

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF020525AR\
 Data File : FF015476.D
 Signal(s) : FID2B.ch
 Acq On : 06 Feb 2025 00:17
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD3
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM AROMATIC HC STD3

Integration File: sample.E
 Quant Time: Feb 06 05:04:36 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 020525.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 06 05:02:08 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	2315654	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
6) S 2-Fluorobiphenyl (SURR)	8.872	1483515	20.000 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.00%
11) S ortho-Terphenyl (SURR)	11.934	2540058	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.607	2681578	20.000 ug/ml
2) T Naphthalene (C11.7)	6.276	2677265	20.000 ug/ml
3) T 2-Methylnaphthalene (...)	7.370	2577084	20.000 ug/ml
5) T Acenaphthylene (C15.06)	8.671	2622826	20.000 ug/ml
7) T Acenaphthene (C15.5)	8.970	2584855	20.000 ug/ml
8) T Fluorene (C16.55)	9.760	2513751	20.000 ug/ml
9) T Phenanthrene (C19.36)	11.166	2360869	20.000 ug/ml
10) T Anthracene (C19.43)	11.242	2329692	20.000 ug/ml
12) T Fluoranthene (C21.85)	12.988	2357152	20.000 ug/ml
13) T Pyrene (C20.8)	13.287	2364312	20.000 ug/ml
14) T Benzo[a]anthracene (C...	15.170	2140814	20.000 ug/ml
15) T Chrysene (C27.41)	15.212	2313046	20.000 ug/ml
16) T benzo[b]fluoranthene ...	16.731	2258933	20.000 ug/ml
17) T Bnezo[k]fluoranthene ...	16.762	2324033	20.000 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.112	2187759	20.000 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.485	2138844	20.000 ug/ml
20) T Dibenz[a,h]anthracene...	18.525	2446194	20.000 ug/ml
21) T Benzo[g,h,i]perylene ...	18.741	2494364	20.000 ug/ml

(f)=RT Delta > 1/2 Window

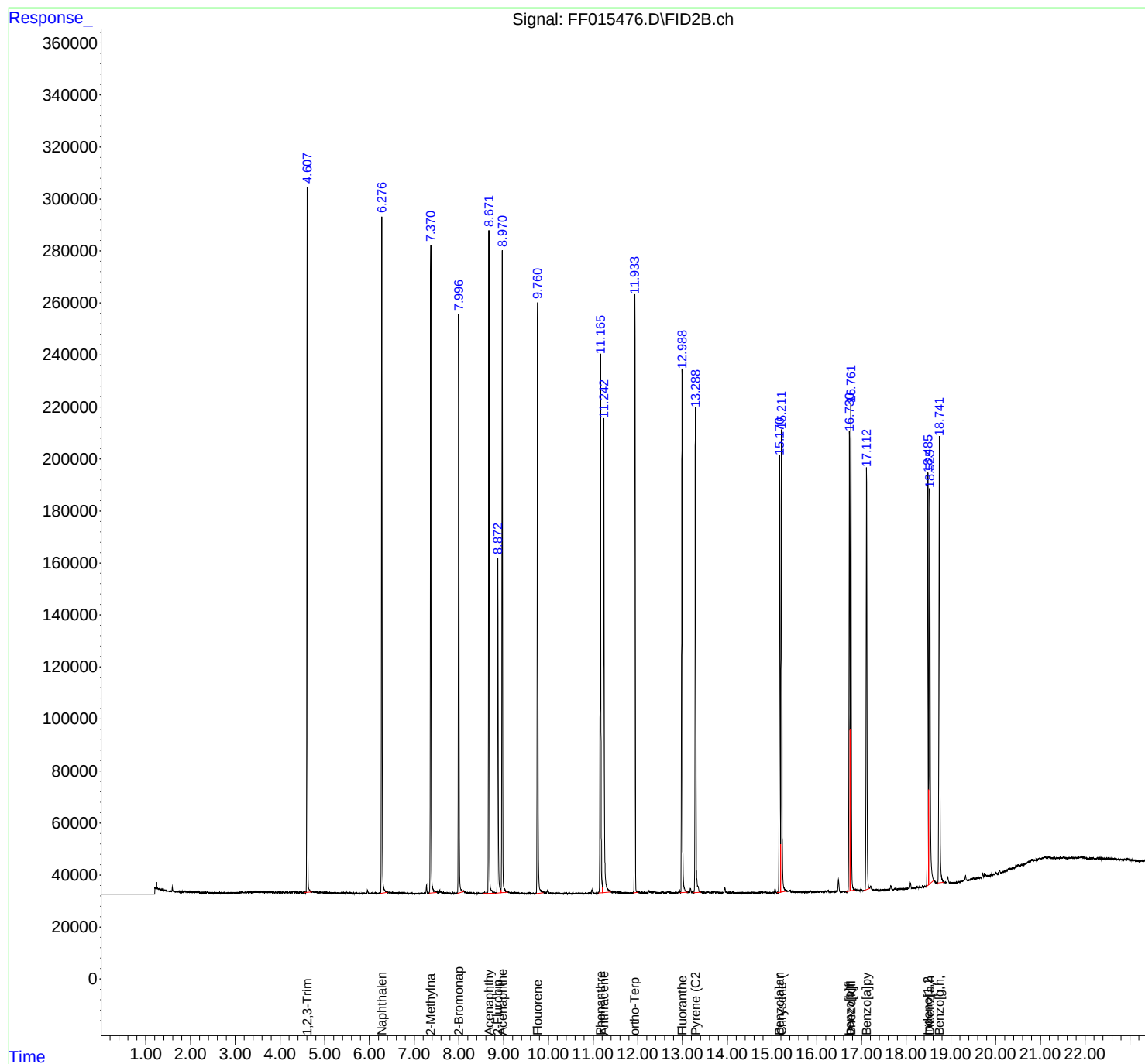
(m)=manual int.

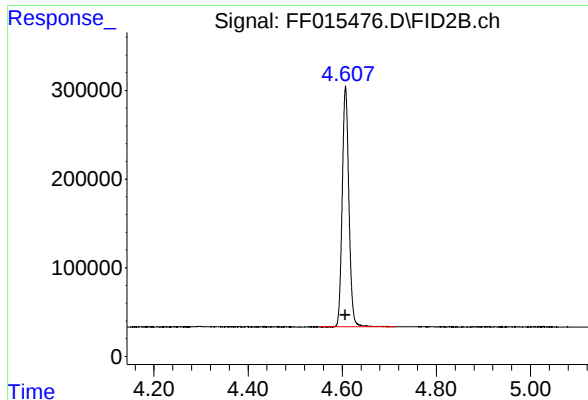
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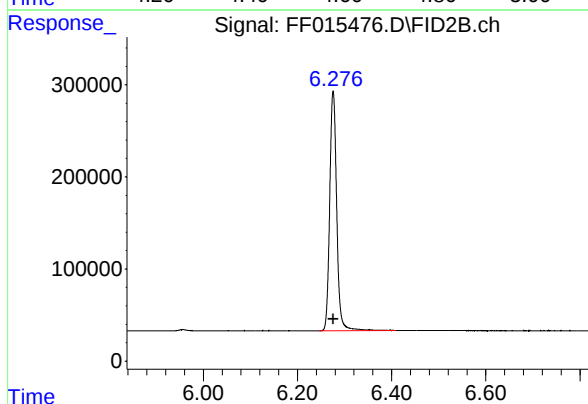




#1 1,2,3-Trimethylbenzene (C10.1)

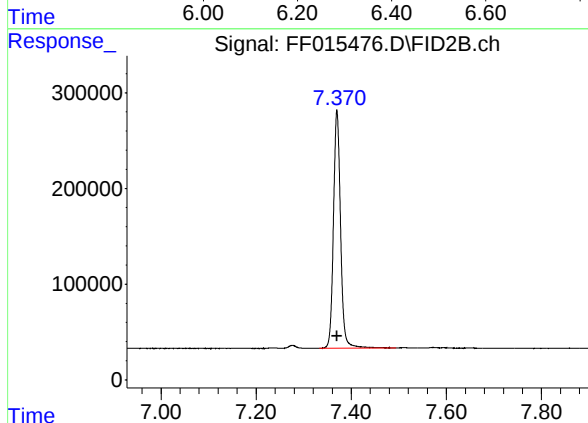
R.T.: 4.607 min
Delta R.T.: 0.000 min
Response: 2681578
Conc: 20.00 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD3



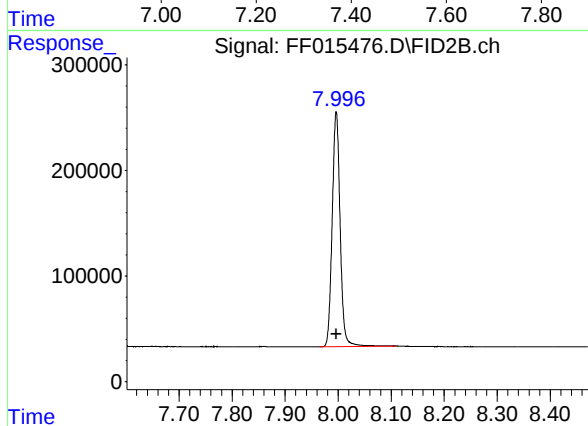
#2 Naphthalene (C11.7)

R.T.: 6.276 min
Delta R.T.: 0.000 min
Response: 2677265
Conc: 20.00 ug/ml



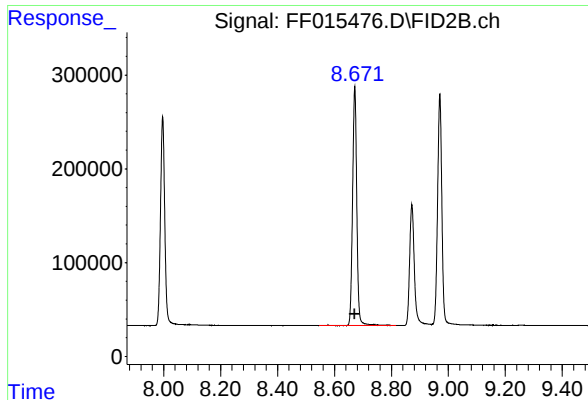
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.370 min
Delta R.T.: 0.000 min
Response: 2577084
Conc: 20.00 ug/ml



#4 2-Bromonaphthalene (SURR)

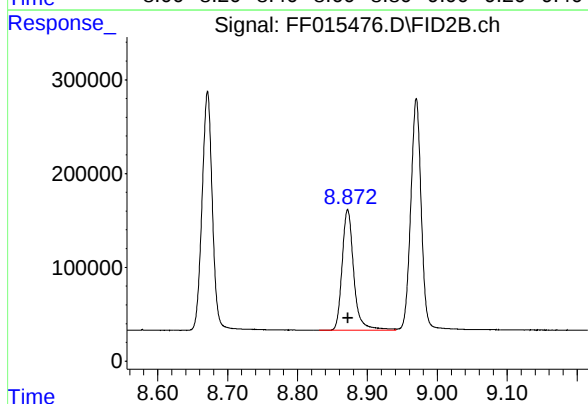
R.T.: 7.997 min
Delta R.T.: 0.000 min
Response: 2315654
Conc: 20.00 ug/ml



#5 Acenaphthylene (C15.06)

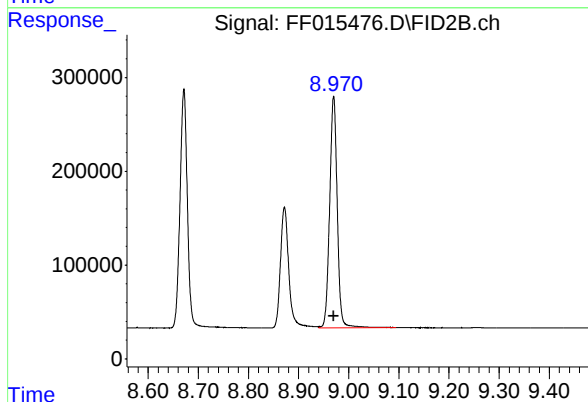
R.T.: 8.671 min
Delta R.T.: 0.000 min
Response: 2622826
Conc: 20.00 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD3



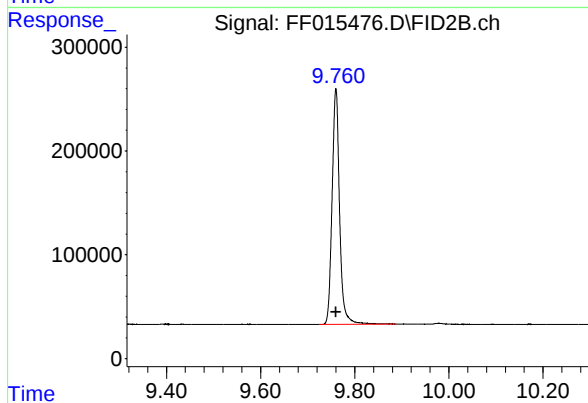
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.872 min
Delta R.T.: 0.000 min
Response: 1483515
Conc: 20.00 ug/ml



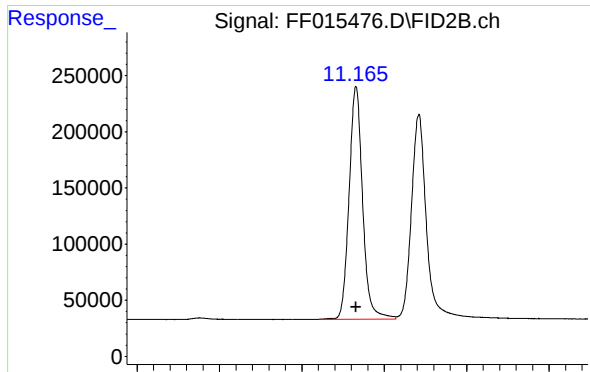
#7 Acenaphthene (C15.5)

R.T.: 8.970 min
Delta R.T.: 0.000 min
Response: 2584855
Conc: 20.00 ug/ml



#8 Flouorene (C16.55)

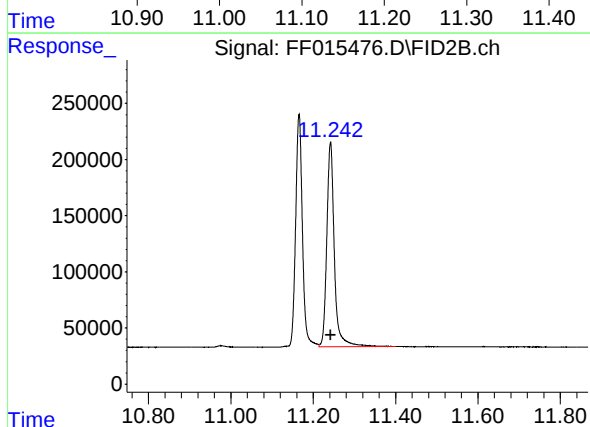
R.T.: 9.760 min
Delta R.T.: 0.000 min
Response: 2513751
Conc: 20.00 ug/ml



#9 Phenanthrene (C19.36)

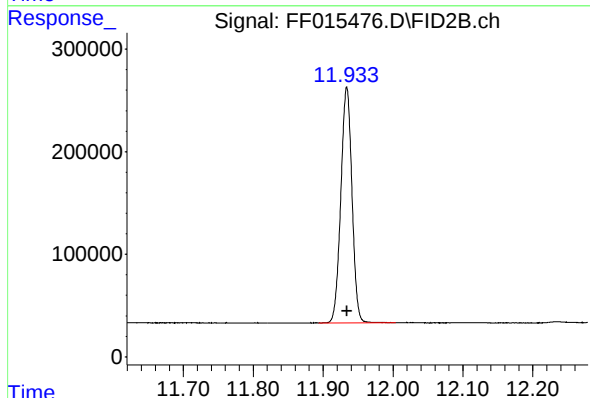
R.T.: 11.166 min
Delta R.T.: 0.000 min
Response: 2360869
Conc: 20.00 ug/ml

Instrument :
FID_F
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20 PPM AROMATIC HC STD3



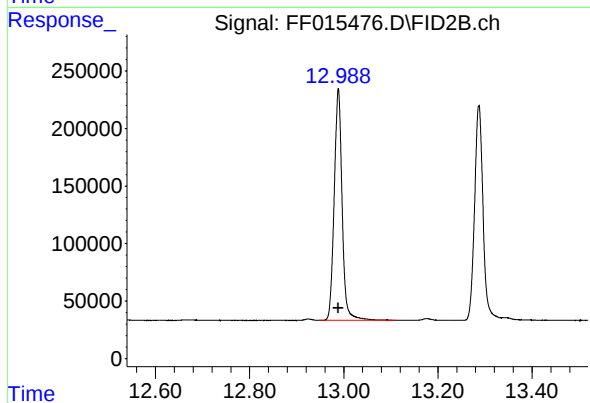
#10 Anthracene (C19.43)

R.T.: 11.242 min
Delta R.T.: 0.000 min
Response: 2329692
Conc: 20.00 ug/ml



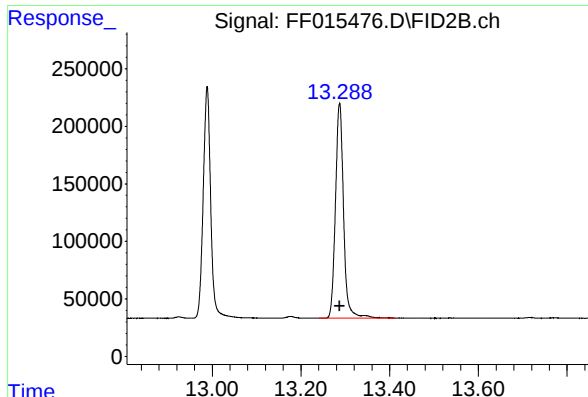
#11 ortho-Terphenyl (SURR)

R.T.: 11.934 min
Delta R.T.: 0.000 min
Response: 2540058
Conc: 20.00 ug/ml



#12 Fluoranthene (C21.85)

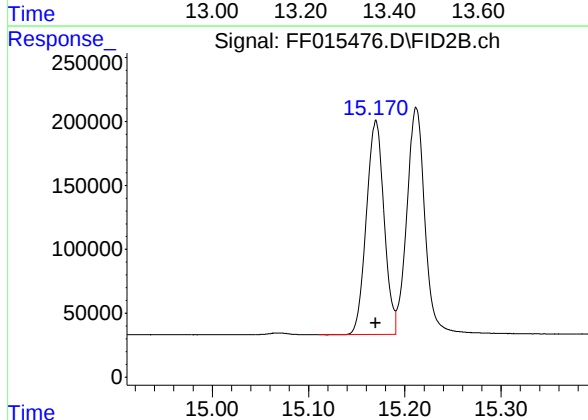
R.T.: 12.988 min
Delta R.T.: 0.000 min
Response: 2357152
Conc: 20.00 ug/ml



#13 Pyrene (C20.8)

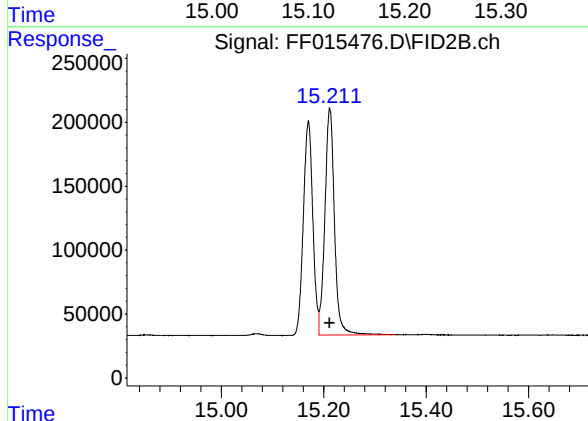
R.T.: 13.287 min
Delta R.T.: 0.000 min
Response: 2364312
Conc: 20.00 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD3



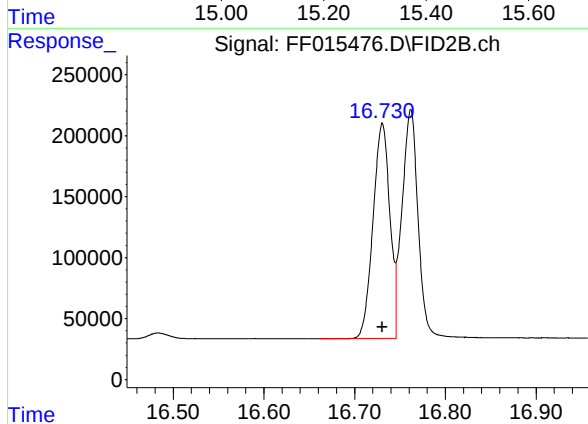
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.170 min
Delta R.T.: 0.000 min
Response: 2140814
Conc: 20.00 ug/ml



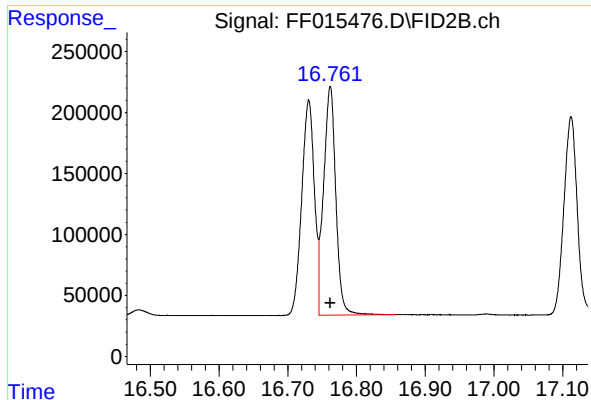
#15 Chrysene (C27.41)

R.T.: 15.212 min
Delta R.T.: 0.000 min
Response: 2313046
Conc: 20.00 ug/ml



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

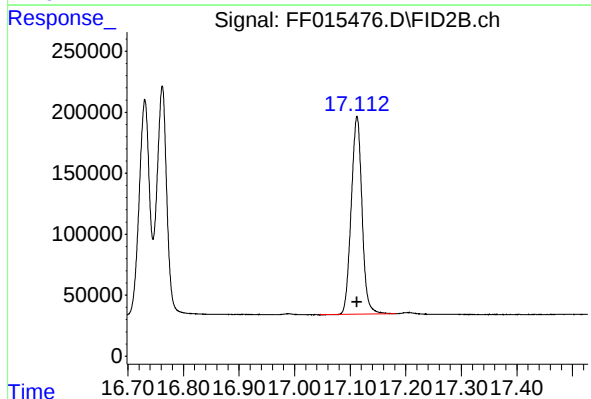
R.T.: 16.731 min
Delta R.T.: 0.000 min
Response: 2258933
Conc: 20.00 ug/ml



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

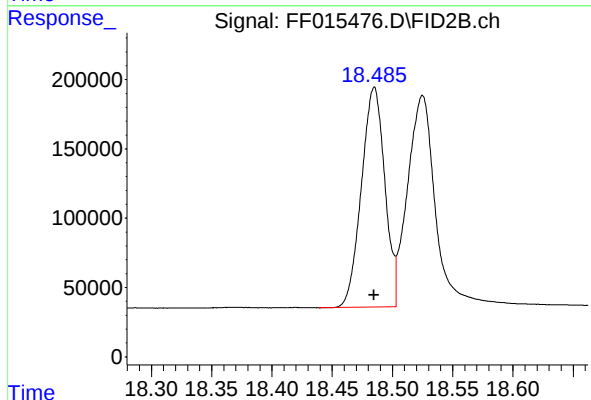
R.T.: 16.762 min
Delta R.T.: 0.000 min
Response: 2324033
Conc: 20.00 ug/ml

Instrument :
FID_F
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20 PPM AROMATIC HC STD3



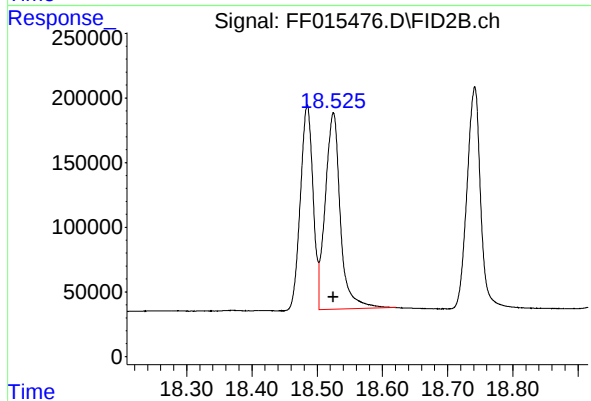
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.112 min
Delta R.T.: 0.000 min
Response: 2187759
Conc: 20.00 ug/ml



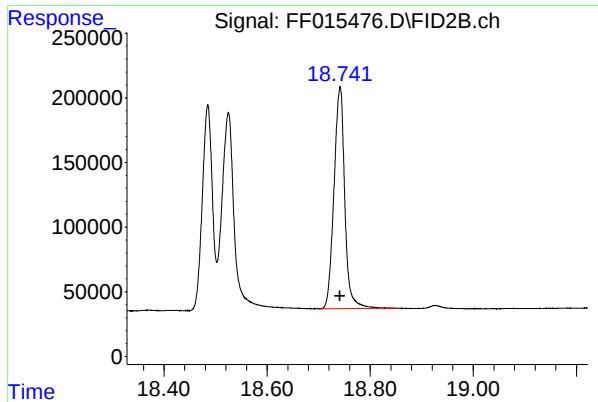
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.485 min
Delta R.T.: 0.000 min
Response: 2138844
Conc: 20.00 ug/ml



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

R.T.: 18.525 min
Delta R.T.: 0.000 min
Response: 2446194
Conc: 20.00 ug/ml



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

R.T.: 18.741 min

Delta R.T.: 0.000 min

Response: 2494364

Conc: 20.00 ug/ml

Instrument :

FID_F

ClientSampleId :

20 PPM AROMATIC HC STD3