

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD091623AR\
 Data File : FD046514.D
 Signal(s) : FID2B.ch
 Acq On : 15 Sep 2023 18:19
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 16 00:51:22 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 091523.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 15 01:47:22 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...	7.491	3571383	20.266 ug/ml
Spiked Amount 50.000		Recovery =	40.53%
6) S 2-Fluorobiphenyl (SURR)	8.344	2360551	20.374 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.75%
11) S ortho-Terphenyl (SURR)	11.382	4195353	20.593 ug/ml
Spiked Amount 50.000		Recovery =	41.19%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.305	3670600	19.874 ug/ml
2) T Naphthalene (C11.7)	5.831	3872851	20.042 ug/ml
3) T 2-Methylnaphthalene (...)	6.879	3928708	20.273 ug/ml
5) T Acenaphthylene (C15.06)	8.148	3604632	20.443 ug/ml
7) T Acenaphthene (C15.5)	8.443	3830216	20.385 ug/ml
8) T Fluorene (C16.55)	9.221	3725468	20.652 ug/ml
9) T Phenanthrene (C19.36)	10.611	3625743	20.621 ug/ml
10) T Anthracene (C19.43)	10.684	3512981	22.872 ug/ml
12) T Fluoranthene (C21.85)	12.413	3555997	20.864 ug/ml
13) T Pyrene (C20.8)	12.706	3460926	21.097 ug/ml
14) T Benzo[a]anthracene (C...	14.570	2986760	21.390 ug/ml
15) T Chrysene (C27.41)	14.612	3206421	21.122 ug/ml
16) T benzo[b]fluoranthene ...	16.112	2942334	21.451 ug/ml
17) T Bnezo[k]fluoranthene ...	16.144	2944030	21.253 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.485	2836758	21.205 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.842	2550723	20.349 ug/ml
20) T Dibenz[a,h]anthracene...	17.884	2666054	20.035 ug/ml
21) T Benzo[g,h,i]perylene ...	18.094	2666714	20.222 ug/ml

(f)=RT Delta > 1/2 Window

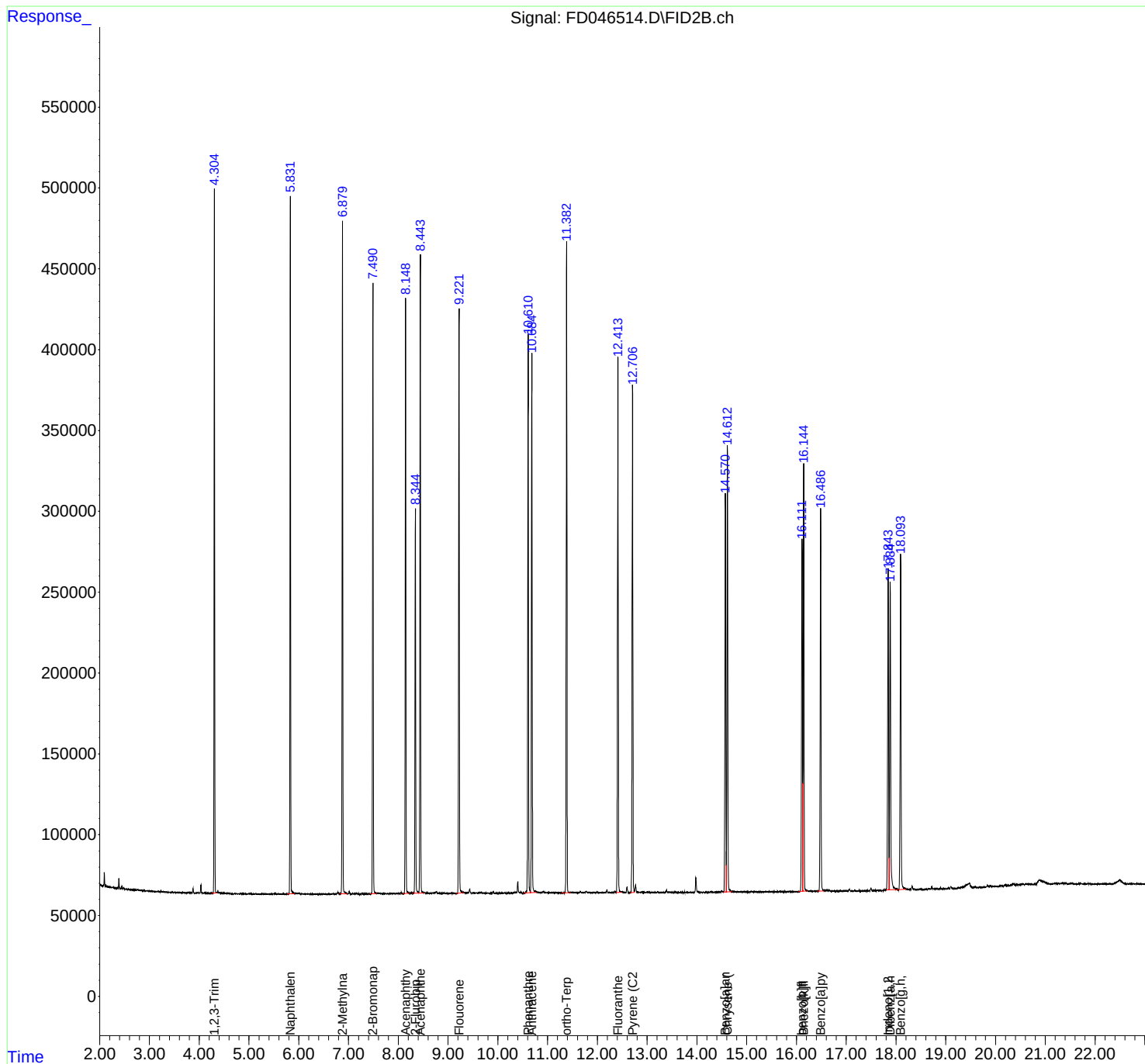
(m)=manual int.

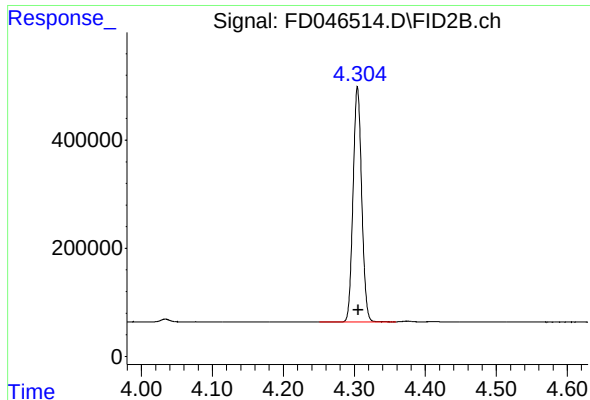
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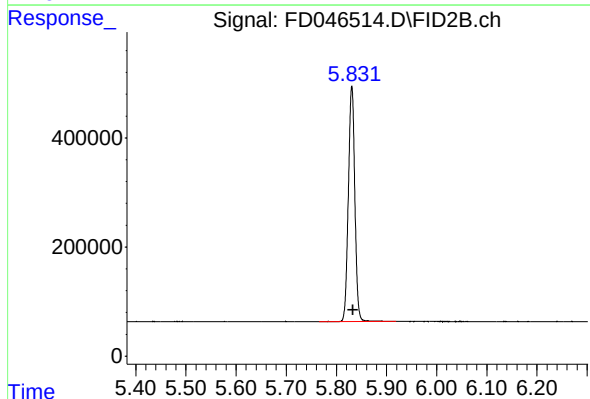




#1 1,2,3-Trimethylbenzene (C10.1)

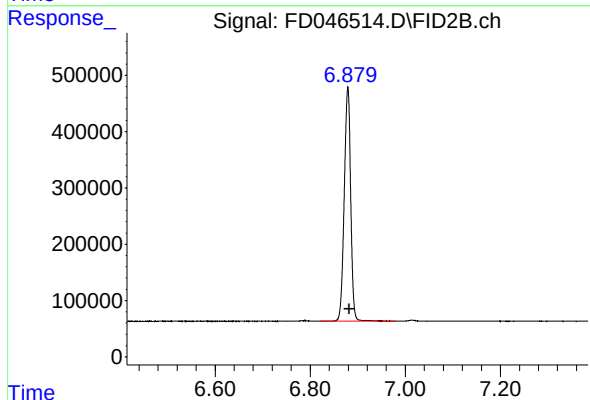
R.T.: 4.305 min
Delta R.T.: -0.001 min
Response: 3670600
Conc: 19.87 ug/ml

Instrument :
FID_D
ClientSampleId :



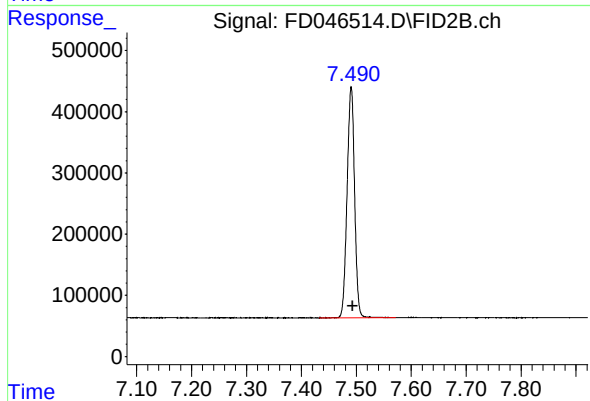
#2 Naphthalene (C11.7)

R.T.: 5.831 min
Delta R.T.: -0.002 min
Response: 3872851
Conc: 20.04 ug/ml



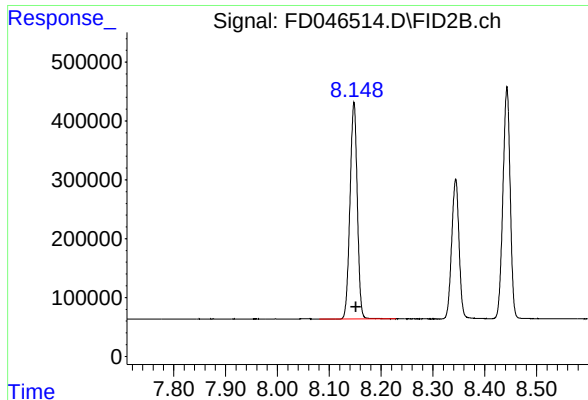
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.879 min
Delta R.T.: -0.003 min
Response: 3928708
Conc: 20.27 ug/ml



#4 2-Bromonaphthalene (SURR)

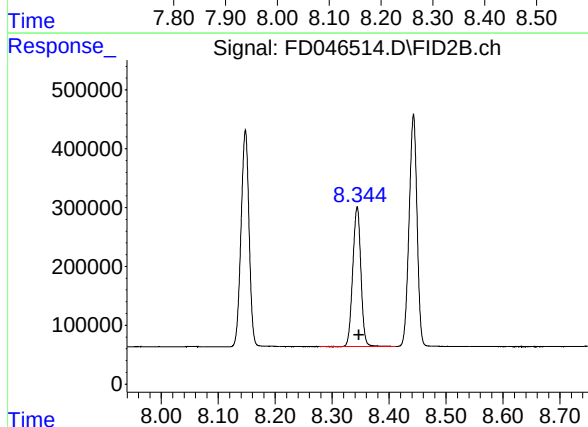
R.T.: 7.491 min
Delta R.T.: -0.003 min
Response: 3571383
Conc: 20.27 ug/ml



#5 Acenaphthylene (C15.06)

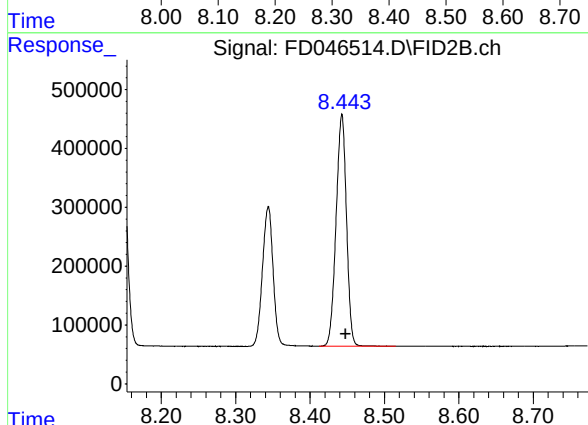
R.T.: 8.148 min
Delta R.T.: -0.004 min
Response: 3604632
Conc: 20.44 ug/ml

Instrument :
FID_D
ClientSampleId :



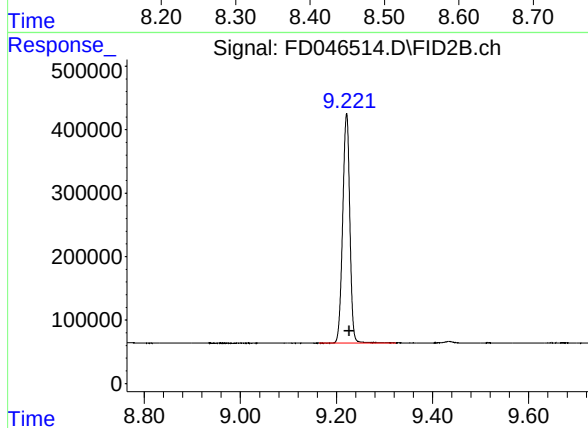
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.344 min
Delta R.T.: -0.003 min
Response: 2360551
Conc: 20.37 ug/ml



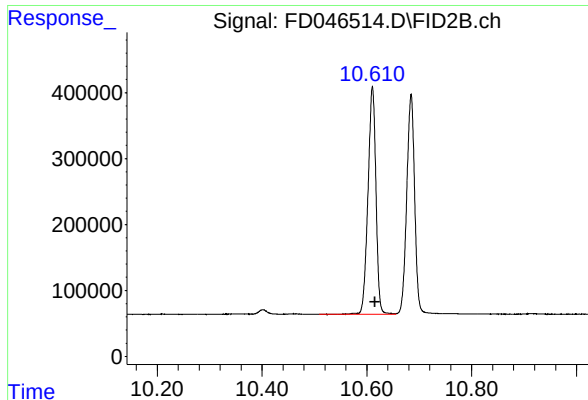
#7 Acenaphthene (C15.5)

R.T.: 8.443 min
Delta R.T.: -0.005 min
Response: 3830216
Conc: 20.38 ug/ml



#8 Fluorene (C16.55)

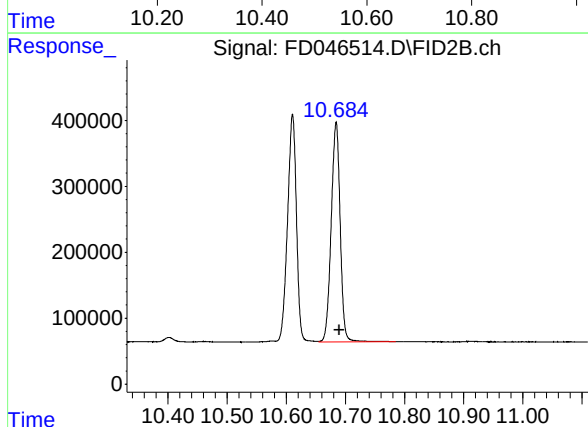
R.T.: 9.221 min
Delta R.T.: -0.005 min
Response: 3725468
Conc: 20.65 ug/ml



#9 Phenanthrene (C19.36)

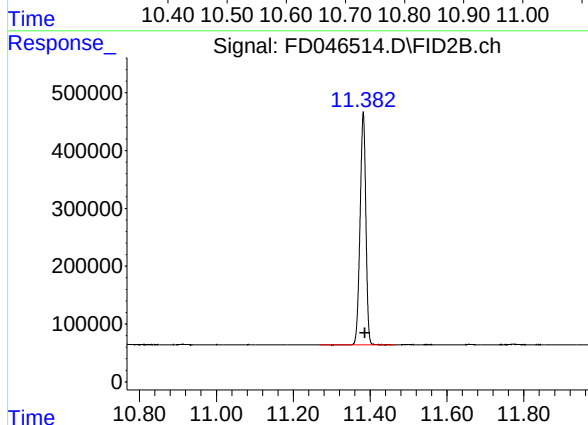
R.T.: 10.611 min
Delta R.T.: -0.005 min
Response: 3625743
Conc: 20.62 ug/ml

Instrument :
FID_D
ClientSampleId :



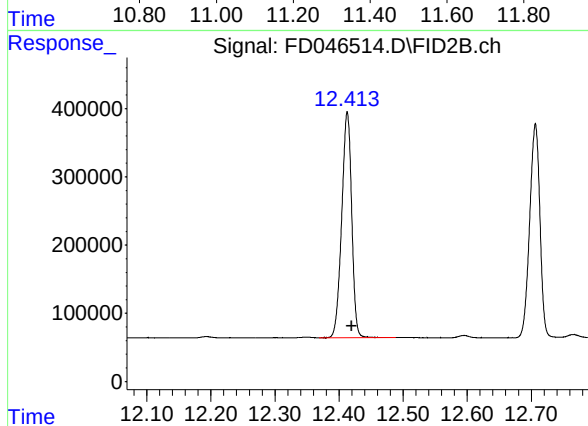
#10 Anthracene (C19.43)

R.T.: 10.684 min
Delta R.T.: -0.005 min
Response: 3512981
Conc: 22.87 ug/ml



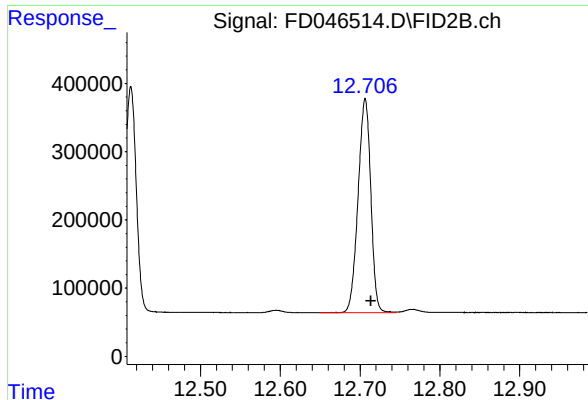
#11 ortho-Terphenyl (SURR)

R.T.: 11.382 min
Delta R.T.: -0.004 min
Response: 4195353
Conc: 20.59 ug/ml



#12 Fluoranthene (C21.85)

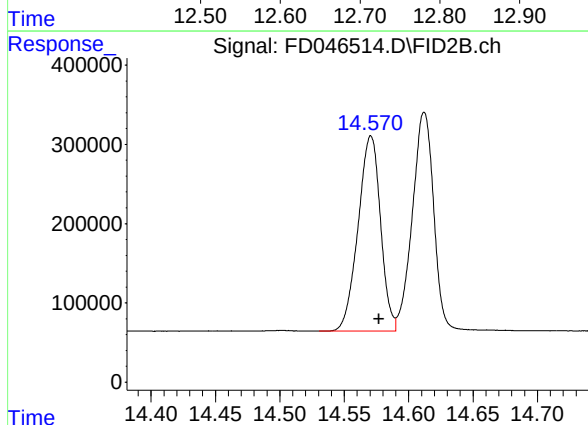
R.T.: 12.413 min
Delta R.T.: -0.007 min
Response: 3555997
Conc: 20.86 ug/ml



#13 Pyrene (C20.8)

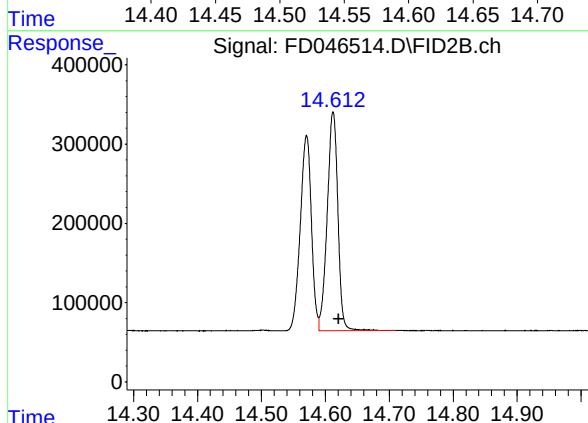
R.T.: 12.706 min
Delta R.T.: -0.007 min
Response: 3460926
Conc: 21.10 ug/ml

Instrument :
FID_D
ClientSampleId :



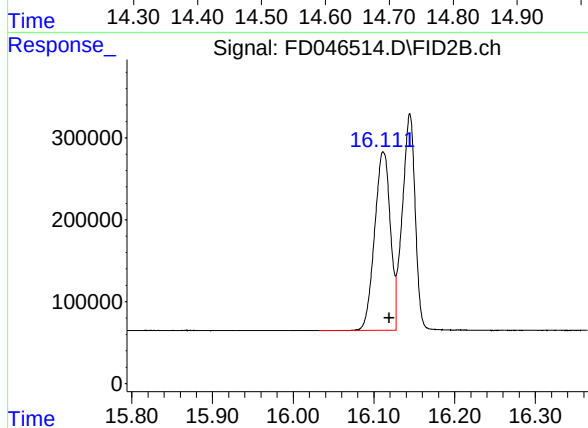
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.570 min
Delta R.T.: -0.007 min
Response: 2986760
Conc: 21.39 ug/ml



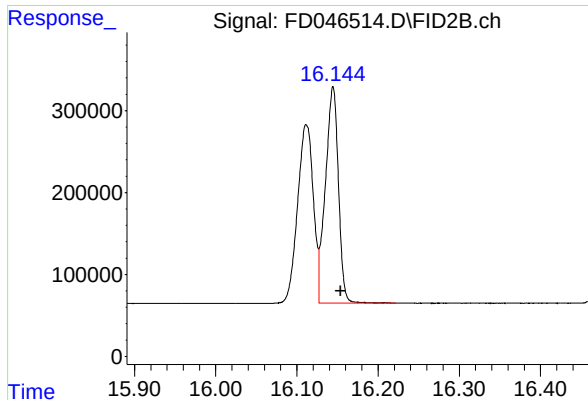
#15 Chrysene (C27.41)

R.T.: 14.612 min
Delta R.T.: -0.009 min
Response: 3206421
Conc: 21.12 ug/ml



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

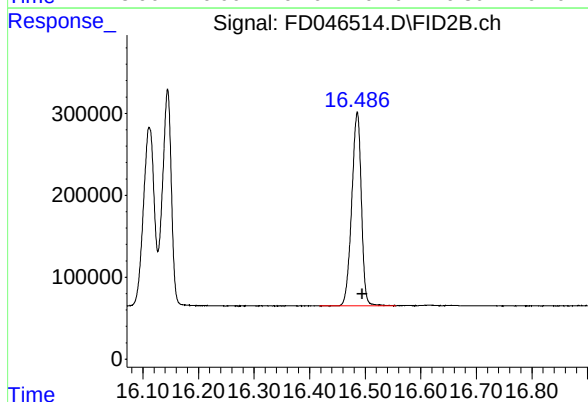
R.T.: 16.112 min
Delta R.T.: -0.007 min
Response: 2942334
Conc: 21.45 ug/ml



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

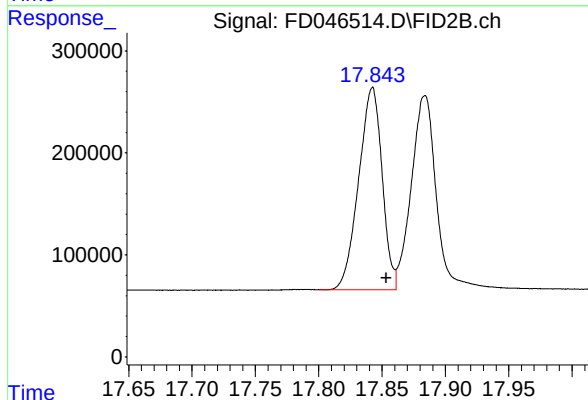
R.T.: 16.144 min
Delta R.T.: -0.009 min
Response: 2944030
Conc: 21.25 ug/ml

Instrument :
FID_D
ClientSampleId :



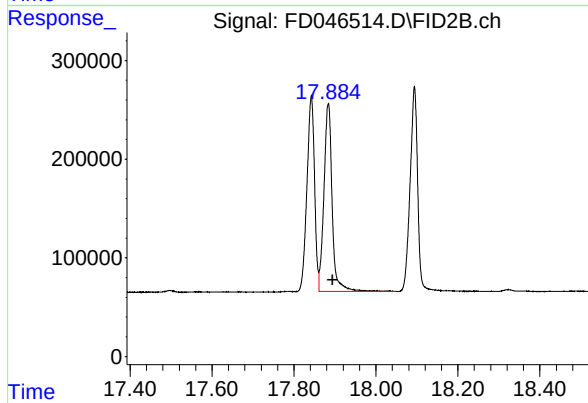
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.485 min
Delta R.T.: -0.009 min
Response: 2836758
Conc: 21.20 ug/ml



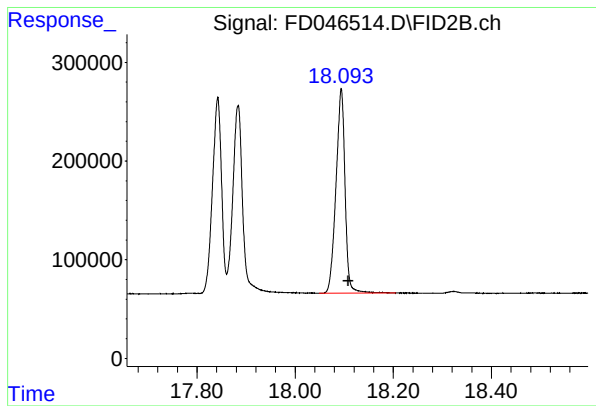
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.842 min
Delta R.T.: -0.011 min
Response: 2550723
Conc: 20.35 ug/ml



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

R.T.: 17.884 min
Delta R.T.: -0.010 min
Response: 2666054
Conc: 20.03 ug/ml



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

R.T.: 18.094 min

Delta R.T.: -0.014 min

Response: 2666714

Conc: 20.22 ug/ml

Instrument :

FID_D

ClientSampleId :