

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD091523AR\
 Data File : FD046485.D
 Signal(s) : FID2B.ch
 Acq On : 14 Sep 2023 17:01
 Operator : YP/AJ
 Sample : 100 PPM AROMATIC HC STD1
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 14 19:46:58 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 091523.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 14 19:41:25 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...	7.498	16899416	98.162 ug/ml
Spiked Amount 50.000		Recovery =	196.32%
6) S 2-Fluorobiphenyl (SURR)	8.353	11332898	98.771 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	197.54%#
11) S ortho-Terphenyl (SURR)	11.392	19404325	97.771 ug/ml
Spiked Amount 50.000		Recovery =	195.54%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.309	17456304	97.429 ug/ml
2) T Naphthalene (C11.7)	5.837	18353511	97.628 ug/ml
3) T 2-Methylnaphthalene (...)	6.888	18563132	97.523 ug/ml
5) T Acenaphthylene (C15.06)	8.157	16871016	98.023 ug/ml
7) T Acenaphthene (C15.5)	8.455	17973654	97.835 ug/ml
8) T Fluorene (C16.55)	9.233	17640927	98.547 ug/ml
9) T Phenanthrene (C19.36)	10.622	17090935	98.753 ug/ml
10) T Anthracene (C19.43)	10.697	13939508	94.820 ug/ml
12) T Fluoranthene (C21.85)	12.428	16621499	98.627 ug/ml
13) T Pyrene (C20.8)	12.724	16089267	98.770 ug/ml
14) T Benzo[a]anthracene (C...	14.585	13877989	99.685 ug/ml
15) T Chrysene (C27.41)	14.634	14752663	98.958 ug/ml
16) T benzo[b]fluoranthene ...	16.131	13532858	99.282 ug/ml
17) T Bnezo[k]fluoranthene ...	16.170	13388765	99.354 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.507	13016413	98.769 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.867	12815613	101.082 ug/ml
20) T Dibenz[a,h]anthracene...	17.909	12006751	94.731 ug/ml
21) T Benzo[g,h,i]perylene ...	18.126	12653671	97.852 ug/ml

(f)=RT Delta > 1/2 Window

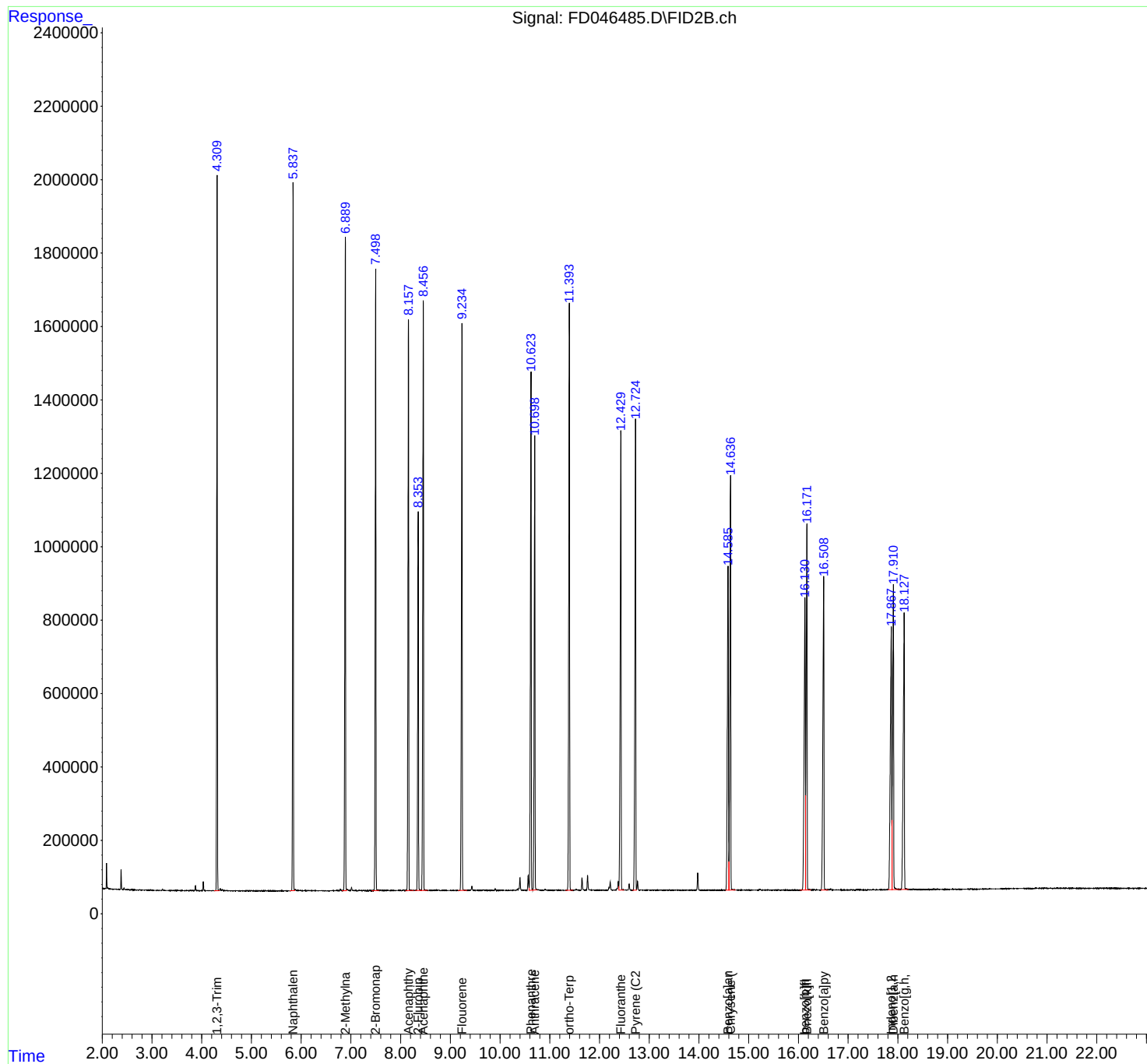
(m)=manual int.

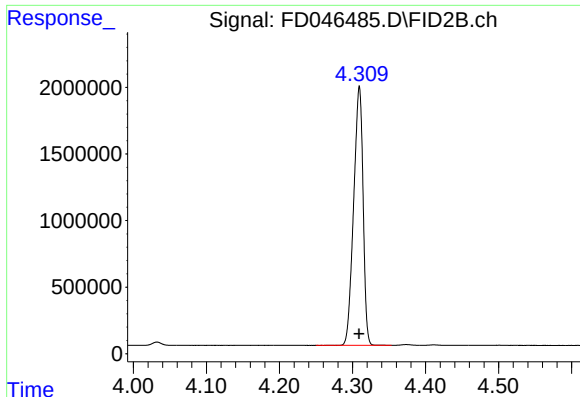
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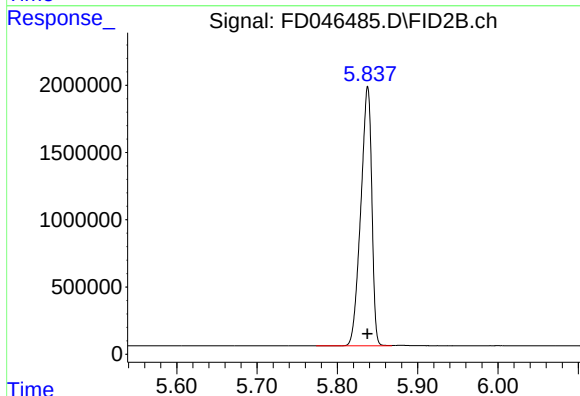




#1 1,2,3-Trimethylbenzene (C10.1)

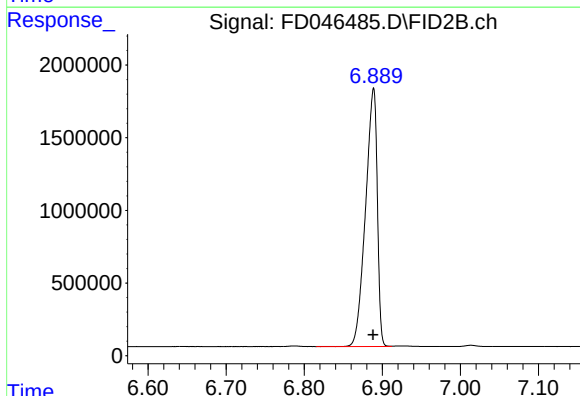
R.T.: 4.309 min
Delta R.T.: 0.000 min
Response: 17456304
Conc: 97.43 ug/ml

Instrument :
FID_D
ClientSampleId :



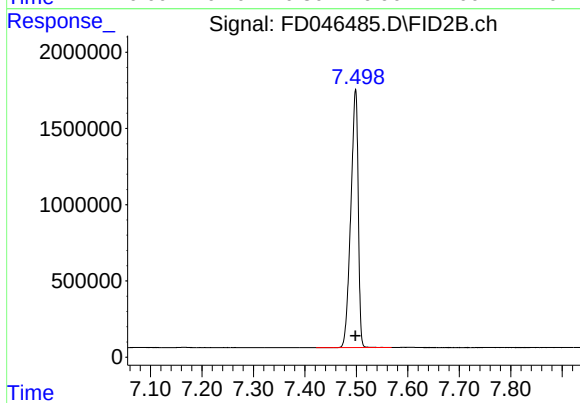
#2 Naphthalene (C11.7)

R.T.: 5.837 min
Delta R.T.: 0.000 min
Response: 18353511
Conc: 97.63 ug/ml



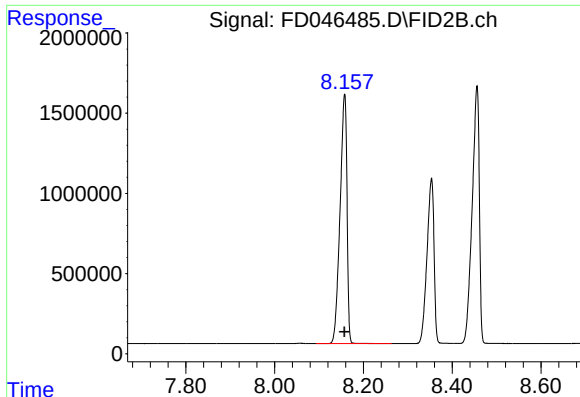
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.888 min
Delta R.T.: 0.000 min
Response: 18563132
Conc: 97.52 ug/ml



#4 2-Bromonaphthalene (SURR)

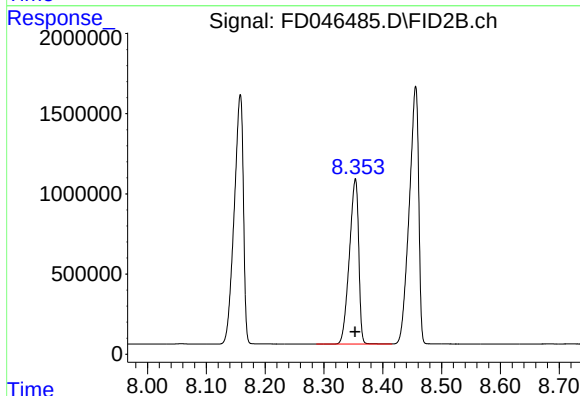
R.T.: 7.498 min
Delta R.T.: 0.000 min
Response: 16899416
Conc: 98.16 ug/ml



#5 Acenaphthylene (C15.06)

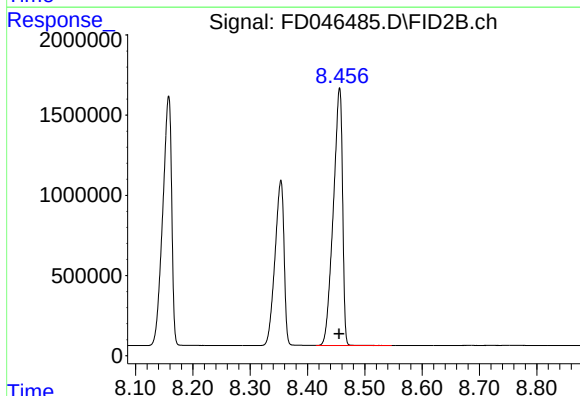
R.T.: 8.157 min
Delta R.T.: 0.000 min
Response: 16871016
Conc: 98.02 ug/ml

Instrument :
FID_D
ClientSampleId :



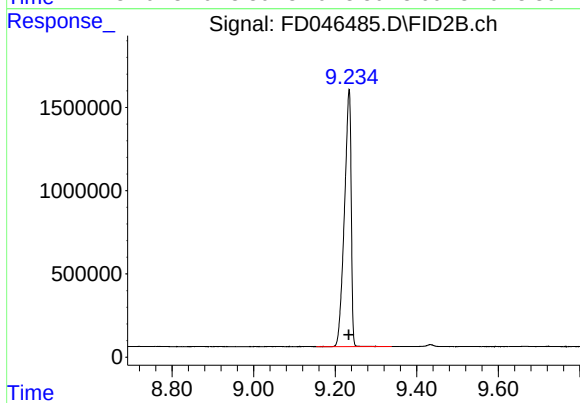
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.353 min
Delta R.T.: 0.000 min
Response: 11332898
Conc: 98.77 ug/ml



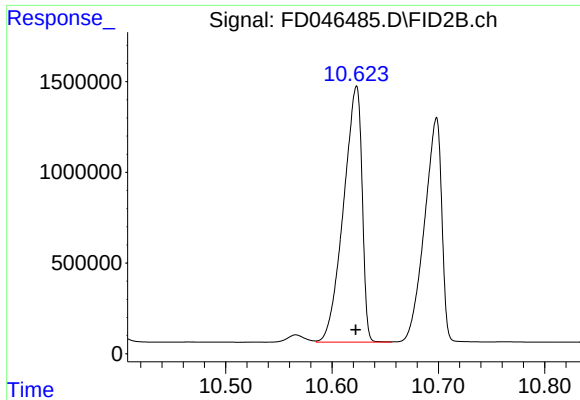
#7 Acenaphthene (C15.5)

R.T.: 8.455 min
Delta R.T.: 0.000 min
Response: 17973654
Conc: 97.84 ug/ml



#8 Fluorene (C16.55)

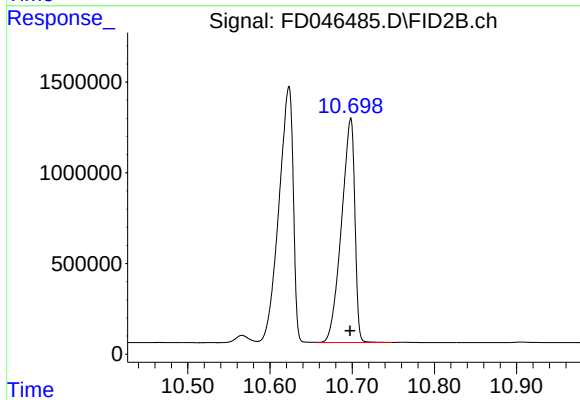
R.T.: 9.233 min
Delta R.T.: 0.000 min
Response: 17640927
Conc: 98.55 ug/ml



#9 Phenanthrene (C19.36)

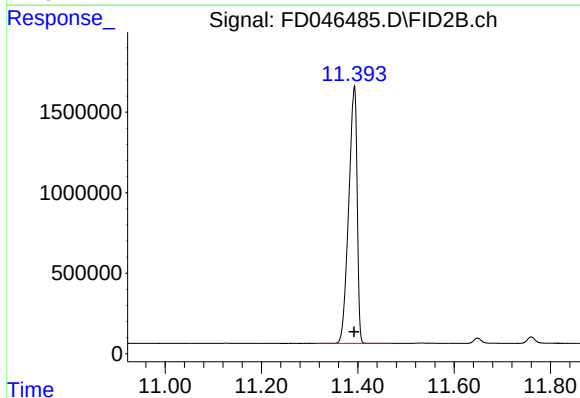
R.T.: 10.622 min
Delta R.T.: 0.000 min
Response: 17090935
Conc: 98.75 ug/ml

Instrument :
FID_D
ClientSampleId :



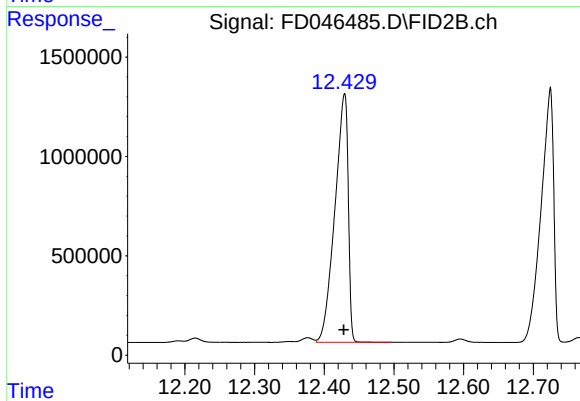
#10 Anthracene (C19.43)

R.T.: 10.697 min
Delta R.T.: 0.000 min
Response: 13939508
Conc: 94.82 ug/ml



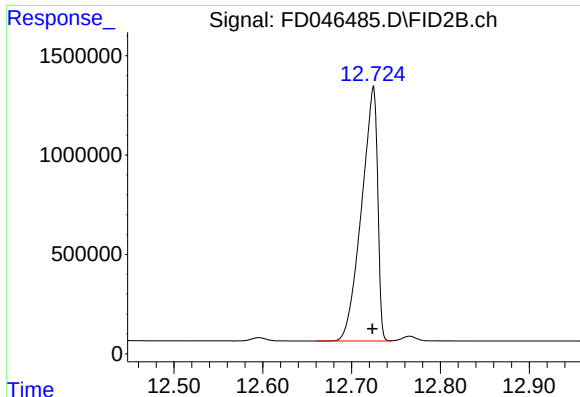
#11 ortho-Terphenyl (SURR)

R.T.: 11.392 min
Delta R.T.: 0.000 min
Response: 19404325
Conc: 97.77 ug/ml



#12 Fluoranthene (C21.85)

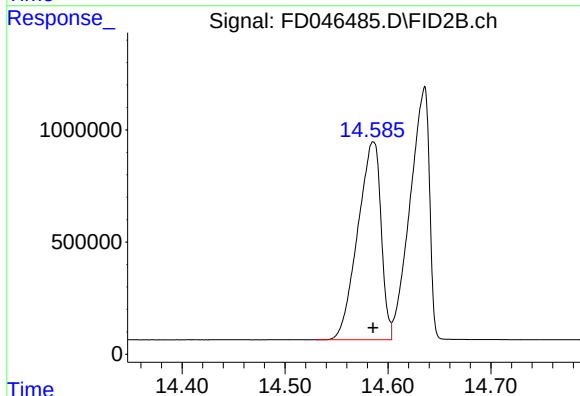
R.T.: 12.428 min
Delta R.T.: 0.000 min
Response: 16621499
Conc: 98.63 ug/ml



#13 Pyrene (C20.8)

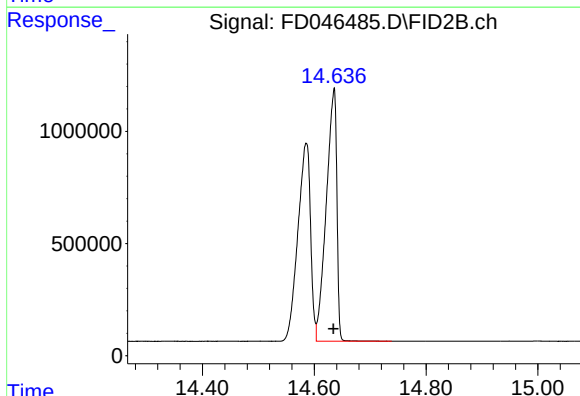
R.T.: 12.724 min
Delta R.T.: 0.000 min
Response: 16089267
Conc: 98.77 ug/ml

Instrument :
FID_D
ClientSampleId :



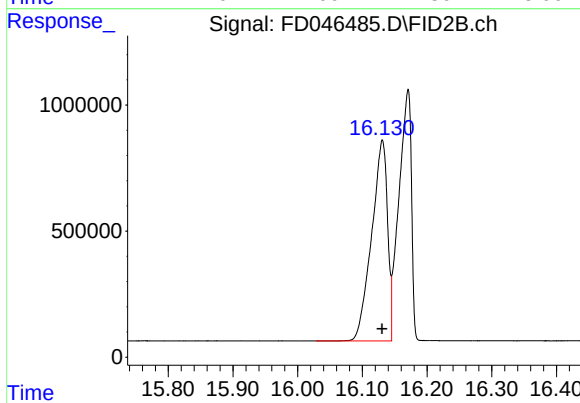
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.585 min
Delta R.T.: 0.000 min
Response: 13877989
Conc: 99.68 ug/ml



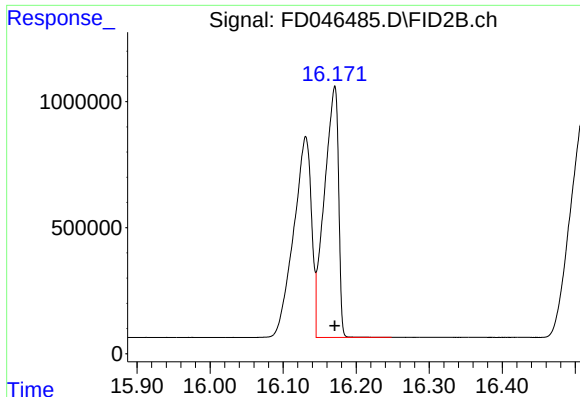
#15 Chrysene (C27.41)

R.T.: 14.634 min
Delta R.T.: 0.000 min
Response: 14752663
Conc: 98.96 ug/ml



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

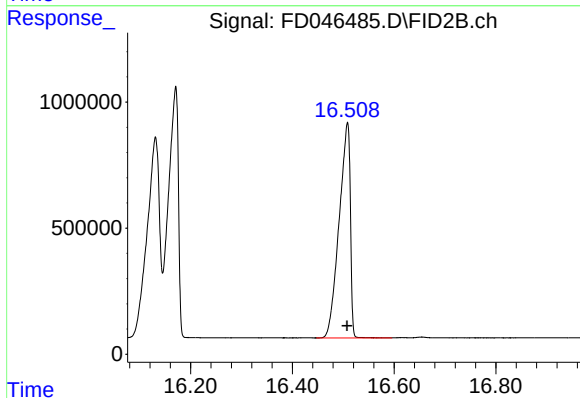
R.T.: 16.131 min
Delta R.T.: 0.000 min
Response: 13532858
Conc: 99.28 ug/ml



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

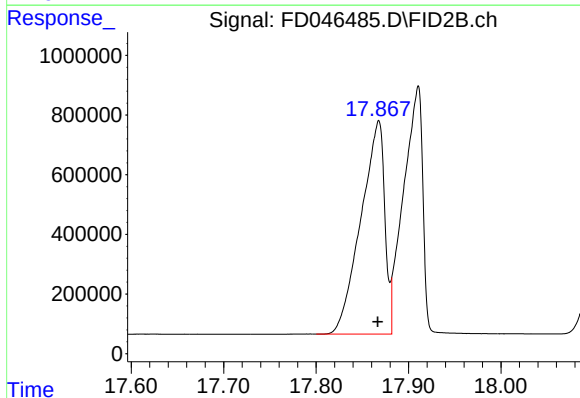
R.T.: 16.170 min
Delta R.T.: 0.000 min
Response: 13388765
Conc: 99.35 ug/ml

Instrument :
FID_D
ClientSampleId :



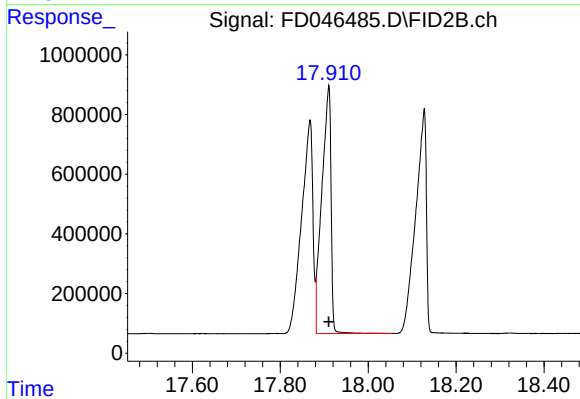
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.507 min
Delta R.T.: 0.000 min
Response: 13016413
Conc: 98.77 ug/ml



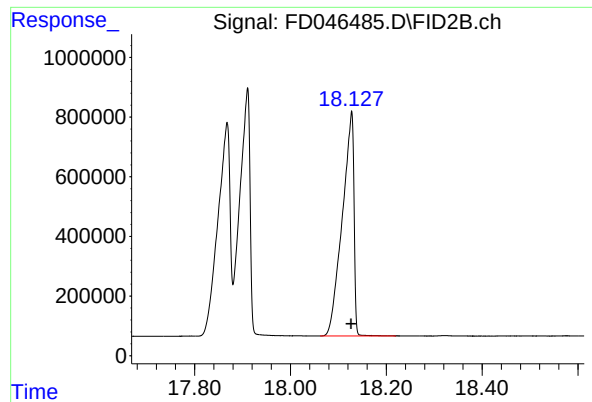
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.867 min
Delta R.T.: 0.000 min
Response: 12815613
Conc: 101.08 ug/ml



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

R.T.: 17.909 min
Delta R.T.: -0.001 min
Response: 12006751
Conc: 94.73 ug/ml



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

R.T.: 18.126 min
Delta R.T.: 0.000 min
Response: 12653671
Conc: 97.85 ug/ml

Instrument :

FID_D

ClientSampleId :