

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF031725AR\
 Data File : FF015677.D
 Signal(s) : FID2B.ch
 Acq On : 17 Mar 2025 13:08
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD3
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM AROMATIC HC STD3

Integration File: autoint1.e
 Quant Time: Mar 17 13:28:15 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 031725.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 17 13:27:58 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...	8.000	2173362	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
6) S 2-Fluorobiphenyl (SURR)	8.879	1314615	20.000 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.00%
11) S ortho-Terphenyl (SURR)	11.936	2634833	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.604	2463446	20.000 ug/ml
2) T Naphthalene (C11.7)	6.278	2423244	20.000 ug/ml
3) T 2-Methylnaphthalene (...)	7.373	2401133	20.000 ug/ml
5) T Acenaphthylene (C15.06)	8.675	2581233	20.000 ug/ml
7) T Acenaphthene (C15.5)	8.972	2634314	20.000 ug/ml
8) T Fluorene (C16.55)	9.764	2497720	20.000 ug/ml
9) T Phenanthrene (C19.36)	11.173	2359299	20.000 ug/ml
10) T Anthracene (C19.43)	11.249	2288341	20.000 ug/ml
12) T Fluoranthene (C21.85)	12.998	2442115	20.000 ug/ml
13) T Pyrene (C20.8)	13.296	2482131	20.000 ug/ml
14) T Benzo[a]anthracene (C...	15.181	1999180	20.000 ug/ml
15) T Chrysene (C27.41)	15.222	2451440	20.000 ug/ml
16) T benzo[b]fluoranthene ...	16.743	2157485	20.000 ug/ml
17) T Bnezo[k]fluoranthene ...	16.773	2434990	20.000 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.128	2136282	20.000 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.504	1667618	20.000 ug/ml
20) T Dibenz[a,h]anthracene...	18.541	2492203	20.000 ug/ml
21) T Benzo[g,h,i]perylene ...	18.757	2304861	20.000 ug/ml

(f)=RT Delta > 1/2 Window

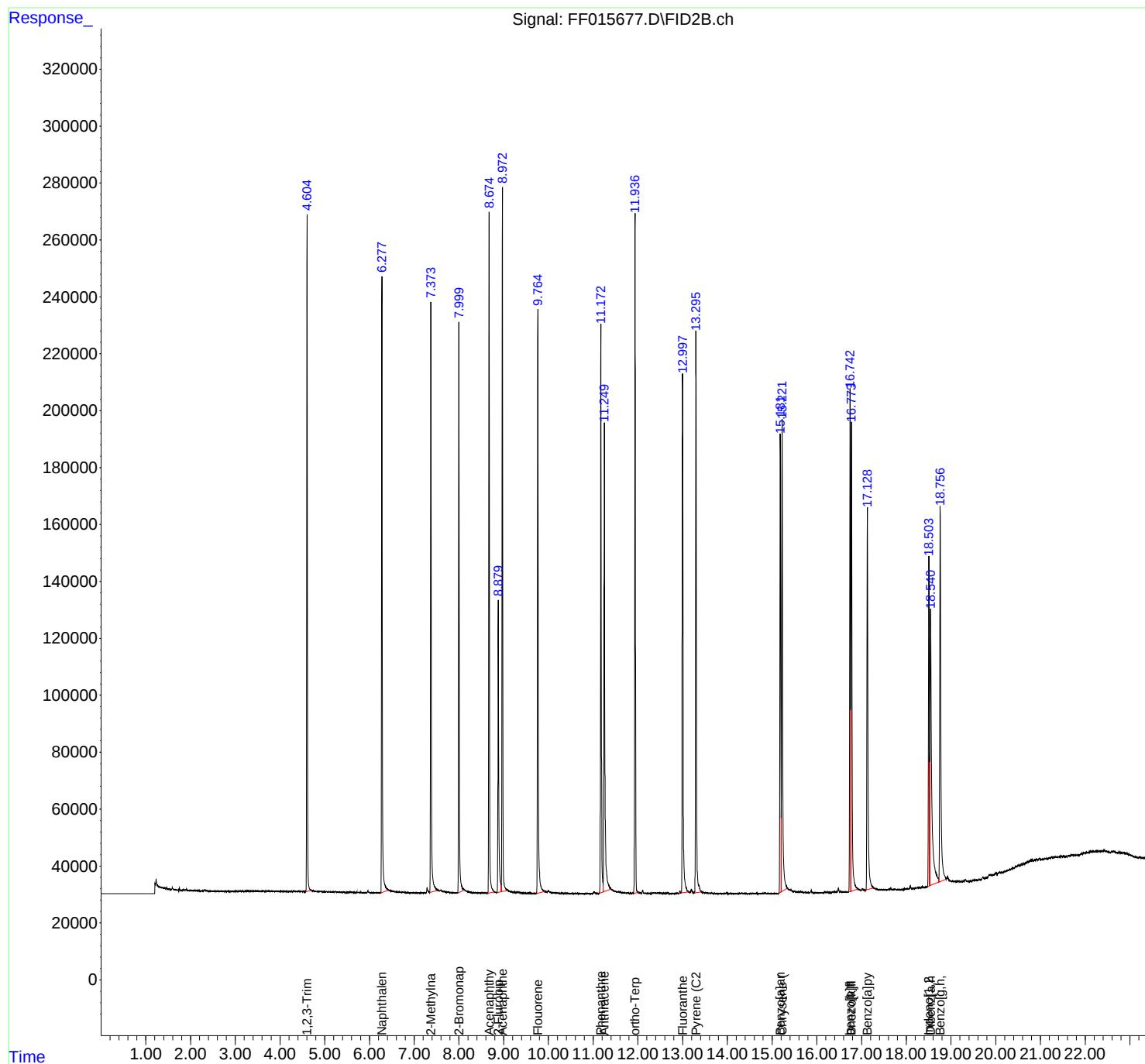
(m)=manual int.

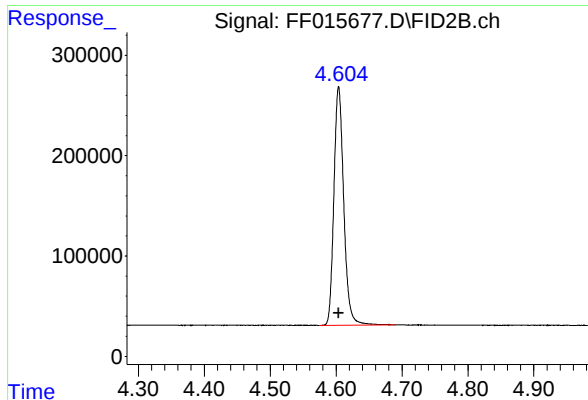
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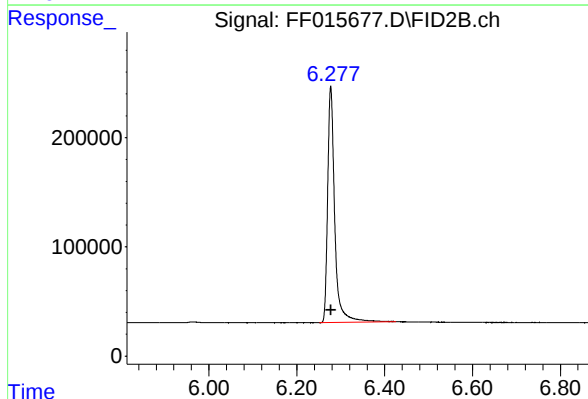




#1 1,2,3-Trimethylbenzene (C10.1)

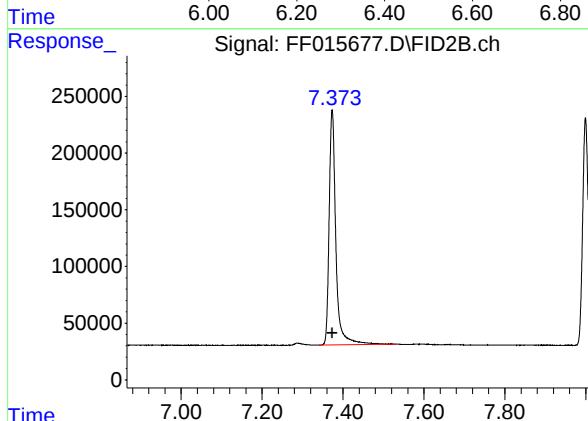
R.T.: 4.604 min
Delta R.T.: 0.000 min
Response: 2463446
Conc: 20.00 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD3



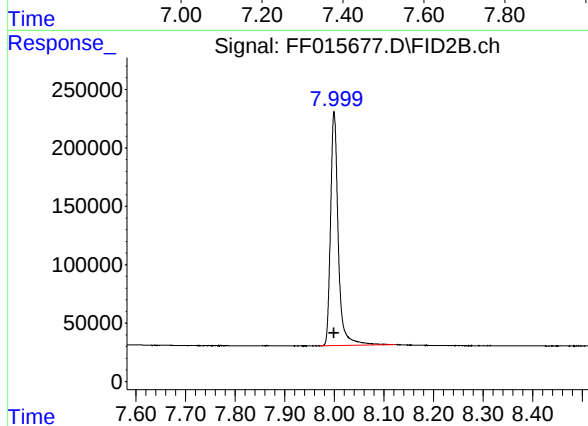
#2 Naphthalene (C11.7)

R.T.: 6.278 min
Delta R.T.: 0.000 min
Response: 2423244
Conc: 20.00 ug/ml



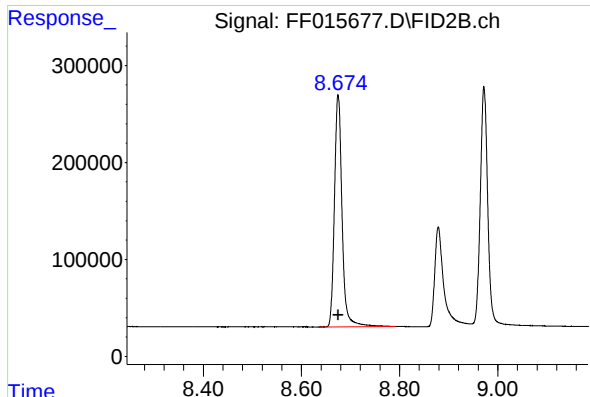
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.373 min
Delta R.T.: 0.000 min
Response: 2401133
Conc: 20.00 ug/ml



#4 2-Bromonaphthalene (SURR)

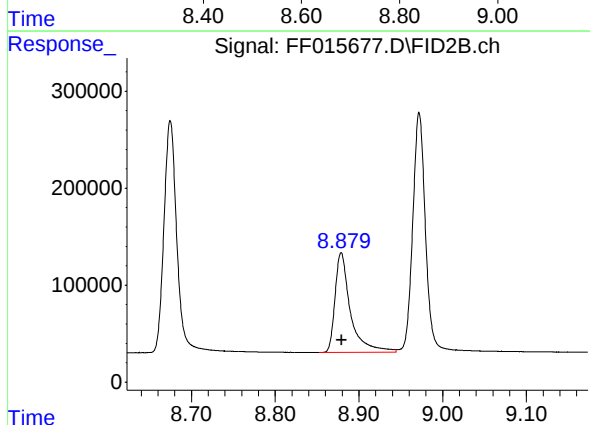
R.T.: 8.000 min
Delta R.T.: 0.000 min
Response: 2173362
Conc: 20.00 ug/ml



#5 Acenaphthylene (C15.06)

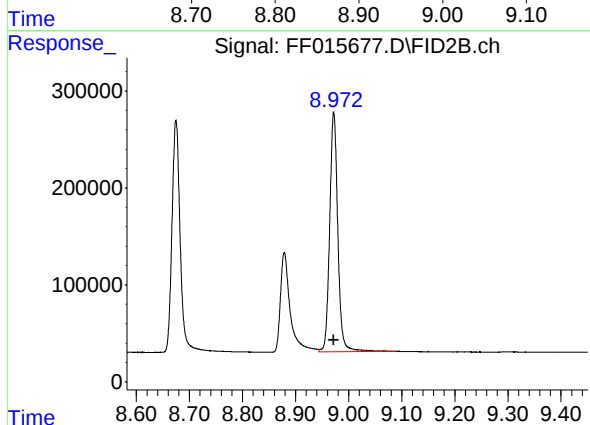
R.T.: 8.675 min
Delta R.T.: 0.000 min
Response: 2581233
Conc: 20.00 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD3



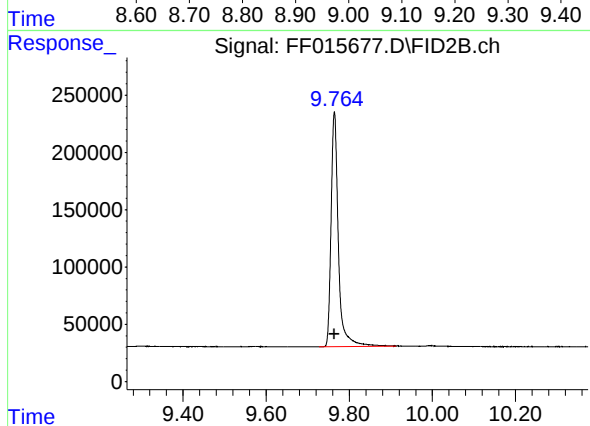
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.879 min
Delta R.T.: 0.000 min
Response: 1314615
Conc: 20.00 ug/ml



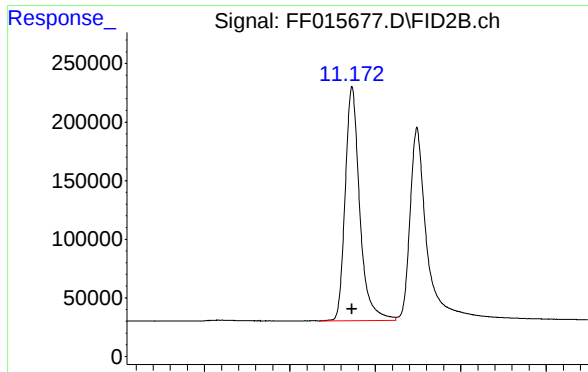
#7 Acenaphthene (C15.5)

R.T.: 8.972 min
Delta R.T.: 0.000 min
Response: 2634314
Conc: 20.00 ug/ml



#8 Flouorene (C16.55)

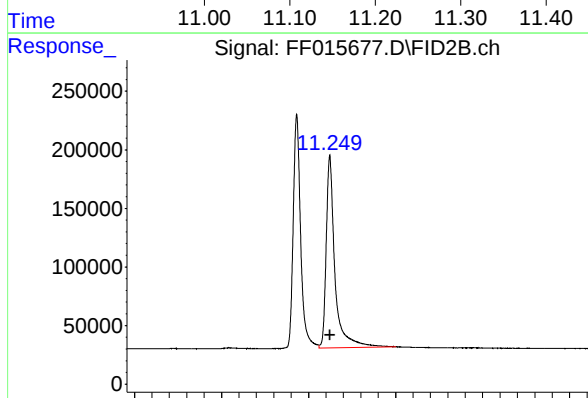
R.T.: 9.764 min
Delta R.T.: 0.000 min
Response: 2497720
Conc: 20.00 ug/ml



#9 Phenanthrene (C19.36)

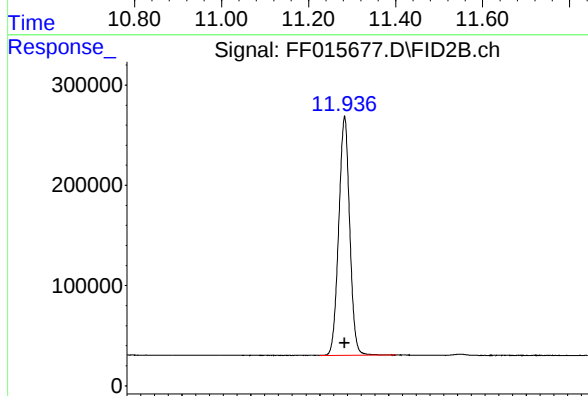
R.T.: 11.173 min
Delta R.T.: 0.000 min
Response: 2359299
Conc: 20.00 ug/ml

Instrument :
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20 PPM AROMATIC HC STD3



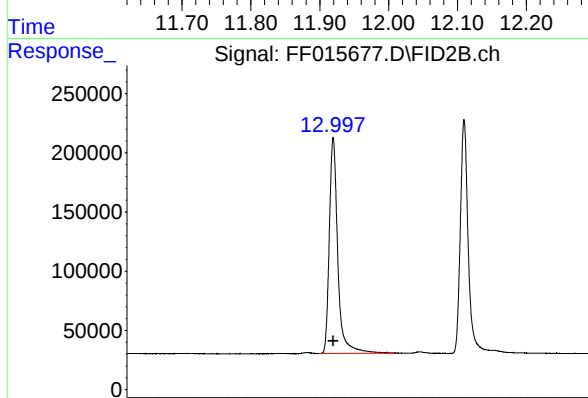
#10 Anthracene (C19.43)

R.T.: 11.249 min
Delta R.T.: 0.000 min
Response: 2288341
Conc: 20.00 ug/ml



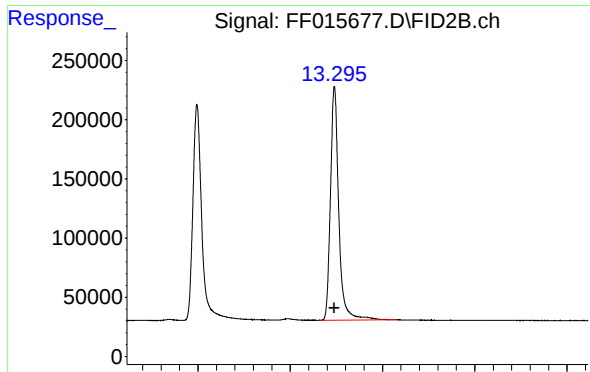
#11 ortho-Terphenyl (SURRE)

R.T.: 11.936 min
Delta R.T.: 0.000 min
Response: 2634833
Conc: 20.00 ug/ml



#12 Fluoranthene (C21.85)

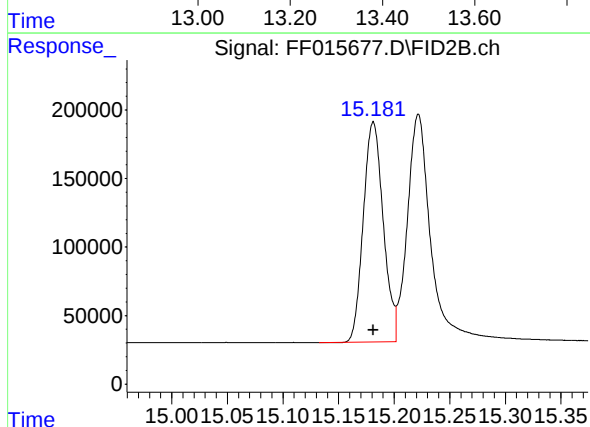
R.T.: 12.998 min
Delta R.T.: 0.000 min
Response: 2442115
Conc: 20.00 ug/ml



#13 Pyrene (C20.8)

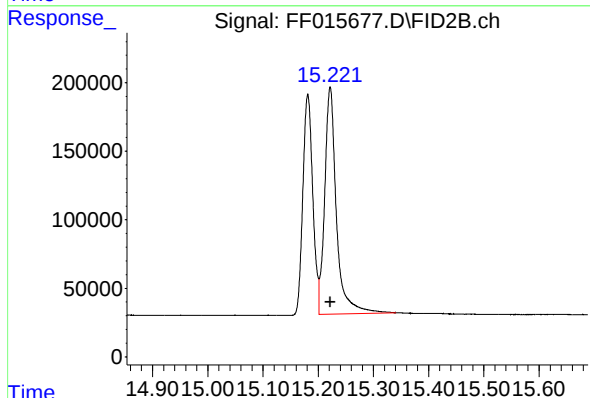
R.T.: 13.296 min
Delta R.T.: 0.000 min
Response: 2482131
Conc: 20.00 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD3



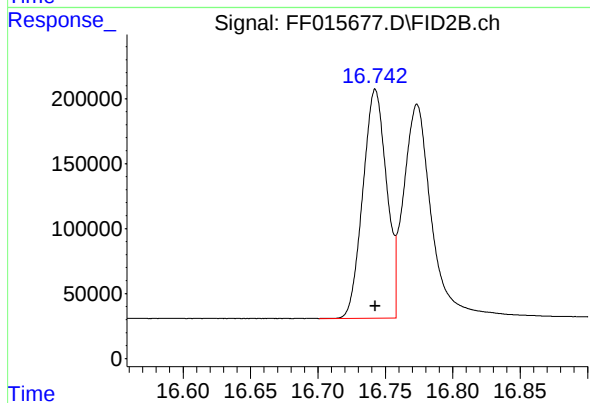
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.181 min
Delta R.T.: 0.000 min
Response: 1999180
Conc: 20.00 ug/ml



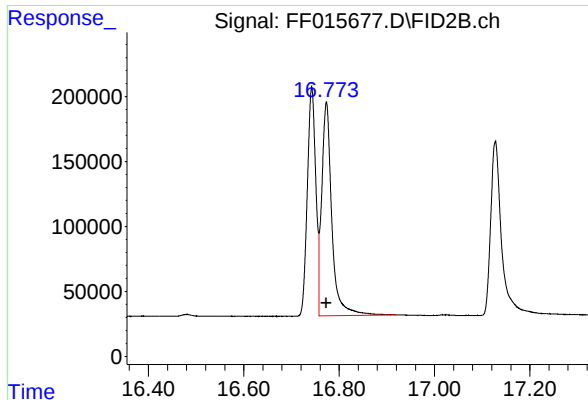
#15 Chrysene (C27.41)

R.T.: 15.222 min
Delta R.T.: 0.000 min
Response: 2451440
Conc: 20.00 ug/ml



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

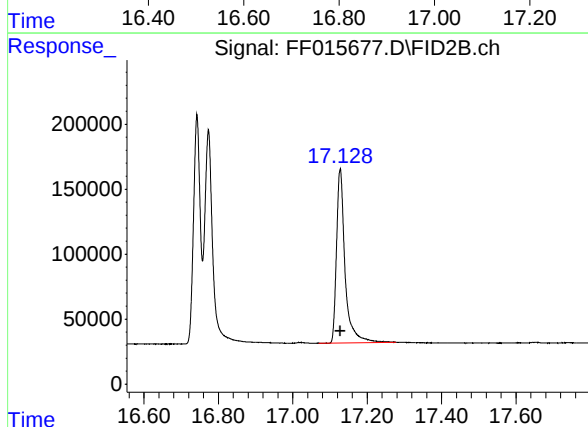
R.T.: 16.743 min
Delta R.T.: 0.000 min
Response: 2157485
Conc: 20.00 ug/ml



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

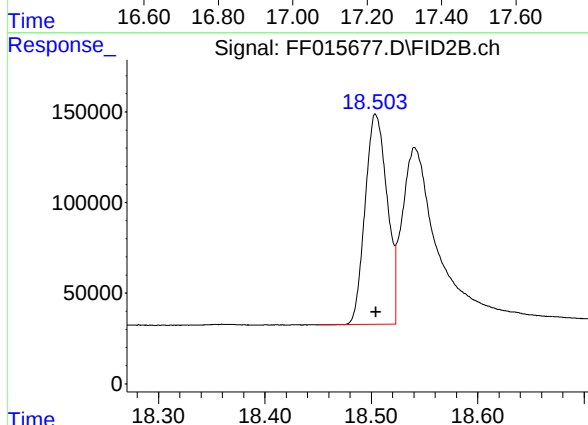
R.T.: 16.773 min
Delta R.T.: 0.000 min
Response: 2434990
Conc: 20.00 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD3



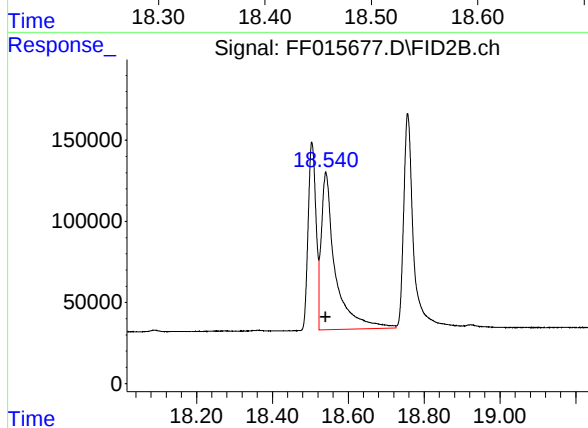
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.128 min
Delta R.T.: 0.000 min
Response: 2136282
Conc: 20.00 ug/ml



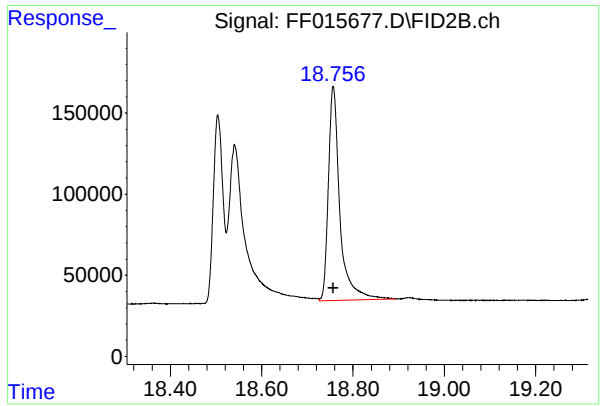
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.504 min
Delta R.T.: 0.000 min
Response: 1667618
Conc: 20.00 ug/ml



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

R.T.: 18.541 min
Delta R.T.: 0.000 min
Response: 2492203
Conc: 20.00 ug/ml



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

R.T.: 18.757 min
Delta R.T.: 0.000 min
Response: 2304861
Conc: 20.00 ug/ml

Instrument :
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ClientSampleId :
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