

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF020725AR\
 Data File : FF015488.D
 Signal(s) : FID2B.ch
 Acq On : 07 Feb 2025 12:34
 Operator : YP\AJ
 Sample : Q1308-03
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Feb 10 00:33:33 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 020525.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 06 05:23:26 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...	8.002	10583288	89.045 ug/ml
Spiked Amount 50.000		Recovery =	178.09%
6) S 2-Fluorobiphenyl (SURR)	8.882	5091543	67.045 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	134.09%#
11) S ortho-Terphenyl (SURR)	11.946	7710246	58.463 ug/ml
Spiked Amount 50.000		Recovery =	116.93%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.606	433543	3.130 ug/ml
2) T Naphthalene (C11.7)	6.276	1438175	10.441 ug/ml
3) T 2-Methylnaphthalene (...)	7.383	20196805	151.934 ug/ml
5) T Acenaphthylene (C15.06)	8.667	13557254	100.265 ug/ml
7) T Acenaphthene (C15.5)	8.979	3769238	28.056 ug/ml
8) T Flouorene (C16.55)	9.769	3412374	26.276 ug/ml
9) T Phenanthrene (C19.36)	11.180	5504898	45.350 ug/ml
10) T Anthracene (C19.43)	11.252	2127905	17.754 ug/ml
12) T Fluoranthene (C21.85)	12.997	2847741	23.412 ug/ml
13) T Pyrene (C20.8)	13.294	1131813	9.301 ug/ml
14) T Benzo[a]anthracene (C...	15.171	307406	2.819 ug/ml
15) T Chrysene (C27.41)	15.212	312812	2.623 ug/ml
16) T benzo[b]fluoranthene ...	16.731	554940	4.808 ug/ml
17) T Bnezo[k]fluoranthene ...	16.731	554940	4.595 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.111	323174	2.880 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.484	356713	3.236 ug/ml
20) T Dibenz[a,h]anthracene...	18.484	356713	2.890 ug/ml
21) T Benzo[g,h,i]perylene ...	18.736	313308	2.447 ug/ml

(f)=RT Delta > 1/2 Window

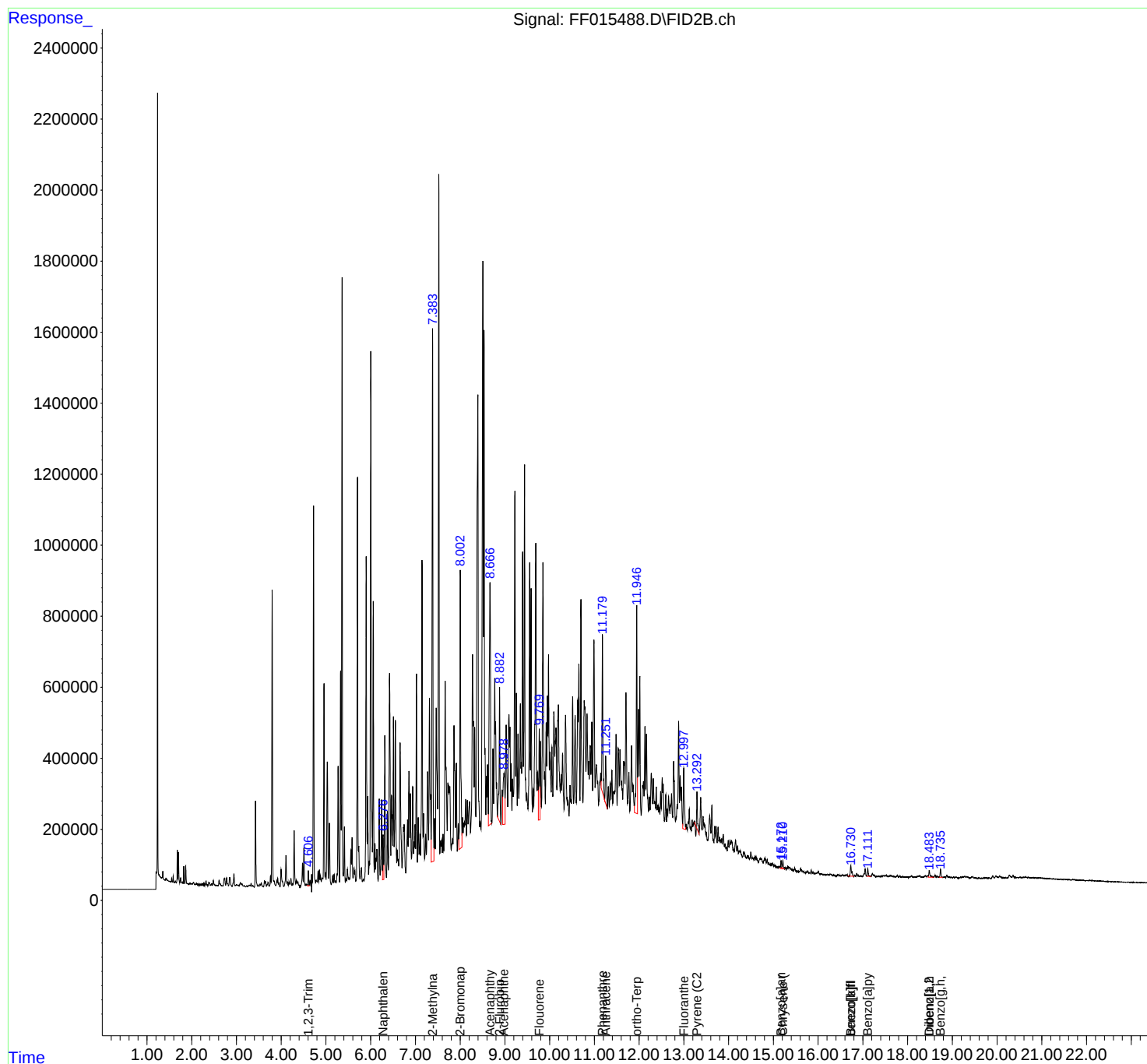
(m)=manual int.

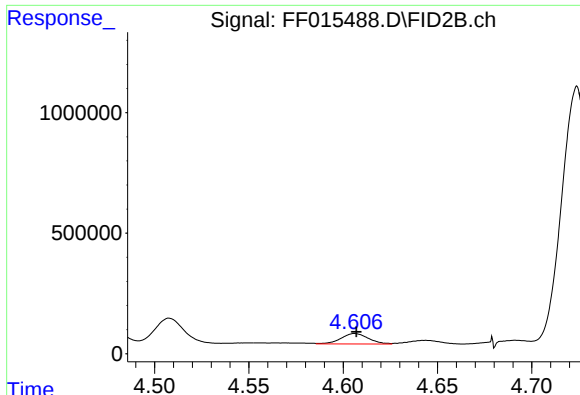
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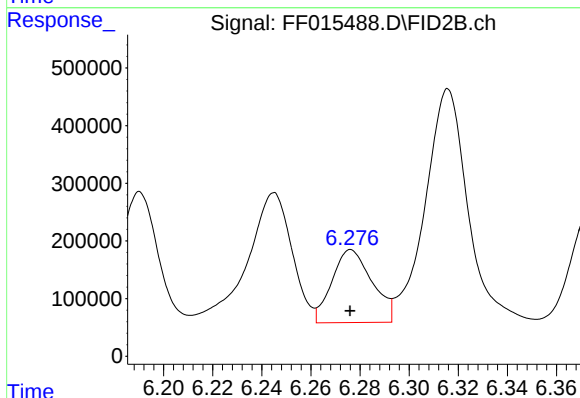




#1 1,2,3-Trimethylbenzene (C10.1)

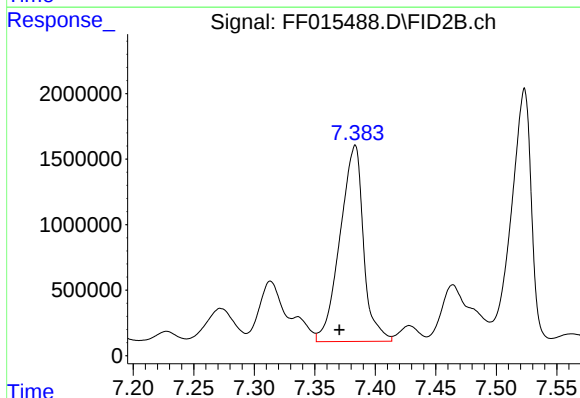
R.T.: 4.606 min
Delta R.T.: 0.000 min
Response: 433543
Conc: 3.13 ug/ml

Instrument :
FID_F
ClientSampleId :



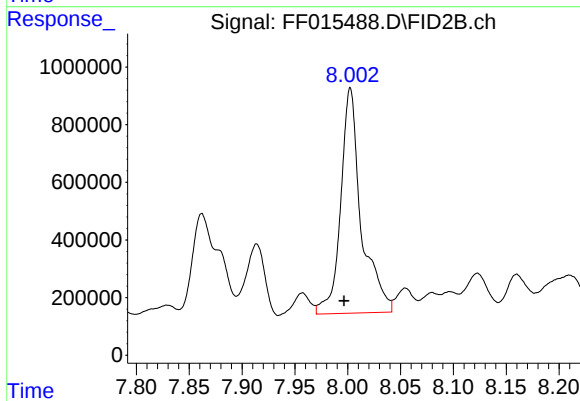
#2 Naphthalene (C11.7)

R.T.: 6.276 min
Delta R.T.: 0.000 min
Response: 1438175
Conc: 10.44 ug/ml



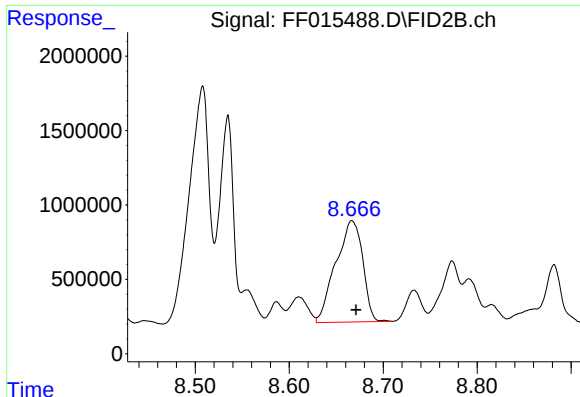
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.383 min
Delta R.T.: 0.012 min
Response: 20196805
Conc: 151.93 ug/ml



#4 2-Bromonaphthalene (SURR)

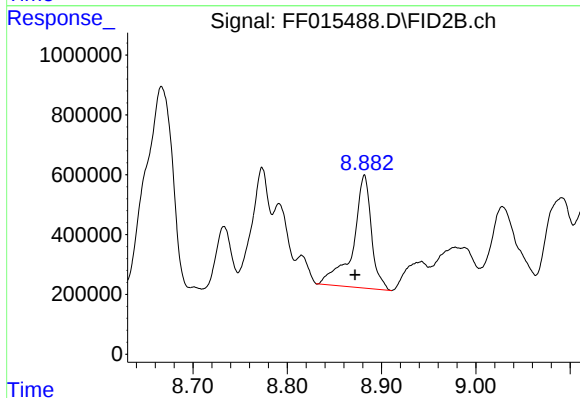
R.T.: 8.002 min
Delta R.T.: 0.006 min
Response: 10583288
Conc: 89.04 ug/ml



#5 Acenaphthylene (C15.06)

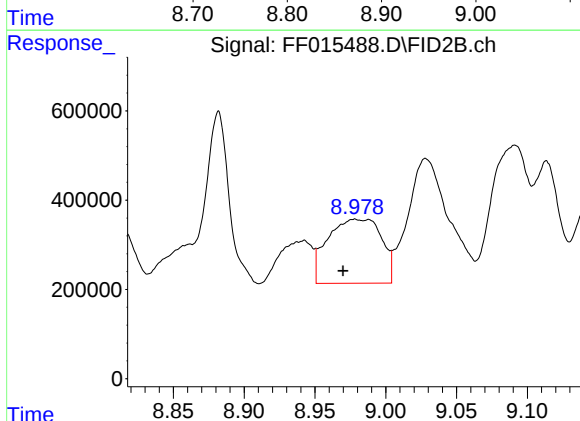
R.T.: 8.667 min
Delta R.T.: -0.004 min
Response: 13557254
Conc: 100.26 ug/ml

Instrument :
FID_F
ClientSampleId :



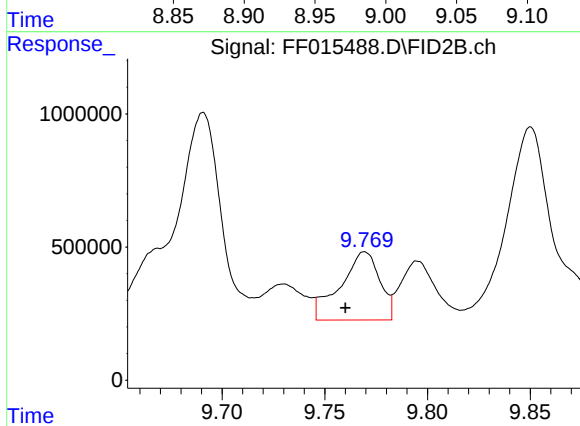
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.882 min
Delta R.T.: 0.010 min
Response: 5091543
Conc: 67.05 ug/ml



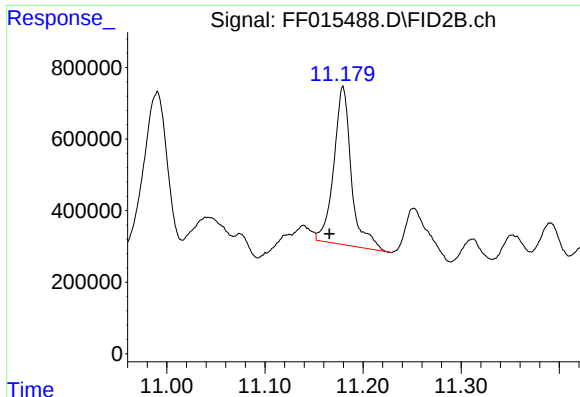
#7 Acenaphthene (C15.5)

R.T.: 8.979 min
Delta R.T.: 0.009 min
Response: 3769238
Conc: 28.06 ug/ml



#8 Fluorene (C16.55)

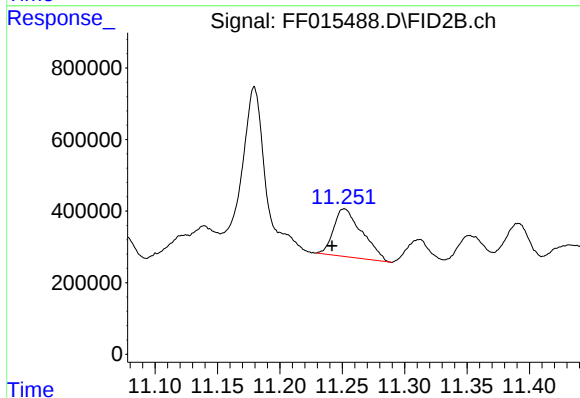
R.T.: 9.769 min
Delta R.T.: 0.009 min
Response: 3412374
Conc: 26.28 ug/ml



#9 Phenanthrene (C19.36)

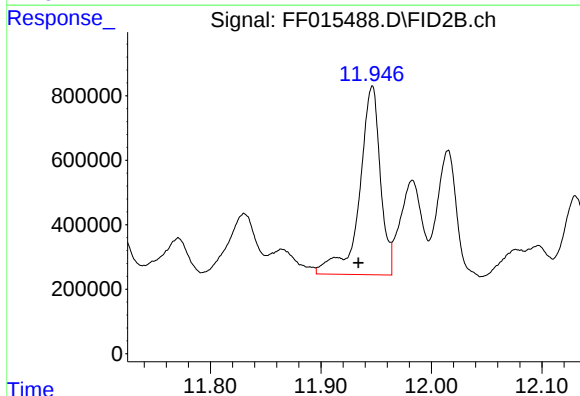
R.T.: 11.180 min
Delta R.T.: 0.014 min
Response: 5504898
Conc: 45.35 ug/ml

Instrument :
FID_F
ClientSampleId :



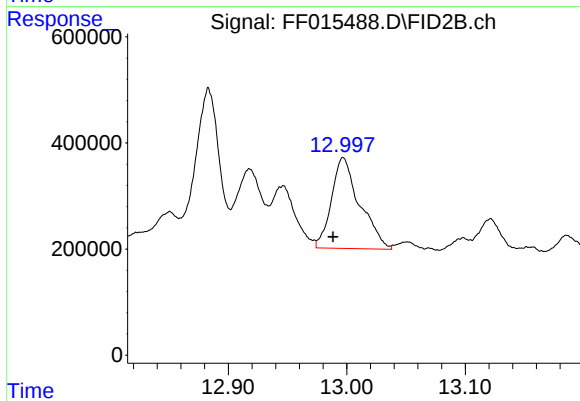
#10 Anthracene (C19.43)

R.T.: 11.252 min
Delta R.T.: 0.010 min
Response: 2127905
Conc: 17.75 ug/ml



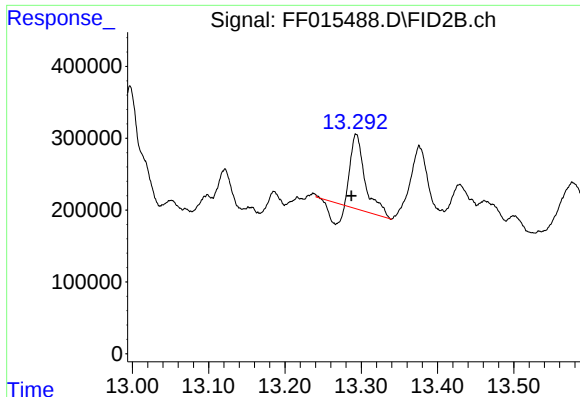
#11 ortho-Terphenyl (SURR)

R.T.: 11.946 min
Delta R.T.: 0.012 min
Response: 7710246
Conc: 58.46 ug/ml



#12 Fluoranthene (C21.85)

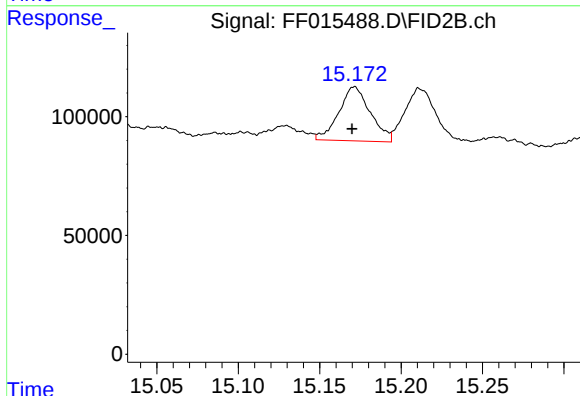
R.T.: 12.997 min
Delta R.T.: 0.009 min
Response: 2847741
Conc: 23.41 ug/ml



#13 Pyrene (C20.8)

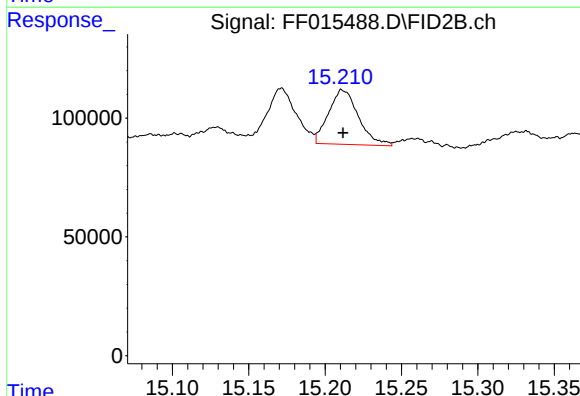
R.T.: 13.294 min
Delta R.T.: 0.006 min
Response: 1131813
Conc: 9.30 ug/ml

Instrument :
FID_F
ClientSampleId :



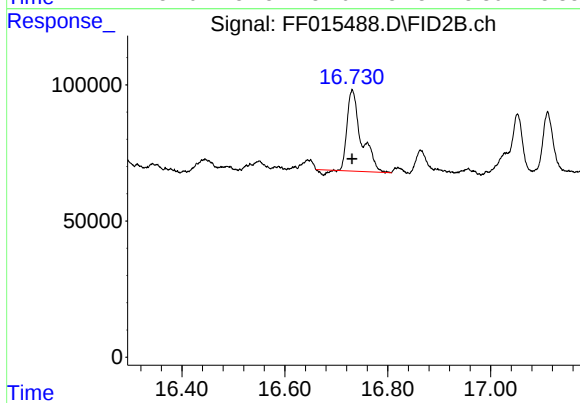
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.171 min
Delta R.T.: 0.002 min
Response: 307406
Conc: 2.82 ug/ml



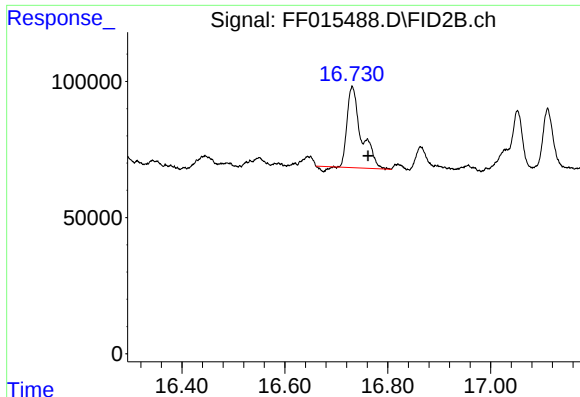
#15 Chrysene (C27.41)

R.T.: 15.212 min
Delta R.T.: 0.000 min
Response: 312812
Conc: 2.62 ug/ml



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

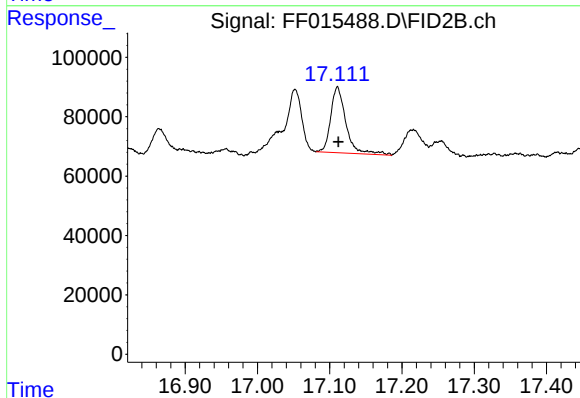
R.T.: 16.731 min
Delta R.T.: 0.000 min
Response: 554940
Conc: 4.81 ug/ml



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

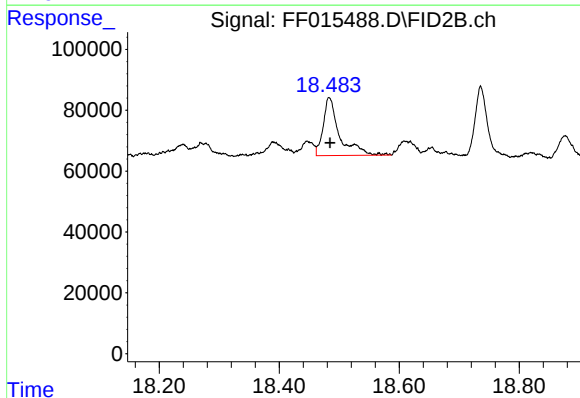
R.T.: 16.731 min
Delta R.T.: -0.031 min
Response: 554940
Conc: 4.60 ug/ml

Instrument :
FID_F
ClientSampleId :



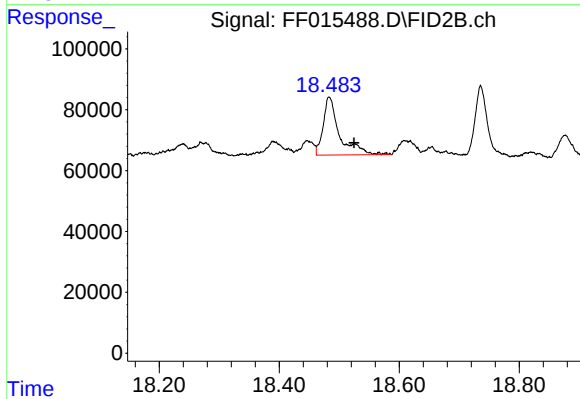
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.111 min
Delta R.T.: -0.001 min
Response: 323174
Conc: 2.88 ug/ml



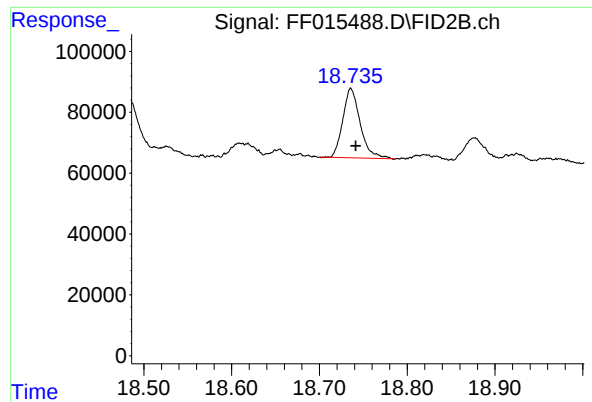
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.484 min
Delta R.T.: -0.001 min
Response: 356713
Conc: 3.24 ug/ml



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

R.T.: 18.484 min
Delta R.T.: -0.041 min
Response: 356713
Conc: 2.89 ug/ml



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

R.T.: 18.736 min
Delta R.T.: -0.005 min
Response: 313308
Conc: 2.45 ug/ml

Instrument :

FID_F

ClientSampleId :