

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF121625AR\
 Data File : FF016900.D
 Signal(s) : FID2B.ch
 Acq On : 16 Dec 2025 21:28
 Operator : YP\AJ
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 5 PPM AROMATIC HC STD5

Integration File: autoint1.e
 Quant Time: Dec 17 03:31:35 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 121625.M
 Quant Title : GC Extractables
 QLast Update : Wed Dec 17 03:28:27 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...	7.998	526441	4.701 ug/ml
Spiked Amount 50.000		Recovery =	9.40%
6) S 2-Fluorobiphenyl (SURR)	8.880	253486	3.723 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	7.45%
11) S ortho-Terphenyl (SURR)	11.936	791006	5.579 ug/ml
Spiked Amount 50.000		Recovery =	11.16%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.592	695793	5.404 ug/ml
2) T Naphthalene (C11.7)	6.269	636987	4.918 ug/ml
3) T 2-Methylnaphthalene (...)	7.369	627139	4.810 ug/ml
5) T Acenaphthylene (C15.06)	8.672	683443	5.146 ug/ml
7) T Acenaphthene (C15.5)	8.970	689483	5.099 ug/ml
8) T Flouorene (C16.55)	9.763	598984	4.735 ug/ml
9) T Phenanthrene (C19.36)	11.170	623638	4.866 ug/ml
10) T Anthracene (C19.43)	11.248	682053	5.118 ug/ml
12) T Fluoranthene (C21.85)	12.994	684395	5.154 ug/ml
13) T Pyrene (C20.8)	13.291	708390	5.557 ug/ml
14) T Benzo[a]anthracene (C...	15.180	462409	4.125 ug/ml
15) T Chrysene (C27.41)	15.220	782224	5.753 ug/ml
16) T benzo[b]fluoranthene ...	16.740	493678	4.448 ug/ml
17) T Bnezo[k]fluoranthene ...	16.773	697330	5.840 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.129	570308	5.322 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.507	350372	4.220 ug/ml
20) T Dibenz[a,h]anthracene...	18.549	605594	5.215 ug/ml
21) T Benzo[g,h,i]perylene ...	18.754	527450	5.081 ug/ml

(f)=RT Delta > 1/2 Window

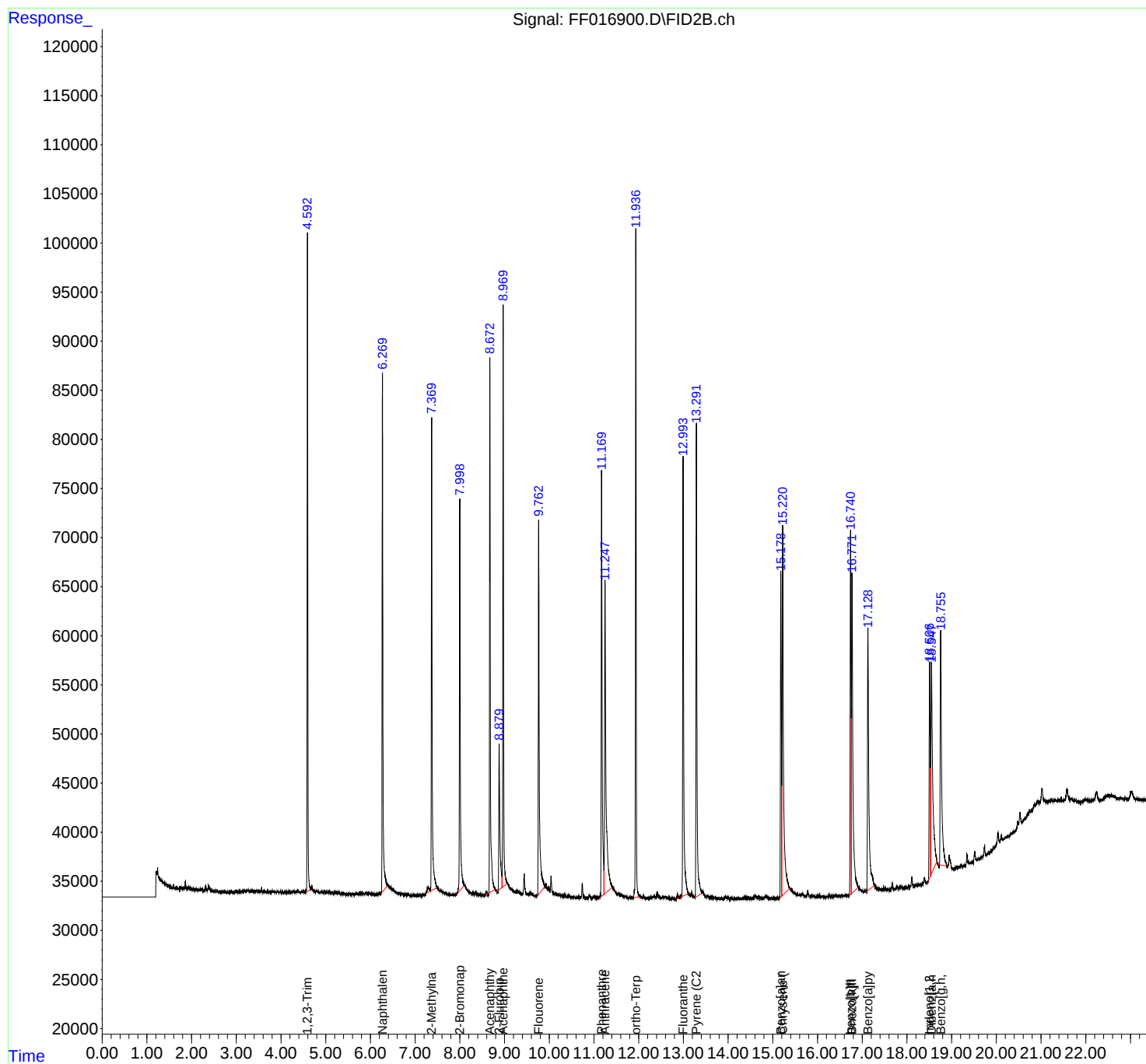
(m)=manual int.

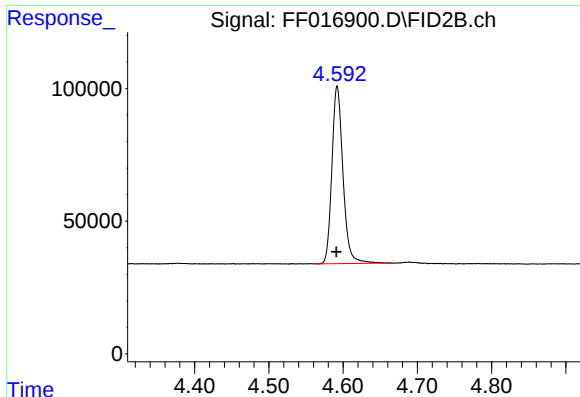
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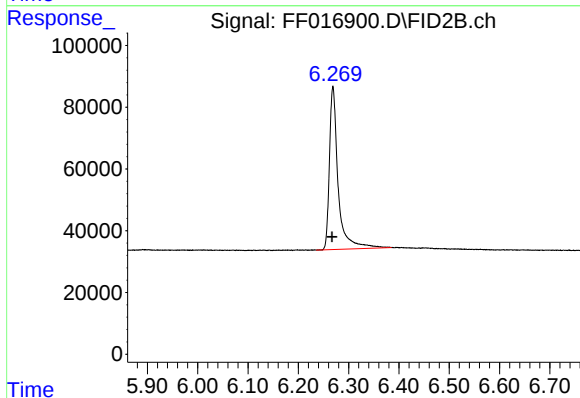




#1 1,2,3-Trimethylbenzene (C10.1)

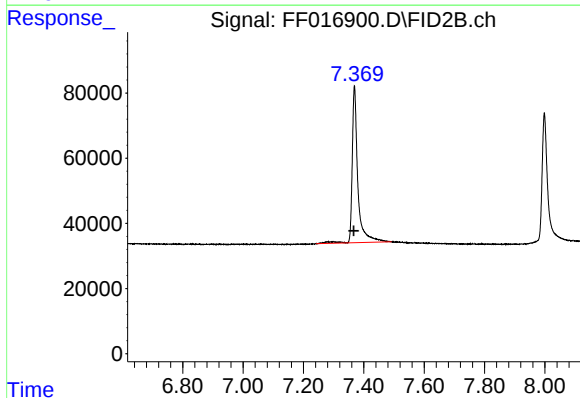
R.T.: 4.592 min
Delta R.T.: 0.001 min
Response: 695793
Conc: 5.40 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM AROMATIC HC STD5



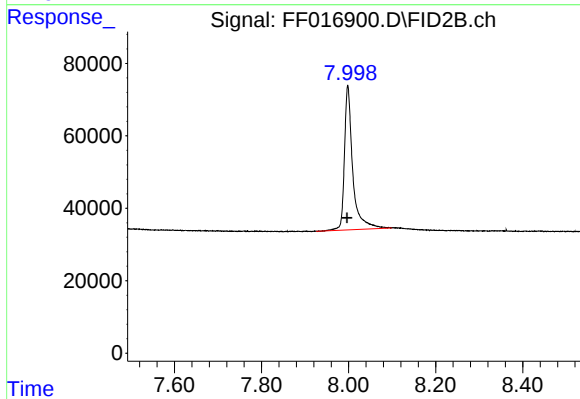
#2 Naphthalene (C11.7)

R.T.: 6.269 min
Delta R.T.: 0.002 min
Response: 636987
Conc: 4.92 ug/ml



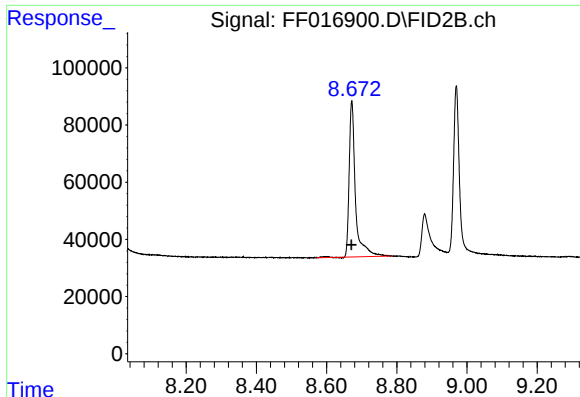
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.369 min
Delta R.T.: 0.003 min
Response: 627139
Conc: 4.81 ug/ml



#4 2-Bromonaphthalene (SURR)

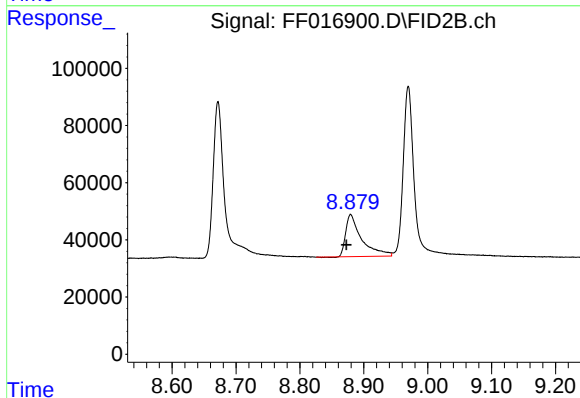
R.T.: 7.998 min
Delta R.T.: 0.002 min
Response: 526441
Conc: 4.70 ug/ml



#5 Acenaphthylene (C15.06)

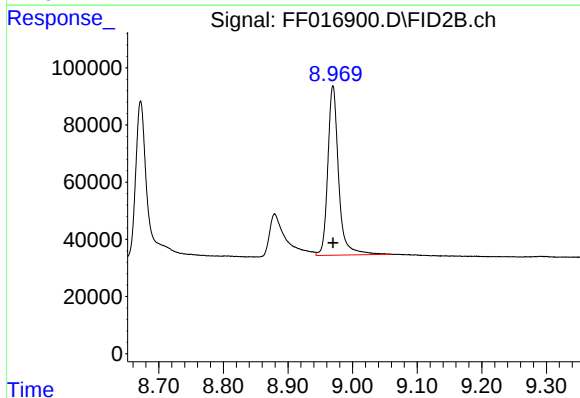
R.T.: 8.672 min
Delta R.T.: 0.001 min
Response: 683443
Conc: 5.15 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM AROMATIC HC STD5



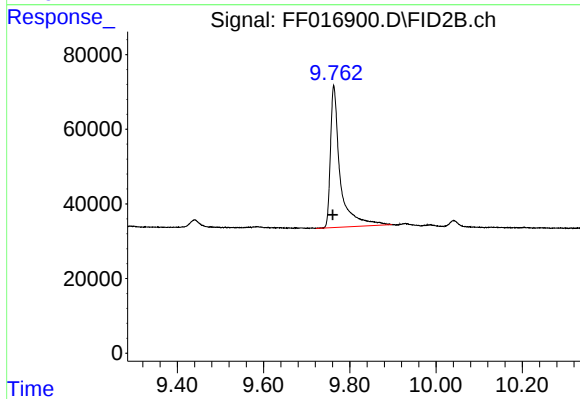
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.880 min
Delta R.T.: 0.007 min
Response: 253486
Conc: 3.72 ug/ml



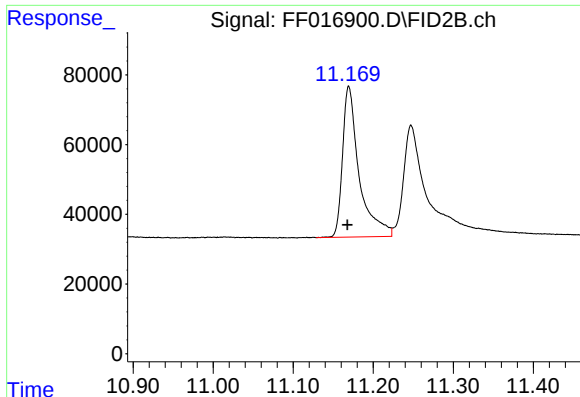
#7 Acenaphthene (C15.5)

R.T.: 8.970 min
Delta R.T.: 0.000 min
Response: 689483
Conc: 5.10 ug/ml



#8 Flouorene (C16.55)

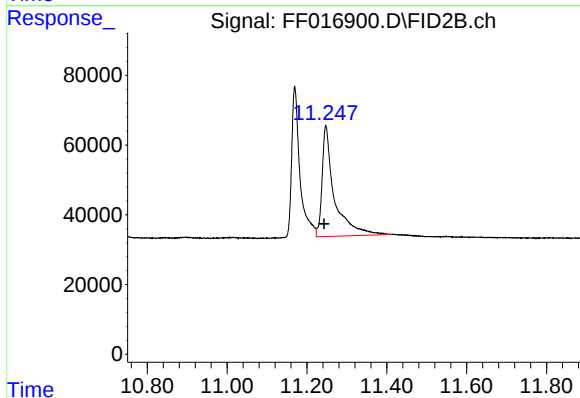
R.T.: 9.763 min
Delta R.T.: 0.003 min
Response: 598984
Conc: 4.73 ug/ml



#9 Phenanthrene (C19.36)

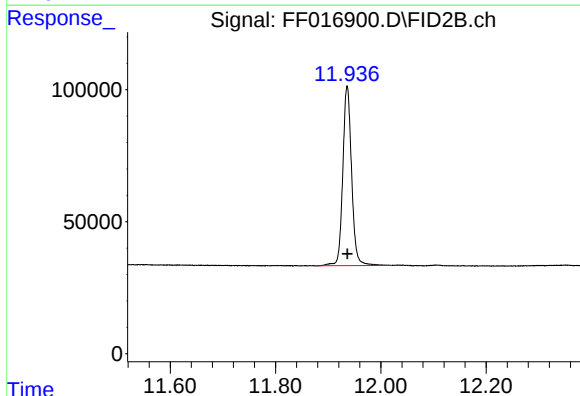
R.T.: 11.170 min
Delta R.T.: 0.002 min
Response: 623638
Conc: 4.87 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM AROMATIC HC STD5



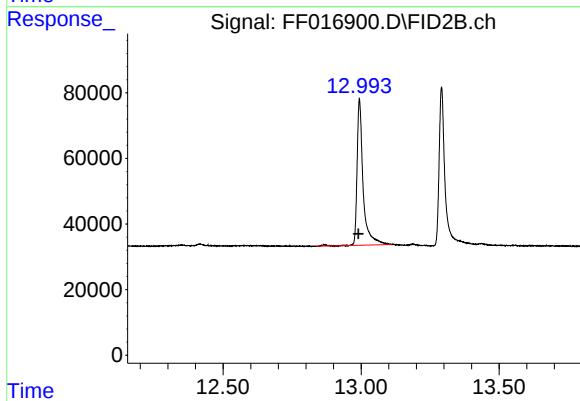
#10 Anthracene (C19.43)

R.T.: 11.248 min
Delta R.T.: 0.005 min
Response: 682053
Conc: 5.12 ug/ml



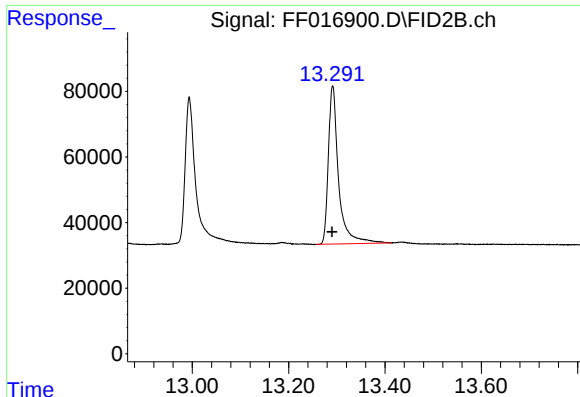
#11 ortho-Terphenyl (SURR)

R.T.: 11.936 min
Delta R.T.: 0.000 min
Response: 791006
Conc: 5.58 ug/ml



#12 Fluoranthene (C21.85)

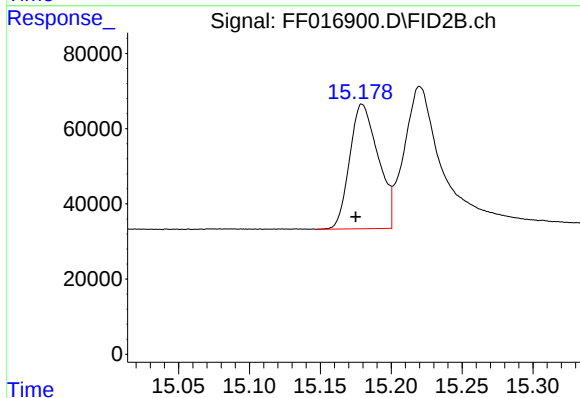
R.T.: 12.994 min
Delta R.T.: 0.003 min
Response: 684395
Conc: 5.15 ug/ml



#13 Pyrene (C20.8)

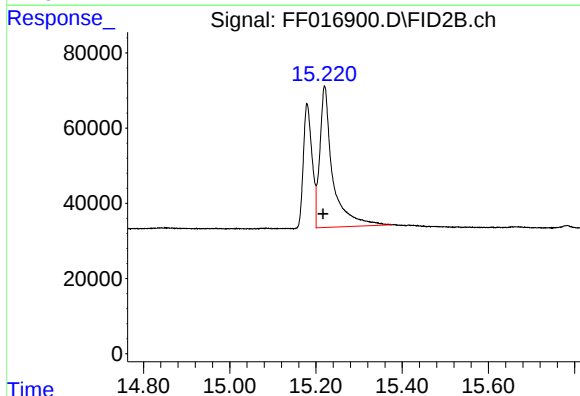
R.T.: 13.291 min
Delta R.T.: 0.001 min
Response: 708390
Conc: 5.56 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM AROMATIC HC STD5



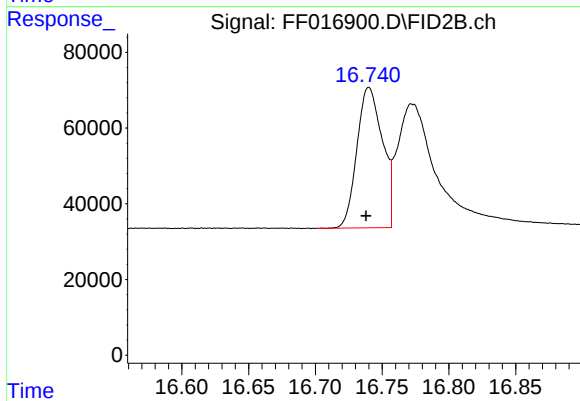
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.180 min
Delta R.T.: 0.005 min
Response: 462409
Conc: 4.13 ug/ml



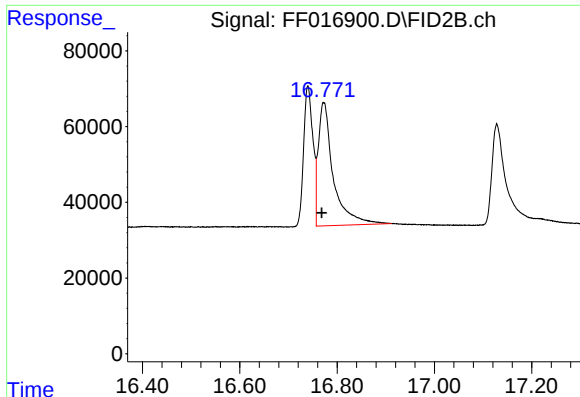
#15 Chrysene (C27.41)

R.T.: 15.220 min
Delta R.T.: 0.003 min
Response: 782224
Conc: 5.75 ug/ml



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

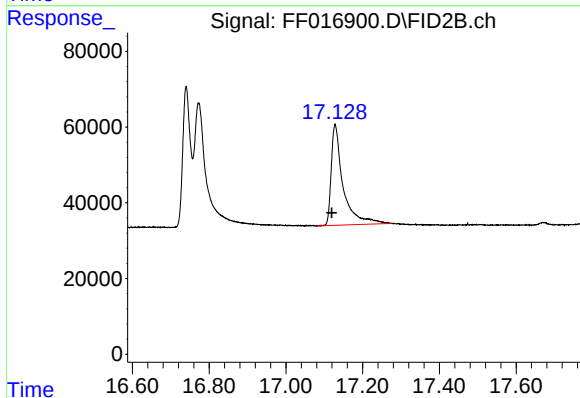
R.T.: 16.740 min
Delta R.T.: 0.002 min
Response: 493678
Conc: 4.45 ug/ml



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

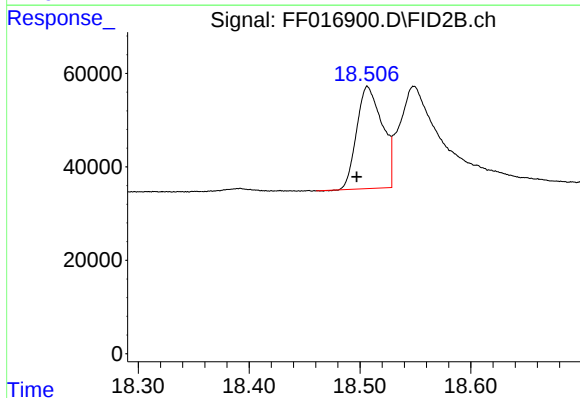
R.T.: 16.773 min
Delta R.T.: 0.004 min
Response: 697330
Conc: 5.84 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM AROMATIC HC STD5



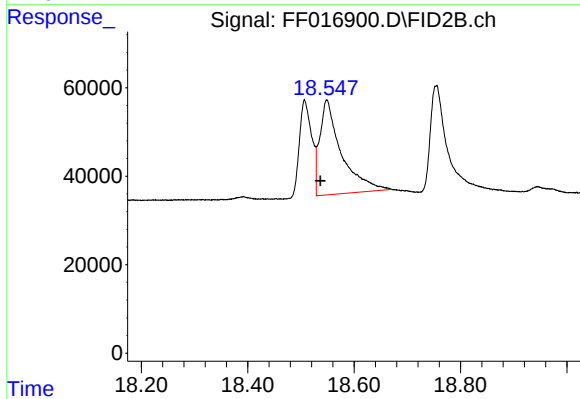
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.129 min
Delta R.T.: 0.009 min
Response: 570308
Conc: 5.32 ug/ml



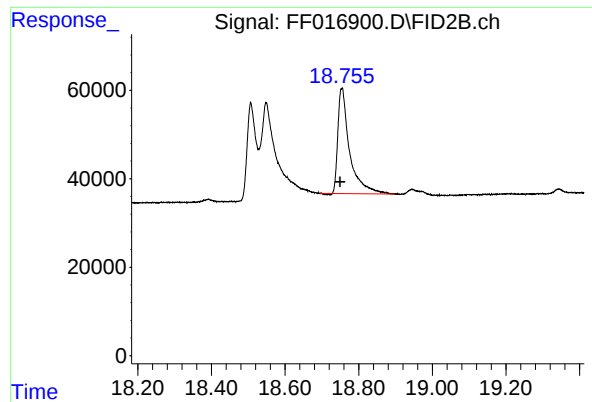
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.507 min
Delta R.T.: 0.010 min
Response: 350372
Conc: 4.22 ug/ml



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

R.T.: 18.549 min
Delta R.T.: 0.013 min
Response: 605594
Conc: 5.21 ug/ml



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

R.T.: 18.754 min
Delta R.T.: 0.005 min
Response: 527450
Conc: 5.08 ug/ml

Instrument :

FID_F

ClientSampleId :

5 PPM AROMATIC HC STD5