

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF051424AR\
 Data File : FF014251.D
 Signal(s) : FID2B.ch
 Acq On : 15 May 2024 04:19
 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 15 06:38:00 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...	7.902	2118999	20.193 ug/ml
Spiked Amount 50.000		Recovery =	40.39%
6) S 2-Fluorobiphenyl (SURR)	8.773	1216585	20.103 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.21%
11) S ortho-Terphenyl (SURR)	11.835	2794752	19.800 ug/ml
Spiked Amount 50.000		Recovery =	39.60%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.517	2389740	19.740 ug/ml
2) T Naphthalene (C11.7)	6.181	2358586	20.141 ug/ml
3) T 2-Methylnaphthalene (...)	7.274	2265088	20.328 ug/ml
5) T Acenaphthylene (C15.06)	8.572	2231289	19.874 ug/ml
7) T Acenaphthene (C15.5)	8.871	2484731	19.643 ug/ml
8) T Flouorene (C16.55)	9.660	2161008	20.294 ug/ml
9) T Phenanthrene (C19.36)	11.063	2078775	20.068 ug/ml
10) T Anthracene (C19.43)	11.138	1870927	20.531 ug/ml
12) T Fluoranthene (C21.85)	12.881	2290345	20.125 ug/ml
13) T Pyrene (C20.8)	13.178	2199874	19.695 ug/ml
14) T Benzo[a]anthracene (C...	15.059	1572522	20.747 ug/ml
15) T Chrysene (C27.41)	15.100	2196072	19.969 ug/ml
16) T benzo[b]fluoranthene ...	16.616	2045705	20.384 ug/ml
17) T Bnezo[k]fluoranthene ...	16.647	2339146	19.770 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.996	2132865	20.317 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.368	1620469	18.222 ug/ml
20) T Dibenz[a,h]anthracene...	18.407	2008853	18.889 ug/ml
21) T Benzo[g,h,i]perylene ...	18.620	2391332	19.420 ug/ml

(f)=RT Delta > 1/2 Window

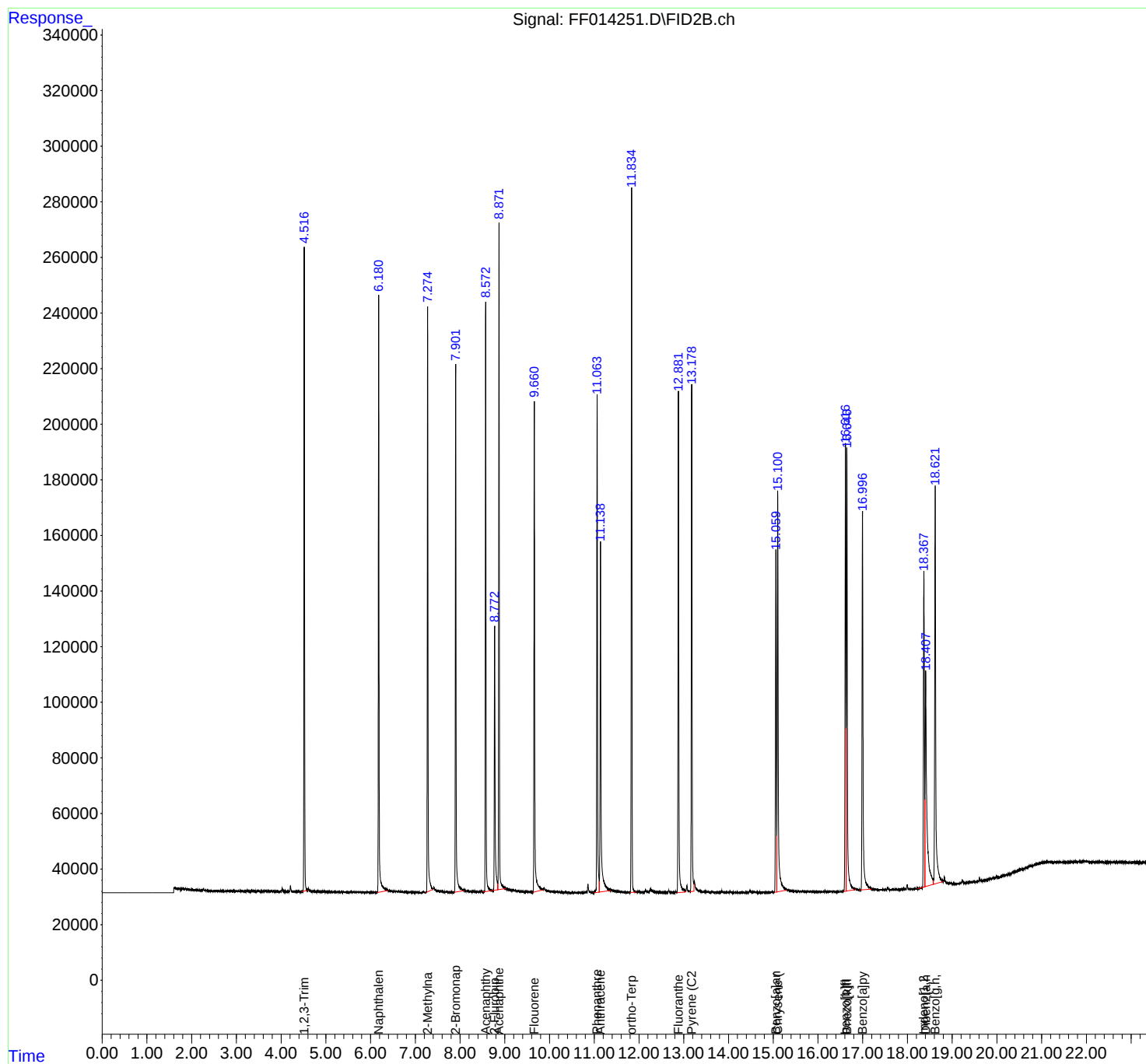
(m)=manual int.

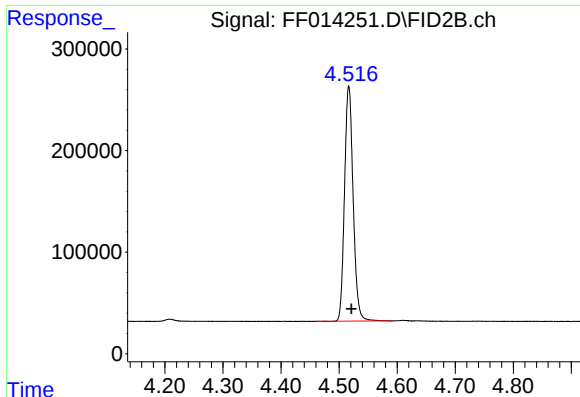
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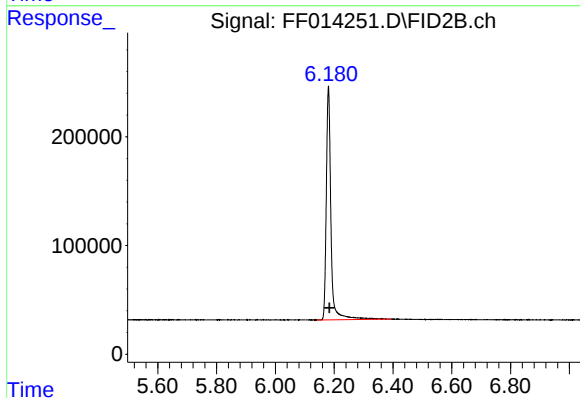




#1 1,2,3-Trimethylbenzene (C10.1)

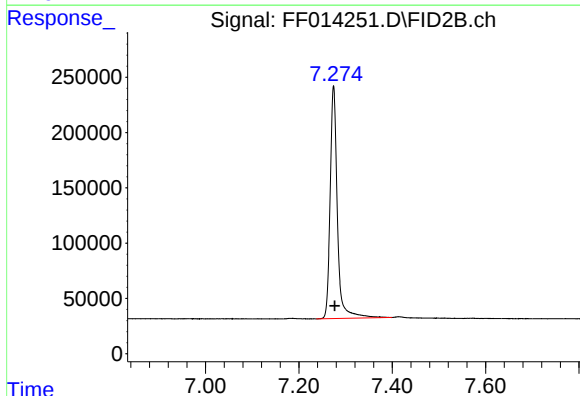
R.T.: 4.517 min
Delta R.T.: -0.004 min
Response: 2389740
Conc: 19.74 ug/ml

Instrument :
FID_F
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20 PPM AROMATIC HC STD



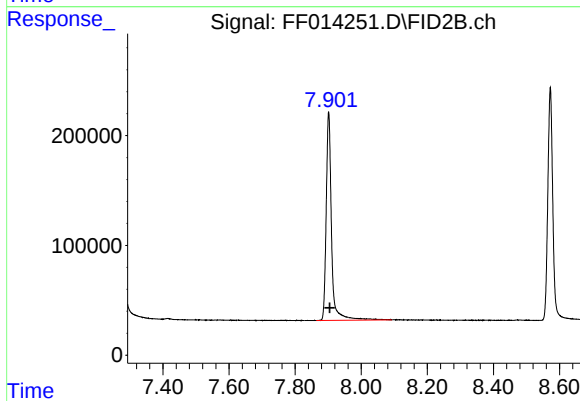
#2 Naphthalene (C11.7)

R.T.: 6.181 min
Delta R.T.: -0.003 min
Response: 2358586
Conc: 20.14 ug/ml



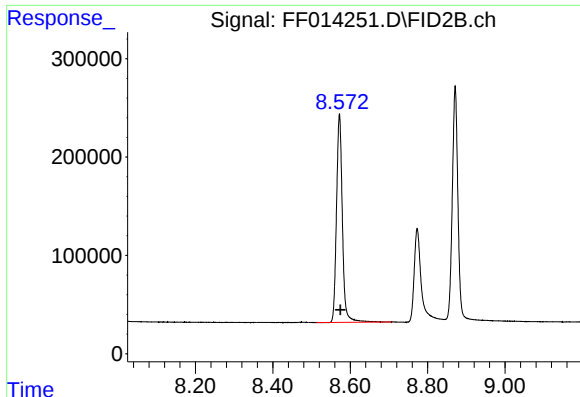
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.274 min
Delta R.T.: -0.003 min
Response: 2265088
Conc: 20.33 ug/ml



#4 2-Bromonaphthalene (SURR)

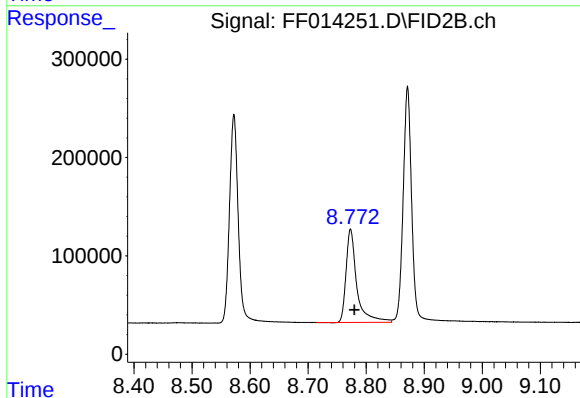
R.T.: 7.902 min
Delta R.T.: -0.003 min
Response: 2118999
Conc: 20.19 ug/ml



#5 Acenaphthylene (C15.06)

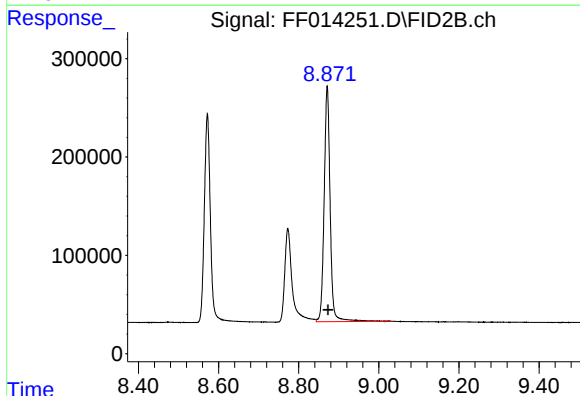
R.T.: 8.572 min
Delta R.T.: -0.003 min
Response: 2231289
Conc: 19.87 ug/ml

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20 PPM AROMATIC HC STD



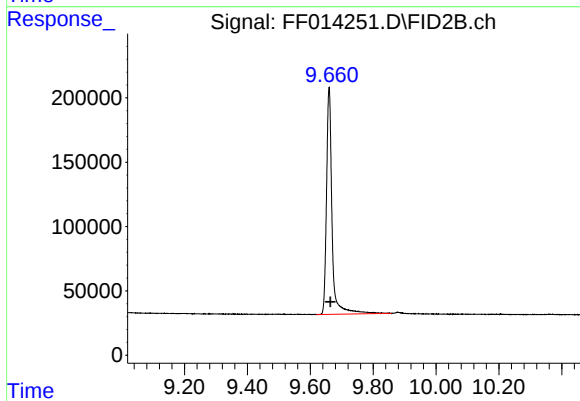
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.773 min
Delta R.T.: -0.006 min
Response: 1216585
Conc: 20.10 ug/ml



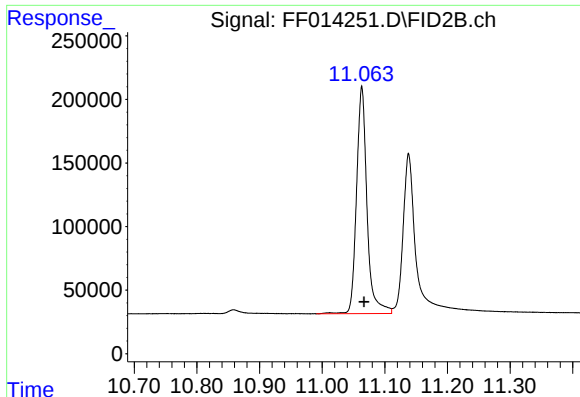
#7 Acenaphthene (C15.5)

R.T.: 8.871 min
Delta R.T.: -0.002 min
Response: 2484731
Conc: 19.64 ug/ml



#8 Fluorene (C16.55)

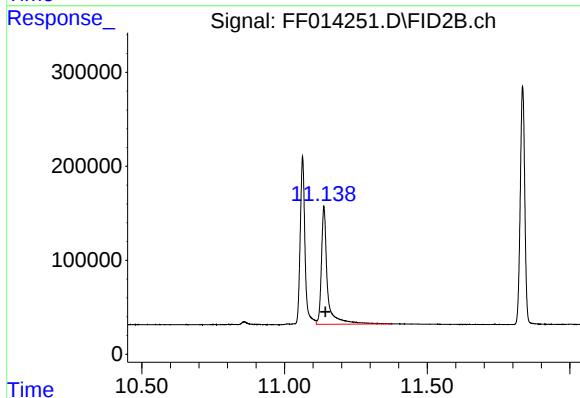
R.T.: 9.660 min
Delta R.T.: -0.004 min
Response: 2161008
Conc: 20.29 ug/ml



#9 Phenanthrene (C19.36)

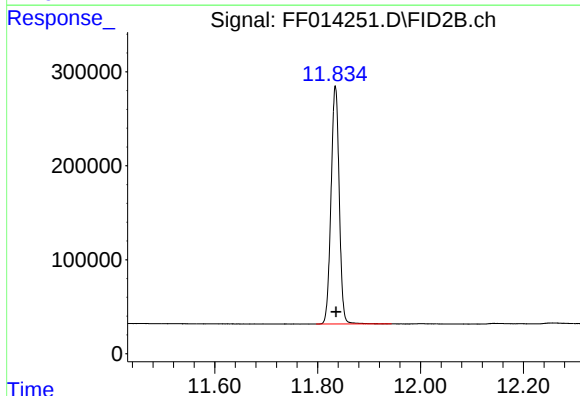
R.T.: 11.063 min
Delta R.T.: -0.004 min
Response: 2078775
Conc: 20.07 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



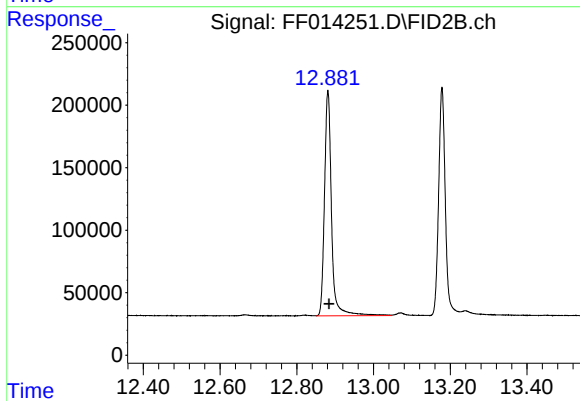
#10 Anthracene (C19.43)

R.T.: 11.138 min
Delta R.T.: -0.006 min
Response: 1870927
Conc: 20.53 ug/ml



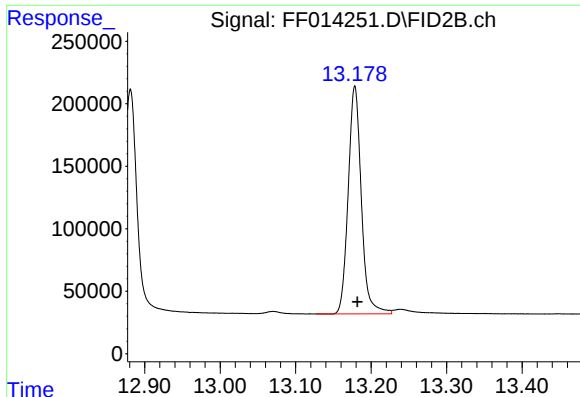
#11 ortho-Terphenyl (SURR)

R.T.: 11.835 min
Delta R.T.: -0.001 min
Response: 2794752
Conc: 19.80 ug/ml



#12 Fluoranthene (C21.85)

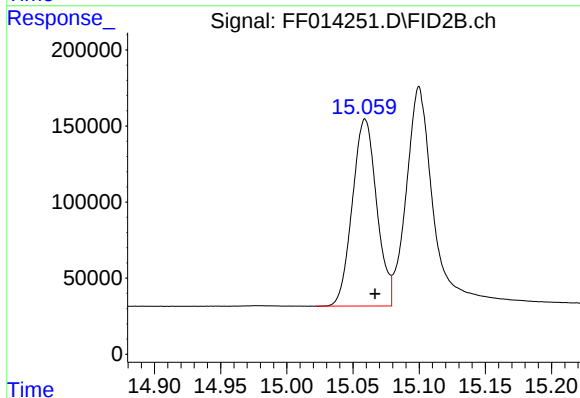
R.T.: 12.881 min
Delta R.T.: -0.003 min
Response: 2290345
Conc: 20.12 ug/ml



#13 Pyrene (C20.8)

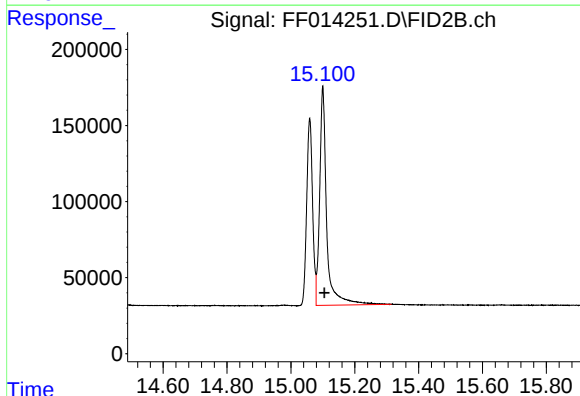
R.T.: 13.178 min
Delta R.T.: -0.003 min
Response: 2199874
Conc: 19.70 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



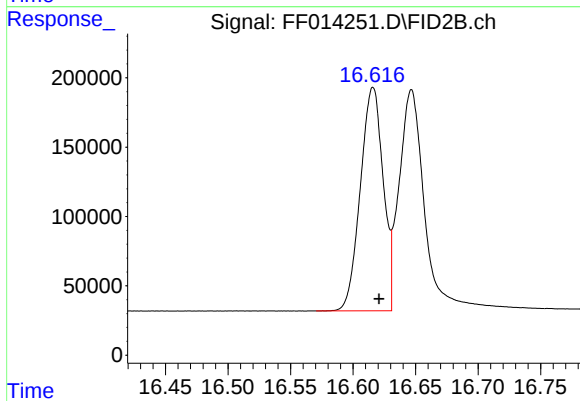
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.059 min
Delta R.T.: -0.008 min
Response: 1572522
Conc: 20.75 ug/ml



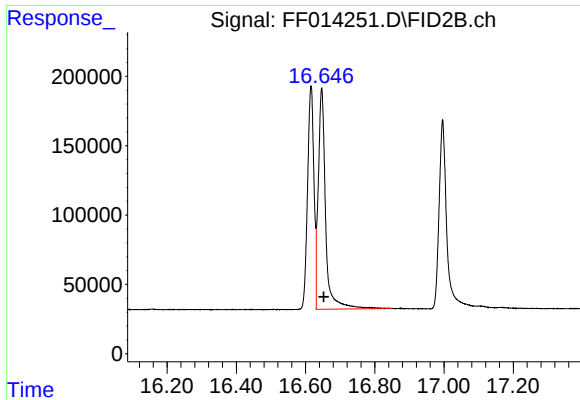
#15 Chrysene (C27.41)

R.T.: 15.100 min
Delta R.T.: -0.005 min
Response: 2196072
Conc: 19.97 ug/ml



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

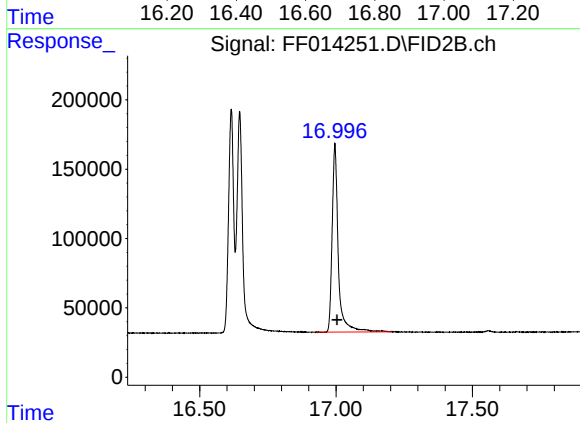
R.T.: 16.616 min
Delta R.T.: -0.005 min
Response: 2045705
Conc: 20.38 ug/ml



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

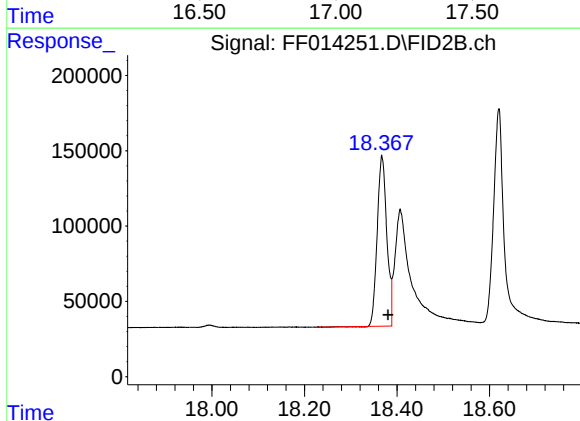
R.T.: 16.647 min
Delta R.T.: -0.006 min
Response: 2339146
Conc: 19.77 ug/ml

Instrument :
FID_F
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20 PPM AROMATIC HC STD



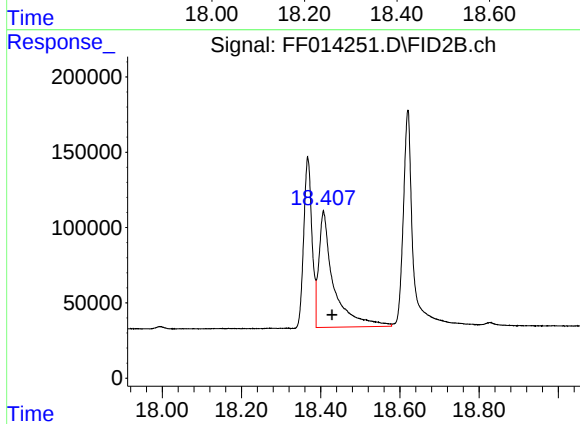
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.996 min
Delta R.T.: -0.009 min
Response: 2132865
Conc: 20.32 ug/ml



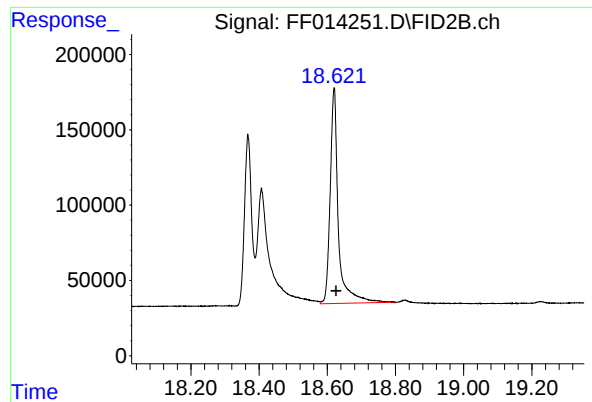
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.368 min
Delta R.T.: -0.013 min
Response: 1620469
Conc: 18.22 ug/ml



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

R.T.: 18.407 min
Delta R.T.: -0.022 min
Response: 2008853
Conc: 18.89 ug/ml



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

R.T.: 18.620 min
Delta R.T.: -0.006 min
Response: 2391332
Conc: 19.42 ug/ml

Instrument :

FID_F

ClientSampleId :

20 PPM AROMATIC HC STD