

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062723AR\
 Data File : FD046018.D
 Signal(s) : FID2B.ch
 Acq On : 28 Jun 2023 04:56
 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: Jun 28 08:43:16 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 062423.M
 Quant Title : GC Extractables
 QLast Update : Sun Jun 25 04:38:13 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...	7.518	4100891	19.030 ug/ml
Spiked Amount 50.000		Recovery =	38.06%
6) S 2-Fluorobiphenyl (SURR)	8.374	2632105	19.018 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.04%
11) S ortho-Terphenyl (SURR)	11.413	4819607	19.011 ug/ml
Spiked Amount 50.000		Recovery =	38.02%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.328	4766069	19.133 ug/ml
2) T Naphthalene (C11.7)	5.858	4845050	18.991 ug/ml
3) T 2-Methylnaphthalene (...)	6.907	4790594	19.003 ug/ml
5) T Acenaphthylene (C15.06)	8.178	4158149	19.144 ug/ml
7) T Acenaphthene (C15.5)	8.474	4481128	19.010 ug/ml
8) T Fluorene (C16.55)	9.252	4309917	19.049 ug/ml
9) T Phenanthrene (C19.36)	10.642	4029489	18.884 ug/ml
10) T Anthracene (C19.43)	10.715	3048212	19.184 ug/ml
12) T Fluoranthene (C21.85)	12.446	3837177	18.750 ug/ml
13) T Pyrene (C20.8)	12.741	3761285	19.345 ug/ml
14) T Benzo[a]anthracene (C...	14.604	3403735	18.926 ug/ml
15) T Chrysene (C27.41)	14.647	3694458	18.823 ug/ml
16) T benzo[b]fluoranthene ...	16.148	3698141	19.717 ug/ml
17) T Bnezo[k]fluoranthene ...	16.181	3710046	18.756 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.524	3497219	20.072 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.881	3654027	19.634 ug/ml
20) T Dibenz[a,h]anthracene...	17.924	4105283	22.329 ug/ml
21) T Benzo[g,h,i]perylene ...	18.136	3644963	19.507 ug/ml

(f)=RT Delta > 1/2 Window

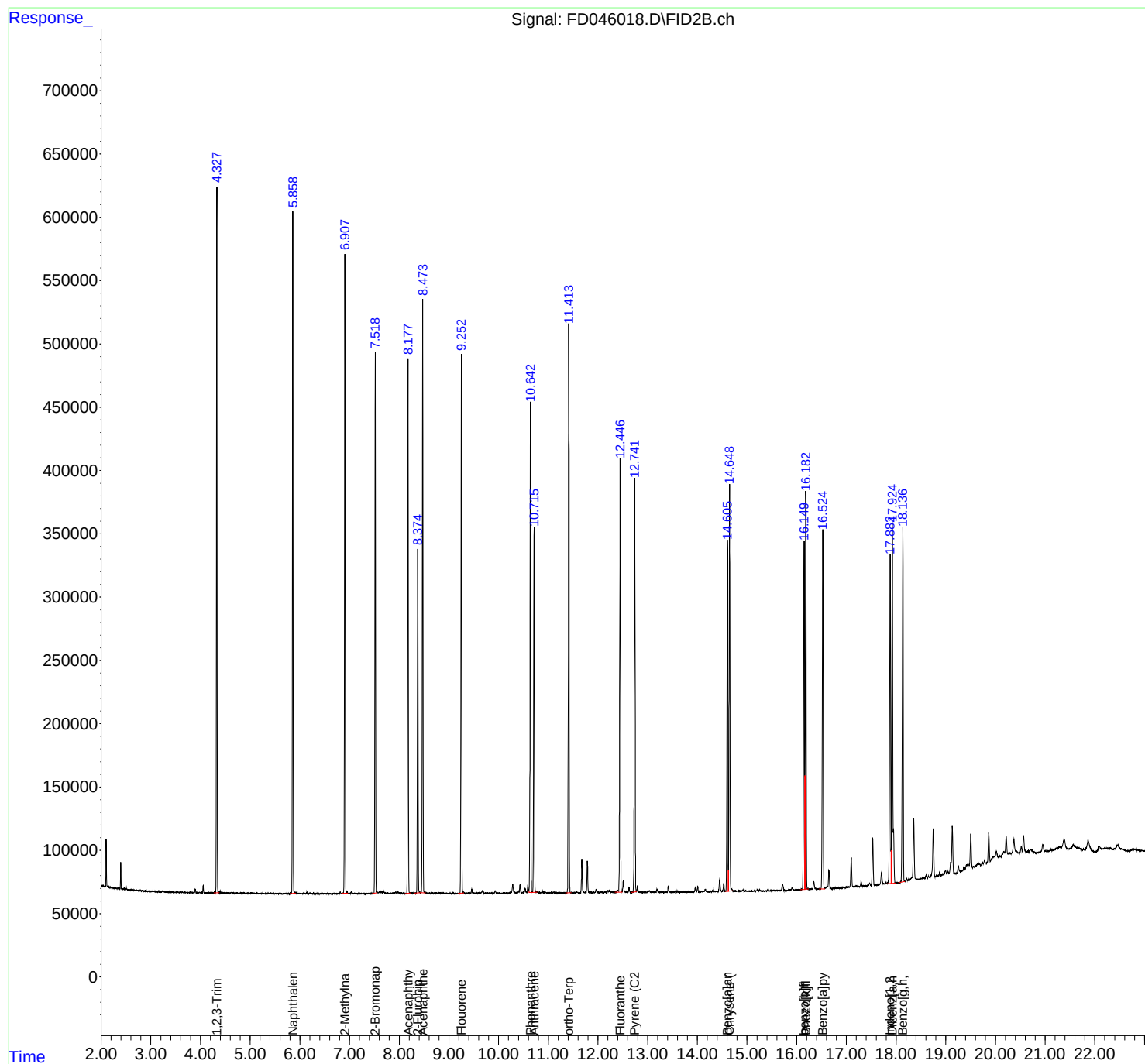
(m)=manual int.

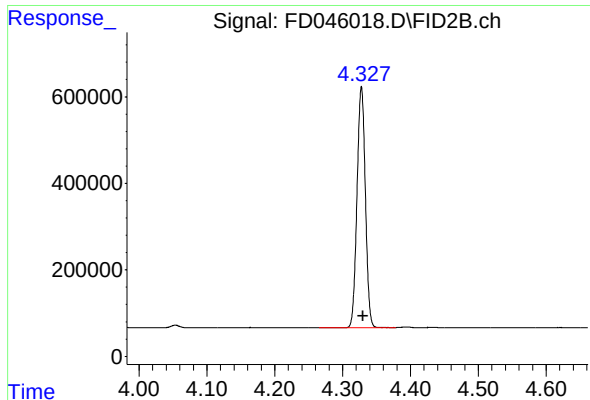
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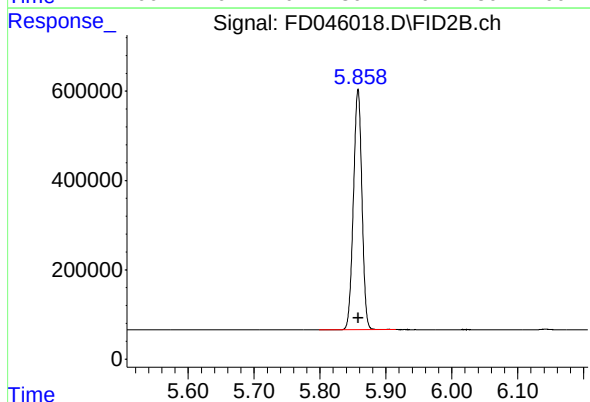




#1 1,2,3-Trimethylbenzene (C10.1)

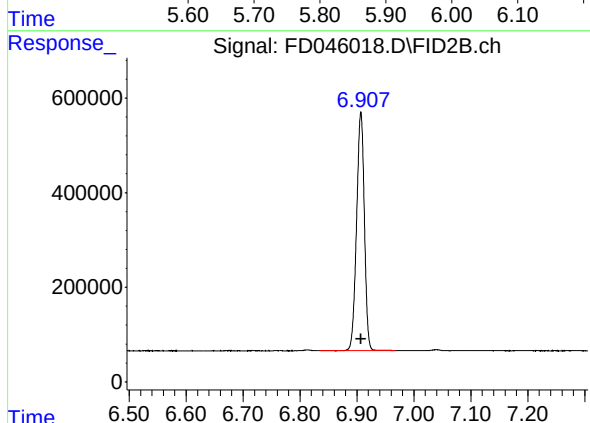
R.T.: 4.328 min
Delta R.T.: -0.002 min
Response: 4766069
Conc: 19.13 ug/ml

Instrument :
FID_D
ClientSampleId :



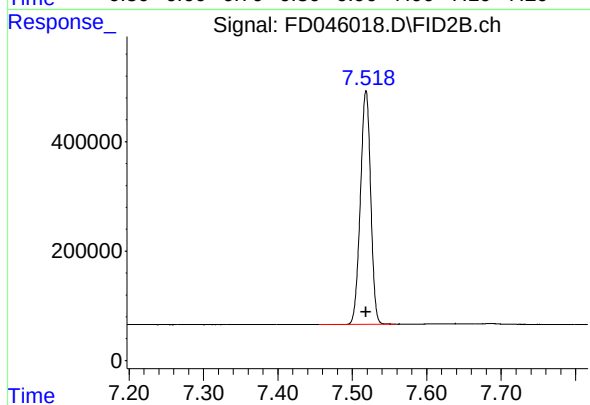
#2 Naphthalene (C11.7)

R.T.: 5.858 min
Delta R.T.: 0.000 min
Response: 4845050
Conc: 18.99 ug/ml



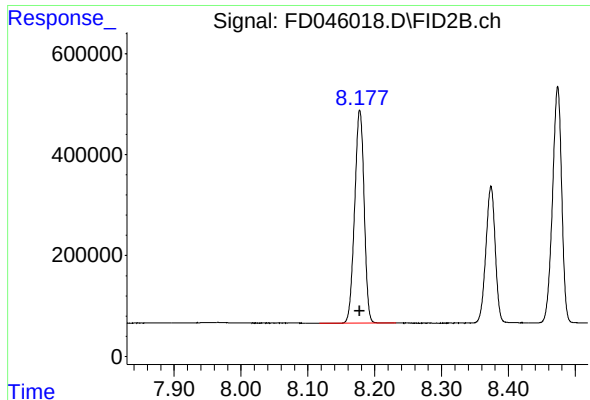
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.907 min
Delta R.T.: 0.000 min
Response: 4790594
Conc: 19.00 ug/ml



#4 2-Bromonaphthalene (SURR)

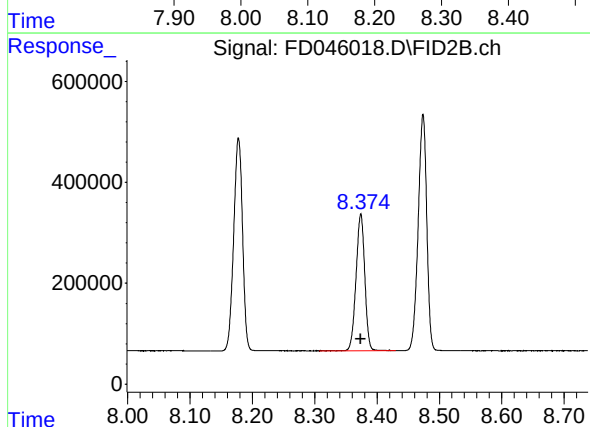
R.T.: 7.518 min
Delta R.T.: 0.000 min
Response: 4100891
Conc: 19.03 ug/ml



#5 Acenaphthylene (C15.06)

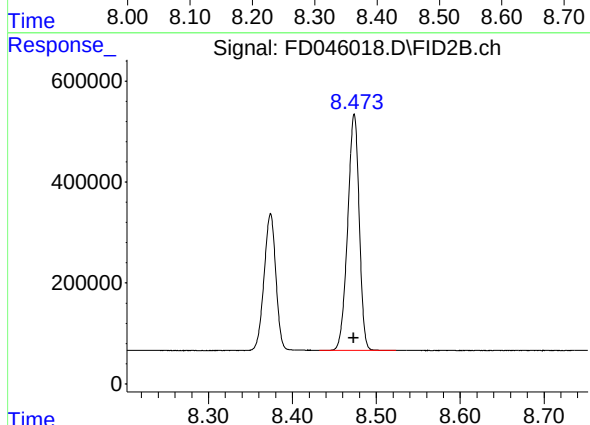
R.T.: 8.178 min
Delta R.T.: 0.000 min
Response: 4158149
Conc: 19.14 ug/ml

Instrument :
FID_D
ClientSampleId :



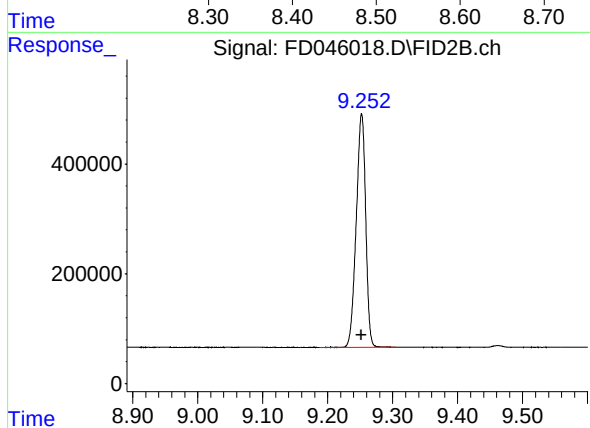
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.374 min
Delta R.T.: 0.000 min
Response: 2632105
Conc: 19.02 ug/ml



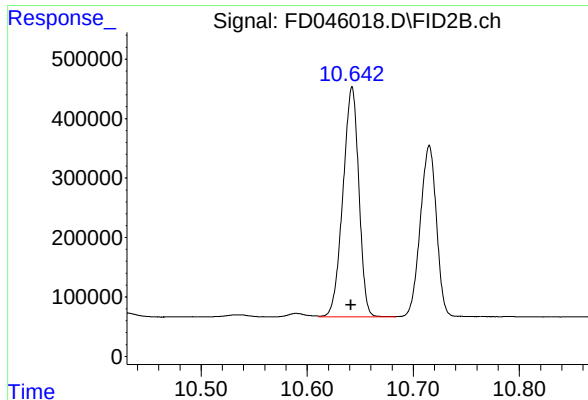
#7 Acenaphthene (C15.5)

R.T.: 8.474 min
Delta R.T.: 0.000 min
Response: 4481128
Conc: 19.01 ug/ml



#8 Fluorene (C16.55)

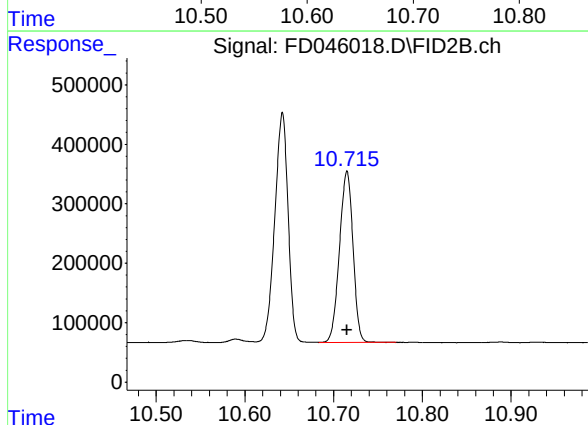
R.T.: 9.252 min
Delta R.T.: 0.000 min
Response: 4309917
Conc: 19.05 ug/ml



#9 Phenanthrene (C19.36)

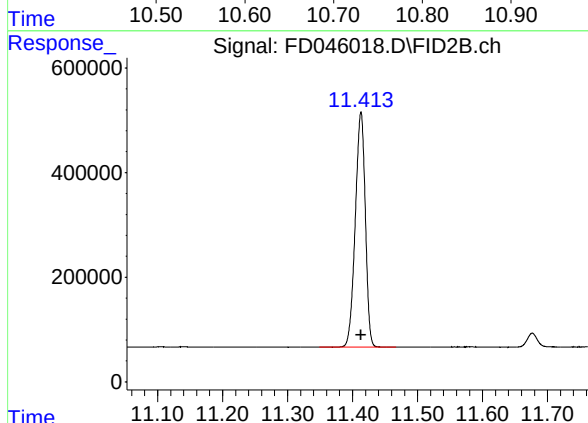
R.T.: 10.642 min
Delta R.T.: 0.000 min
Response: 4029489
Conc: 18.88 ug/ml

Instrument :
FID_D
ClientSampleId :



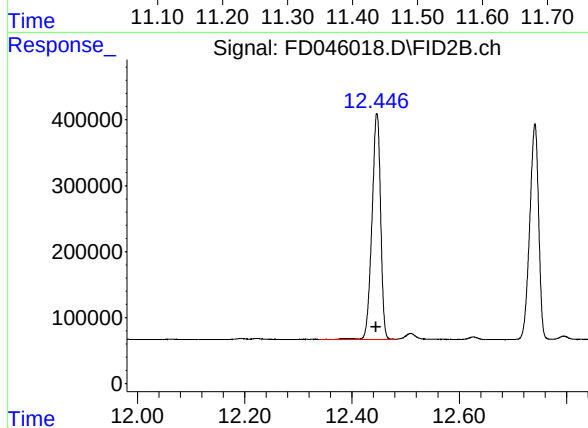
#10 Anthracene (C19.43)

R.T.: 10.715 min
Delta R.T.: 0.000 min
Response: 3048212
Conc: 19.18 ug/ml



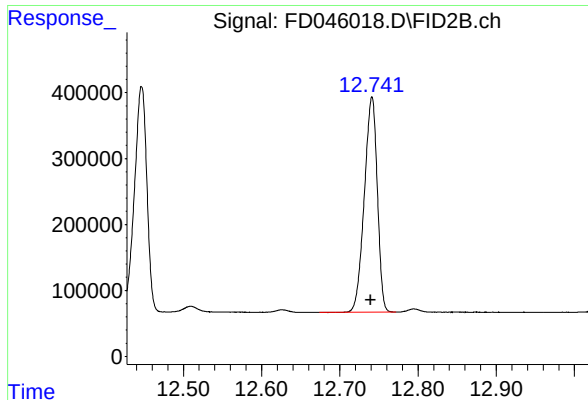
#11 ortho-Terphenyl (SURR)

R.T.: 11.413 min
Delta R.T.: 0.000 min
Response: 4819607
Conc: 19.01 ug/ml



#12 Fluoranthene (C21.85)

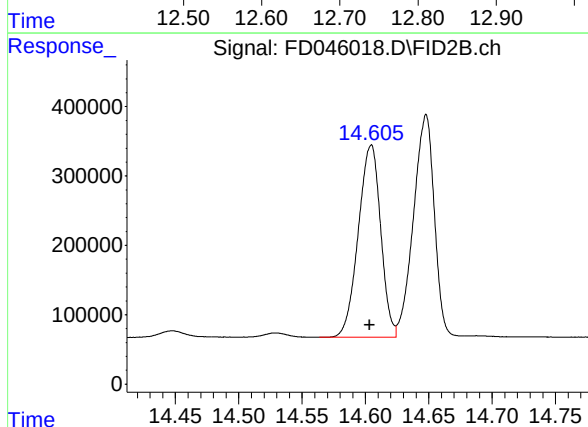
R.T.: 12.446 min
Delta R.T.: 0.001 min
Response: 3837177
Conc: 18.75 ug/ml



#13 Pyrene (C20.8)

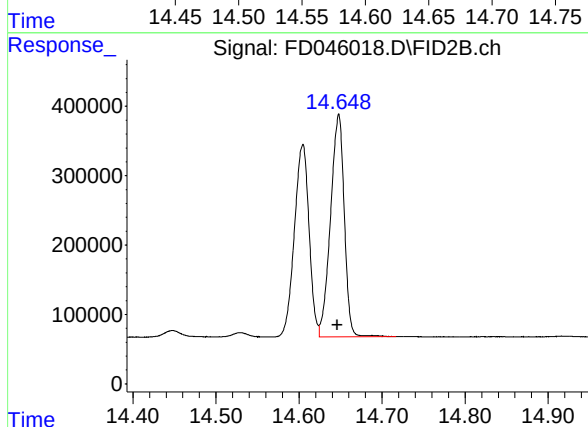
R.T.: 12.741 min
Delta R.T.: 0.002 min
Response: 3761285
Conc: 19.34 ug/ml

Instrument :
FID_D
ClientSampleId :



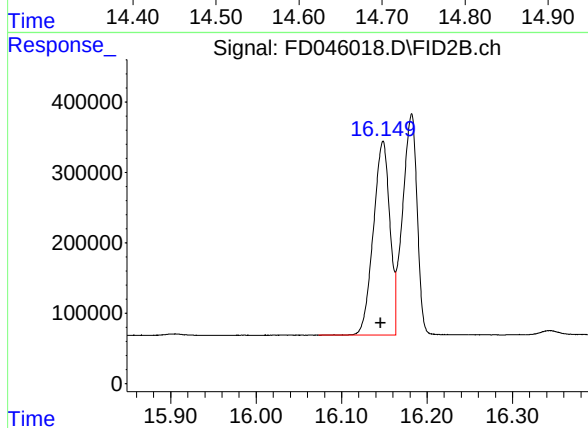
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.604 min
Delta R.T.: 0.000 min
Response: 3403735
Conc: 18.93 ug/ml



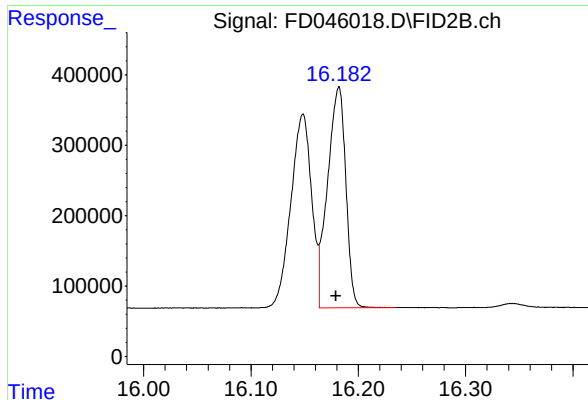
#15 Chrysene (C27.41)

R.T.: 14.647 min
Delta R.T.: 0.001 min
Response: 3694458
Conc: 18.82 ug/ml



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

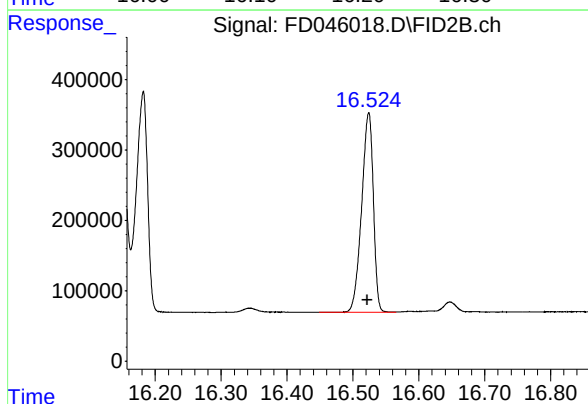
R.T.: 16.148 min
Delta R.T.: 0.002 min
Response: 3698141
Conc: 19.72 ug/ml



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

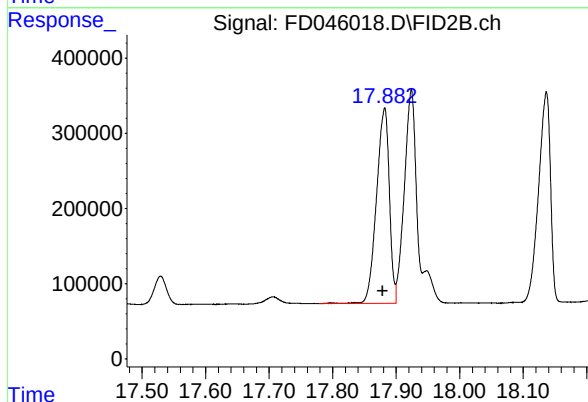
R.T.: 16.181 min
Delta R.T.: 0.002 min
Response: 3710046
Conc: 18.76 ug/ml

Instrument :
FID_D
ClientSampleId :



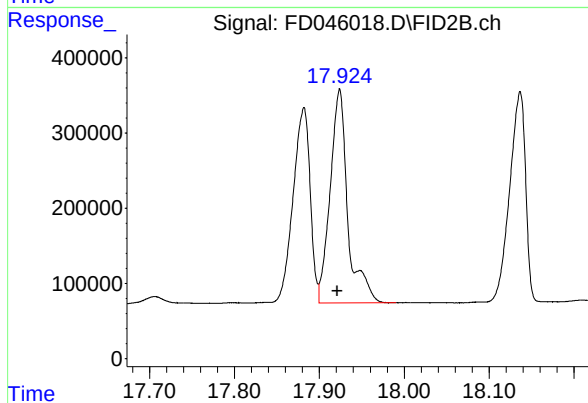
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.524 min
Delta R.T.: 0.002 min
Response: 3497219
Conc: 20.07 ug/ml



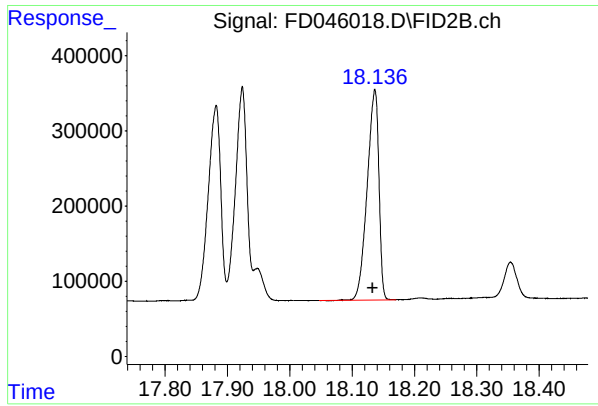
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.881 min
Delta R.T.: 0.003 min
Response: 3654027
Conc: 19.63 ug/ml



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

R.T.: 17.924 min
Delta R.T.: 0.002 min
Response: 4105283
Conc: 22.33 ug/ml



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

R.T.: 18.136 min
Delta R.T.: 0.003 min
Response: 3644963
Conc: 19.51 ug/ml

Instrument :

FID_D

ClientSampleId :