

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF012225AR\
 Data File : FF015270.D
 Signal(s) : FID2B.ch
 Acq On : 22 Jan 2025 13:16
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Jan 23 01:22:02 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...	7.991	2528275	19.154 ug/ml
Spiked Amount 50.000		Recovery =	38.31%
6) S 2-Fluorobiphenyl (SURR)	8.866	1664644	19.721 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.44%
11) S ortho-Terphenyl (SURR)	11.928	2861379	16.622 ug/ml
Spiked Amount 50.000		Recovery =	33.24%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.603	2978418	18.568 ug/ml
2) T Naphthalene (C11.7)	6.271	2938034	18.324 ug/ml
3) T 2-Methylnaphthalene (...)	7.366	2837825	17.846 ug/ml
5) T Acenaphthylene (C15.06)	8.666	2880243	18.126 ug/ml
7) T Acenaphthene (C15.5)	8.965	2851237	17.486 ug/ml
8) T Fluorene (C16.55)	9.754	2840982	18.043 ug/ml
9) T Phenanthrene (C19.36)	11.161	2699308	16.906 ug/ml
10) T Anthracene (C19.43)	11.235	2659605	18.014 ug/ml
12) T Fluoranthene (C21.85)	12.981	2721868	16.453 ug/ml
13) T Pyrene (C20.8)	13.280	2689158	16.602 ug/ml
14) T Benzo[a]anthracene (C...	15.160	2495827	16.730 ug/ml
15) T Chrysene (C27.41)	15.203	2512044	16.172 ug/ml
16) T benzo[b]fluoranthene ...	16.718	2497926	16.880 ug/ml
17) T Bnezo[k]fluoranthene ...	16.751	2496357	17.656 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.099	2398245	16.879 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.471	2302351	18.271 ug/ml
20) T Dibenz[a,h]anthracene...	18.511	2472882	16.714 ug/ml
21) T Benzo[g,h,i]perylene ...	18.728	2492486	18.464 ug/ml

(f)=RT Delta > 1/2 Window

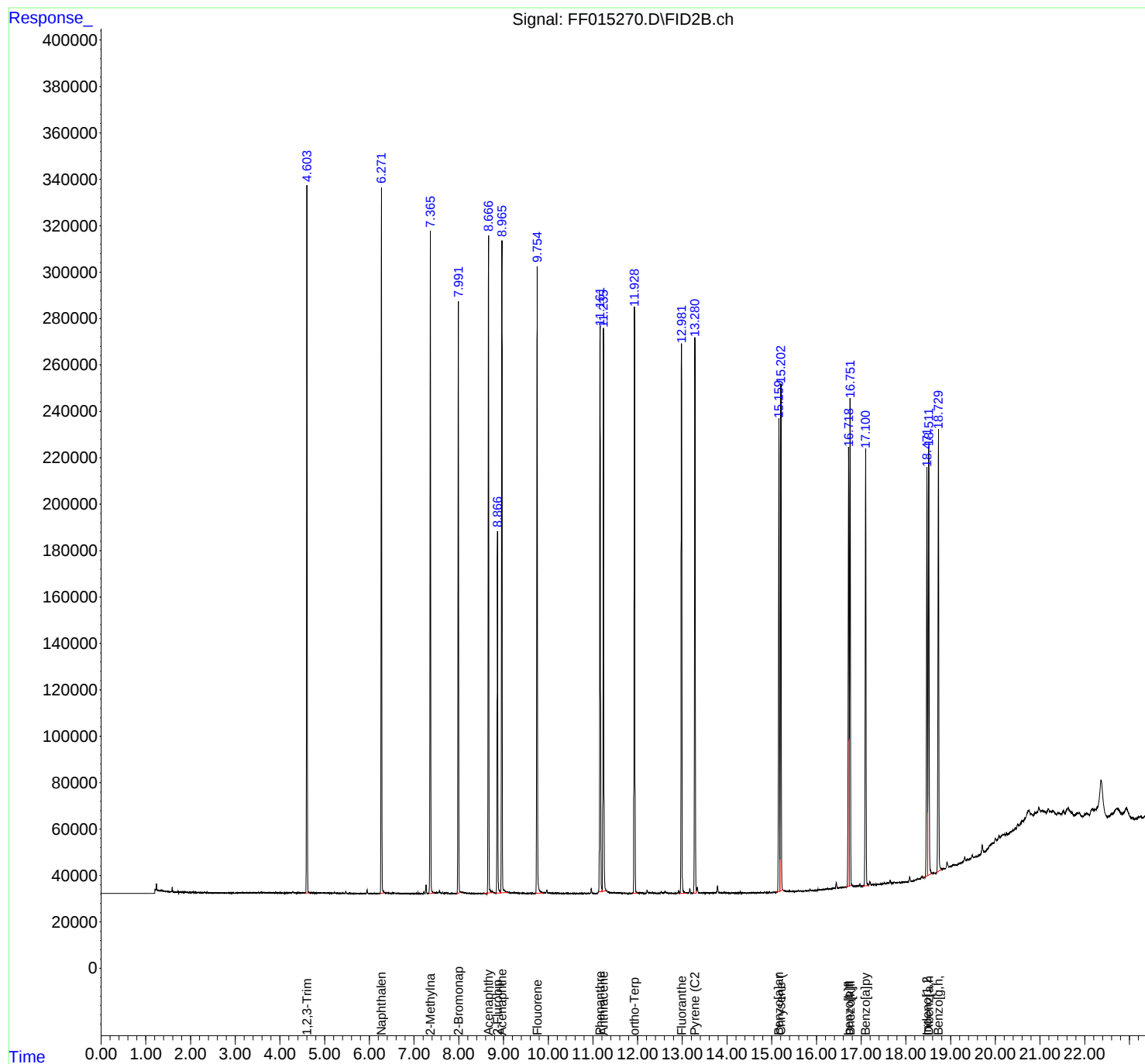
(m)=manual int.

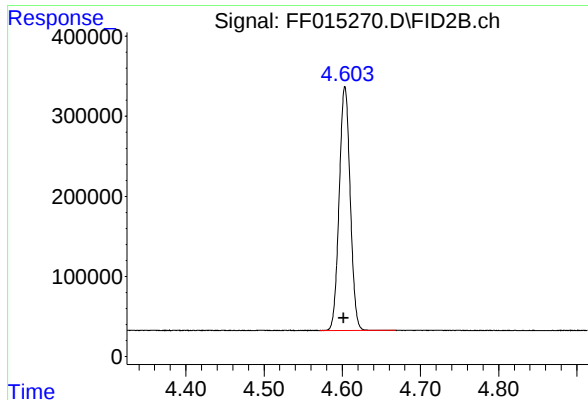
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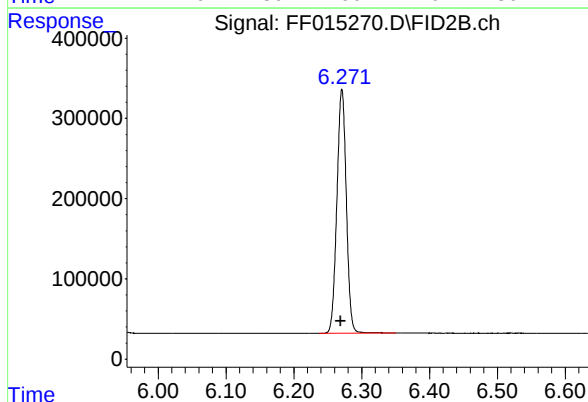




#1 1,2,3-Trimethylbenzene (C10.1)

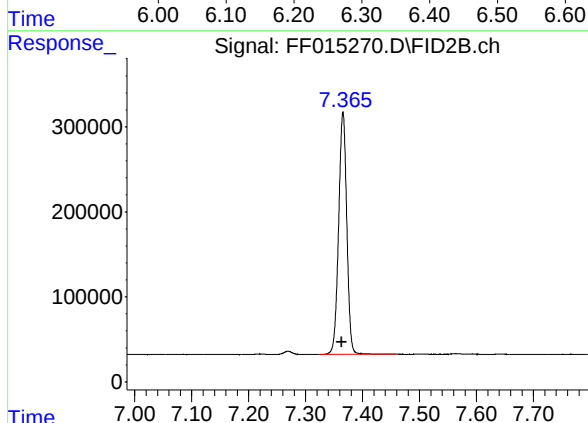
R.T.: 4.603 min
Delta R.T.: 0.001 min
Response: 2978418
Conc: 18.57 ug/ml

Instrument :
FID_F
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20 PPM AROMATIC HC STD



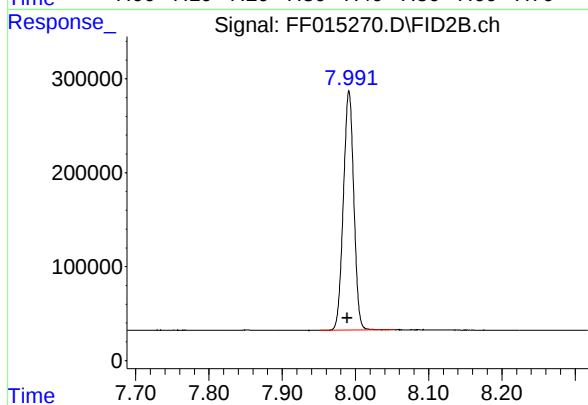
#2 Naphthalene (C11.7)

R.T.: 6.271 min
Delta R.T.: 0.002 min
Response: 2938034
Conc: 18.32 ug/ml



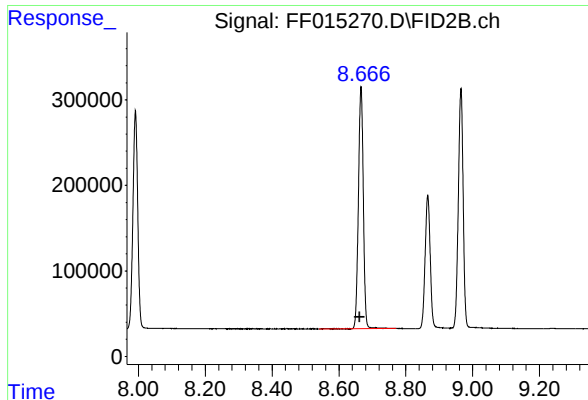
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.366 min
Delta R.T.: 0.003 min
Response: 2837825
Conc: 17.85 ug/ml



#4 2-Bromonaphthalene (SURR)

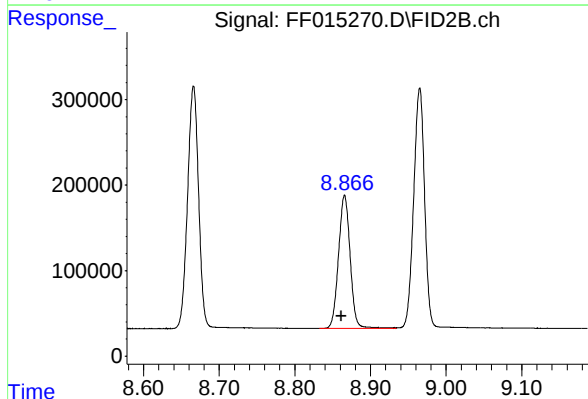
R.T.: 7.991 min
Delta R.T.: 0.002 min
Response: 2528275
Conc: 19.15 ug/ml



#5 Acenaphthylene (C15.06)

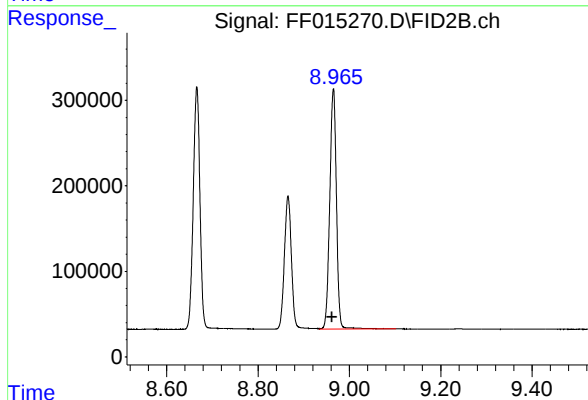
R.T.: 8.666 min
Delta R.T.: 0.004 min
Response: 2880243
Conc: 18.13 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



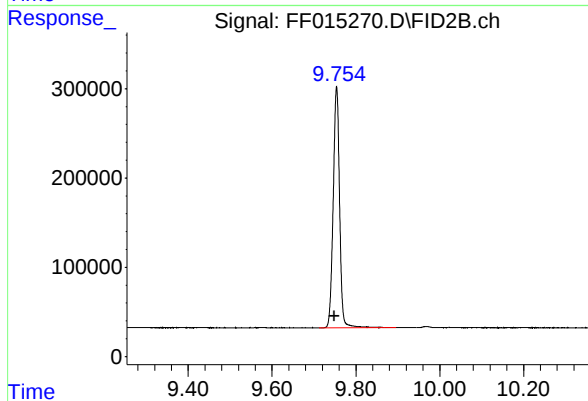
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.866 min
Delta R.T.: 0.004 min
Response: 1664644
Conc: 19.72 ug/ml



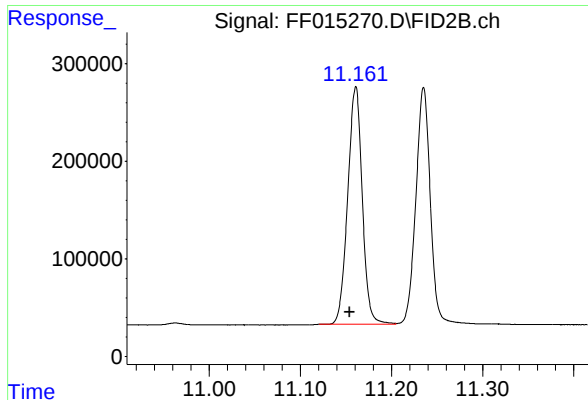
#7 Acenaphthene (C15.5)

R.T.: 8.965 min
Delta R.T.: 0.003 min
Response: 2851237
Conc: 17.49 ug/ml



#8 Flouorene (C16.55)

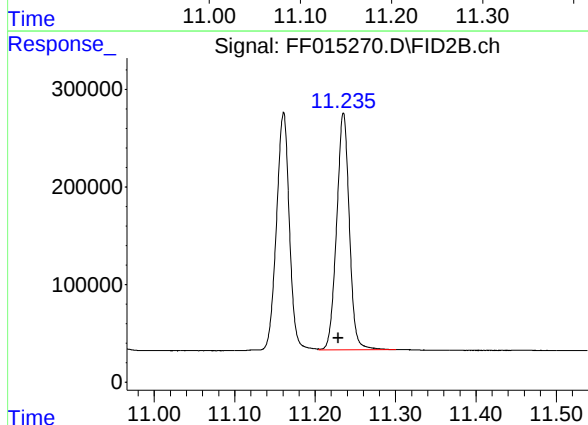
R.T.: 9.754 min
Delta R.T.: 0.005 min
Response: 2840982
Conc: 18.04 ug/ml



#9 Phenanthrene (C19.36)

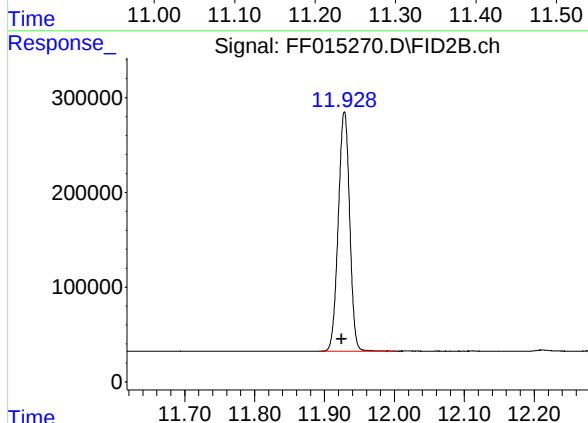
R.T.: 11.161 min
Delta R.T.: 0.006 min
Response: 2699308
Conc: 16.91 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



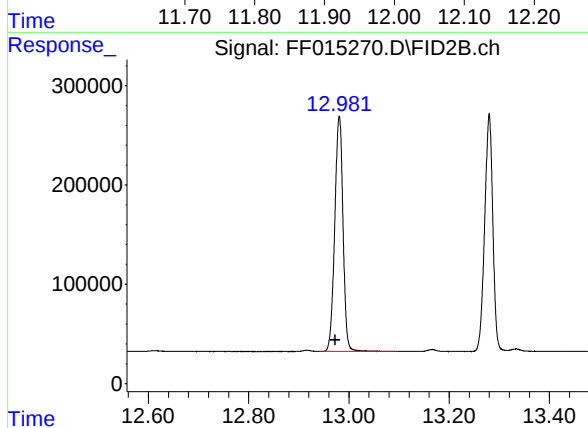
#10 Anthracene (C19.43)

R.T.: 11.235 min
Delta R.T.: 0.006 min
Response: 2659605
Conc: 18.01 ug/ml



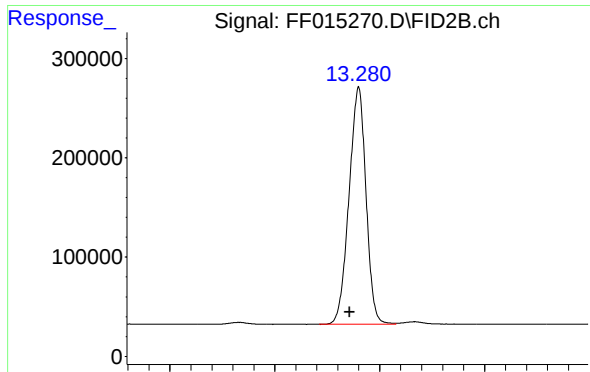
#11 ortho-Terphenyl (SURR)

R.T.: 11.928 min
Delta R.T.: 0.004 min
Response: 2861379
Conc: 16.62 ug/ml



#12 Fluoranthene (C21.85)

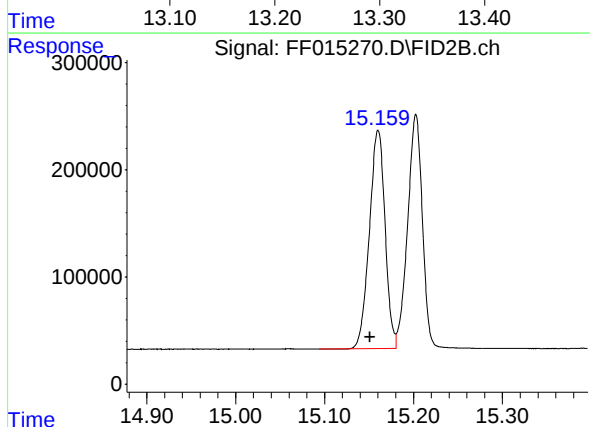
R.T.: 12.981 min
Delta R.T.: 0.007 min
Response: 2721868
Conc: 16.45 ug/ml



#13 Pyrene (C20.8)

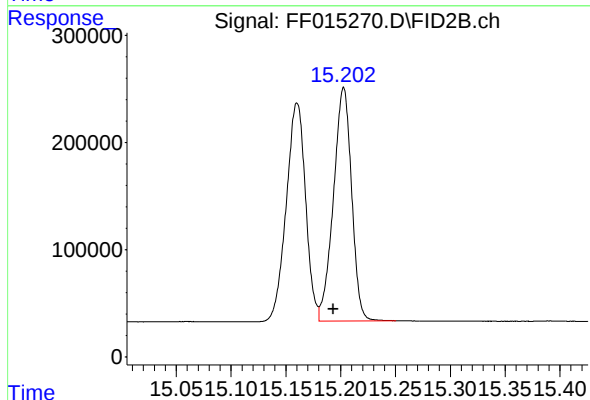
R.T.: 13.280 min
Delta R.T.: 0.008 min
Response: 2689158
Conc: 16.60 ug/ml

Instrument :
FID_F
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20 PPM AROMATIC HC STD



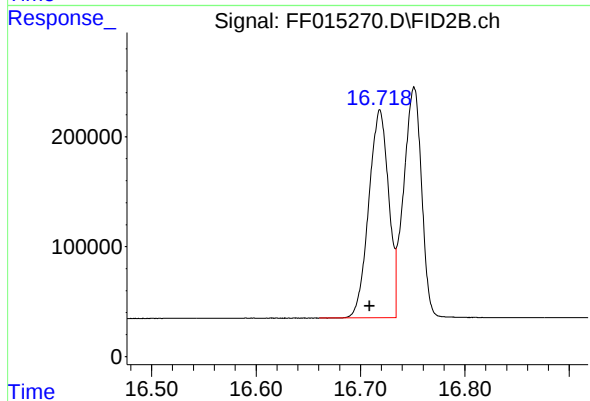
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.160 min
Delta R.T.: 0.009 min
Response: 2495827
Conc: 16.73 ug/ml



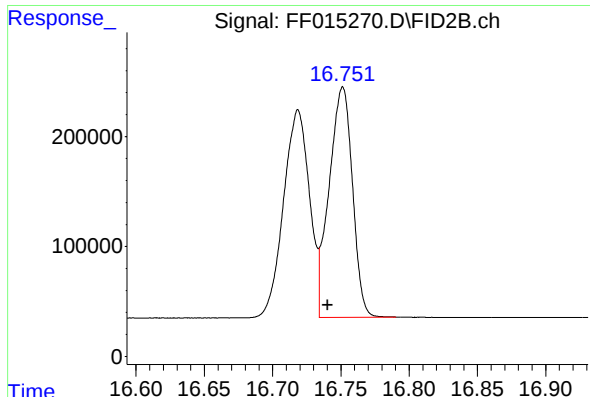
#15 Chrysene (C27.41)

R.T.: 15.203 min
Delta R.T.: 0.009 min
Response: 2512044
Conc: 16.17 ug/ml



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

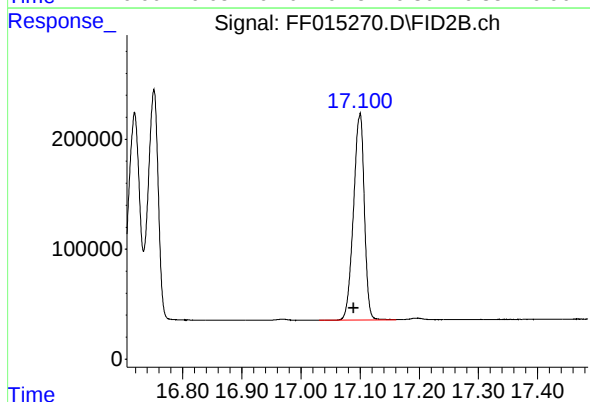
R.T.: 16.718 min
Delta R.T.: 0.010 min
Response: 2497926
Conc: 16.88 ug/ml



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

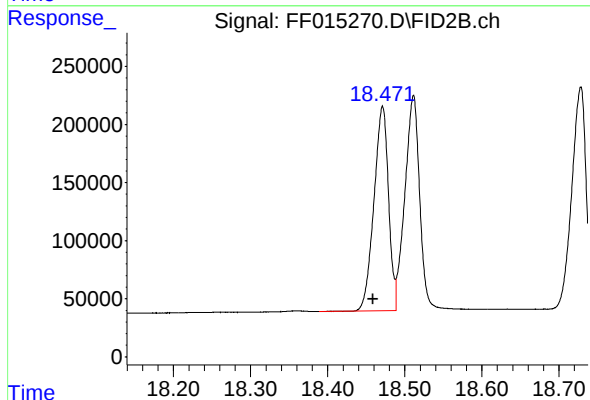
R.T.: 16.751 min
Delta R.T.: 0.011 min
Response: 2496357
Conc: 17.66 ug/ml

Instrument :
FID_F
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20 PPM AROMATIC HC STD



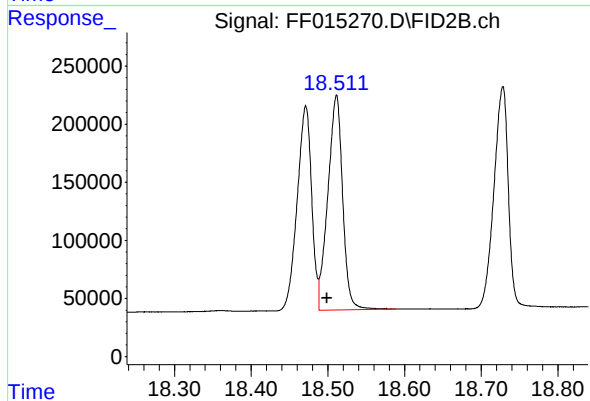
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.099 min
Delta R.T.: 0.010 min
Response: 2398245
Conc: 16.88 ug/ml



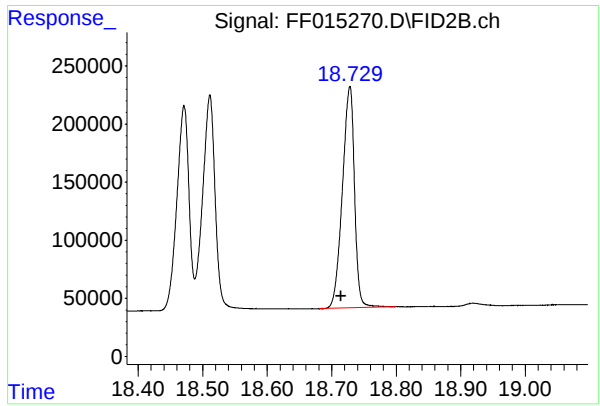
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.471 min
Delta R.T.: 0.013 min
Response: 2302351
Conc: 18.27 ug/ml



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

R.T.: 18.511 min
Delta R.T.: 0.012 min
Response: 2472882
Conc: 16.71 ug/ml



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

R.T.: 18.728 min

Delta R.T.: 0.013 min

Response: 2492486

Conc: 18.46 ug/ml

Instrument :

FID_F

ClientSampleId :

20 PPM AROMATIC HC STD