

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111624AR\
 Data File : FF015075.D
 Signal(s) : FID2B.ch
 Acq On : 15 Nov 2024 23:42
 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 18 00:27:47 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	2495769	20.438 ug/ml
Spiked Amount 50.000		Recovery =	40.88%
6) S 2-Fluorobiphenyl (SURR)	8.863	1668596	20.438 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.88%
11) S ortho-Terphenyl (SURR)	11.924	2748348	20.488 ug/ml
Spiked Amount 50.000		Recovery =	40.98%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.607	2779677	20.518 ug/ml
2) T Naphthalene (C11.7)	6.271	2834180	20.523 ug/ml
3) T 2-Methylnaphthalene (...)	7.364	2757474	20.446 ug/ml
5) T Acenaphthylene (C15.06)	8.663	2788554	20.421 ug/ml
7) T Acenaphthene (C15.5)	8.963	2733719	20.455 ug/ml
8) T Fluorene (C16.55)	9.751	2713169	20.326 ug/ml
9) T Phenanthrene (C19.36)	11.156	2605006	20.286 ug/ml
10) T Anthracene (C19.43)	11.230	2507591	19.879 ug/ml
12) T Fluoranthene (C21.85)	12.974	2548601	20.381 ug/ml
13) T Pyrene (C20.8)	13.273	2527742	20.462 ug/ml
14) T Benzo[a]anthracene (C...	15.152	2374662	20.030 ug/ml
15) T Chrysene (C27.41)	15.195	2399384	20.093 ug/ml
16) T benzo[b]fluoranthene ...	16.709	2485063	20.573 ug/ml
17) T Bnezo[k]fluoranthene ...	16.741	2448157	20.335 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.089	2371224	20.348 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.459	2339551	19.736 ug/ml
20) T Dibenz[a,h]anthracene...	18.499	2414848	18.890 ug/ml
21) T Benzo[g,h,i]perylene ...	18.716	2650231	20.427 ug/ml

(f)=RT Delta > 1/2 Window

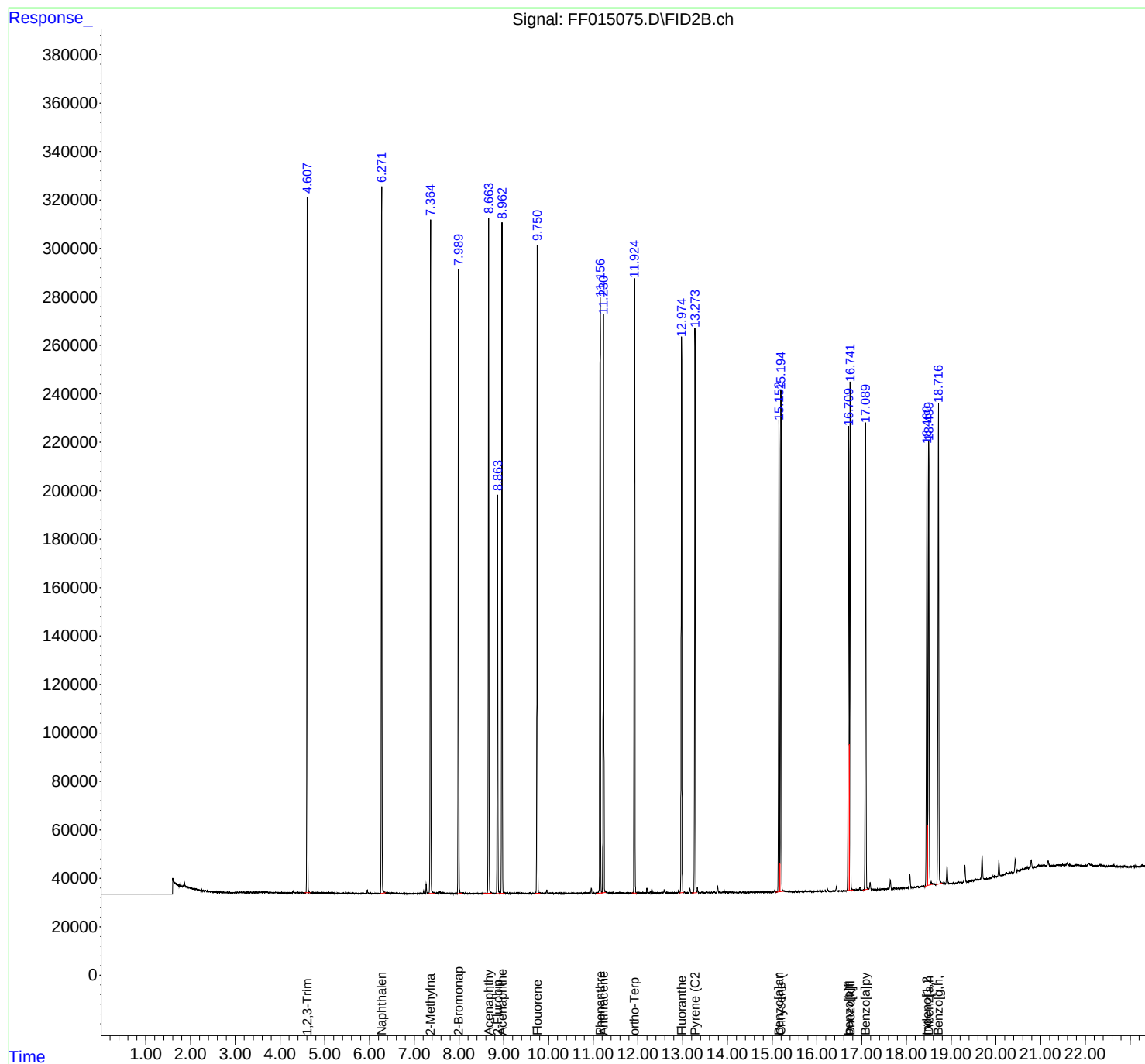
(m)=manual int.

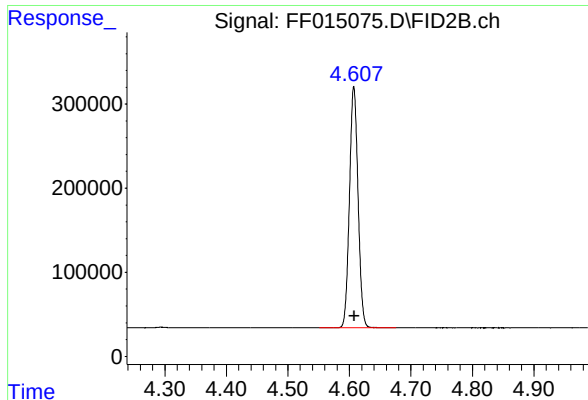
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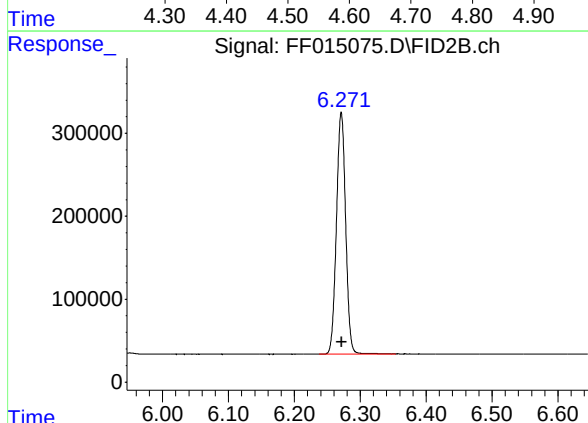




#1 1,2,3-Trimethylbenzene (C10.1)

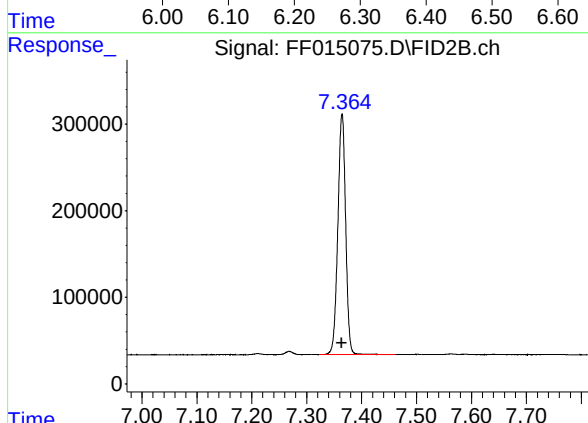
R.T.: 4.607 min
Delta R.T.: 0.000 min
Response: 2779677
Conc: 20.52 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD



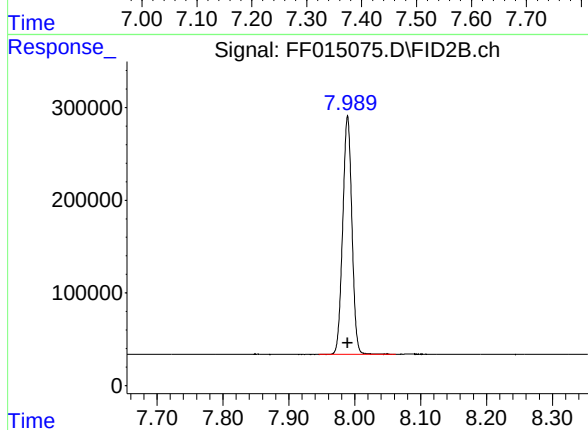
#2 Naphthalene (C11.7)

R.T.: 6.271 min
Delta R.T.: 0.000 min
Response: 2834180
Conc: 20.52 ug/ml



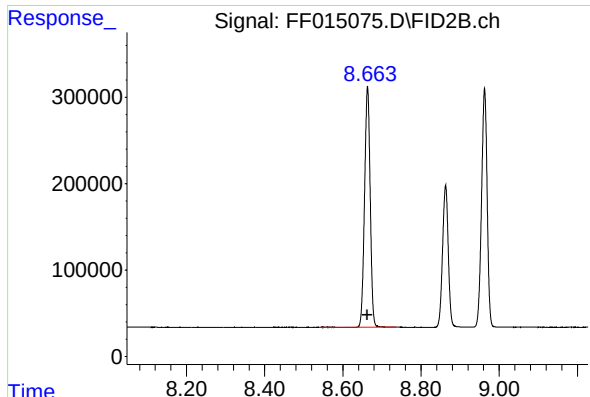
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.364 min
Delta R.T.: 0.000 min
Response: 2757474
Conc: 20.45 ug/ml



#4 2-Bromonaphthalene (SURR)

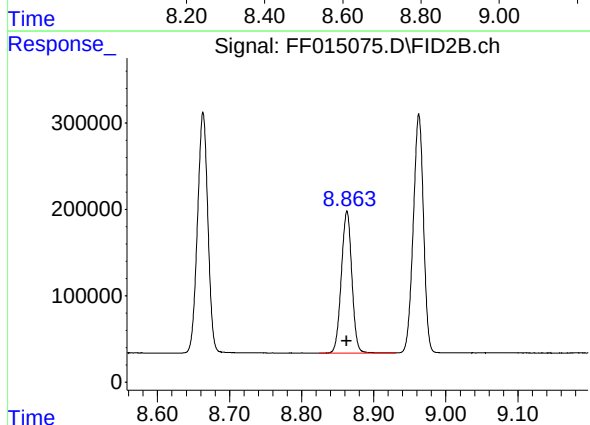
R.T.: 7.989 min
Delta R.T.: 0.000 min
Response: 2495769
Conc: 20.44 ug/ml



#5 Acenaphthylene (C15.06)

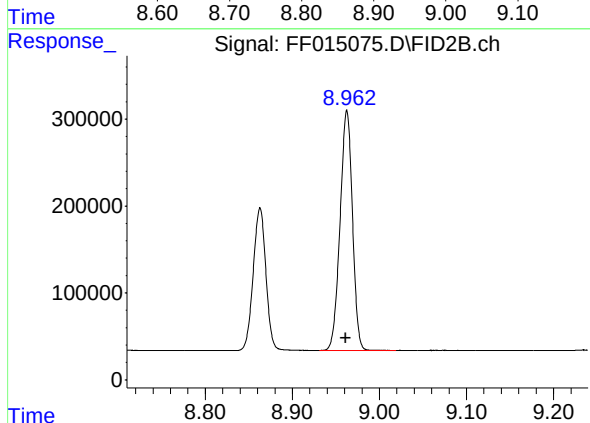
R.T.: 8.663 min
Delta R.T.: 0.000 min
Response: 2788554
Conc: 20.42 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



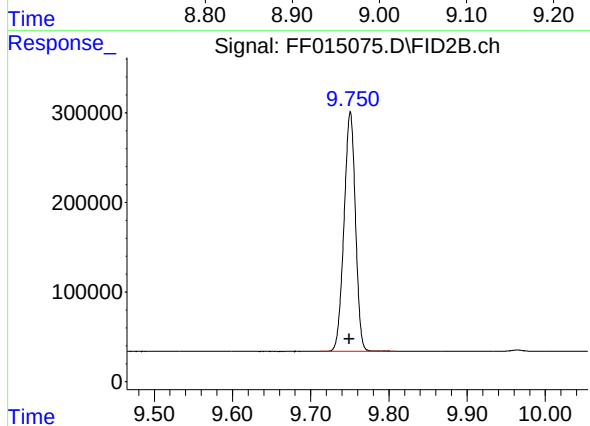
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.863 min
Delta R.T.: 0.000 min
Response: 1668596
Conc: 20.44 ug/ml



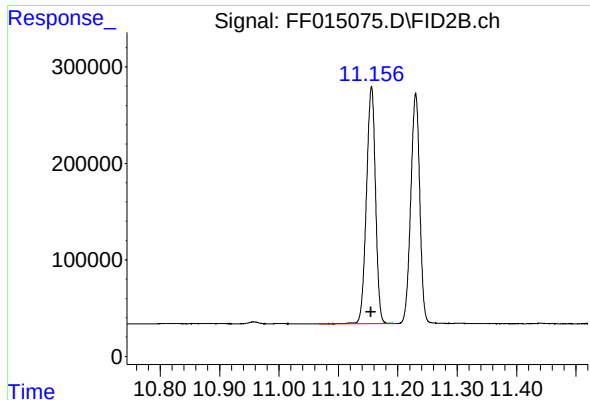
#7 Acenaphthene (C15.5)

R.T.: 8.963 min
Delta R.T.: 0.001 min
Response: 2733719
Conc: 20.45 ug/ml



#8 Fluorene (C16.55)

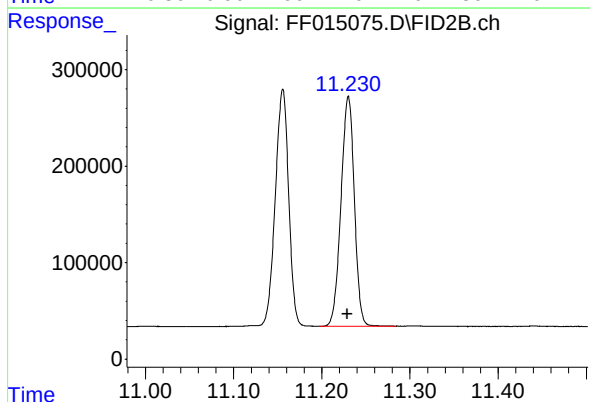
R.T.: 9.751 min
Delta R.T.: 0.001 min
Response: 2713169
Conc: 20.33 ug/ml



#9 Phenanthrene (C19.36)

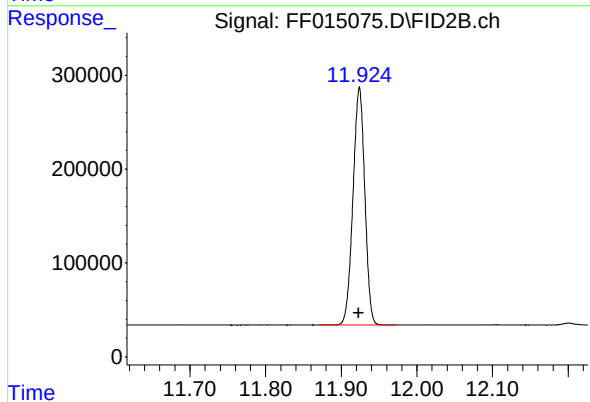
R.T.: 11.156 min
Delta R.T.: 0.000 min
Response: 2605006
Conc: 20.29 ug/ml

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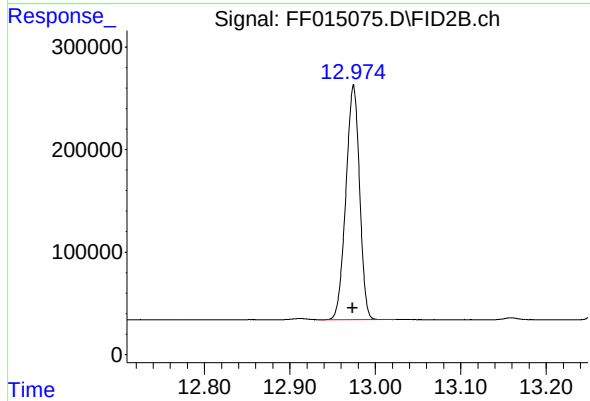
#10 Anthracene (C19.43)

R.T.: 11.230 min
Delta R.T.: 0.001 min
Response: 2507591
Conc: 19.88 ug/ml



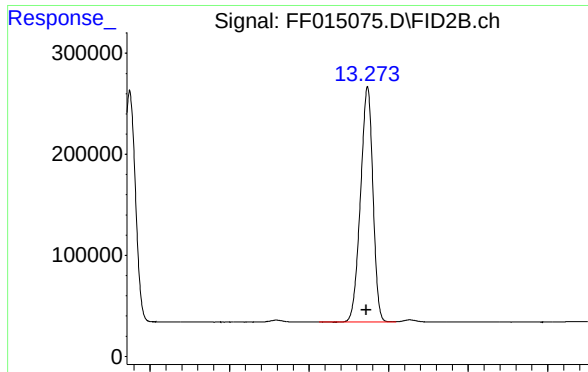
#11 ortho-Terphenyl (SURR)

R.T.: 11.924 min
Delta R.T.: 0.000 min
Response: 2748348
Conc: 20.49 ug/ml



#12 Fluoranthene (C21.85)

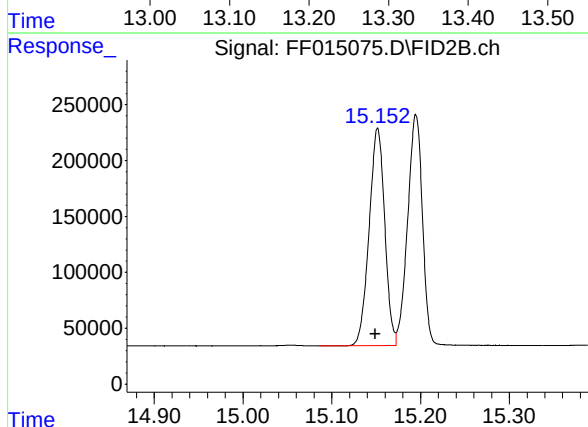
R.T.: 12.974 min
Delta R.T.: 0.000 min
Response: 2548601
Conc: 20.38 ug/ml



#13 Pyrene (C20.8)

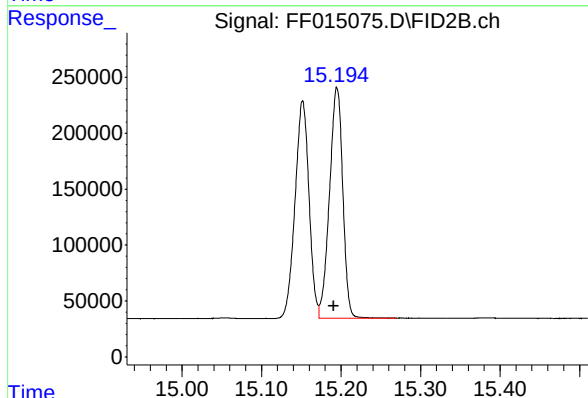
R.T.: 13.273 min
Delta R.T.: 0.001 min
Response: 2527742
Conc: 20.46 ug/ml

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20 PPM AROMATIC HC STD



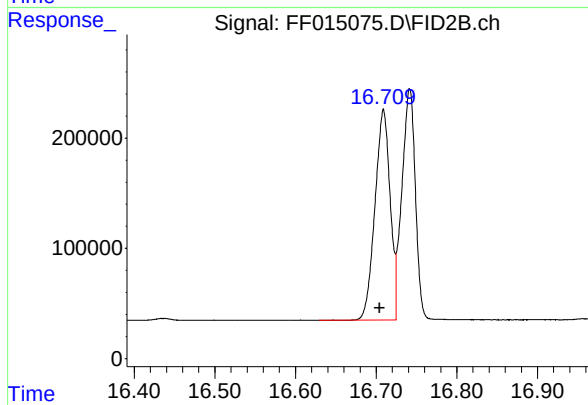
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.152 min
Delta R.T.: 0.002 min
Response: 2374662
Conc: 20.03 ug/ml



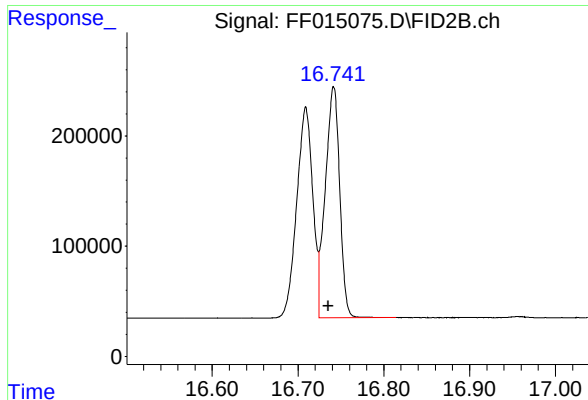
#15 Chrysene (C27.41)

R.T.: 15.195 min
Delta R.T.: 0.004 min
Response: 2399384
Conc: 20.09 ug/ml



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

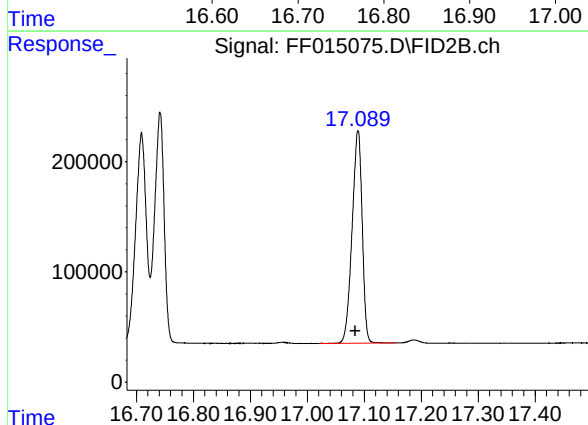
R.T.: 16.709 min
Delta R.T.: 0.005 min
Response: 2485063
Conc: 20.57 ug/ml



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

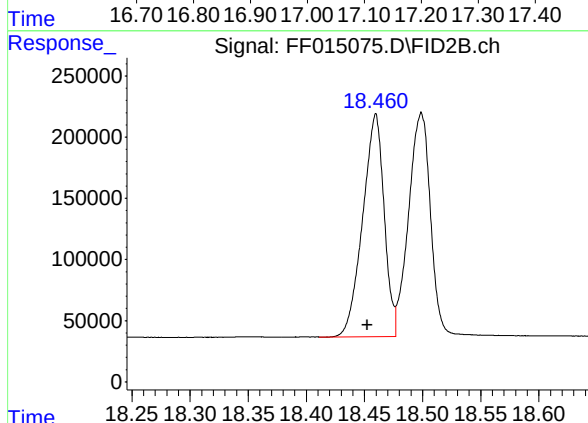
R.T.: 16.741 min
Delta R.T.: 0.006 min
Response: 2448157
Conc: 20.34 ug/ml

Instrument :
FID_F
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20 PPM AROMATIC HC STD



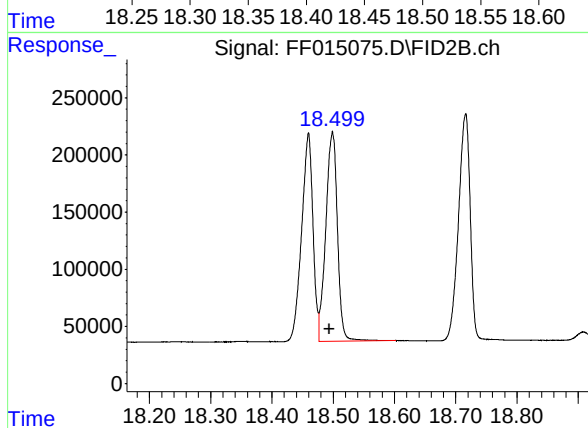
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.089 min
Delta R.T.: 0.005 min
Response: 2371224
Conc: 20.35 ug/ml



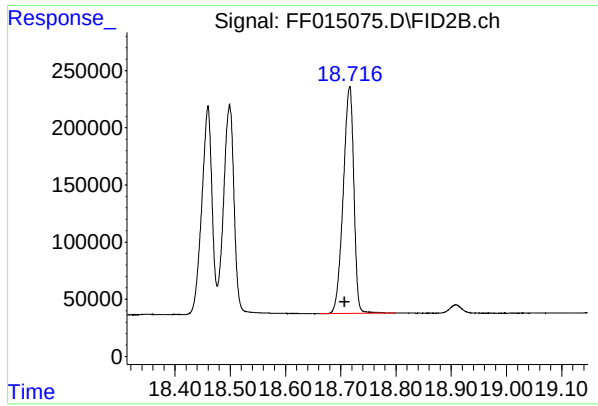
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.459 min
Delta R.T.: 0.007 min
Response: 2339551
Conc: 19.74 ug/ml



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

R.T.: 18.499 min
Delta R.T.: 0.005 min
Response: 2414848
Conc: 18.89 ug/ml



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

R.T.: 18.716 min

Delta R.T.: 0.008 min

Response: 2650231

Conc: 20.43 ug/ml

Instrument :

FID_F

ClientSampleId :

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