

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF123024AR\
 Data File : FF015211.D
 Signal(s) : FID2B.ch
 Acq On : 30 Dec 2024 13:07
 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: Dec 31 00:38:07 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 122024.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 20 13:12:04 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...	7.983	2690747	20.050 ug/ml
Spiked Amount 50.000		Recovery =	40.10%
6) S 2-Fluorobiphenyl (SURR)	8.855	1832011	20.006 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.01%
11) S ortho-Terphenyl (SURR)	11.916	3013864	20.007 ug/ml
Spiked Amount 50.000		Recovery =	40.01%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.597	2968368	20.276 ug/ml
2) T Naphthalene (C11.7)	6.263	3059360	20.207 ug/ml
3) T 2-Methylnaphthalene (...)	7.357	2978654	20.121 ug/ml
5) T Acenaphthylene (C15.06)	8.656	3048539	20.065 ug/ml
7) T Acenaphthene (C15.5)	8.955	2970489	20.211 ug/ml
8) T Fluorene (C16.55)	9.743	2990325	19.903 ug/ml
9) T Phenanthrene (C19.36)	11.147	2915513	19.856 ug/ml
10) T Anthracene (C19.43)	11.222	2869378	19.858 ug/ml
12) T Fluoranthene (C21.85)	12.964	2944814	20.008 ug/ml
13) T Pyrene (C20.8)	13.263	2929066	20.081 ug/ml
14) T Benzo[a]anthracene (C...	15.140	2750225	19.586 ug/ml
15) T Chrysene (C27.41)	15.182	2776442	19.778 ug/ml
16) T benzo[b]fluoranthene ...	16.696	2753928	19.947 ug/ml
17) T Bnezo[k]fluoranthene ...	16.728	2723452	19.789 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.075	2601514	19.857 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.442	2314733	19.044 ug/ml
20) T Dibenz[a,h]anthracene...	18.484	2451686	18.334 ug/ml
21) T Benzo[g,h,i]perylene ...	18.700	2561608	19.885 ug/ml

(f)=RT Delta > 1/2 Window

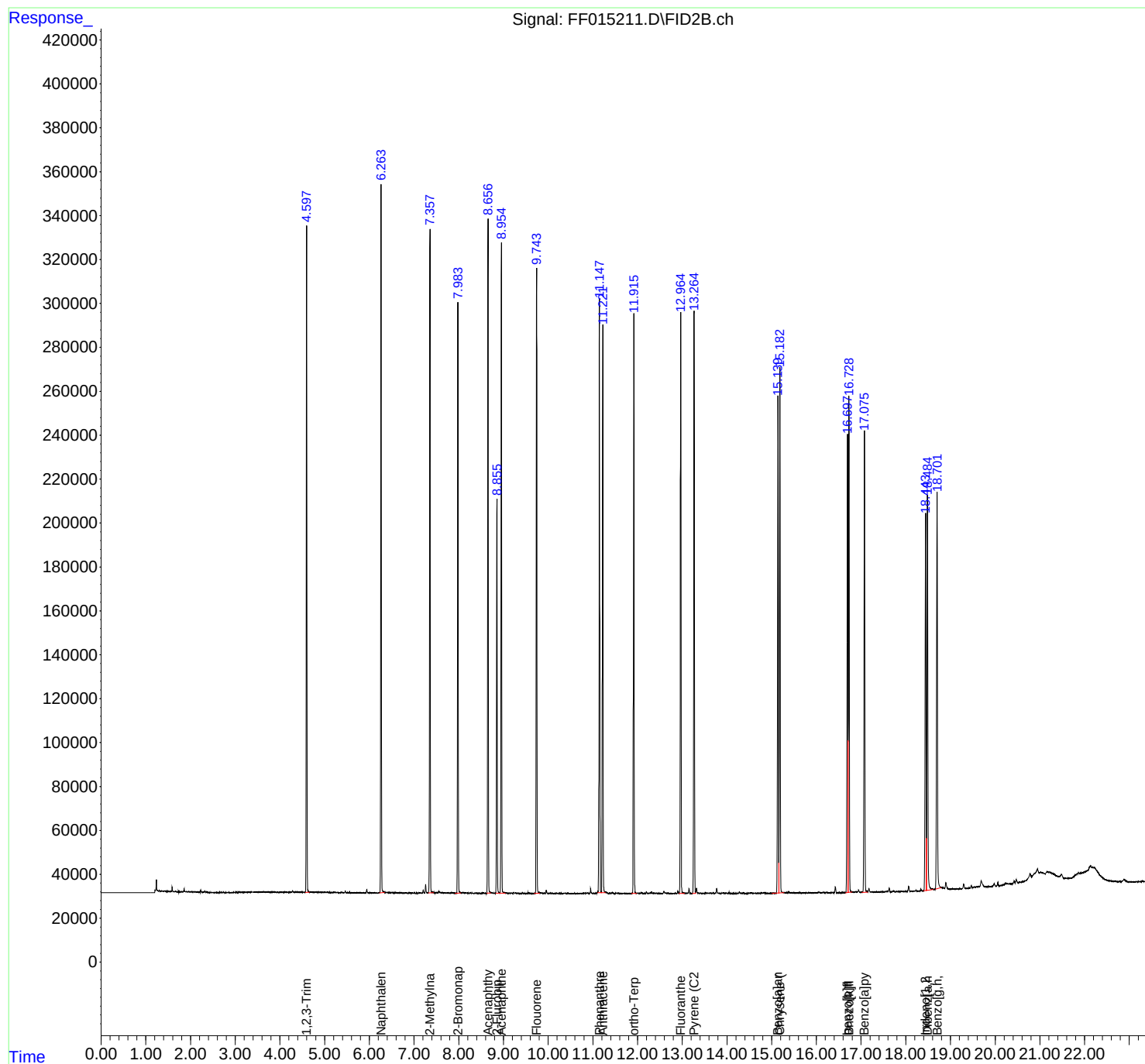
(m)=manual int.

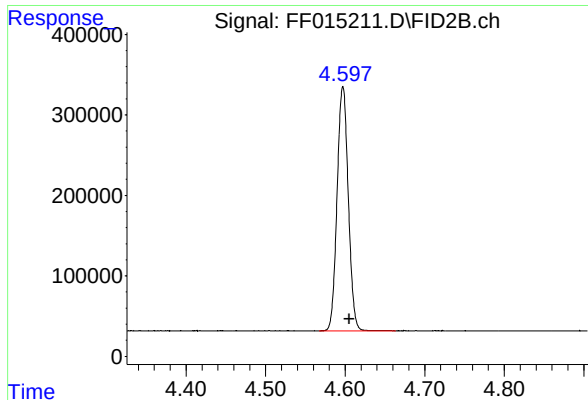
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF123024AR\
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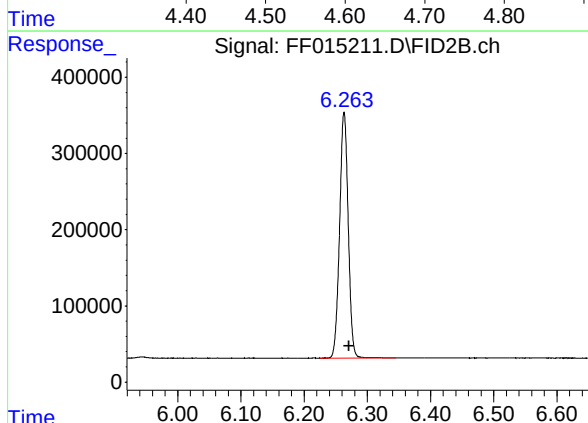




#1 1,2,3-Trimethylbenzene (C10.1)

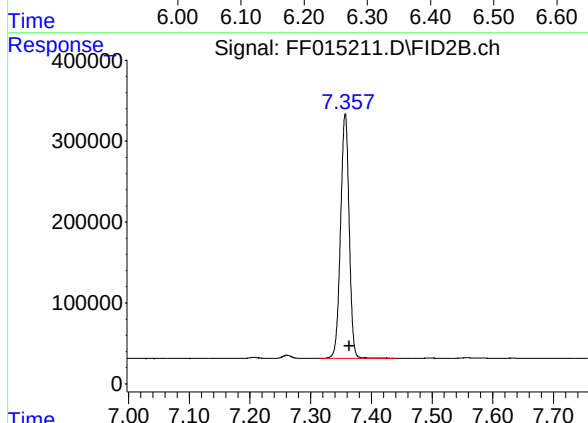
R.T.: 4.597 min
Delta R.T.: -0.008 min
Response: 2968368
Conc: 20.28 ug/ml

Instrument :
FID_F
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20 PPM AROMATIC HC STD



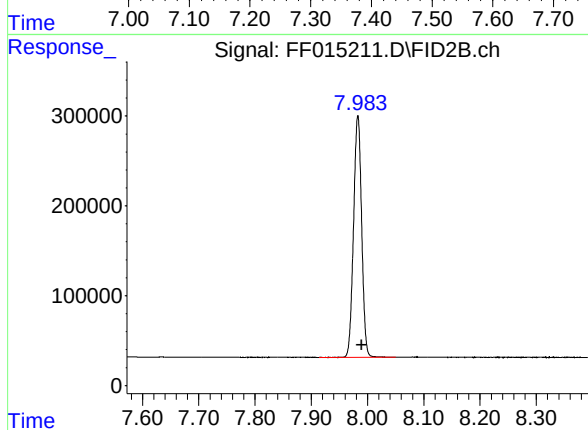
#2 Naphthalene (C11.7)

R.T.: 6.263 min
Delta R.T.: -0.007 min
Response: 3059360
Conc: 20.21 ug/ml



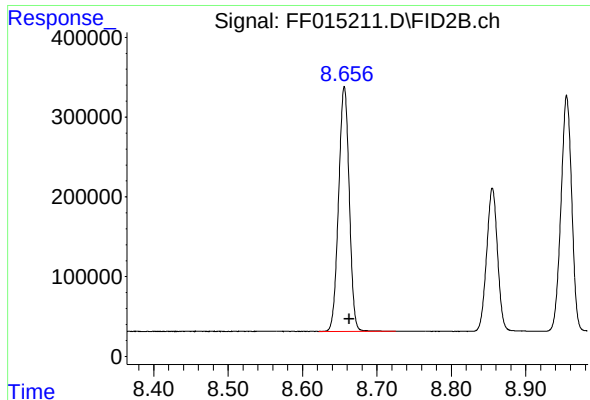
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.357 min
Delta R.T.: -0.007 min
Response: 2978654
Conc: 20.12 ug/ml



#4 2-Bromonaphthalene (SURR)

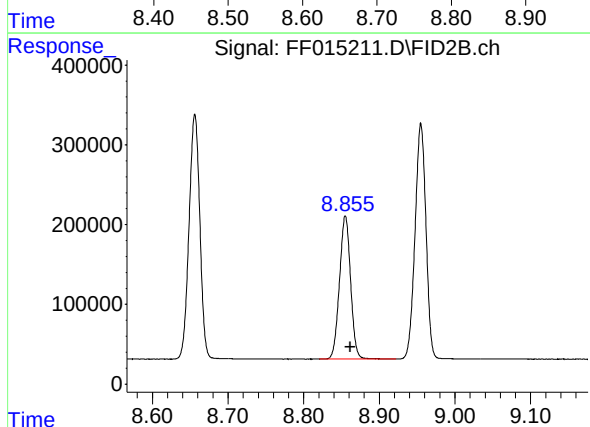
R.T.: 7.983 min
Delta R.T.: -0.007 min
Response: 2690747
Conc: 20.05 ug/ml



#5 Acenaphthylene (C15.06)

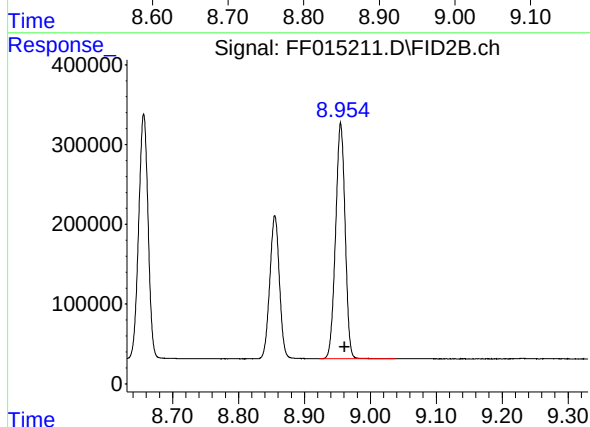
R.T.: 8.656 min
Delta R.T.: -0.006 min
Response: 3048539
Conc: 20.06 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD



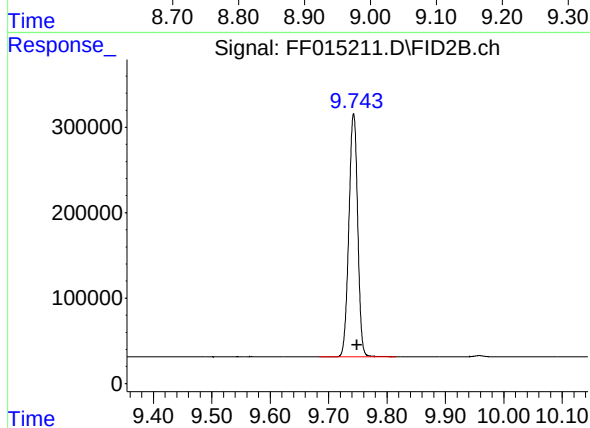
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.855 min
Delta R.T.: -0.007 min
Response: 1832011
Conc: 20.01 ug/ml



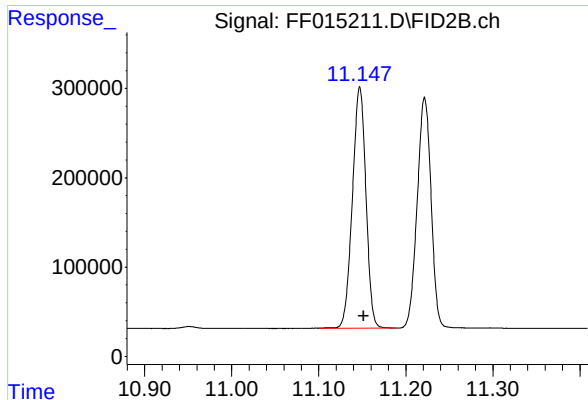
#7 Acenaphthene (C15.5)

R.T.: 8.955 min
Delta R.T.: -0.006 min
Response: 2970489
Conc: 20.21 ug/ml



#8 Flouorene (C16.55)

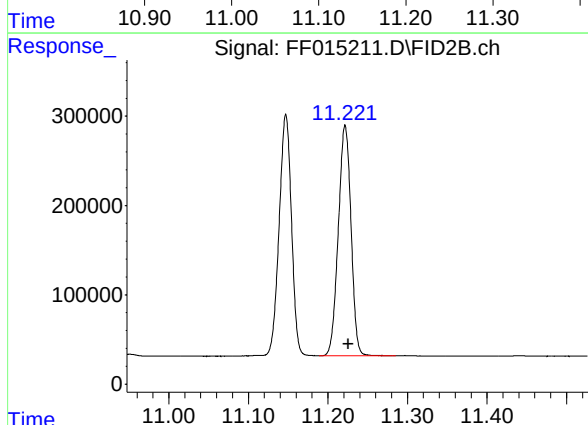
R.T.: 9.743 min
Delta R.T.: -0.006 min
Response: 2990325
Conc: 19.90 ug/ml



#9 Phenanthrene (C19.36)

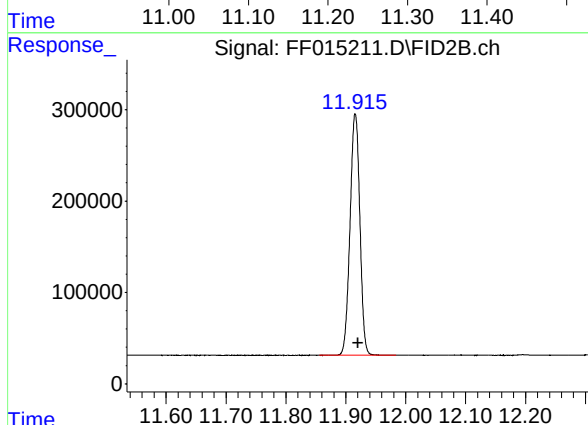
R.T.: 11.147 min
Delta R.T.: -0.004 min
Response: 2915513
Conc: 19.86 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



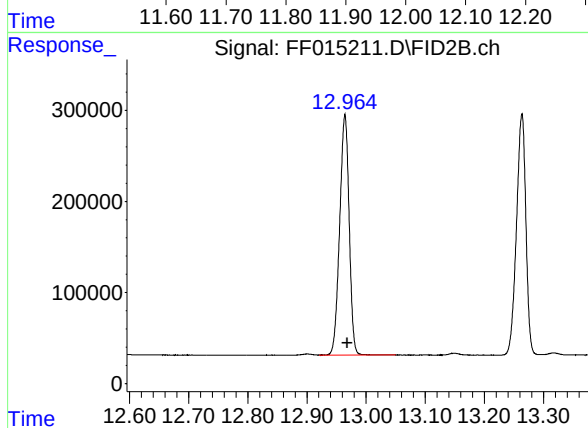
#10 Anthracene (C19.43)

R.T.: 11.222 min
Delta R.T.: -0.004 min
Response: 2869378
Conc: 19.86 ug/ml



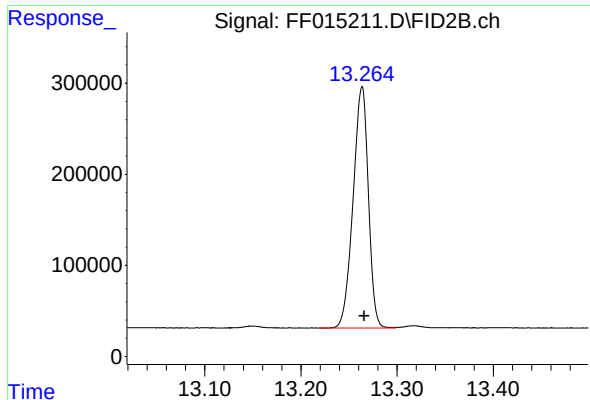
#11 ortho-Terphenyl (SURR)

R.T.: 11.916 min
Delta R.T.: -0.005 min
Response: 3013864
Conc: 20.01 ug/ml



#12 Fluoranthene (C21.85)

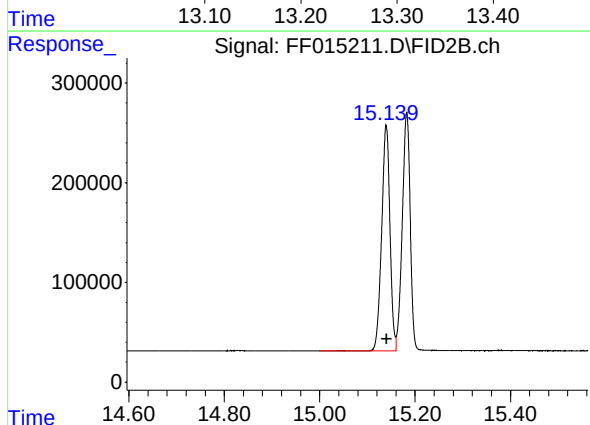
R.T.: 12.964 min
Delta R.T.: -0.004 min
Response: 2944814
Conc: 20.01 ug/ml



#13 Pyrene (C20.8)

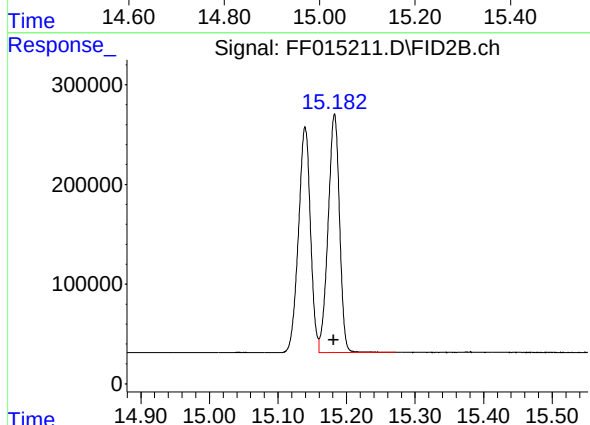
R.T.: 13.263 min
Delta R.T.: -0.002 min
Response: 2929066
Conc: 20.08 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



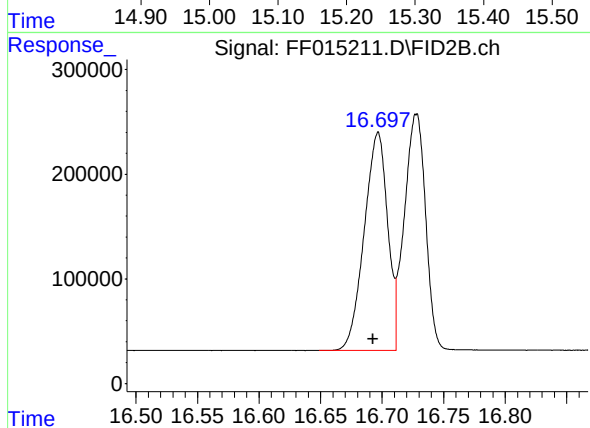
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.140 min
Delta R.T.: 0.000 min
Response: 2750225
Conc: 19.59 ug/ml



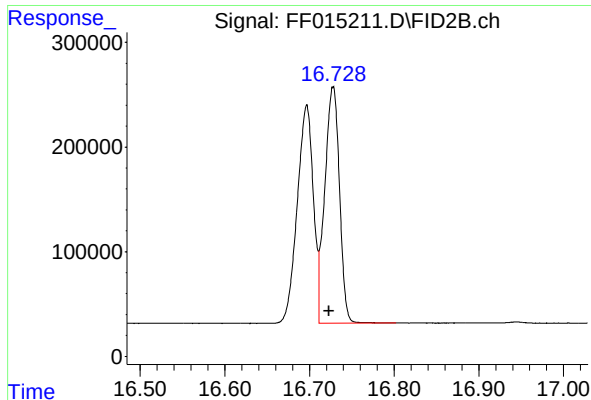
#15 Chrysene (C27.41)

R.T.: 15.182 min
Delta R.T.: 0.000 min
Response: 2776442
Conc: 19.78 ug/ml



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

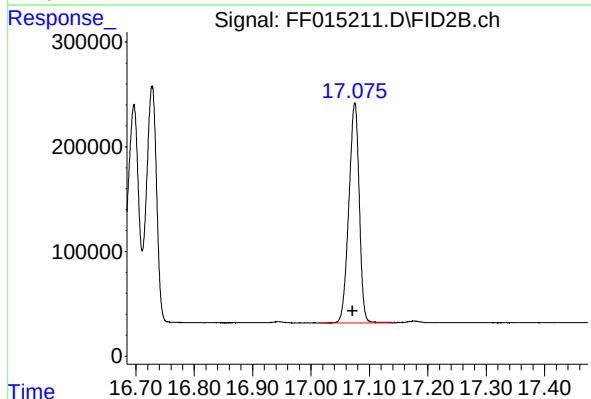
R.T.: 16.696 min
Delta R.T.: 0.004 min
Response: 2753928
Conc: 19.95 ug/ml



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

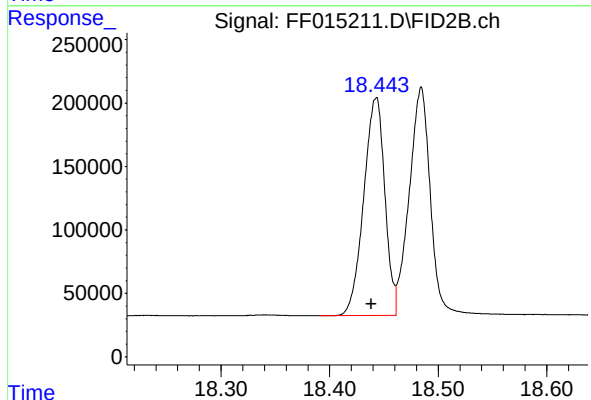
R.T.: 16.728 min
Delta R.T.: 0.005 min
Response: 2723452
Conc: 19.79 ug/ml

Instrument :
FID_F
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20 PPM AROMATIC HC STD



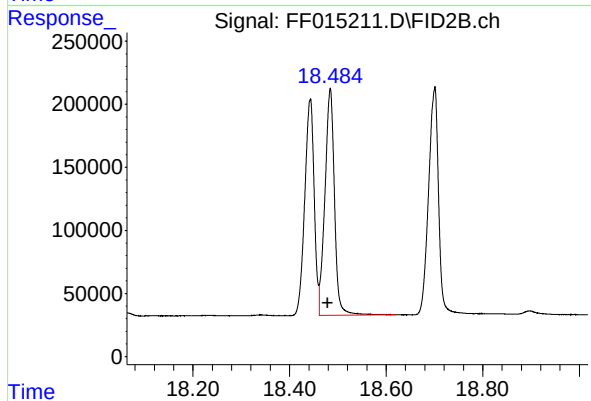
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.075 min
Delta R.T.: 0.003 min
Response: 2601514
Conc: 19.86 ug/ml



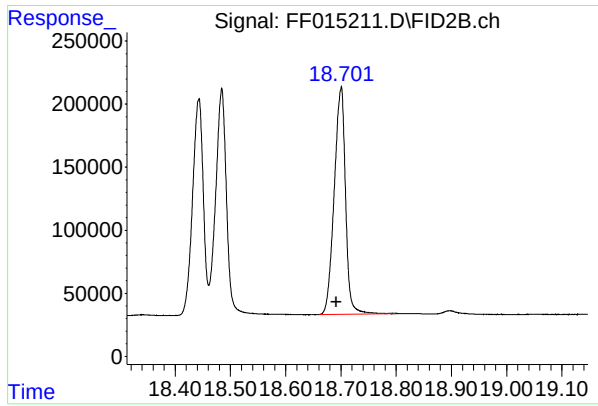
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.442 min
Delta R.T.: 0.004 min
Response: 2314733
Conc: 19.04 ug/ml



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

R.T.: 18.484 min
Delta R.T.: 0.005 min
Response: 2451686
Conc: 18.33 ug/ml



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

R.T.: 18.700 min

Delta R.T.: 0.008 min

Response: 2561608

Conc: 19.89 ug/ml

Instrument :

FID_F

ClientSampleId :

20 PPM AROMATIC HC STD