

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF020525AR\
 Data File : FF015481.D
 Signal(s) : FID2B.ch
 Acq On : 06 Feb 2025 03:07
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: sample.E
 Quant Time: Feb 06 05:27:01 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 020525.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 06 05:15:16 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...	7.996	2340709	19.694 ug/ml
Spiked Amount 50.000		Recovery =	39.39%
6) S 2-Fluorobiphenyl (SURR)	8.871	1478524	19.469 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.94%
11) S ortho-Terphenyl (SURR)	11.934	2545817	19.304 ug/ml
Spiked Amount 50.000		Recovery =	38.61%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.607	2673939	19.306 ug/ml
2) T Naphthalene (C11.7)	6.276	2672703	19.404 ug/ml
3) T 2-Methylnaphthalene (...)	7.370	2572924	19.355 ug/ml
5) T Acenaphthylene (C15.06)	8.671	2613593	19.329 ug/ml
7) T Acenaphthene (C15.5)	8.969	2584056	19.234 ug/ml
8) T Fluorene (C16.55)	9.759	2512975	19.350 ug/ml
9) T Phenanthrene (C19.36)	11.166	2351243	19.370 ug/ml
10) T Anthracene (C19.43)	11.242	2323476	19.386 ug/ml
12) T Fluoranthene (C21.85)	12.988	2348031	19.304 ug/ml
13) T Pyrene (C20.8)	13.288	2366601	19.447 ug/ml
14) T Benzo[a]anthracene (C...	15.170	2102630	19.282 ug/ml
15) T Chrysene (C27.41)	15.212	2305123	19.332 ug/ml
16) T benzo[b]fluoranthene ...	16.730	2231071	19.330 ug/ml
17) T Bnezo[k]fluoranthene ...	16.762	2330580	19.299 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.112	2173632	19.373 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.485	2092281	18.981 ug/ml
20) T Dibenz[a,h]anthracene...	18.524	2398317	19.431 ug/ml
21) T Benzo[g,h,i]perylene ...	18.741	2474732	19.331 ug/ml

(f)=RT Delta > 1/2 Window

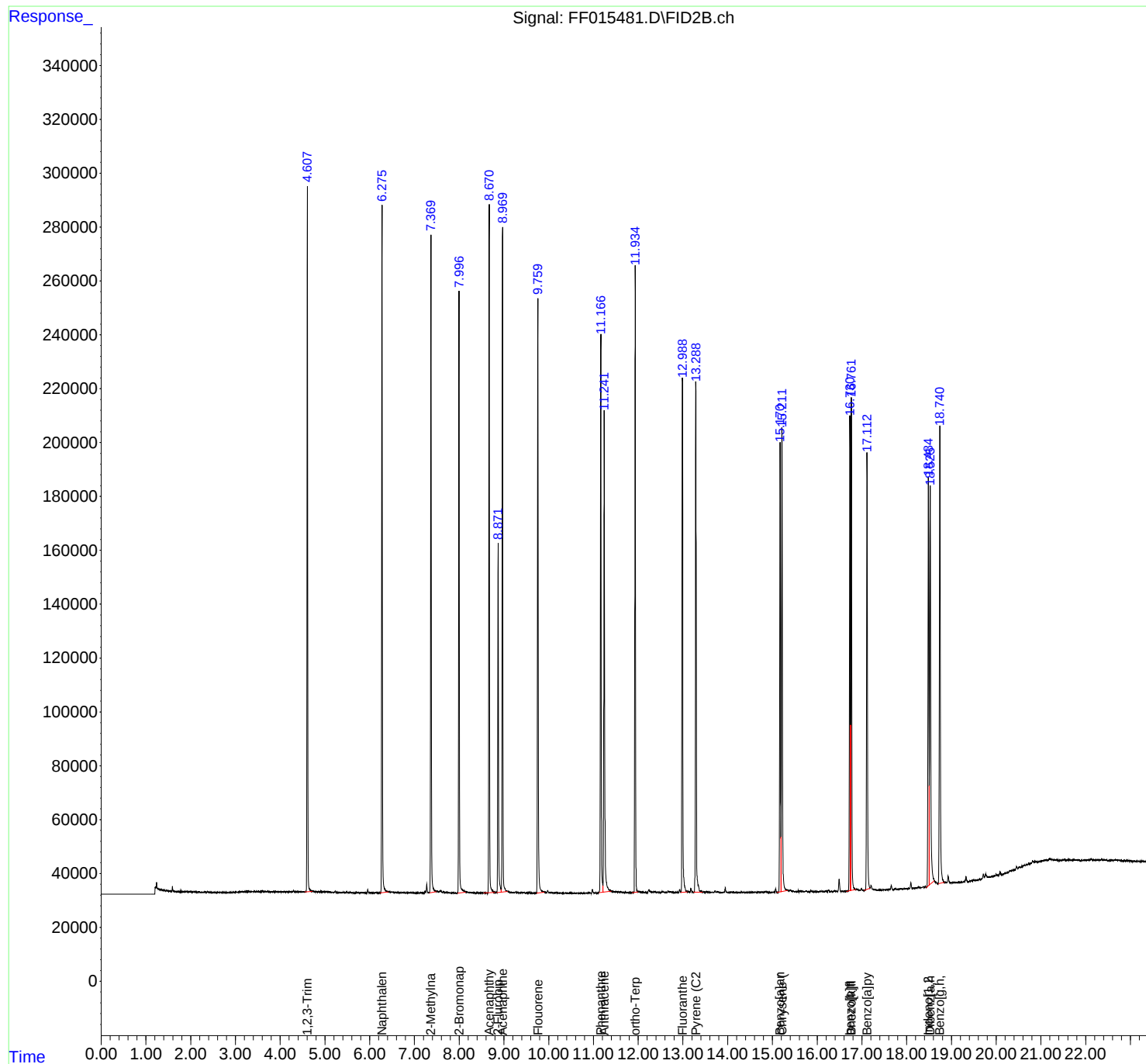
(m)=manual int.

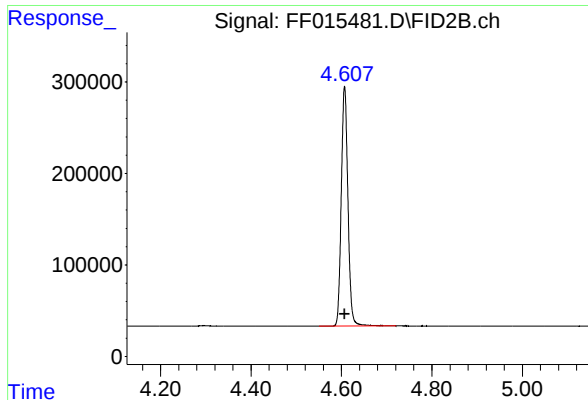
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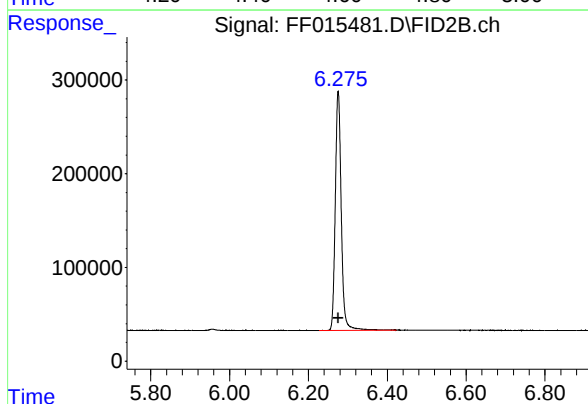




#1 1,2,3-Trimethylbenzene (C10.1)

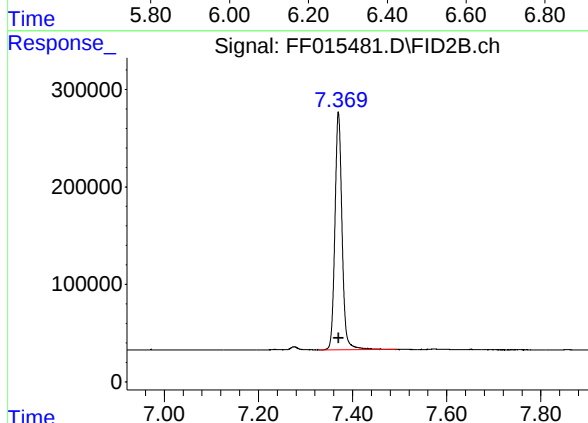
R.T.: 4.607 min
Delta R.T.: 0.000 min
Response: 2673939
Conc: 19.31 ug/ml

Instrument :
FID_F
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20 PPM AROMATIC HC STD



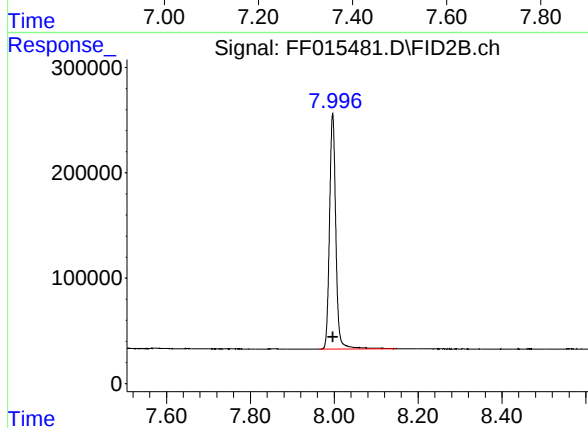
#2 Naphthalene (C11.7)

R.T.: 6.276 min
Delta R.T.: 0.000 min
Response: 2672703
Conc: 19.40 ug/ml



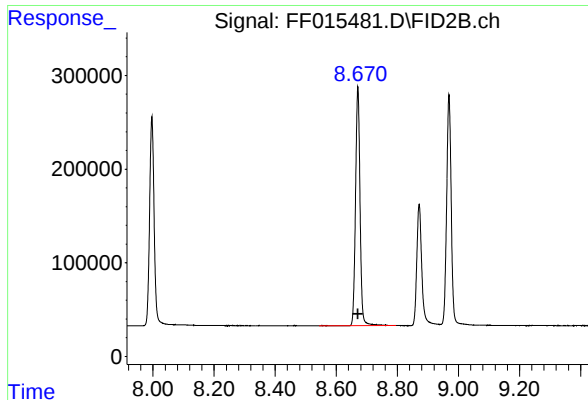
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.370 min
Delta R.T.: 0.000 min
Response: 2572924
Conc: 19.36 ug/ml



#4 2-Bromonaphthalene (SURR)

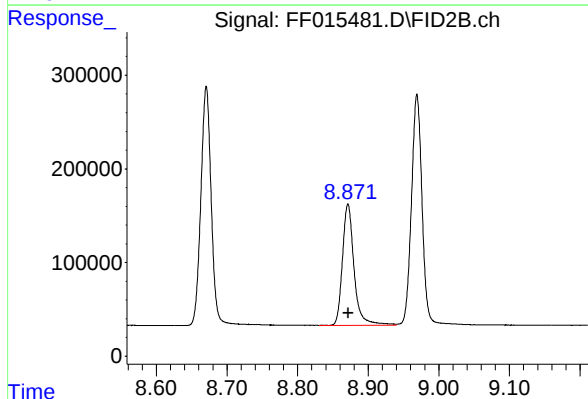
R.T.: 7.996 min
Delta R.T.: 0.000 min
Response: 2340709
Conc: 19.69 ug/ml



#5 Acenaphthylene (C15.06)

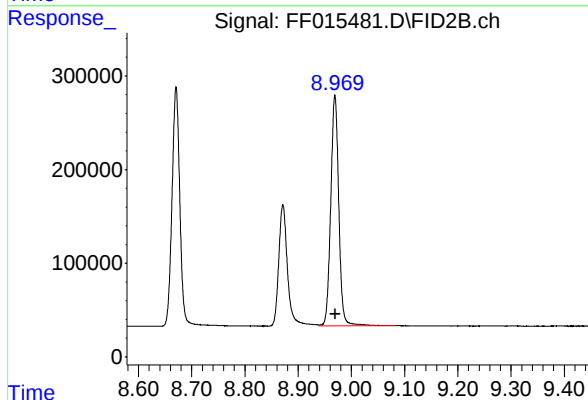
R.T.: 8.671 min
Delta R.T.: 0.000 min
Response: 2613593
Conc: 19.33 ug/ml

Instrument :
FID_F
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20 PPM AROMATIC HC STD



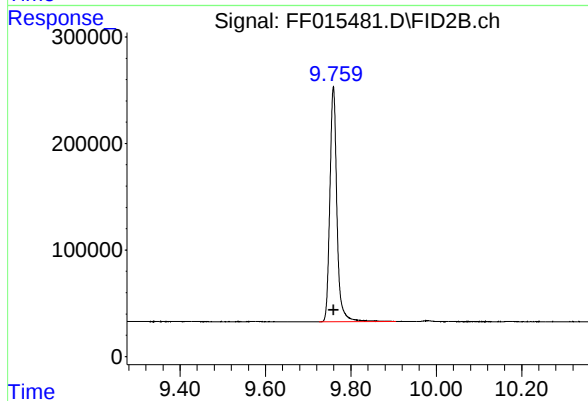
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.871 min
Delta R.T.: 0.000 min
Response: 1478524
Conc: 19.47 ug/ml



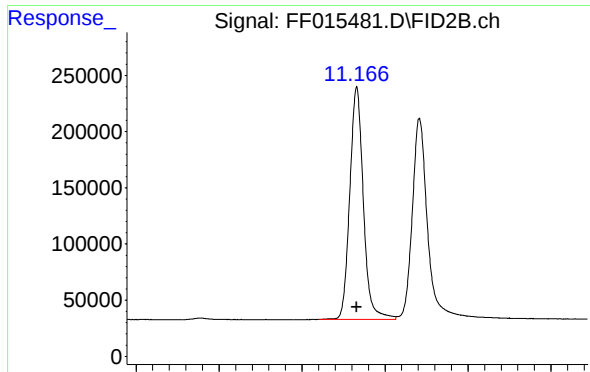
#7 Acenaphthene (C15.5)

R.T.: 8.969 min
Delta R.T.: 0.000 min
Response: 2584056
Conc: 19.23 ug/ml



#8 Fluorene (C16.55)

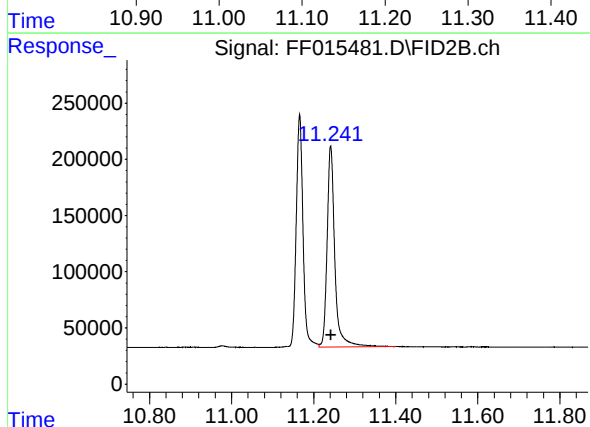
R.T.: 9.759 min
Delta R.T.: 0.000 min
Response: 2512975
Conc: 19.35 ug/ml



#9 Phenanthrene (C19.36)

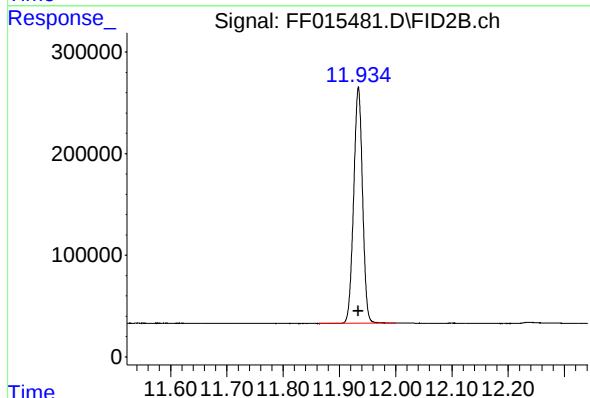
R.T.: 11.166 min
Delta R.T.: 0.000 min
Response: 2351243
Conc: 19.37 ug/ml

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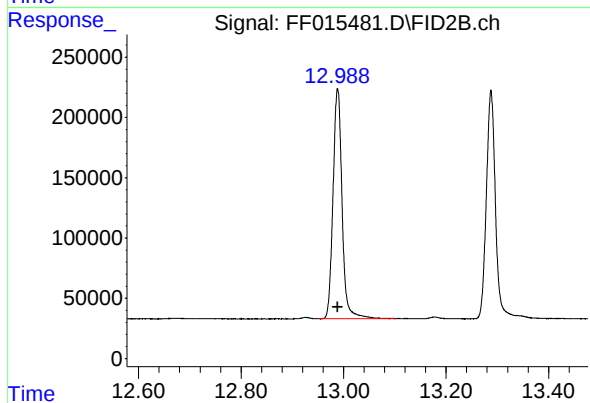
#10 Anthracene (C19.43)

R.T.: 11.242 min
Delta R.T.: 0.000 min
Response: 2323476
Conc: 19.39 ug/ml



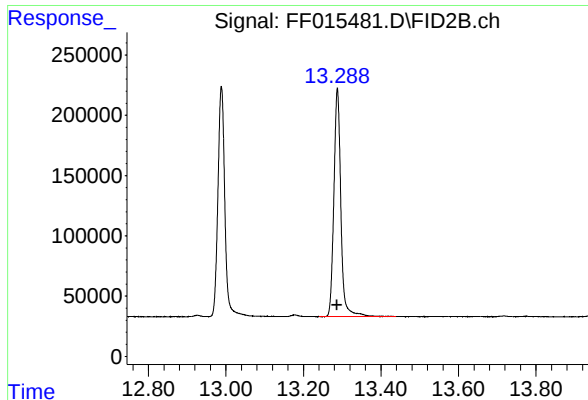
#11 ortho-Terphenyl (SURR)

R.T.: 11.934 min
Delta R.T.: 0.000 min
Response: 2545817
Conc: 19.30 ug/ml



#12 Fluoranthene (C21.85)

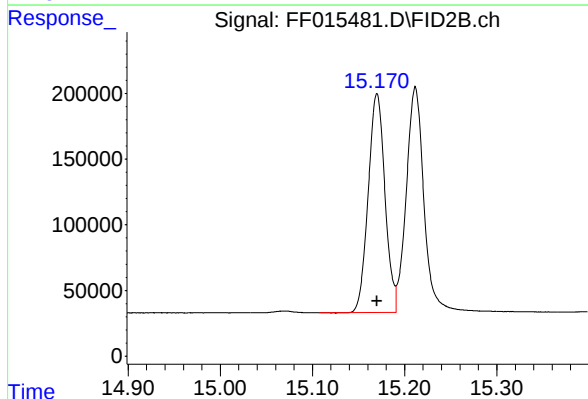
R.T.: 12.988 min
Delta R.T.: 0.000 min
Response: 2348031
Conc: 19.30 ug/ml



#13 Pyrene (C20.8)

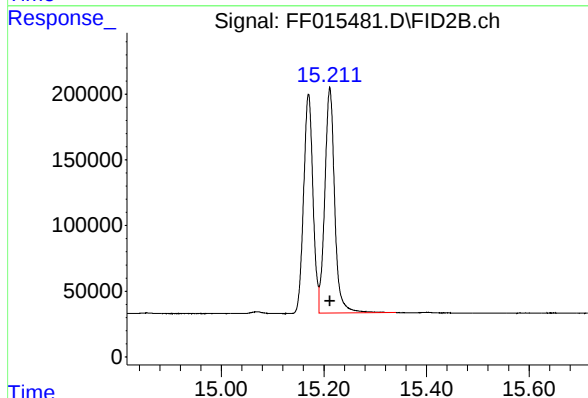
R.T.: 13.288 min
Delta R.T.: 0.000 min
Response: 2366601
Conc: 19.45 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



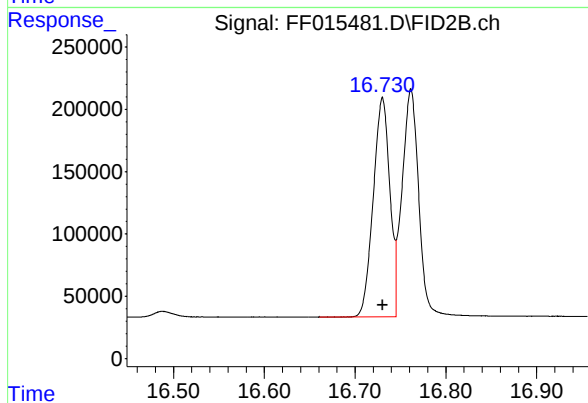
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.170 min
Delta R.T.: 0.000 min
Response: 2102630
Conc: 19.28 ug/ml



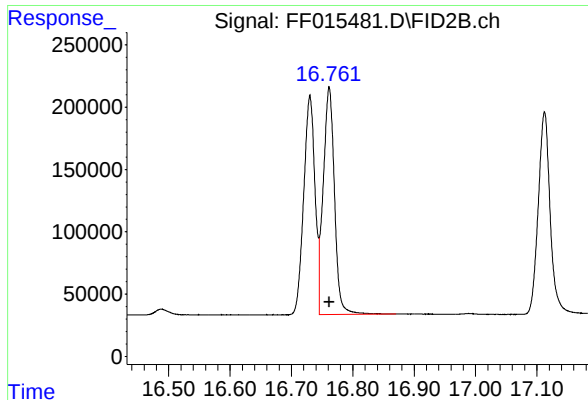
#15 Chrysene (C27.41)

R.T.: 15.212 min
Delta R.T.: 0.000 min
Response: 2305123
Conc: 19.33 ug/ml



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

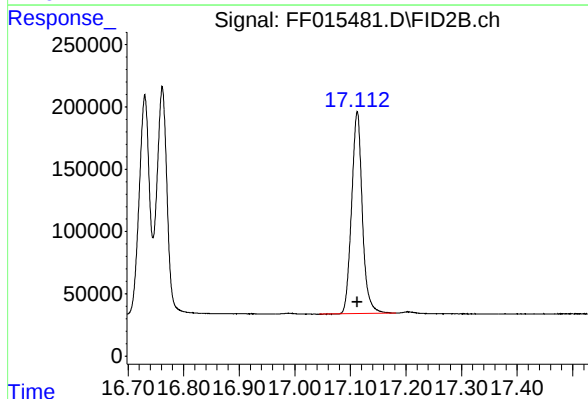
R.T.: 16.730 min
Delta R.T.: 0.000 min
Response: 2231071
Conc: 19.33 ug/ml



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

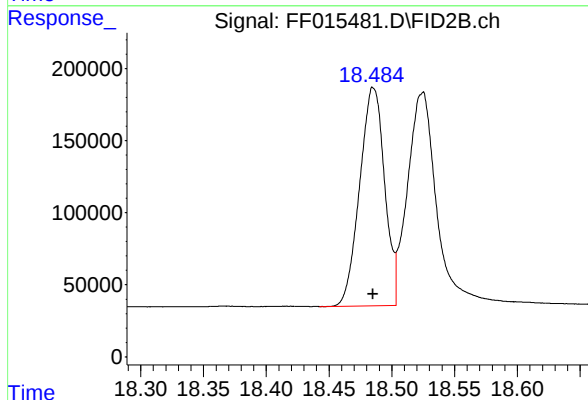
R.T.: 16.762 min
Delta R.T.: 0.000 min
Response: 2330580
Conc: 19.30 ug/ml

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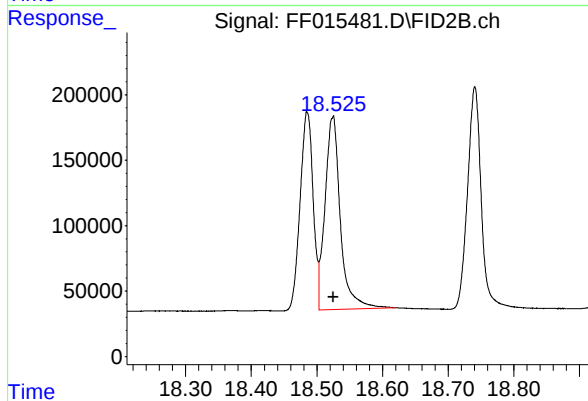
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.112 min
Delta R.T.: 0.000 min
Response: 2173632
Conc: 19.37 ug/ml



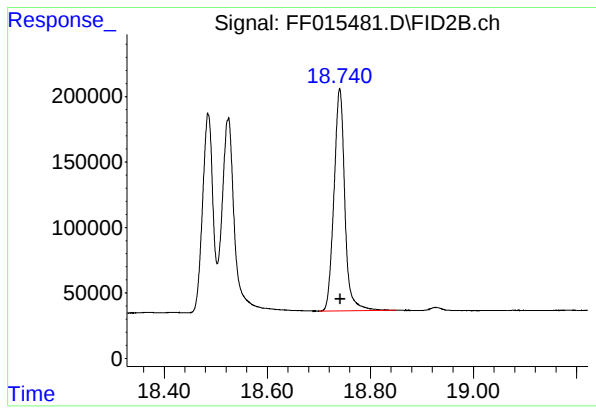
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.485 min
Delta R.T.: 0.000 min
Response: 2092281
Conc: 18.98 ug/ml



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

R.T.: 18.524 min
Delta R.T.: 0.000 min
Response: 2398317
Conc: 19.43 ug/ml



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

R.T.: 18.741 min
Delta R.T.: 0.000 min
Response: 2474732
Conc: 19.33 ug/ml

Instrument :

FID_F

ClientSampleId :

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