

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111524AR\
 Data File : FF015050.D
 Signal(s) : FID2B.ch
 Acq On : 14 Nov 2024 21:20
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Nov 15 02:04:46 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	2394220	19.606 ug/ml
Spiked Amount 50.000		Recovery =	39.21%
6) S 2-Fluorobiphenyl (SURR)	8.863	1593602	19.520 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.04%
11) S ortho-Terphenyl (SURR)	11.925	2600882	19.389 ug/ml
Spiked Amount 50.000		Recovery =	38.78%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.607	2680987	19.789 ug/ml
2) T Naphthalene (C11.7)	6.272	2725678	19.738 ug/ml
3) T 2-Methylnaphthalene (...)	7.365	2650114	19.650 ug/ml
5) T Acenaphthylene (C15.06)	8.664	2663300	19.504 ug/ml
7) T Acenaphthene (C15.5)	8.963	2609003	19.522 ug/ml
8) T Fluorene (C16.55)	9.751	2590489	19.407 ug/ml
9) T Phenanthrene (C19.36)	11.157	2476665	19.287 ug/ml
10) T Anthracene (C19.43)	11.231	2427432	19.243 ug/ml
12) T Fluoranthene (C21.85)	12.975	2415451	19.316 ug/ml
13) T Pyrene (C20.8)	13.274	2391790	19.362 ug/ml
14) T Benzo[a]anthracene (C...	15.152	2275655	19.195 ug/ml
15) T Chrysene (C27.41)	15.195	2287214	19.153 ug/ml
16) T benzo[b]fluoranthene ...	16.709	2328216	19.275 ug/ml
17) T Bnezo[k]fluoranthene ...	16.741	2316890	19.245 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.088	2250514	19.312 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.459	2227722	18.792 ug/ml
20) T Dibenz[a,h]anthracene...	18.498	2365012	18.501 ug/ml
21) T Benzo[g,h,i]perylene ...	18.716	2489265	19.186 ug/ml

(f)=RT Delta > 1/2 Window

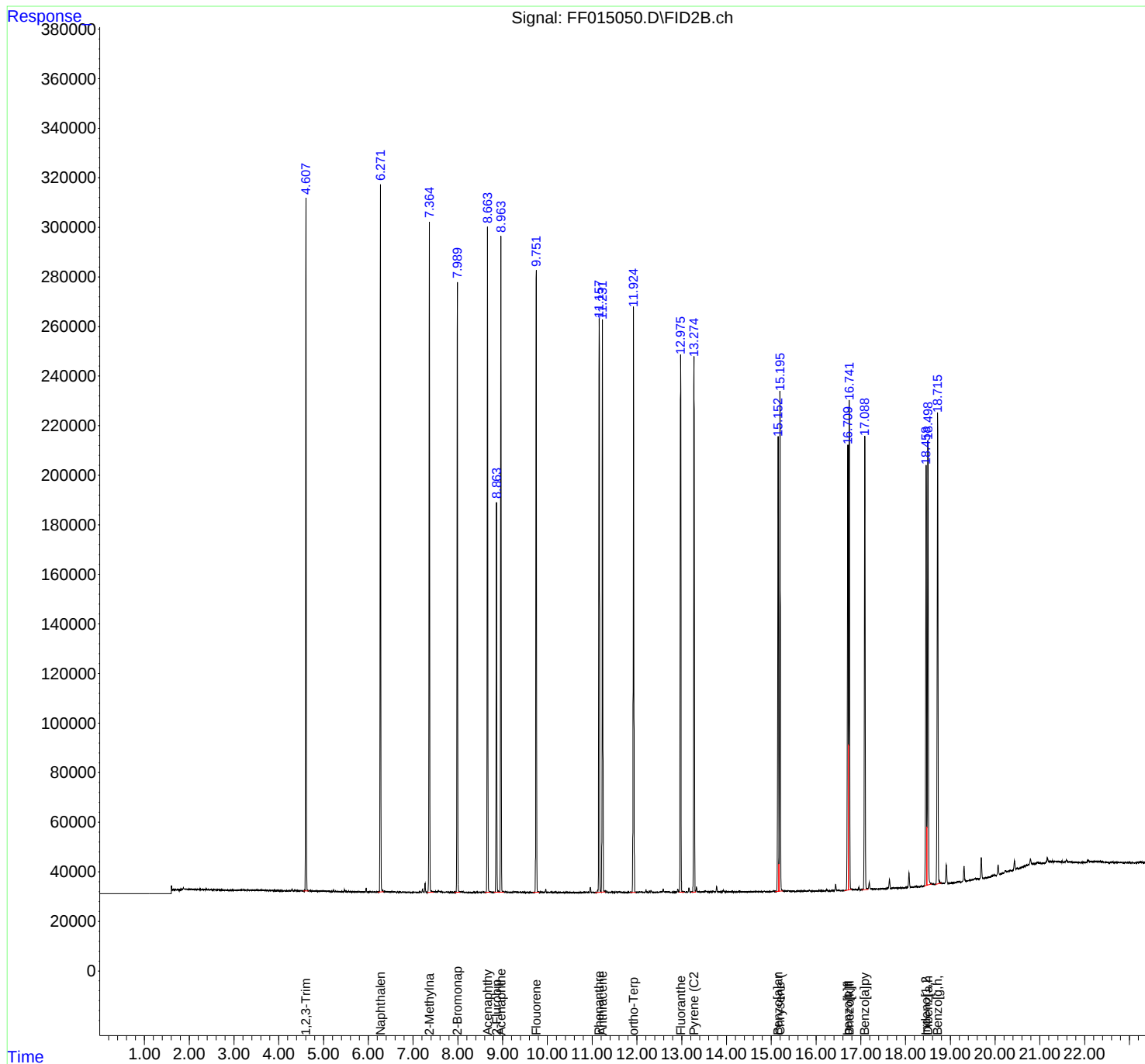
(m)=manual int.

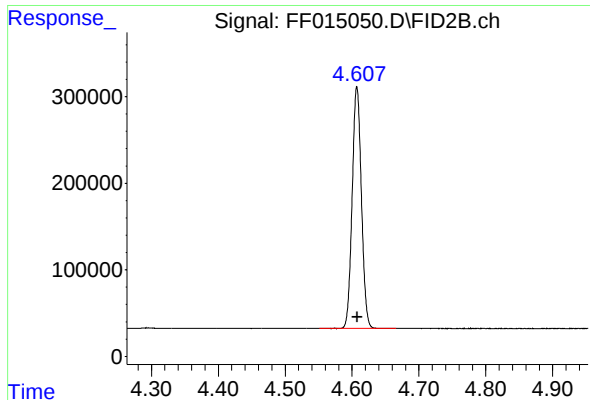
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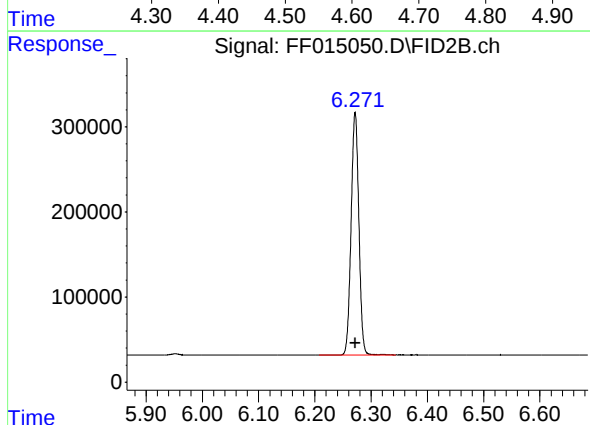




#1 1,2,3-Trimethylbenzene (C10.1)

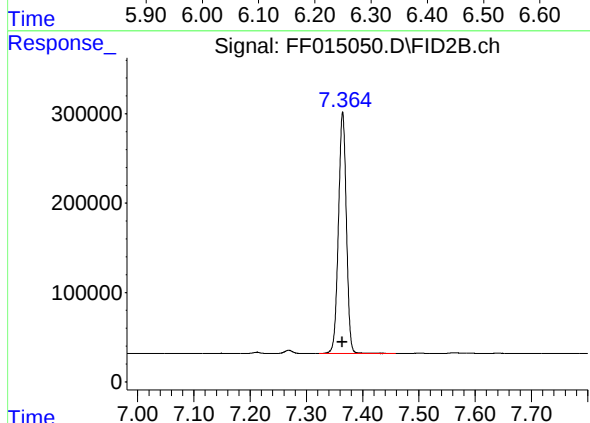
R.T.: 4.607 min
Delta R.T.: 0.000 min
Response: 2680987
Conc: 19.79 ug/ml

Instrument :
FID_F
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20 PPM AROMATIC HC STD



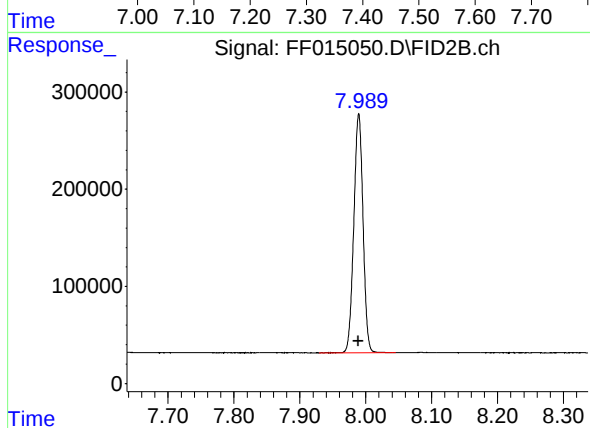
#2 Naphthalene (C11.7)

R.T.: 6.272 min
Delta R.T.: 0.000 min
Response: 2725678
Conc: 19.74 ug/ml



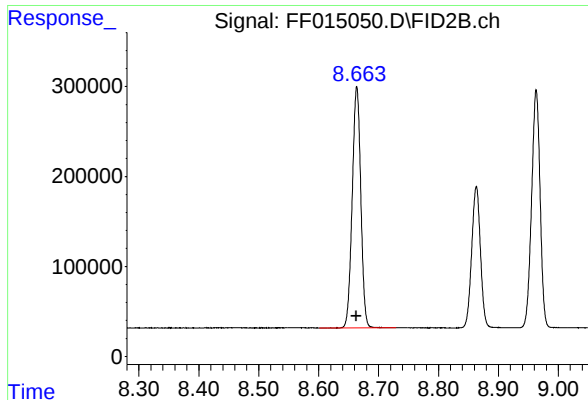
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.365 min
Delta R.T.: 0.000 min
Response: 2650114
Conc: 19.65 ug/ml



#4 2-Bromonaphthalene (SURR)

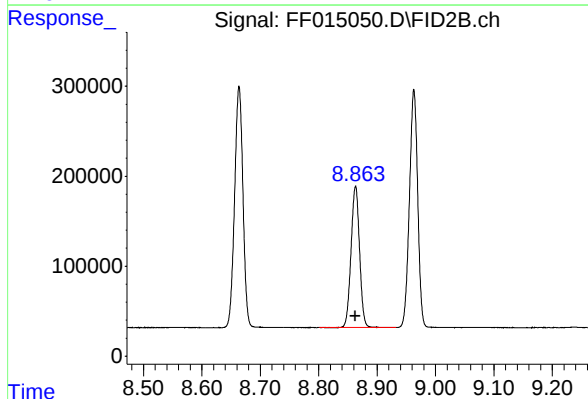
R.T.: 7.989 min
Delta R.T.: 0.000 min
Response: 2394220
Conc: 19.61 ug/ml



#5 Acenaphthylene (C15.06)

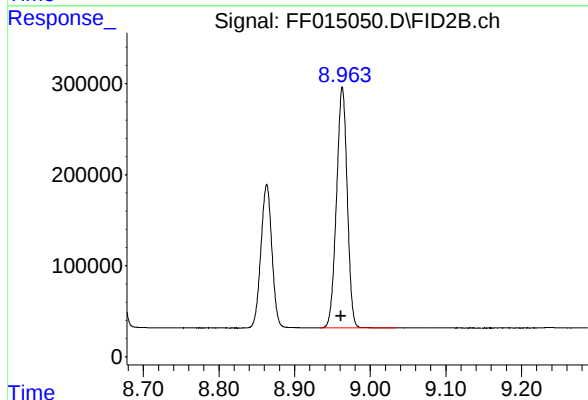
R.T.: 8.664 min
Delta R.T.: 0.000 min
Response: 2663300
Conc: 19.50 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



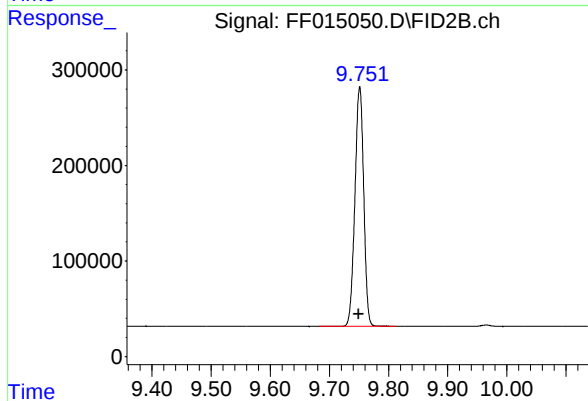
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.863 min
Delta R.T.: 0.000 min
Response: 1593602
Conc: 19.52 ug/ml



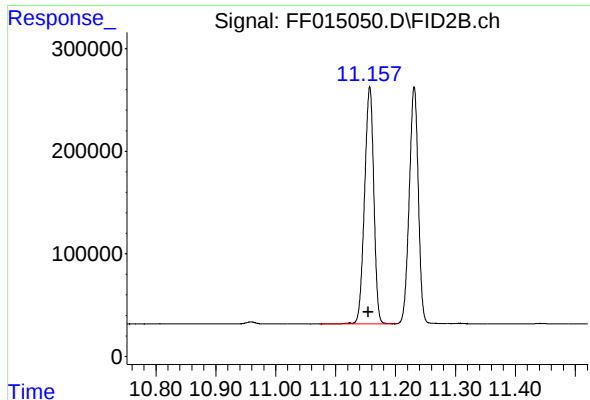
#7 Acenaphthene (C15.5)

R.T.: 8.963 min
Delta R.T.: 0.002 min
Response: 2609003
Conc: 19.52 ug/ml



#8 Fluorene (C16.55)

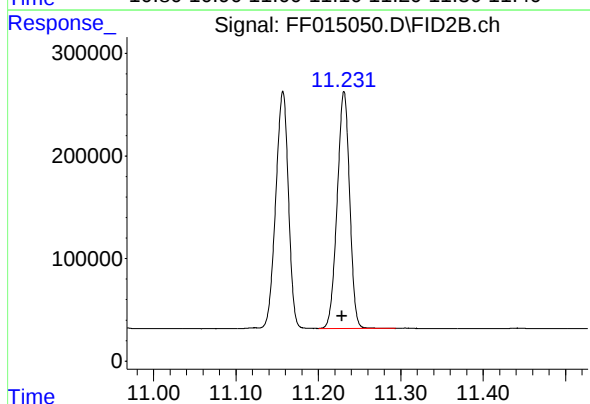
R.T.: 9.751 min
Delta R.T.: 0.002 min
Response: 2590489
Conc: 19.41 ug/ml



#9 Phenanthrene (C19.36)

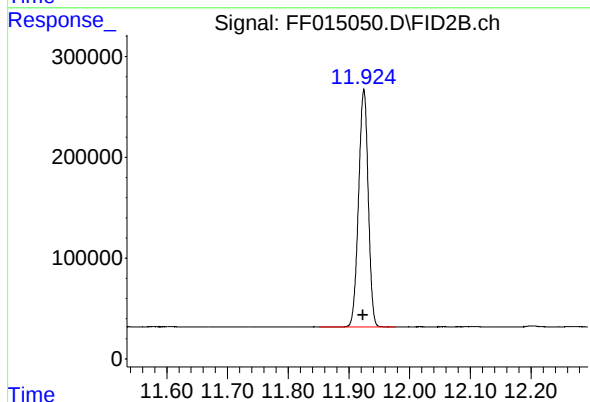
R.T.: 11.157 min
Delta R.T.: 0.002 min
Response: 2476665
Conc: 19.29 ug/ml

Instrument :
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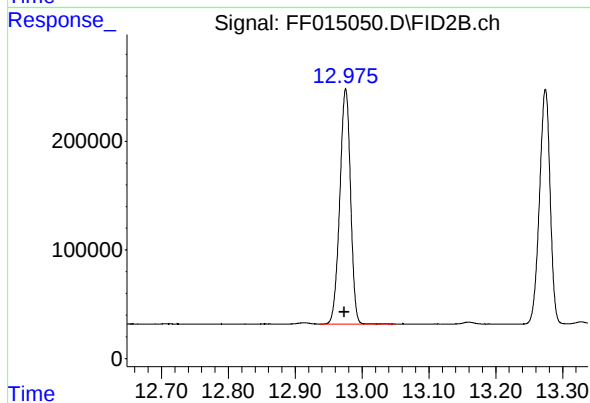
#10 Anthracene (C19.43)

R.T.: 11.231 min
Delta R.T.: 0.002 min
Response: 2427432
Conc: 19.24 ug/ml



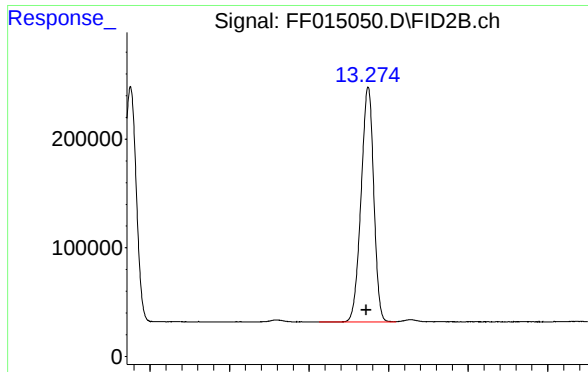
#11 ortho-Terphenyl (SURR)

R.T.: 11.925 min
Delta R.T.: 0.002 min
Response: 2600882
Conc: 19.39 ug/ml



#12 Fluoranthene (C21.85)

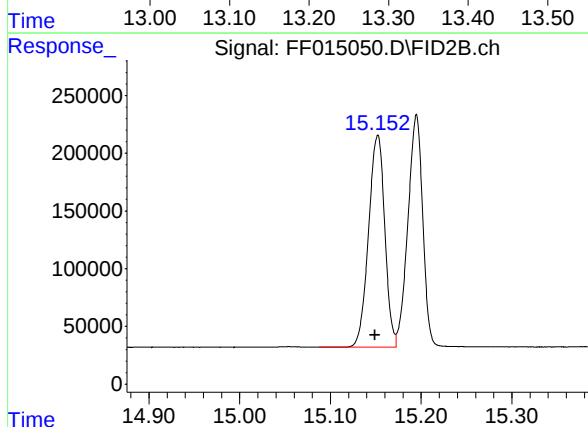
R.T.: 12.975 min
Delta R.T.: 0.002 min
Response: 2415451
Conc: 19.32 ug/ml



#13 Pyrene (C20.8)

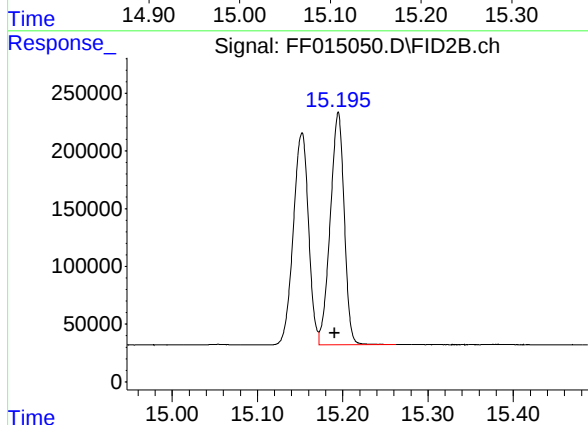
R.T.: 13.274 min
Delta R.T.: 0.002 min
Response: 2391790
Conc: 19.36 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD



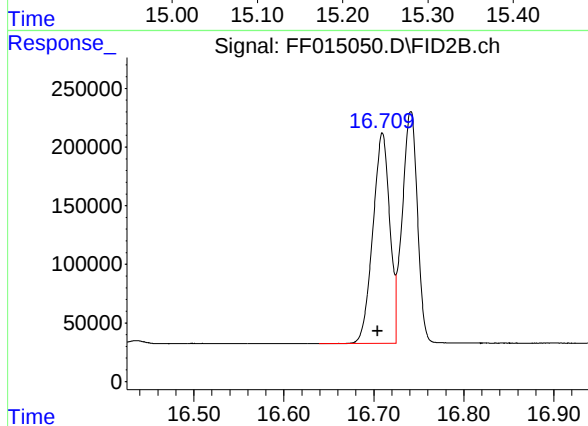
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.152 min
Delta R.T.: 0.003 min
Response: 2275655
Conc: 19.20 ug/ml



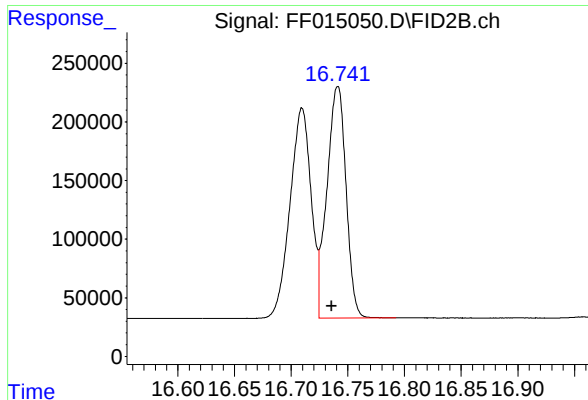
#15 Chrysene (C27.41)

R.T.: 15.195 min
Delta R.T.: 0.004 min
Response: 2287214
Conc: 19.15 ug/ml



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

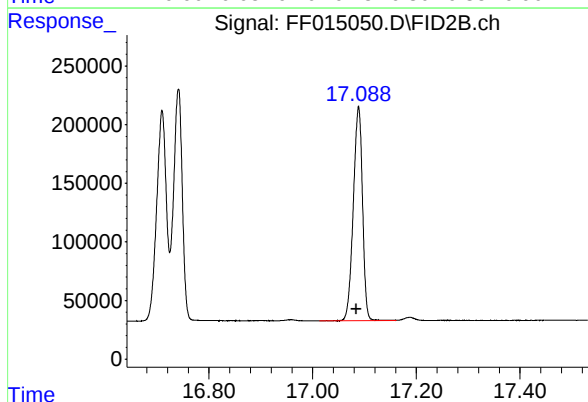
R.T.: 16.709 min
Delta R.T.: 0.005 min
Response: 2328216
Conc: 19.27 ug/ml



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

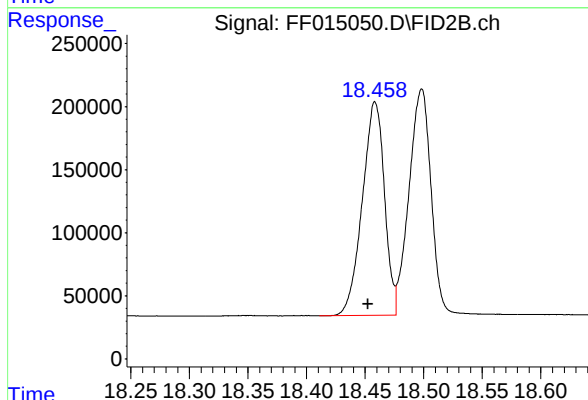
R.T.: 16.741 min
Delta R.T.: 0.005 min
Response: 2316890
Conc: 19.25 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD



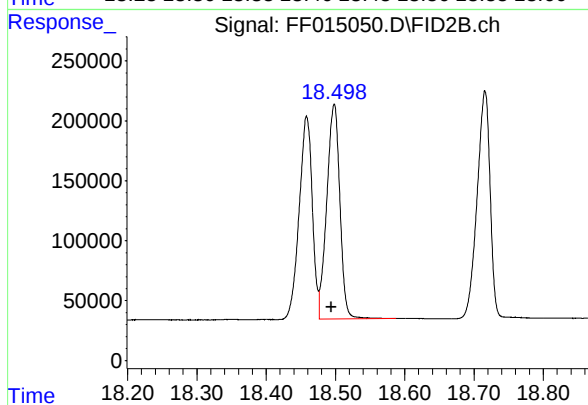
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.088 min
Delta R.T.: 0.004 min
Response: 2250514
Conc: 19.31 ug/ml



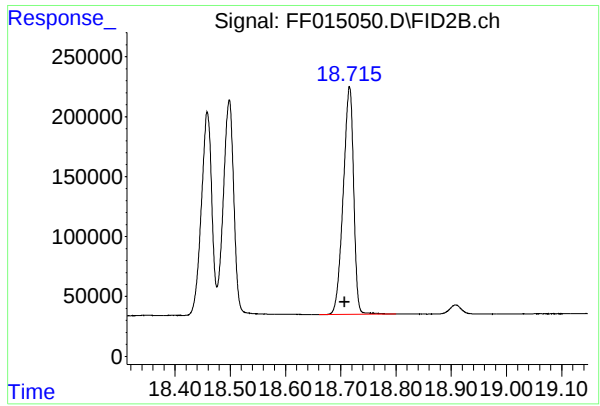
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.459 min
Delta R.T.: 0.006 min
Response: 2227722
Conc: 18.79 ug/ml



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

R.T.: 18.498 min
Delta R.T.: 0.004 min
Response: 2365012
Conc: 18.50 ug/ml



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

R.T.: 18.716 min
Delta R.T.: 0.008 min
Response: 2489265
Conc: 19.19 ug/ml

Instrument :

FID_F

ClientSampleId :

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