

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF092525AR\
 Data File : FF016462.D
 Signal(s) : FID2B.ch
 Acq On : 26 Sep 2025 08:42
 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 26 23:12:42 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...	8.028	2096739	16.738 ug/ml
Spiked Amount 50.000		Recovery =	33.48%
6) S 2-Fluorobiphenyl (SURR)	8.906	1407380	16.687 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	33.37%
11) S ortho-Terphenyl (SURR)	11.973	2476630	16.246 ug/ml
Spiked Amount 50.000		Recovery =	32.49%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.621	2402699	17.045 ug/ml
2) T Naphthalene (C11.7)	6.298	2459778	16.885 ug/ml
3) T 2-Methylnaphthalene (...)	7.399	2484705	16.877 ug/ml
5) T Acenaphthylene (C15.06)	8.706	2404945	16.595 ug/ml
7) T Acenaphthene (C15.5)	9.006	2419601	16.871 ug/ml
8) T Flouorene (C16.55)	9.795	2398495	16.603 ug/ml
9) T Phenanthrene (C19.36)	11.204	2363581	16.205 ug/ml
10) T Anthracene (C19.43)	11.279	2309289	16.141 ug/ml
12) T Fluoranthene (C21.85)	13.029	2313970	15.844 ug/ml
13) T Pyrene (C20.8)	13.328	2240356	15.634 ug/ml
14) T Benzo[a]anthracene (C...	15.213	2098704	15.418 ug/ml
15) T Chrysene (C27.41)	15.255	2209561	15.490 ug/ml
16) T benzo[b]fluoranthene ...	16.775	2095600	15.948 ug/ml
17) T Bnezo[k]fluoranthene ...	16.807	2036001	16.175 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.156	2082679	16.311 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.532	1913768	16.782 ug/ml
20) T Dibenz[a,h]anthracene...	18.571	2185929	16.744 ug/ml
21) T Benzo[g,h,i]perylene ...	18.788	2068791	16.800 ug/ml

(f)=RT Delta > 1/2 Window

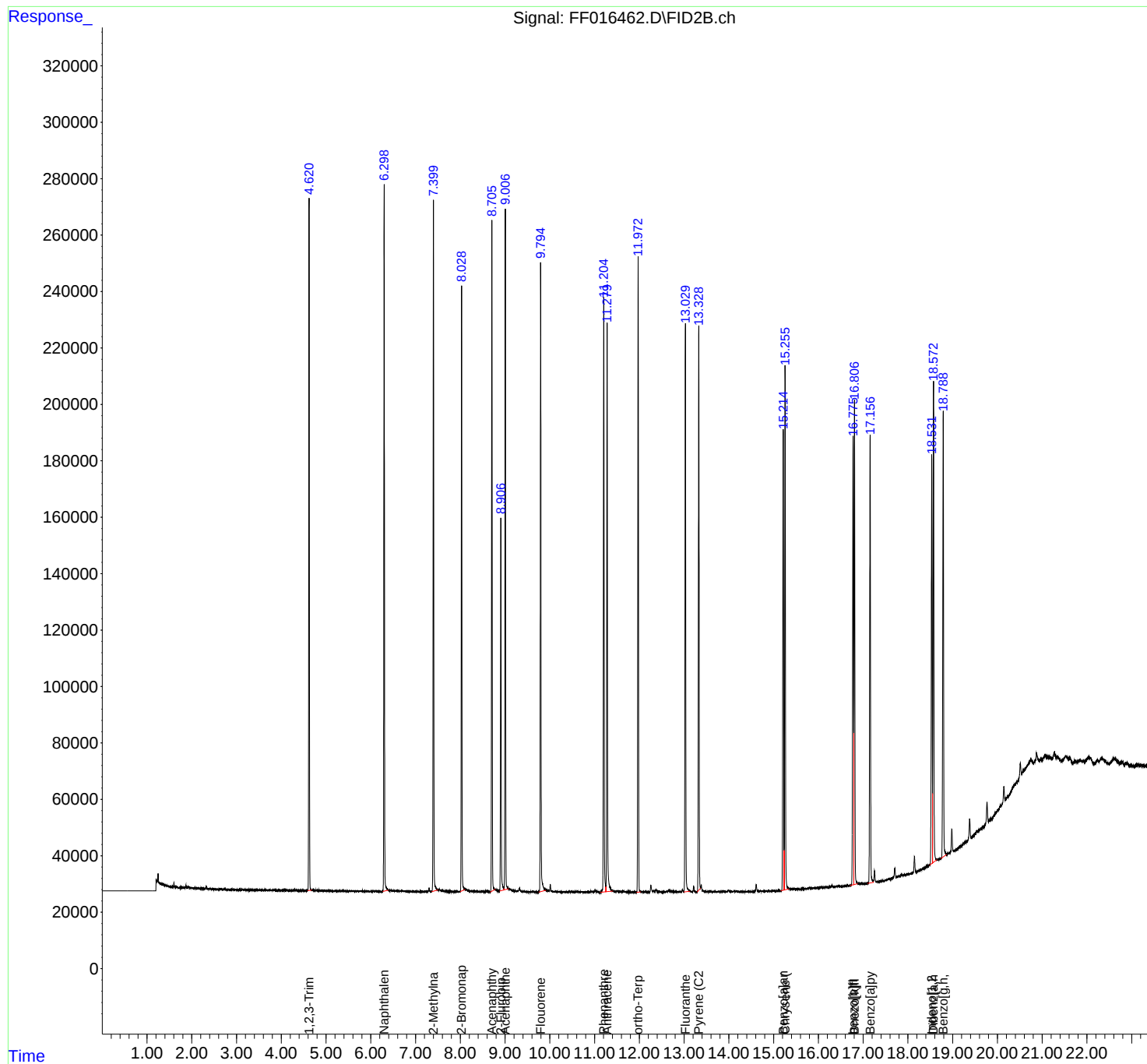
(m)=manual int.

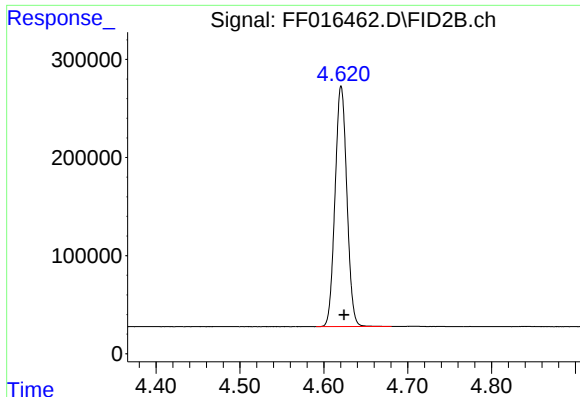
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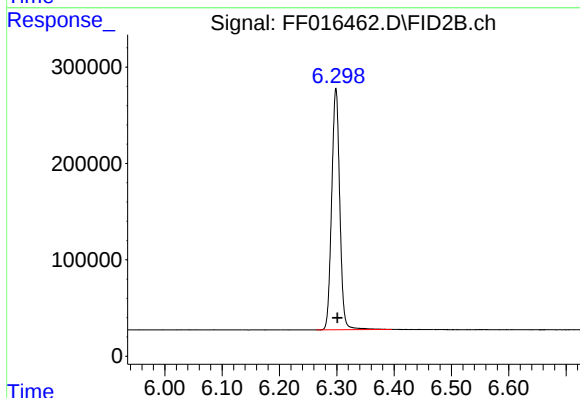




#1 1,2,3-Trimethylbenzene (C10.1)

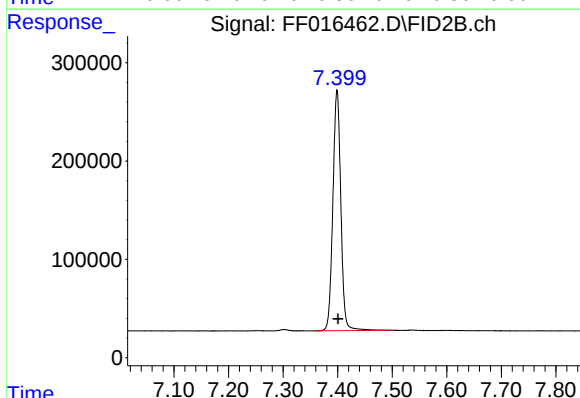
R.T.: 4.621 min
Delta R.T.: -0.003 min
Response: 2402699
Conc: 17.04 ug/ml

Instrument :
FID_F
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20 PPM AROMATIC HC STD



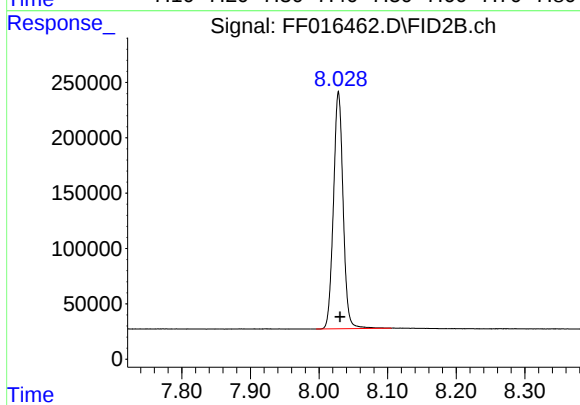
#2 Naphthalene (C11.7)

R.T.: 6.298 min
Delta R.T.: -0.003 min
Response: 2459778
Conc: 16.88 ug/ml



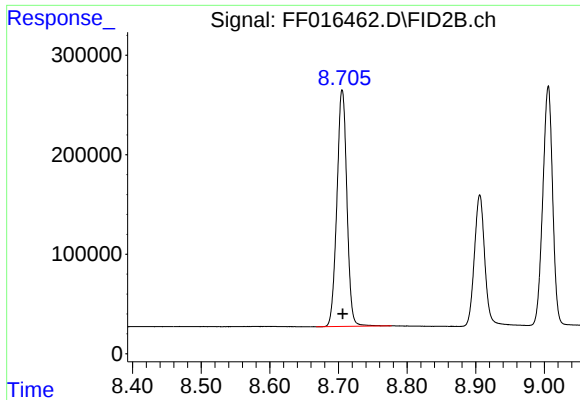
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.399 min
Delta R.T.: -0.002 min
Response: 2484705
Conc: 16.88 ug/ml



#4 2-Bromonaphthalene (SURR)

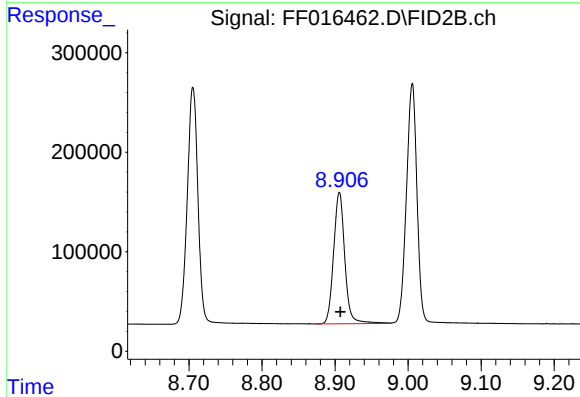
R.T.: 8.028 min
Delta R.T.: -0.002 min
Response: 2096739
Conc: 16.74 ug/ml



#5 Acenaphthylene (C15.06)

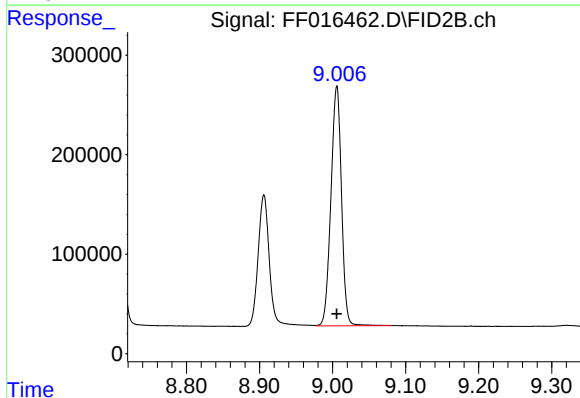
R.T.: 8.706 min
Delta R.T.: 0.000 min
Response: 2404945
Conc: 16.60 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



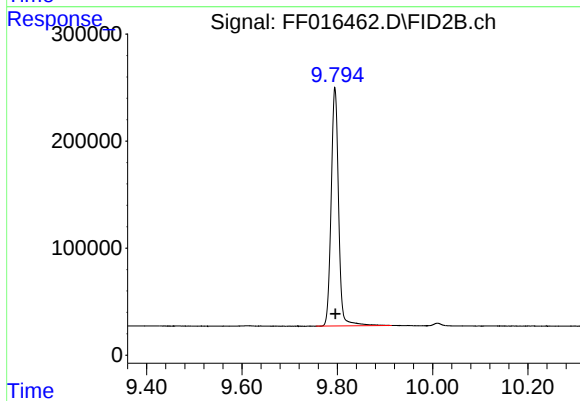
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.906 min
Delta R.T.: -0.002 min
Response: 1407380
Conc: 16.69 ug/ml



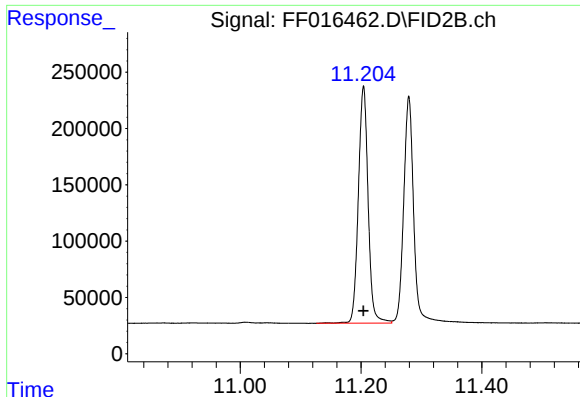
#7 Acenaphthene (C15.5)

R.T.: 9.006 min
Delta R.T.: 0.000 min
Response: 2419601
Conc: 16.87 ug/ml



#8 Fluorene (C16.55)

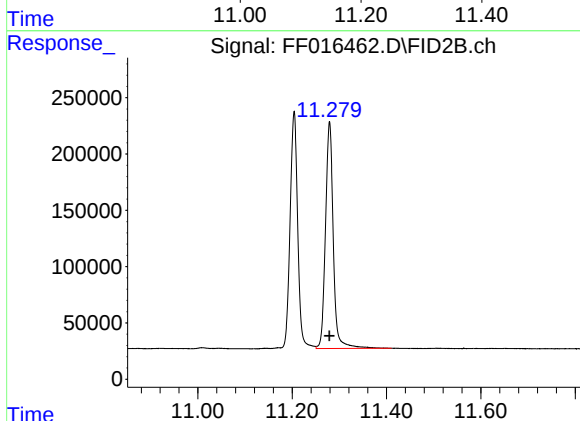
R.T.: 9.795 min
Delta R.T.: 0.000 min
Response: 2398495
Conc: 16.60 ug/ml



#9 Phenanthrene (C19.36)

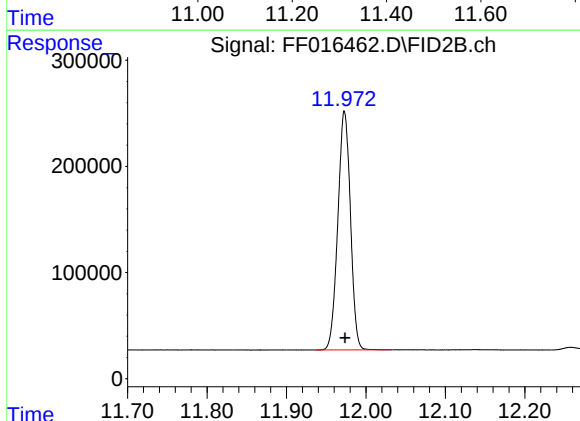
R.T.: 11.204 min
Delta R.T.: 0.000 min
Response: 2363581
Conc: 16.20 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



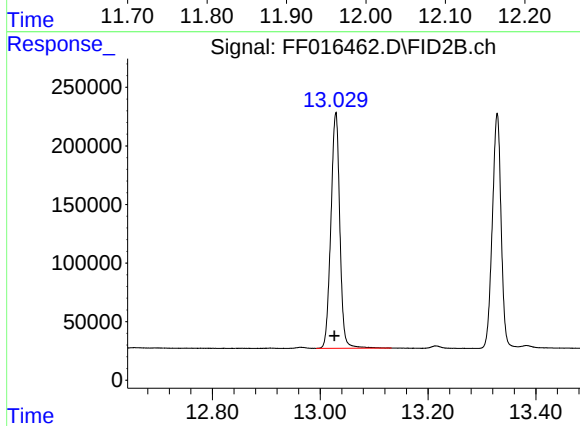
#10 Anthracene (C19.43)

R.T.: 11.279 min
Delta R.T.: 0.000 min
Response: 2309289
Conc: 16.14 ug/ml



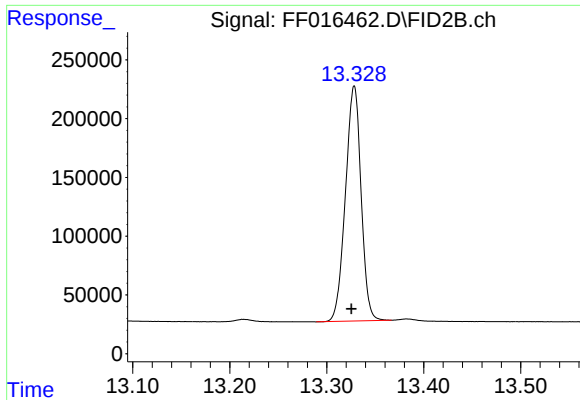
#11 ortho-Terphenyl (SURRE)

R.T.: 11.973 min
Delta R.T.: 0.000 min
Response: 2476630
Conc: 16.25 ug/ml



#12 Fluoranthene (C21.85)

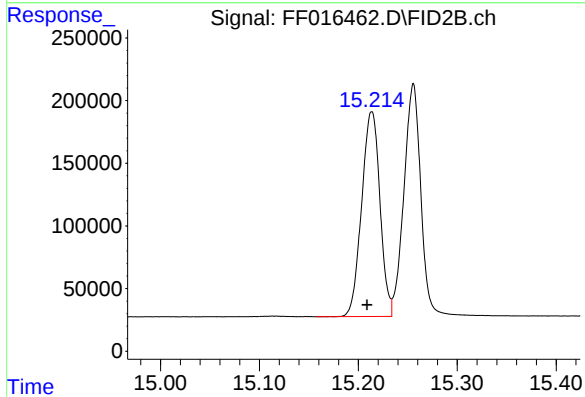
R.T.: 13.029 min
Delta R.T.: 0.002 min
Response: 2313970
Conc: 15.84 ug/ml



#13 Pyrene (C20.8)

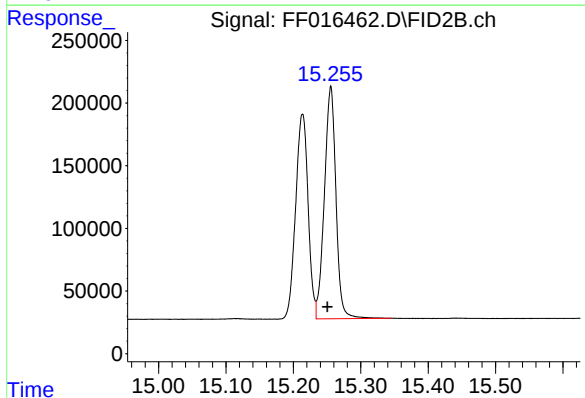
R.T.: 13.328 min
Delta R.T.: 0.003 min
Response: 2240356
Conc: 15.63 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD



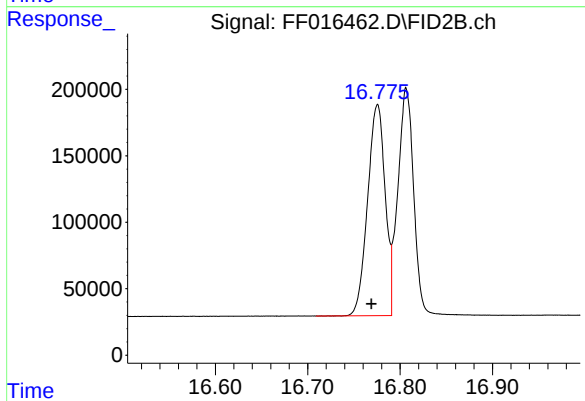
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.213 min
Delta R.T.: 0.004 min
Response: 2098704
Conc: 15.42 ug/ml



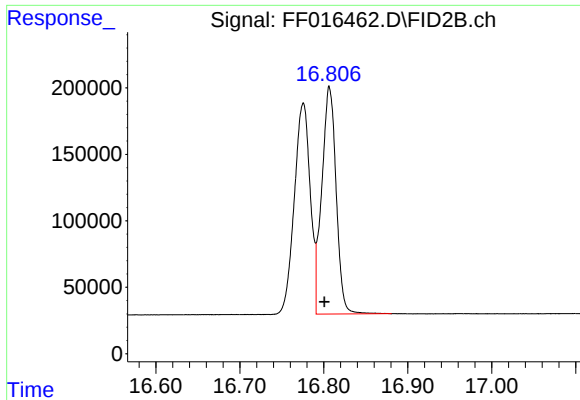
#15 Chrysene (C27.41)

R.T.: 15.255 min
Delta R.T.: 0.005 min
Response: 2209561
Conc: 15.49 ug/ml



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

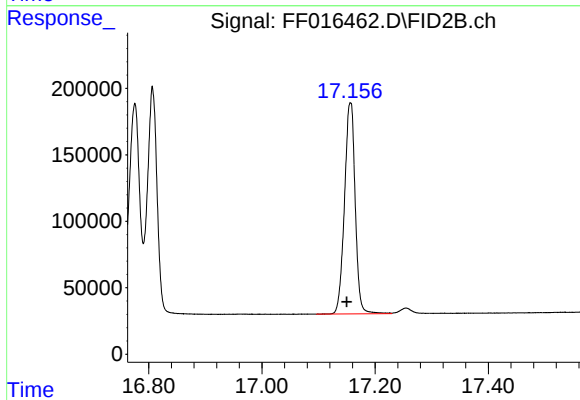
R.T.: 16.775 min
Delta R.T.: 0.006 min
Response: 2095600
Conc: 15.95 ug/ml



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

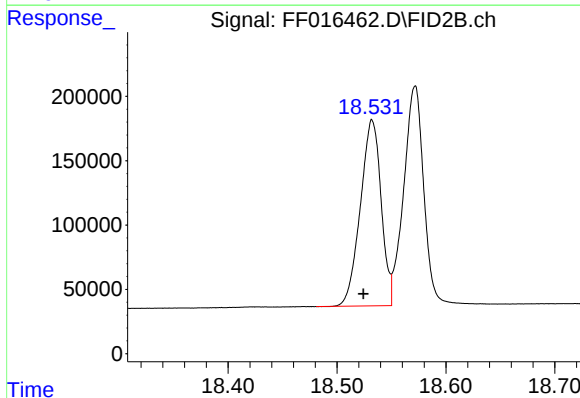
R.T.: 16.807 min
Delta R.T.: 0.006 min
Response: 2036001
Conc: 16.18 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD



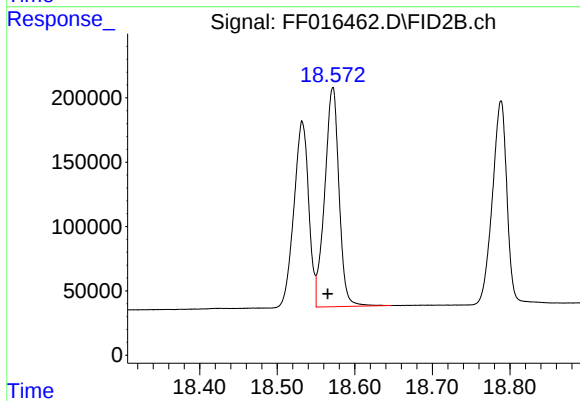
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.156 min
Delta R.T.: 0.006 min
Response: 2082679
Conc: 16.31 ug/ml



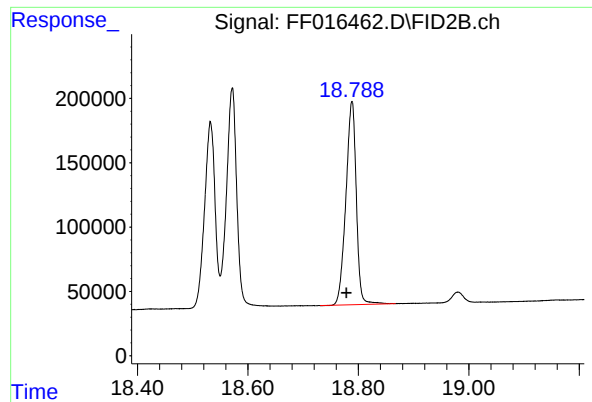
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.532 min
Delta R.T.: 0.008 min
Response: 1913768
Conc: 16.78 ug/ml



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

R.T.: 18.571 min
Delta R.T.: 0.006 min
Response: 2185929
Conc: 16.74 ug/ml



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

R.T.: 18.788 min
Delta R.T.: 0.010 min
Response: 2068791
Conc: 16.80 ug/ml

Instrument :

FID_F

ClientSampleId :

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