

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD072423AR\
 Data File : FD046205.D
 Signal(s) : FID2B.ch
 Acq On : 24 Jul 2023 19:52
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jul 25 05:13:16 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 071923.M
 Quant Title : GC Extractables
 QLast Update : Thu Jul 20 03:07:14 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...	7.505	2967828	19.854 ug/ml
Spiked Amount 50.000		Recovery =	39.71%
6) S 2-Fluorobiphenyl (SURR)	8.359	1871635	19.993 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.99%
11) S ortho-Terphenyl (SURR)	11.397	3502819	20.057 ug/ml
Spiked Amount 50.000		Recovery =	40.11%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.316	3565493	19.570 ug/ml
2) T Naphthalene (C11.7)	5.845	3564370	19.735 ug/ml
3) T 2-Methylnaphthalene (...)	6.894	3485387	19.803 ug/ml
5) T Acenaphthylene (C15.06)	8.163	3028700	19.850 ug/ml
7) T Acenaphthene (C15.5)	8.459	3233966	19.833 ug/ml
8) T Flouorene (C16.55)	9.237	3055872	20.083 ug/ml
9) T Phenanthrene (C19.36)	10.626	2906238	20.183 ug/ml
10) T Anthracene (C19.43)	10.700	2605320	19.908 ug/ml
12) T Fluoranthene (C21.85)	12.429	2826609	20.229 ug/ml
13) T Pyrene (C20.8)	12.723	2761121	19.922 ug/ml
14) T Benzo[a]anthracene (C...	14.588	2660025	20.265 ug/ml
15) T Chrysene (C27.41)	14.630	2786516	19.762 ug/ml
16) T benzo[b]fluoranthene ...	16.130	2815096	20.584 ug/ml
17) T Bnezo[k]fluoranthene ...	16.162	2771815	20.222 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.505	2718548	20.882 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.861	2638456	21.937 ug/ml
20) T Dibenz[a,h]anthracene...	17.904	2672039	20.892 ug/ml
21) T Benzo[g,h,i]perylene ...	18.114	2707274	21.339 ug/ml

(f)=RT Delta > 1/2 Window

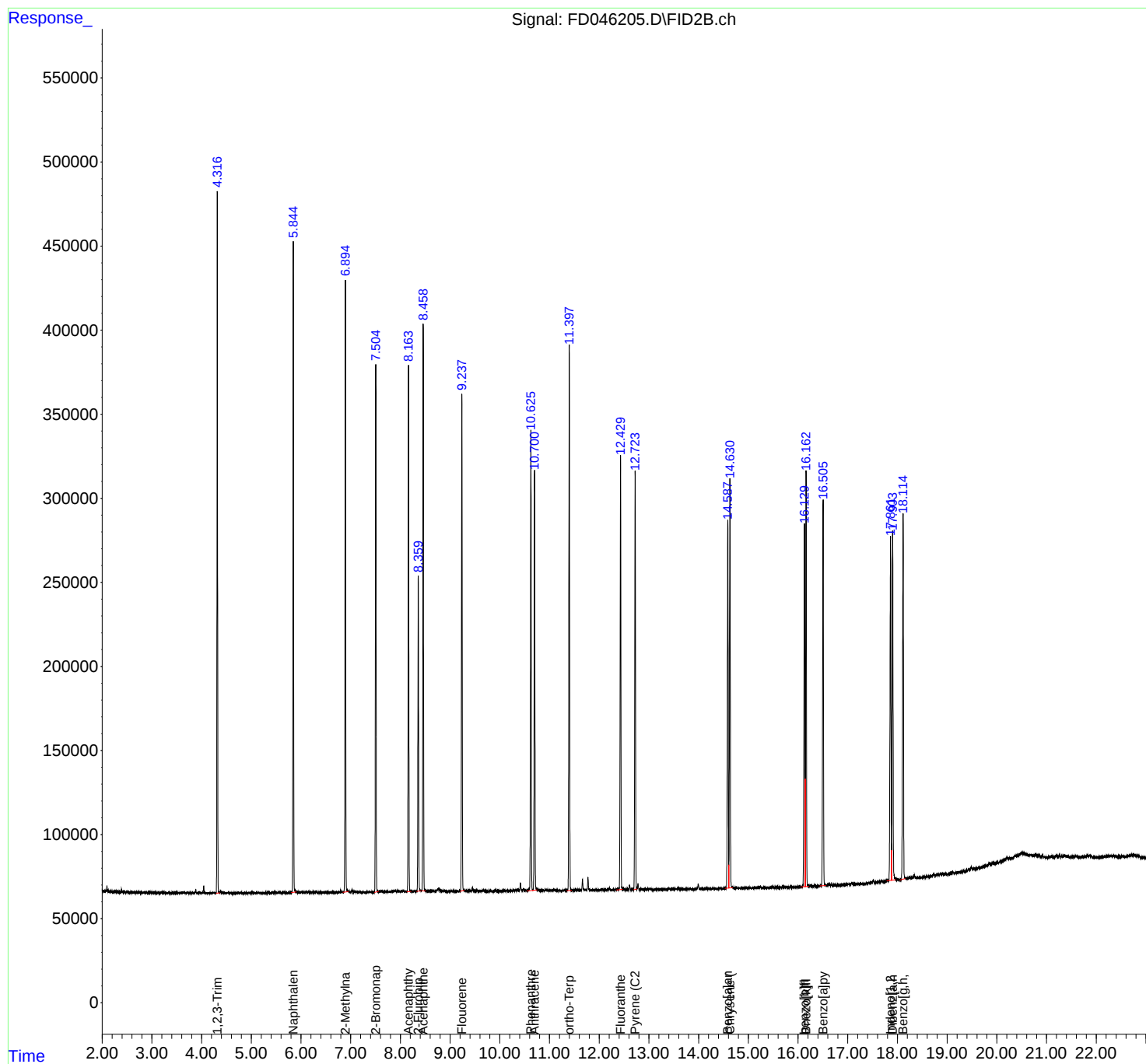
(m)=manual int.

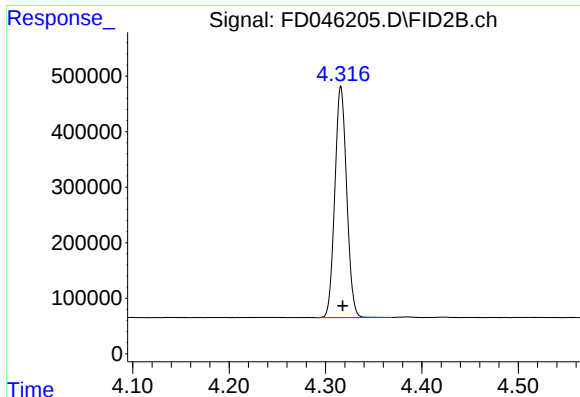
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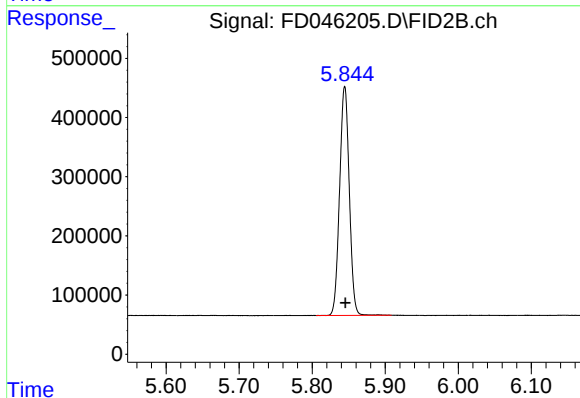




#1 1,2,3-Trimethylbenzene (C10.1)

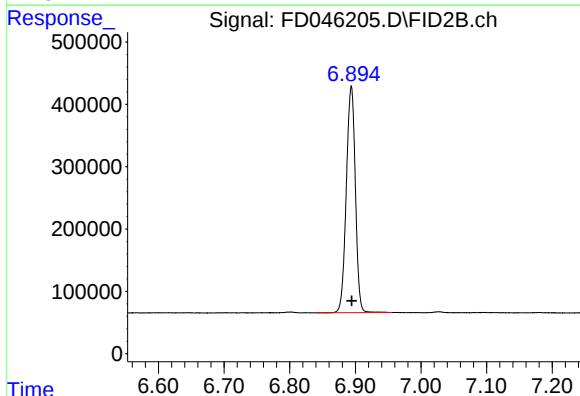
R.T.: 4.316 min
Delta R.T.: -0.002 min
Response: 3565493
Conc: 19.57 ug/ml

Instrument :
FID_D
ClientSampleId :



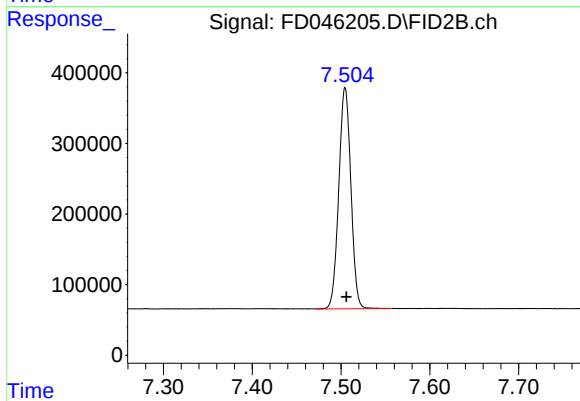
#2 Naphthalene (C11.7)

R.T.: 5.845 min
Delta R.T.: -0.001 min
Response: 3564370
Conc: 19.73 ug/ml



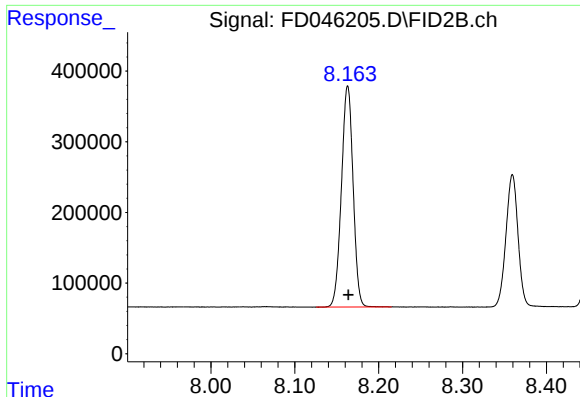
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.894 min
Delta R.T.: 0.000 min
Response: 3485387
Conc: 19.80 ug/ml



#4 2-Bromonaphthalene (SURR)

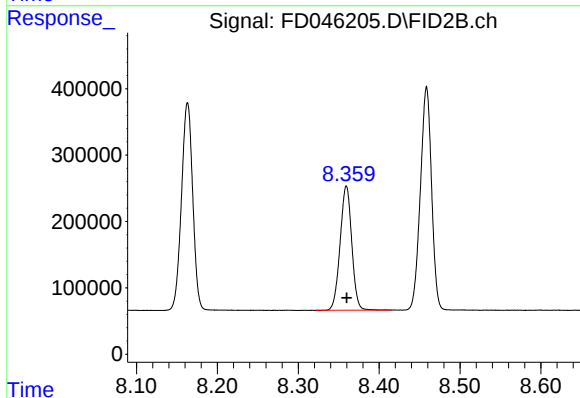
R.T.: 7.505 min
Delta R.T.: -0.001 min
Response: 2967828
Conc: 19.85 ug/ml



#5 Acenaphthylene (C15.06)

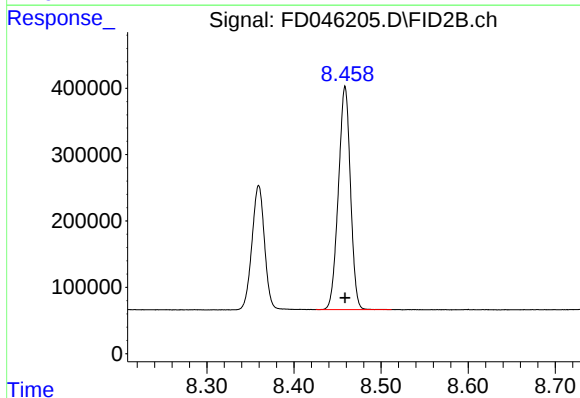
R.T.: 8.163 min
Delta R.T.: 0.000 min
Response: 3028700
Conc: 19.85 ug/ml

Instrument :
FID_D
ClientSampleId :



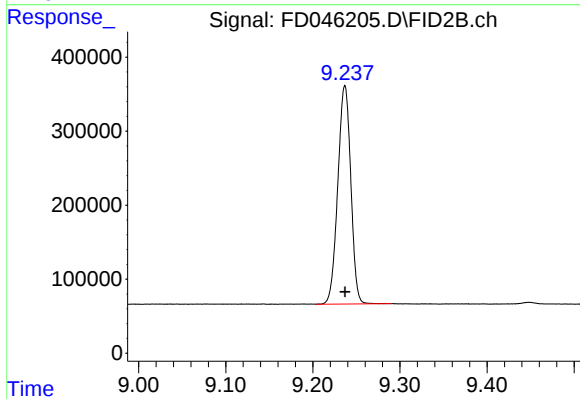
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.359 min
Delta R.T.: 0.000 min
Response: 1871635
Conc: 19.99 ug/ml



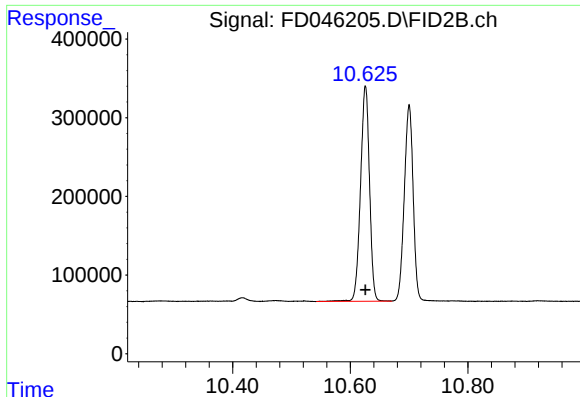
#7 Acenaphthene (C15.5)

R.T.: 8.459 min
Delta R.T.: 0.000 min
Response: 3233966
Conc: 19.83 ug/ml



#8 Fluorene (C16.55)

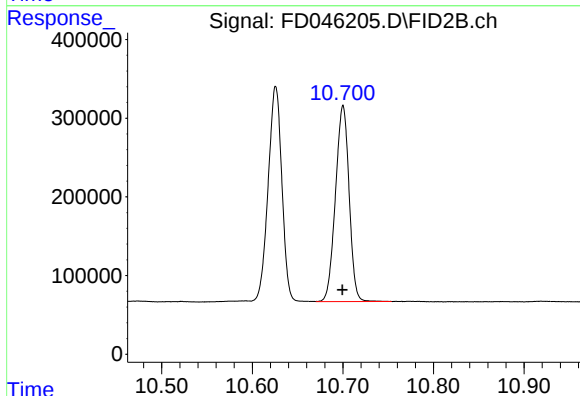
R.T.: 9.237 min
Delta R.T.: 0.000 min
Response: 3055872
Conc: 20.08 ug/ml



#9 Phenanthrene (C19.36)

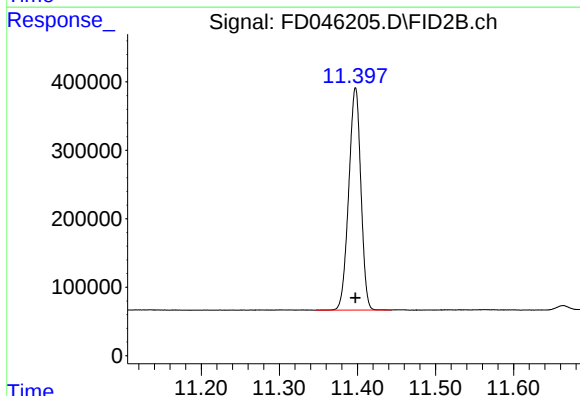
R.T.: 10.626 min
Delta R.T.: 0.000 min
Response: 2906238
Conc: 20.18 ug/ml

Instrument :
FID_D
ClientSampleId :



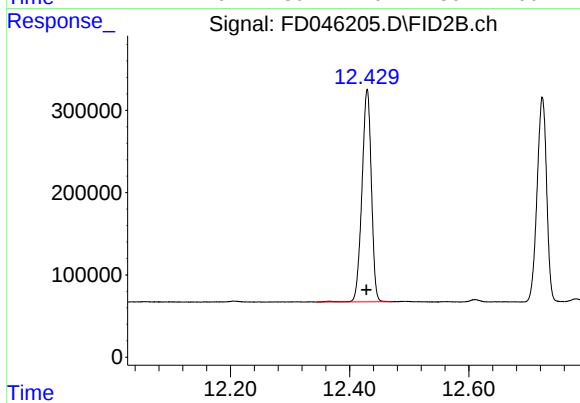
#10 Anthracene (C19.43)

R.T.: 10.700 min
Delta R.T.: 0.000 min
Response: 2605320
Conc: 19.91 ug/ml



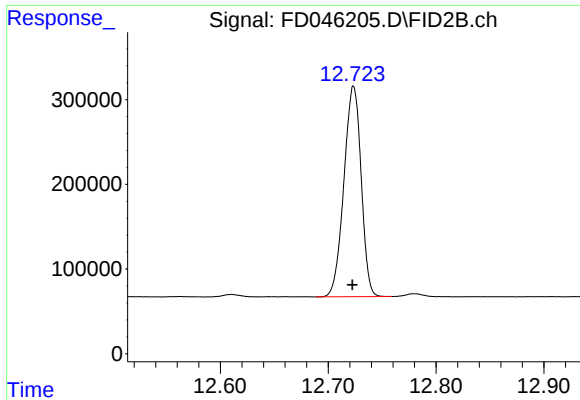
#11 ortho-Terphenyl (SURR)

R.T.: 11.397 min
Delta R.T.: 0.000 min
Response: 3502819
Conc: 20.06 ug/ml



#12 Fluoranthene (C21.85)

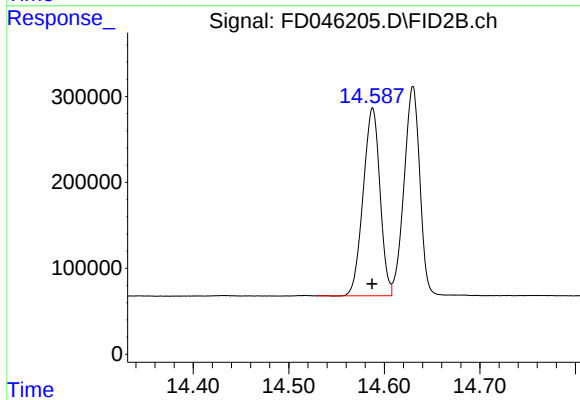
R.T.: 12.429 min
Delta R.T.: 0.000 min
Response: 2826609
Conc: 20.23 ug/ml



#13 Pyrene (C20.8)

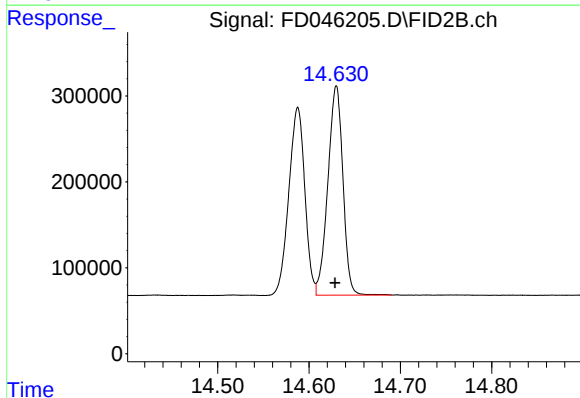
R.T.: 12.723 min
Delta R.T.: 0.000 min
Response: 2761121
Conc: 19.92 ug/ml

Instrument :
FID_D
ClientSampleId :



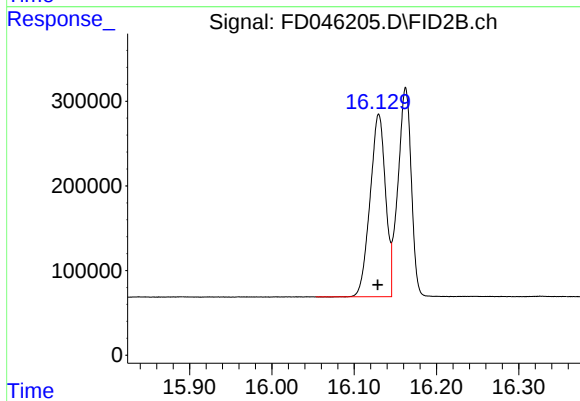
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.588 min
Delta R.T.: 0.000 min
Response: 2660025
Conc: 20.27 ug/ml



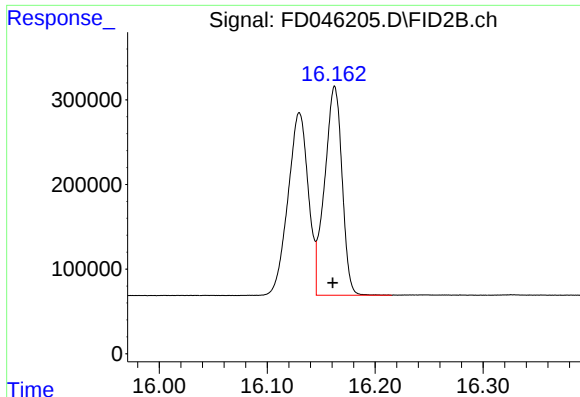
#15 Chrysene (C27.41)

R.T.: 14.630 min
Delta R.T.: 0.001 min
Response: 2786516
Conc: 19.76 ug/ml



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

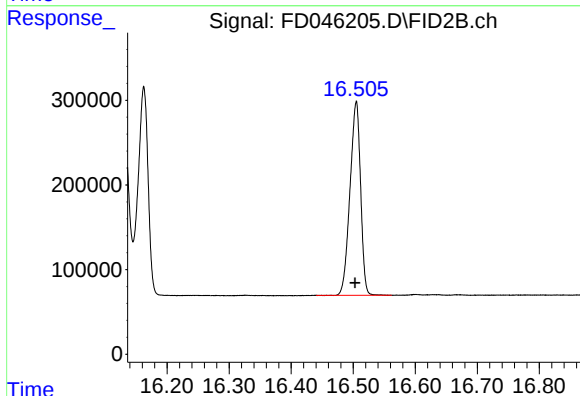
R.T.: 16.130 min
Delta R.T.: 0.001 min
Response: 2815096
Conc: 20.58 ug/ml



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

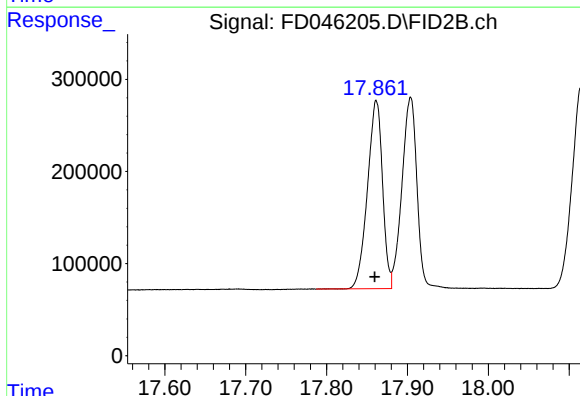
R.T.: 16.162 min
Delta R.T.: 0.002 min
Response: 2771815
Conc: 20.22 ug/ml

Instrument :
FID_D
ClientSampleId :



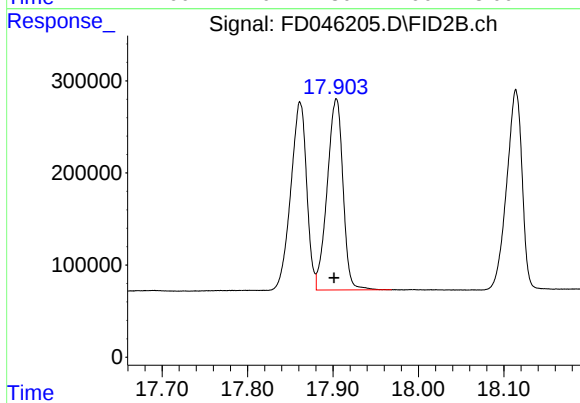
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.505 min
Delta R.T.: 0.002 min
Response: 2718548
Conc: 20.88 ug/ml



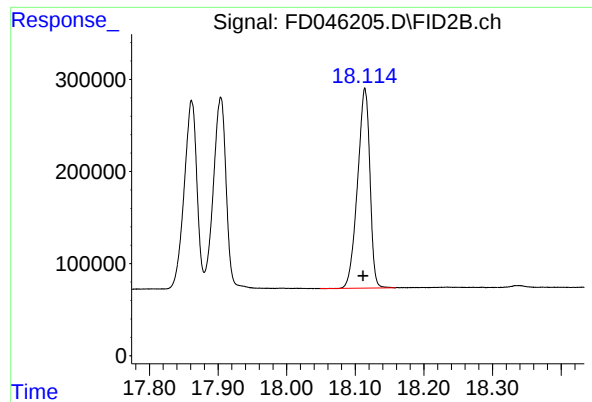
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.861 min
Delta R.T.: 0.002 min
Response: 2638456
Conc: 21.94 ug/ml



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

R.T.: 17.904 min
Delta R.T.: 0.002 min
Response: 2672039
Conc: 20.89 ug/ml



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

R.T.: 18.114 min
Delta R.T.: 0.003 min
Response: 2707274
Conc: 21.34 ug/ml

Instrument :

FID_D

ClientSampleId :