

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD011723AR\
 Data File : FD044831.D
 Signal(s) : FID2B.ch
 Acq On : 17 Jan 2023 16:12
 Operator : YP/AJ
 Sample : PB150295BS
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB150295BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/18/2023
 Supervised By :Ankita Jodhani 01/18/2023

Integration File: autoint1.e
 Quant Time: Jan 18 00:02:45 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 122422.M
 Quant Title : GC Extractables
 QLast Update : Sun Dec 25 17:15:10 2022
 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...	7.661	7548133	52.343 ug/ml
Spiked Amount 50.000		Recovery =	104.69%
6) S 2-Fluorobiphenyl (SURR)	8.518	4911542	50.597 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	101.19%
11) S ortho-Terphenyl (SURR)	11.547	7753034	43.032 ug/ml
Spiked Amount 50.000		Recovery =	86.06%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.482	6129122	38.094 ug/ml
2) T Naphthalene (C11.7)	6.009	6603751	39.345 ug/ml
3) T 2-Methylnaphthalene (...)	7.053	6677592	39.715 ug/ml
5) T Acenaphthylene (C15.06)	8.322	7082695	46.697 ug/ml
7) T Acenaphthene (C15.5)	8.617	7223122	44.557 ug/ml
8) T Flouorene (C16.55)	9.393	7342091	46.067 ug/ml
9) T Phenanthrene (C19.36)	10.782	7408994	47.211 ug/ml
10) T Anthracene (C19.43)	10.857	7315094	58.172 ug/ml
12) T Fluoranthene (C21.85)	12.584	7441504	47.388 ug/ml
13) T Pyrene (C20.8)	12.881	7476838	48.842 ug/ml
14) T Benzo[a]anthracene (C...	14.742	7097829	49.918 ug/ml
15) T Chrysene (C27.41)	14.787	7967803	52.544 ug/mlm
16) T benzo[b]fluoranthene ...	16.284	7044484	46.840 ug/ml
17) T Bnezo[k]fluoranthene ...	16.318	6572872	43.384 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.659	6177325	42.578 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.013	5213677	36.868 ug/ml
20) T Dibenz[a,h]anthracene...	18.054	5243654	35.771 ug/ml
21) T Benzo[g,h,i]perylene ...	18.267	5113658	35.997 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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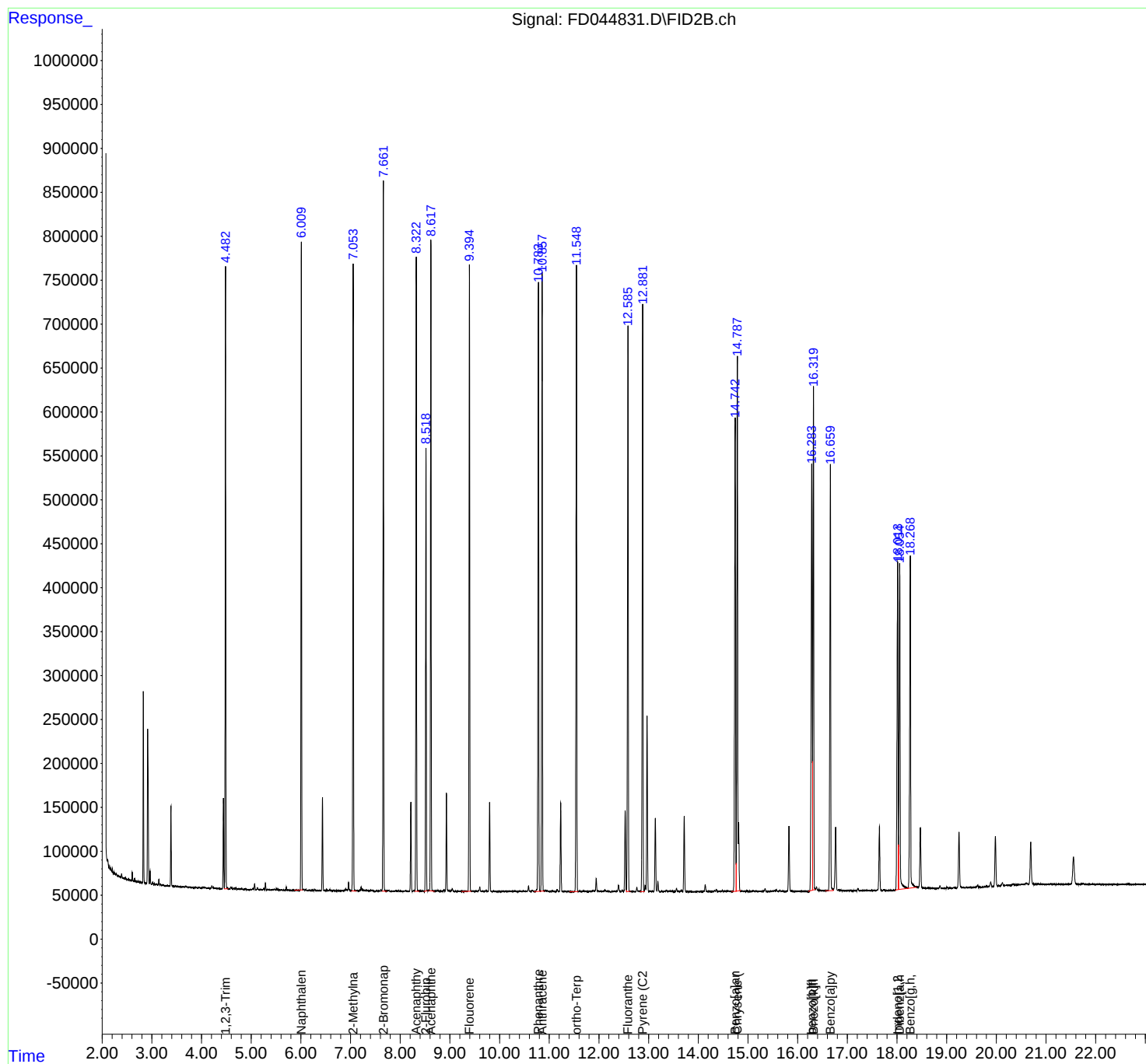
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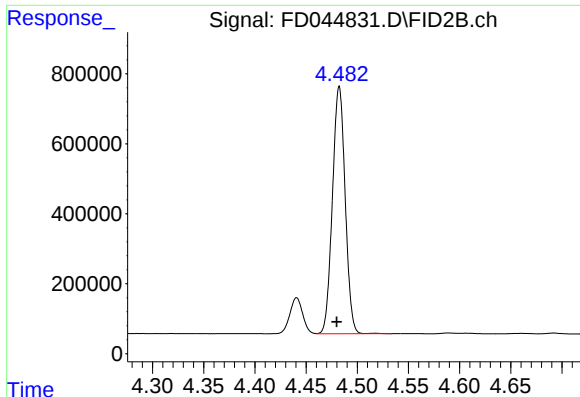
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#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.482 min
Delta R.T.: 0.002 min
Response: 6129122
Conc: 38.09 ug/ml

Instrument :

FID_D

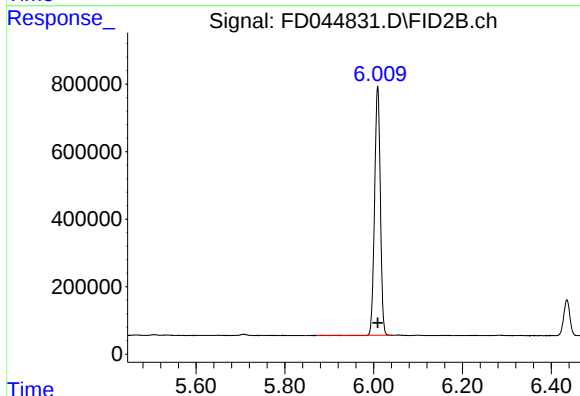
ClientSampleId :

PB150295BS

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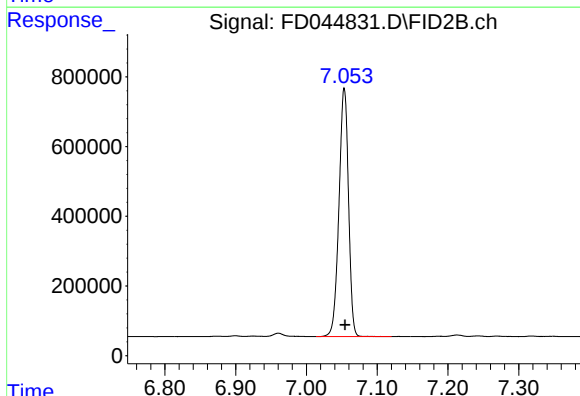
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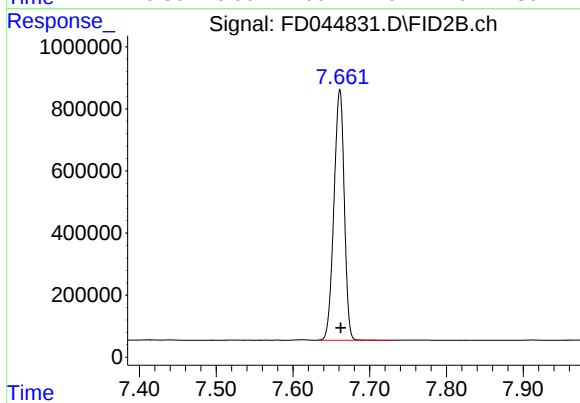
#2 Naphthalene (C11.7)

R.T.: 6.009 min
Delta R.T.: 0.000 min
Response: 6603751
Conc: 39.35 ug/ml



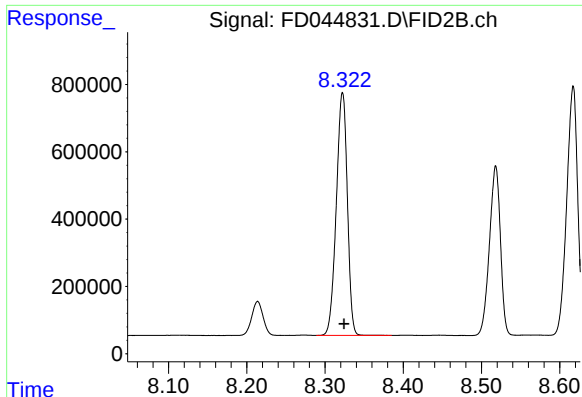
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.053 min
Delta R.T.: 0.000 min
Response: 6677592
Conc: 39.71 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.661 min
Delta R.T.: -0.001 min
Response: 7548133
Conc: 52.34 ug/ml



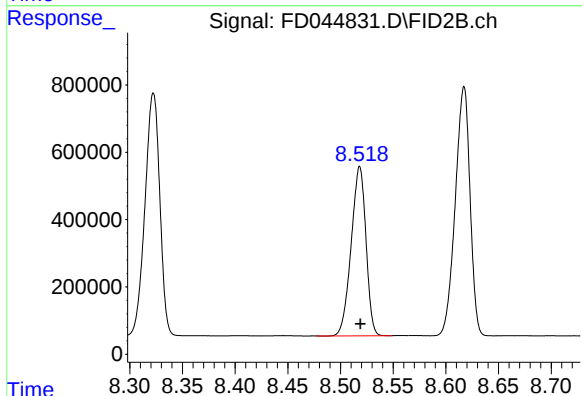
#5 Acenaphthylene (C15.06)

R.T.: 8.322 min
Delta R.T.: -0.002 min
Response: 7082695
Conc: 46.70 ug/ml

Instrument :
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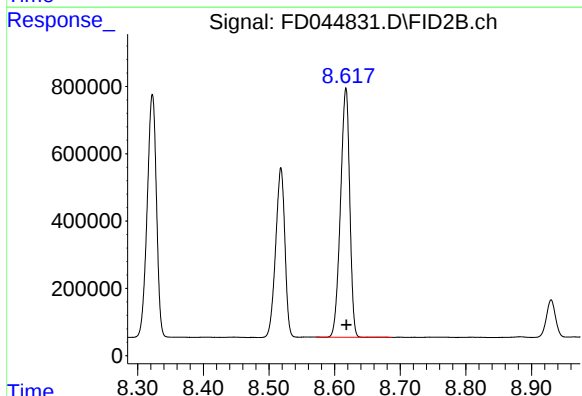
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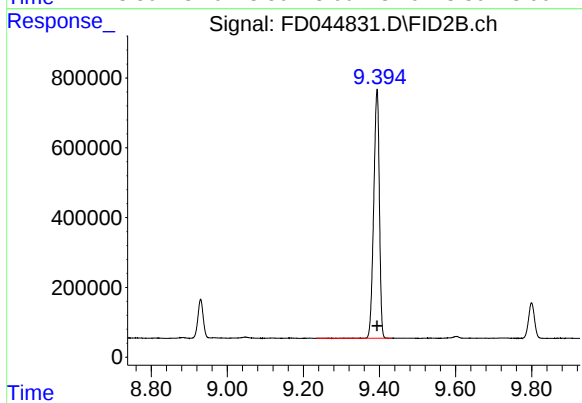
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.518 min
Delta R.T.: 0.000 min
Response: 4911542
Conc: 50.60 ug/ml



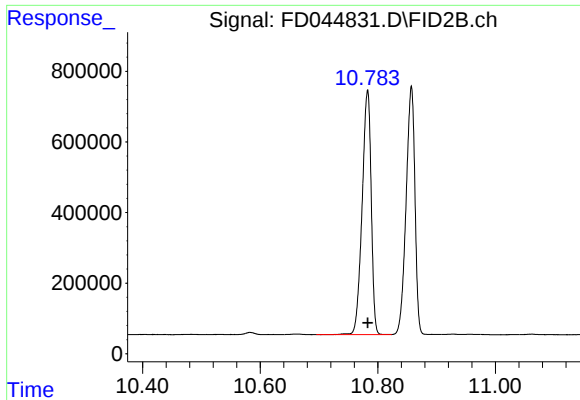
#7 Acenaphthene (C15.5)

R.T.: 8.617 min
Delta R.T.: -0.001 min
Response: 7223122
Conc: 44.56 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.393 min
Delta R.T.: 0.000 min
Response: 7342091
Conc: 46.07 ug/ml



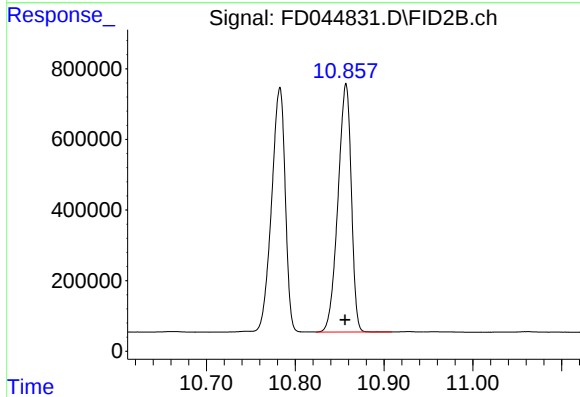
#9 Phenanthrene (C19.36)

R.T.: 10.782 min
Delta R.T.: 0.000 min
Response: 7408994
Conc: 47.21 ug/ml

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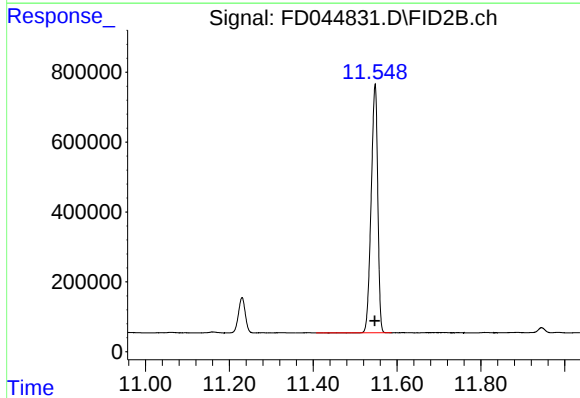
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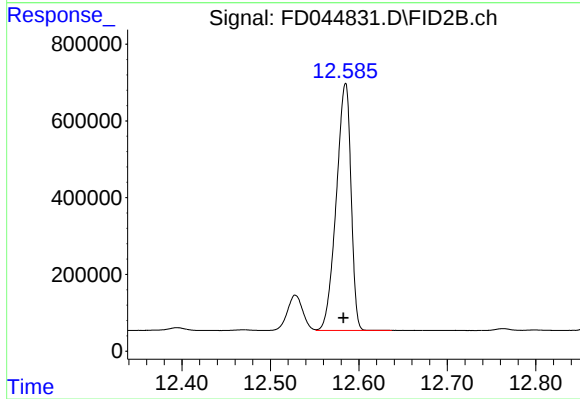
#10 Anthracene (C19.43)

R.T.: 10.857 min
Delta R.T.: 0.000 min
Response: 7315094
Conc: 58.17 ug/ml



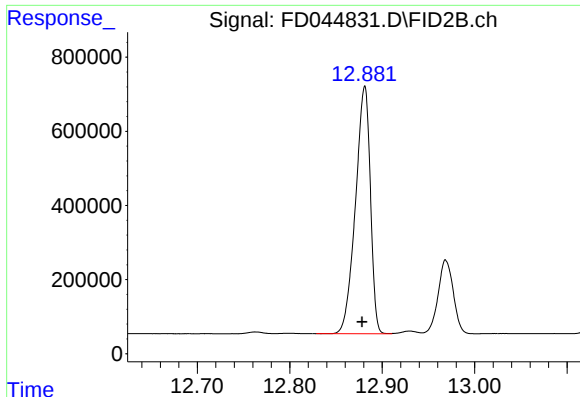
#11 ortho-Terphenyl (SURR)

R.T.: 11.547 min
Delta R.T.: 0.000 min
Response: 7753034
Conc: 43.03 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.584 min
Delta R.T.: 0.002 min
Response: 7441504
Conc: 47.39 ug/ml



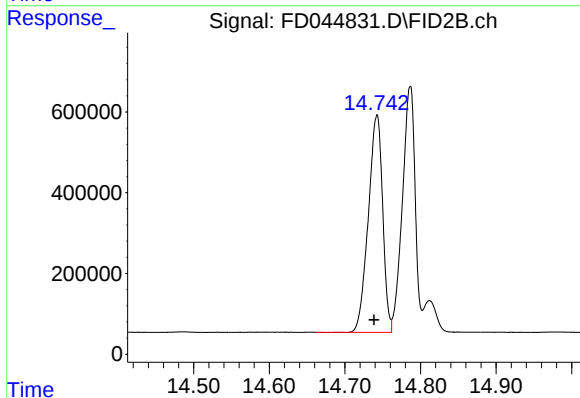
#13 Pyrene (C20.8)

R.T.: 12.881 min
Delta R.T.: 0.002 min
Response: 7476838
Conc: 48.84 ug/ml

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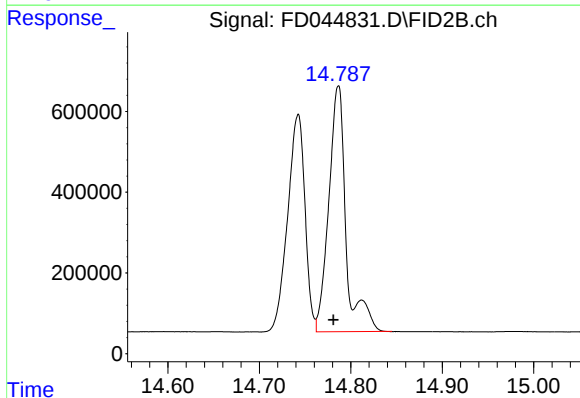
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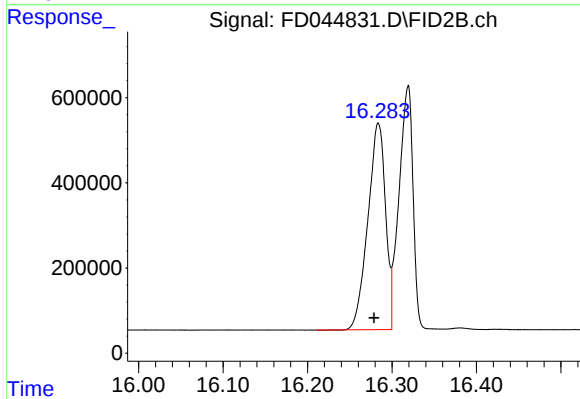
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.742 min
Delta R.T.: 0.004 min
Response: 7097829
Conc: 49.92 ug/ml



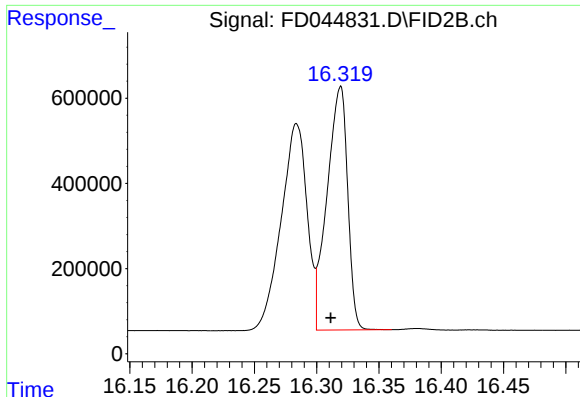
#15 Chrysene (C27.41)

R.T.: 14.787 min
Delta R.T.: 0.005 min
Response: 7967803
Conc: 52.54 ug/ml m



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

R.T.: 16.284 min
Delta R.T.: 0.005 min
Response: 7044484
Conc: 46.84 ug/ml



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

R.T.: 16.318 min
Delta R.T.: 0.007 min
Response: 6572872
Conc: 43.38 ug/ml

Instrument :

FID_D

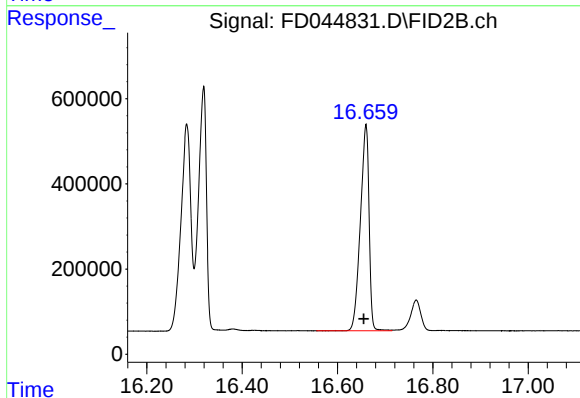
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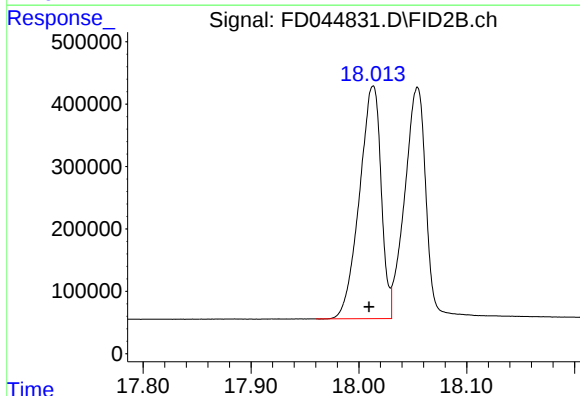
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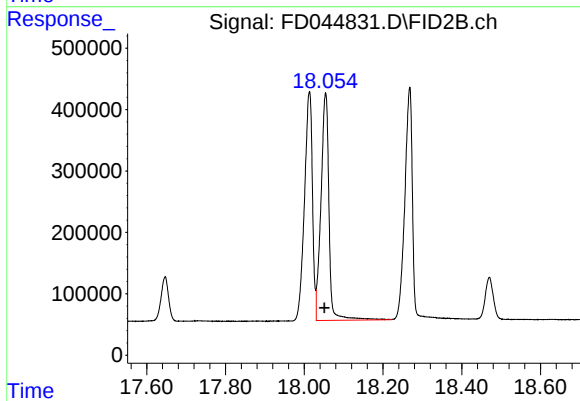
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.659 min
Delta R.T.: 0.004 min
Response: 6177325
Conc: 42.58 ug/ml



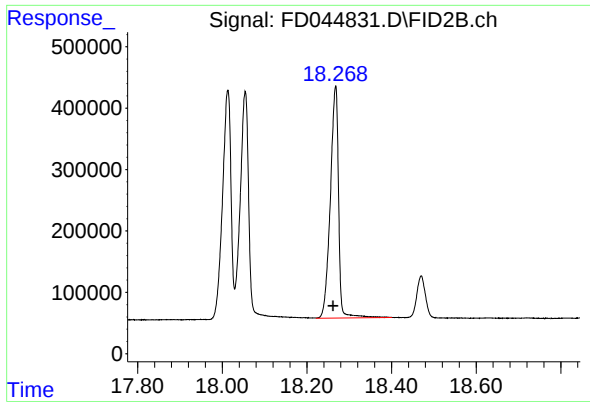
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.013 min
Delta R.T.: 0.003 min
Response: 5213677
Conc: 36.87 ug/ml



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

R.T.: 18.054 min
Delta R.T.: 0.003 min
Response: 5243654
Conc: 35.77 ug/ml



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

R.T.: 18.267 min
Delta R.T.: 0.005 min
Response: 5113658
Conc: 36.00 ug/ml

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