

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF052224AR\
 Data File : FF014268.D
 Signal(s) : FID2B.ch
 Acq On : 22 May 2024 12:55
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 22 13:10:24 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 052224.M
 Quant Title : GC Extractables
 QLast Update : Wed May 22 12:10:50 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	2055269	19.012 ug/ml
Spiked Amount 50.000		Recovery =	38.02%
6) S 2-Fluorobiphenyl (SURR)	8.774	1160898	19.150 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.30%
11) S ortho-Terphenyl (SURR)	11.834	2630016	18.665 ug/ml
Spiked Amount 50.000		Recovery =	37.33%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.516	2533830	18.829 ug/ml
2) T Naphthalene (C11.7)	6.180	2455271	19.030 ug/ml
3) T 2-Methylnaphthalene (...)	7.274	2224809	19.209 ug/ml
5) T Acenaphthylene (C15.06)	8.571	2446978	19.061 ug/ml
7) T Acenaphthene (C15.5)	8.871	2568781	18.820 ug/ml
8) T Flouorene (C16.55)	9.659	1950828	19.883 ug/ml
9) T Phenanthrene (C19.36)	11.062	1895499	18.681 ug/ml
10) T Anthracene (C19.43)	11.138	1736041	18.791 ug/ml
12) T Fluoranthene (C21.85)	12.881	2253575	19.030 ug/ml
13) T Pyrene (C20.8)	13.179	2298448	19.111 ug/ml
14) T Benzo[a]anthracene (C...	15.059	1110007	21.373 ug/ml
15) T Chrysene (C27.41)	15.100	1818319	21.180 ug/ml
16) T benzo[b]fluoranthene ...	16.616	1996475	20.077 ug/ml
17) T Bnezo[k]fluoranthene ...	16.647	2141901	19.817 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.996	1847114	20.043 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.369	1118471	16.166 ug/ml
20) T Dibenz[a,h]anthracene...	18.413	1210191	19.901 ug/ml
21) T Benzo[g,h,i]perylene ...	18.620	2161414	17.719 ug/ml

(f)=RT Delta > 1/2 Window

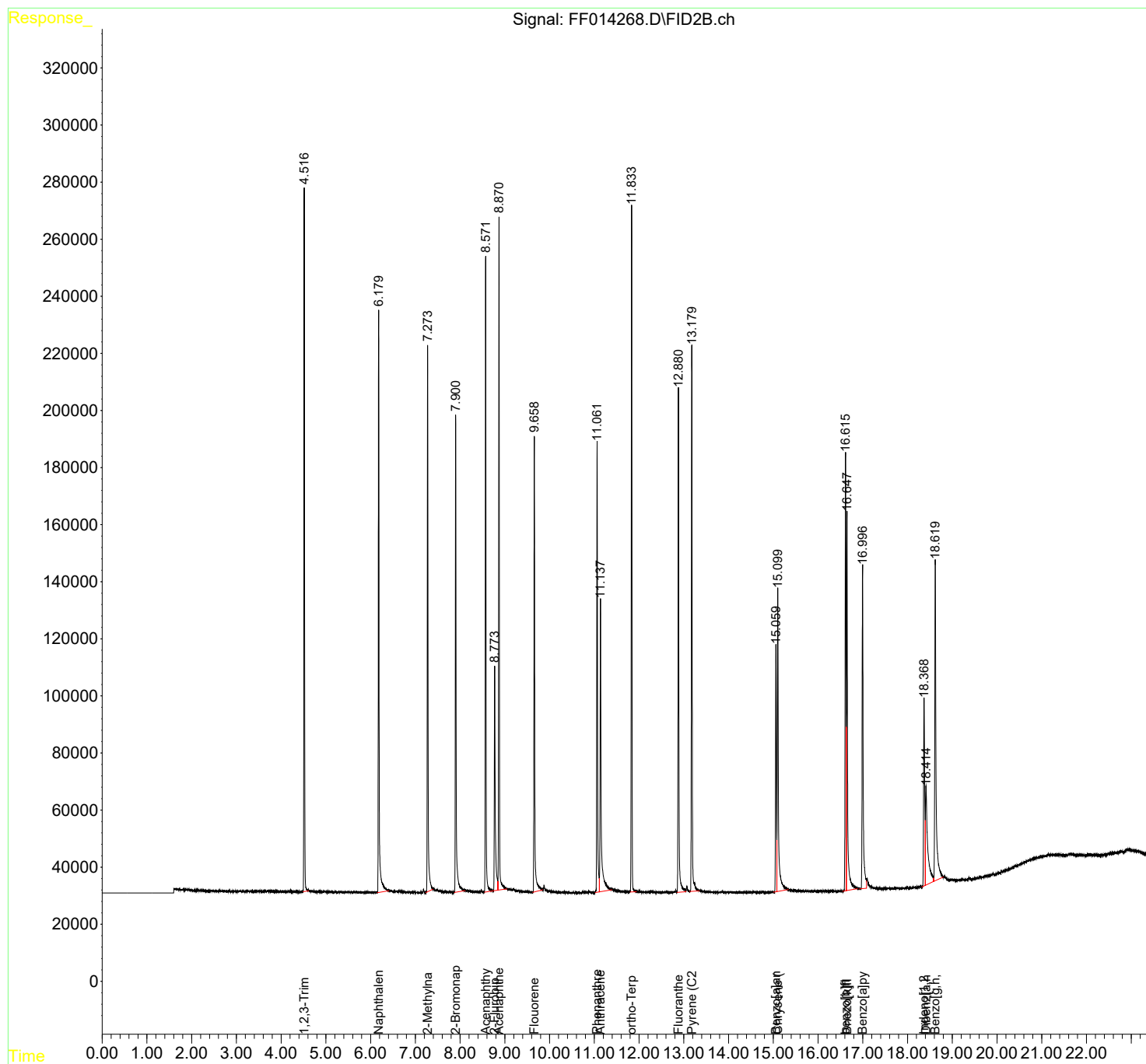
(m)=manual int.

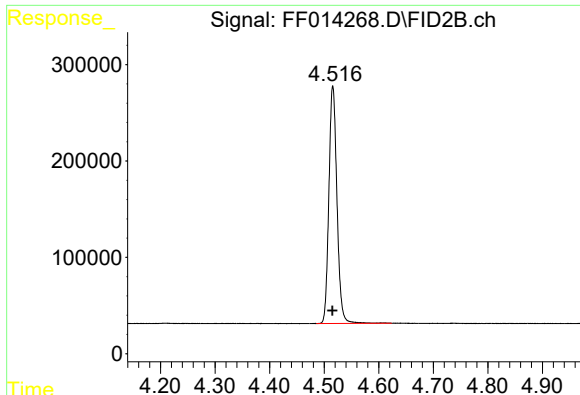
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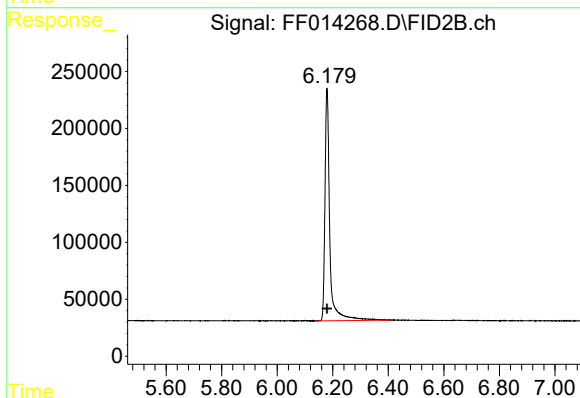




#1 1,2,3-Trimethylbenzene (C10.1)

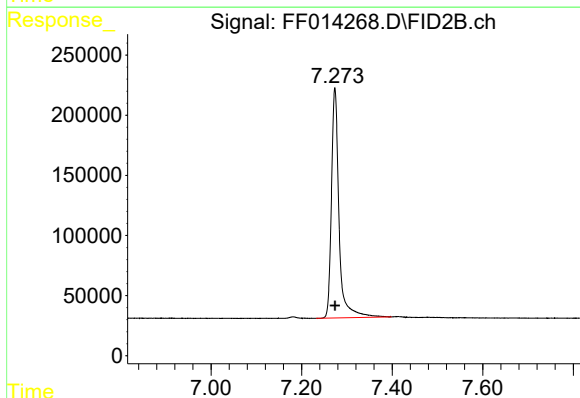
R.T.: 4.516 min
Delta R.T.: 0.001 min
Response: 2533830
Conc: 18.83 ug/ml

Instrument :
FID_F
ClientSampleId :



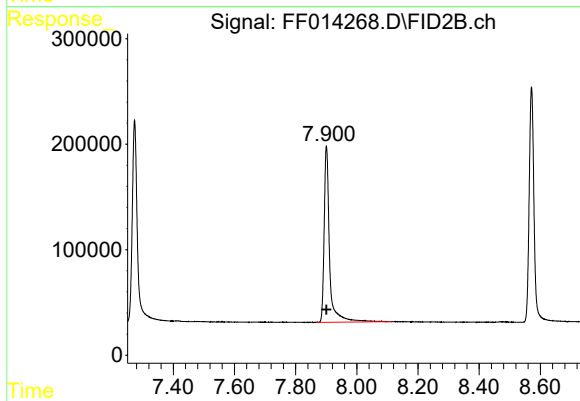
#2 Naphthalene (C11.7)

R.T.: 6.180 min
Delta R.T.: 0.000 min
Response: 2455271
Conc: 19.03 ug/ml



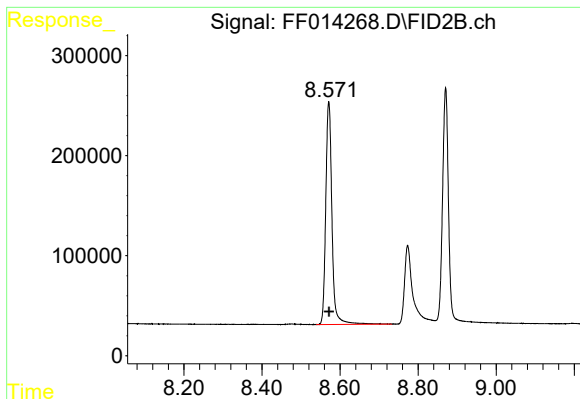
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.274 min
Delta R.T.: 0.000 min
Response: 2224809
Conc: 19.21 ug/ml



#4 2-Bromonaphthalene (SURR)

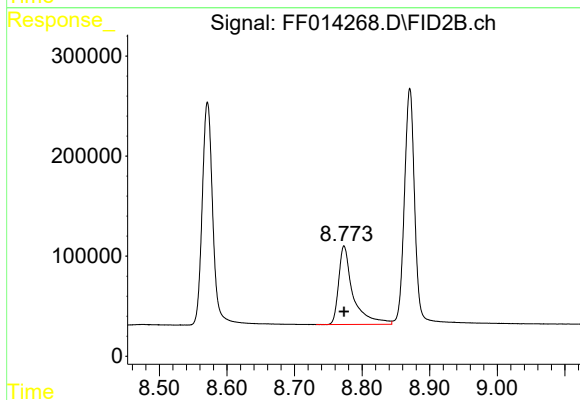
R.T.: 7.901 min
Delta R.T.: 0.000 min
Response: 2055269
Conc: 19.01 ug/ml



#5 Acenaphthylene (C15.06)

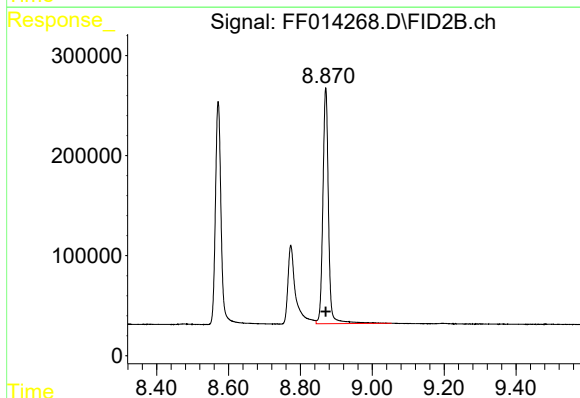
R.T.: 8.571 min
Delta R.T.: 0.000 min
Response: 2446978
Conc: 19.06 ug/ml

Instrument :
FID_F
ClientSampleId :



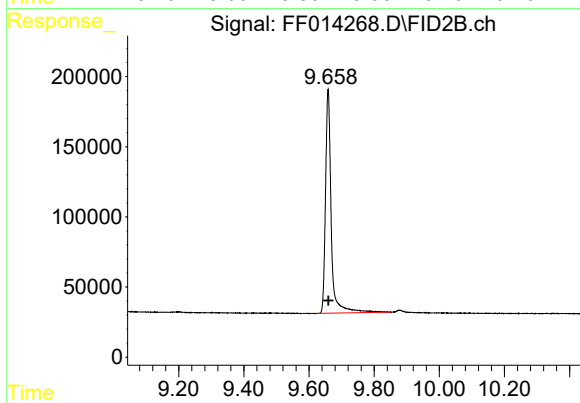
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.774 min
Delta R.T.: 0.000 min
Response: 1160898
Conc: 19.15 ug/ml



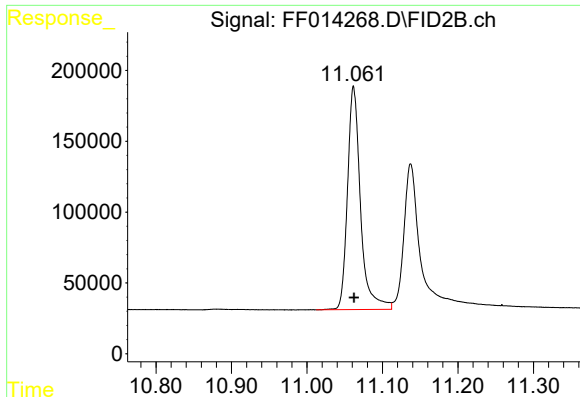
#7 Acenaphthene (C15.5)

R.T.: 8.871 min
Delta R.T.: 0.000 min
Response: 2568781
Conc: 18.82 ug/ml



#8 Flouorene (C16.55)

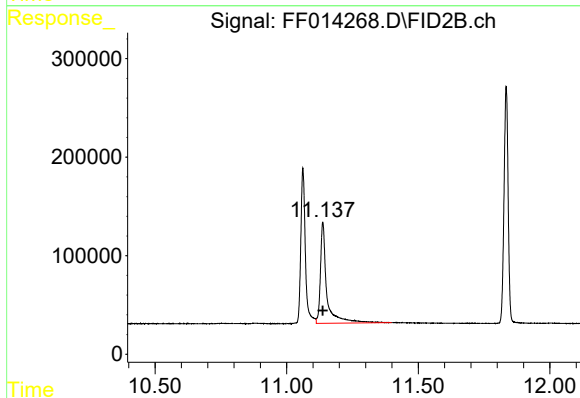
R.T.: 9.659 min
Delta R.T.: 0.000 min
Response: 1950828
Conc: 19.88 ug/ml



#9 Phenanthrene (C19.36)

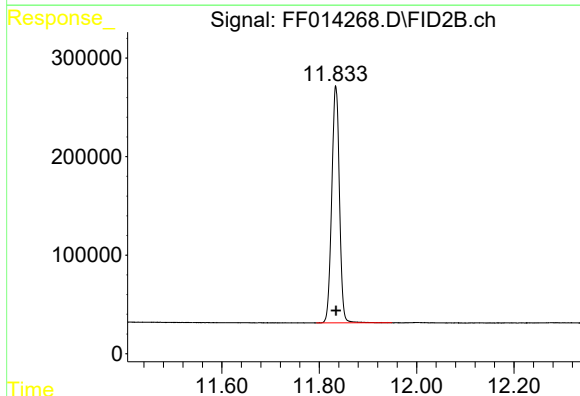
R.T.: 11.062 min
Delta R.T.: 0.000 min
Response: 1895499
Conc: 18.68 ug/ml

Instrument :
FID_F
ClientSampleId :



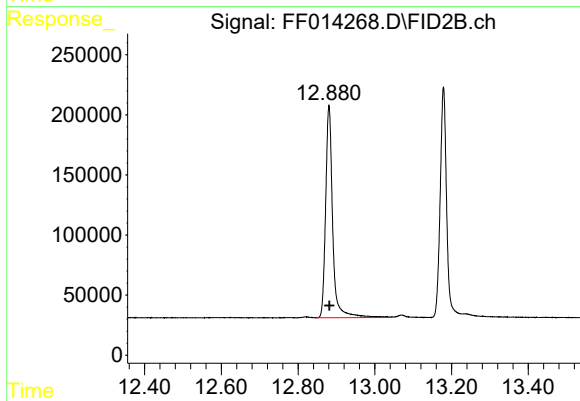
#10 Anthracene (C19.43)

R.T.: 11.138 min
Delta R.T.: 0.000 min
Response: 1736041
Conc: 18.79 ug/ml



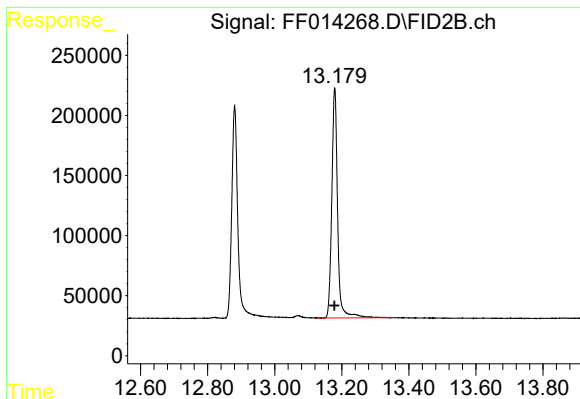
#11 ortho-Terphenyl (SURR)

R.T.: 11.834 min
Delta R.T.: 0.000 min
Response: 2630016
Conc: 18.67 ug/ml



#12 Fluoranthene (C21.85)

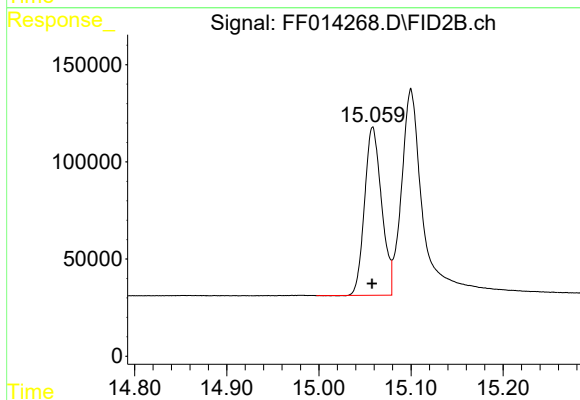
R.T.: 12.881 min
Delta R.T.: 0.000 min
Response: 2253575
Conc: 19.03 ug/ml



#13 Pyrene (C20.8)

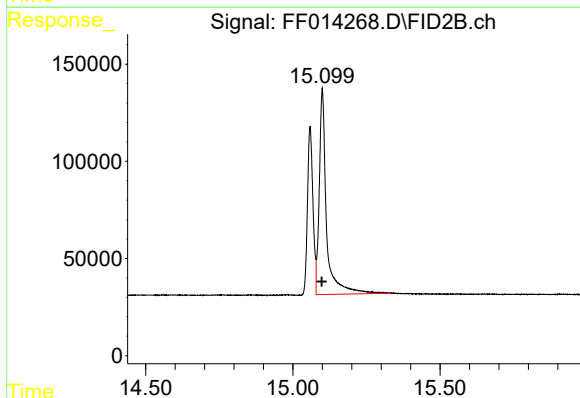
R.T.: 13.179 min
Delta R.T.: 0.000 min
Response: 2298448
Conc: 19.11 ug/ml

Instrument :
FID_F
ClientSampleId :



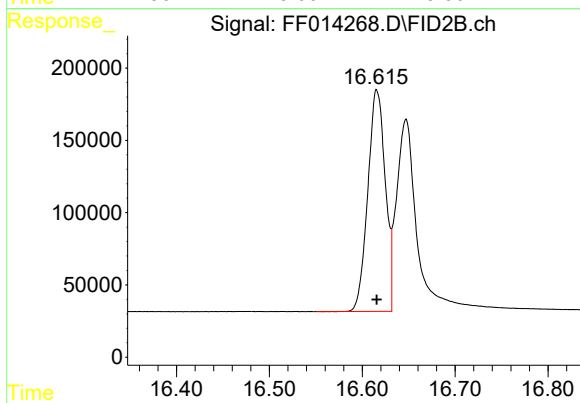
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.059 min
Delta R.T.: 0.000 min
Response: 1110007
Conc: 21.37 ug/ml



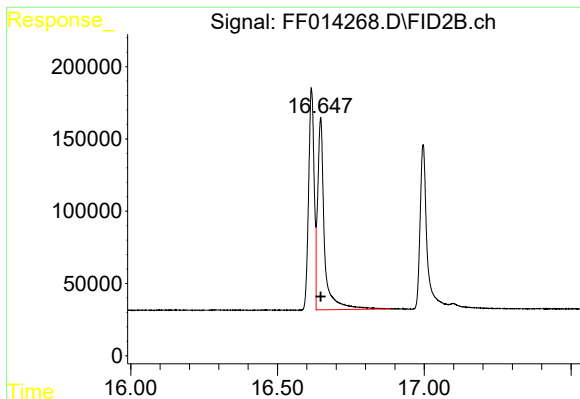
#15 Chrysene (C27.41)

R.T.: 15.100 min
Delta R.T.: 0.001 min
Response: 1818319
Conc: 21.18 ug/ml



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

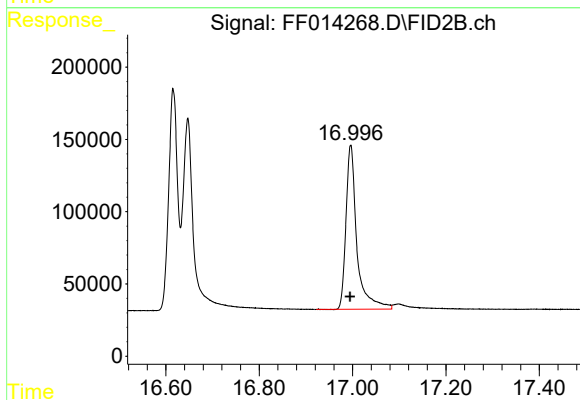
R.T.: 16.616 min
Delta R.T.: 0.000 min
Response: 1996475
Conc: 20.08 ug/ml



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

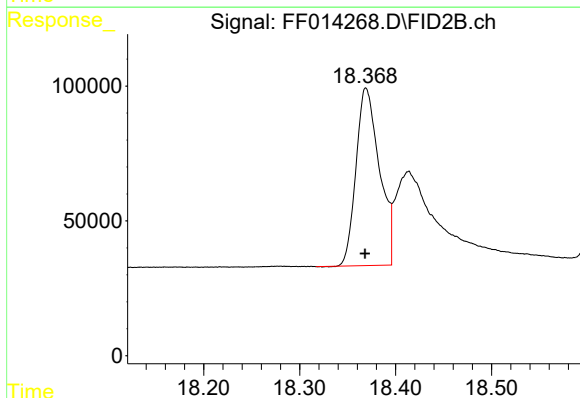
R.T.: 16.647 min
Delta R.T.: 0.000 min
Response: 2141901
Conc: 19.82 ug/ml

Instrument :
FID_F
ClientSampleId :



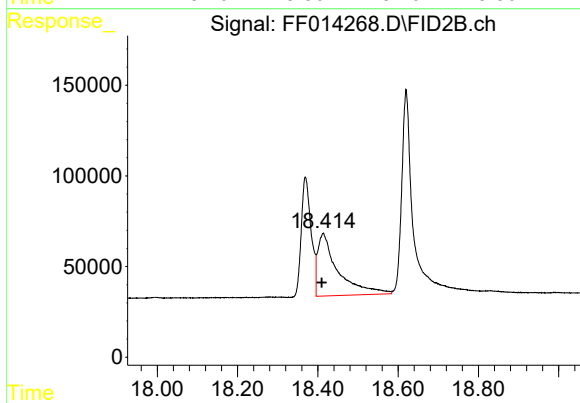
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.996 min
Delta R.T.: 0.001 min
Response: 1847114
Conc: 20.04 ug/ml



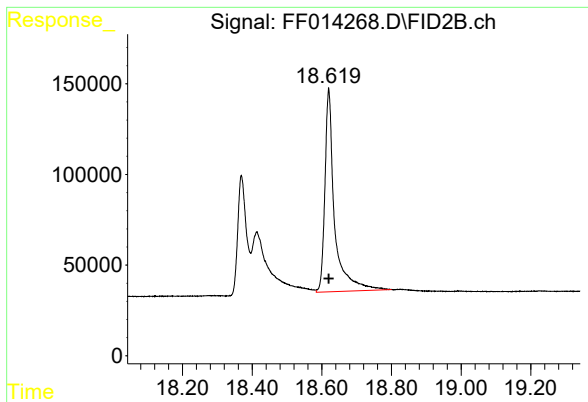
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.369 min
Delta R.T.: 0.001 min
Response: 1118471
Conc: 16.17 ug/ml



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

R.T.: 18.413 min
Delta R.T.: 0.003 min
Response: 1210191
Conc: 19.90 ug/ml



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

R.T.: 18.620 min
Delta R.T.: 0.000 min
Response: 2161414
Conc: 17.72 ug/ml

Instrument :

FID_F

ClientSampleId :