

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF120925AR\
 Data File : FF016882.D
 Signal(s) : FID2B.ch
 Acq On : 09 Dec 2025 16:56
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 10 03:44:39 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 112625.M
 Quant Title : GC Extractables
 QLast Update : Mon Dec 01 08:18:58 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...	7.999	2389280	20.837 ug/ml
Spiked Amount 50.000		Recovery =	41.67%
6) S 2-Fluorobiphenyl (SURR)	8.875	1477946	20.851 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.70%
11) S ortho-Terphenyl (SURR)	11.941	3016770	20.501 ug/ml
Spiked Amount 50.000		Recovery =	41.00%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.593	2805085	20.416 ug/ml
2) T Naphthalene (C11.7)	6.269	2815798	20.703 ug/ml
3) T 2-Methylnaphthalene (...)	7.369	2848680	21.048 ug/ml
5) T Acenaphthylene (C15.06)	8.674	2832764	20.709 ug/ml
7) T Acenaphthene (C15.5)	8.974	2886207	20.111 ug/ml
8) T Flouorene (C16.55)	9.764	2750060	20.717 ug/ml
9) T Phenanthrene (C19.36)	11.171	2726371	20.992 ug/ml
10) T Anthracene (C19.43)	11.247	2801978	22.020 ug/ml
12) T Fluoranthene (C21.85)	12.996	2774305	21.137 ug/ml
13) T Pyrene (C20.8)	13.294	2783306	21.134 ug/ml
14) T Benzo[a]anthracene (C...	15.180	2276105	21.145 ug/ml
15) T Chrysene (C27.41)	15.221	2732536	19.750 ug/ml
16) T benzo[b]fluoranthene ...	16.743	2221607	18.809 ug/ml
17) T Bnezo[k]fluoranthene ...	16.773	2359059	18.304 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.124	2112847	17.565 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.501	1710162	17.295 ug/ml
20) T Dibenz[a,h]anthracene...	18.540	2354733	14.910 ug/ml
21) T Benzo[g,h,i]perylene ...	18.755	2125985	16.738 ug/ml

(f)=RT Delta > 1/2 Window

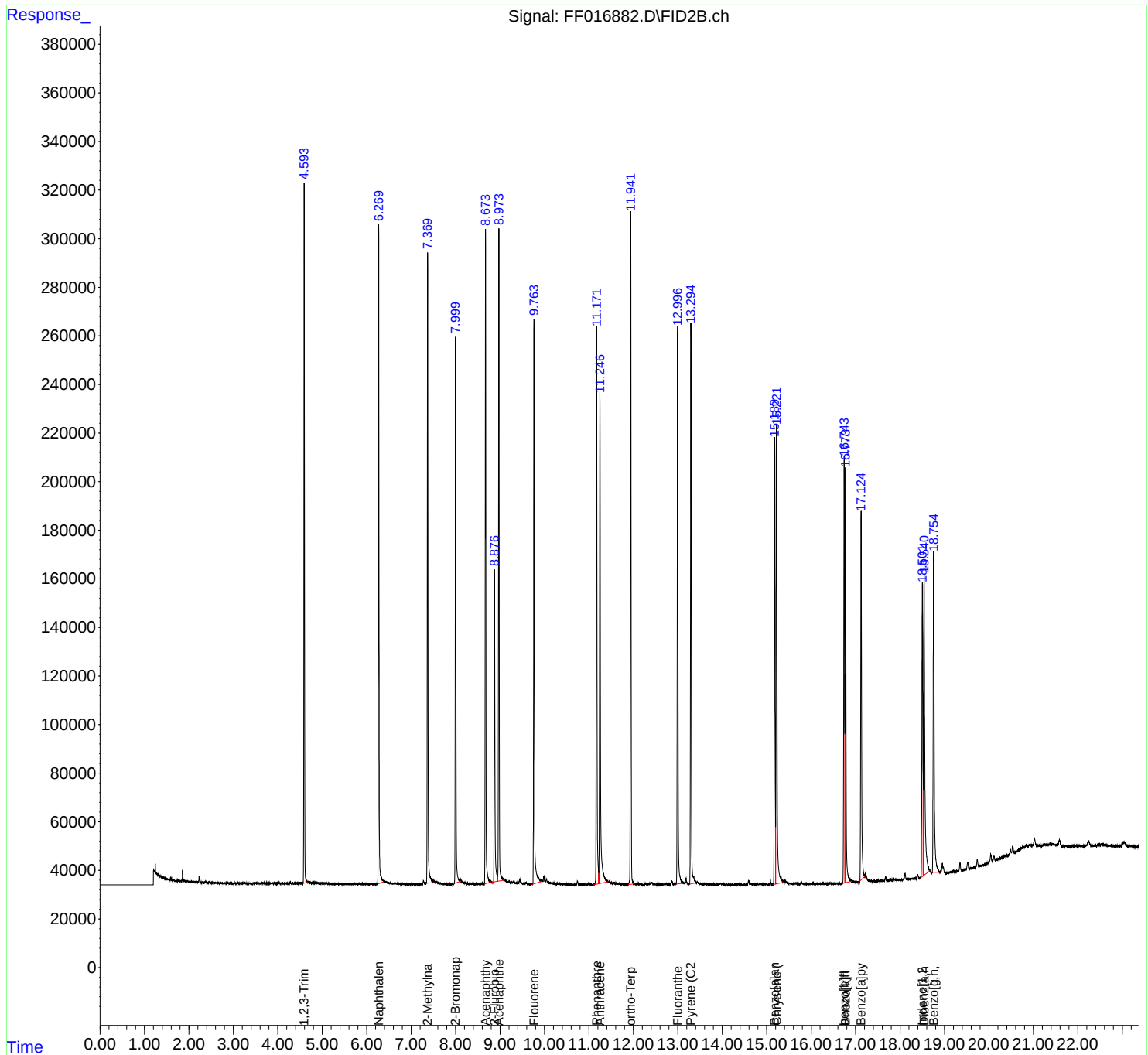
(m)=manual int.

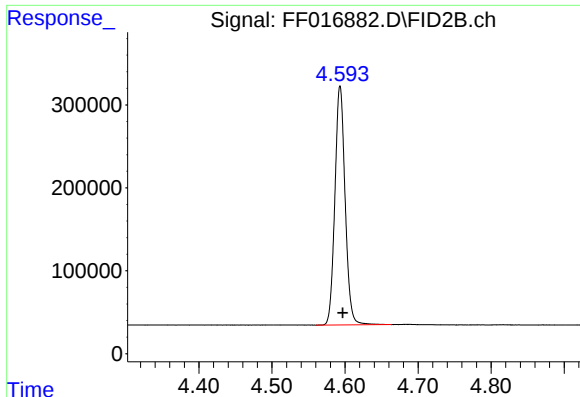
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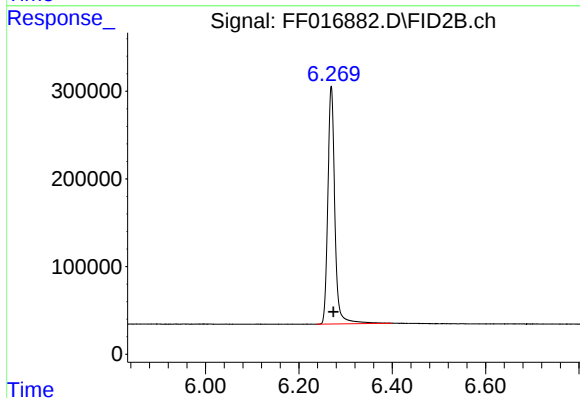




#1 1,2,3-Trimethylbenzene (C10.1)

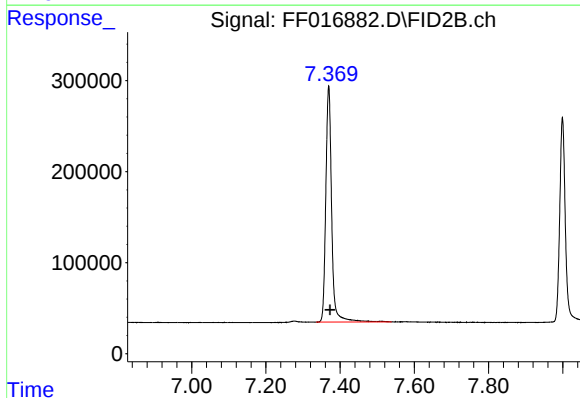
R.T.: 4.593 min
Delta R.T.: -0.004 min
Response: 2805085
Conc: 20.42 ug/ml

Instrument :
FID_E
ClientSampleId :



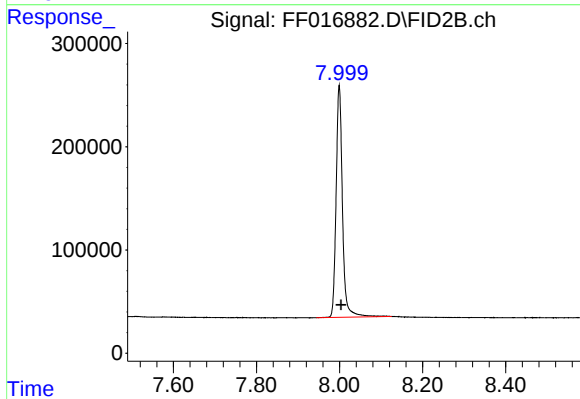
#2 Naphthalene (C11.7)

R.T.: 6.269 min
Delta R.T.: -0.004 min
Response: 2815798
Conc: 20.70 ug/ml



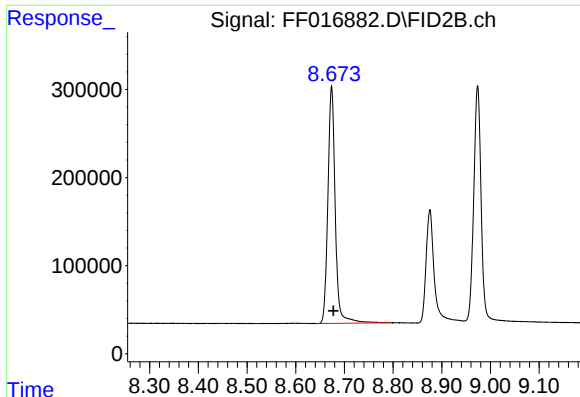
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.369 min
Delta R.T.: -0.004 min
Response: 2848680
Conc: 21.05 ug/ml



#4 2-Bromonaphthalene (SURR)

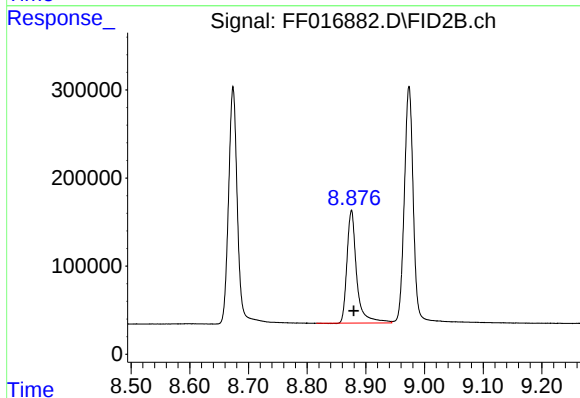
R.T.: 7.999 min
Delta R.T.: -0.004 min
Response: 2389280
Conc: 20.84 ug/ml



#5 Acenaphthylene (C15.06)

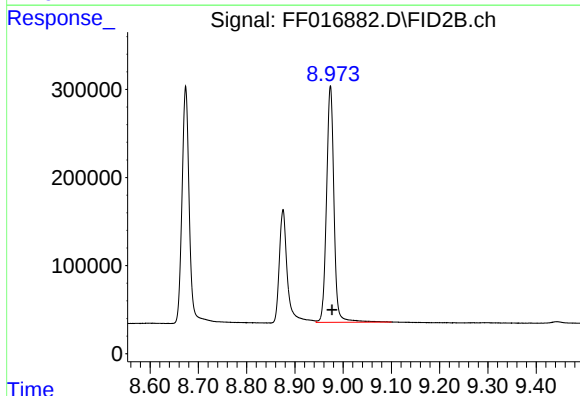
R.T.: 8.674 min
Delta R.T.: -0.004 min
Response: 2832764
Conc: 20.71 ug/ml

Instrument :
FID_E
ClientSampleId :



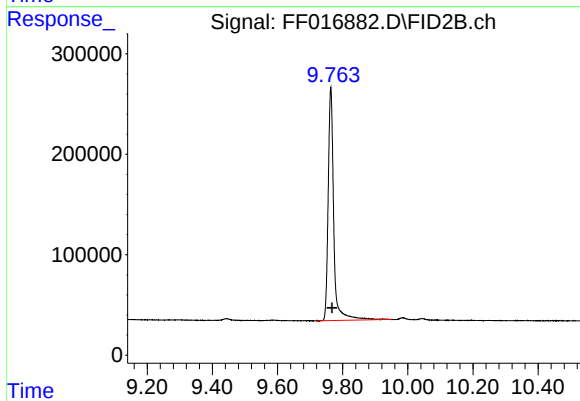
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.875 min
Delta R.T.: -0.004 min
Response: 1477946
Conc: 20.85 ug/ml



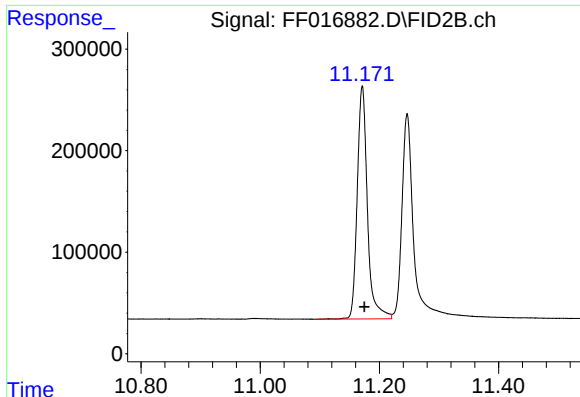
#7 Acenaphthene (C15.5)

R.T.: 8.974 min
Delta R.T.: -0.003 min
Response: 2886207
Conc: 20.11 ug/ml



#8 Flouorene (C16.55)

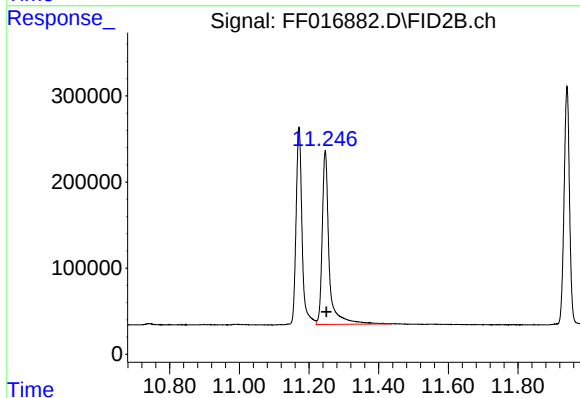
R.T.: 9.764 min
Delta R.T.: -0.004 min
Response: 2750060
Conc: 20.72 ug/ml



#9 Phenanthrene (C19.36)

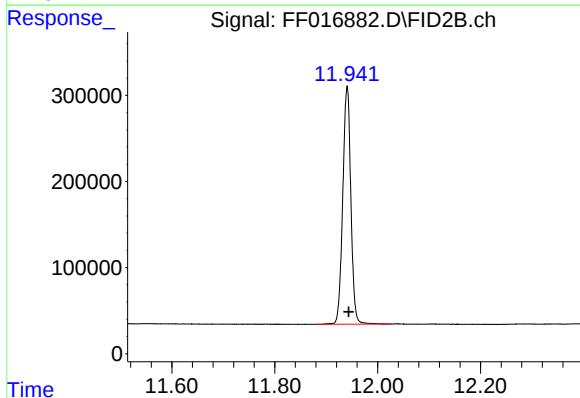
R.T.: 11.171 min
Delta R.T.: -0.003 min
Response: 2726371
Conc: 20.99 ug/ml

Instrument :
FID_E
ClientSampleId :



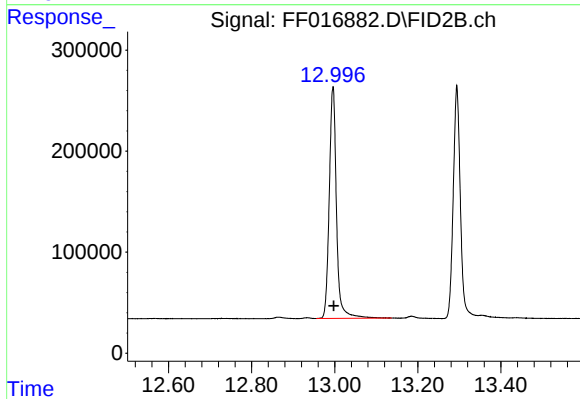
#10 Anthracene (C19.43)

R.T.: 11.247 min
Delta R.T.: -0.003 min
Response: 2801978
Conc: 22.02 ug/ml



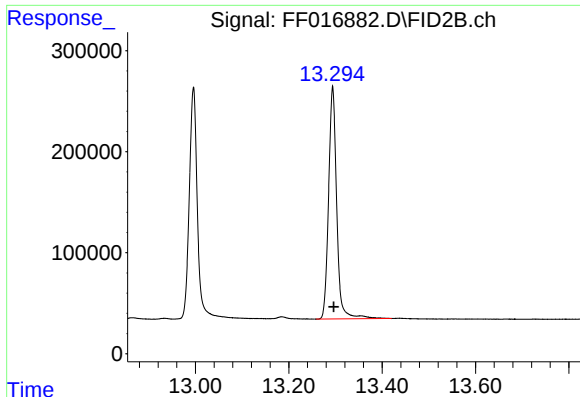
#11 ortho-Terphenyl (SURR)

R.T.: 11.941 min
Delta R.T.: -0.003 min
Response: 3016770
Conc: 20.50 ug/ml



#12 Fluoranthene (C21.85)

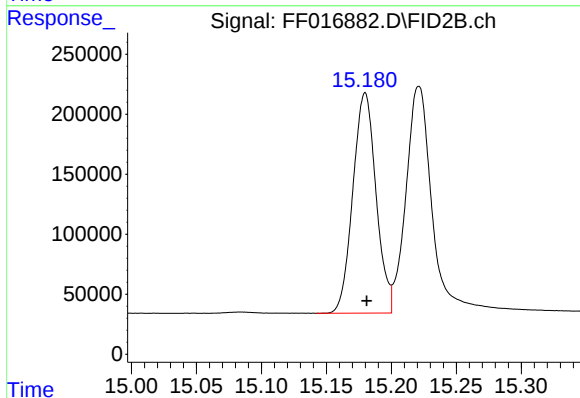
R.T.: 12.996 min
Delta R.T.: -0.002 min
Response: 2774305
Conc: 21.14 ug/ml



#13 Pyrene (C20.8)

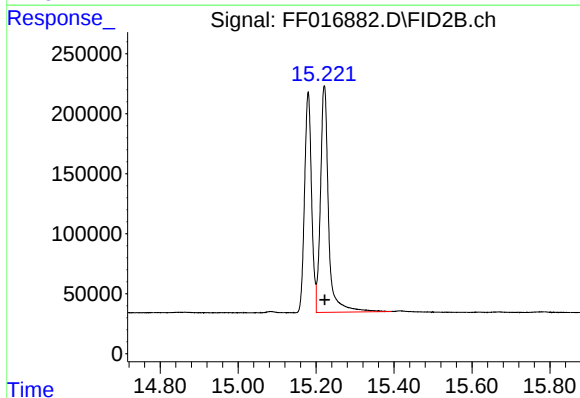
R.T.: 13.294 min
Delta R.T.: -0.002 min
Response: 2783306
Conc: 21.13 ug/ml

Instrument :
FID_E
ClientSampleId :



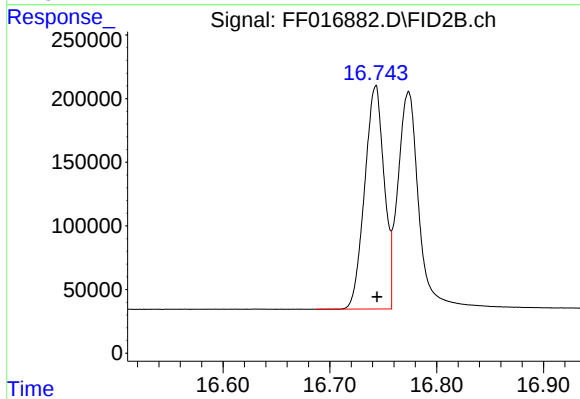
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.180 min
Delta R.T.: -0.001 min
Response: 2276105
Conc: 21.14 ug/ml



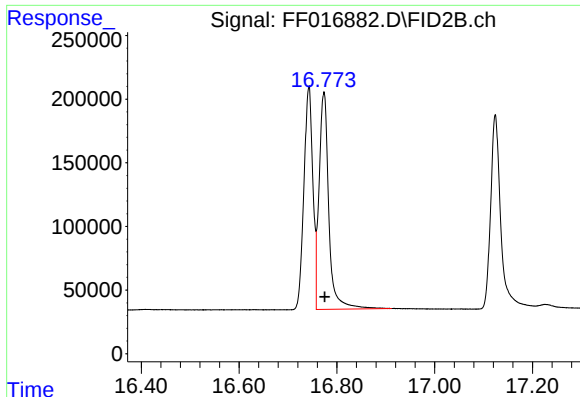
#15 Chrysene (C27.41)

R.T.: 15.221 min
Delta R.T.: -0.001 min
Response: 2732536
Conc: 19.75 ug/ml



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

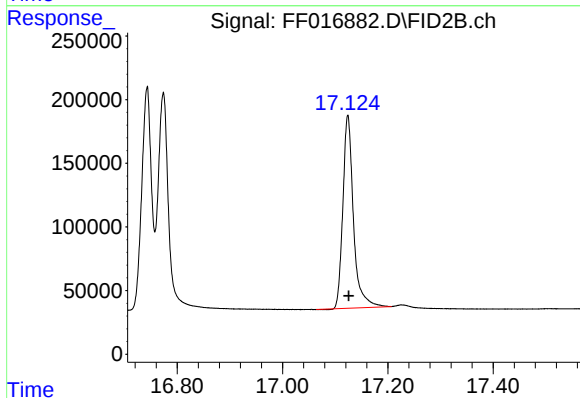
R.T.: 16.743 min
Delta R.T.: -0.002 min
Response: 2221607
Conc: 18.81 ug/ml



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

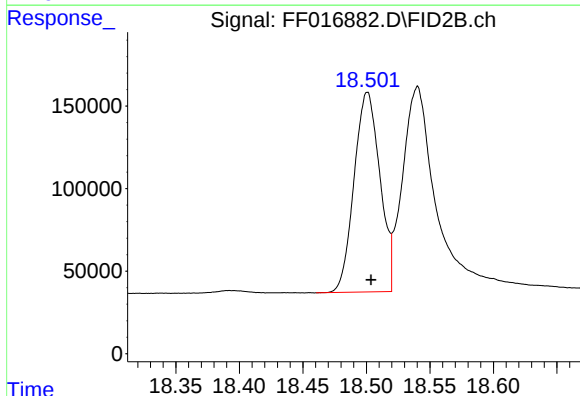
R.T.: 16.773 min
Delta R.T.: -0.001 min
Response: 2359059
Conc: 18.30 ug/ml

Instrument :
FID_E
ClientSampleId :



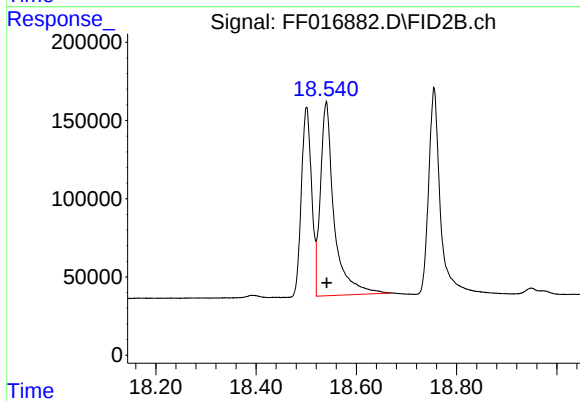
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.124 min
Delta R.T.: -0.002 min
Response: 2112847
Conc: 17.57 ug/ml



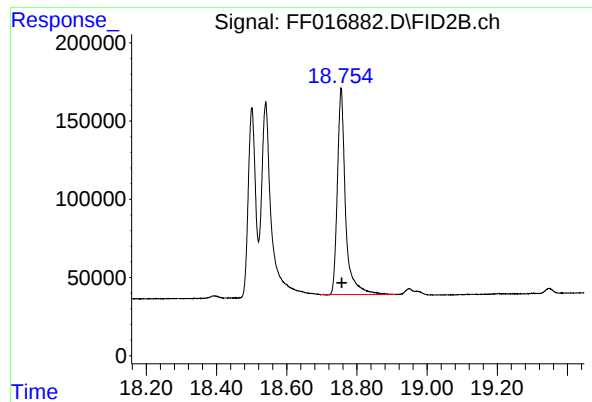
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.501 min
Delta R.T.: -0.003 min
Response: 1710162
Conc: 17.30 ug/ml



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

R.T.: 18.540 min
Delta R.T.: -0.001 min
Response: 2354733
Conc: 14.91 ug/ml



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

R.T.: 18.755 min
Delta R.T.: -0.002 min
Response: 2125985
Conc: 16.74 ug/ml

Instrument :

FID_E

ClientSampleId :