

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102023AR\
 Data File : FD046773.D
 Signal(s) : FID2B.ch
 Acq On : 20 Oct 2023 18:20
 Operator : YP/AJ
 Sample : PB156533BSD
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB156533BSD

Integration File: autoint1.e
 Quant Time: Oct 21 00:41:37 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 101023.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 11 02:49:06 2023
 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...	7.488	8546672	46.041 ug/ml
Spiked Amount 50.000		Recovery =	92.08%
6) S 2-Fluorobiphenyl (SURR)	8.341	4659313	38.455 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	76.91%
11) S ortho-Terphenyl (SURR)	11.381	9360641	43.265 ug/ml
Spiked Amount 50.000		Recovery =	86.53%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.301	5325478	27.425 ug/ml
2) T Naphthalene (C11.7)	5.826	6093820	30.122 ug/ml
3) T 2-Methylnaphthalene (...)	6.875	6350906	31.092 ug/ml
5) T Acenaphthylene (C15.06)	8.145	6840364	37.056 ug/ml
7) T Acenaphthene (C15.5)	8.441	6952129	34.972 ug/ml
8) T Flouorene (C16.55)	9.219	7424181	39.003 ug/ml
9) T Phenanthrene (C19.36)	10.609	7591585	41.186 ug/ml
10) T Anthracene (C19.43)	10.685	7416764	56.731 ug/ml
12) T Fluoranthene (C21.85)	12.414	7664235	42.066 ug/ml
13) T Pyrene (C20.8)	12.708	7619078	43.448 ug/ml
14) T Benzo[a]anthracene (C...	14.573	6860373	46.846 ug/ml
15) T Chrysene (C27.41)	14.616	6830785	42.456 ug/ml
16) T benzo[b]fluoranthene ...	16.115	6617497	44.287 ug/ml
17) T Bnezo[k]fluoranthene ...	16.151	6478183	43.063 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.490	5989747	42.354 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.851	6282952	46.344 ug/ml
20) T Dibenz[a,h]anthracene...	17.891	5923685	41.924 ug/ml
21) T Benzo[g,h,i]perylene ...	18.104	6057700	43.063 ug/ml

(f)=RT Delta > 1/2 Window

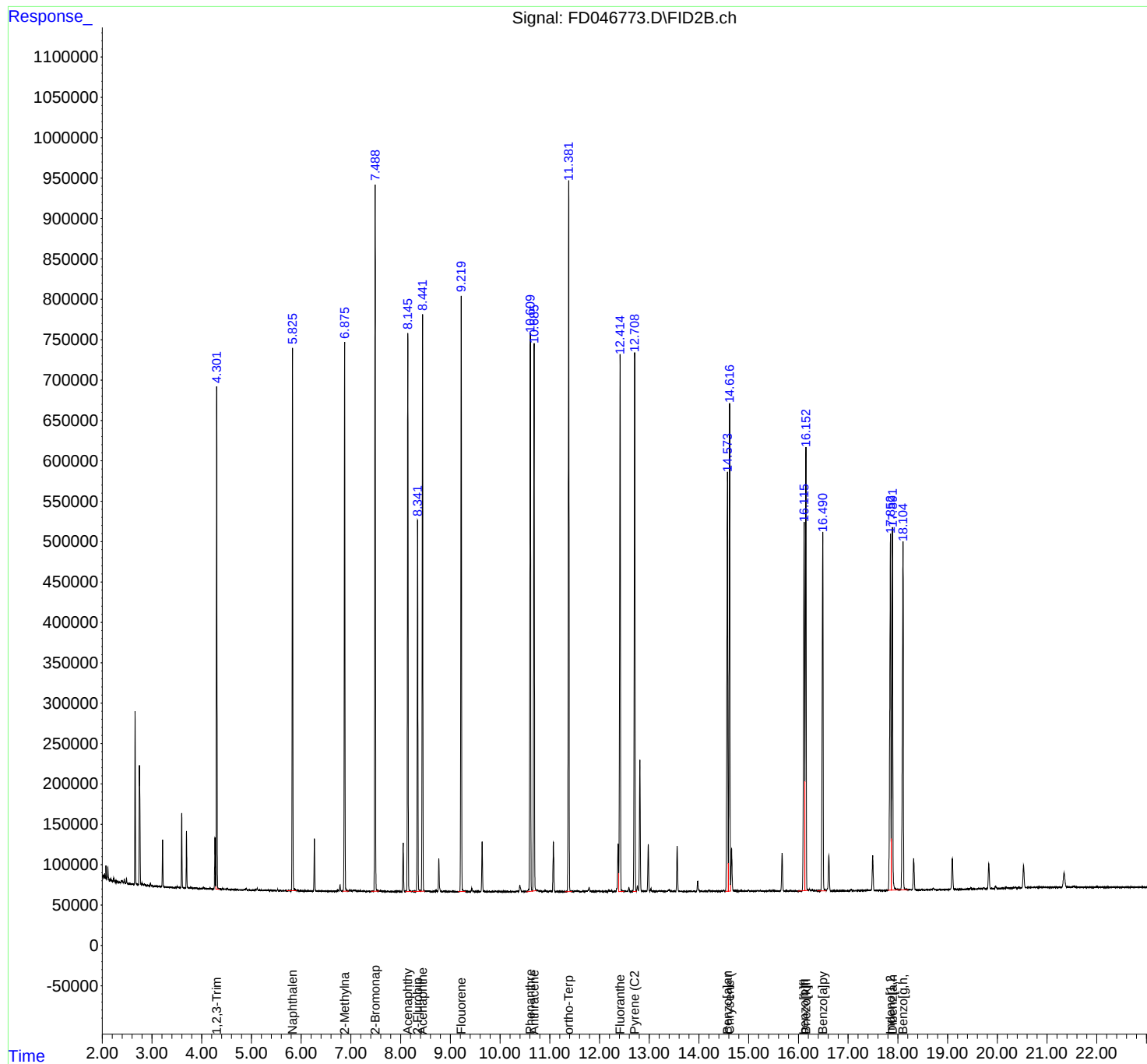
(m)=manual int.

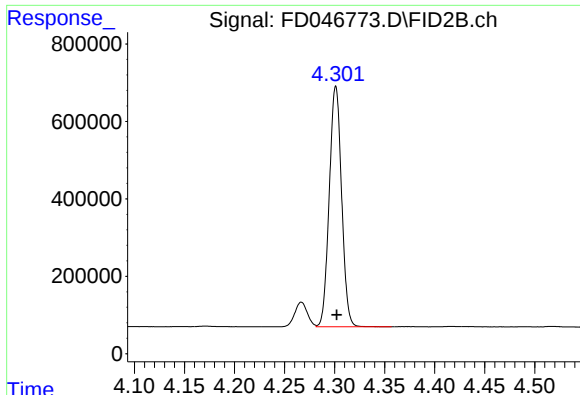
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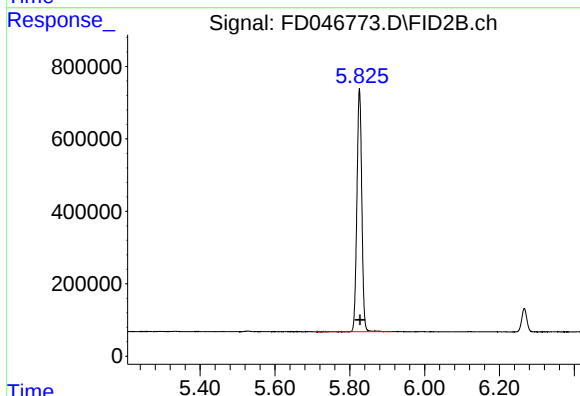




#1 1,2,3-Trimethylbenzene (C10.1)

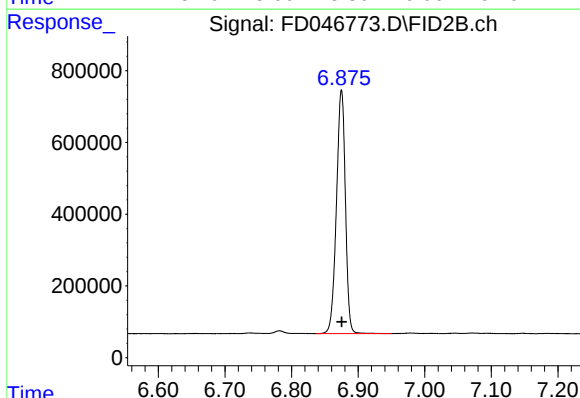
R.T.: 4.301 min
Delta R.T.: 0.000 min
Response: 5325478
Conc: 27.43 ug/ml

Instrument :
FID_D
ClientSampleId :
PB156533BSD



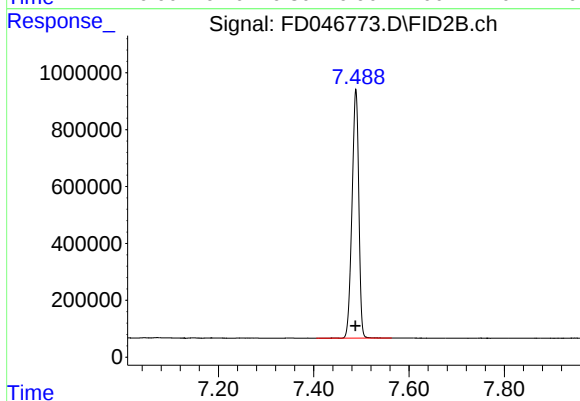
#2 Naphthalene (C11.7)

R.T.: 5.826 min
Delta R.T.: -0.001 min
Response: 6093820
Conc: 30.12 ug/ml



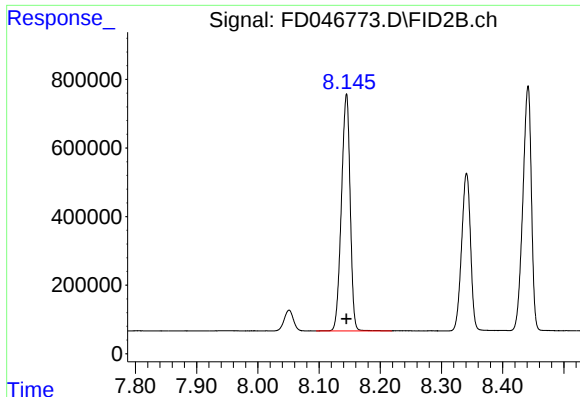
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.875 min
Delta R.T.: 0.000 min
Response: 6350906
Conc: 31.09 ug/ml



#4 2-Bromonaphthalene (SURR)

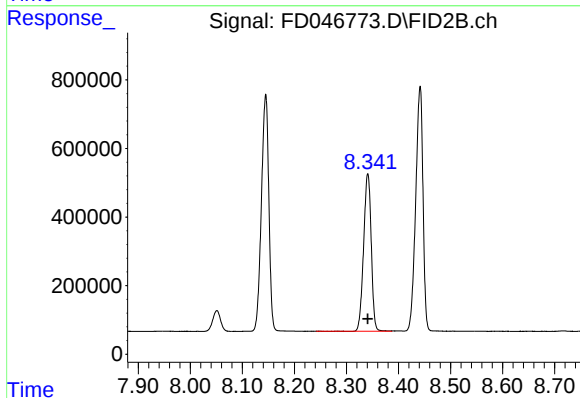
R.T.: 7.488 min
Delta R.T.: 0.000 min
Response: 8546672
Conc: 46.04 ug/ml



#5 Acenaphthylene (C15.06)

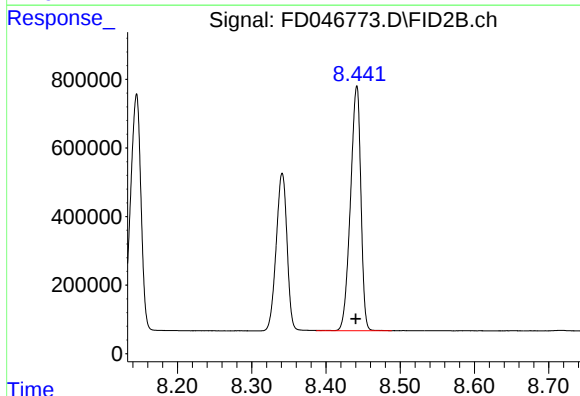
R.T.: 8.145 min
Delta R.T.: 0.000 min
Response: 6840364
Conc: 37.06 ug/ml

Instrument :
FID_D
ClientSampleId :
PB156533BSD



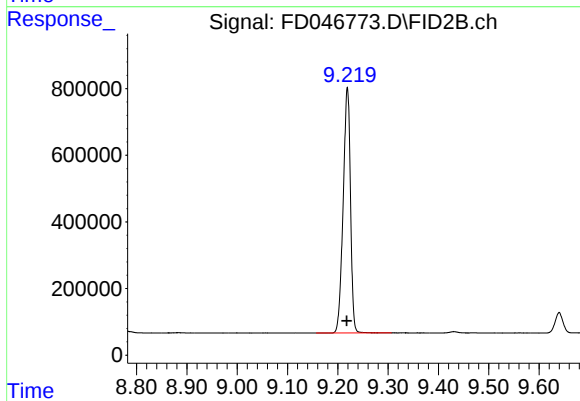
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.341 min
Delta R.T.: 0.000 min
Response: 4659313
Conc: 38.45 ug/ml



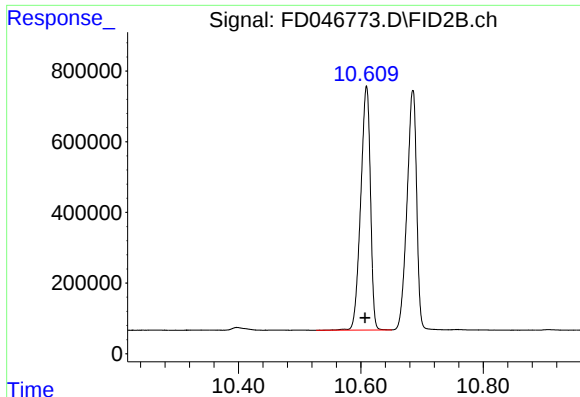
#7 Acenaphthene (C15.5)

R.T.: 8.441 min
Delta R.T.: 0.001 min
Response: 6952129
Conc: 34.97 ug/ml



#8 Flouorene (C16.55)

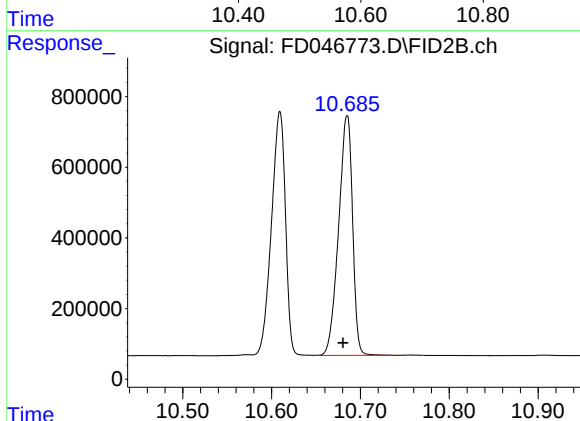
R.T.: 9.219 min
Delta R.T.: 0.000 min
Response: 7424181
Conc: 39.00 ug/ml



#9 Phenanthrene (C19.36)

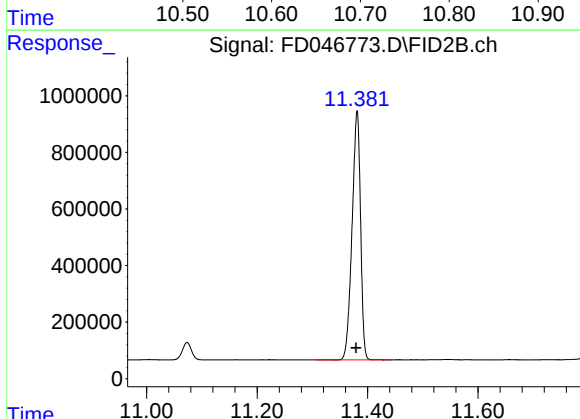
R.T.: 10.609 min
Delta R.T.: 0.002 min
Response: 7591585
Conc: 41.19 ug/ml

Instrument :
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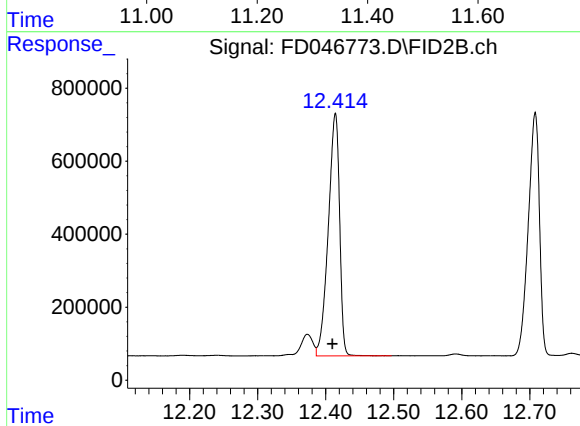
#10 Anthracene (C19.43)

R.T.: 10.685 min
Delta R.T.: 0.004 min
Response: 7416764
Conc: 56.73 ug/ml



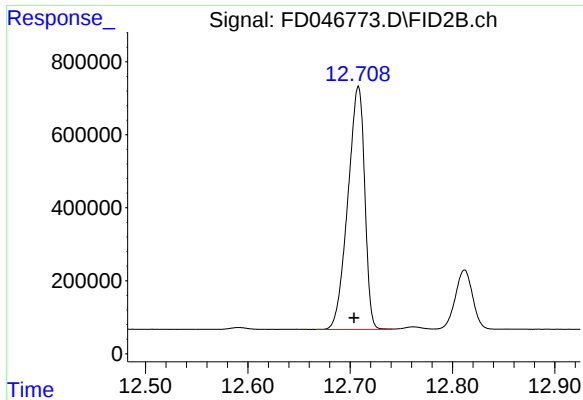
#11 ortho-Terphenyl (SURR)

R.T.: 11.381 min
Delta R.T.: 0.002 min
Response: 9360641
Conc: 43.27 ug/ml



#12 Fluoranthene (C21.85)

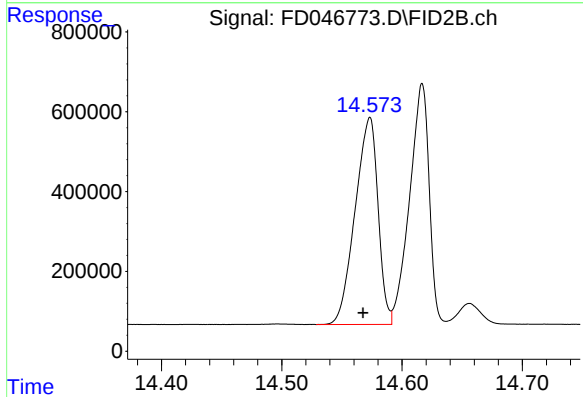
R.T.: 12.414 min
Delta R.T.: 0.004 min
Response: 7664235
Conc: 42.07 ug/ml



#13 Pyrene (C20.8)

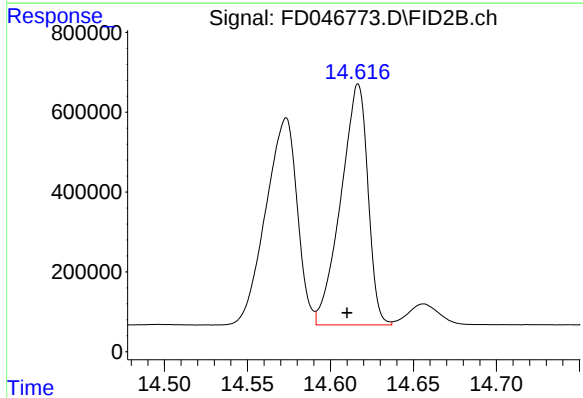
R.T.: 12.708 min
Delta R.T.: 0.004 min
Response: 7619078
Conc: 43.45 ug/ml

Instrument :
FID_D
ClientSampleId :
PB156533BSD



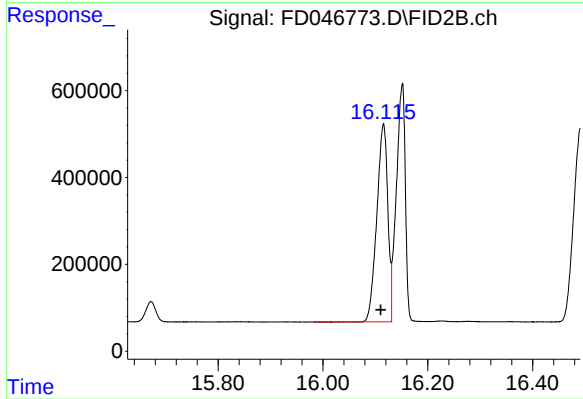
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.573 min
Delta R.T.: 0.005 min
Response: 6860373
Conc: 46.85 ug/ml



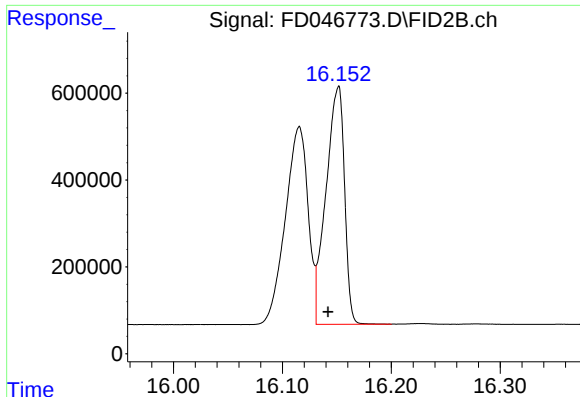
#15 Chrysene (C27.41)

R.T.: 14.616 min
Delta R.T.: 0.006 min
Response: 6830785
Conc: 42.46 ug/ml



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

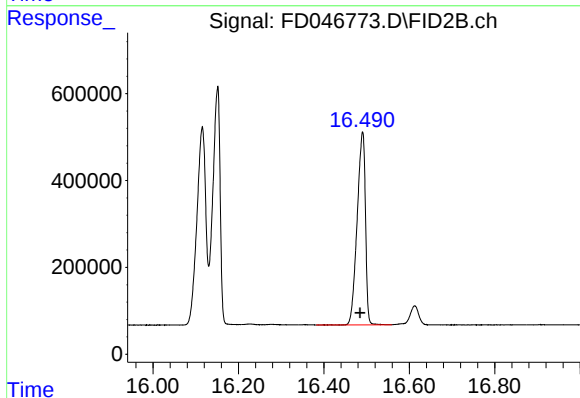
R.T.: 16.115 min
Delta R.T.: 0.005 min
Response: 6617497
Conc: 44.29 ug/ml



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

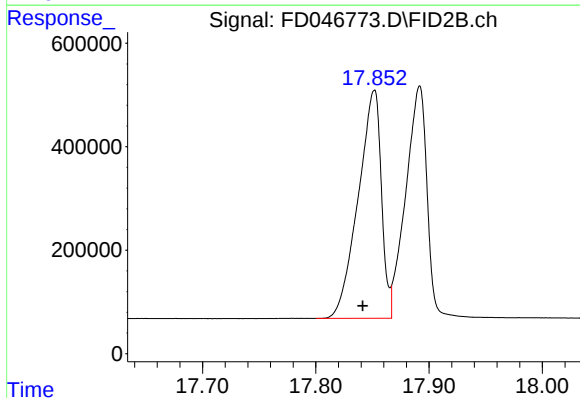
R.T.: 16.151 min
Delta R.T.: 0.009 min
Response: 6478183
Conc: 43.06 ug/ml

Instrument :
FID_D
ClientSampleId :
PB156533BSD



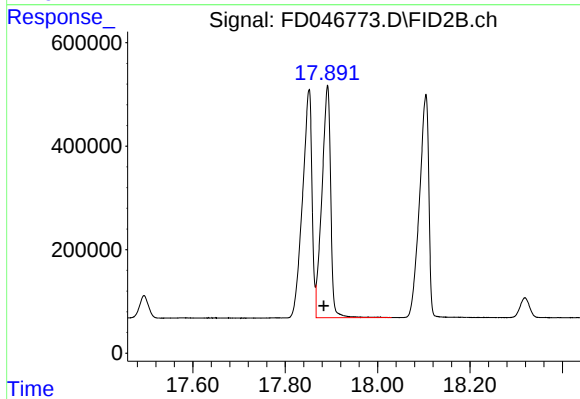
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.490 min
Delta R.T.: 0.005 min
Response: 5989747
Conc: 42.35 ug/ml



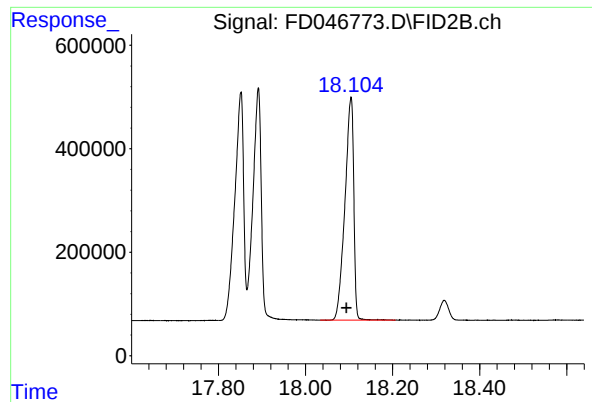
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.851 min
Delta R.T.: 0.009 min
Response: 6282952
Conc: 46.34 ug/ml



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

R.T.: 17.891 min
Delta R.T.: 0.008 min
Response: 5923685
Conc: 41.92 ug/ml



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

R.T.: 18.104 min
Delta R.T.: 0.010 min
Response: 6057700
Conc: 43.06 ug/ml

Instrument :

FID_D

ClientSampleId :

PB156533BSD