

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF051524AR\
 Data File : FF014254.D
 Signal(s) : FID2B.ch
 Acq On : 15 May 2024 09:10
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: May 16 05:01:58 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 051424.M
 Quant Title : GC Extractables
 QLast Update : Tue May 14 17:31:50 2024
 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...	7.901	2192947	20.898 ug/ml
Spiked Amount 50.000		Recovery =	41.80%
6) S 2-Fluorobiphenyl (SURR)	8.772	1265293	20.908 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.82%
11) S ortho-Terphenyl (SURR)	11.834	2913386	20.640 ug/ml
Spiked Amount 50.000		Recovery =	41.28%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.516	2486407	20.539 ug/ml
2) T Naphthalene (C11.7)	6.179	2445902	20.887 ug/ml
3) T 2-Methylnaphthalene (...)	7.273	2349569	21.086 ug/ml
5) T Acenaphthylene (C15.06)	8.571	2323599	20.696 ug/ml
7) T Acenaphthene (C15.5)	8.870	2612905	20.656 ug/ml
8) T Flouorene (C16.55)	9.659	2231705	20.958 ug/ml
9) T Phenanthrene (C19.36)	11.062	2139971	20.659 ug/ml
10) T Anthracene (C19.43)	11.137	1931409	21.195 ug/ml
12) T Fluoranthene (C21.85)	12.881	2374225	20.862 ug/ml
13) T Pyrene (C20.8)	13.179	2281322	20.424 ug/ml
14) T Benzo[a]anthracene (C...	15.058	1595108	21.045 ug/ml
15) T Chrysene (C27.41)	15.100	2252202	20.480 ug/ml
16) T benzo[b]fluoranthene ...	16.615	2100600	20.931 ug/ml
17) T Bnezo[k]fluoranthene ...	16.646	2395481	20.246 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.995	2109812	20.097 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.367	1677162	18.860 ug/ml
20) T Dibenz[a,h]anthracene...	18.408	2008134	18.882 ug/ml
21) T Benzo[g,h,i]perylene ...	18.620	2474715	20.097 ug/ml

(f)=RT Delta > 1/2 Window

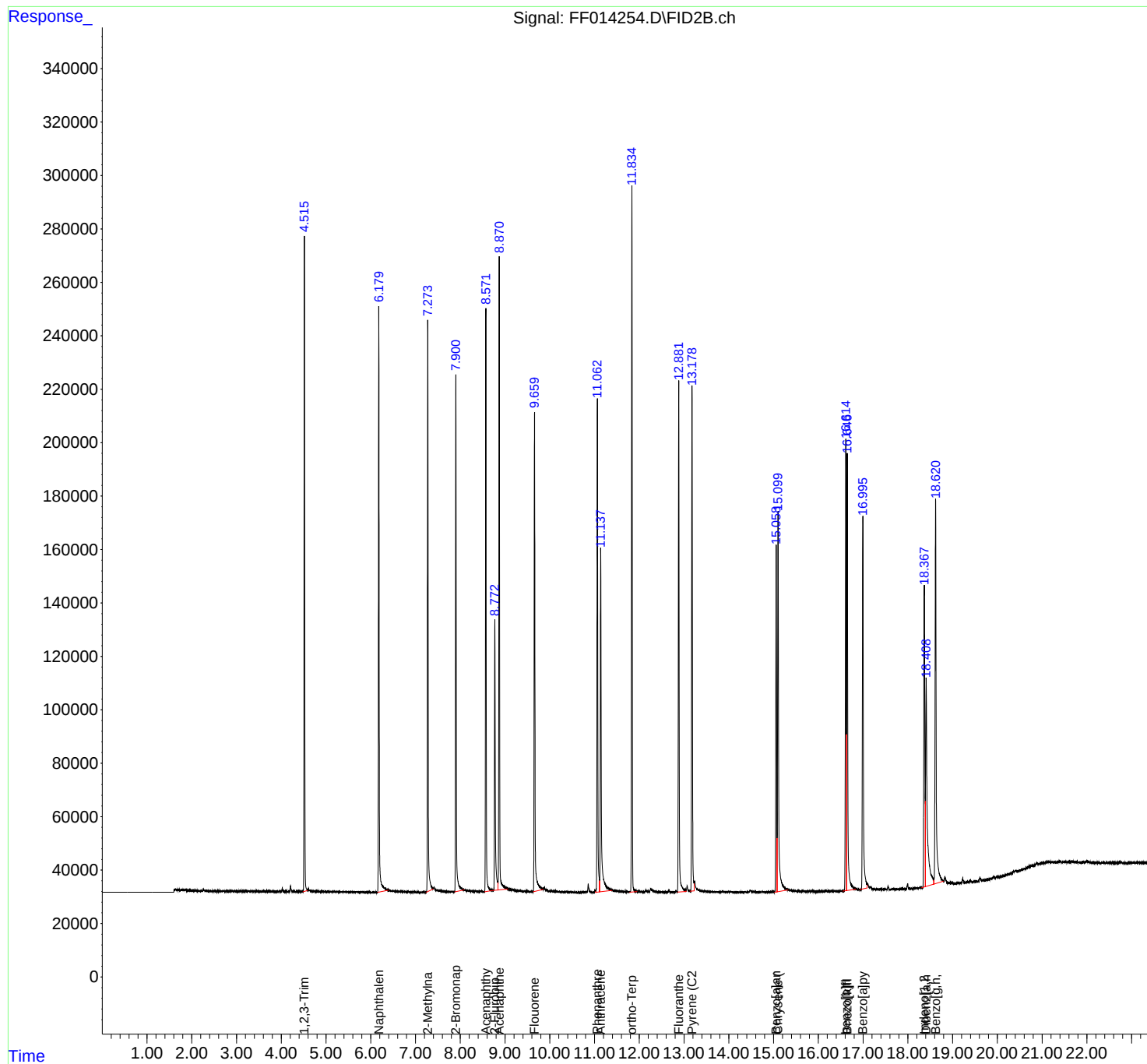
(m)=manual int.

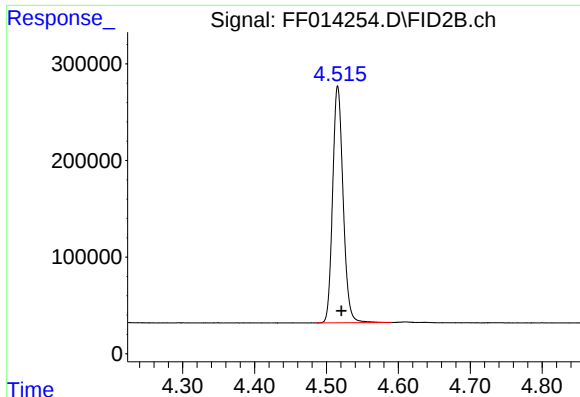
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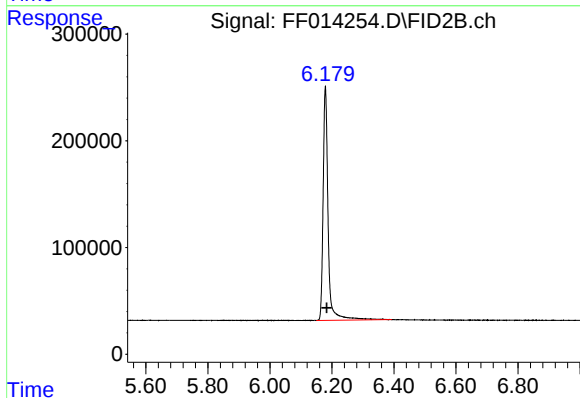




#1 1,2,3-Trimethylbenzene (C10.1)

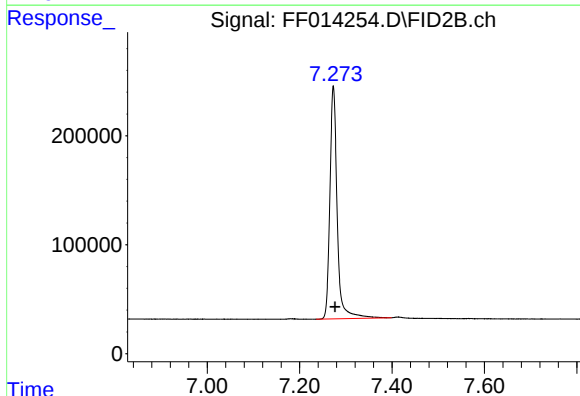
R.T.: 4.516 min
Delta R.T.: -0.005 min
Response: 2486407
Conc: 20.54 ug/ml

Instrument :
FID_F
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20 PPM AROMATIC HC STD



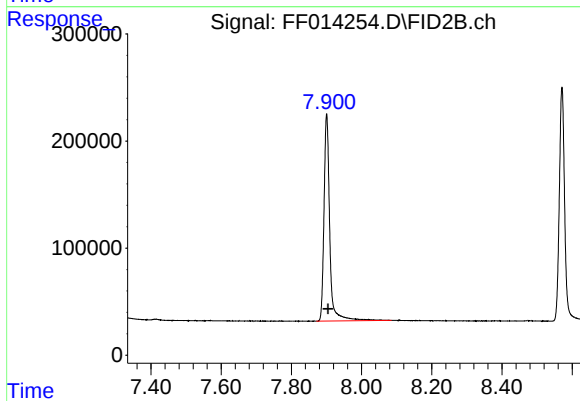
#2 Naphthalene (C11.7)

R.T.: 6.179 min
Delta R.T.: -0.005 min
Response: 2445902
Conc: 20.89 ug/ml



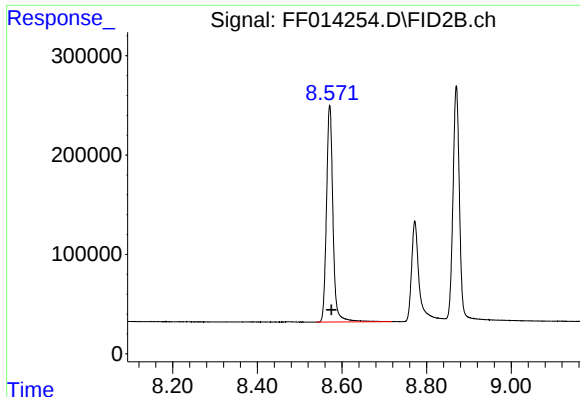
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.273 min
Delta R.T.: -0.004 min
Response: 2349569
Conc: 21.09 ug/ml



#4 2-Bromonaphthalene (SURR)

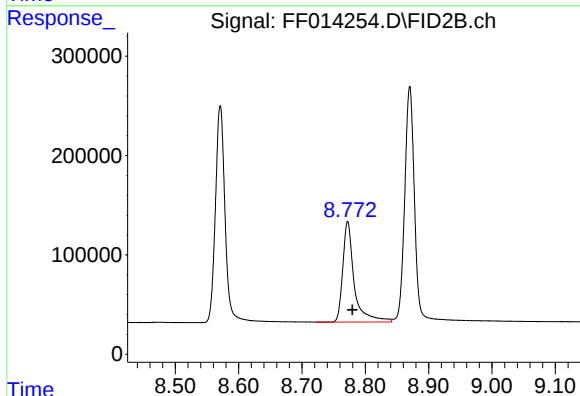
R.T.: 7.901 min
Delta R.T.: -0.004 min
Response: 2192947
Conc: 20.90 ug/ml



#5 Acenaphthylene (C15.06)

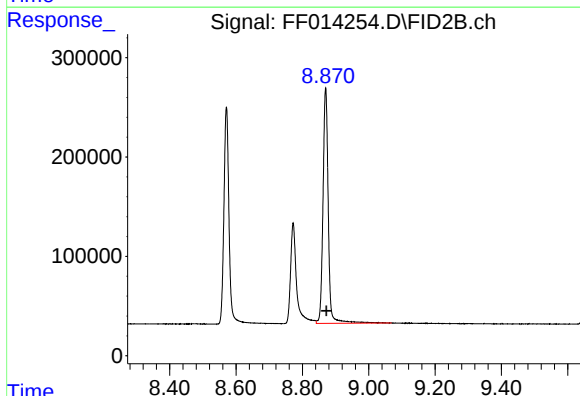
R.T.: 8.571 min
Delta R.T.: -0.004 min
Response: 2323599
Conc: 20.70 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



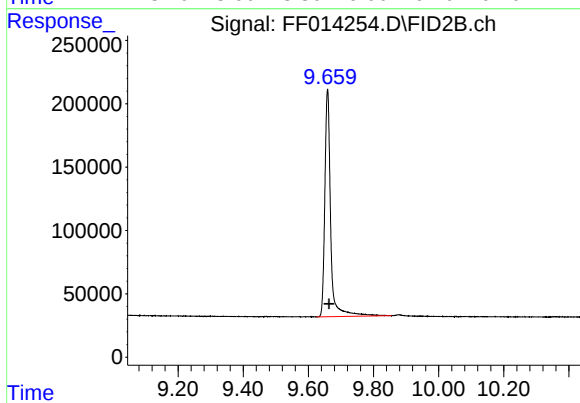
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.772 min
Delta R.T.: -0.007 min
Response: 1265293
Conc: 20.91 ug/ml



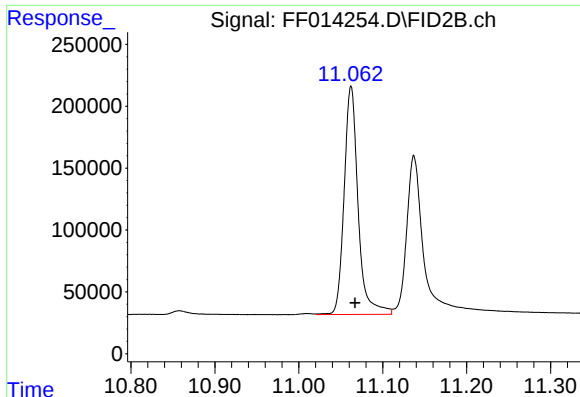
#7 Acenaphthene (C15.5)

R.T.: 8.870 min
Delta R.T.: -0.003 min
Response: 2612905
Conc: 20.66 ug/ml



#8 Fluorene (C16.55)

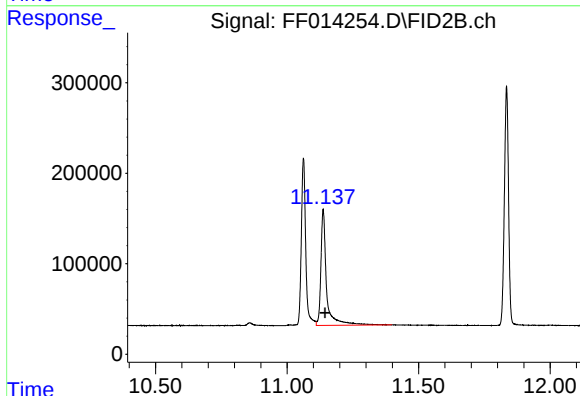
R.T.: 9.659 min
Delta R.T.: -0.005 min
Response: 2231705
Conc: 20.96 ug/ml



#9 Phenanthrene (C19.36)

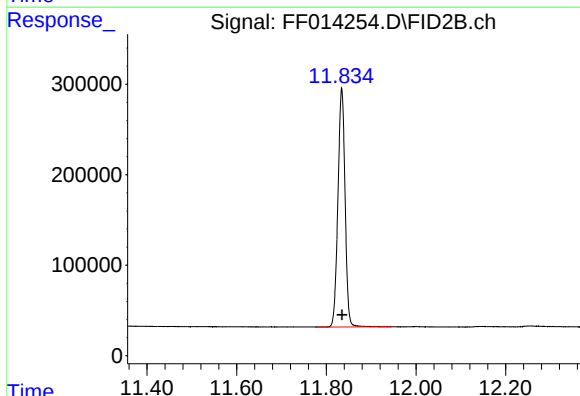
R.T.: 11.062 min
Delta R.T.: -0.005 min
Response: 2139971
Conc: 20.66 ug/ml

Instrument :
FID_F
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20 PPM AROMATIC HC STD



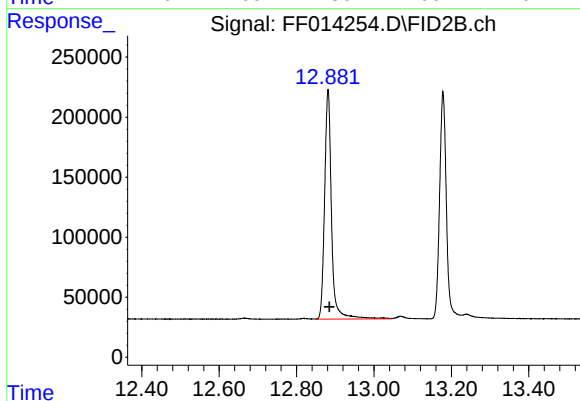
#10 Anthracene (C19.43)

R.T.: 11.137 min
Delta R.T.: -0.007 min
Response: 1931409
Conc: 21.19 ug/ml



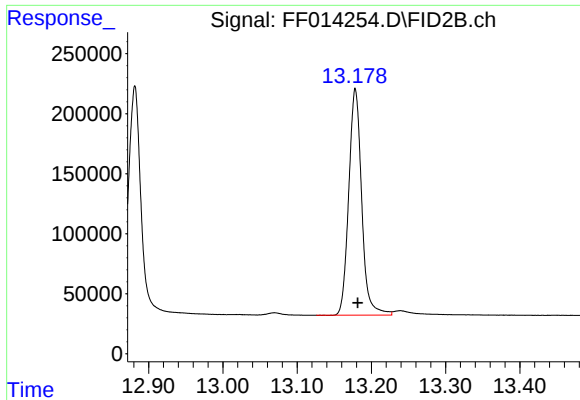
#11 ortho-Terphenyl (SURR)

R.T.: 11.834 min
Delta R.T.: -0.001 min
Response: 2913386
Conc: 20.64 ug/ml



#12 Fluoranthene (C21.85)

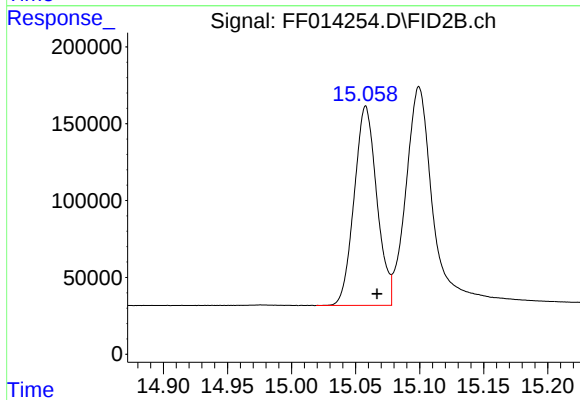
R.T.: 12.881 min
Delta R.T.: -0.003 min
Response: 2374225
Conc: 20.86 ug/ml



#13 Pyrene (C20.8)

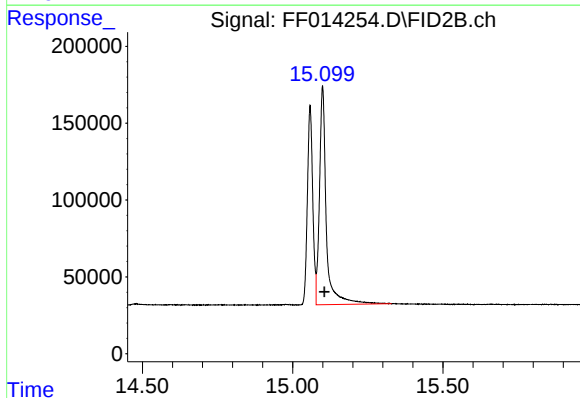
R.T.: 13.179 min
Delta R.T.: -0.003 min
Response: 2281322
Conc: 20.42 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



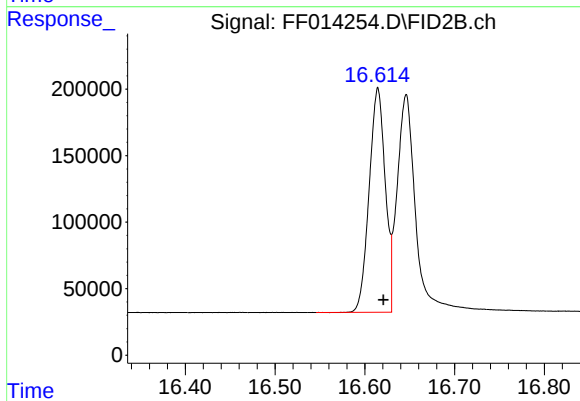
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.058 min
Delta R.T.: -0.009 min
Response: 1595108
Conc: 21.04 ug/ml



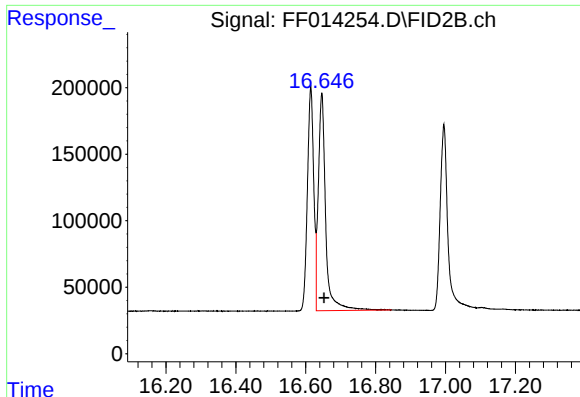
#15 Chrysene (C27.41)

R.T.: 15.100 min
Delta R.T.: -0.006 min
Response: 2252202
Conc: 20.48 ug/ml



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

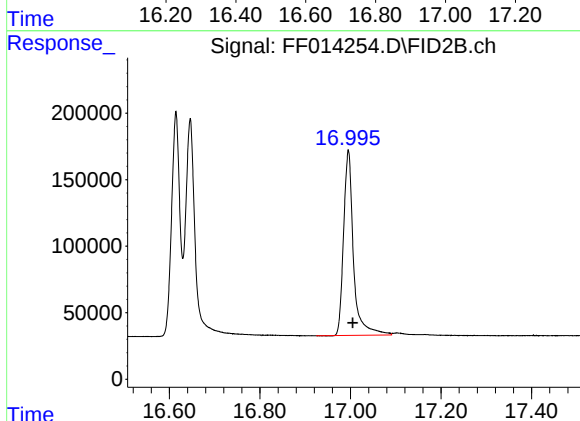
R.T.: 16.615 min
Delta R.T.: -0.006 min
Response: 2100600
Conc: 20.93 ug/ml



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

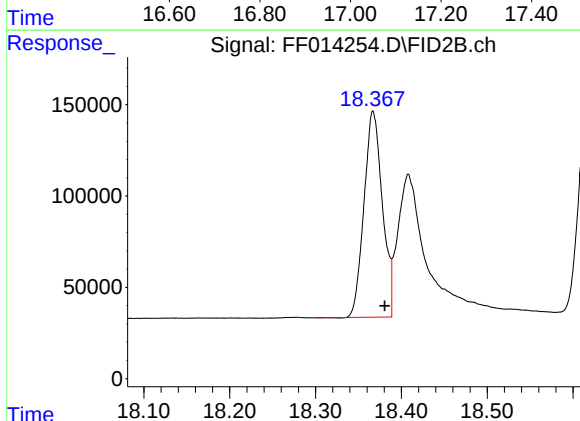
R.T.: 16.646 min
Delta R.T.: -0.006 min
Response: 2395481
Conc: 20.25 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



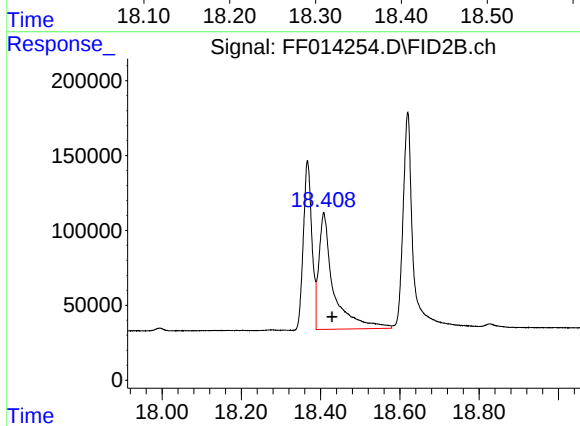
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.995 min
Delta R.T.: -0.009 min
Response: 2109812
Conc: 20.10 ug/ml



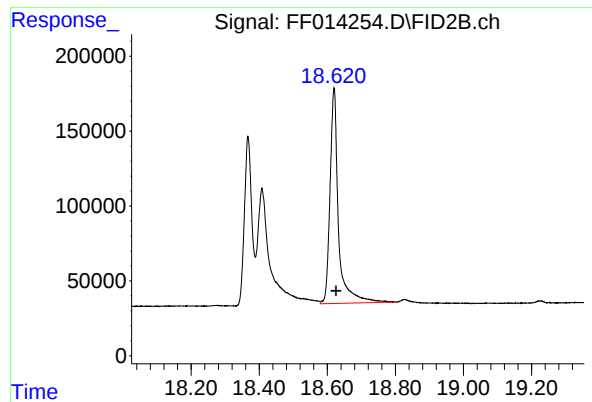
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.367 min
Delta R.T.: -0.013 min
Response: 1677162
Conc: 18.86 ug/ml



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

R.T.: 18.408 min
Delta R.T.: -0.021 min
Response: 2008134
Conc: 18.88 ug/ml



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

R.T.: 18.620 min
Delta R.T.: -0.006 min
Response: 2474715
Conc: 20.10 ug/ml

Instrument :

FID_F

ClientSampleId :

20 PPM AROMATIC HC STD