

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD080723AR\
 Data File : FD046284.D
 Signal(s) : FID2B.ch
 Acq On : 07 Aug 2023 15:35
 Operator : YP/AJ
 Sample : 03572-02
 Misc : LOQ 5 PPM
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 LOQ-SOIL-02-QT3-2023

Integration File: autoint1.e
 Quant Time: Aug 08 05:45:46 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...	7.501	5134607	34.350 ug/ml
Spiked Amount 50.000		Recovery =	68.70%
6) S 2-Fluorobiphenyl (SURR)	8.355	3250501	34.723 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	69.45%
11) S ortho-Terphenyl (SURR)	11.395	7406188	42.408 ug/ml
Spiked Amount 50.000		Recovery =	84.82%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.314	738978	4.056 ug/ml
2) T Naphthalene (C11.7)	5.841	726361	4.022 ug/ml
3) T 2-Methylnaphthalene (...)	6.889	697589	3.964 ug/ml
5) T Acenaphthylene (C15.06)	8.157	612352	4.013 ug/ml
7) T Acenaphthene (C15.5)	8.452	665005	4.078 ug/ml
8) T Flouorene (C16.55)	9.230	600148	3.944 ug/ml
9) T Phenanthrene (C19.36)	10.619	594103	4.126 ug/ml
10) T Anthracene (C19.43)	10.693	526282	4.021 ug/ml
12) T Fluoranthene (C21.85)	12.421	596538	4.269 ug/ml
13) T Pyrene (C20.8)	12.715	591691	4.269 ug/ml
14) T Benzo[a]anthracene (C...	14.578	495160	3.772 ug/ml
15) T Chrysene (C27.41)	14.619	649742	4.608 ug/ml
16) T benzo[b]fluoranthene ...	16.119	494838	3.618 ug/ml
17) T Bnezo[k]fluoranthene ...	16.150	518433	3.782 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.495	439891	3.379 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.851	337848	2.809 ug/ml
20) T Dibenz[a,h]anthracene...	17.895	377925	2.955 ug/ml
21) T Benzo[g,h,i]perylene ...	18.100	386148	3.044 ug/ml

(f)=RT Delta > 1/2 Window

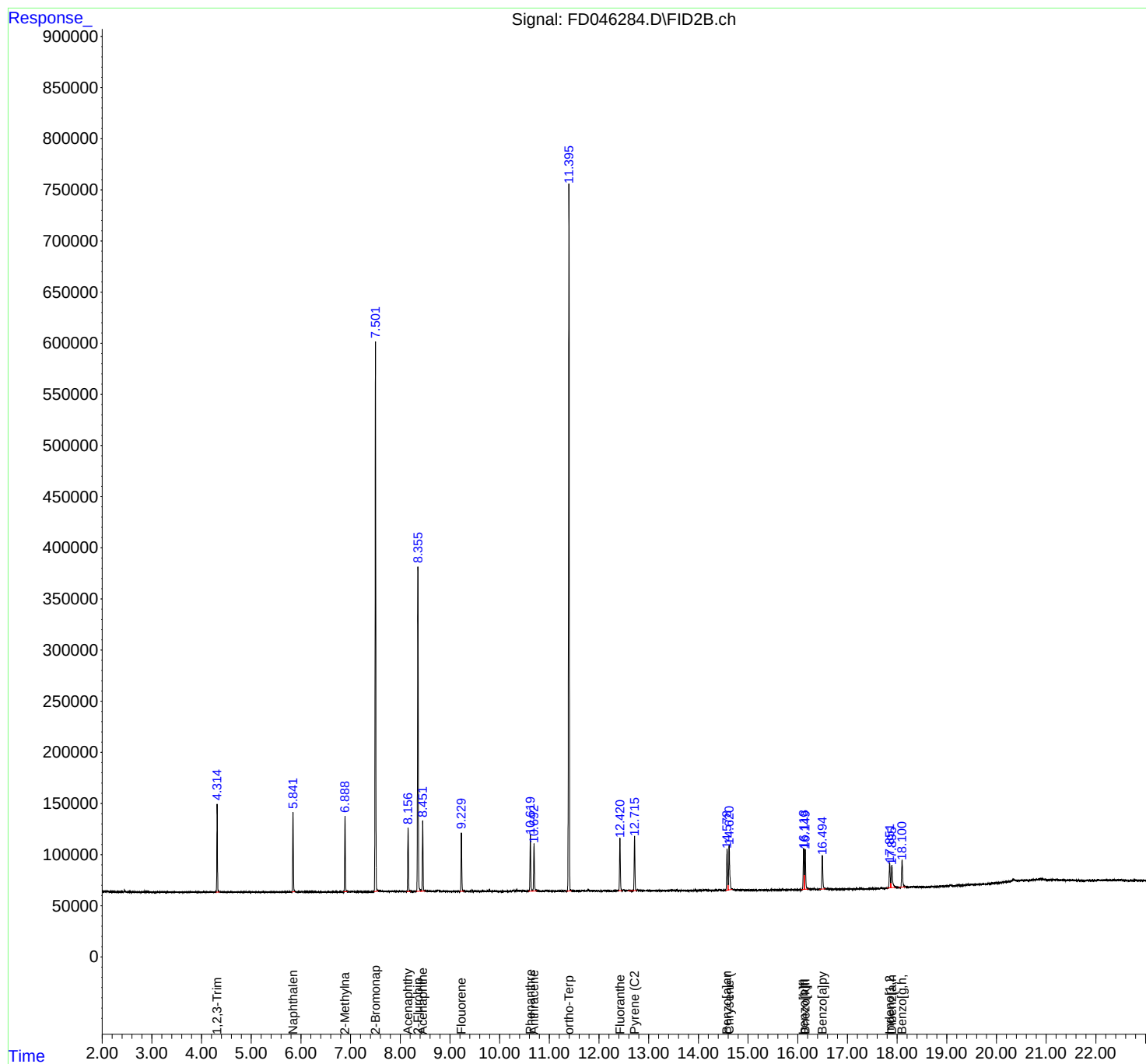
(m)=manual int.

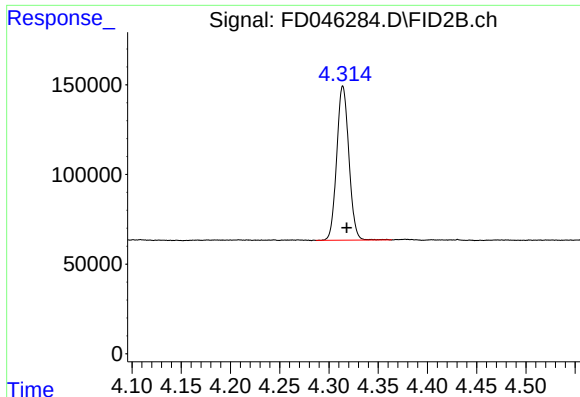
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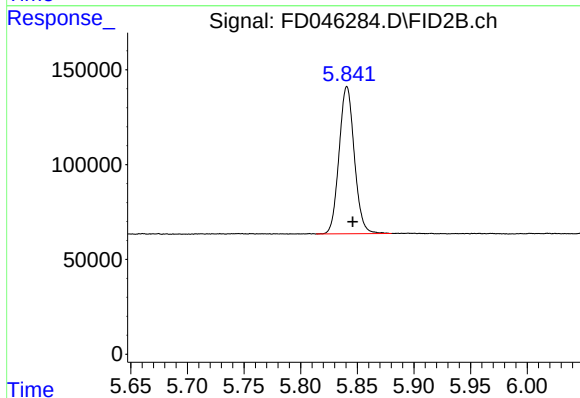




#1 1,2,3-Trimethylbenzene (C10.1)

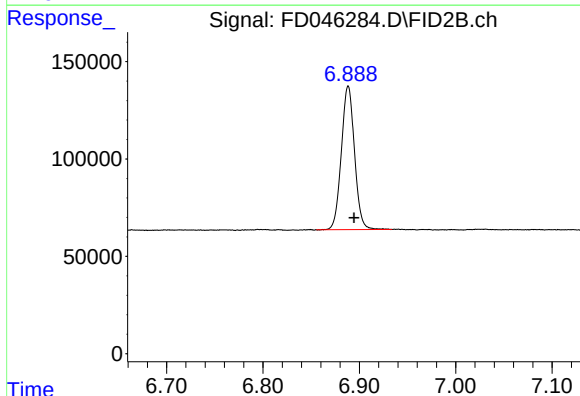
R.T.: 4.314 min
Delta R.T.: -0.004 min
Response: 738978
Conc: 4.06 ug/ml

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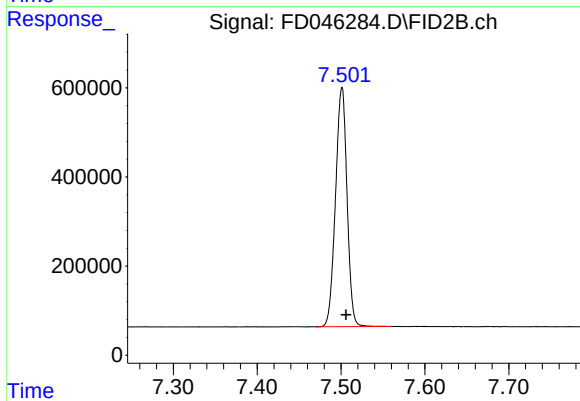
#2 Naphthalene (C11.7)

R.T.: 5.841 min
Delta R.T.: -0.005 min
Response: 726361
Conc: 4.02 ug/ml



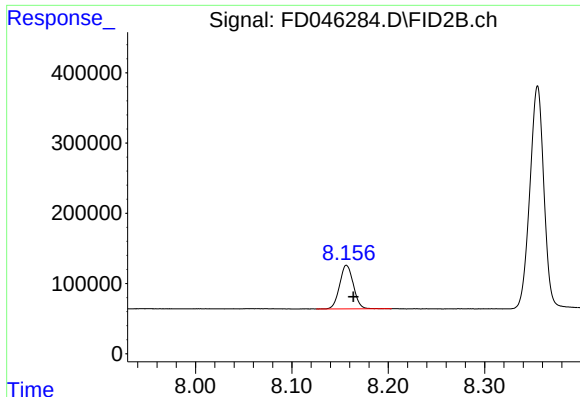
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.889 min
Delta R.T.: -0.006 min
Response: 697589
Conc: 3.96 ug/ml



#4 2-Bromonaphthalene (SURR)

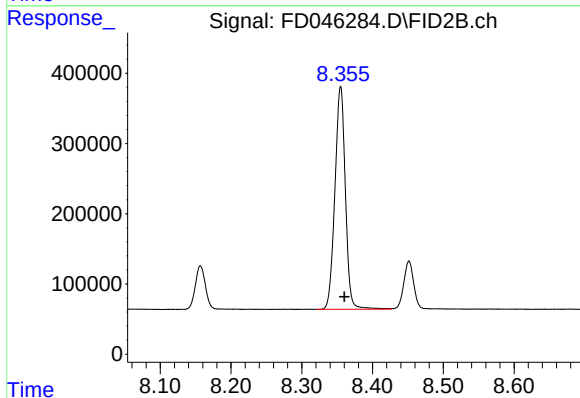
R.T.: 7.501 min
Delta R.T.: -0.005 min
Response: 5134607
Conc: 34.35 ug/ml



#5 Acenaphthylene (C15.06)

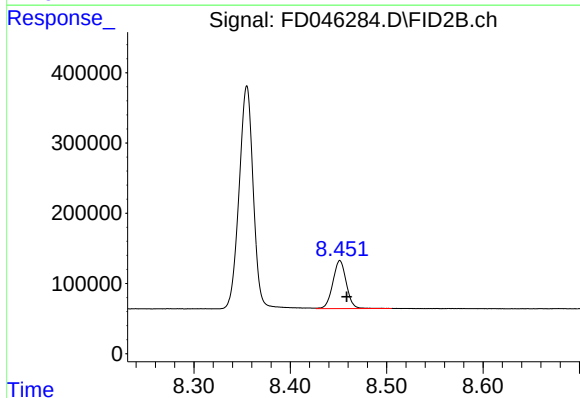
R.T.: 8.157 min
Delta R.T.: -0.007 min
Response: 612352
Conc: 4.01 ug/ml

Instrument :
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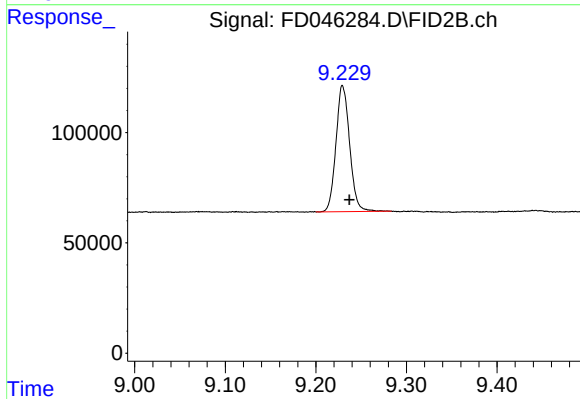
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.355 min
Delta R.T.: -0.005 min
Response: 3250501
Conc: 34.72 ug/ml



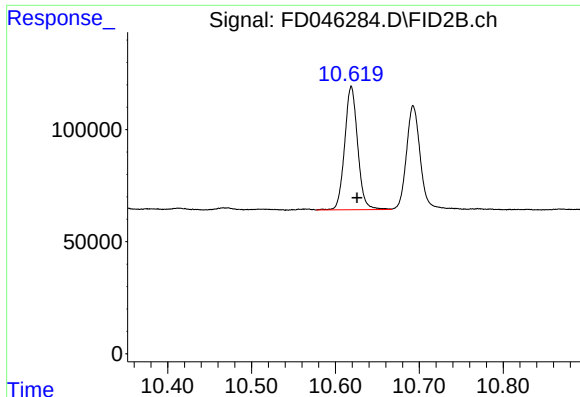
#7 Acenaphthene (C15.5)

R.T.: 8.452 min
Delta R.T.: -0.007 min
Response: 665005
Conc: 4.08 ug/ml



#8 Flouorene (C16.55)

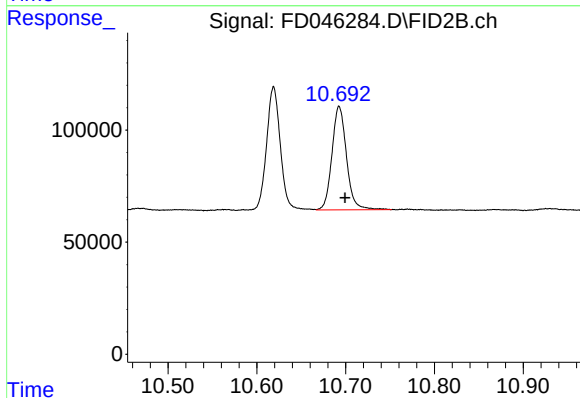
R.T.: 9.230 min
Delta R.T.: -0.007 min
Response: 600148
Conc: 3.94 ug/ml



#9 Phenanthrene (C19.36)

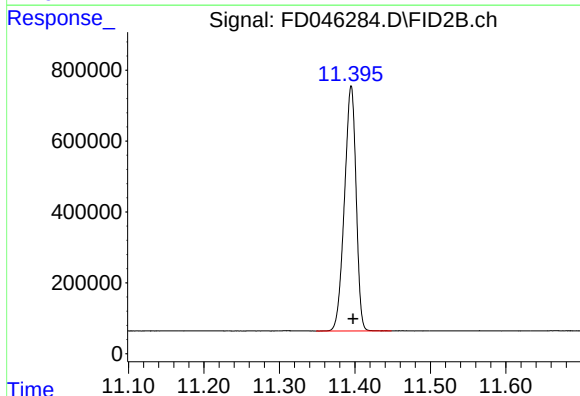
R.T.: 10.619 min
Delta R.T.: -0.007 min
Response: 594103
Conc: 4.13 ug/ml

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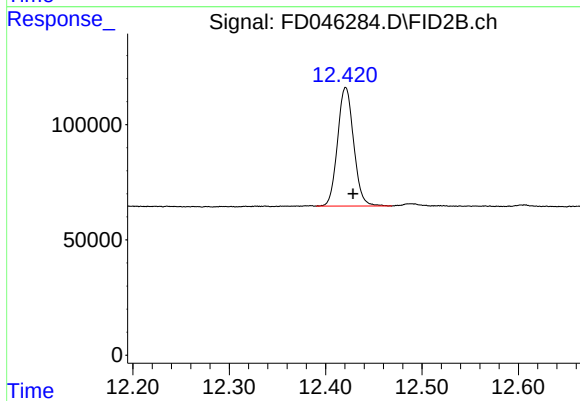
#10 Anthracene (C19.43)

R.T.: 10.693 min
Delta R.T.: -0.007 min
Response: 526282
Conc: 4.02 ug/ml



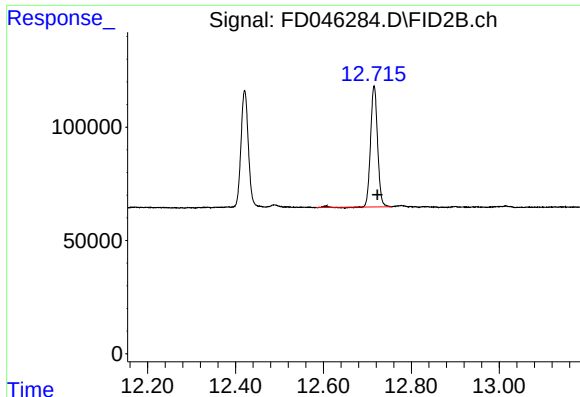
#11 ortho-Terphenyl (SURR)

R.T.: 11.395 min
Delta R.T.: -0.003 min
Response: 7406188
Conc: 42.41 ug/ml



#12 Fluoranthene (C21.85)

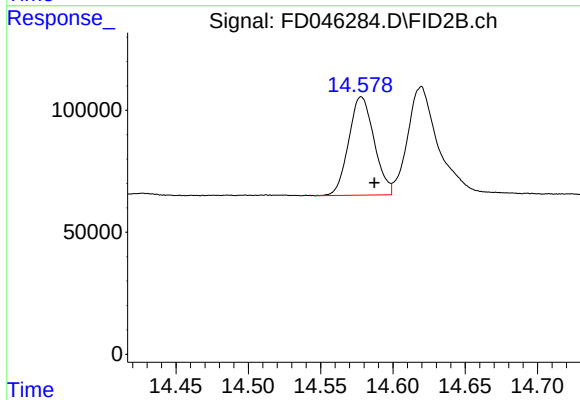
R.T.: 12.421 min
Delta R.T.: -0.008 min
Response: 596538
Conc: 4.27 ug/ml



#13 Pyrene (C20.8)

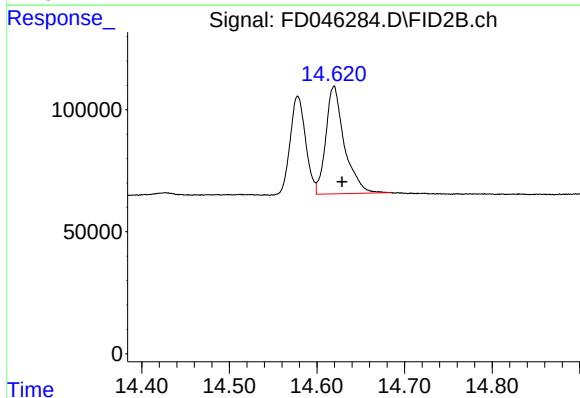
R.T.: 12.715 min
Delta R.T.: -0.007 min
Response: 591691
Conc: 4.27 ug/ml

Instrument :
FID_D
ClientSampleId :
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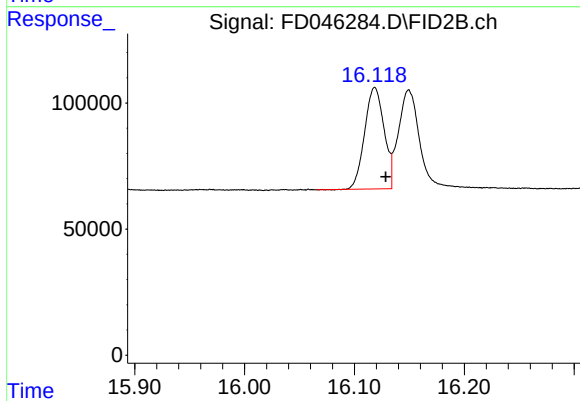
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.578 min
Delta R.T.: -0.009 min
Response: 495160
Conc: 3.77 ug/ml



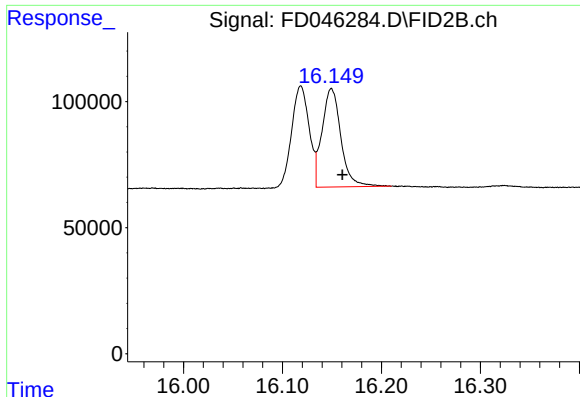
#15 Chrysene (C27.41)

R.T.: 14.619 min
Delta R.T.: -0.009 min
Response: 649742
Conc: 4.61 ug/ml



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

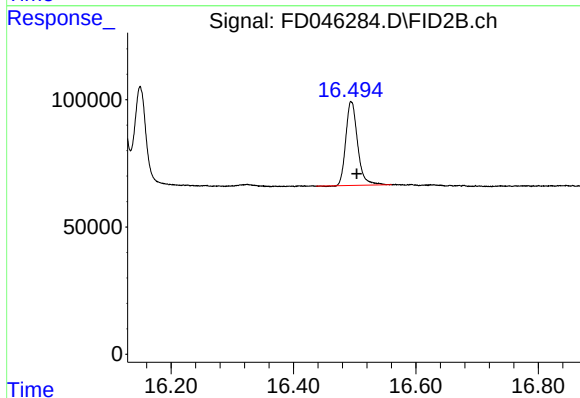
R.T.: 16.119 min
Delta R.T.: -0.010 min
Response: 494838
Conc: 3.62 ug/ml



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

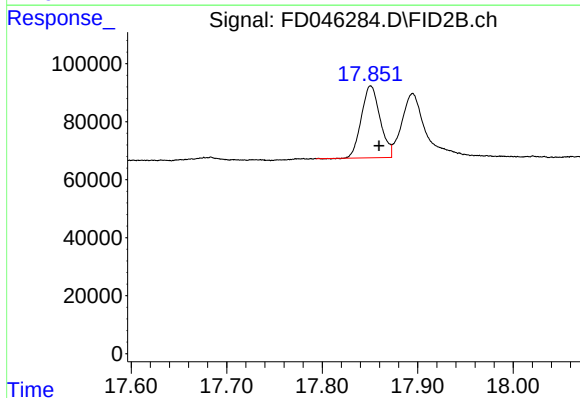
R.T.: 16.150 min
Delta R.T.: -0.011 min
Response: 518433
Conc: 3.78 ug/ml

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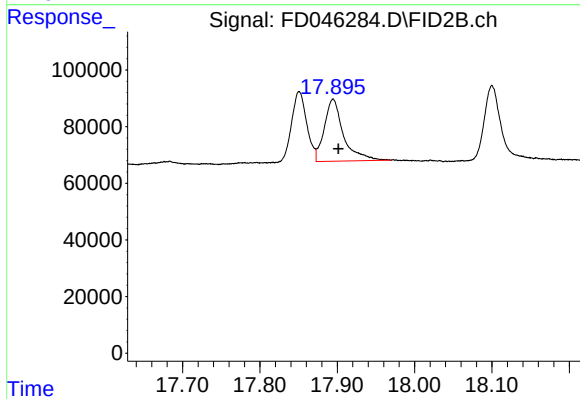
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.495 min
Delta R.T.: -0.009 min
Response: 439891
Conc: 3.38 ug/ml



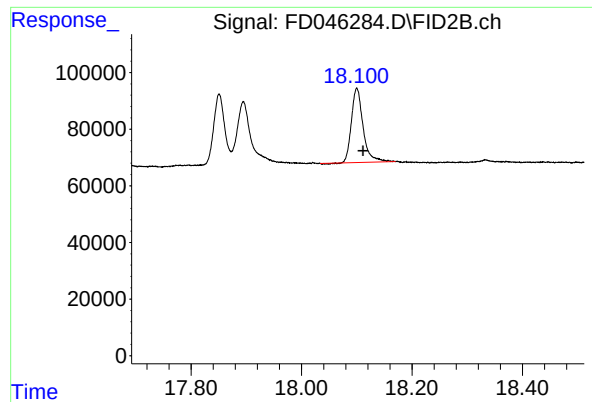
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.851 min
Delta R.T.: -0.009 min
Response: 337848
Conc: 2.81 ug/ml



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

R.T.: 17.895 min
Delta R.T.: -0.007 min
Response: 377925
Conc: 2.95 ug/ml



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

R.T.: 18.100 min
Delta R.T.: -0.011 min
Response: 386148
Conc: 3.04 ug/ml

Instrument :

FID_D

ClientSampleId :

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