

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF051424AR\
 Data File : FF014235.D
 Signal(s) : FID2B.ch
 Acq On : 14 May 2024 18:32
 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 14 19:18:05 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...	7.903	2023238	19.281 ug/ml
Spiked Amount 50.000		Recovery =	38.56%
6) S 2-Fluorobiphenyl (SURR)	8.774	1164373	19.240 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.48%
11) S ortho-Terphenyl (SURR)	11.836	2673611	18.941 ug/ml
Spiked Amount 50.000		Recovery =	37.88%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.518	2295886	18.965 ug/ml
2) T Naphthalene (C11.7)	6.181	2257426	19.278 ug/ml
3) T 2-Methylnaphthalene (...)	7.276	2155139	19.341 ug/ml
5) T Acenaphthylene (C15.06)	8.574	2149306	19.143 ug/ml
7) T Acenaphthene (C15.5)	8.873	2398644	18.962 ug/ml
8) T Flouorene (C16.55)	9.661	2051175	19.263 ug/ml
9) T Phenanthrene (C19.36)	11.065	1987722	19.189 ug/ml
10) T Anthracene (C19.43)	11.139	1757314	19.285 ug/ml
12) T Fluoranthene (C21.85)	12.883	2190748	19.250 ug/ml
13) T Pyrene (C20.8)	13.180	2108997	18.881 ug/ml
14) T Benzo[a]anthracene (C...	15.061	1485953	19.605 ug/ml
15) T Chrysene (C27.41)	15.102	2075977	18.877 ug/ml
16) T benzo[b]fluoranthene ...	16.618	1957529	19.505 ug/ml
17) T Bnezo[k]fluoranthene ...	16.649	2218205	18.748 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.997	1992606	18.981 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.370	1595660	17.943 ug/ml
20) T Dibenz[a,h]anthracene...	18.410	1968093	18.506 ug/ml
21) T Benzo[g,h,i]perylene ...	18.622	2323333	18.867 ug/ml

(f)=RT Delta > 1/2 Window

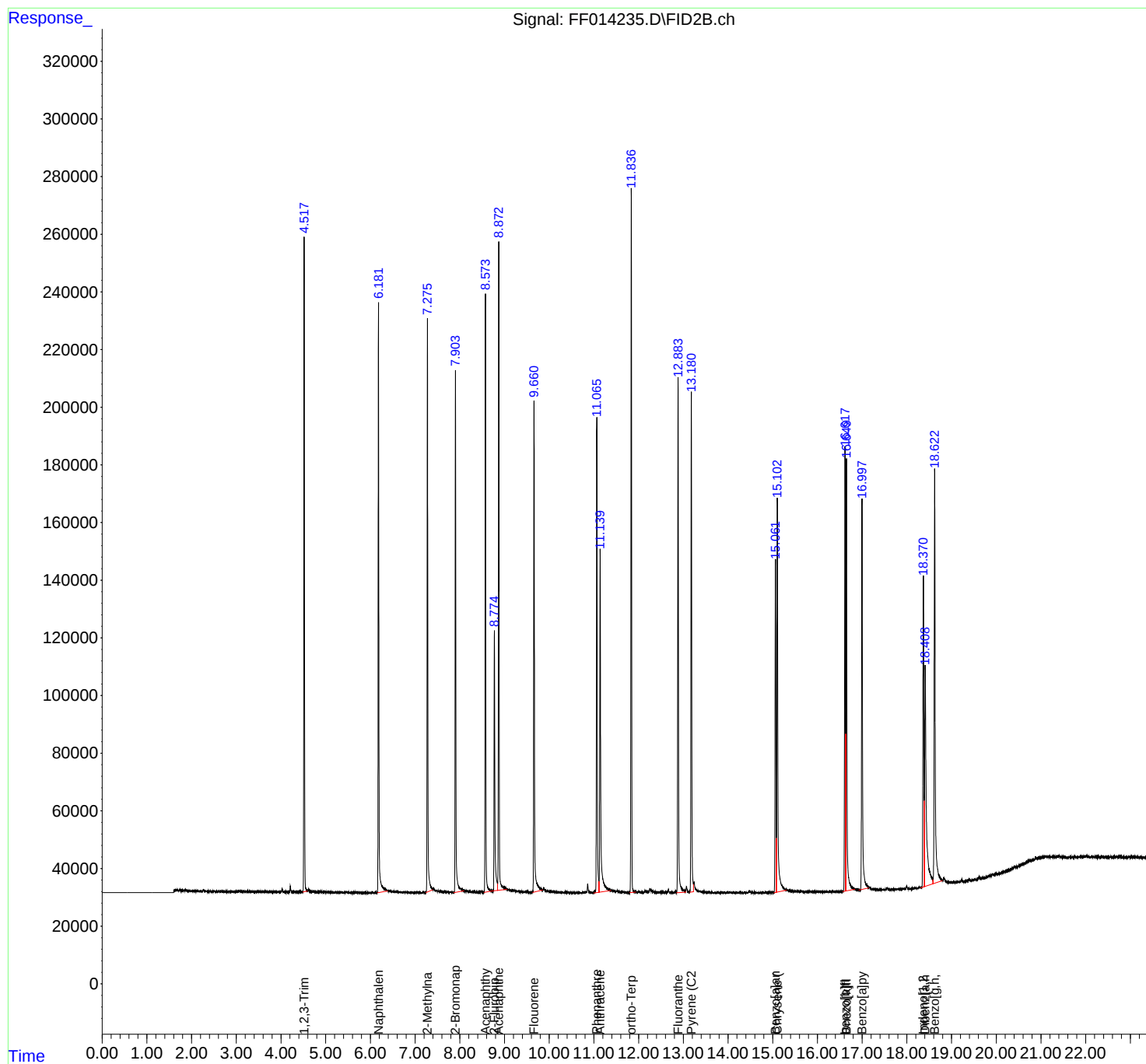
(m)=manual int.

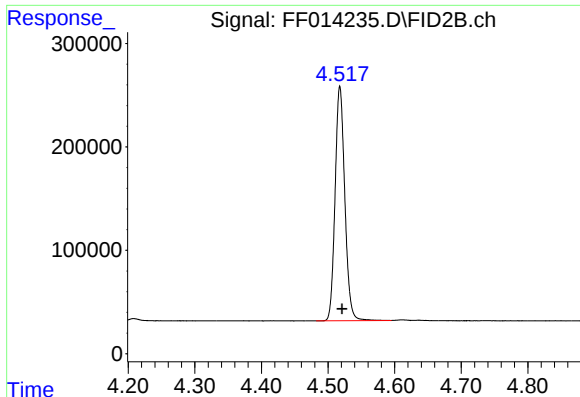
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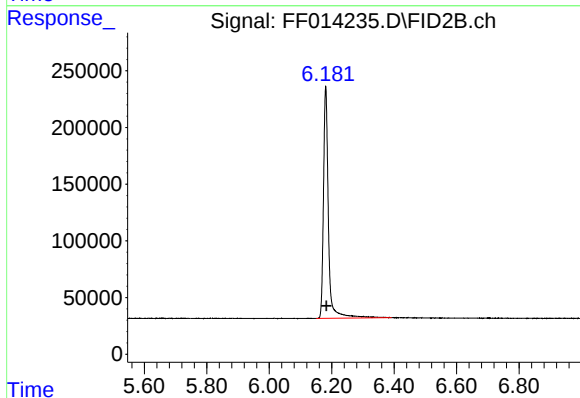




#1 1,2,3-Trimethylbenzene (C10.1)

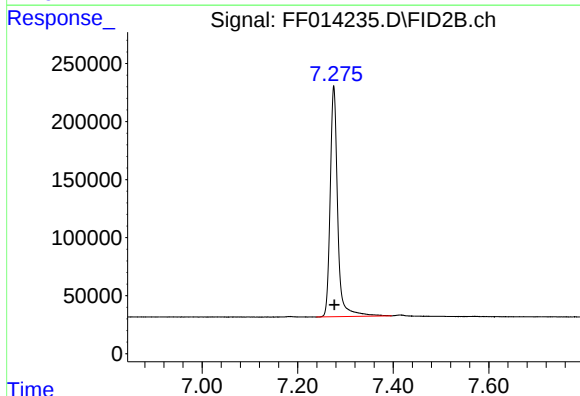
R.T.: 4.518 min
Delta R.T.: -0.003 min
Response: 2295886
Conc: 18.97 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD



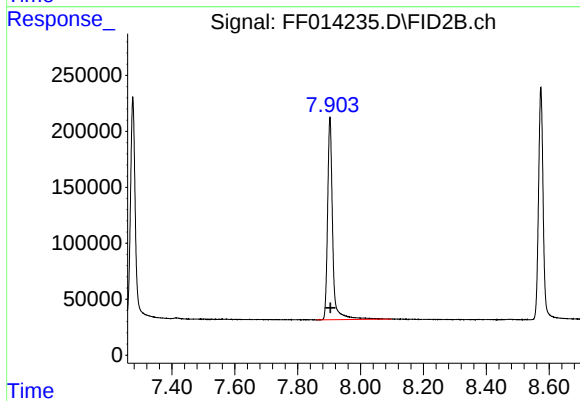
#2 Naphthalene (C11.7)

R.T.: 6.181 min
Delta R.T.: -0.003 min
Response: 2257426
Conc: 19.28 ug/ml



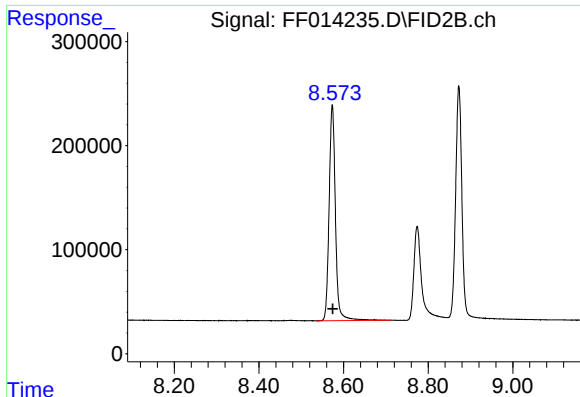
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.276 min
Delta R.T.: -0.001 min
Response: 2155139
Conc: 19.34 ug/ml



#4 2-Bromonaphthalene (SURR)

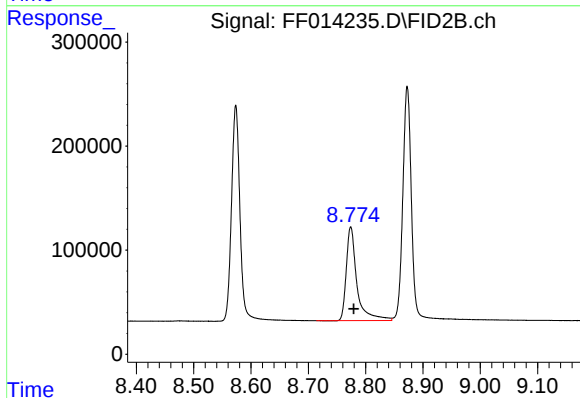
R.T.: 7.903 min
Delta R.T.: -0.002 min
Response: 2023238
Conc: 19.28 ug/ml



#5 Acenaphthylene (C15.06)

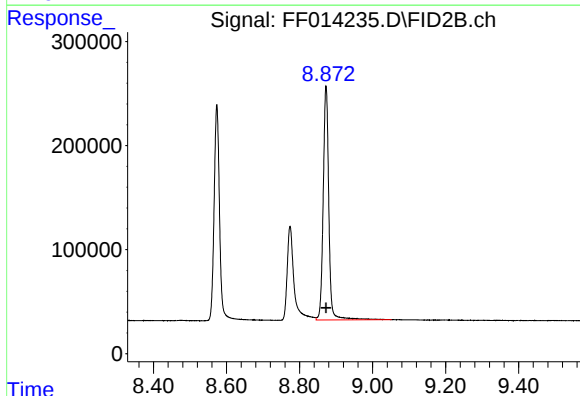
R.T.: 8.574 min
Delta R.T.: -0.001 min
Response: 2149306
Conc: 19.14 ug/ml

Instrument :
FID_F
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20 PPM AROMATIC HC STD



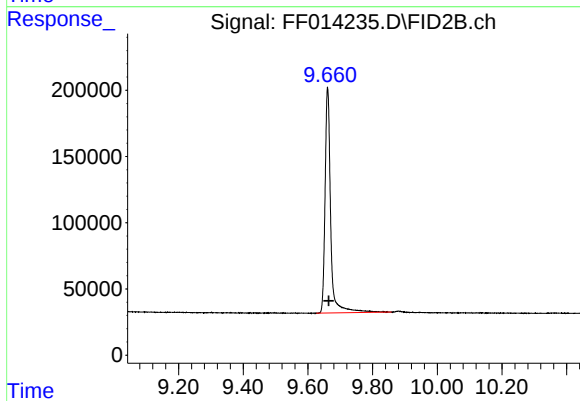
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.774 min
Delta R.T.: -0.005 min
Response: 1164373
Conc: 19.24 ug/ml



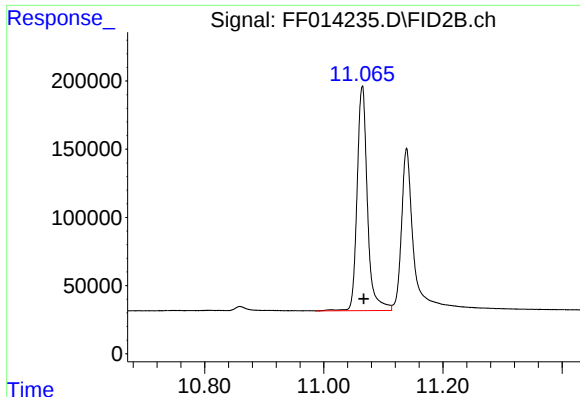
#7 Acenaphthene (C15.5)

R.T.: 8.873 min
Delta R.T.: 0.000 min
Response: 2398644
Conc: 18.96 ug/ml



#8 Fluorene (C16.55)

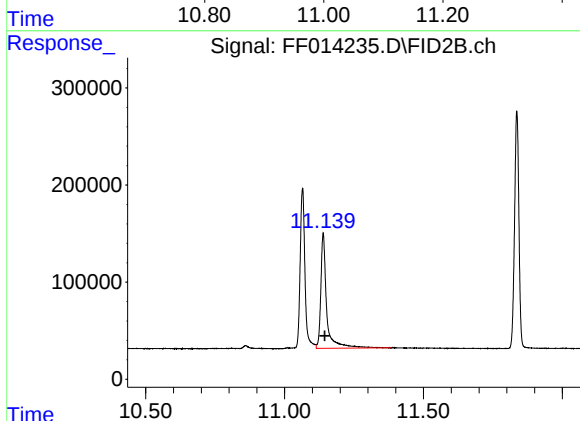
R.T.: 9.661 min
Delta R.T.: -0.003 min
Response: 2051175
Conc: 19.26 ug/ml



#9 Phenanthrene (C19.36)

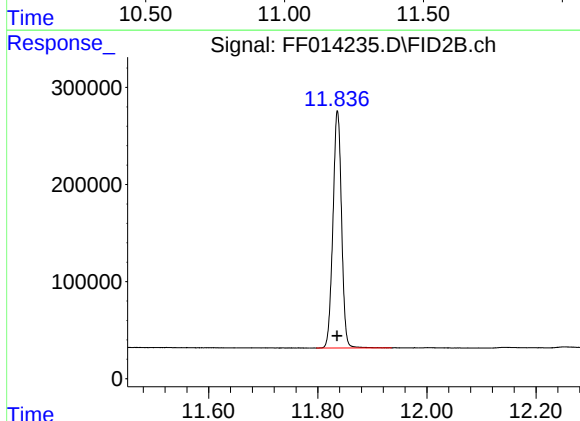
R.T.: 11.065 min
Delta R.T.: -0.003 min
Response: 1987722
Conc: 19.19 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



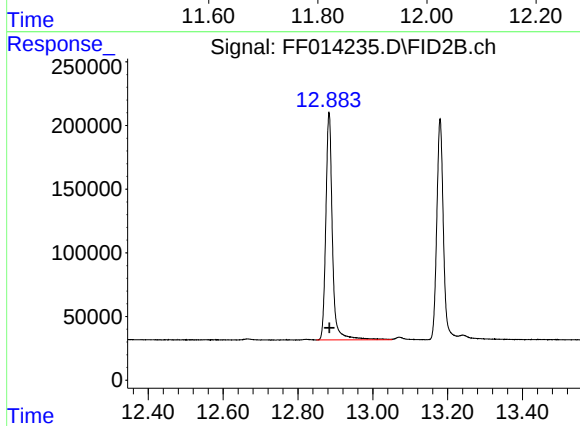
#10 Anthracene (C19.43)

R.T.: 11.139 min
Delta R.T.: -0.005 min
Response: 1757314
Conc: 19.28 ug/ml



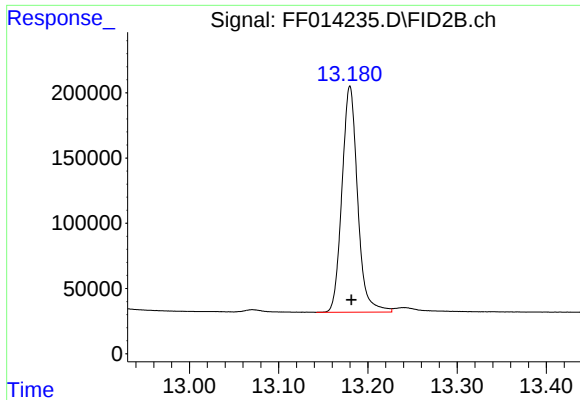
#11 ortho-Terphenyl (SURR)

R.T.: 11.836 min
Delta R.T.: 0.000 min
Response: 2673611
Conc: 18.94 ug/ml



#12 Fluoranthene (C21.85)

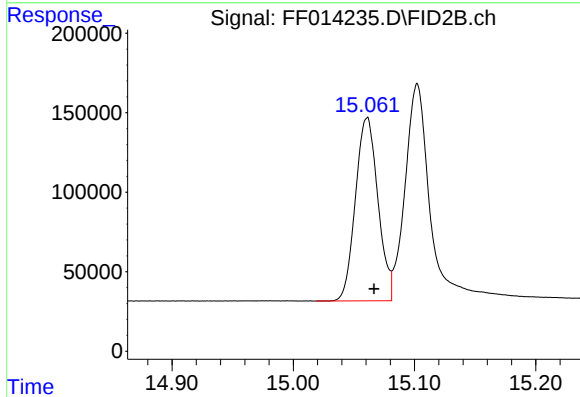
R.T.: 12.883 min
Delta R.T.: -0.002 min
Response: 2190748
Conc: 19.25 ug/ml



#13 Pyrene (C20.8)

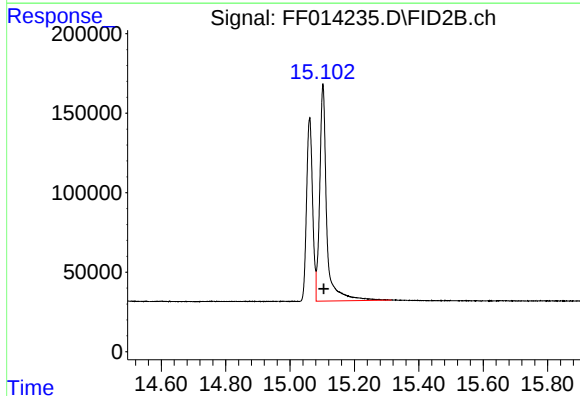
R.T.: 13.180 min
Delta R.T.: -0.002 min
Response: 2108997
Conc: 18.88 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD



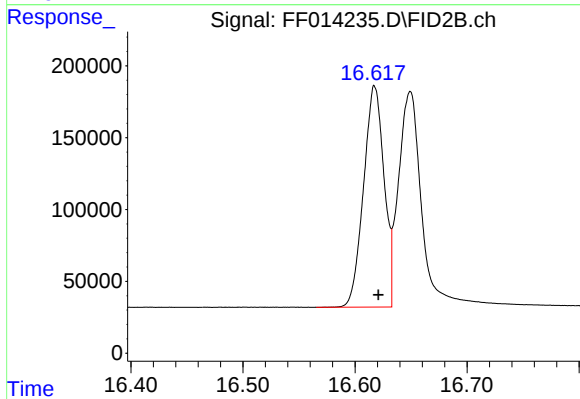
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.061 min
Delta R.T.: -0.006 min
Response: 1485953
Conc: 19.60 ug/ml



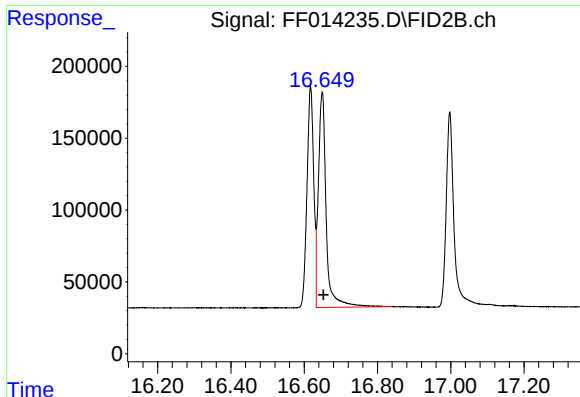
#15 Chrysene (C27.41)

R.T.: 15.102 min
Delta R.T.: -0.003 min
Response: 2075977
Conc: 18.88 ug/ml



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

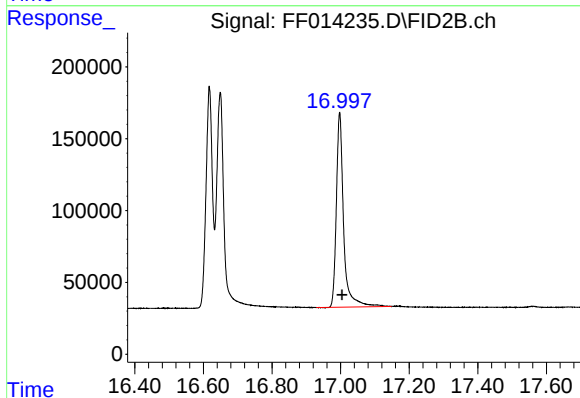
R.T.: 16.618 min
Delta R.T.: -0.003 min
Response: 1957529
Conc: 19.51 ug/ml



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

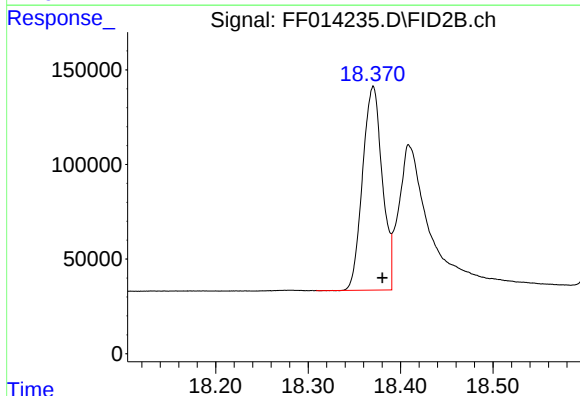
R.T.: 16.649 min
Delta R.T.: -0.003 min
Response: 2218205
Conc: 18.75 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



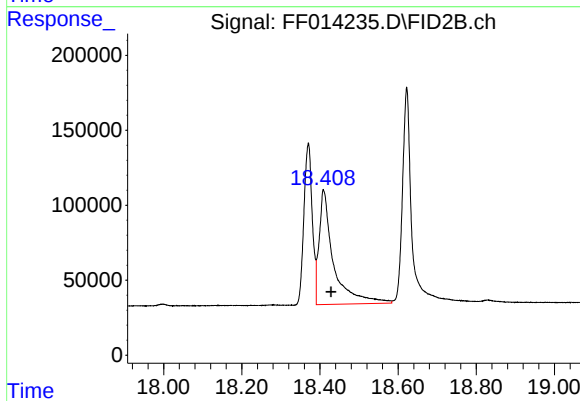
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.997 min
Delta R.T.: -0.007 min
Response: 1992606
Conc: 18.98 ug/ml



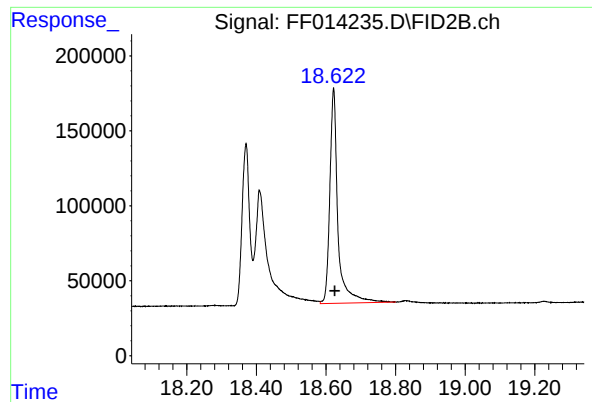
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.370 min
Delta R.T.: -0.010 min
Response: 1595660
Conc: 17.94 ug/ml



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

R.T.: 18.410 min
Delta R.T.: -0.019 min
Response: 1968093
Conc: 18.51 ug/ml



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

R.T.: 18.622 min
Delta R.T.: -0.004 min
Response: 2323333
Conc: 18.87 ug/ml

Instrument :

FID_F

ClientSampleId :

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