

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111225AR\
 Data File : FF016664.D
 Signal(s) : FID2B.ch
 Acq On : 12 Nov 2025 19:23
 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: Nov 14 05:20:02 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 29 18:27:43 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...	8.012	2106512	18.589 ug/ml
Spiked Amount 50.000		Recovery =	37.18%
6) S 2-Fluorobiphenyl (SURR)	8.888	1351357	18.947 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	37.89%
11) S ortho-Terphenyl (SURR)	11.955	2635435	17.946 ug/ml
Spiked Amount 50.000		Recovery =	35.89%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.606	2477518	18.821 ug/ml
2) T Naphthalene (C11.7)	6.282	2481211	18.756 ug/ml
3) T 2-Methylnaphthalene (...)	7.382	2505138	18.845 ug/ml
5) T Acenaphthylene (C15.06)	8.687	2463909	18.237 ug/ml
7) T Acenaphthene (C15.5)	8.986	2552752	18.571 ug/ml
8) T Flouorene (C16.55)	9.776	2415836	18.556 ug/ml
9) T Phenanthrene (C19.36)	11.185	2409448	18.222 ug/ml
10) T Anthracene (C19.43)	11.260	2244136	16.561 ug/ml
12) T Fluoranthene (C21.85)	13.009	2431129	17.715 ug/ml
13) T Pyrene (C20.8)	13.308	2333116	17.024 ug/ml
14) T Benzo[a]anthracene (C...	15.194	2076969	18.236 ug/ml
15) T Chrysene (C27.41)	15.235	2436613	17.267 ug/ml
16) T benzo[b]fluoranthene ...	16.756	2151809	19.362 ug/ml
17) T Bnezo[k]fluoranthene ...	16.788	2214045	18.126 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.138	2138058	19.481 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.516	1951450	22.678 ug/ml
20) T Dibenz[a,h]anthracene...	18.554	2473649	18.783 ug/ml
21) T Benzo[g,h,i]perylene ...	18.770	2312374	21.820 ug/ml

(f)=RT Delta > 1/2 Window

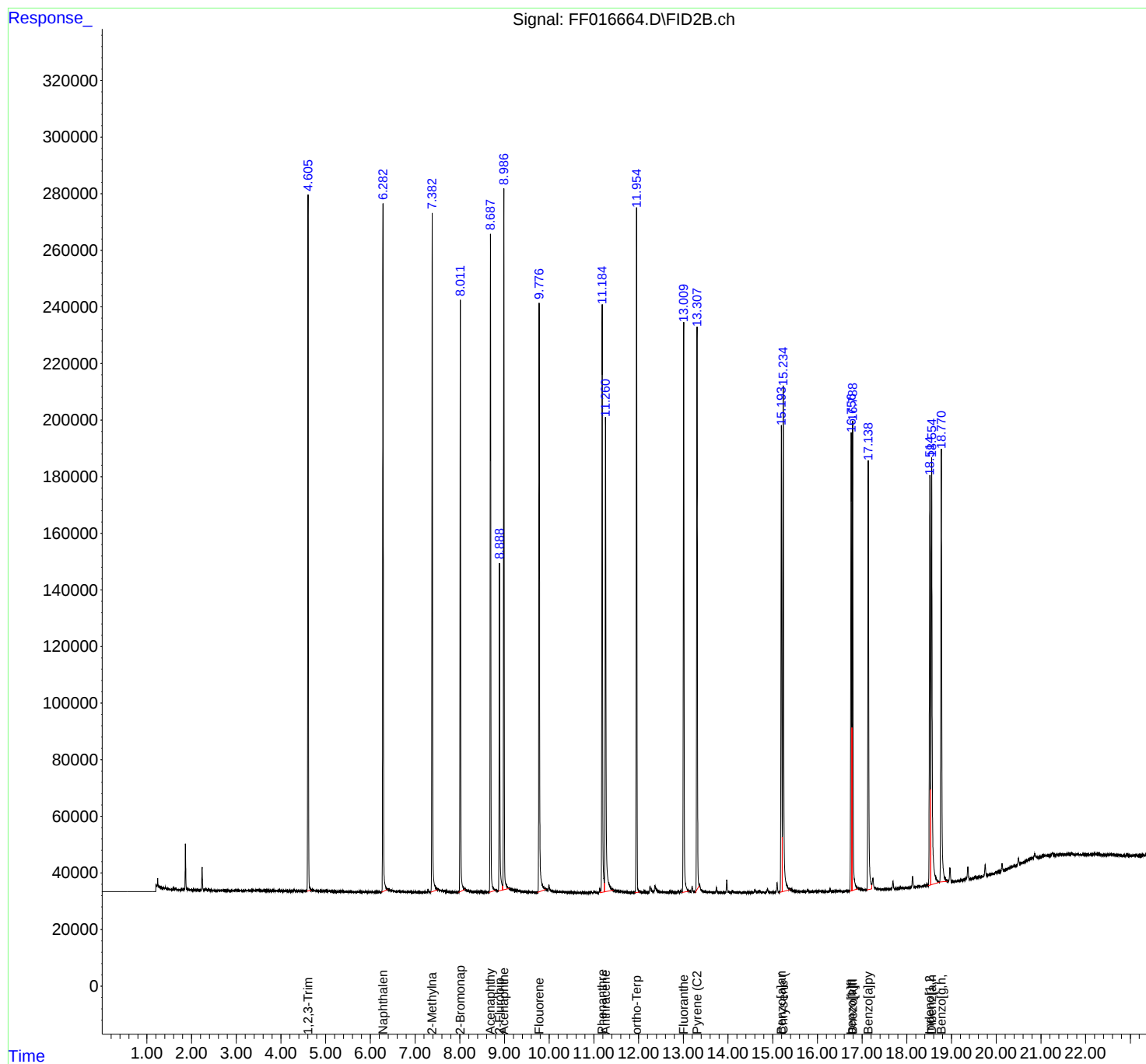
(m)=manual int.

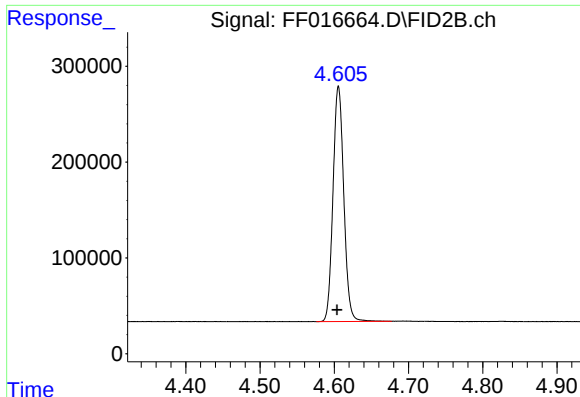
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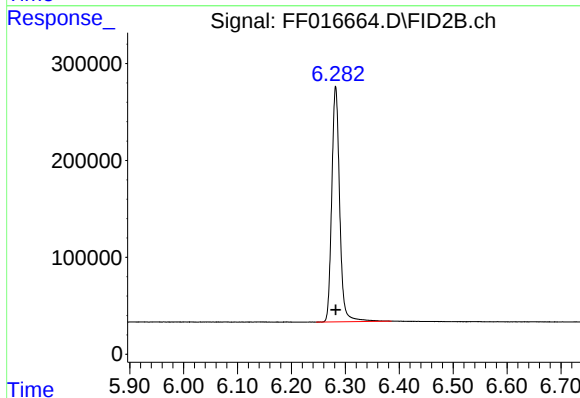




#1 1,2,3-Trimethylbenzene (C10.1)

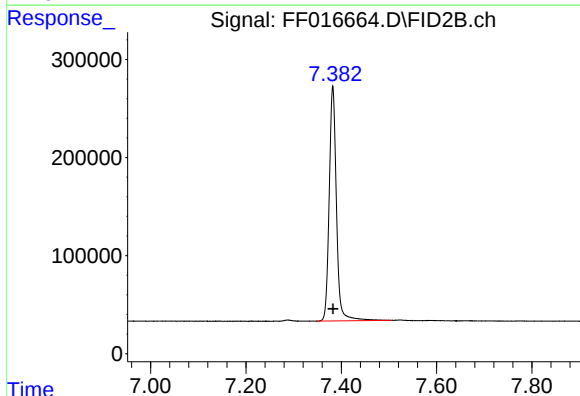
R.T.: 4.606 min
Delta R.T.: 0.002 min
Response: 2477518
Conc: 18.82 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD



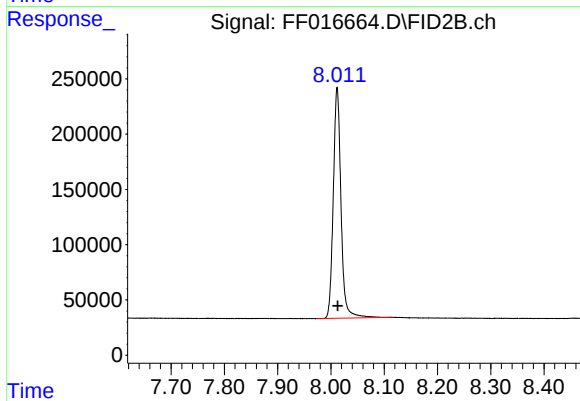
#2 Naphthalene (C11.7)

R.T.: 6.282 min
Delta R.T.: 0.000 min
Response: 2481211
Conc: 18.76 ug/ml



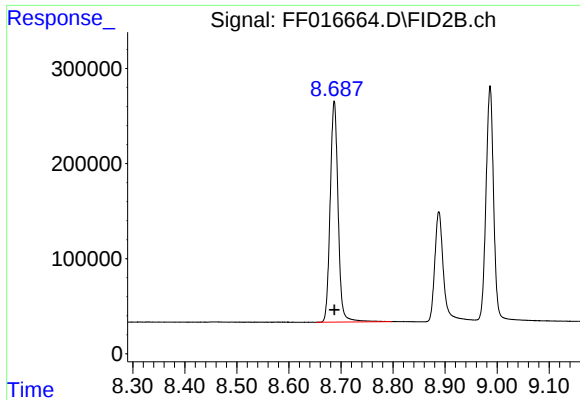
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.382 min
Delta R.T.: 0.000 min
Response: 2505138
Conc: 18.84 ug/ml



#4 2-Bromonaphthalene (SURR)

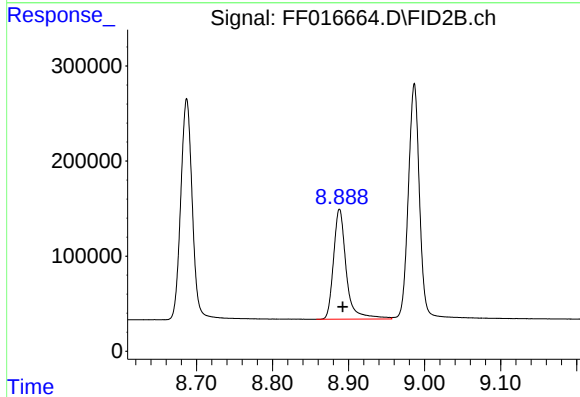
R.T.: 8.012 min
Delta R.T.: -0.001 min
Response: 2106512
Conc: 18.59 ug/ml



#5 Acenaphthylene (C15.06)

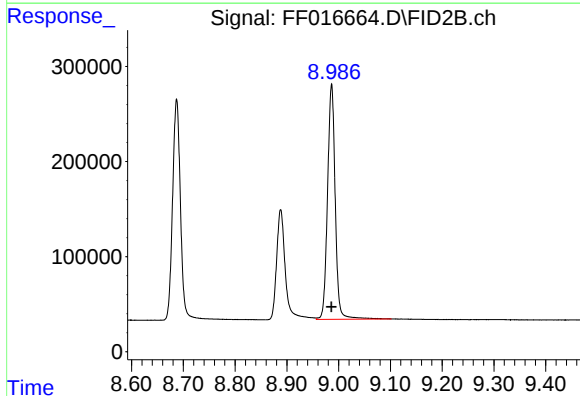
R.T.: 8.687 min
Delta R.T.: 0.000 min
Response: 2463909
Conc: 18.24 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD



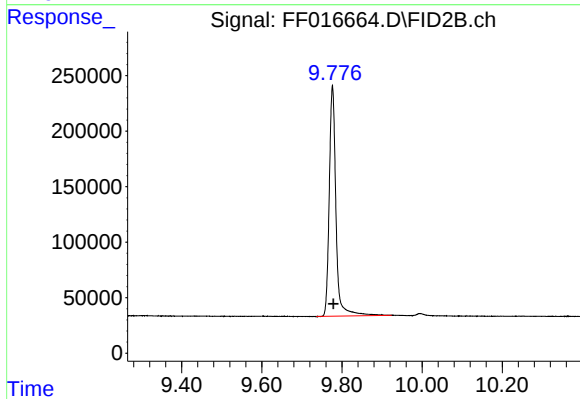
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.888 min
Delta R.T.: -0.004 min
Response: 1351357
Conc: 18.95 ug/ml



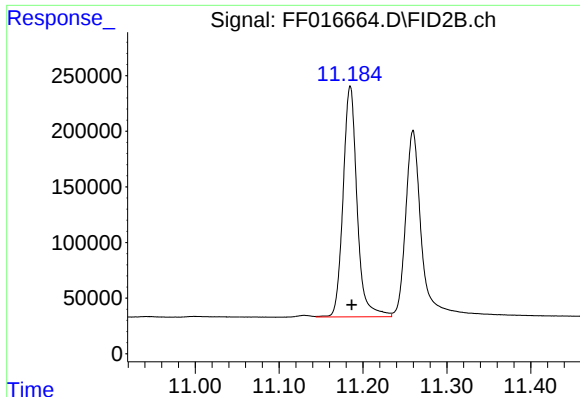
#7 Acenaphthene (C15.5)

R.T.: 8.986 min
Delta R.T.: 0.000 min
Response: 2552752
Conc: 18.57 ug/ml



#8 Fluorene (C16.55)

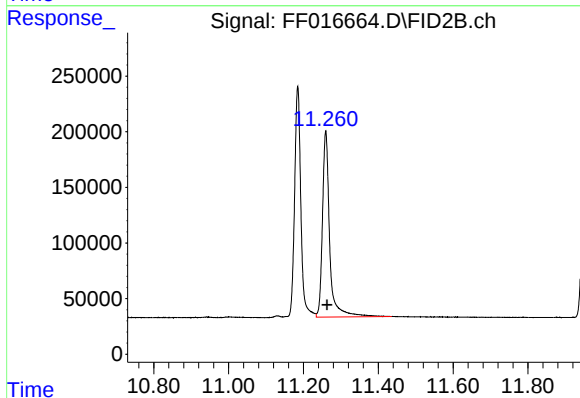
R.T.: 9.776 min
Delta R.T.: -0.003 min
Response: 2415836
Conc: 18.56 ug/ml



#9 Phenanthrene (C19.36)

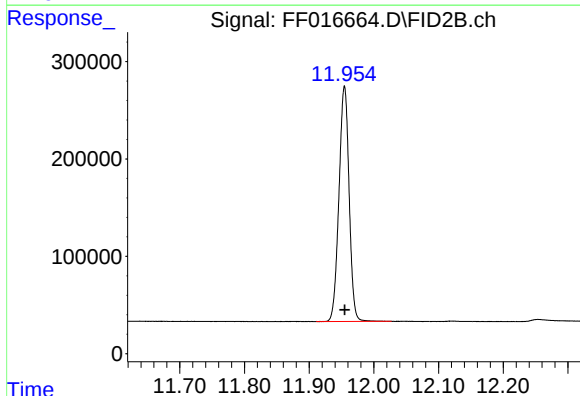
R.T.: 11.185 min
Delta R.T.: -0.002 min
Response: 2409448
Conc: 18.22 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



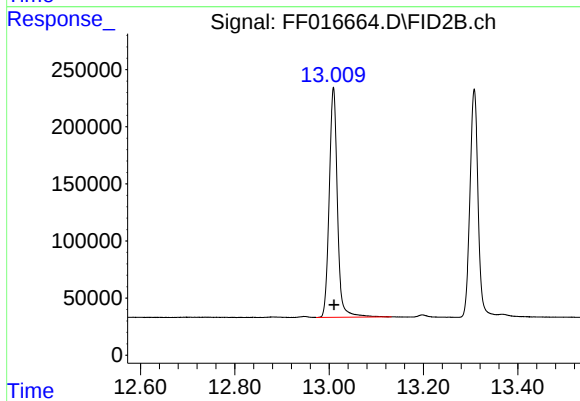
#10 Anthracene (C19.43)

R.T.: 11.260 min
Delta R.T.: -0.004 min
Response: 2244136
Conc: 16.56 ug/ml



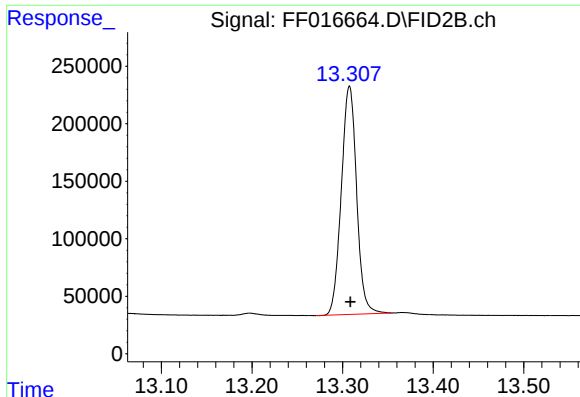
#11 ortho-Terphenyl (SURR)

R.T.: 11.955 min
Delta R.T.: 0.000 min
Response: 2635435
Conc: 17.95 ug/ml



#12 Fluoranthene (C21.85)

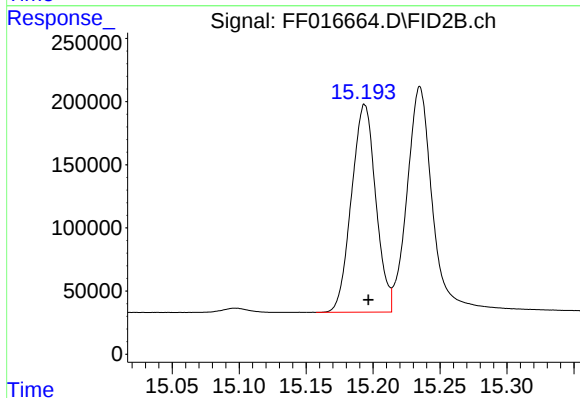
R.T.: 13.009 min
Delta R.T.: -0.001 min
Response: 2431129
Conc: 17.71 ug/ml



#13 Pyrene (C20.8)

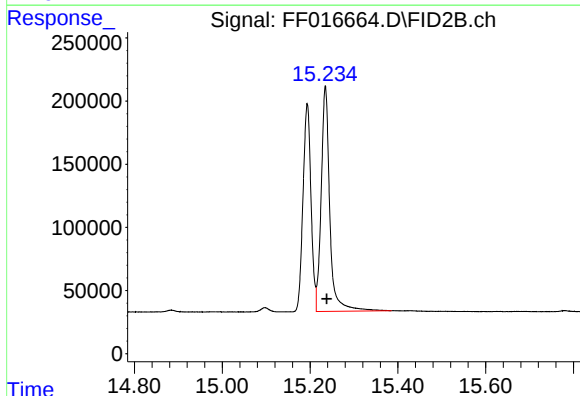
R.T.: 13.308 min
Delta R.T.: 0.000 min
Response: 2333116
Conc: 17.02 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD



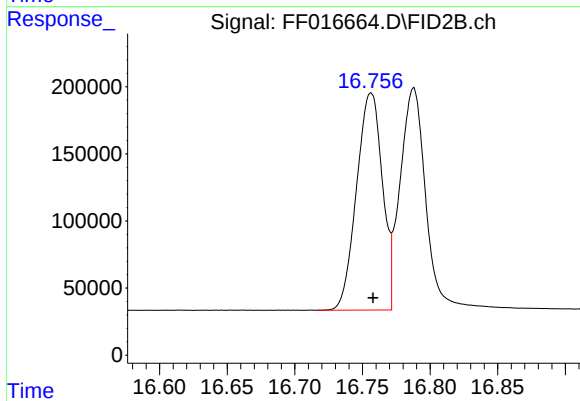
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.194 min
Delta R.T.: -0.003 min
Response: 2076969
Conc: 18.24 ug/ml



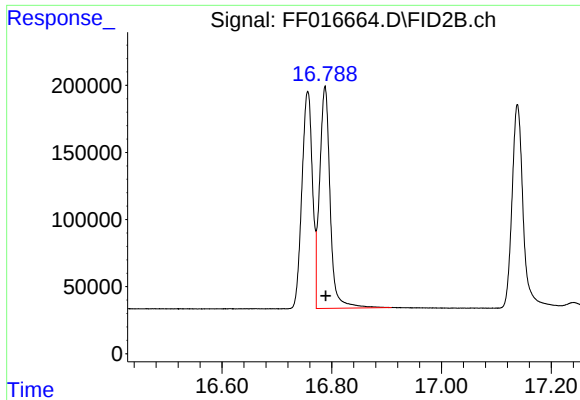
#15 Chrysene (C27.41)

R.T.: 15.235 min
Delta R.T.: -0.003 min
Response: 2436613
Conc: 17.27 ug/ml



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

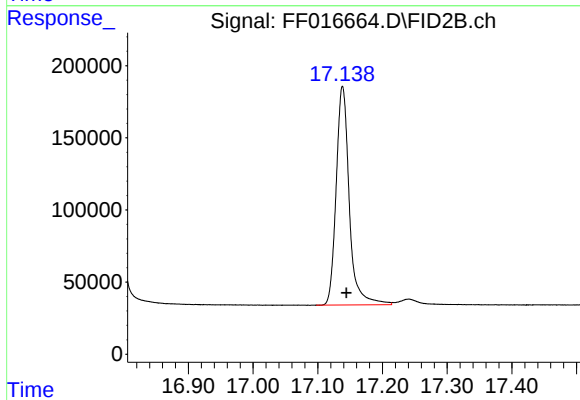
R.T.: 16.756 min
Delta R.T.: -0.002 min
Response: 2151809
Conc: 19.36 ug/ml



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

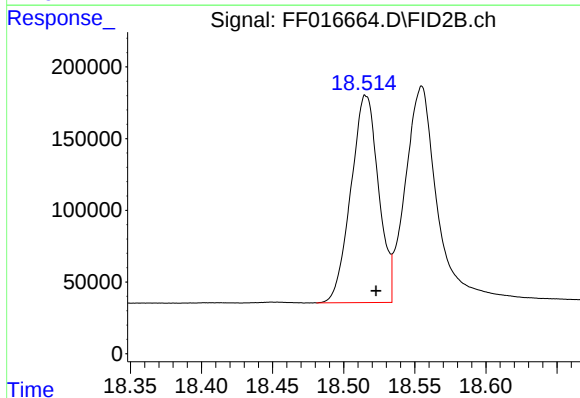
R.T.: 16.788 min
Delta R.T.: -0.002 min
Response: 2214045
Conc: 18.13 ug/ml

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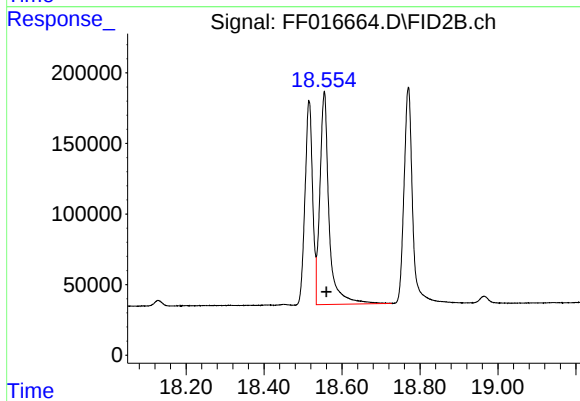
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.138 min
Delta R.T.: -0.006 min
Response: 2138058
Conc: 19.48 ug/ml



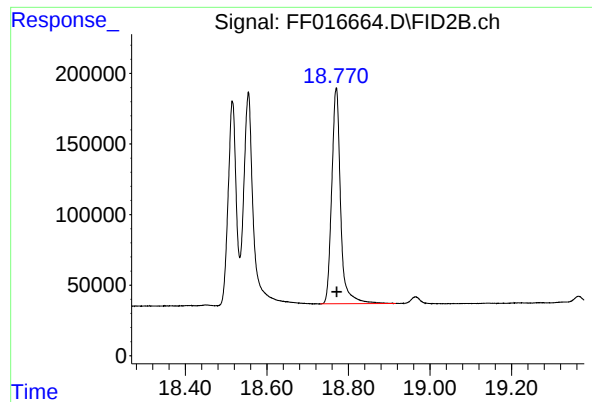
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.516 min
Delta R.T.: -0.007 min
Response: 1951450
Conc: 22.68 ug/ml



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

R.T.: 18.554 min
Delta R.T.: -0.006 min
Response: 2473649
Conc: 18.78 ug/ml



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

R.T.: 18.770 min
Delta R.T.: 0.000 min
Response: 2312374
Conc: 21.82 ug/ml

Instrument :

FID_F

ClientSampleId :

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