

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF020525AR\
 Data File : FF015475.D
 Signal(s) : FID2B.ch
 Acq On : 05 Feb 2025 23:49
 Operator : YP\AJ
 Sample : 50 PPM AROMATIC HC STD2
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 50 PPM AROMATIC HC STD2

Integration File: sample.E
 Quant Time: Feb 06 05:04:11 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...	7.998	5823157	50.294 ug/ml
Spiked Amount 50.000		Recovery =	100.59%
6) S 2-Fluorobiphenyl (SURR)	8.874	3813158	51.407 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	102.81%
11) S ortho-Terphenyl (SURR)	11.936	6333925	49.872 ug/ml
Spiked Amount 50.000		Recovery =	99.74%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.608	6658567	49.662 ug/ml
2) T Naphthalene (C11.7)	6.277	6714411	50.159 ug/ml
3) T 2-Methylnaphthalene (...)	7.373	6480542	50.294 ug/ml
5) T Acenaphthylene (C15.06)	8.674	6558191	50.009 ug/ml
7) T Acenaphthene (C15.5)	8.974	6442331	49.847 ug/ml
8) T Fluorene (C16.55)	9.763	6361177	50.611 ug/ml
9) T Phenanthrene (C19.36)	11.170	6006715	50.886 ug/ml
10) T Anthracene (C19.43)	11.245	5867251	50.369 ug/ml
12) T Fluoranthene (C21.85)	12.993	5902080	50.078 ug/ml
13) T Pyrene (C20.8)	13.292	5825509	49.279 ug/ml
14) T Benzo[a]anthracene (C...	15.175	5456103	50.972 ug/ml
15) T Chrysene (C27.41)	15.219	5612386	48.528 ug/ml
16) T benzo[b]fluoranthene ...	16.738	5652142	50.043 ug/ml
17) T Bnezo[k]fluoranthene ...	16.771	5649513	48.618 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.119	5481404	50.110 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.495	5504431	51.471 ug/ml
20) T Dibenz[a,h]anthracene...	18.534	5841179	47.757 ug/ml
21) T Benzo[g,h,i]perylene ...	18.755	6142251	49.249 ug/ml

(f)=RT Delta > 1/2 Window

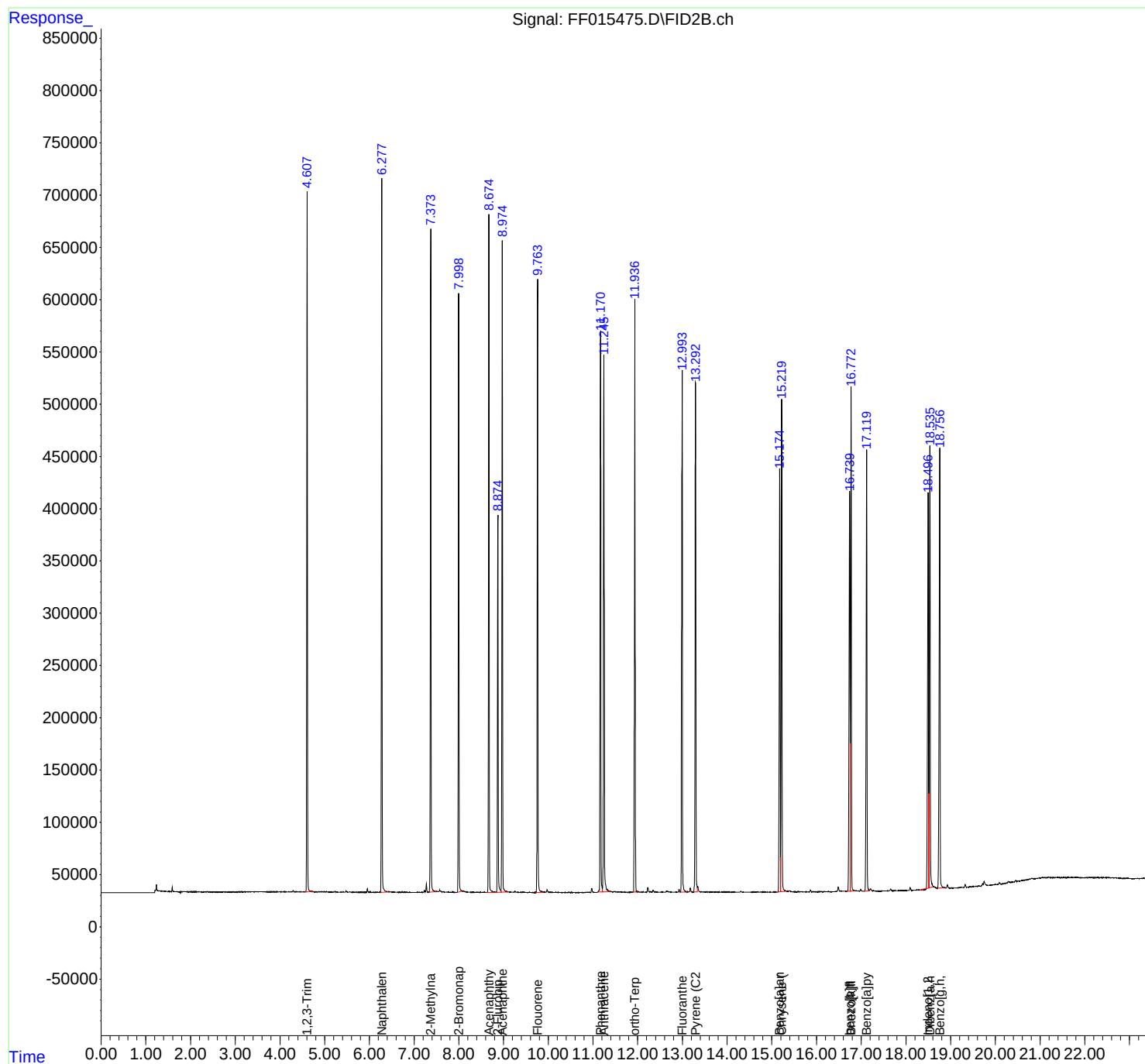
(m)=manual int.

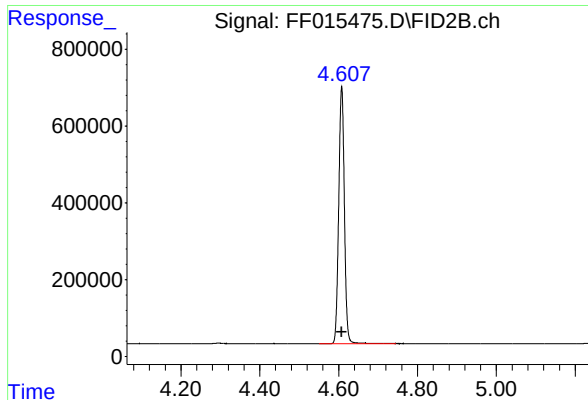
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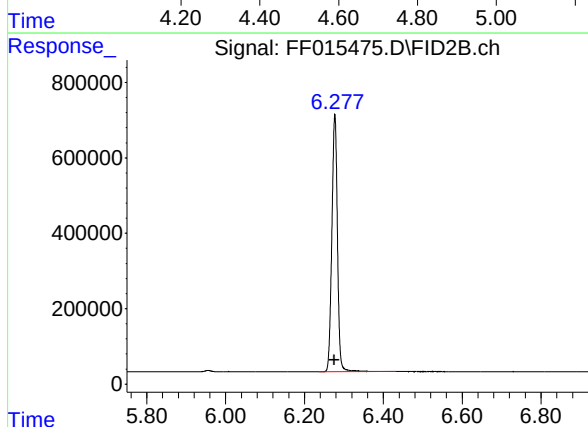




#1 1,2,3-Trimethylbenzene (C10.1)

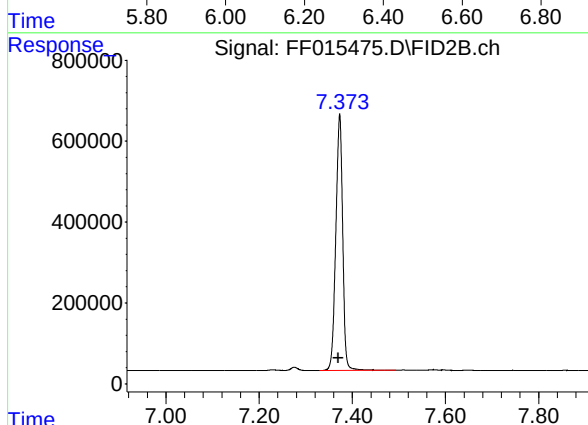
R.T.: 4.608 min
Delta R.T.: 0.000 min
Response: 6658567
Conc: 49.66 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM AROMATIC HC STD2



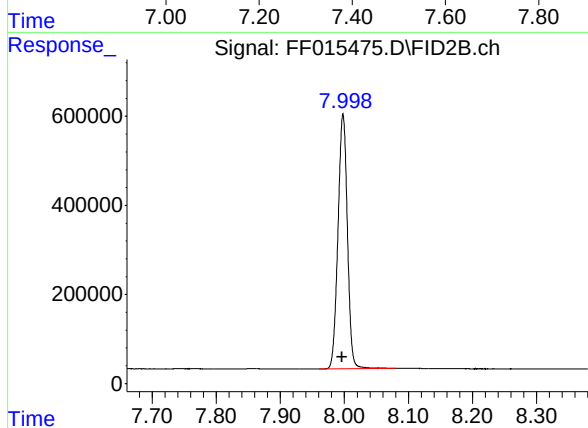
#2 Naphthalene (C11.7)

R.T.: 6.277 min
Delta R.T.: 0.001 min
Response: 6714411
Conc: 50.16 ug/ml



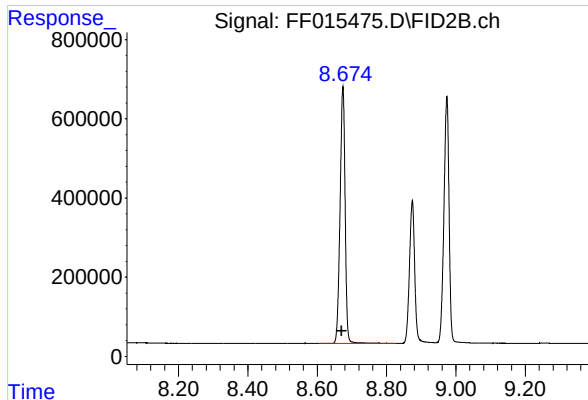
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.373 min
Delta R.T.: 0.003 min
Response: 6480542
Conc: 50.29 ug/ml



#4 2-Bromonaphthalene (SURR)

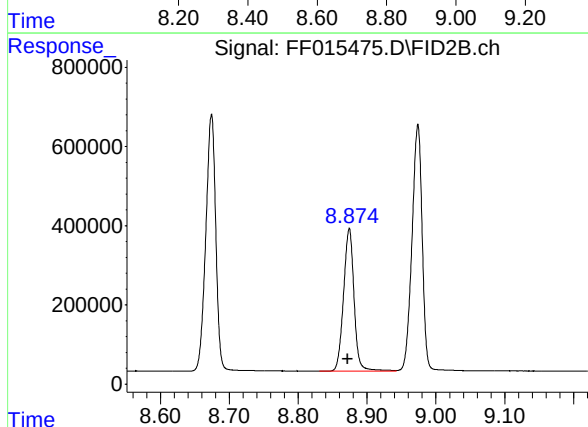
R.T.: 7.998 min
Delta R.T.: 0.002 min
Response: 5823157
Conc: 50.29 ug/ml



#5 Acenaphthylene (C15.06)

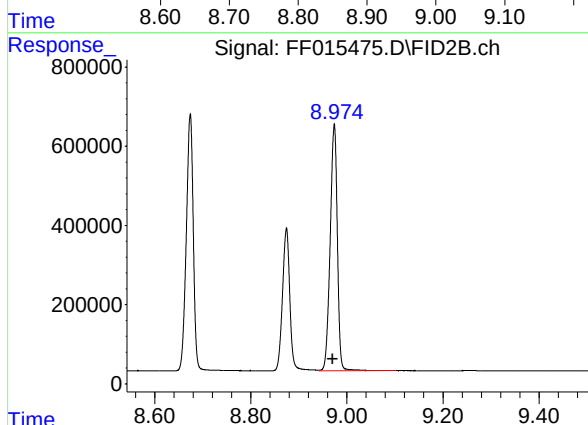
R.T.: 8.674 min
Delta R.T.: 0.003 min
Response: 6558191
Conc: 50.01 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM AROMATIC HC STD2



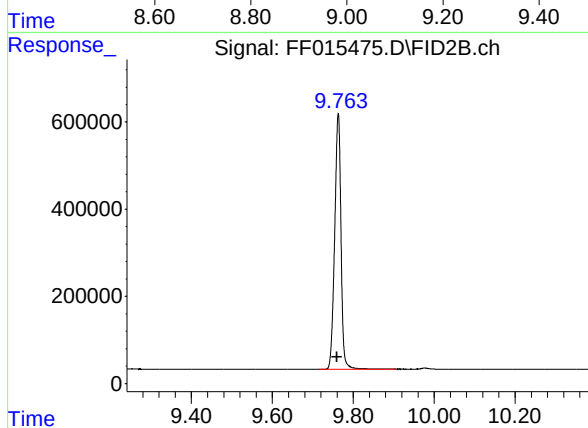
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.874 min
Delta R.T.: 0.002 min
Response: 3813158
Conc: 51.41 ug/ml



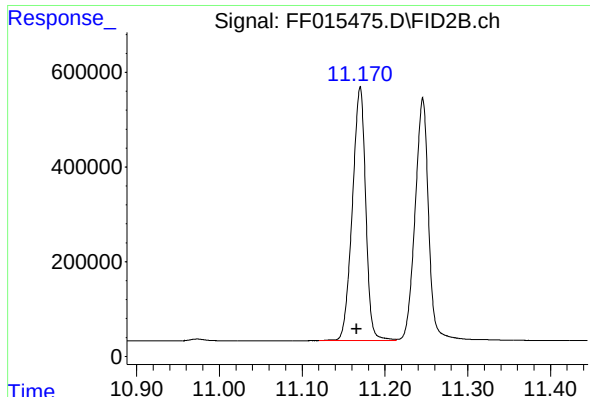
#7 Acenaphthene (C15.5)

R.T.: 8.974 min
Delta R.T.: 0.004 min
Response: 6442331
Conc: 49.85 ug/ml



#8 Fluorene (C16.55)

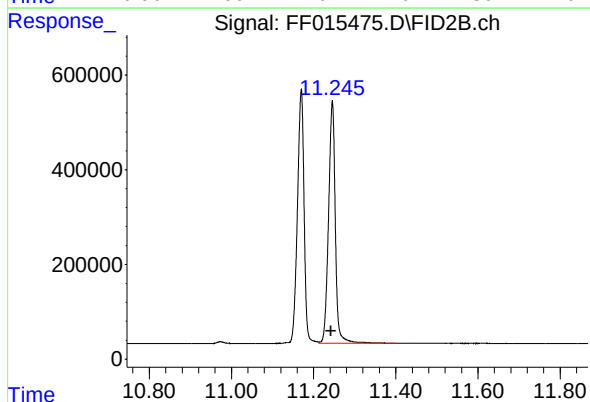
R.T.: 9.763 min
Delta R.T.: 0.003 min
Response: 6361177
Conc: 50.61 ug/ml



#9 Phenanthrene (C19.36)

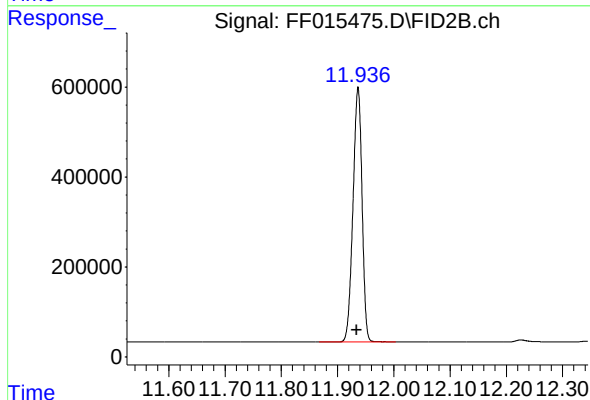
R.T.: 11.170 min
Delta R.T.: 0.004 min
Response: 6006715
Conc: 50.89 ug/ml

Instrument :
FID_F
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50 PPM AROMATIC HC STD2



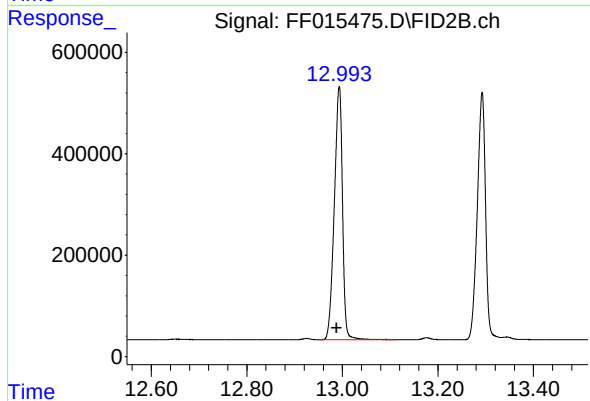
#10 Anthracene (C19.43)

R.T.: 11.245 min
Delta R.T.: 0.004 min
Response: 5867251
Conc: 50.37 ug/ml



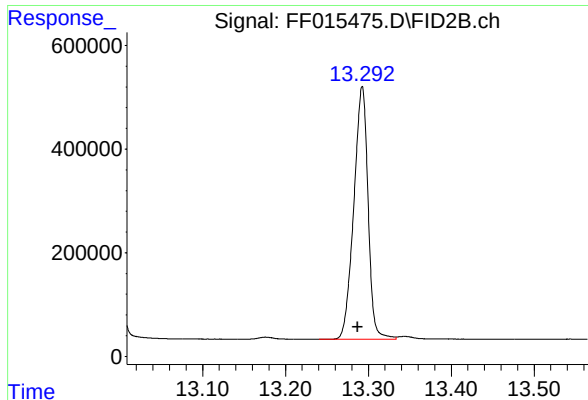
#11 ortho-Terphenyl (SURR)

R.T.: 11.936 min
Delta R.T.: 0.003 min
Response: 6333925
Conc: 49.87 ug/ml



#12 Fluoranthene (C21.85)

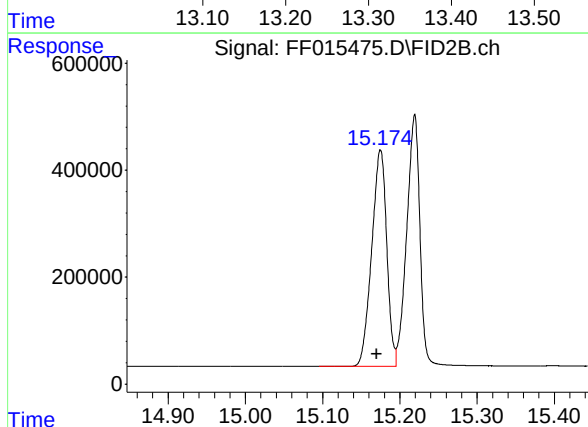
R.T.: 12.993 min
Delta R.T.: 0.005 min
Response: 5902080
Conc: 50.08 ug/ml



#13 Pyrene (C20.8)

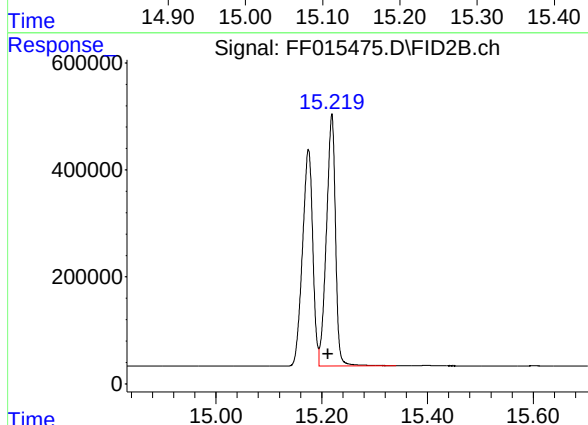
R.T.: 13.292 min
Delta R.T.: 0.005 min
Response: 5825509
Conc: 49.28 ug/ml

Instrument :
FID_F
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50 PPM AROMATIC HC STD2



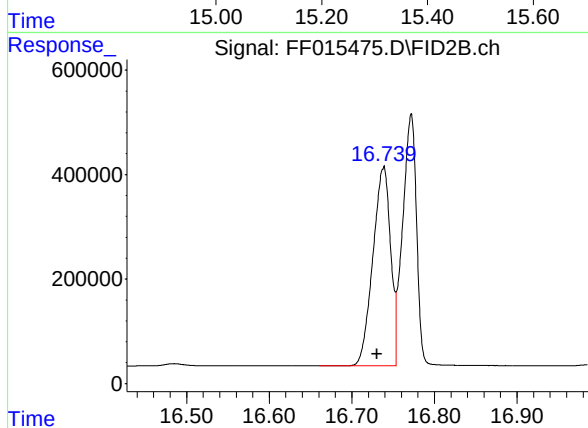
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.175 min
Delta R.T.: 0.005 min
Response: 5456103
Conc: 50.97 ug/ml



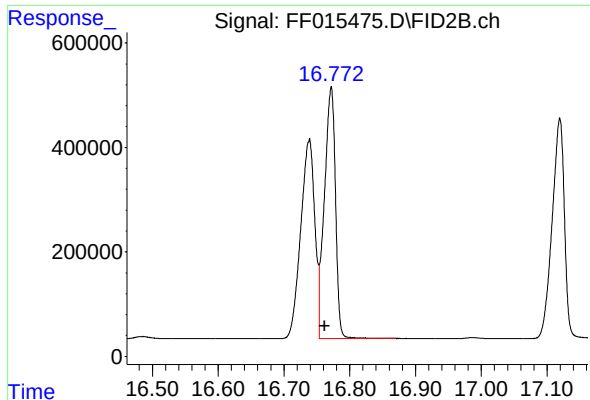
#15 Chrysene (C27.41)

R.T.: 15.219 min
Delta R.T.: 0.007 min
Response: 5612386
Conc: 48.53 ug/ml



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

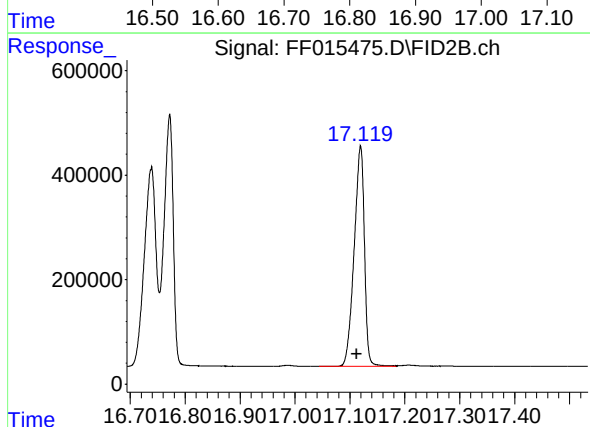
R.T.: 16.738 min
Delta R.T.: 0.008 min
Response: 5652142
Conc: 50.04 ug/ml



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

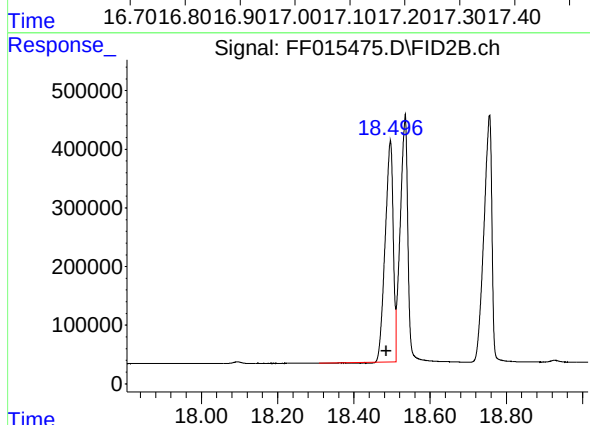
R.T.: 16.771 min
Delta R.T.: 0.010 min
Response: 5649513
Conc: 48.62 ug/ml

Instrument :
FID_F
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50 PPM AROMATIC HC STD2



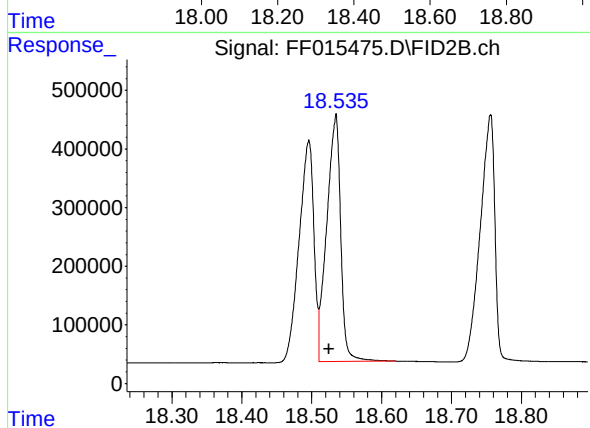
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.119 min
Delta R.T.: 0.007 min
Response: 5481404
Conc: 50.11 ug/ml



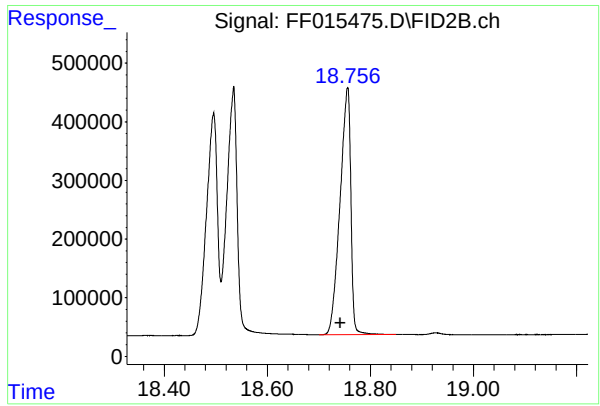
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.495 min
Delta R.T.: 0.010 min
Response: 5504431
Conc: 51.47 ug/ml



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

R.T.: 18.534 min
Delta R.T.: 0.009 min
Response: 5841179
Conc: 47.76 ug/ml



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

R.T.: 18.755 min
Delta R.T.: 0.014 min
Response: 6142251
Conc: 49.25 ug/ml

Instrument :

FID_F

ClientSampleId :

50 PPM AROMATIC HC STD2