

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040224AR\
 Data File : FD047481.D
 Signal(s) : FID2B.ch
 Acq On : 01 Apr 2024 18:24
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Apr 01 19:51:01 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 040224.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 01 16:48:10 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...	7.459	2998787	20.059 ug/ml
Spiked Amount 50.000		Recovery =	40.12%
6) S 2-Fluorobiphenyl (SURR)	8.313	1969677	20.159 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.32%
11) S ortho-Terphenyl (SURR)	11.349	3427356	19.993 ug/ml
Spiked Amount 50.000		Recovery =	39.99%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.276	3176001	20.099 ug/ml
2) T Naphthalene (C11.7)	5.801	3284426	20.071 ug/ml
3) T 2-Methylnaphthalene (...)	6.848	3305205	20.095 ug/ml
5) T Acenaphthylene (C15.06)	8.116	3028867	20.067 ug/ml
7) T Acenaphthene (C15.5)	8.411	3204882	20.010 ug/ml
8) T Flouorene (C16.55)	9.189	3097670	20.024 ug/ml
9) T Phenanthrene (C19.36)	10.578	3004141	20.192 ug/ml
10) T Anthracene (C19.43)	10.652	2705488	19.892 ug/ml
12) T Fluoranthene (C21.85)	12.382	2964178	20.051 ug/ml
13) T Pyrene (C20.8)	12.675	2887306	20.006 ug/ml
14) T Benzo[a]anthracene (C...	14.540	2619409	19.918 ug/ml
15) T Chrysene (C27.41)	14.582	2791213	19.794 ug/ml
16) T benzo[b]fluoranthene ...	16.084	2771121	19.863 ug/ml
17) T Bnezo[k]fluoranthene ...	16.115	2780159	19.988 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.459	2732366	19.900 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.820	2666987	19.772 ug/ml
20) T Dibenz[a,h]anthracene...	17.860	2695718	20.058 ug/ml
21) T Benzo[g,h,i]perylene ...	18.072	2756502	19.861 ug/ml

(f)=RT Delta > 1/2 Window

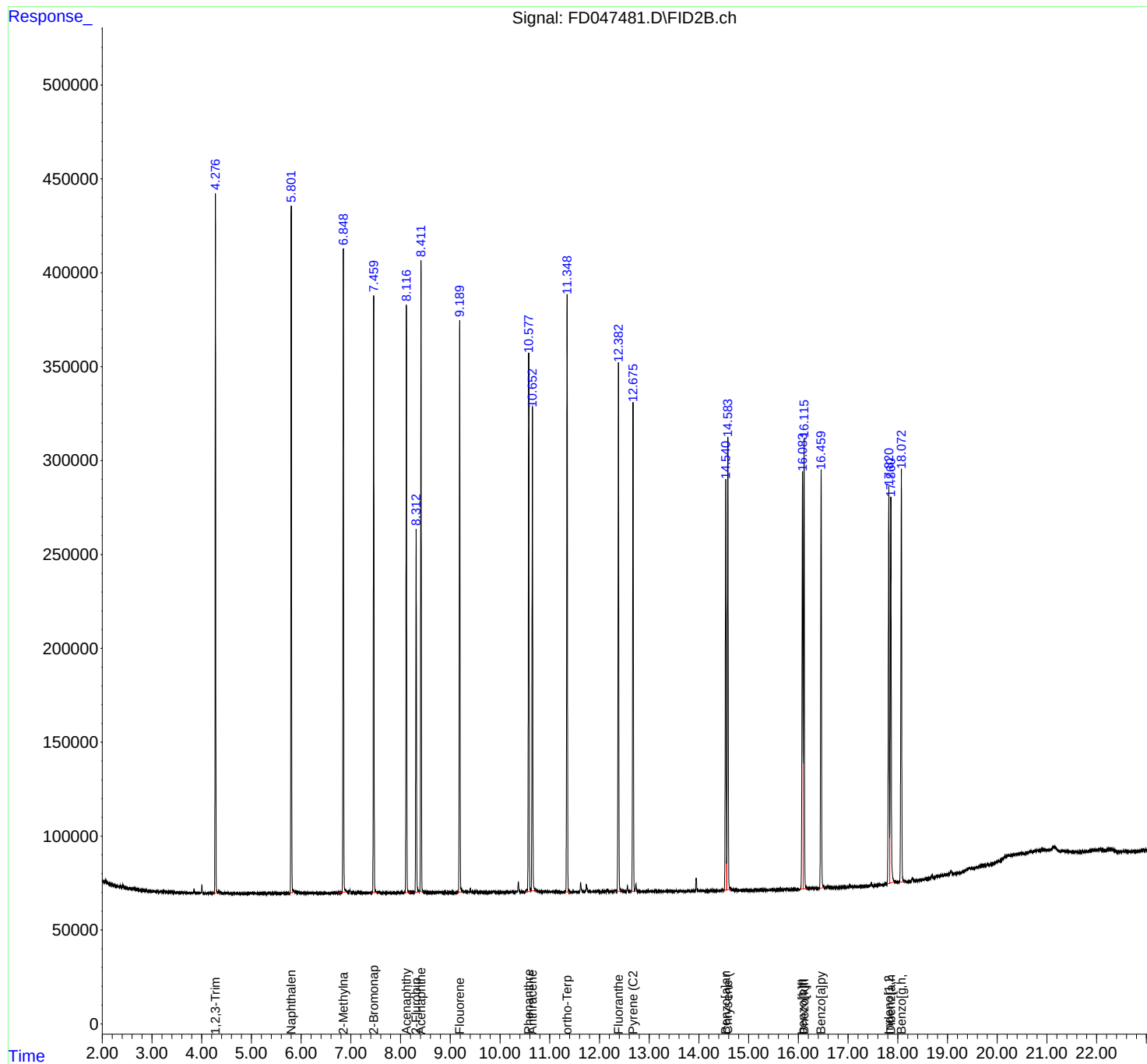
(m)=manual int.

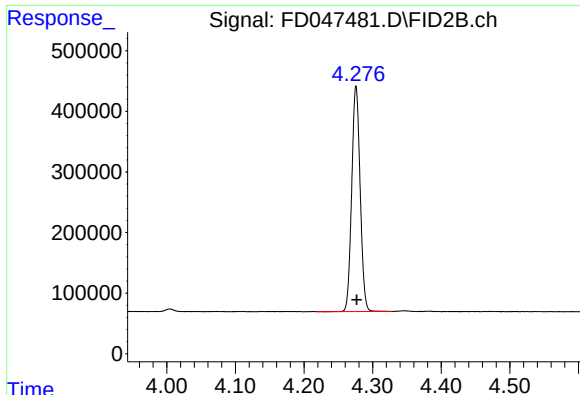
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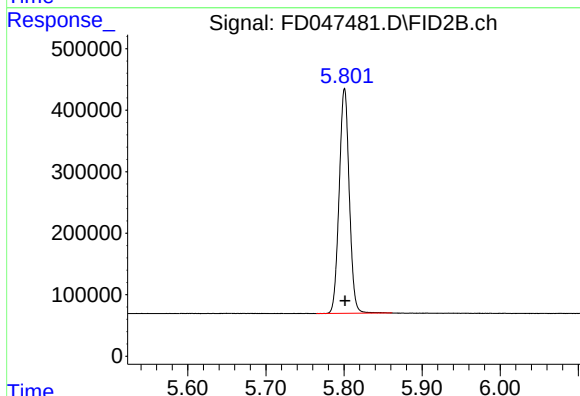




#1 1,2,3-Trimethylbenzene (C10.1)

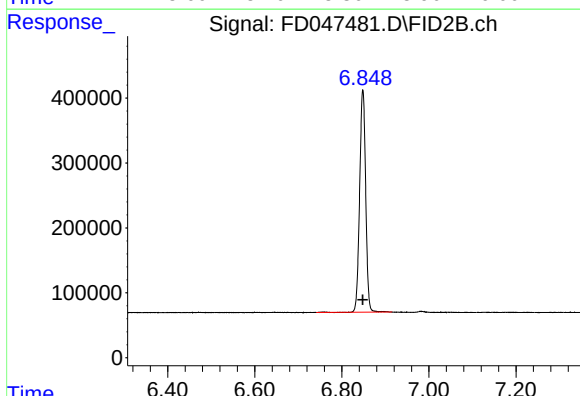
R.T.: 4.276 min
Delta R.T.: -0.001 min
Response: 3176001
Conc: 20.10 ug/ml

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FID_D
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20 PPM AROMATIC HC STD



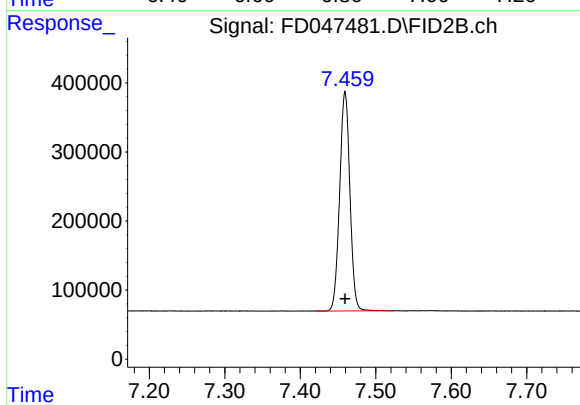
#2 Naphthalene (C11.7)

R.T.: 5.801 min
Delta R.T.: 0.000 min
Response: 3284426
Conc: 20.07 ug/ml



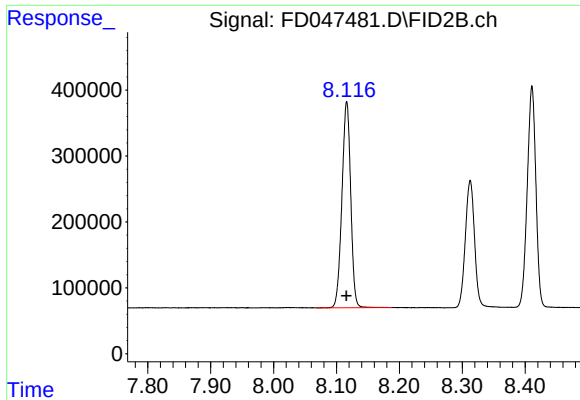
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.848 min
Delta R.T.: 0.000 min
Response: 3305205
Conc: 20.09 ug/ml



#4 2-Bromonaphthalene (SURR)

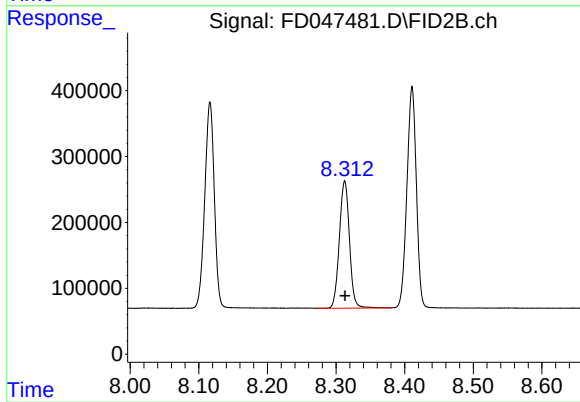
R.T.: 7.459 min
Delta R.T.: 0.000 min
Response: 2998787
Conc: 20.06 ug/ml



#5 Acenaphthylene (C15.06)

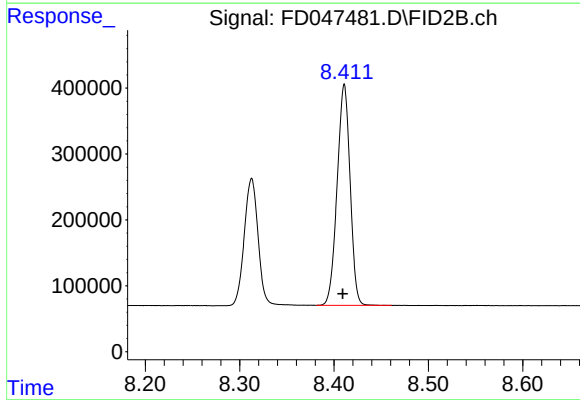
R.T.: 8.116 min
Delta R.T.: 0.000 min
Response: 3028867
Conc: 20.07 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



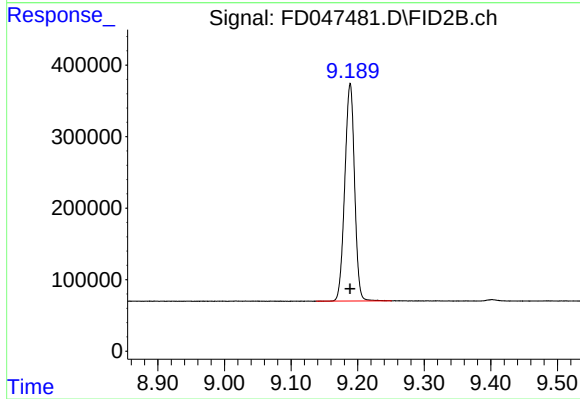
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.313 min
Delta R.T.: 0.000 min
Response: 1969677
Conc: 20.16 ug/ml



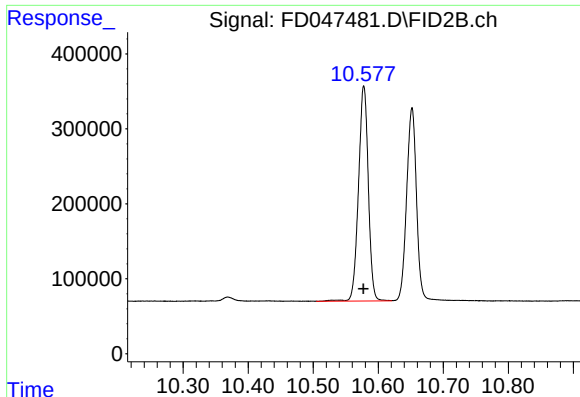
#7 Acenaphthene (C15.5)

R.T.: 8.411 min
Delta R.T.: 0.001 min
Response: 3204882
Conc: 20.01 ug/ml



#8 Fluorene (C16.55)

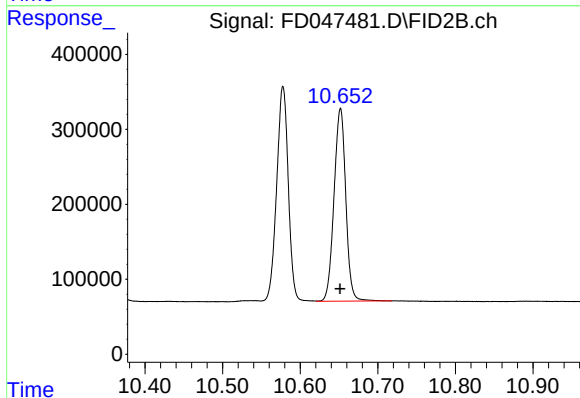
R.T.: 9.189 min
Delta R.T.: 0.000 min
Response: 3097670
Conc: 20.02 ug/ml



#9 Phenanthrene (C19.36)

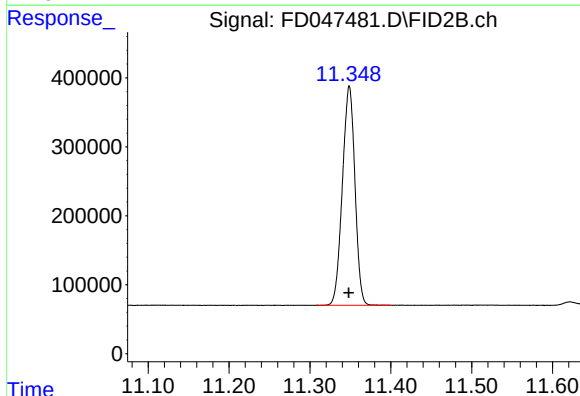
R.T.: 10.578 min
Delta R.T.: 0.000 min
Response: 3004141
Conc: 20.19 ug/ml

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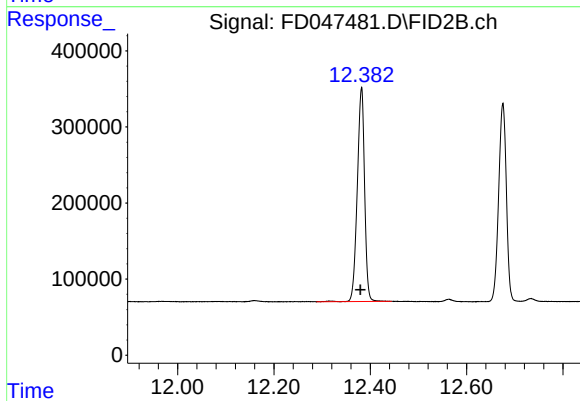
#10 Anthracene (C19.43)

R.T.: 10.652 min
Delta R.T.: 0.000 min
Response: 2705488
Conc: 19.89 ug/ml



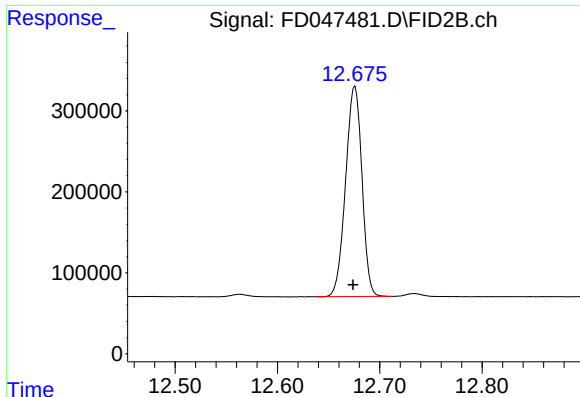
#11 ortho-Terphenyl (SURR)

R.T.: 11.349 min
Delta R.T.: 0.000 min
Response: 3427356
Conc: 19.99 ug/ml



#12 Fluoranthene (C21.85)

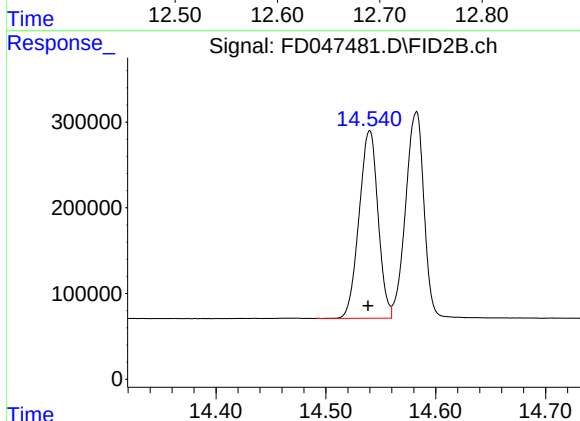
R.T.: 12.382 min
Delta R.T.: 0.002 min
Response: 2964178
Conc: 20.05 ug/ml



#13 Pyrene (C20.8)

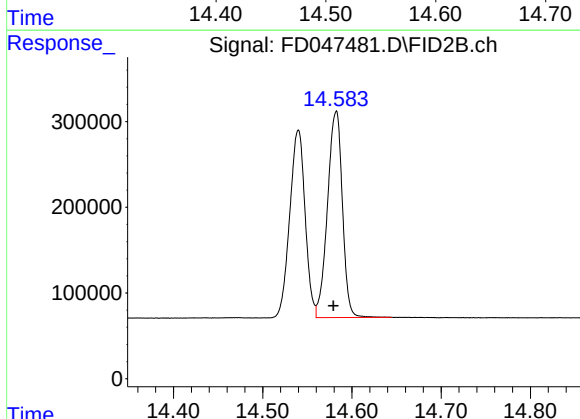
R.T.: 12.675 min
Delta R.T.: 0.002 min
Response: 2887306
Conc: 20.01 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



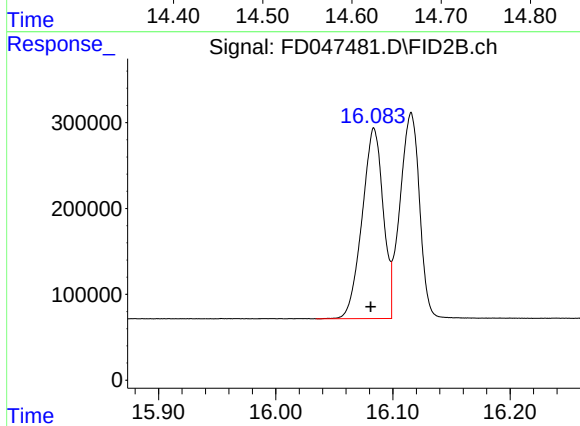
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.540 min
Delta R.T.: 0.001 min
Response: 2619409
Conc: 19.92 ug/ml



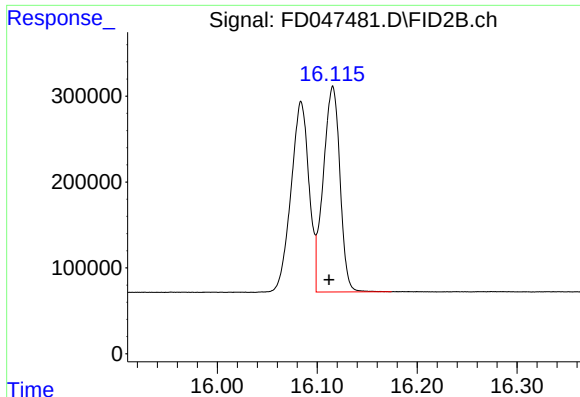
#15 Chrysene (C27.41)

R.T.: 14.582 min
Delta R.T.: 0.003 min
Response: 2791213
Conc: 19.79 ug/ml



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

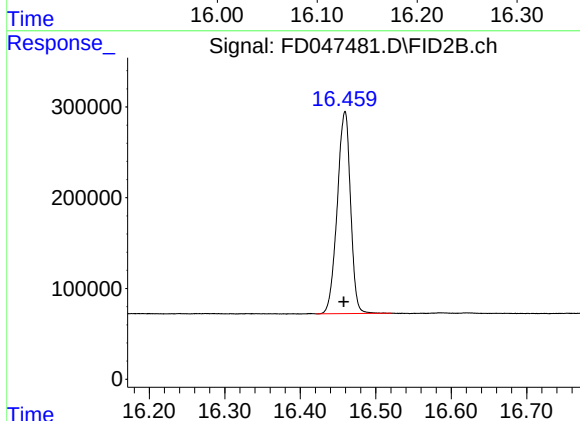
R.T.: 16.084 min
Delta R.T.: 0.003 min
Response: 2771121
Conc: 19.86 ug/ml



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

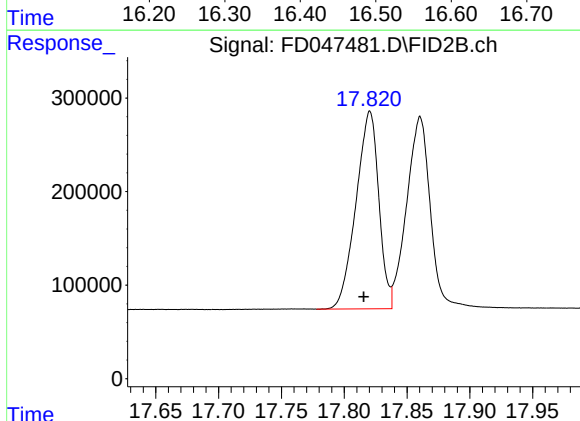
R.T.: 16.115 min
Delta R.T.: 0.003 min
Response: 2780159
Conc: 19.99 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



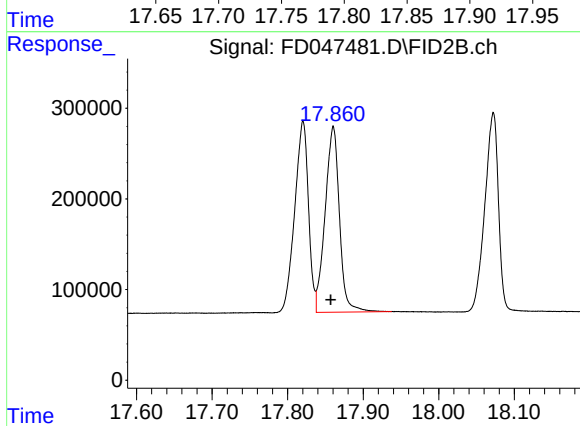
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.459 min
Delta R.T.: 0.001 min
Response: 2732366
Conc: 19.90 ug/ml



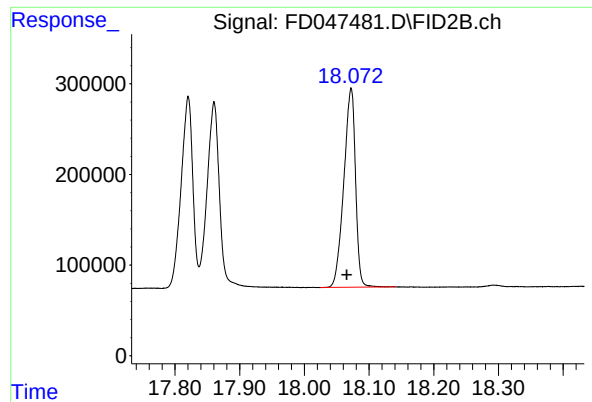
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.820 min
Delta R.T.: 0.005 min
Response: 2666987
Conc: 19.77 ug/ml



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

R.T.: 17.860 min
Delta R.T.: 0.003 min
Response: 2695718
Conc: 20.06 ug/ml



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

R.T.: 18.072 min
Delta R.T.: 0.006 min
Response: 2756502
Conc: 19.86 ug/ml

Instrument :

FID_D

ClientSampleId :

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