

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102124AR\
 Data File : FF014715.D
 Signal(s) : FID2B.ch
 Acq On : 21 Oct 2024 20:09
 Operator : YP\AJ
 Sample : 50 PPM AROMATIC HC STD2
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 50 PPM AROMATIC HC STD2

Integration File: autoint1.e
 Quant Time: Oct 22 04:10:09 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102124.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 22 04:07:29 2024
 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...	7.980	6689236	47.385 ug/ml
Spiked Amount 50.000		Recovery =	94.77%
6) S 2-Fluorobiphenyl (SURR)	8.852	4571031	47.779 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	95.56%
11) S ortho-Terphenyl (SURR)	11.916	7694214	47.508 ug/ml
Spiked Amount 50.000		Recovery =	95.02%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.597	7362780	47.692 ug/ml
2) T Naphthalene (C11.7)	6.261	7752255	47.714 ug/ml
3) T 2-Methylnaphthalene (...)	7.354	7839943	47.614 ug/ml
5) T Acenaphthylene (C15.06)	8.654	7664632	47.580 ug/ml
7) T Acenaphthene (C15.5)	8.954	7677865	47.753 ug/ml
8) T Fluorene (C16.55)	9.741	7635772	47.747 ug/ml
9) T Phenanthrene (C19.36)	11.146	7623448	47.701 ug/ml
10) T Anthracene (C19.43)	11.221	7279102	47.686 ug/ml
12) T Fluoranthene (C21.85)	12.964	7606946	47.632 ug/ml
13) T Pyrene (C20.8)	13.263	7553450	47.731 ug/ml
14) T Benzo[a]anthracene (C...	15.140	7373650	47.852 ug/ml
15) T Chrysene (C27.41)	15.186	7451906	47.703 ug/ml
16) T benzo[b]fluoranthene ...	16.696	7426647	47.994 ug/ml
17) T Bnezo[k]fluoranthene ...	16.732	6935597	47.583 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.078	7230851	47.787 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.446	6684543	48.452 ug/ml
20) T Dibenz[a,h]anthracene...	18.487	6921838	47.185 ug/ml
21) T Benzo[g,h,i]perylene ...	18.706	6954899	47.958 ug/ml

(f)=RT Delta > 1/2 Window

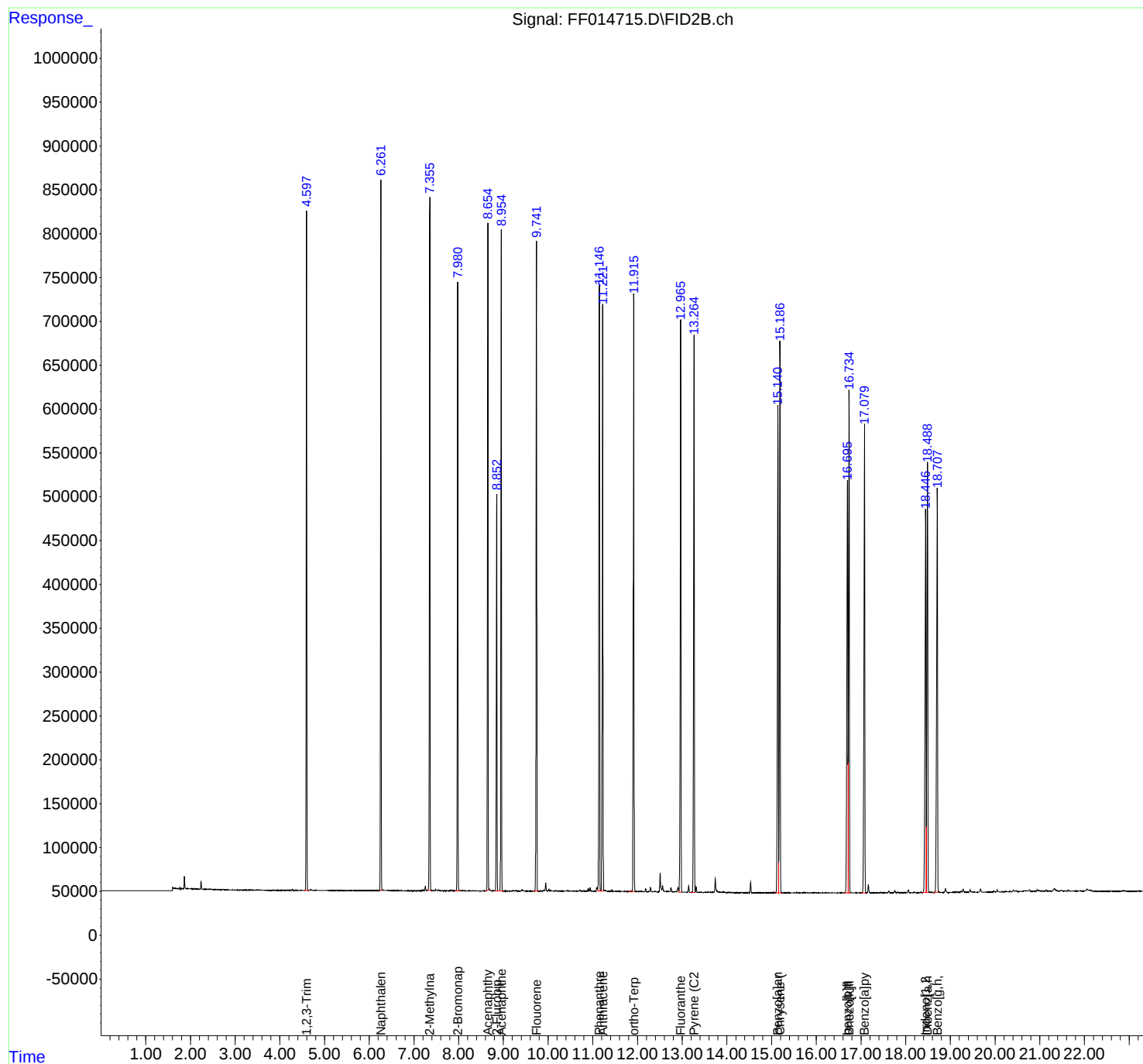
(m)=manual int.

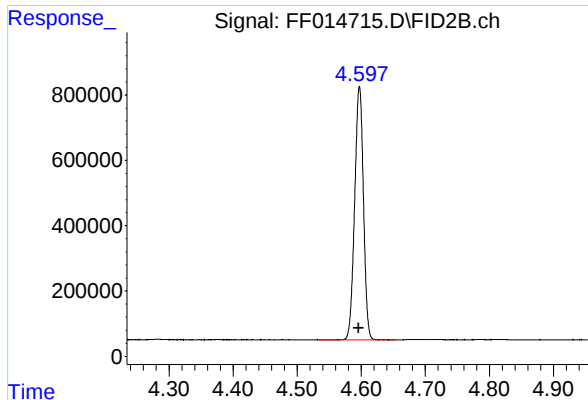
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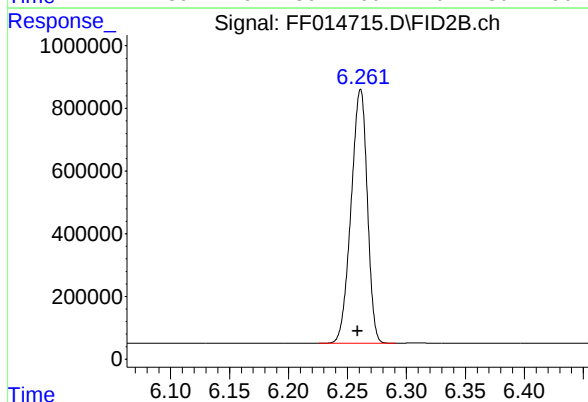




#1 1,2,3-Trimethylbenzene (C10.1)

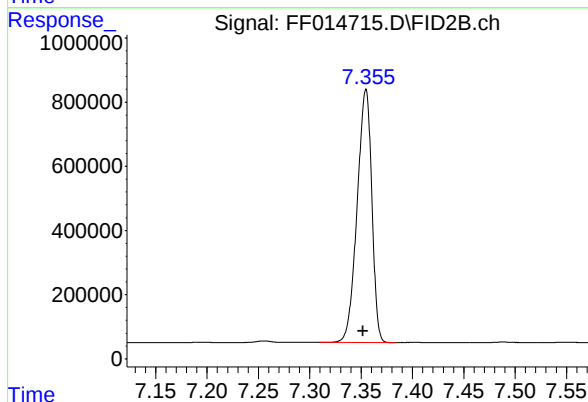
R.T.: 4.597 min
Delta R.T.: 0.001 min
Response: 7362780
Conc: 47.69 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM AROMATIC HC STD2



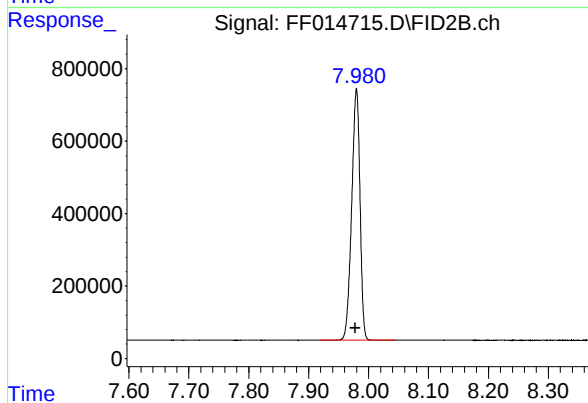
#2 Naphthalene (C11.7)

R.T.: 6.261 min
Delta R.T.: 0.002 min
Response: 7752255
Conc: 47.71 ug/ml



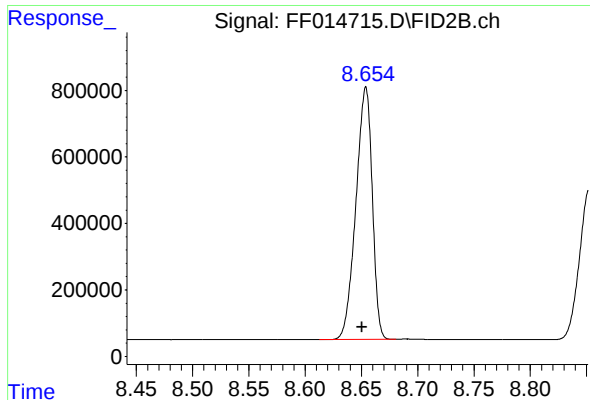
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.354 min
Delta R.T.: 0.003 min
Response: 7839943
Conc: 47.61 ug/ml



#4 2-Bromonaphthalene (SURR)

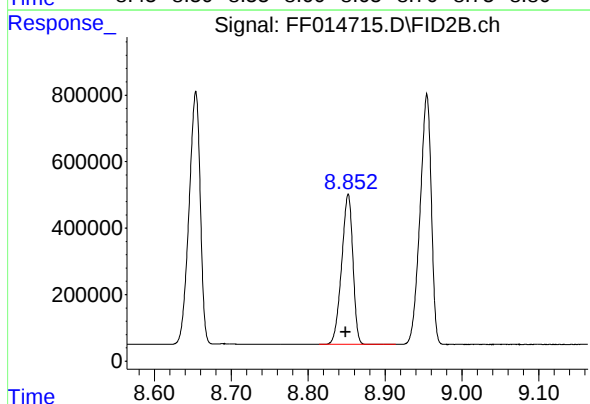
R.T.: 7.980 min
Delta R.T.: 0.002 min
Response: 6689236
Conc: 47.39 ug/ml



#5 Acenaphthylene (C15.06)

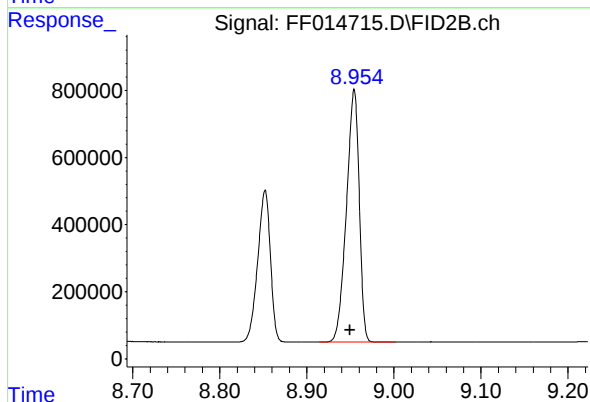
R.T.: 8.654 min
Delta R.T.: 0.003 min
Response: 7664632
Conc: 47.58 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM AROMATIC HC STD2



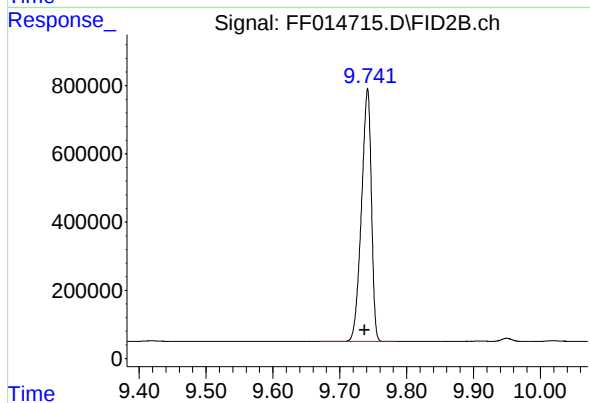
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.852 min
Delta R.T.: 0.003 min
Response: 4571031
Conc: 47.78 ug/ml



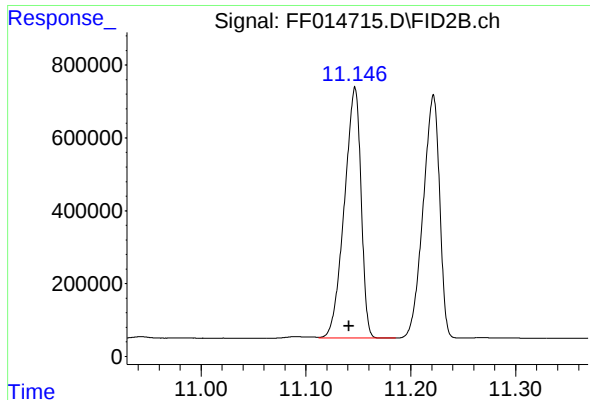
#7 Acenaphthene (C15.5)

R.T.: 8.954 min
Delta R.T.: 0.004 min
Response: 7677865
Conc: 47.75 ug/ml



#8 Fluorene (C16.55)

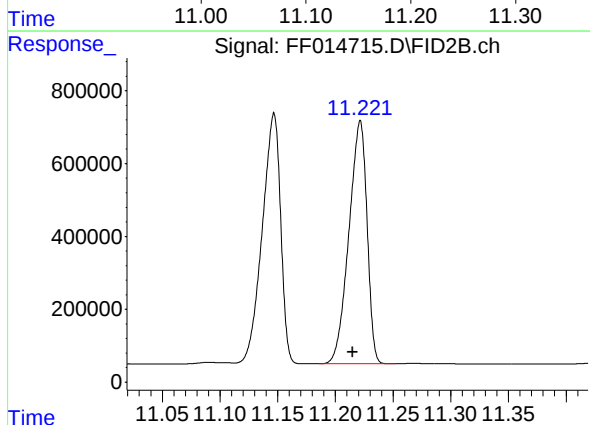
R.T.: 9.741 min
Delta R.T.: 0.004 min
Response: 7635772
Conc: 47.75 ug/ml



#9 Phenanthrene (C19.36)

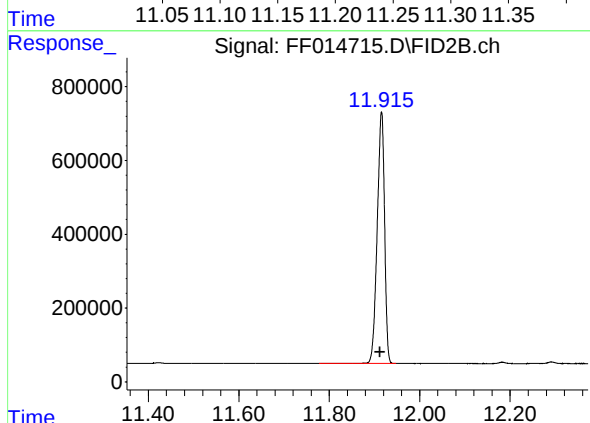
R.T.: 11.146 min
Delta R.T.: 0.005 min
Response: 7623448
Conc: 47.70 ug/ml

Instrument :
FID_F
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50 PPM AROMATIC HC STD2



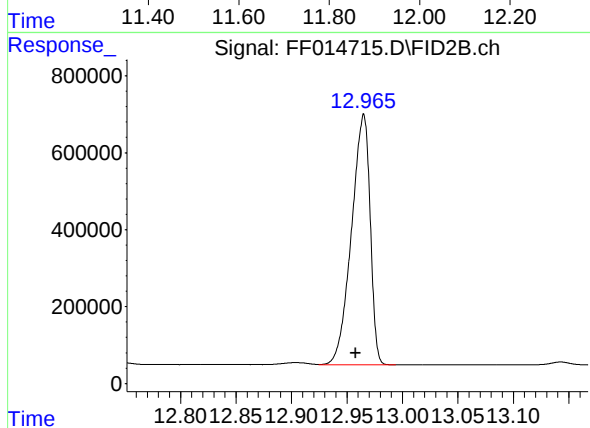
#10 Anthracene (C19.43)

R.T.: 11.221 min
Delta R.T.: 0.006 min
Response: 7279102
Conc: 47.69 ug/ml



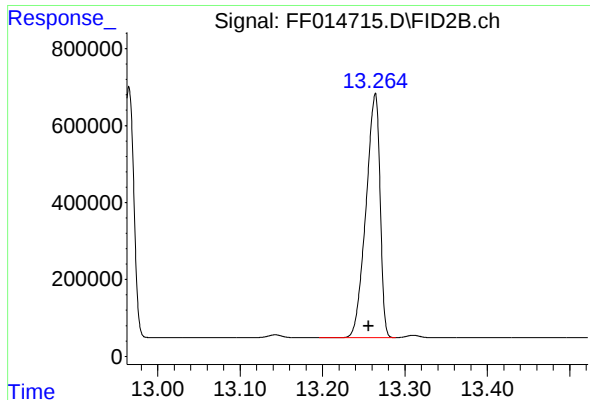
#11 ortho-Terphenyl (SURRE)

R.T.: 11.916 min
Delta R.T.: 0.004 min
Response: 7694214
Conc: 47.51 ug/ml



#12 Fluoranthene (C21.85)

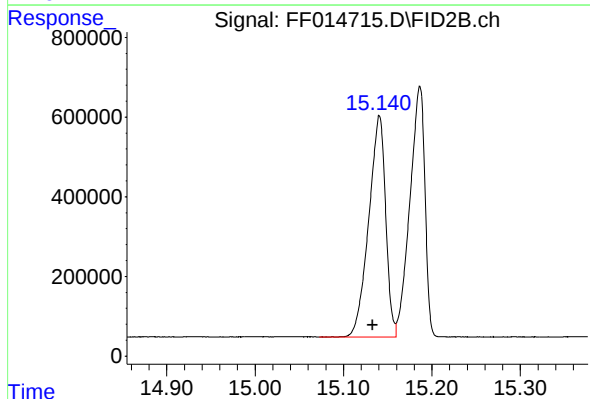
R.T.: 12.964 min
Delta R.T.: 0.007 min
Response: 7606946
Conc: 47.63 ug/ml



#13 Pyrene (C20.8)

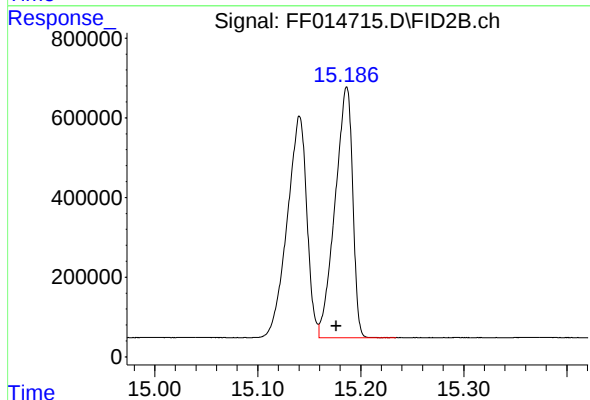
R.T.: 13.263 min
Delta R.T.: 0.007 min
Response: 7553450
Conc: 47.73 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM AROMATIC HC STD2



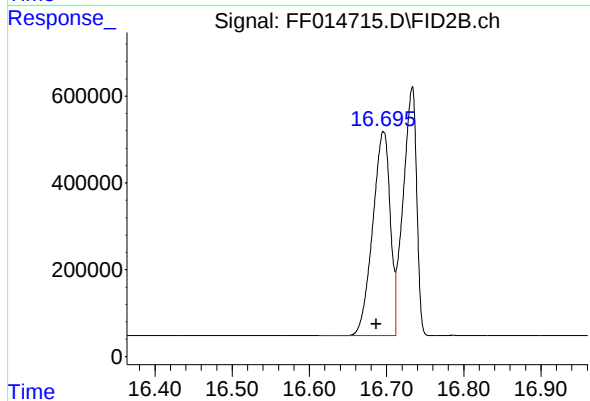
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.140 min
Delta R.T.: 0.007 min
Response: 7373650
Conc: 47.85 ug/ml



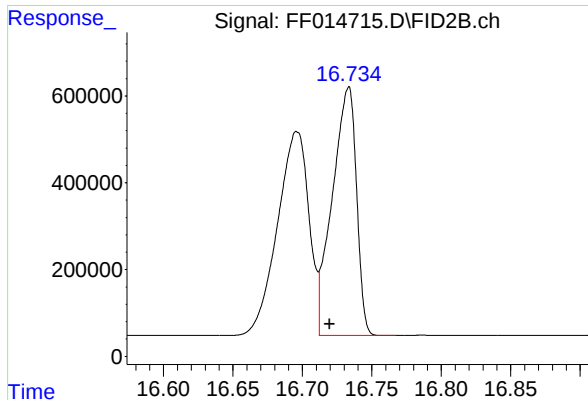
#15 Chrysene (C27.41)

R.T.: 15.186 min
Delta R.T.: 0.010 min
Response: 7451906
Conc: 47.70 ug/ml



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

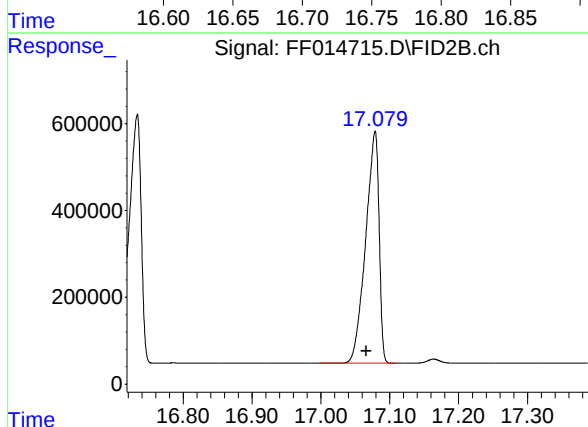
R.T.: 16.696 min
Delta R.T.: 0.009 min
Response: 7426647
Conc: 47.99 ug/ml



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

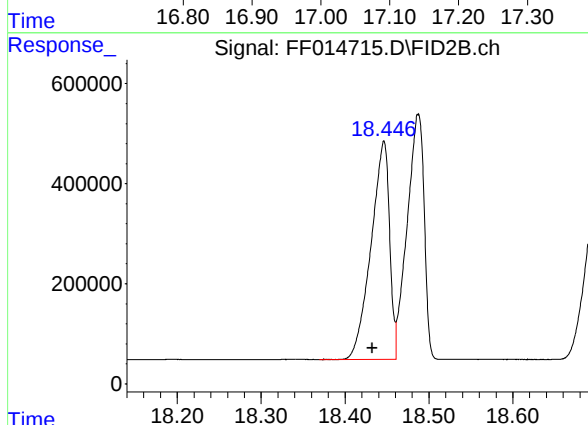
R.T.: 16.732 min
Delta R.T.: 0.013 min
Response: 6935597
Conc: 47.58 ug/ml

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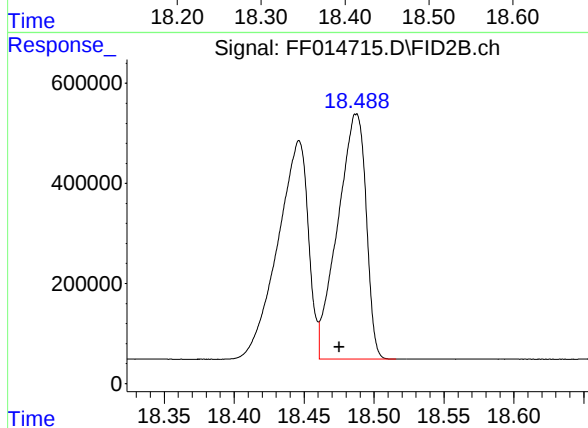
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.078 min
Delta R.T.: 0.012 min
Response: 7230851
Conc: 47.79 ug/ml



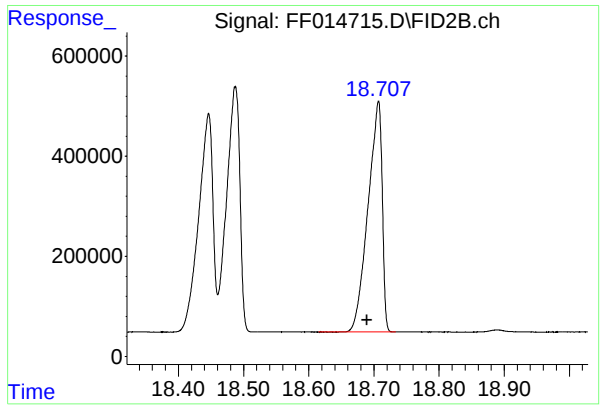
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.446 min
Delta R.T.: 0.013 min
Response: 6684543
Conc: 48.45 ug/ml



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

R.T.: 18.487 min
Delta R.T.: 0.012 min
Response: 6921838
Conc: 47.18 ug/ml



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

R.T.: 18.706 min
Delta R.T.: 0.017 min
Response: 6954899
Conc: 47.96 ug/ml

Instrument :

FID_F

ClientSampleId :

50 PPM AROMATIC HC STD2