

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF092525AR\
 Data File : FF016451.D
 Signal(s) : FID2B.ch
 Acq On : 25 Sep 2025 14:49
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 76 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Sep 25 16:40:43 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 092425.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 24 16:24:48 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...	8.027	2079866	16.603 ug/ml
Spiked Amount 50.000		Recovery =	33.21%
6) S 2-Fluorobiphenyl (SURR)	8.903	1420790	16.846 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	33.69%
11) S ortho-Terphenyl (SURR)	11.970	2545818	16.700 ug/ml
Spiked Amount 50.000		Recovery =	33.40%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.621	2319850	16.457 ug/ml
2) T Naphthalene (C11.7)	6.298	2393806	16.432 ug/ml
3) T 2-Methylnaphthalene (...)	7.398	2445828	16.613 ug/ml
5) T Acenaphthylene (C15.06)	8.703	2422407	16.716 ug/ml
7) T Acenaphthene (C15.5)	9.002	2422669	16.892 ug/ml
8) T Flouorene (C16.55)	9.792	2436779	16.868 ug/ml
9) T Phenanthrene (C19.36)	11.200	2439607	16.726 ug/ml
10) T Anthracene (C19.43)	11.275	2380589	16.639 ug/ml
12) T Fluoranthene (C21.85)	13.023	2467768	16.897 ug/ml
13) T Pyrene (C20.8)	13.322	2388559	16.668 ug/ml
14) T Benzo[a]anthracene (C...	15.206	2291568	16.835 ug/ml
15) T Chrysene (C27.41)	15.248	2416262	16.939 ug/ml
16) T benzo[b]fluoranthene ...	16.766	2234539	17.006 ug/ml
17) T Bnezo[k]fluoranthene ...	16.798	2190475	17.403 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.146	2191487	17.163 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.522	1899333	16.655 ug/ml
20) T Dibenz[a,h]anthracene...	18.561	2200959	16.859 ug/ml
21) T Benzo[g,h,i]perylene ...	18.776	2065039	16.770 ug/ml

(f)=RT Delta > 1/2 Window

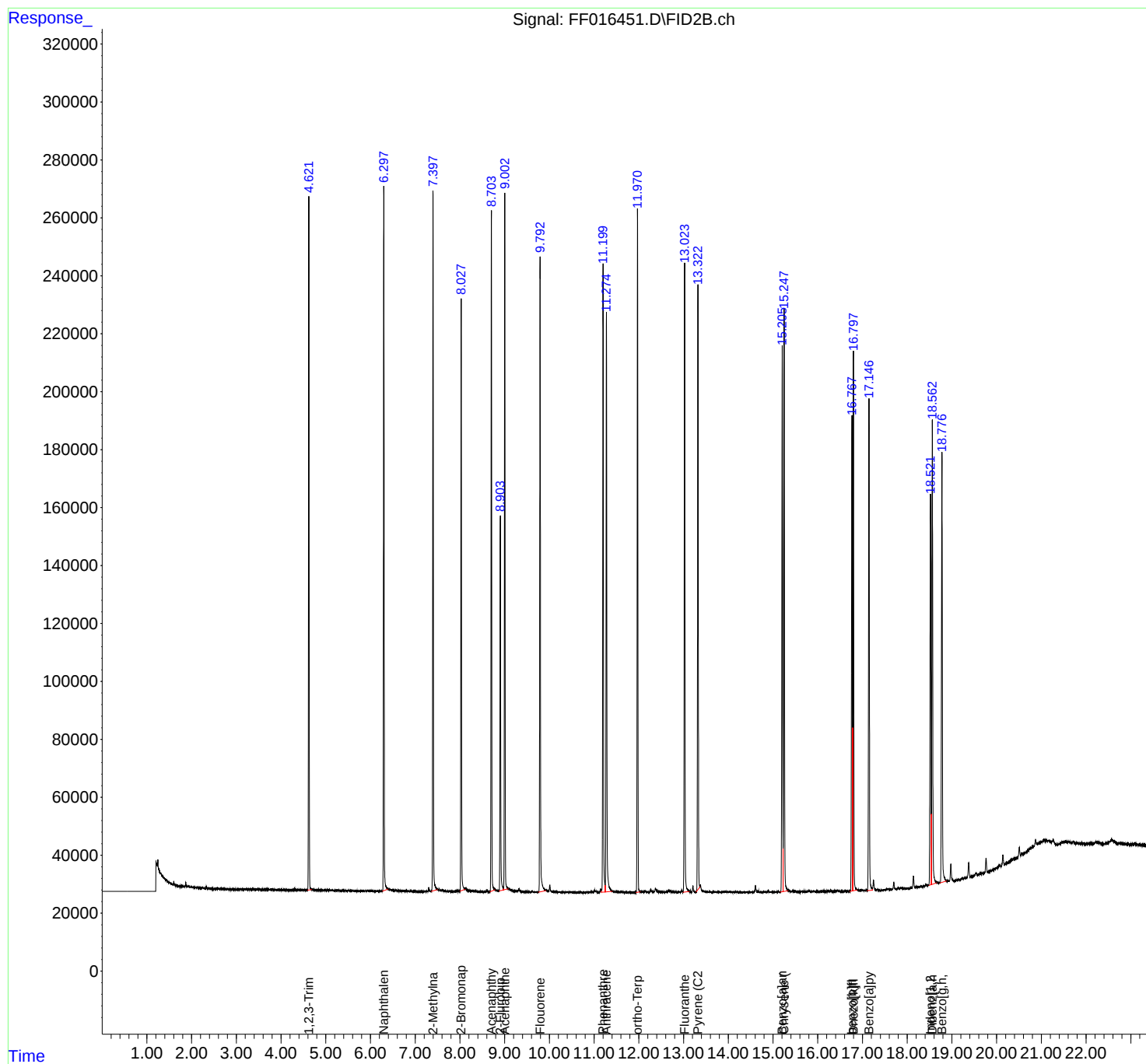
(m)=manual int.

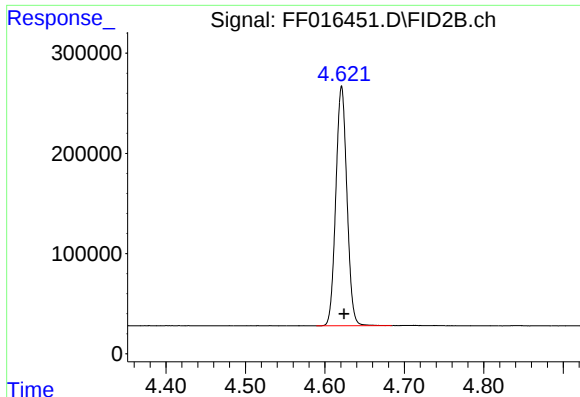
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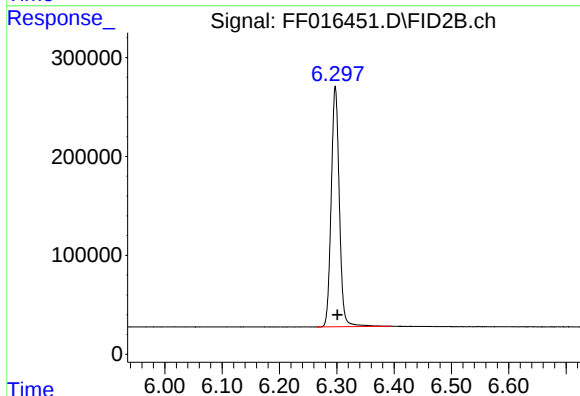




#1 1,2,3-Trimethylbenzene (C10.1)

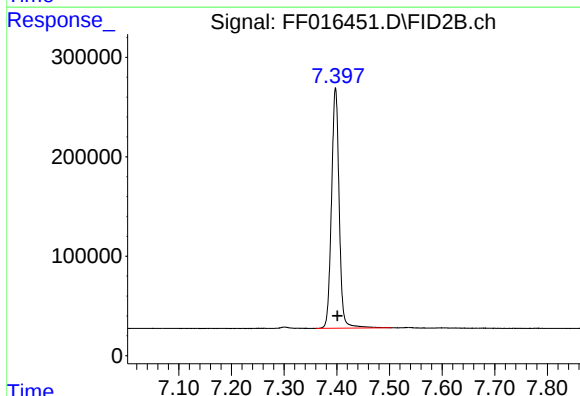
R.T.: 4.621 min
Delta R.T.: -0.003 min
Response: 2319850
Conc: 16.46 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD



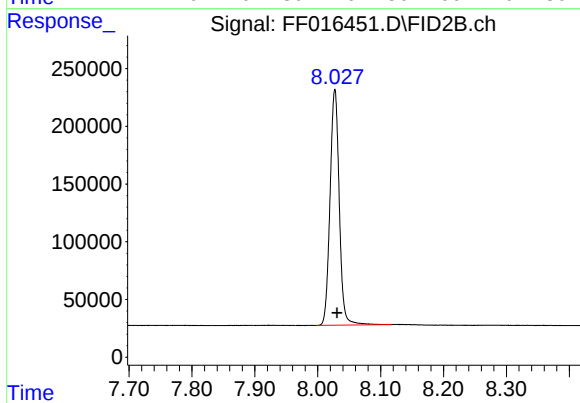
#2 Naphthalene (C11.7)

R.T.: 6.298 min
Delta R.T.: -0.004 min
Response: 2393806
Conc: 16.43 ug/ml



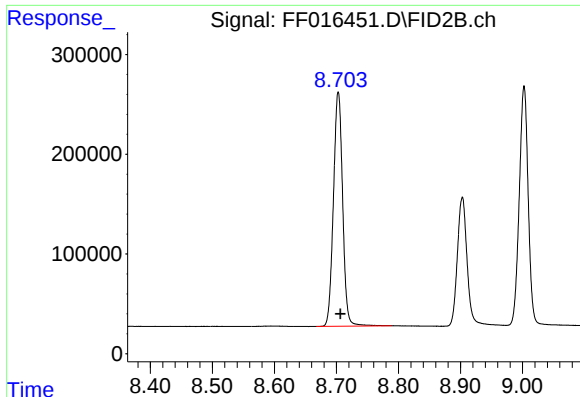
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.398 min
Delta R.T.: -0.003 min
Response: 2445828
Conc: 16.61 ug/ml



#4 2-Bromonaphthalene (SURR)

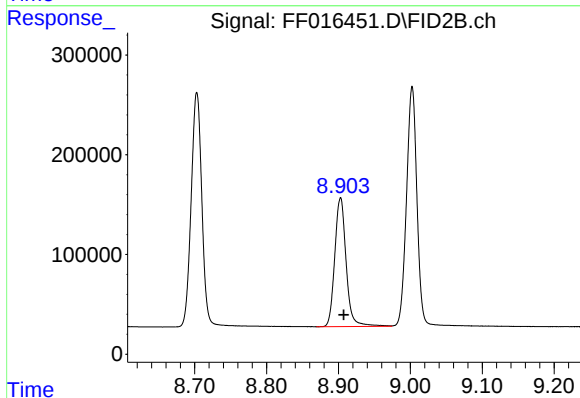
R.T.: 8.027 min
Delta R.T.: -0.003 min
Response: 2079866
Conc: 16.60 ug/ml



#5 Acenaphthylene (C15.06)

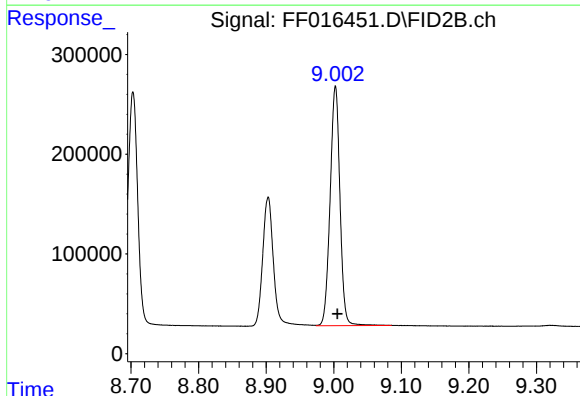
R.T.: 8.703 min
Delta R.T.: -0.003 min
Response: 2422407
Conc: 16.72 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD



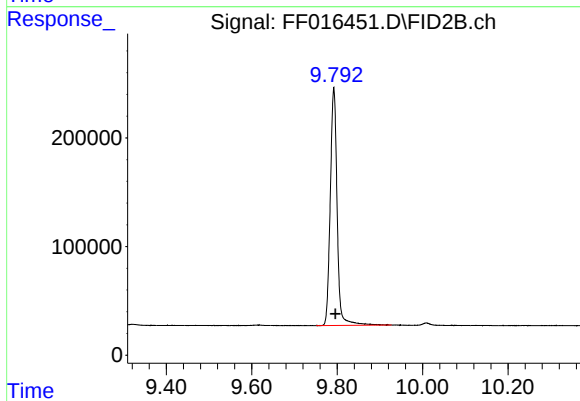
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.903 min
Delta R.T.: -0.005 min
Response: 1420790
Conc: 16.85 ug/ml



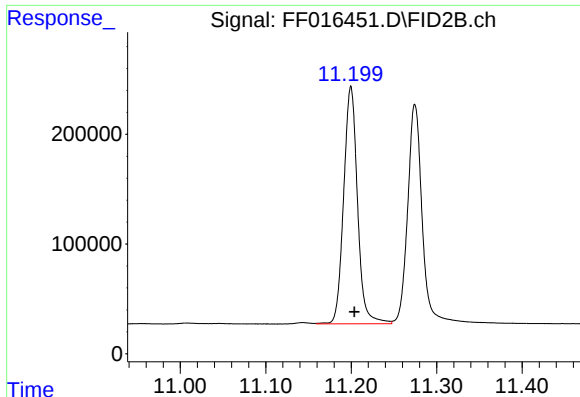
#7 Acenaphthene (C15.5)

R.T.: 9.002 min
Delta R.T.: -0.003 min
Response: 2422669
Conc: 16.89 ug/ml



#8 Fluorene (C16.55)

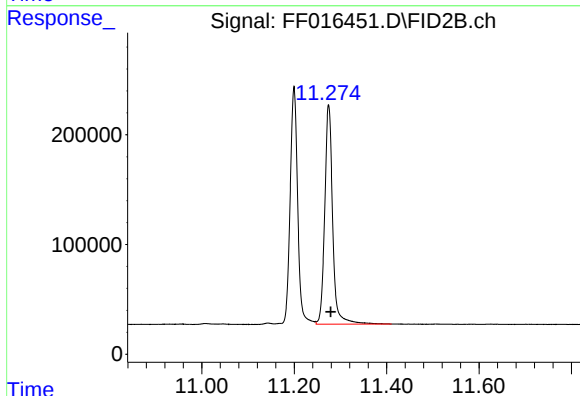
R.T.: 9.792 min
Delta R.T.: -0.004 min
Response: 2436779
Conc: 16.87 ug/ml



#9 Phenanthrene (C19.36)

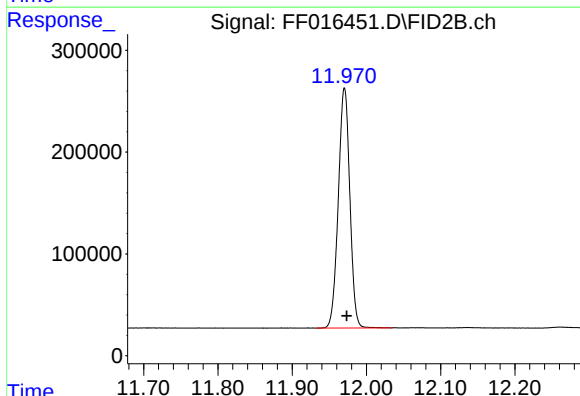
R.T.: 11.200 min
Delta R.T.: -0.004 min
Response: 2439607
Conc: 16.73 ug/ml

Instrument :
FID_F
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20 PPM AROMATIC HC STD



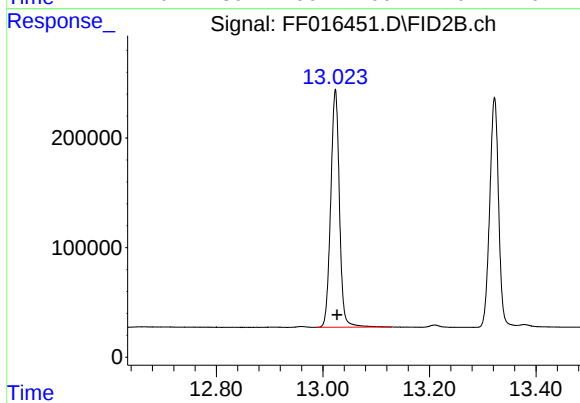
#10 Anthracene (C19.43)

R.T.: 11.275 min
Delta R.T.: -0.004 min
Response: 2380589
Conc: 16.64 ug/ml



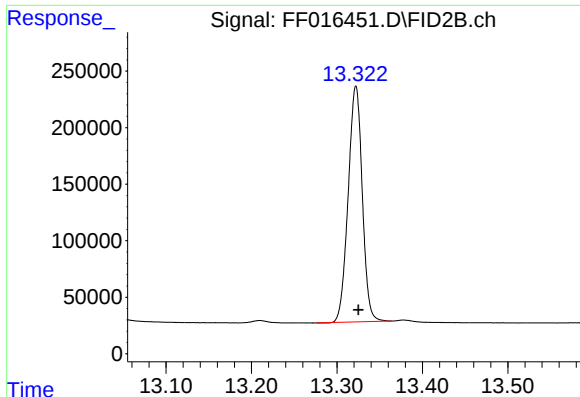
#11 ortho-Terphenyl (SURR)

R.T.: 11.970 min
Delta R.T.: -0.003 min
Response: 2545818
Conc: 16.70 ug/ml



#12 Fluoranthene (C21.85)

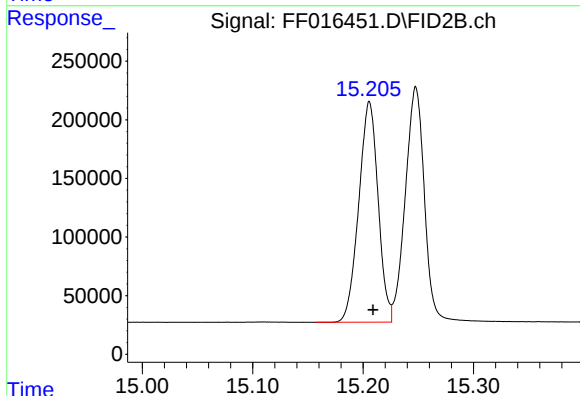
R.T.: 13.023 min
Delta R.T.: -0.003 min
Response: 2467768
Conc: 16.90 ug/ml



#13 Pyrene (C20.8)

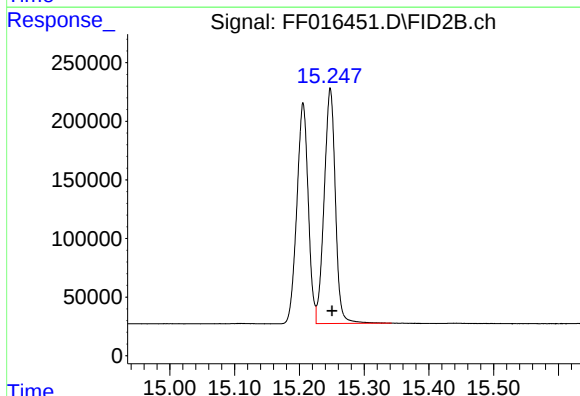
R.T.: 13.322 min
Delta R.T.: -0.003 min
Response: 2388559
Conc: 16.67 ug/ml

Instrument :
FID_F
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20 PPM AROMATIC HC STD



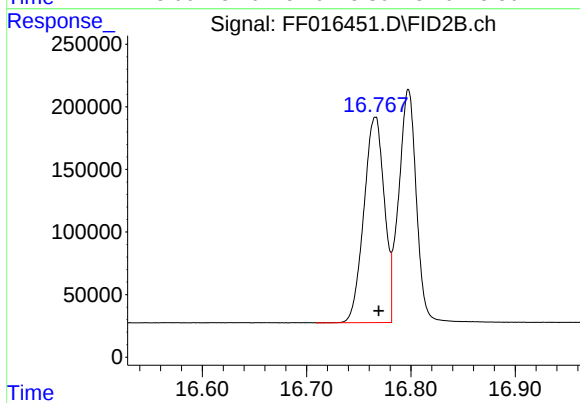
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.206 min
Delta R.T.: -0.003 min
Response: 2291568
Conc: 16.83 ug/ml



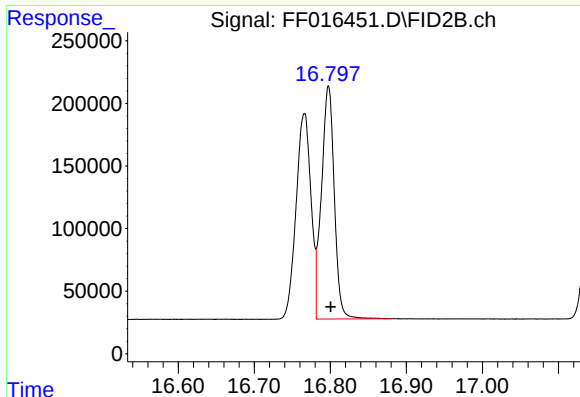
#15 Chrysene (C27.41)

R.T.: 15.248 min
Delta R.T.: -0.003 min
Response: 2416262
Conc: 16.94 ug/ml



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

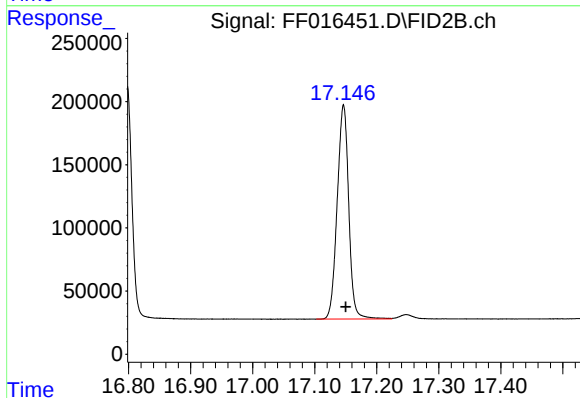
R.T.: 16.766 min
Delta R.T.: -0.003 min
Response: 2234539
Conc: 17.01 ug/ml



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

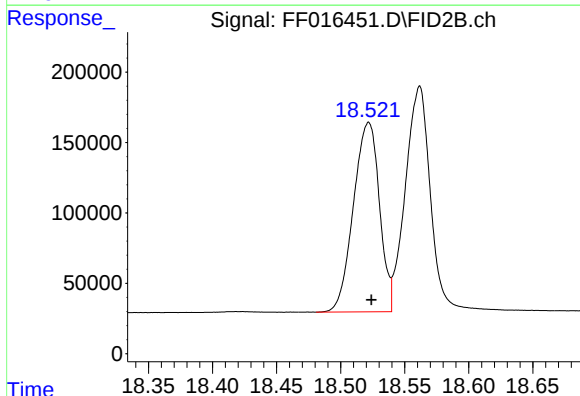
R.T.: 16.798 min
Delta R.T.: -0.003 min
Response: 2190475
Conc: 17.40 ug/ml

Instrument :
FID_F
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20 PPM AROMATIC HC STD



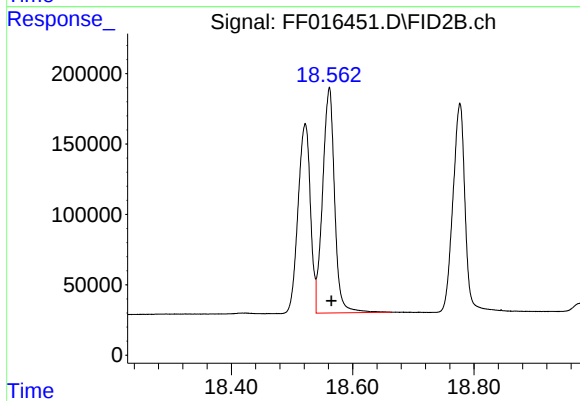
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.146 min
Delta R.T.: -0.004 min
Response: 2191487
Conc: 17.16 ug/ml



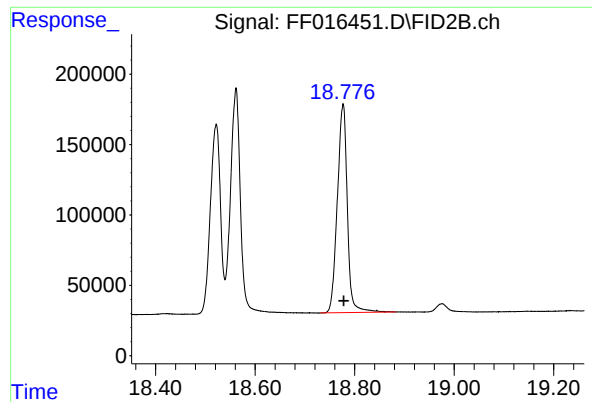
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.522 min
Delta R.T.: -0.003 min
Response: 1899333
Conc: 16.66 ug/ml



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

R.T.: 18.561 min
Delta R.T.: -0.004 min
Response: 2200959
Conc: 16.86 ug/ml



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

R.T.: 18.776 min
Delta R.T.: -0.002 min
Response: 2065039
Conc: 16.77 ug/ml

Instrument :

FID_F

ClientSampleId :

20 PPM AROMATIC HC STD