

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF031125AR\
 Data File : FF015648.D
 Signal(s) : FID2B.ch
 Acq On : 11 Mar 2025 09:36
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 12 01:13:41 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 022625.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 26 12:36:06 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...	7.996	2455367	21.092 ug/ml
Spiked Amount 50.000		Recovery =	42.18%
6) S 2-Fluorobiphenyl (SURR)	8.876	1451974	20.384 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.77%
11) S ortho-Terphenyl (SURR)	11.931	2979543	20.255 ug/ml
Spiked Amount 50.000		Recovery =	40.51%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.603	2717342	21.049 ug/ml
2) T Naphthalene (C11.7)	6.275	2665090	20.882 ug/ml
3) T 2-Methylnaphthalene (...)	7.371	2659676	21.005 ug/ml
5) T Acenaphthylene (C15.06)	8.671	2882275	20.390 ug/ml
7) T Acenaphthene (C15.5)	8.968	2984882	20.957 ug/ml
8) T Flouorene (C16.55)	9.760	2785246	20.932 ug/ml
9) T Phenanthrene (C19.36)	11.168	2652790	20.394 ug/ml
10) T Anthracene (C19.43)	11.244	2469960	19.720 ug/ml
12) T Fluoranthene (C21.85)	12.991	2803093	19.849 ug/ml
13) T Pyrene (C20.8)	13.289	2864722	19.926 ug/ml
14) T Benzo[a]anthracene (C...	15.174	2243017	19.095 ug/ml
15) T Chrysene (C27.41)	15.215	2855748	19.120 ug/ml
16) T benzo[b]fluoranthene ...	16.735	2456283	18.860 ug/ml
17) T Bnezo[k]fluoranthene ...	16.766	2787855	18.684 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.119	2411381	19.001 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.495	1876037	18.329 ug/ml
20) T Dibenz[a,h]anthracene...	18.534	2566244	19.848 ug/ml
21) T Benzo[g,h,i]perylene ...	18.746	2366117	19.014 ug/ml

(f)=RT Delta > 1/2 Window

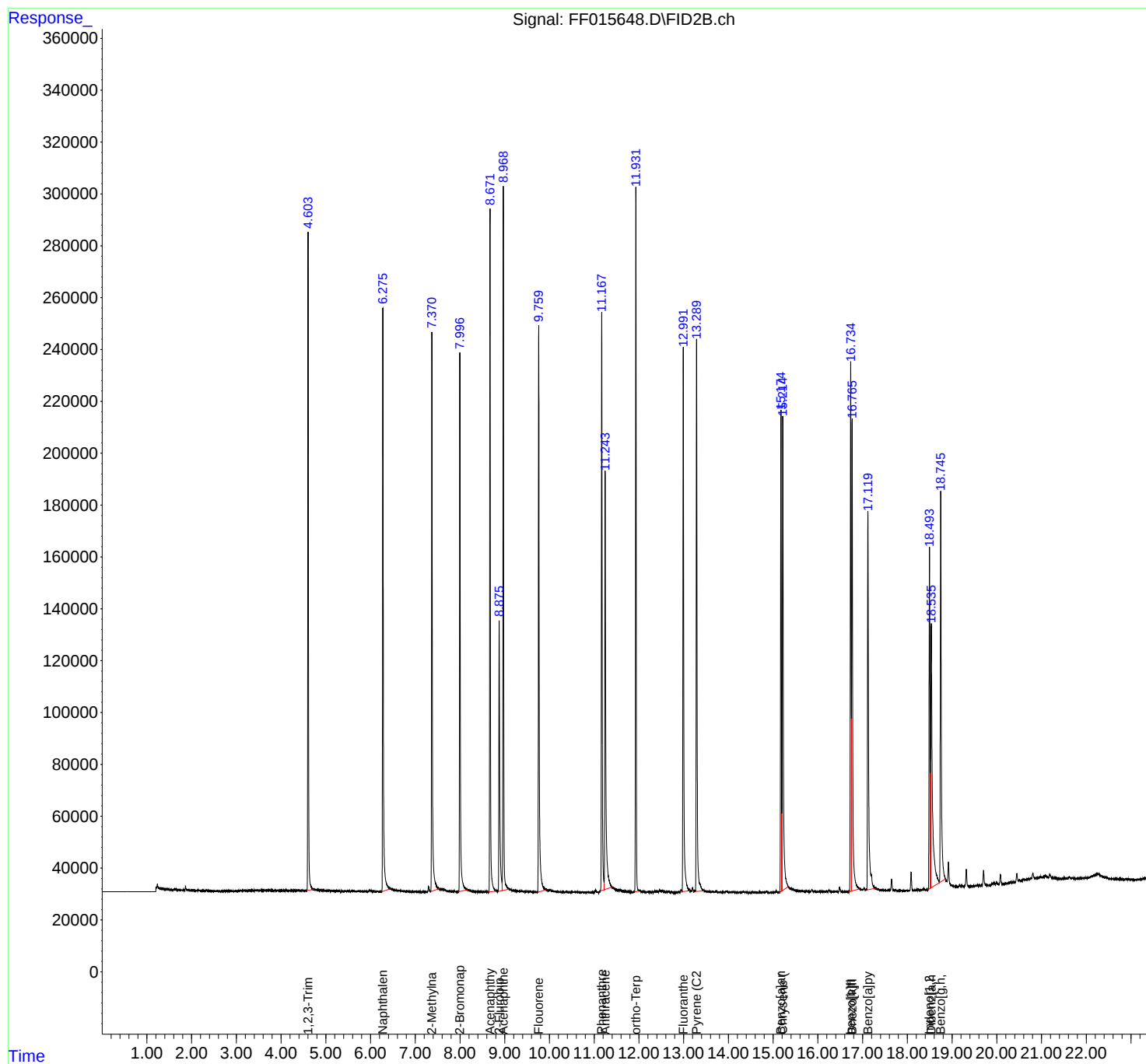
(m)=manual int.

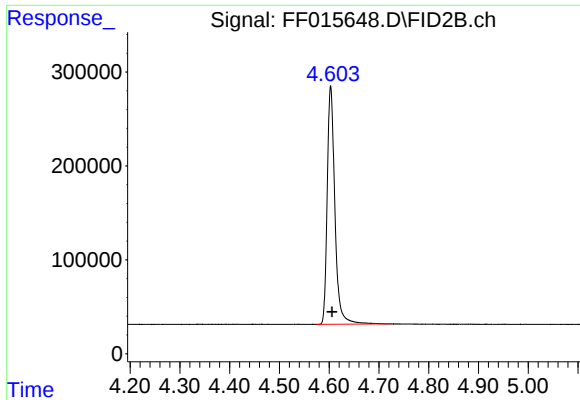
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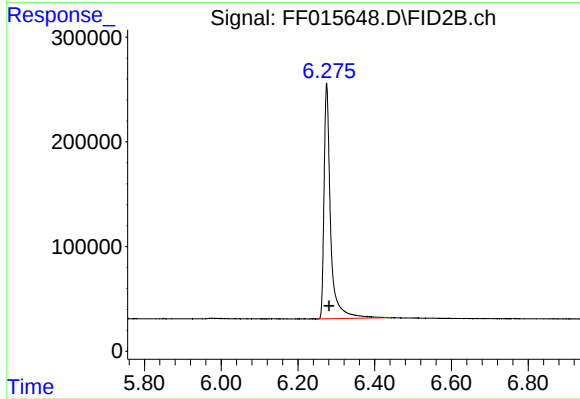




#1 1,2,3-Trimethylbenzene (C10.1)

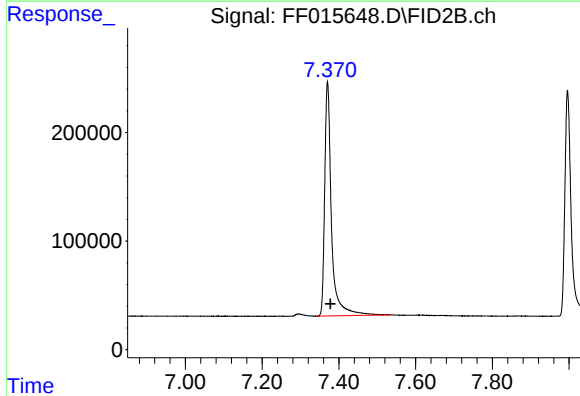
R.T.: 4.603 min
Delta R.T.: -0.003 min
Response: 2717342
Conc: 21.05 ug/ml

Instrument :
FID_F
ClientSampleId :



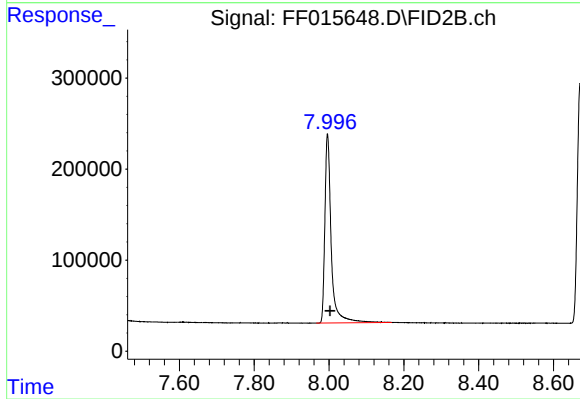
#2 Naphthalene (C11.7)

R.T.: 6.275 min
Delta R.T.: -0.006 min
Response: 2665090
Conc: 20.88 ug/ml



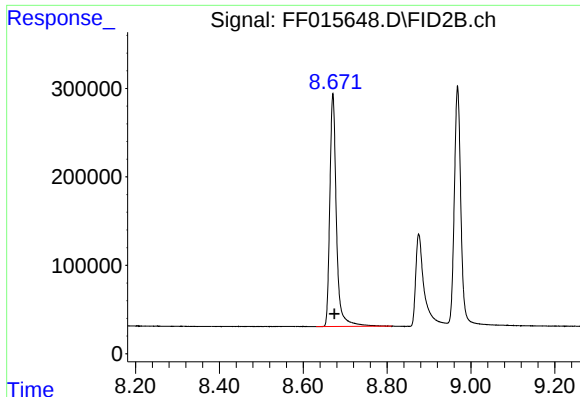
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.371 min
Delta R.T.: -0.007 min
Response: 2659676
Conc: 21.01 ug/ml



#4 2-Bromonaphthalene (SURR)

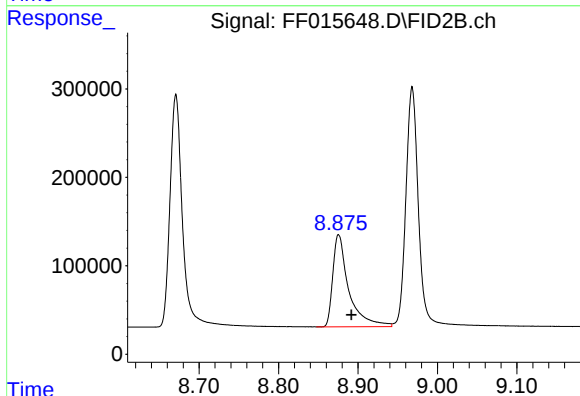
R.T.: 7.996 min
Delta R.T.: -0.007 min
Response: 2455367
Conc: 21.09 ug/ml



#5 Acenaphthylene (C15.06)

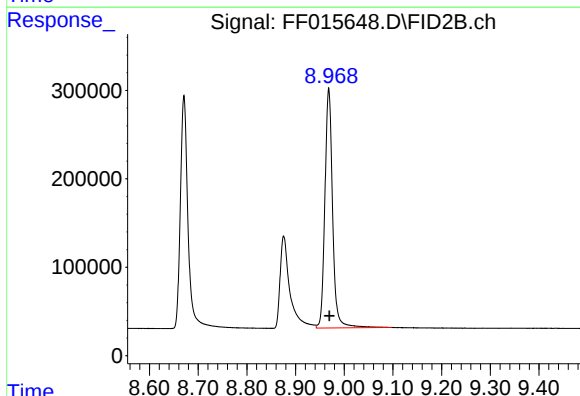
R.T.: 8.671 min
Delta R.T.: -0.003 min
Response: 2882275
Conc: 20.39 ug/ml

Instrument :
FID_F
ClientSampleId :



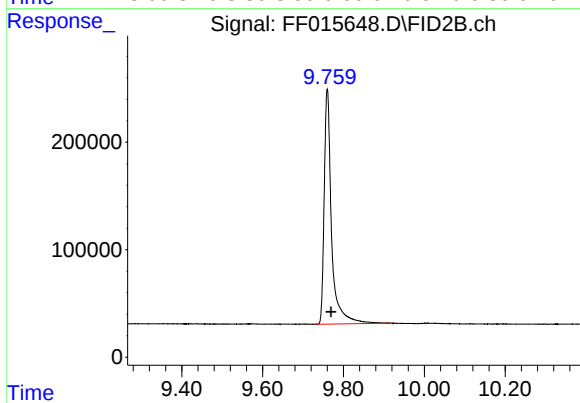
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.876 min
Delta R.T.: -0.016 min
Response: 1451974
Conc: 20.38 ug/ml



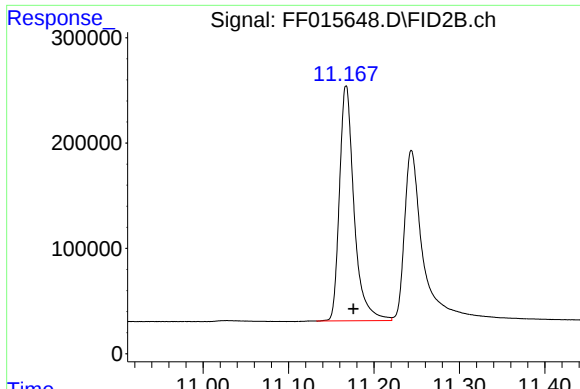
#7 Acenaphthene (C15.5)

R.T.: 8.968 min
Delta R.T.: -0.002 min
Response: 2984882
Conc: 20.96 ug/ml



#8 Fluorene (C16.55)

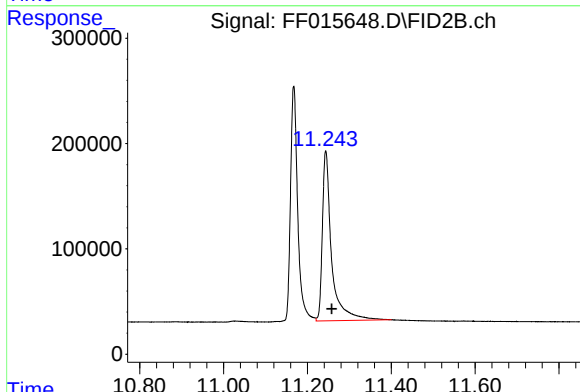
R.T.: 9.760 min
Delta R.T.: -0.009 min
Response: 2785246
Conc: 20.93 ug/ml



#9 Phenanthrene (C19.36)

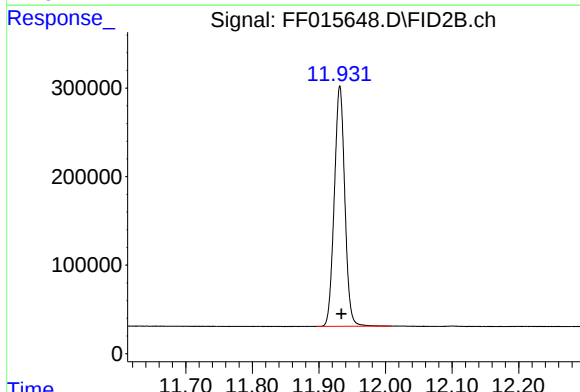
R.T.: 11.168 min
Delta R.T.: -0.008 min
Response: 2652790
Conc: 20.39 ug/ml

Instrument :
FID_F
ClientSampleId :



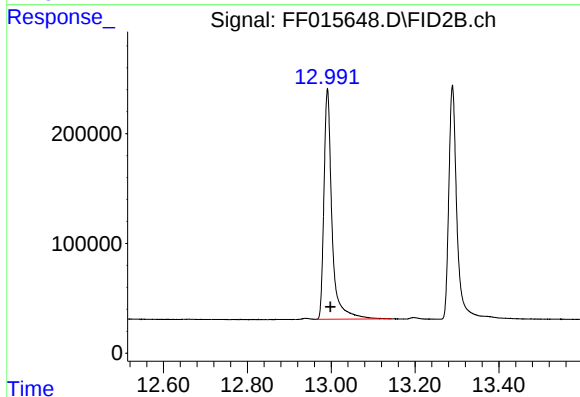
#10 Anthracene (C19.43)

R.T.: 11.244 min
Delta R.T.: -0.014 min
Response: 2469960
Conc: 19.72 ug/ml



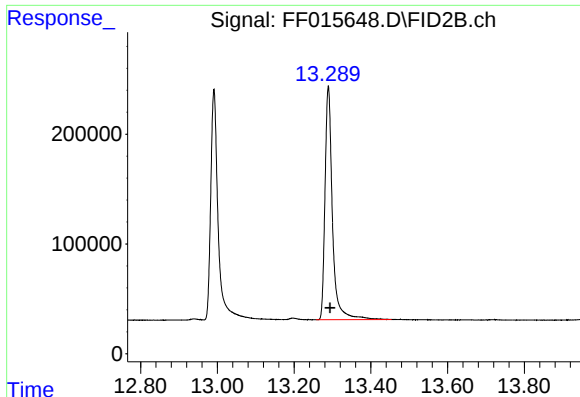
#11 ortho-Terphenyl (SURR)

R.T.: 11.931 min
Delta R.T.: -0.002 min
Response: 2979543
Conc: 20.25 ug/ml



#12 Fluoranthene (C21.85)

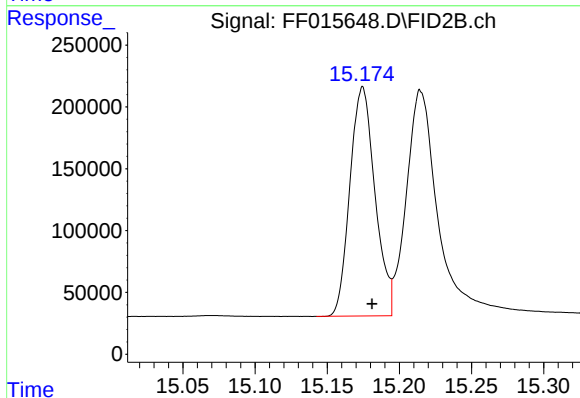
R.T.: 12.991 min
Delta R.T.: -0.007 min
Response: 2803093
Conc: 19.85 ug/ml



#13 Pyrene (C20.8)

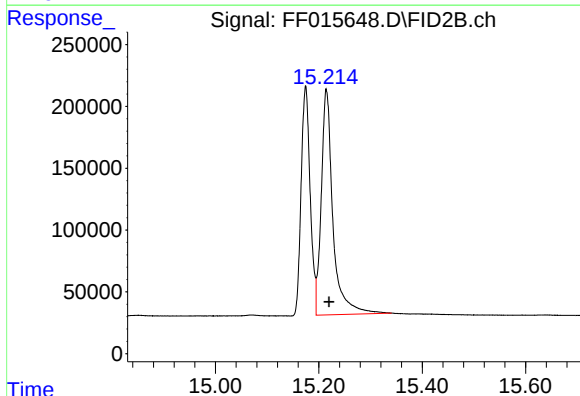
R.T.: 13.289 min
Delta R.T.: -0.005 min
Response: 2864722
Conc: 19.93 ug/ml

Instrument :
FID_F
ClientSampleId :



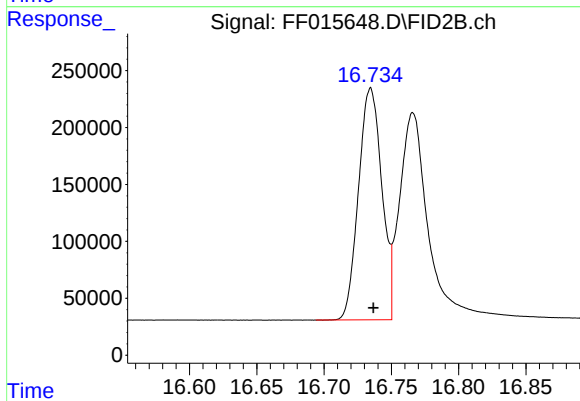
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.174 min
Delta R.T.: -0.007 min
Response: 2243017
Conc: 19.10 ug/ml



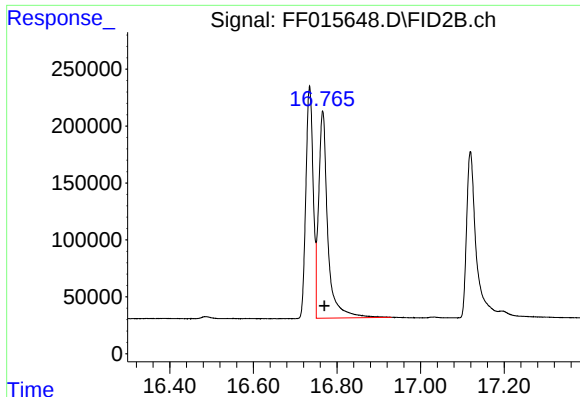
#15 Chrysene (C27.41)

R.T.: 15.215 min
Delta R.T.: -0.005 min
Response: 2855748
Conc: 19.12 ug/ml



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

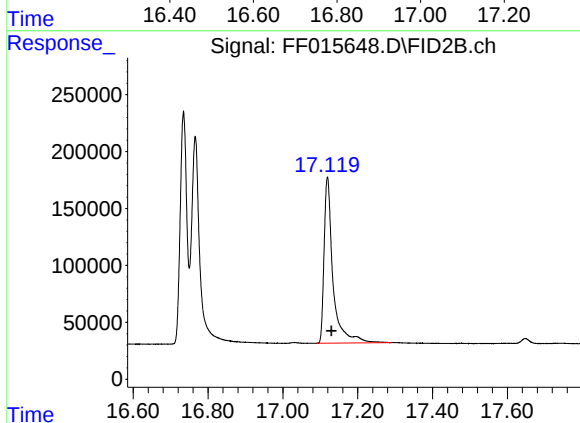
R.T.: 16.735 min
Delta R.T.: -0.002 min
Response: 2456283
Conc: 18.86 ug/ml



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

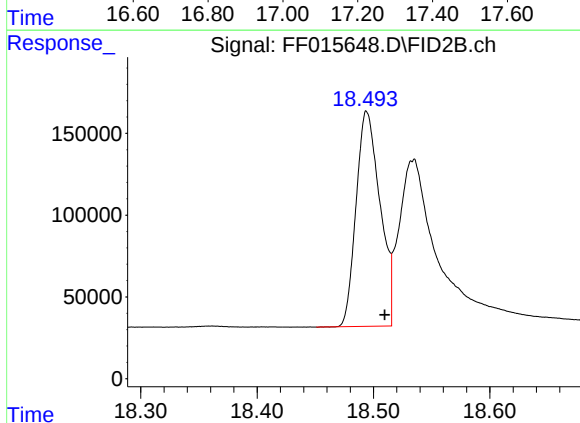
R.T.: 16.766 min
Delta R.T.: -0.004 min
Response: 2787855
Conc: 18.68 ug/ml

Instrument :
FID_F
ClientSampleId :



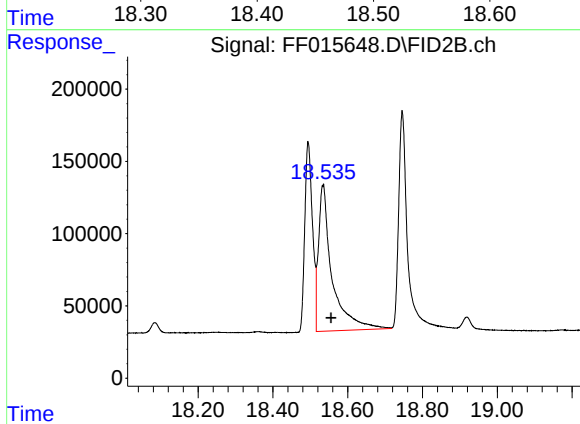
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.119 min
Delta R.T.: -0.010 min
Response: 2411381
Conc: 19.00 ug/ml



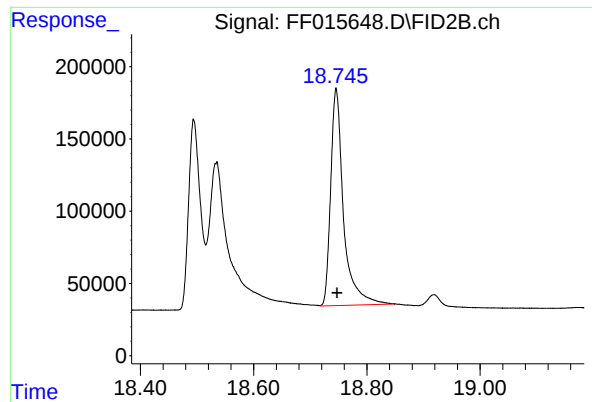
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.495 min
Delta R.T.: -0.015 min
Response: 1876037
Conc: 18.33 ug/ml



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

R.T.: 18.534 min
Delta R.T.: -0.021 min
Response: 2566244
Conc: 19.85 ug/ml



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

R.T.: 18.746 min
Delta R.T.: -0.001 min
Response: 2366117
Conc: 19.01 ug/ml

Instrument :

FID_F

ClientSampleId :