

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF031125AR\
 Data File : FF015651.D
 Signal(s) : FID2B.ch
 Acq On : 11 Mar 2025 11:15
 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: Mar 12 01:14:56 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 022625.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 26 12:36:06 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...	7.997	2475192	21.262 ug/ml
Spiked Amount 50.000		Recovery =	42.52%
6) S 2-Fluorobiphenyl (SURR)	8.876	1491199	20.934 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.87%
11) S ortho-Terphenyl (SURR)	11.932	2999533	20.391 ug/ml
Spiked Amount 50.000		Recovery =	40.78%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.604	2768278	21.443 ug/ml
2) T Naphthalene (C11.7)	6.275	2708753	21.224 ug/ml
3) T 2-Methylnaphthalene (...)	7.371	2692239	21.263 ug/ml
5) T Acenaphthylene (C15.06)	8.672	2911700	20.599 ug/ml
7) T Acenaphthene (C15.5)	8.969	2996074	21.036 ug/ml
8) T Fluorene (C16.55)	9.761	2815699	21.161 ug/ml
9) T Phenanthrene (C19.36)	11.168	2685861	20.648 ug/ml
10) T Anthracene (C19.43)	11.245	2513157	20.065 ug/ml
12) T Fluoranthene (C21.85)	12.991	2846471	20.156 ug/ml
13) T Pyrene (C20.8)	13.290	2894808	20.136 ug/ml
14) T Benzo[a]anthracene (C...	15.175	2337797	19.902 ug/ml
15) T Chrysene (C27.41)	15.215	2882911	19.301 ug/ml
16) T benzo[b]fluoranthene ...	16.735	2517238	19.328 ug/ml
17) T Bnezo[k]fluoranthene ...	16.766	2816906	18.878 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.119	2344568	18.475 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.494	1967619	19.223 ug/ml
20) T Dibenz[a,h]anthracene...	18.533	2670788	20.656 ug/ml
21) T Benzo[g,h,i]perylene ...	18.746	2447248	19.666 ug/ml

(f)=RT Delta > 1/2 Window

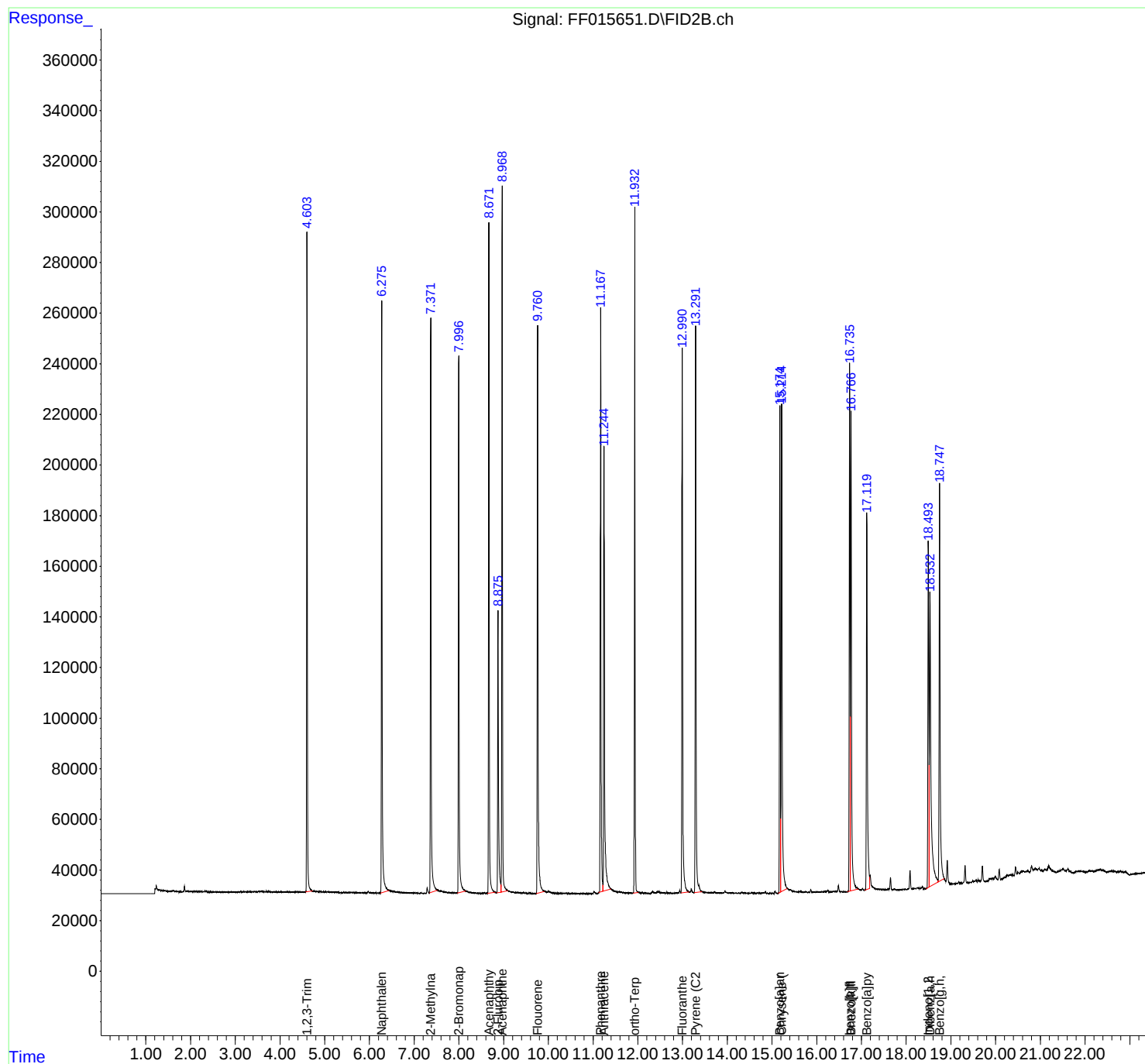
(m)=manual int.

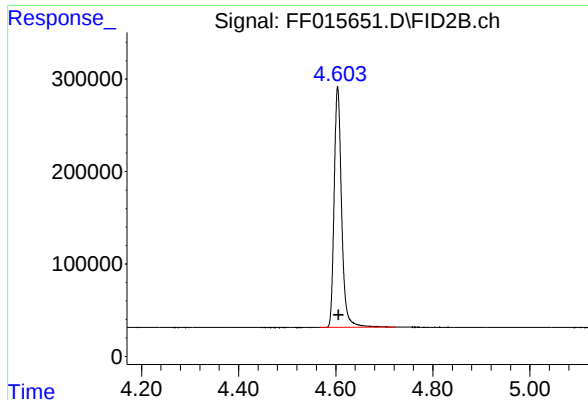
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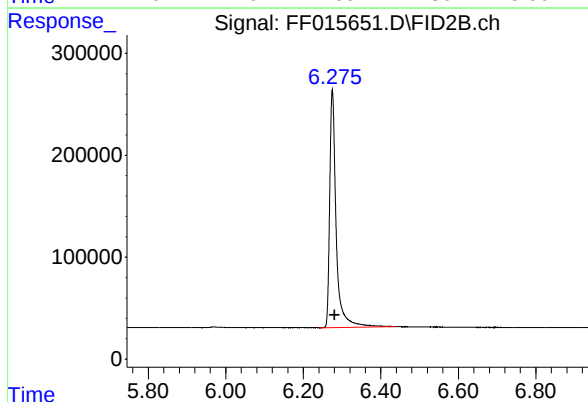




#1 1,2,3-Trimethylbenzene (C10.1)

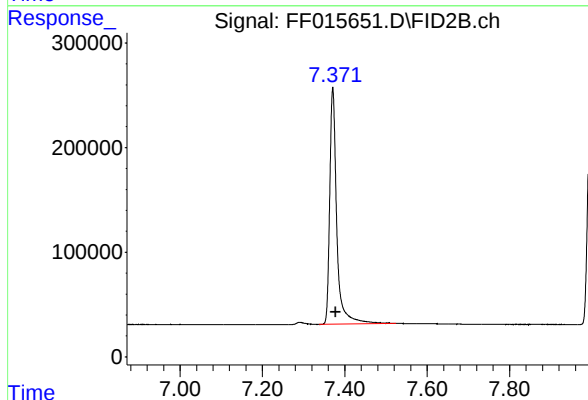
R.T.: 4.604 min
Delta R.T.: -0.002 min
Response: 2768278
Conc: 21.44 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD



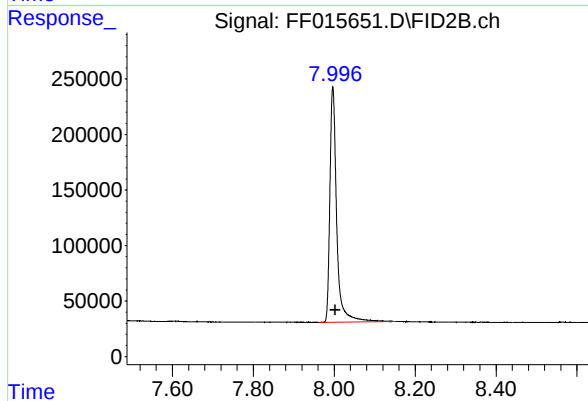
#2 Naphthalene (C11.7)

R.T.: 6.275 min
Delta R.T.: -0.006 min
Response: 2708753
Conc: 21.22 ug/ml



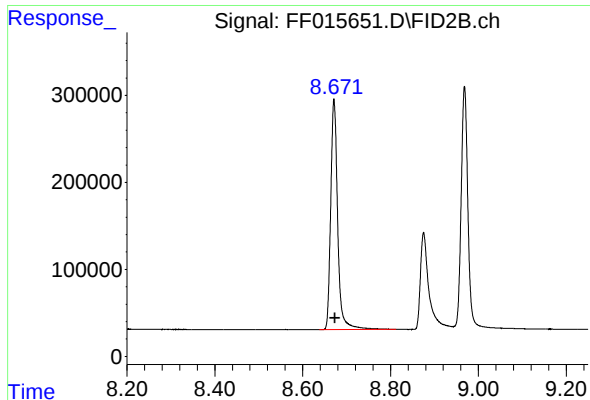
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.371 min
Delta R.T.: -0.007 min
Response: 2692239
Conc: 21.26 ug/ml



#4 2-Bromonaphthalene (SURR)

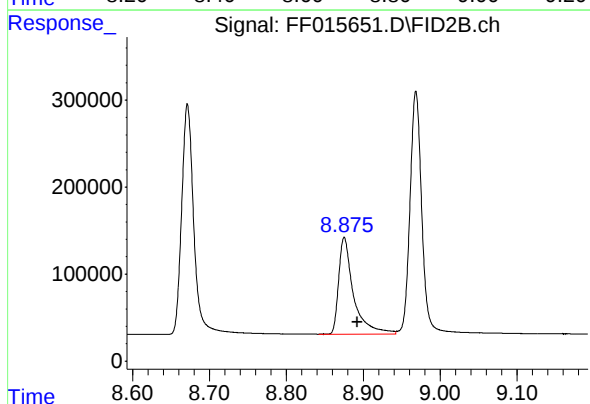
R.T.: 7.997 min
Delta R.T.: -0.006 min
Response: 2475192
Conc: 21.26 ug/ml



#5 Acenaphthylene (C15.06)

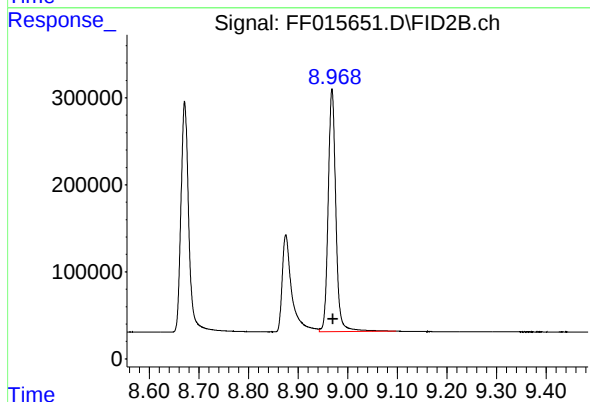
R.T.: 8.672 min
Delta R.T.: -0.003 min
Response: 2911700
Conc: 20.60 ug/ml

Instrument :
FID_F
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20 PPM AROMATIC HC STD



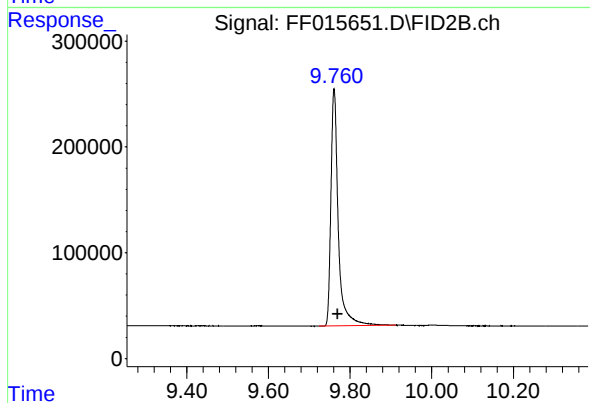
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.876 min
Delta R.T.: -0.016 min
Response: 1491199
Conc: 20.93 ug/ml



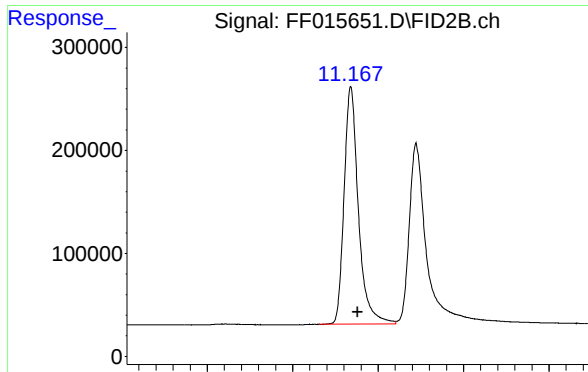
#7 Acenaphthene (C15.5)

R.T.: 8.969 min
Delta R.T.: -0.001 min
Response: 2996074
Conc: 21.04 ug/ml



#8 Flouorene (C16.55)

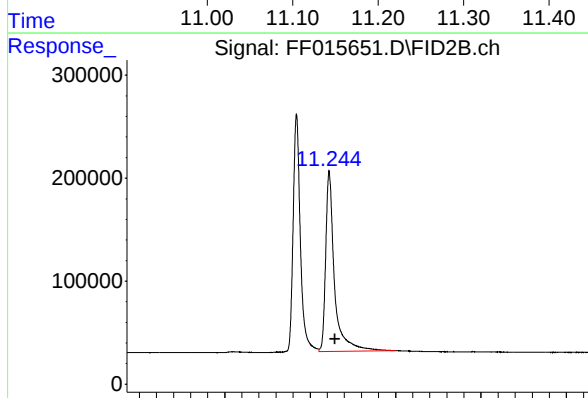
R.T.: 9.761 min
Delta R.T.: -0.008 min
Response: 2815699
Conc: 21.16 ug/ml



#9 Phenanthrene (C19.36)

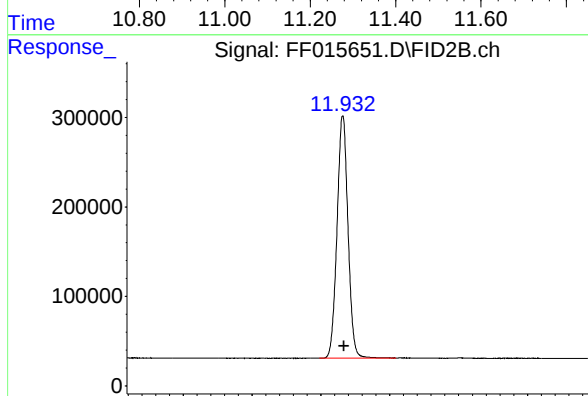
R.T.: 11.168 min
Delta R.T.: -0.008 min
Response: 2685861
Conc: 20.65 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD



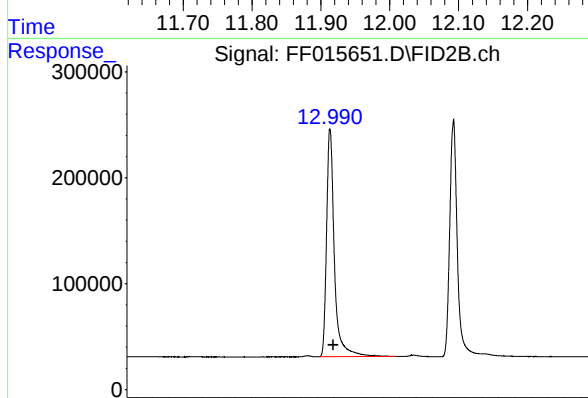
#10 Anthracene (C19.43)

R.T.: 11.245 min
Delta R.T.: -0.013 min
Response: 2513157
Conc: 20.06 ug/ml



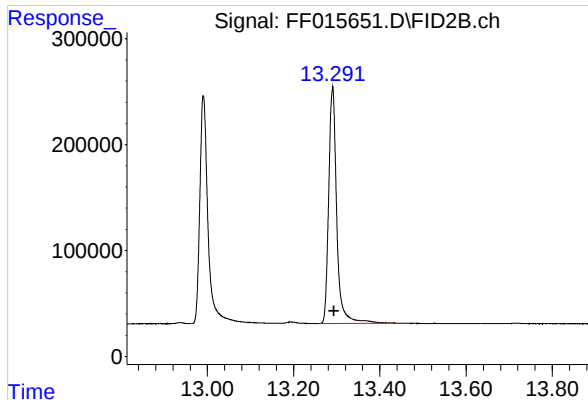
#11 ortho-Terphenyl (SURR)

R.T.: 11.932 min
Delta R.T.: -0.002 min
Response: 2999533
Conc: 20.39 ug/ml



#12 Fluoranthene (C21.85)

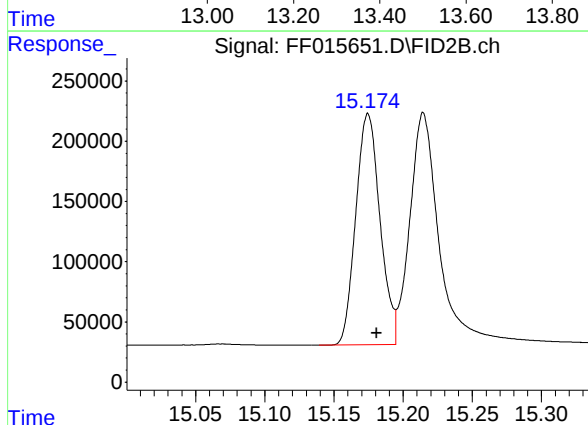
R.T.: 12.991 min
Delta R.T.: -0.007 min
Response: 2846471
Conc: 20.16 ug/ml



#13 Pyrene (C20.8)

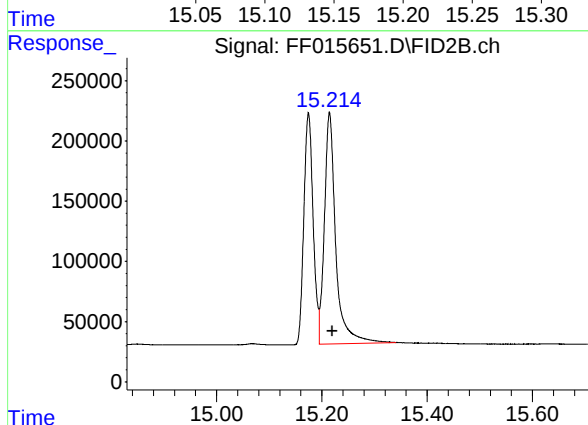
R.T.: 13.290 min
Delta R.T.: -0.004 min
Response: 2894808
Conc: 20.14 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



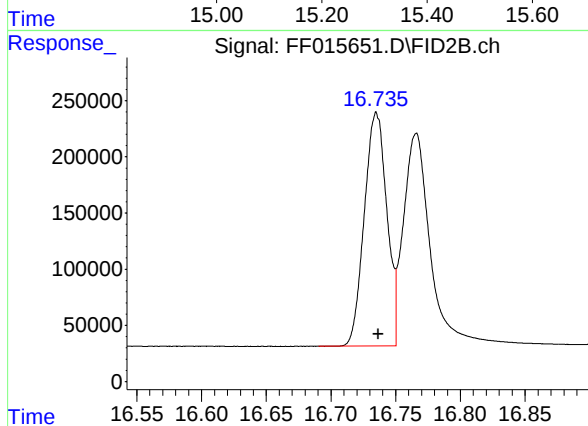
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.175 min
Delta R.T.: -0.006 min
Response: 2337797
Conc: 19.90 ug/ml



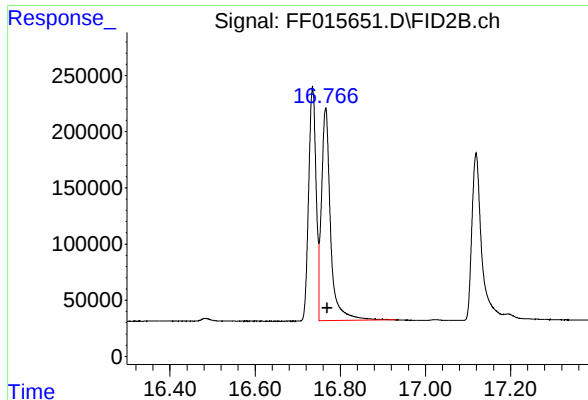
#15 Chrysene (C27.41)

R.T.: 15.215 min
Delta R.T.: -0.005 min
Response: 2882911
Conc: 19.30 ug/ml



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

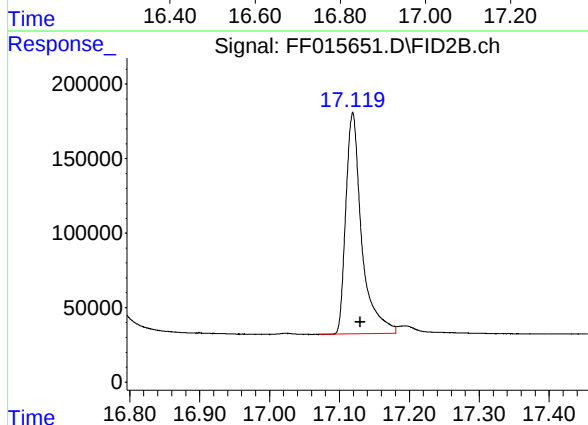
R.T.: 16.735 min
Delta R.T.: -0.002 min
Response: 2517238
Conc: 19.33 ug/ml



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

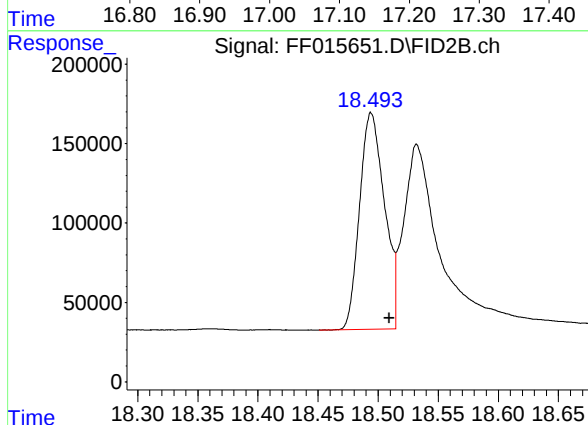
R.T.: 16.766 min
Delta R.T.: -0.004 min
Response: 2816906
Conc: 18.88 ug/ml

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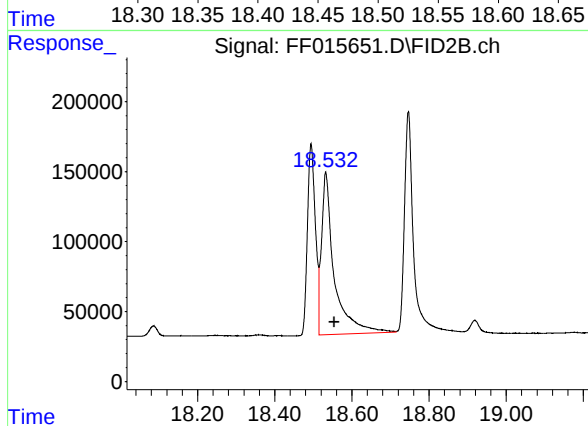
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.119 min
Delta R.T.: -0.011 min
Response: 2344568
Conc: 18.47 ug/ml



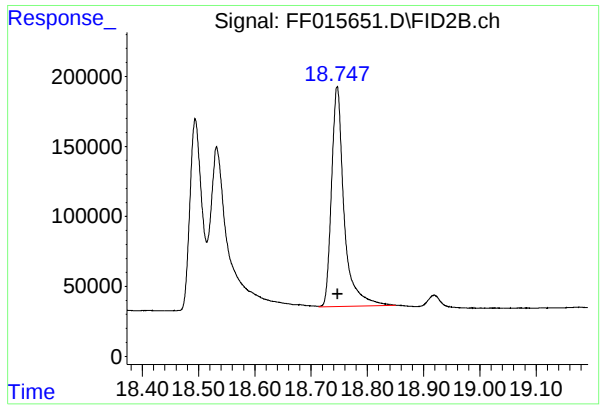
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.494 min
Delta R.T.: -0.015 min
Response: 1967619
Conc: 19.22 ug/ml



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

R.T.: 18.533 min
Delta R.T.: -0.023 min
Response: 2670788
Conc: 20.66 ug/ml



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

R.T.: 18.746 min
Delta R.T.: 0.000 min
Response: 2447248
Conc: 19.67 ug/ml

Instrument :

FID_F

ClientSampleId :

20 PPM AROMATIC HC STD