

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF011425AR\
 Data File : FF015243.D
 Signal(s) : FID2B.ch
 Acq On : 14 Jan 2025 21:35
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD ICV
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM AROMATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Jan 15 07:06:29 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...	7.989	2755908	20.878 ug/ml
Spiked Amount 50.000		Recovery =	41.76%
6) S 2-Fluorobiphenyl (SURR)	8.862	1779655	21.084 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.17%
11) S ortho-Terphenyl (SURR)	11.924	3509808	20.389 ug/ml
Spiked Amount 50.000		Recovery =	40.78%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.602	3295617	20.546 ug/ml
2) T Naphthalene (C11.7)	6.269	3305467	20.616 ug/ml
3) T 2-Methylnaphthalene (...)	7.363	3298655	20.744 ug/ml
5) T Acenaphthylene (C15.06)	8.662	3308026	20.818 ug/ml
7) T Acenaphthene (C15.5)	8.961	3385425	20.762 ug/ml
8) T Fluorene (C16.55)	9.750	3261470	20.714 ug/ml
9) T Phenanthrene (C19.36)	11.154	3284454	20.571 ug/ml
10) T Anthracene (C19.43)	11.229	3029323	20.518 ug/ml
12) T Fluoranthene (C21.85)	12.974	3368840	20.364 ug/ml
13) T Pyrene (C20.8)	13.272	3319182	20.492 ug/ml
14) T Benzo[a]anthracene (C...	15.152	3058267	20.500 ug/ml
15) T Chrysene (C27.41)	15.194	3159259	20.339 ug/ml
16) T benzo[b]fluoranthene ...	16.708	3049657	20.608 ug/ml
17) T Bnezo[k]fluoranthene ...	16.741	2880053	20.370 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.089	2916807	20.529 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.459	2591702	20.568 ug/ml
20) T Dibenz[a,h]anthracene...	18.500	3059657	20.680 ug/ml
21) T Benzo[g,h,i]perylene ...	18.715	2761955	20.460 ug/ml

(f)=RT Delta > 1/2 Window

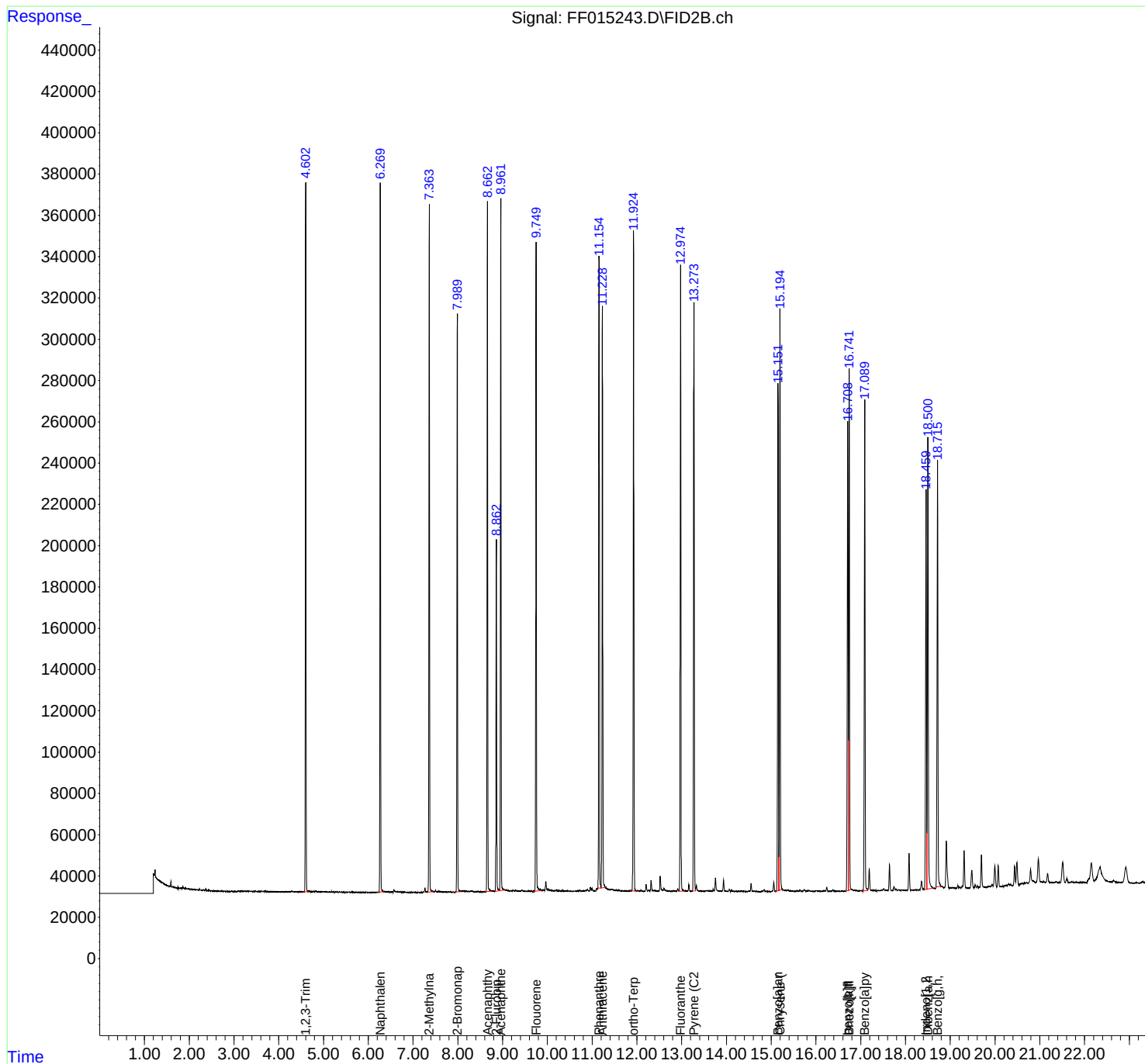
(m)=manual int.

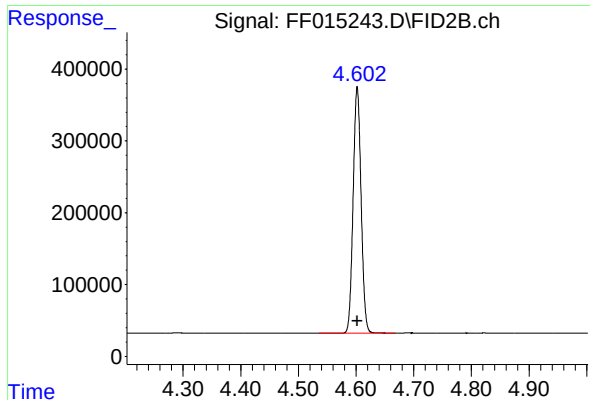
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#1 1,2,3-Trimethylbenzene (C10.1)

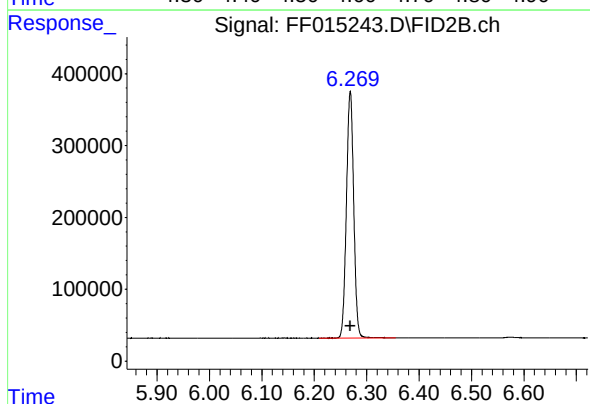
R.T.: 4.602 min
Delta R.T.: 0.000 min
Response: 3295617
Conc: 20.55 ug/ml

Instrument :

FID_F

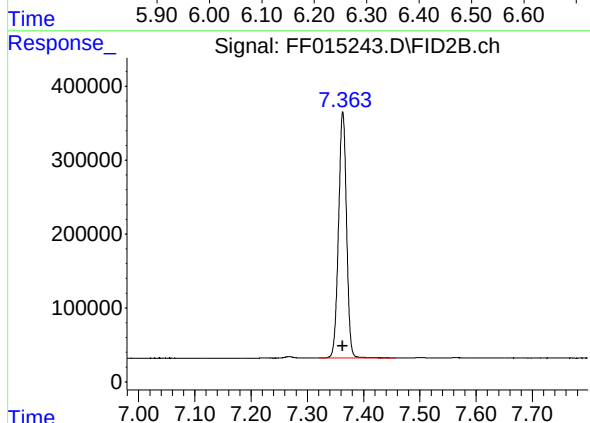
ClientSampleId :

20 PPM AROMATIC HC STD ICV



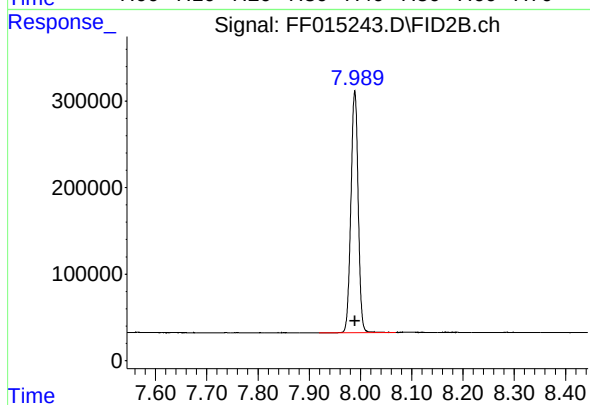
#2 Naphthalene (C11.7)

R.T.: 6.269 min
Delta R.T.: 0.000 min
Response: 3305467
Conc: 20.62 ug/ml



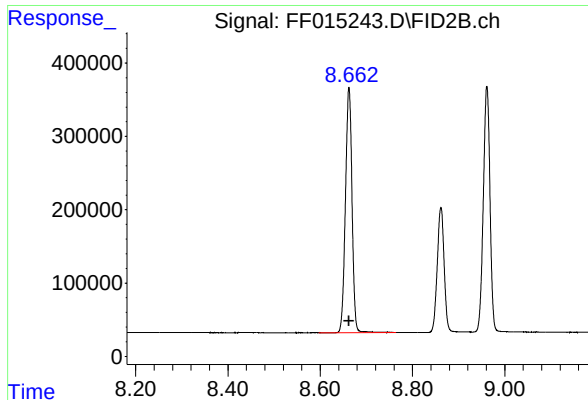
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.363 min
Delta R.T.: 0.000 min
Response: 3298655
Conc: 20.74 ug/ml



#4 2-Bromonaphthalene (SURR)

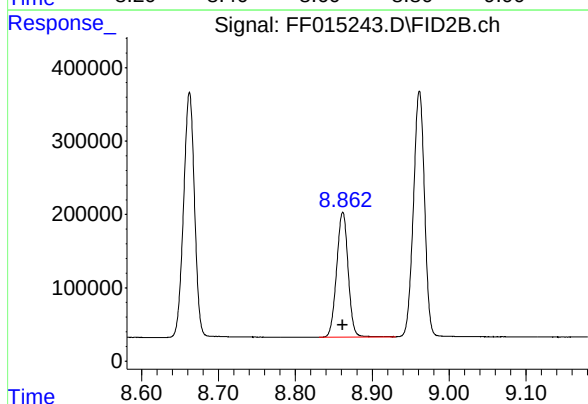
R.T.: 7.989 min
Delta R.T.: 0.000 min
Response: 2755908
Conc: 20.88 ug/ml



#5 Acenaphthylene (C15.06)

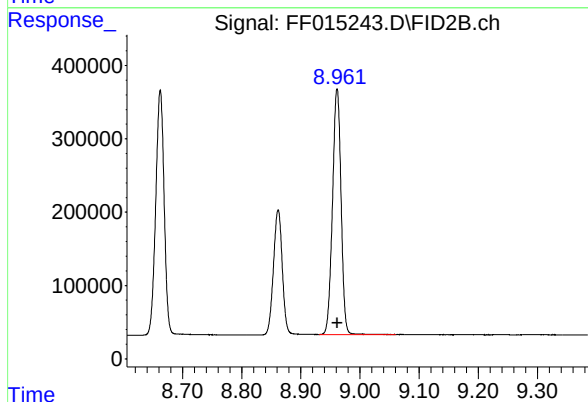
R.T.: 8.662 min
Delta R.T.: 0.000 min
Response: 3308026
Conc: 20.82 ug/ml

Instrument :
FID_F
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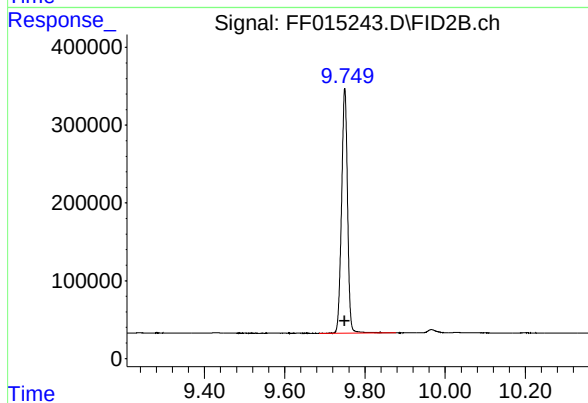
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.862 min
Delta R.T.: 0.000 min
Response: 1779655
Conc: 21.08 ug/ml



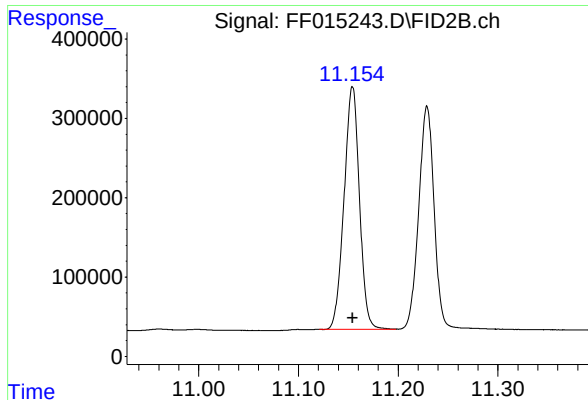
#7 Acenaphthene (C15.5)

R.T.: 8.961 min
Delta R.T.: 0.000 min
Response: 3385425
Conc: 20.76 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.750 min
Delta R.T.: 0.000 min
Response: 3261470
Conc: 20.71 ug/ml



#9 Phenanthrene (C19.36)

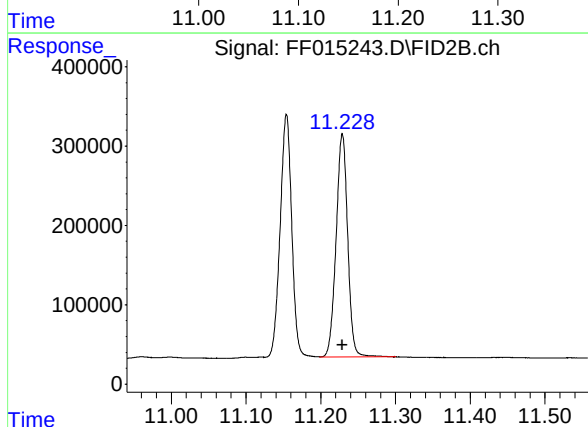
R.T.: 11.154 min
Delta R.T.: 0.000 min
Response: 3284454
Conc: 20.57 ug/ml

Instrument :

FID_F

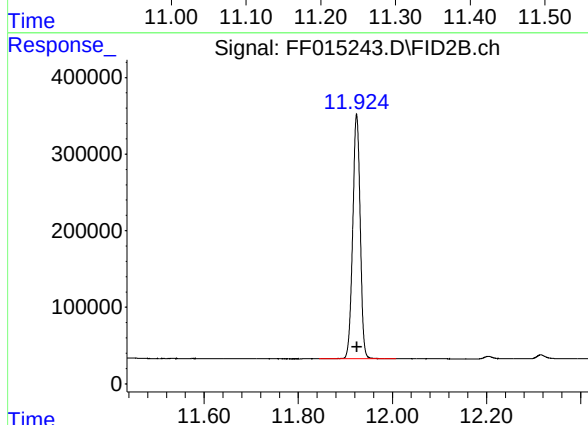
ClientSampleId :

20 PPM AROMATIC HC STD ICV



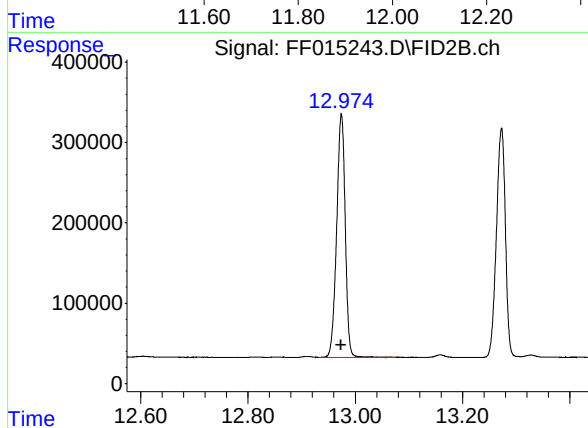
#10 Anthracene (C19.43)

R.T.: 11.229 min
Delta R.T.: 0.000 min
Response: 3029323
Conc: 20.52 ug/ml



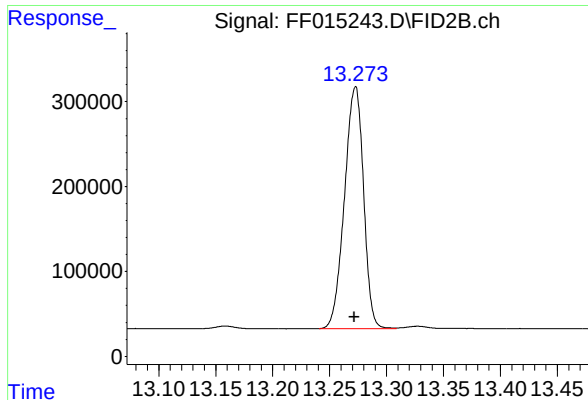
#11 ortho-Terphenyl (SURRE)

R.T.: 11.924 min
Delta R.T.: 0.000 min
Response: 3509808
Conc: 20.39 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.974 min
Delta R.T.: 0.000 min
Response: 3368840
Conc: 20.36 ug/ml



#13 Pyrene (C20.8)

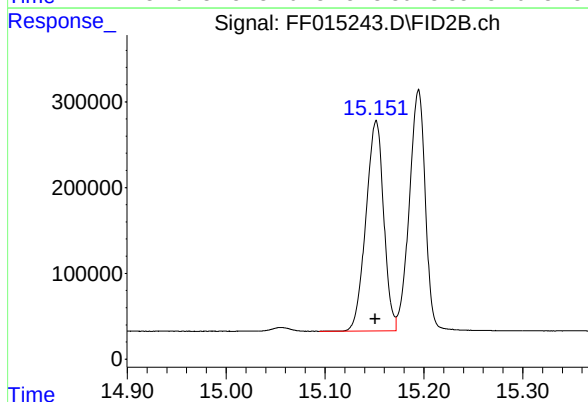
R.T.: 13.272 min
Delta R.T.: 0.000 min
Response: 3319182
Conc: 20.49 ug/ml

Instrument :

FID_F

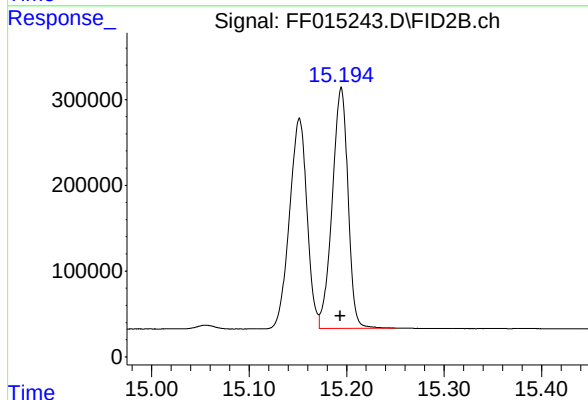
ClientSampleId :

20 PPM AROMATIC HC STD ICV



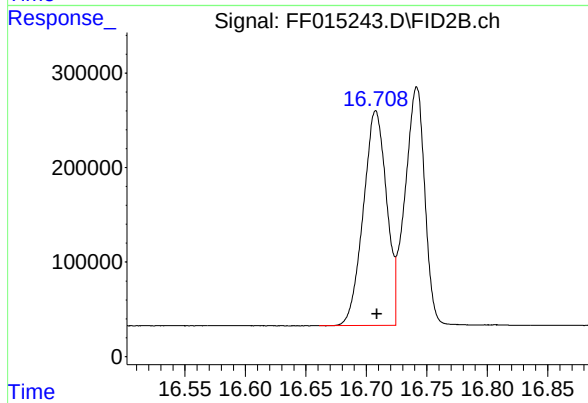
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.152 min
Delta R.T.: 0.000 min
Response: 3058267
Conc: 20.50 ug/ml



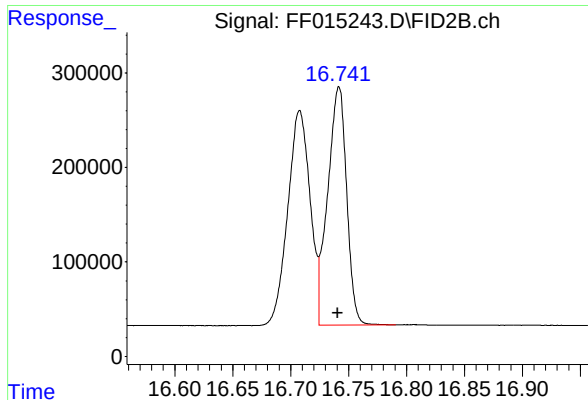
#15 Chrysene (C27.41)

R.T.: 15.194 min
Delta R.T.: 0.000 min
Response: 3159259
Conc: 20.34 ug/ml



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

R.T.: 16.708 min
Delta R.T.: 0.000 min
Response: 3049657
Conc: 20.61 ug/ml



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

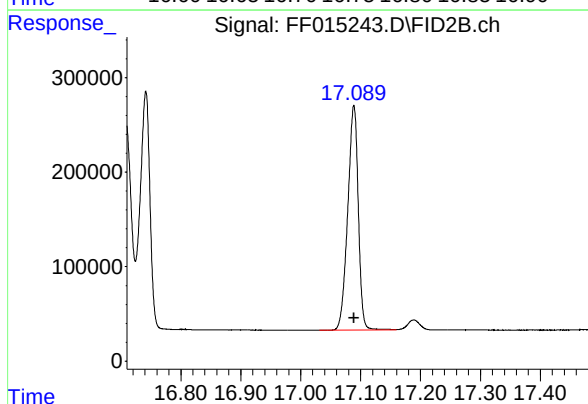
R.T.: 16.741 min
Delta R.T.: 0.000 min
Response: 2880053
Conc: 20.37 ug/ml

Instrument :

FID_F

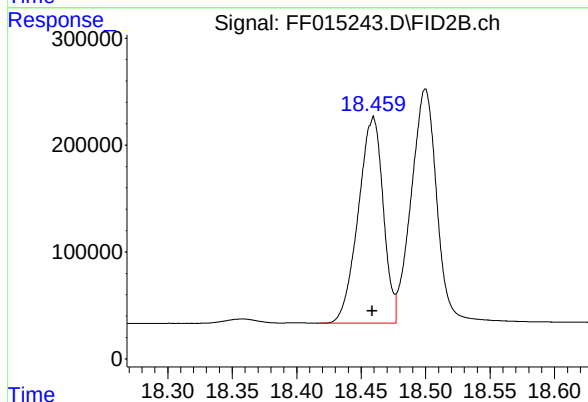
ClientSampleId :

20 PPM AROMATIC HC STD ICV



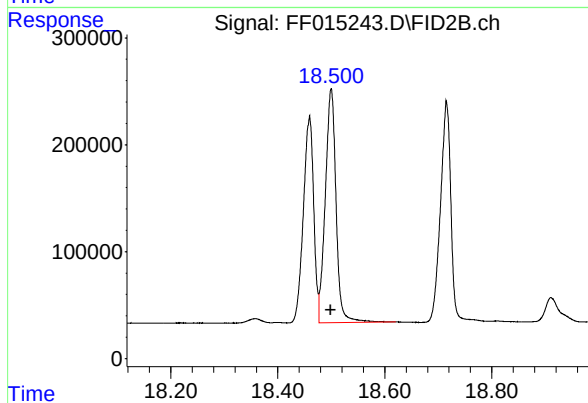
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.089 min
Delta R.T.: 0.000 min
Response: 2916807
Conc: 20.53 ug/ml



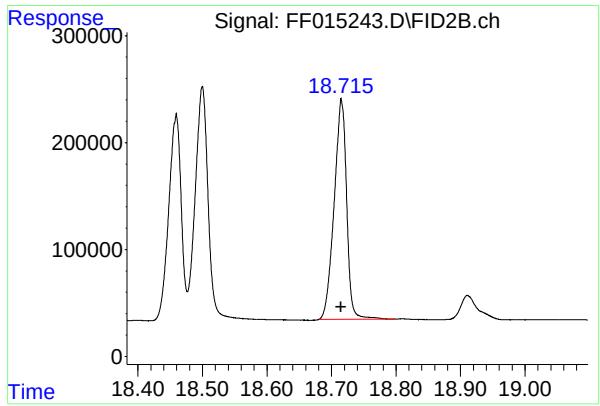
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.459 min
Delta R.T.: 0.000 min
Response: 2591702
Conc: 20.57 ug/ml



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

R.T.: 18.500 min
Delta R.T.: 0.000 min
Response: 3059657
Conc: 20.68 ug/ml



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

R.T.: 18.715 min
Delta R.T.: 0.000 min
Response: 2761955
Conc: 20.46 ug/ml

Instrument :

FID_F

ClientSampleId :

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