

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF093024AR\
 Data File : FF014570.D
 Signal(s) : FID2B.ch
 Acq On : 30 Sep 2024 18:18
 Operator : YP\AJ
 Sample : 100 PPM AROMATIC HC STD1
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Oct 01 10:46:46 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 093024.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 01 10:46:35 2024
 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...	7.865	11124158	100.609 ug/ml
Spiked Amount 50.000		Recovery =	201.22%
6) S 2-Fluorobiphenyl (SURR)	8.735	7242377	106.023 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	212.05%#
11) S ortho-Terphenyl (SURR)	11.799	13199509	98.061 ug/ml
Spiked Amount 50.000		Recovery =	196.12%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.477	12592243	97.287 ug/ml
2) T Naphthalene (C11.7)	6.142	13061434	99.928 ug/ml
3) T 2-Methylnaphthalene (...)	7.238	13016572	101.126 ug/ml
5) T Acenaphthylene (C15.06)	8.537	12911159	99.810 ug/ml
7) T Acenaphthene (C15.5)	8.838	13183118	98.856 ug/ml
8) T Fluorene (C16.55)	9.625	12360128	101.574 ug/ml
9) T Phenanthrene (C19.36)	11.029	12326895	102.408 ug/ml
10) T Anthracene (C19.43)	11.104	11694077	98.283 ug/ml
12) T Fluoranthene (C21.85)	12.848	12545702	100.489 ug/ml
13) T Pyrene (C20.8)	13.146	12392109	99.155 ug/ml
14) T Benzo[a]anthracene (C...	15.024	10522480	104.770 ug/ml
15) T Chrysene (C27.41)	15.070	11952729	91.368 ug/ml
16) T benzo[b]fluoranthene ...	16.581	11363968	104.020 ug/ml
17) T Bnezo[k]fluoranthene ...	16.618	11239238	93.011 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.962	10984448	100.324 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.328	7987230	111.705 ug/ml
20) T Dibenz[a,h]anthracene...	18.362	8162878	81.310 ug/ml
21) T Benzo[g,h,i]perylene ...	18.588	10729393	91.504 ug/ml

(f)=RT Delta > 1/2 Window

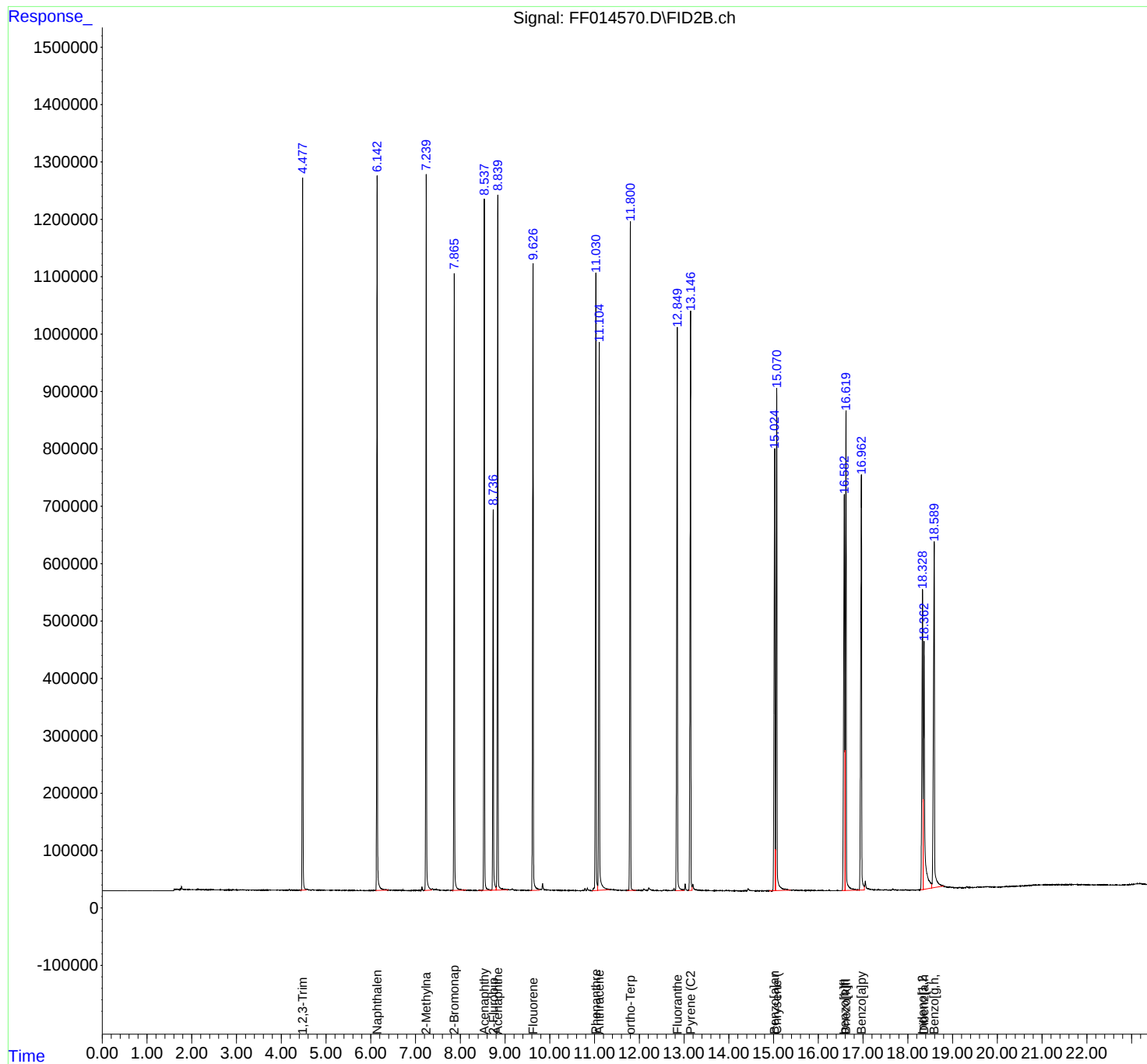
(m)=manual int.

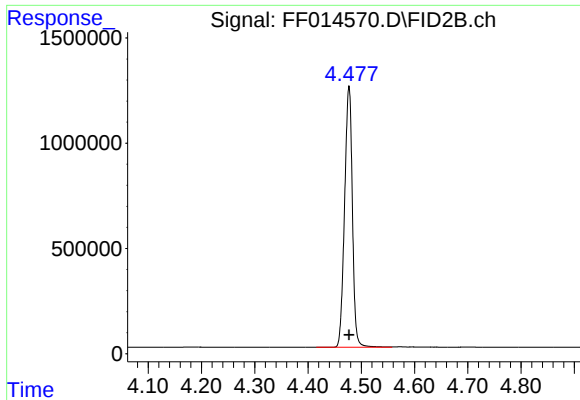
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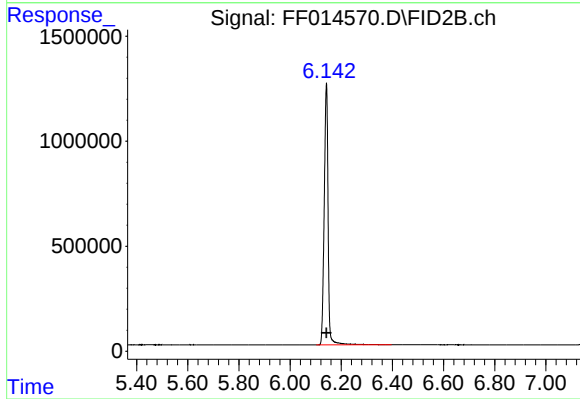




#1 1,2,3-Trimethylbenzene (C10.1)

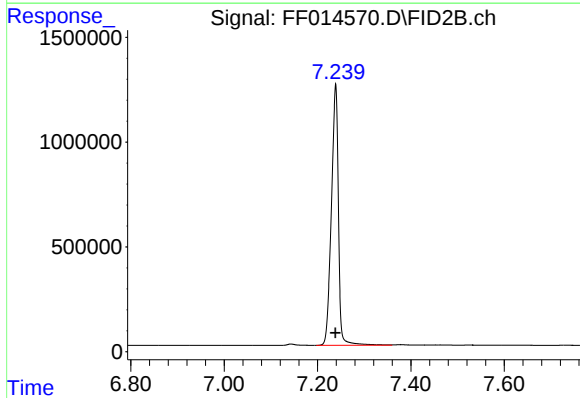
R.T.: 4.477 min
Delta R.T.: 0.000 min
Response: 12592243
Conc: 97.29 ug/ml

Instrument :
FID_F
ClientSampleId :



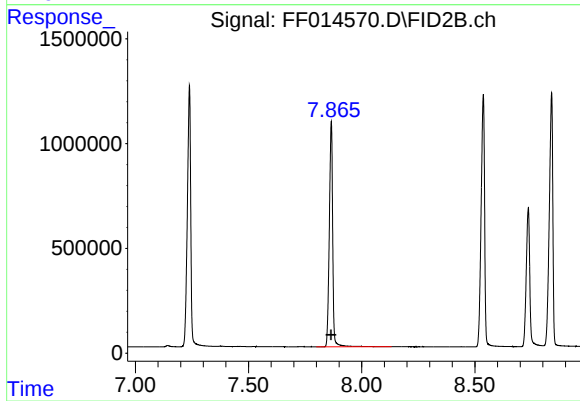
#2 Naphthalene (C11.7)

R.T.: 6.142 min
Delta R.T.: 0.000 min
Response: 13061434
Conc: 99.93 ug/ml



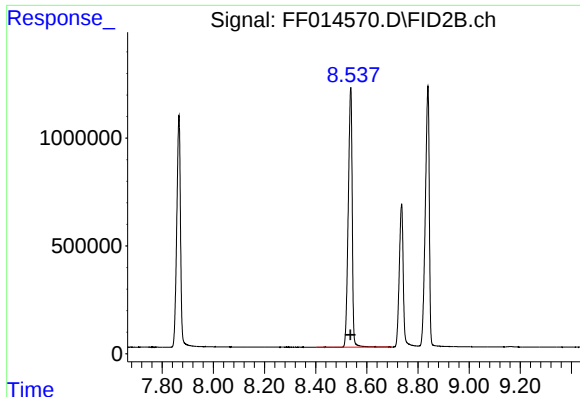
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.238 min
Delta R.T.: 0.000 min
Response: 13016572
Conc: 101.13 ug/ml



#4 2-Bromonaphthalene (SURR)

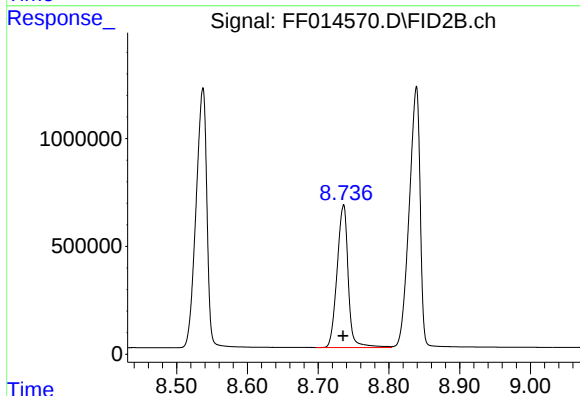
R.T.: 7.865 min
Delta R.T.: 0.000 min
Response: 11124158
Conc: 100.61 ug/ml



#5 Acenaphthylene (C15.06)

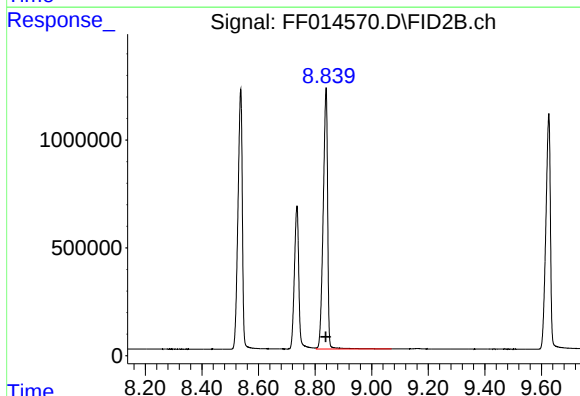
R.T.: 8.537 min
Delta R.T.: 0.000 min
Response: 12911159
Conc: 99.81 ug/ml

Instrument :
FID_F
ClientSampleId :



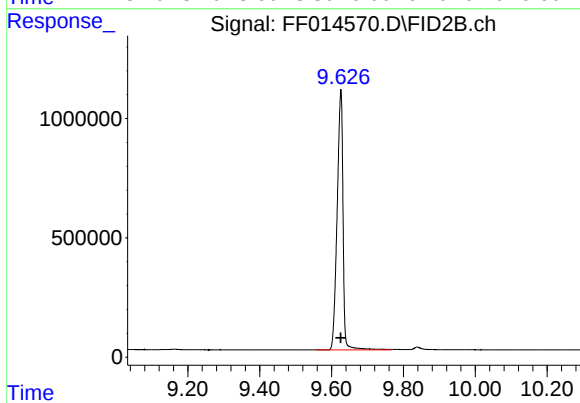
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.735 min
Delta R.T.: 0.000 min
Response: 7242377
Conc: 106.02 ug/ml



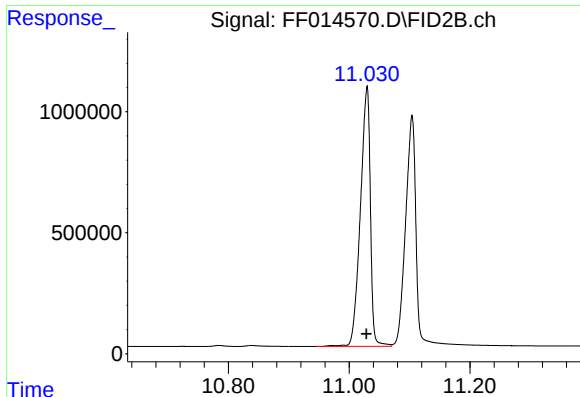
#7 Acenaphthene (C15.5)

R.T.: 8.838 min
Delta R.T.: 0.000 min
Response: 13183118
Conc: 98.86 ug/ml



#8 Flouorene (C16.55)

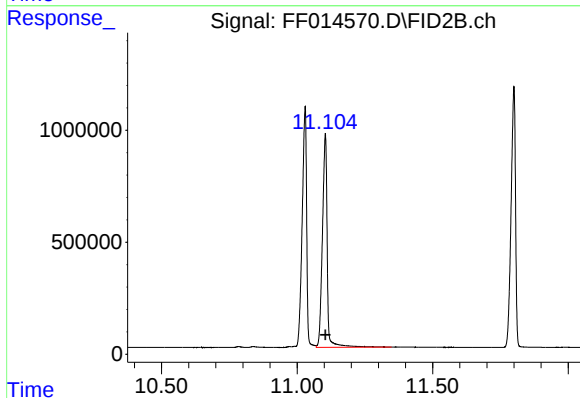
R.T.: 9.625 min
Delta R.T.: 0.000 min
Response: 12360128
Conc: 101.57 ug/ml



#9 Phenanthrene (C19.36)

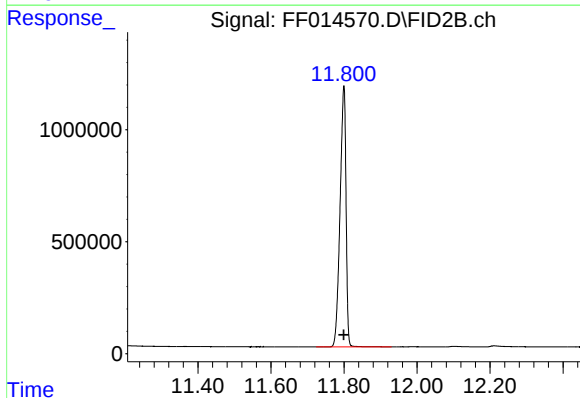
R.T.: 11.029 min
Delta R.T.: 0.000 min
Response: 12326895
Conc: 102.41 ug/ml

Instrument :
FID_F
ClientSampleId :



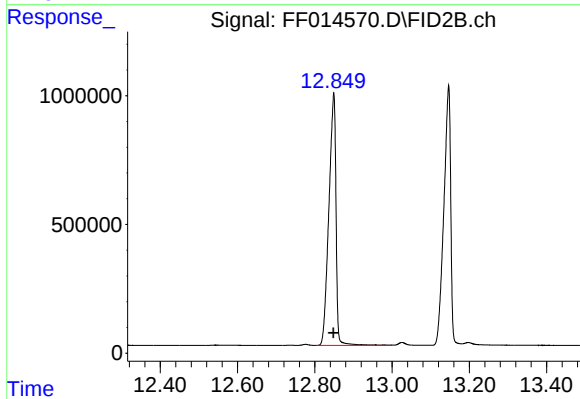
#10 Anthracene (C19.43)

R.T.: 11.104 min
Delta R.T.: 0.000 min
Response: 11694077
Conc: 98.28 ug/ml



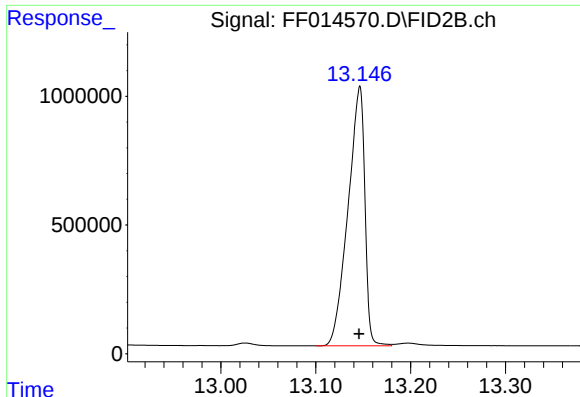
#11 ortho-Terphenyl (SURR)

R.T.: 11.799 min
Delta R.T.: 0.000 min
Response: 13199509
Conc: 98.06 ug/ml



#12 Fluoranthene (C21.85)

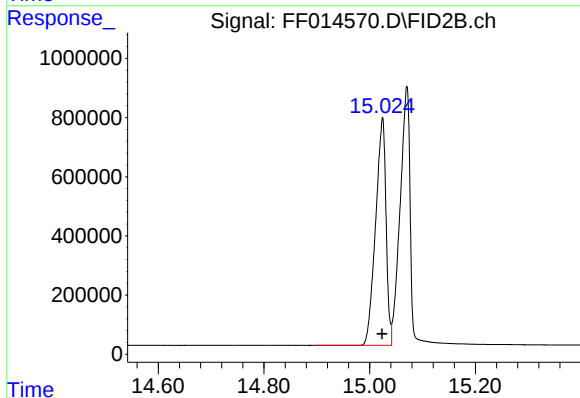
R.T.: 12.848 min
Delta R.T.: 0.000 min
Response: 12545702
Conc: 100.49 ug/ml



#13 Pyrene (C20.8)

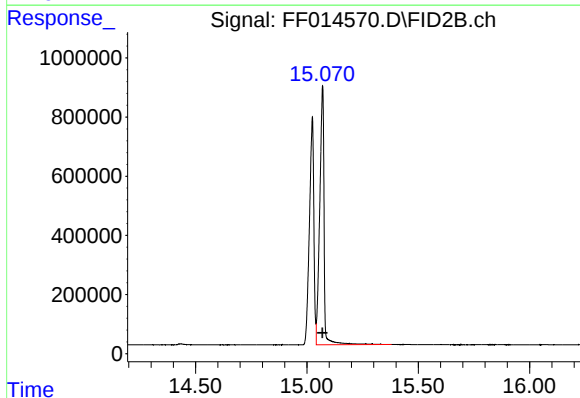
R.T.: 13.146 min
Delta R.T.: 0.000 min
Response: 12392109
Conc: 99.16 ug/ml

Instrument :
FID_F
ClientSampleId :



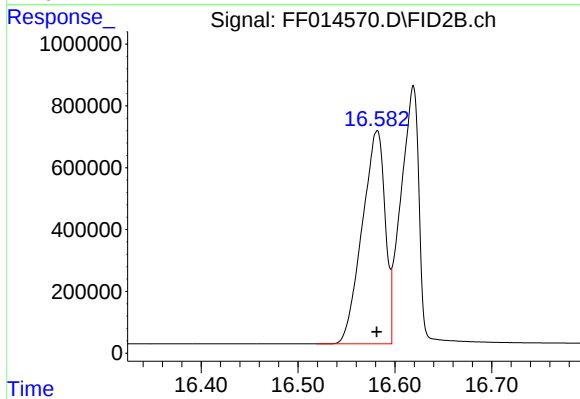
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.024 min
Delta R.T.: 0.000 min
Response: 10522480
Conc: 104.77 ug/ml



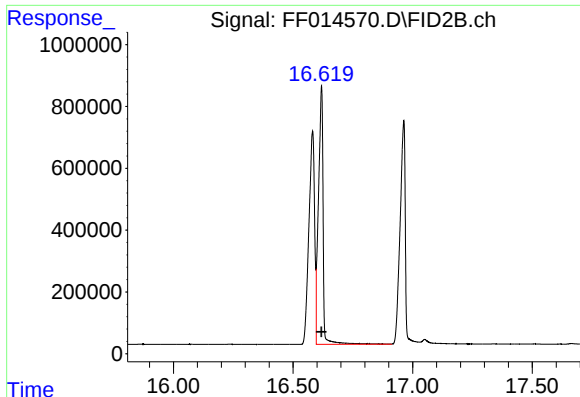
#15 Chrysene (C27.41)

R.T.: 15.070 min
Delta R.T.: 0.000 min
Response: 11952729
Conc: 91.37 ug/ml



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

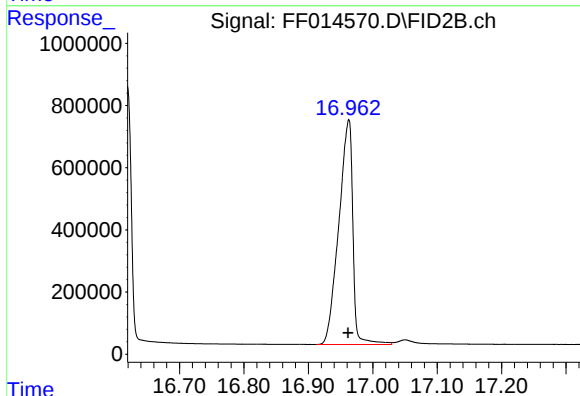
R.T.: 16.581 min
Delta R.T.: 0.000 min
Response: 11363968
Conc: 104.02 ug/ml



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

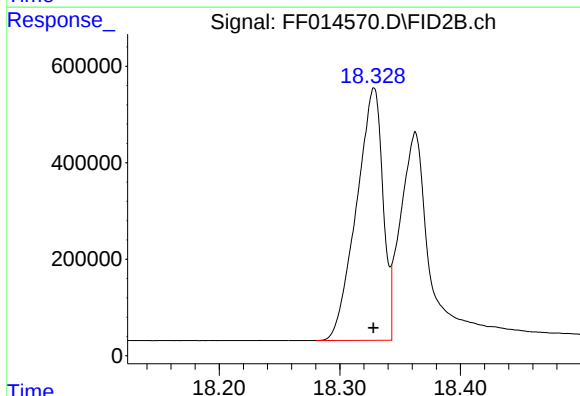
R.T.: 16.618 min
Delta R.T.: 0.000 min
Response: 11239238
Conc: 93.01 ug/ml

Instrument :
FID_F
ClientSampleId :



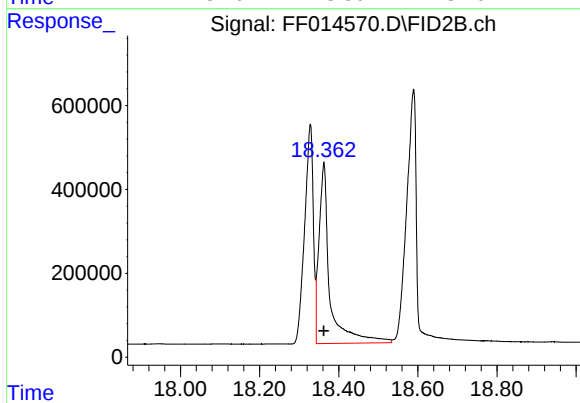
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.962 min
Delta R.T.: 0.000 min
Response: 10984448
Conc: 100.32 ug/ml



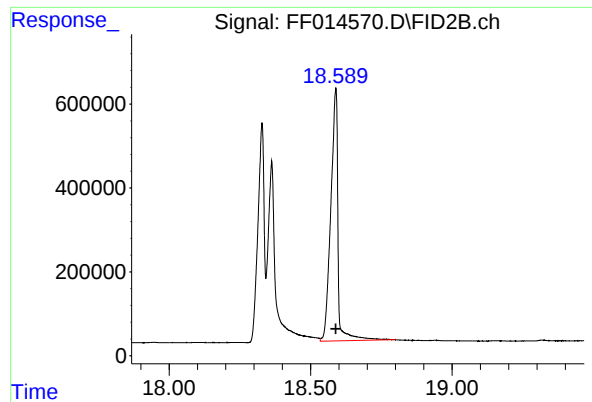
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.328 min
Delta R.T.: 0.000 min
Response: 7987230
Conc: 111.71 ug/ml



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

R.T.: 18.362 min
Delta R.T.: 0.000 min
Response: 8162878
Conc: 81.31 ug/ml



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

R.T.: 18.588 min
Delta R.T.: 0.000 min
Response: 10729393
Conc: 91.50 ug/ml

Instrument :

FID_F

ClientSampleId :