

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF120425AR\
 Data File : FF016842.D
 Signal(s) : FID2B.ch
 Acq On : 04 Dec 2025 16:23
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Dec 05 01:14:28 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	2421739	21.121 ug/ml
Spiked Amount 50.000		Recovery =	42.24%
6) S 2-Fluorobiphenyl (SURR)	8.876	1453682	20.508 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.02%
11) S ortho-Terphenyl (SURR)	11.940	3043197	20.680 ug/ml
Spiked Amount 50.000		Recovery =	41.36%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.593	2914804	21.214 ug/ml
2) T Naphthalene (C11.7)	6.270	2866732	21.078 ug/ml
3) T 2-Methylnaphthalene (...)	7.370	2869382	21.201 ug/ml
5) T Acenaphthylene (C15.06)	8.674	2816058	20.587 ug/ml
7) T Acenaphthene (C15.5)	8.972	2998213	20.891 ug/ml
8) T Flouorene (C16.55)	9.763	2728325	20.553 ug/ml
9) T Phenanthrene (C19.36)	11.171	2617350	20.153 ug/ml
10) T Anthracene (C19.43)	11.246	2354870	18.507 ug/ml
12) T Fluoranthene (C21.85)	12.994	2678837	20.410 ug/ml
13) T Pyrene (C20.8)	13.292	2716362	20.626 ug/ml
14) T Benzo[a]anthracene (C...	15.178	2230237	20.719 ug/ml
15) T Chrysene (C27.41)	15.220	2930468	21.181 ug/ml
16) T benzo[b]fluoranthene ...	16.741	2564860	21.715 ug/ml
17) T Bnezo[k]fluoranthene ...	16.772	2888451	22.412 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.124	2542072	21.134 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.502	1536867	15.543 ug/ml
20) T Dibenz[a,h]anthracene...	18.540	2606674	16.505 ug/ml
21) T Benzo[g,h,i]perylene ...	18.753	2216546	17.451 ug/ml

(f)=RT Delta > 1/2 Window

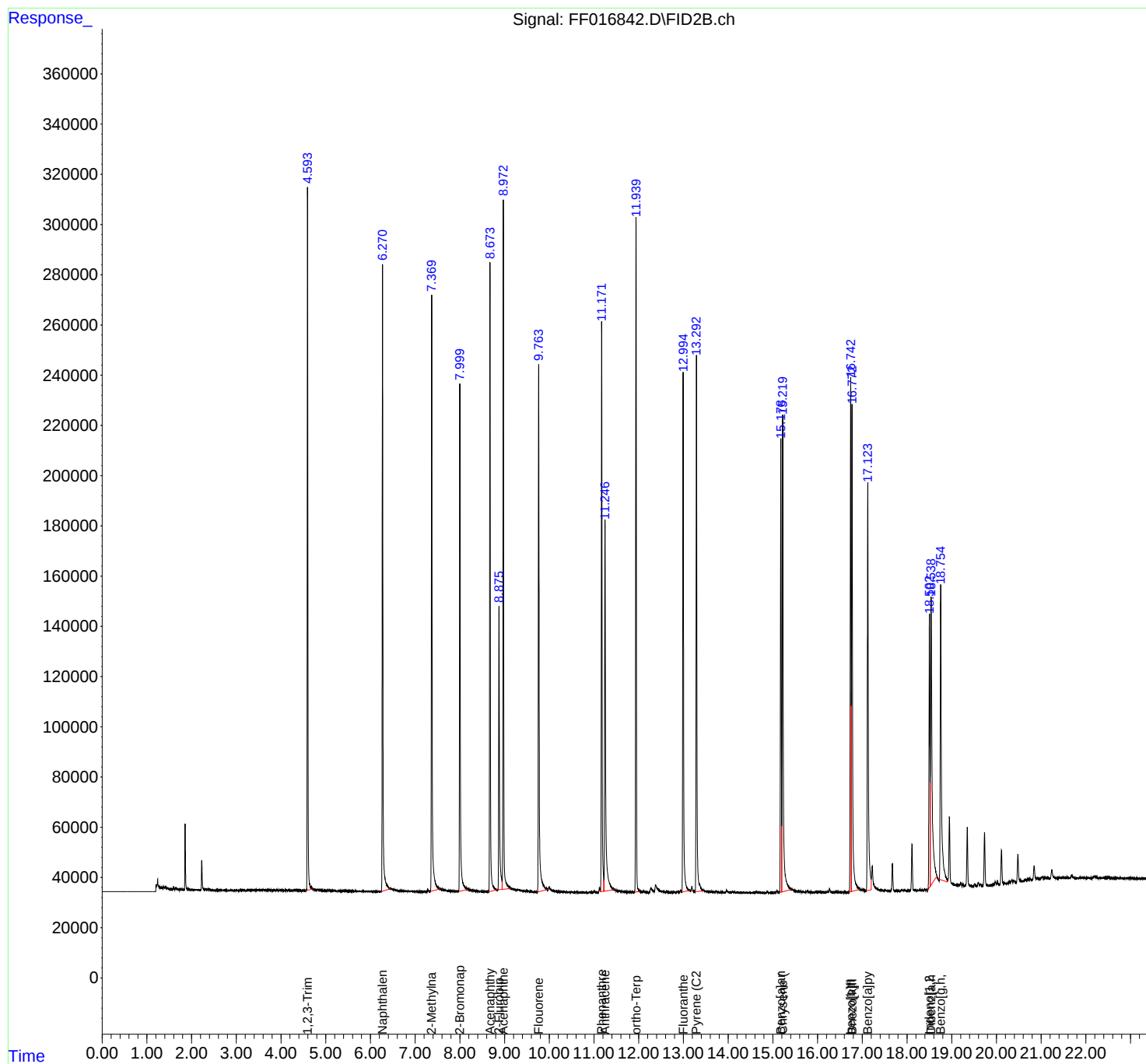
(m)=manual int.

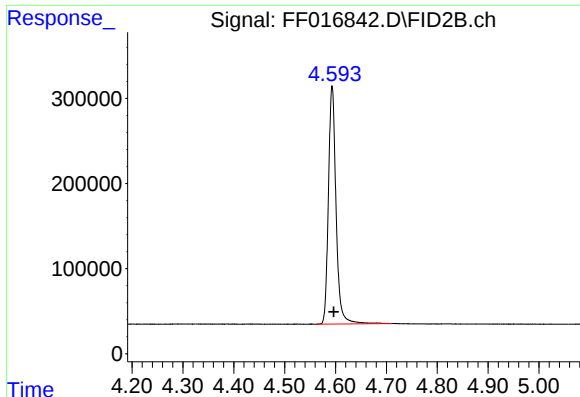
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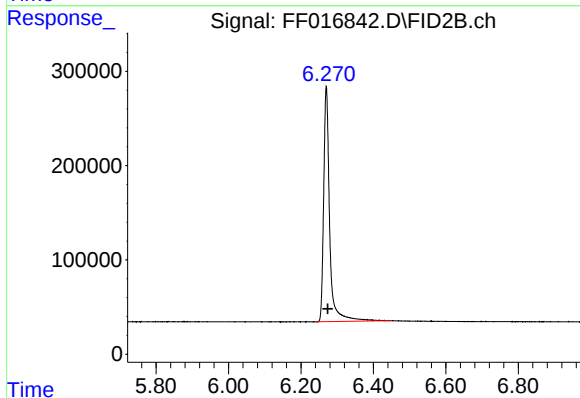




#1 1,2,3-Trimethylbenzene (C10.1)

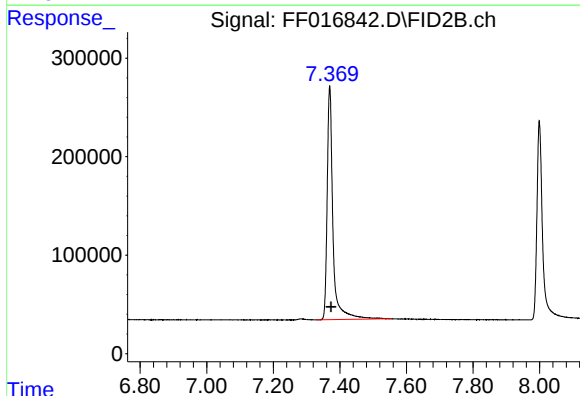
R.T.: 4.593 min
Delta R.T.: -0.004 min
Response: 2914804
Conc: 21.21 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD



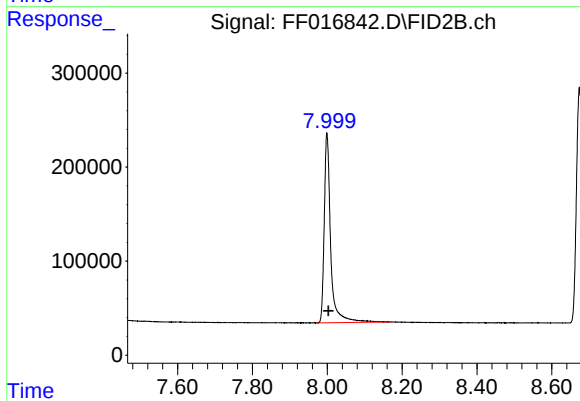
#2 Naphthalene (C11.7)

R.T.: 6.270 min
Delta R.T.: -0.004 min
Response: 2866732
Conc: 21.08 ug/ml



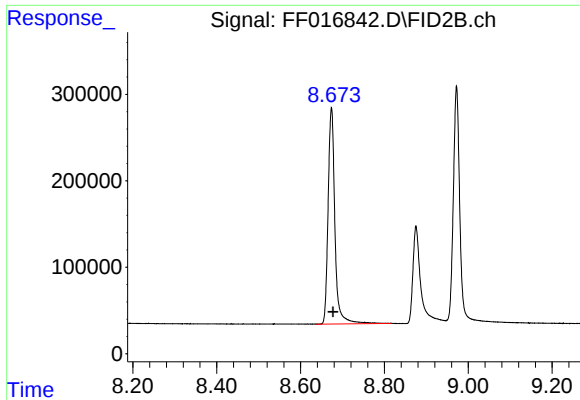
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.370 min
Delta R.T.: -0.004 min
Response: 2869382
Conc: 21.20 ug/ml



#4 2-Bromonaphthalene (SURR)

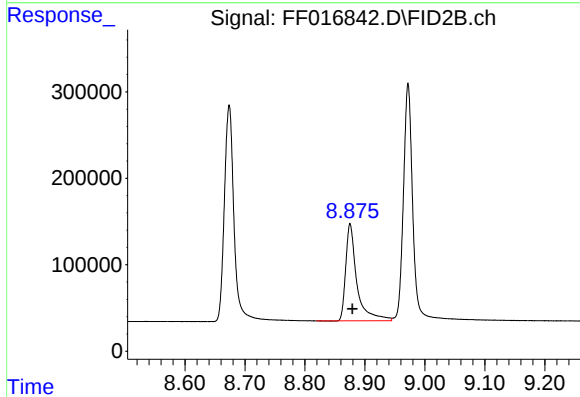
R.T.: 7.999 min
Delta R.T.: -0.004 min
Response: 2421739
Conc: 21.12 ug/ml



#5 Acenaphthylene (C15.06)

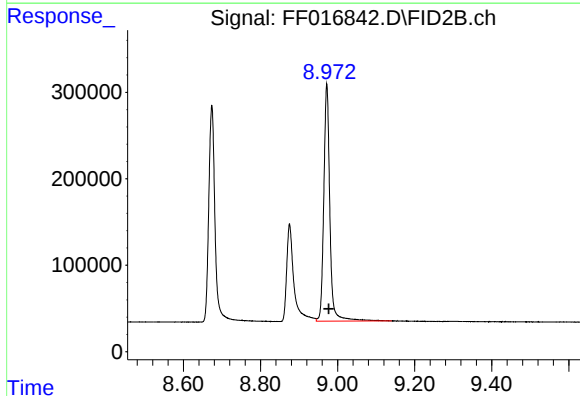
R.T.: 8.674 min
Delta R.T.: -0.004 min
Response: 2816058
Conc: 20.59 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD



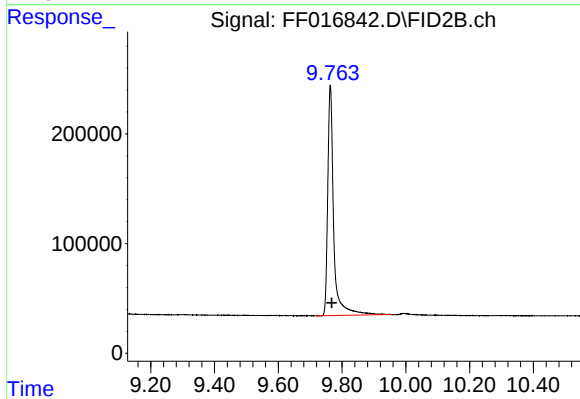
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.876 min
Delta R.T.: -0.004 min
Response: 1453682
Conc: 20.51 ug/ml



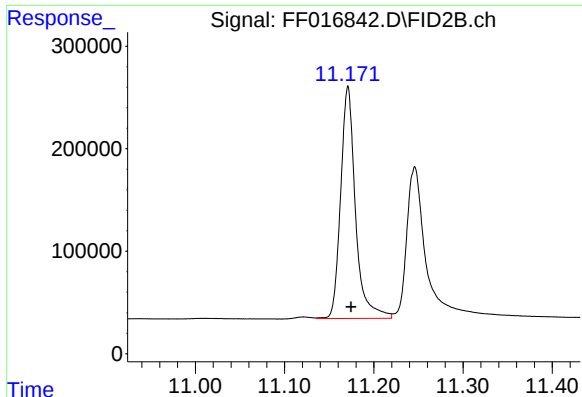
#7 Acenaphthene (C15.5)

R.T.: 8.972 min
Delta R.T.: -0.005 min
Response: 2998213
Conc: 20.89 ug/ml



#8 Fluorene (C16.55)

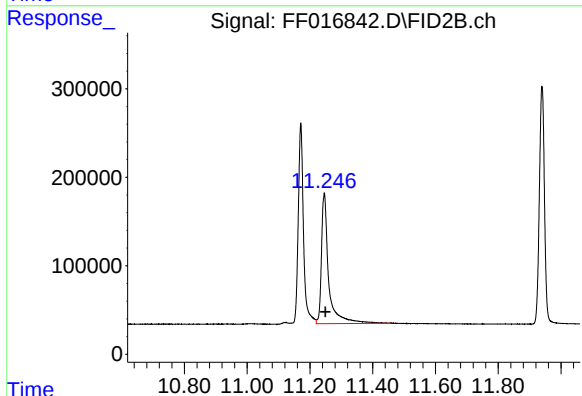
R.T.: 9.763 min
Delta R.T.: -0.004 min
Response: 2728325
Conc: 20.55 ug/ml



#9 Phenanthrene (C19.36)

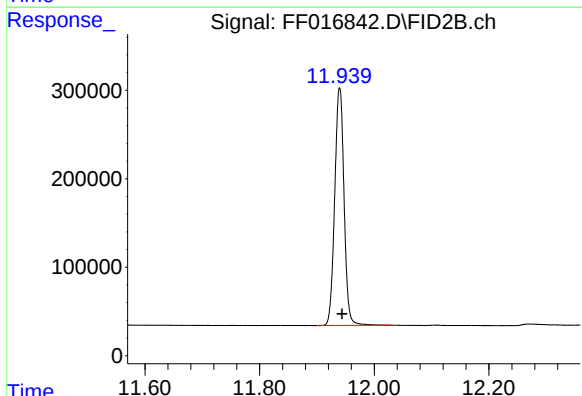
R.T.: 11.171 min
Delta R.T.: -0.004 min
Response: 2617350
Conc: 20.15 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



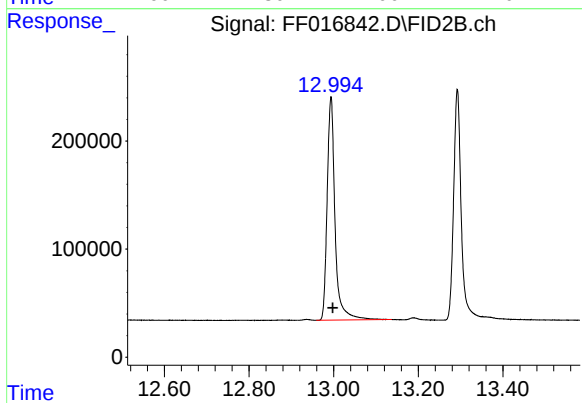
#10 Anthracene (C19.43)

R.T.: 11.246 min
Delta R.T.: -0.004 min
Response: 2354870
Conc: 18.51 ug/ml



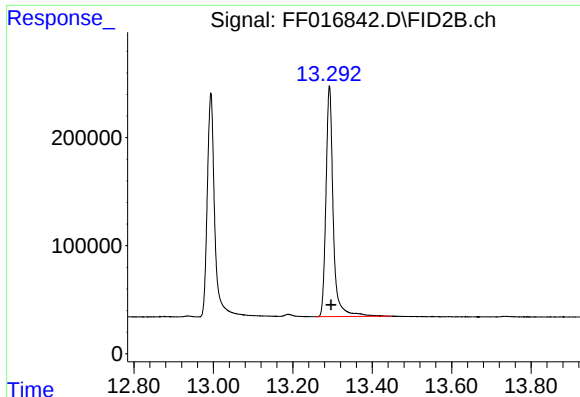
#11 ortho-Terphenyl (SURR)

R.T.: 11.940 min
Delta R.T.: -0.004 min
Response: 3043197
Conc: 20.68 ug/ml



#12 Fluoranthene (C21.85)

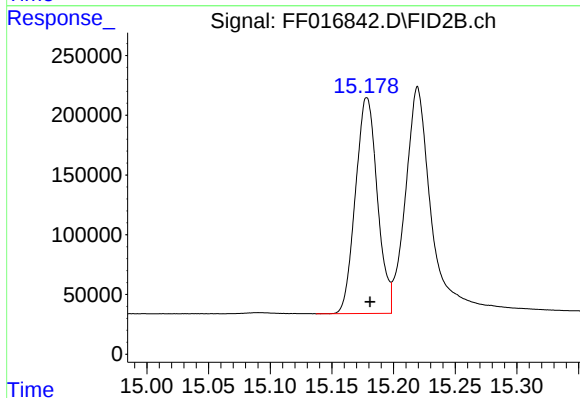
R.T.: 12.994 min
Delta R.T.: -0.004 min
Response: 2678837
Conc: 20.41 ug/ml



#13 Pyrene (C20.8)

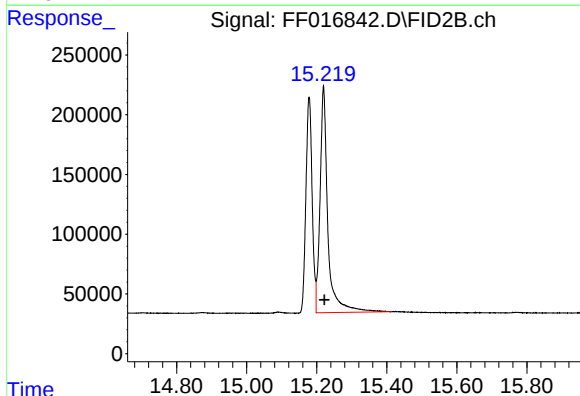
R.T.: 13.292 min
Delta R.T.: -0.004 min
Response: 2716362
Conc: 20.63 ug/ml

Instrument :
FID_F
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20 PPM AROMATIC HC STD



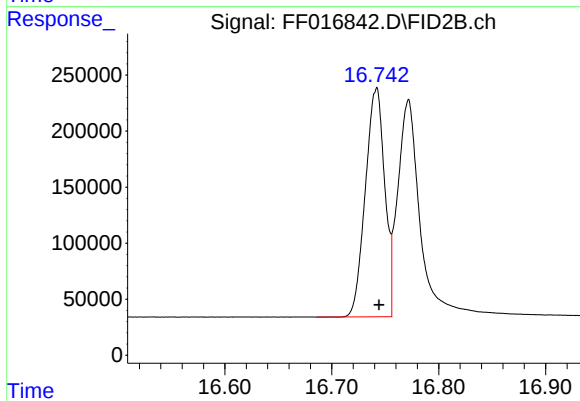
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.178 min
Delta R.T.: -0.003 min
Response: 2230237
Conc: 20.72 ug/ml



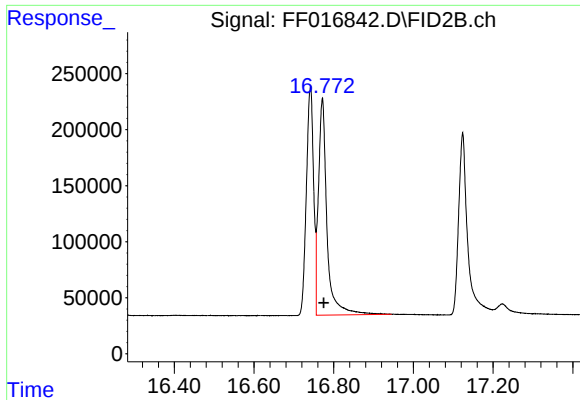
#15 Chrysene (C27.41)

R.T.: 15.220 min
Delta R.T.: -0.003 min
Response: 2930468
Conc: 21.18 ug/ml



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

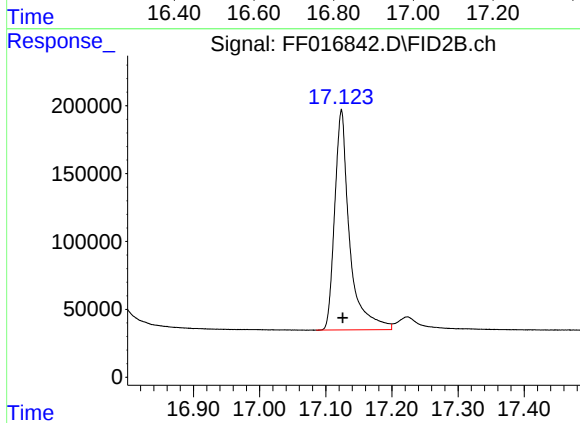
R.T.: 16.741 min
Delta R.T.: -0.003 min
Response: 2564860
Conc: 21.72 ug/ml



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

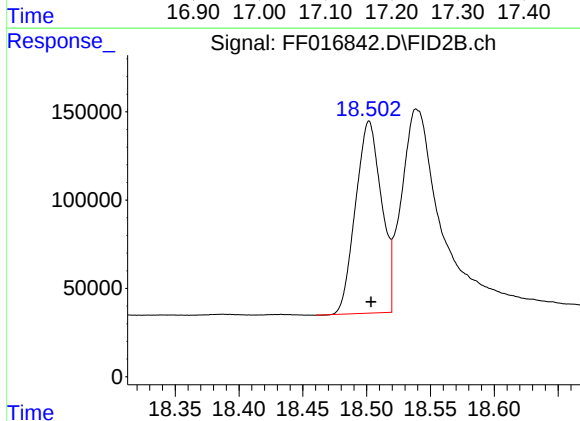
R.T.: 16.772 min
Delta R.T.: -0.003 min
Response: 2888451
Conc: 22.41 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD



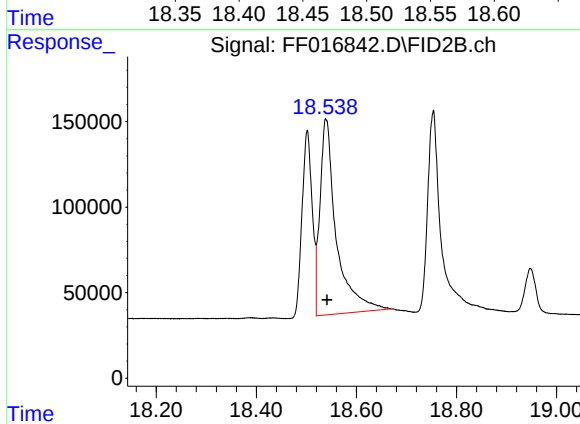
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.124 min
Delta R.T.: -0.002 min
Response: 2542072
Conc: 21.13 ug/ml



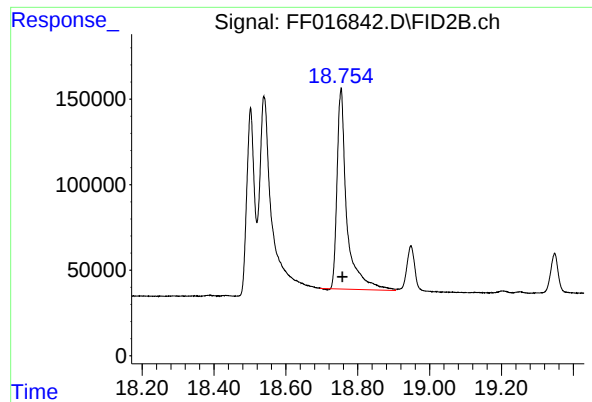
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.502 min
Delta R.T.: -0.002 min
Response: 1536867
Conc: 15.54 ug/ml



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

R.T.: 18.540 min
Delta R.T.: -0.002 min
Response: 2606674
Conc: 16.51 ug/ml



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

R.T.: 18.753 min
Delta R.T.: -0.004 min
Response: 2216546
Conc: 17.45 ug/ml

Instrument :

FID_F

ClientSampleId :

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