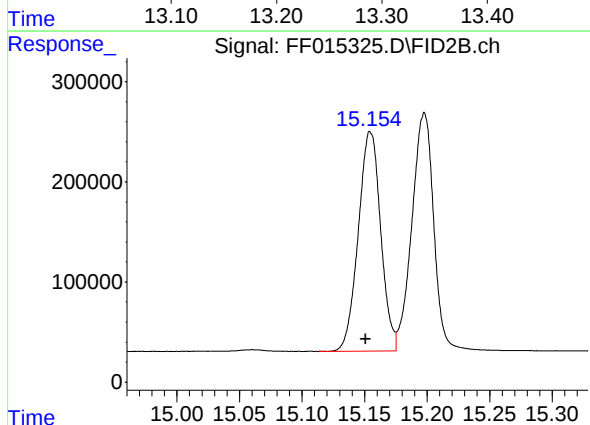
R.T.: 12.974 min
Delta R.T.: 0.000 min
Response: 3148072
Conc: 19.03 ug/ml



#13 Pyrene (C20.8)

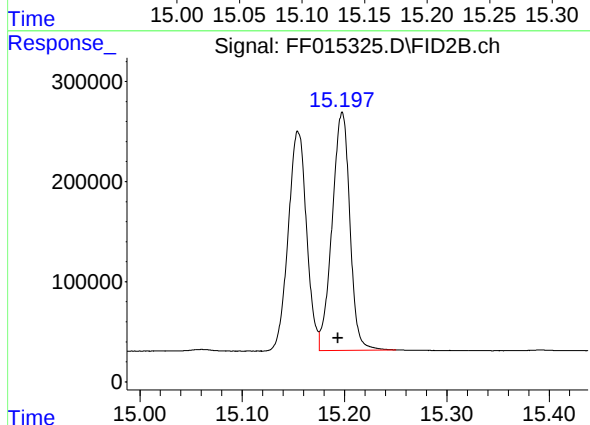
R.T.: 13.272 min
Delta R.T.: 0.000 min
Response: 3079832
Conc: 19.01 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD



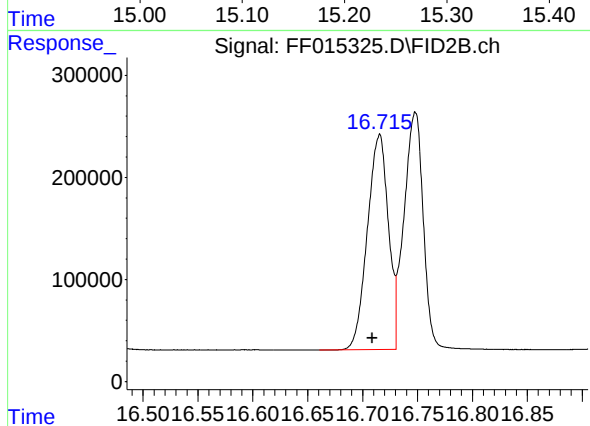
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.155 min
Delta R.T.: 0.004 min
Response: 2731786
Conc: 18.31 ug/ml



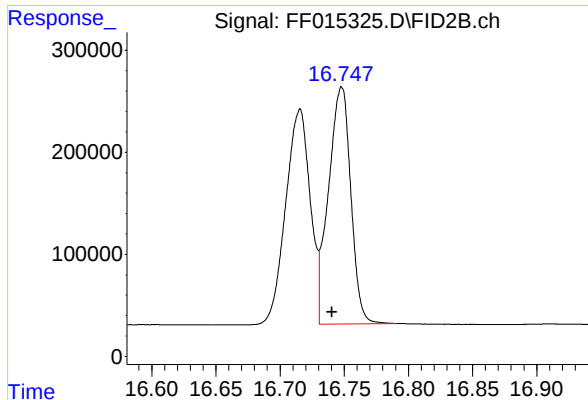
#15 Chrysene (C27.41)

R.T.: 15.198 min
Delta R.T.: 0.004 min
Response: 2874492
Conc: 18.51 ug/ml



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

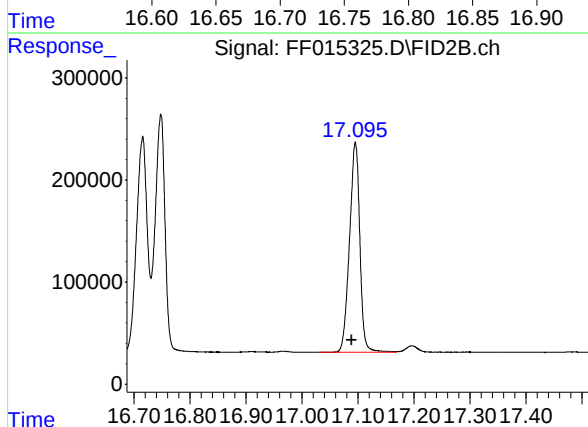
R.T.: 16.715 min
Delta R.T.: 0.006 min
Response: 2801288
Conc: 18.93 ug/ml



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

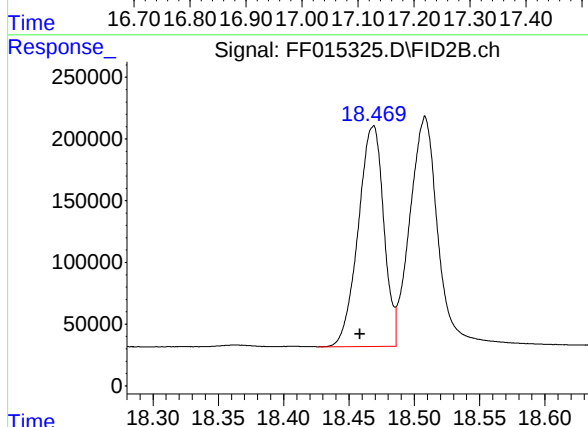
R.T.: 16.748 min
Delta R.T.: 0.007 min
Response: 2818784
Conc: 19.94 ug/ml

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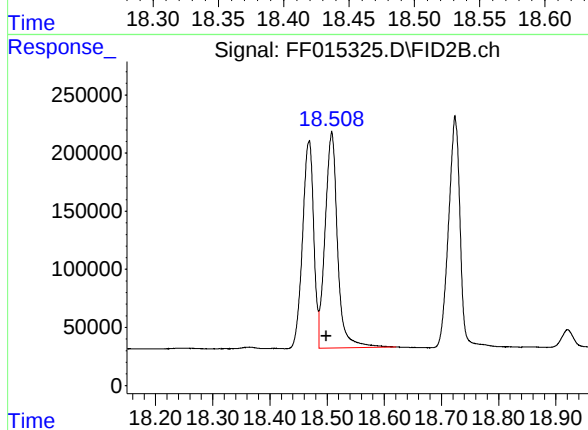
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.095 min
Delta R.T.: 0.006 min
Response: 2635262
Conc: 18.55 ug/ml



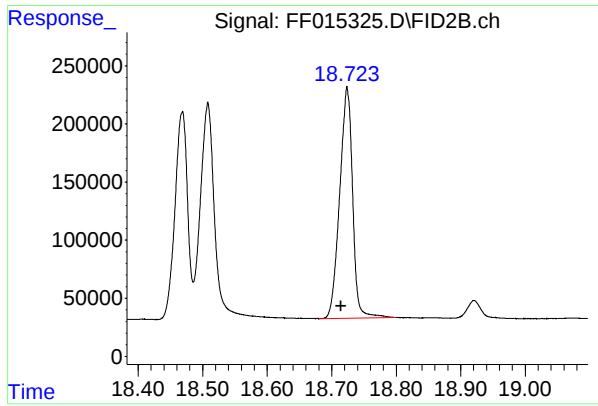
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.468 min
Delta R.T.: 0.010 min
Response: 2423404
Conc: 19.23 ug/ml



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

R.T.: 18.508 min
Delta R.T.: 0.009 min
Response: 2816447
Conc: 19.04 ug/ml



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

R.T.: 18.724 min

Delta R.T.: 0.009 min

Response: 2771732

Conc: 20.53 ug/ml

Instrument :

FID_F

ClientSampleId :

20 PPM AROMATIC HC STD