

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121423AR\
 Data File : FD047042.D
 Signal(s) : FID2B.ch
 Acq On : 15 Dec 2023 01:02
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Dec 15 02:24:40 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 112423.M
 Quant Title : GC Extractables
 QLast Update : Fri Nov 24 13:30:33 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...	7.471	3644677	21.067 ug/ml
Spiked Amount 50.000		Recovery =	42.13%
6) S 2-Fluorobiphenyl (SURR)	8.324	2284715	21.010 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.02%
11) S ortho-Terphenyl (SURR)	11.361	4243742	21.326 ug/ml
Spiked Amount 50.000		Recovery =	42.65%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.287	3948471	21.221 ug/ml
2) T Naphthalene (C11.7)	5.811	4013710	21.077 ug/ml
3) T 2-Methylnaphthalene (...)	6.859	4017987	20.865 ug/ml
5) T Acenaphthylene (C15.06)	8.128	3674510	21.109 ug/ml
7) T Acenaphthene (C15.5)	8.422	3919829	21.137 ug/ml
8) T Flouorene (C16.55)	9.200	3634456	21.056 ug/ml
9) T Phenanthrene (C19.36)	10.589	3422219	20.844 ug/ml
10) T Anthracene (C19.43)	10.662	3124174	20.203 ug/ml
12) T Fluoranthene (C21.85)	12.391	3298620	20.812 ug/ml
13) T Pyrene (C20.8)	12.685	3215041	21.013 ug/ml
14) T Benzo[a]anthracene (C...	14.548	2586639	19.949 ug/ml
15) T Chrysene (C27.41)	14.590	2886438	20.138 ug/ml
16) T benzo[b]fluoranthene ...	16.089	2757075	20.642 ug/ml
17) T Bnezo[k]fluoranthene ...	16.121	2785067	20.385 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.463	2655195	20.267 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.821	2254350	18.893 ug/ml
20) T Dibenz[a,h]anthracene...	17.861	2288977	17.616 ug/ml
21) T Benzo[g,h,i]perylene ...	18.072	2660766	20.336 ug/ml

(f)=RT Delta > 1/2 Window

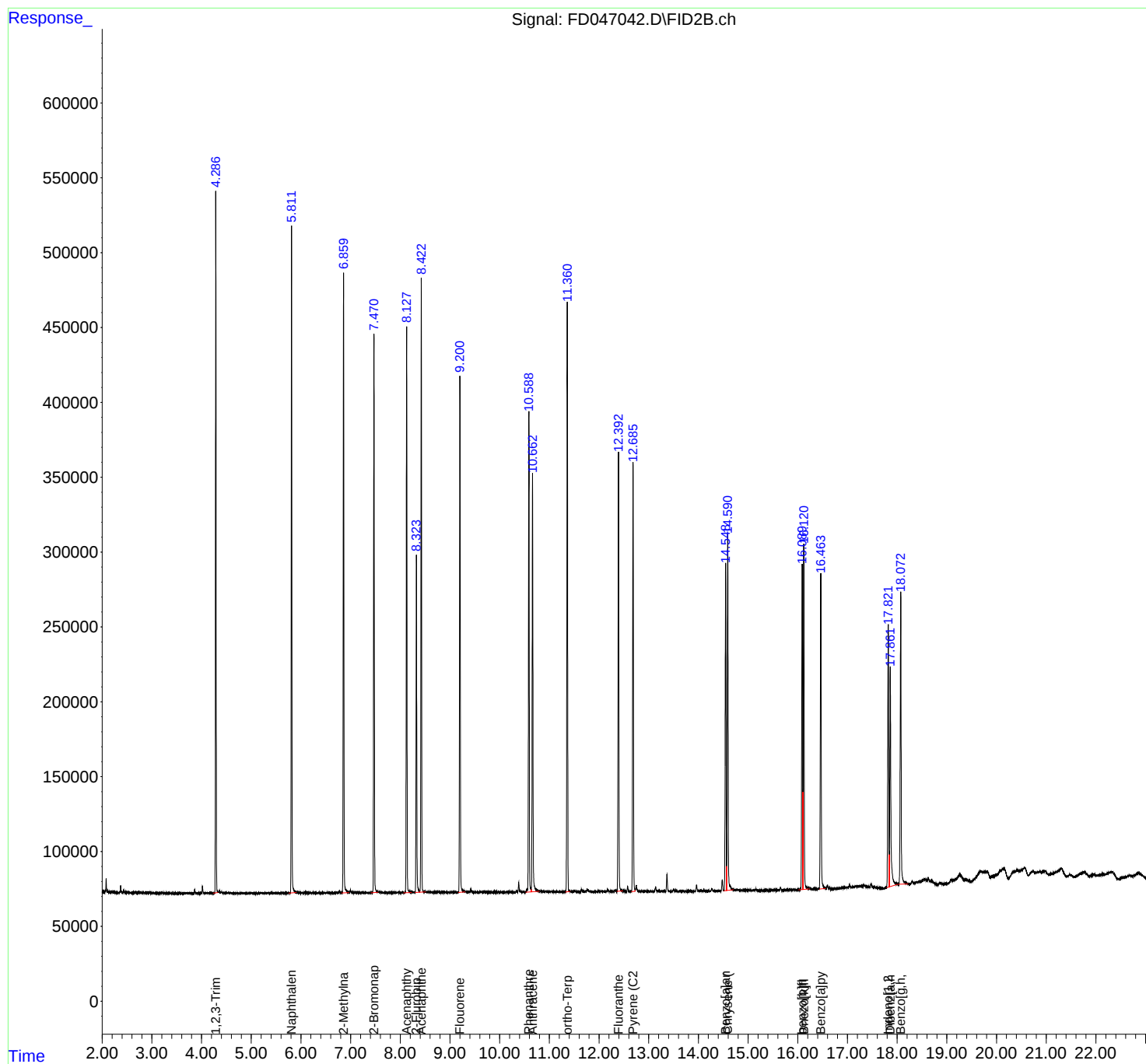
(m)=manual int.

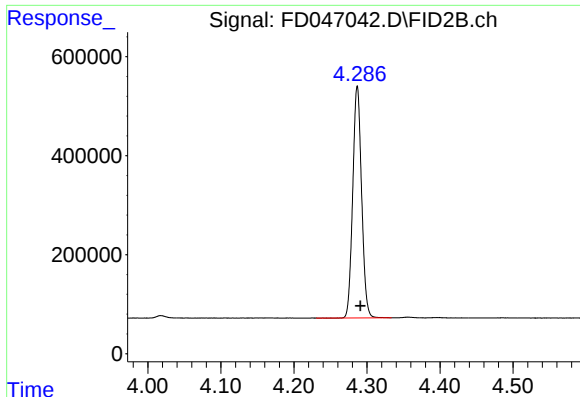
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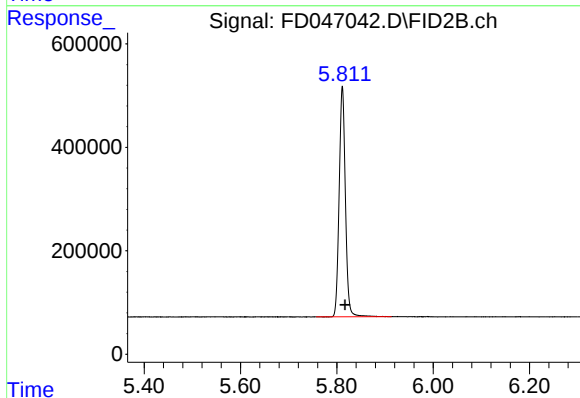




#1 1,2,3-Trimethylbenzene (C10.1)

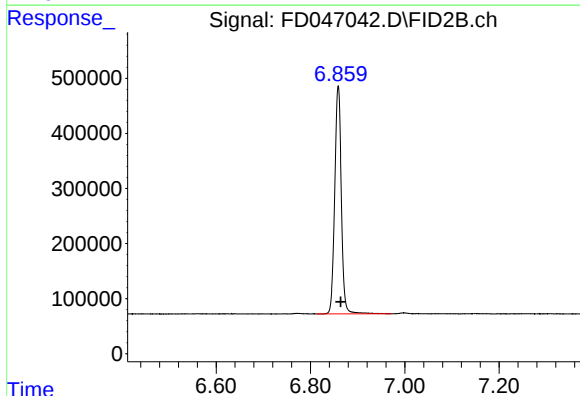
R.T.: 4.287 min
Delta R.T.: -0.004 min
Response: 3948471
Conc: 21.22 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



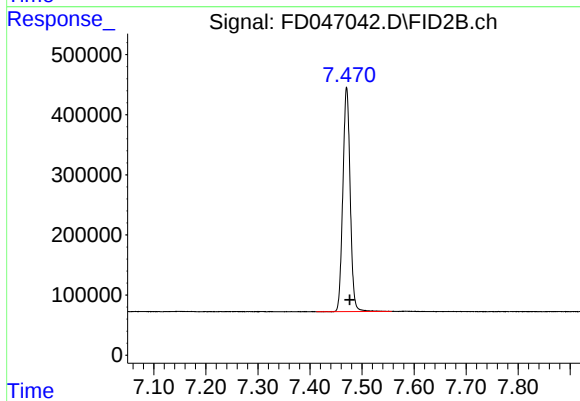
#2 Naphthalene (C11.7)

R.T.: 5.811 min
Delta R.T.: -0.005 min
Response: 4013710
Conc: 21.08 ug/ml



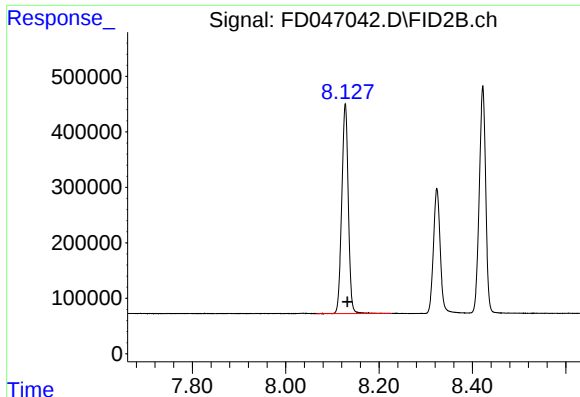
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.859 min
Delta R.T.: -0.006 min
Response: 4017987
Conc: 20.86 ug/ml



#4 2-Bromonaphthalene (SURR)

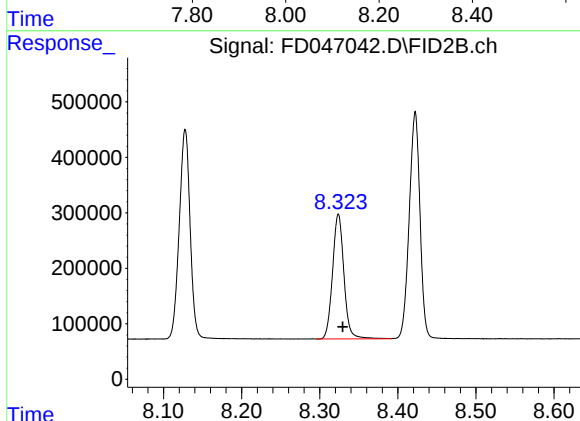
R.T.: 7.471 min
Delta R.T.: -0.006 min
Response: 3644677
Conc: 21.07 ug/ml



#5 Acenaphthylene (C15.06)

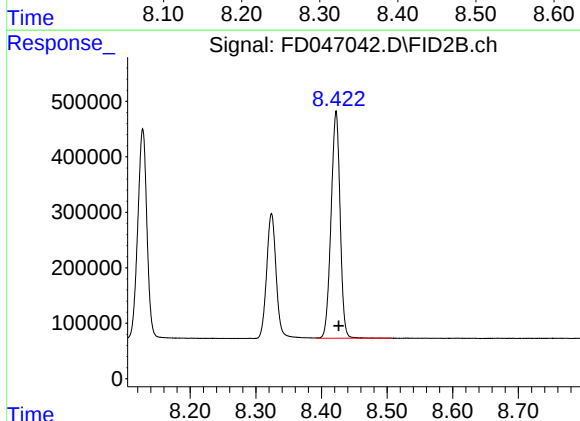
R.T.: 8.128 min
Delta R.T.: -0.005 min
Response: 3674510
Conc: 21.11 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



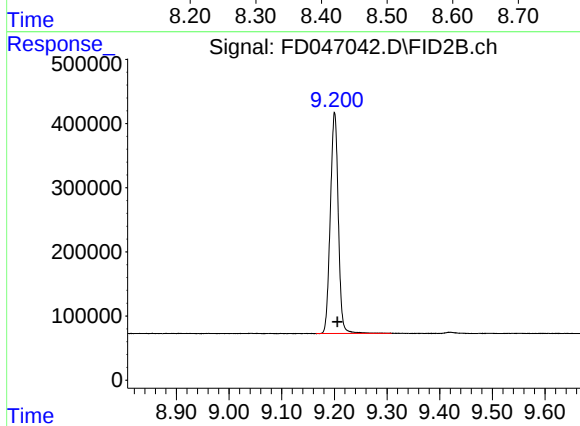
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.324 min
Delta R.T.: -0.006 min
Response: 2284715
Conc: 21.01 ug/ml



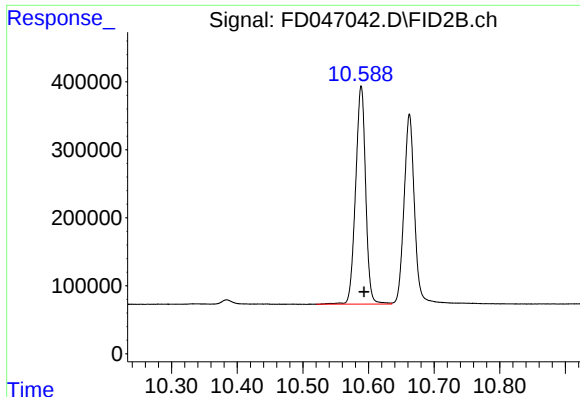
#7 Acenaphthene (C15.5)

R.T.: 8.422 min
Delta R.T.: -0.004 min
Response: 3919829
Conc: 21.14 ug/ml



#8 Fluorene (C16.55)

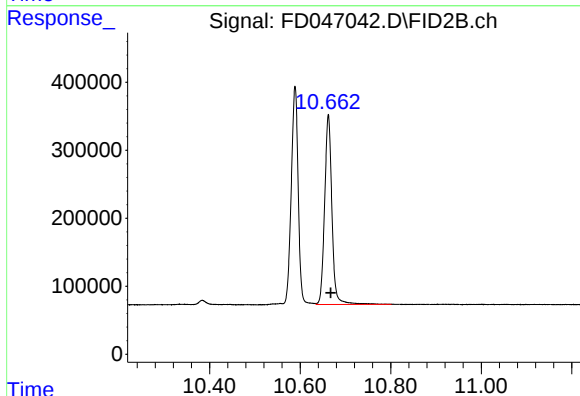
R.T.: 9.200 min
Delta R.T.: -0.006 min
Response: 3634456
Conc: 21.06 ug/ml



#9 Phenanthrene (C19.36)

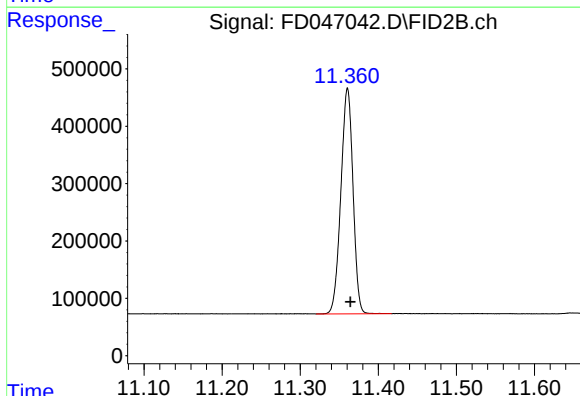
R.T.: 10.589 min
Delta R.T.: -0.004 min
Response: 3422219
Conc: 20.84 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



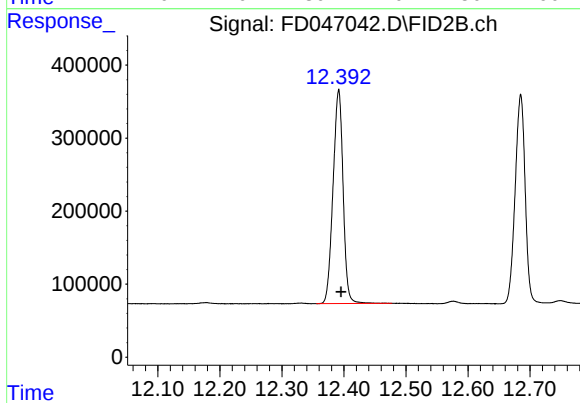
#10 Anthracene (C19.43)

R.T.: 10.662 min
Delta R.T.: -0.006 min
Response: 3124174
Conc: 20.20 ug/ml



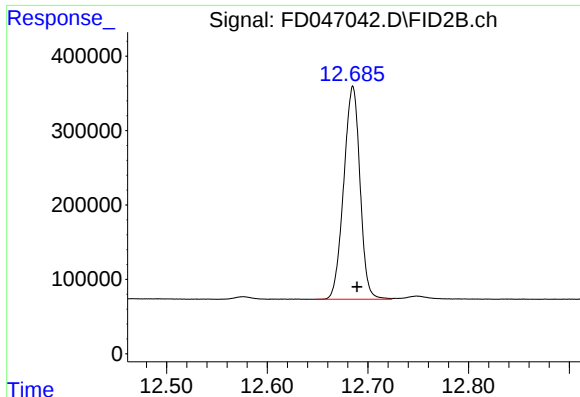
#11 ortho-Terphenyl (SURR)

R.T.: 11.361 min
Delta R.T.: -0.004 min
Response: 4243742
Conc: 21.33 ug/ml



#12 Fluoranthene (C21.85)

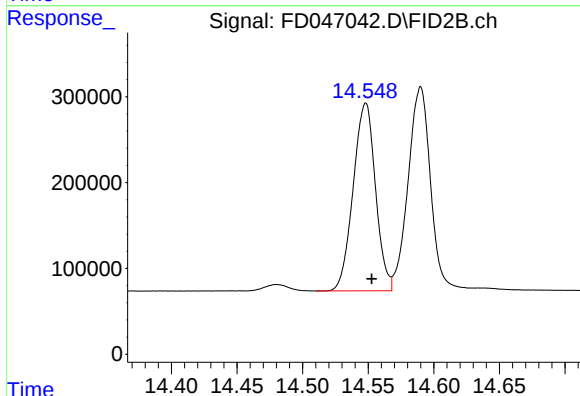
R.T.: 12.391 min
Delta R.T.: -0.004 min
Response: 3298620
Conc: 20.81 ug/ml



#13 Pyrene (C20.8)

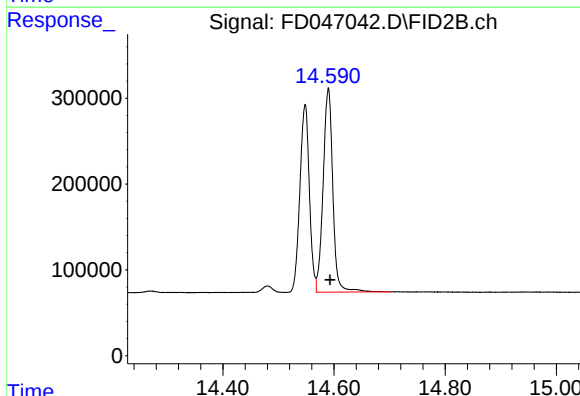
R.T.: 12.685 min
Delta R.T.: -0.004 min
Response: 3215041
Conc: 21.01 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



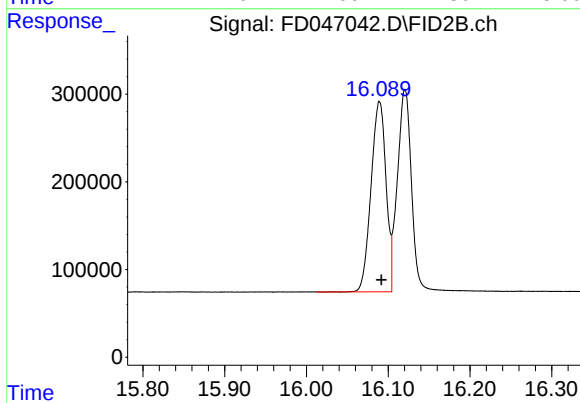
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.548 min
Delta R.T.: -0.005 min
Response: 2586639
Conc: 19.95 ug/ml



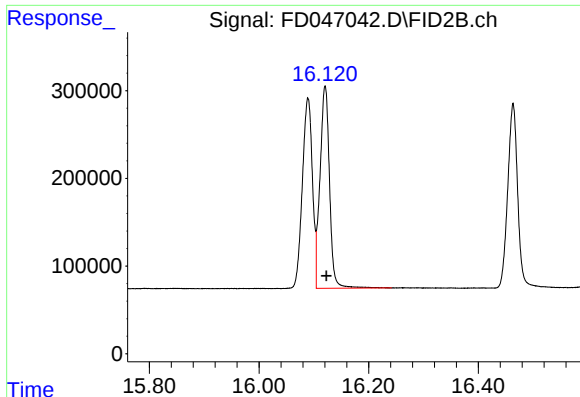
#15 Chrysene (C27.41)

R.T.: 14.590 min
Delta R.T.: -0.003 min
Response: 2886438
Conc: 20.14 ug/ml



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

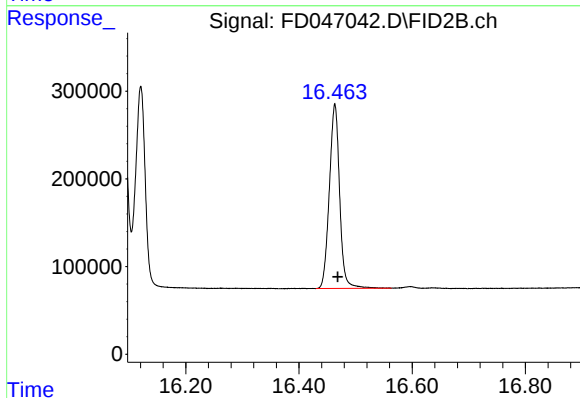
R.T.: 16.089 min
Delta R.T.: -0.003 min
Response: 2757075
Conc: 20.64 ug/ml



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

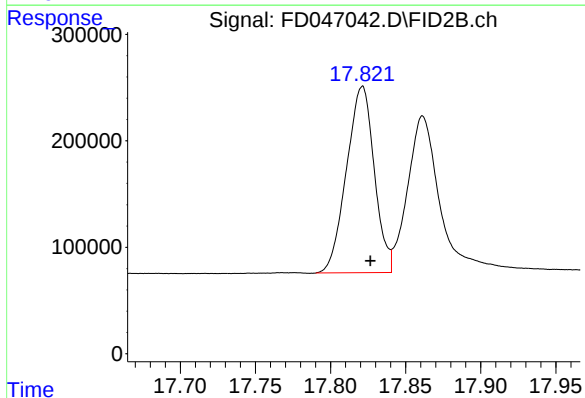
R.T.: 16.121 min
Delta R.T.: -0.002 min
Response: 2785067
Conc: 20.38 ug/ml

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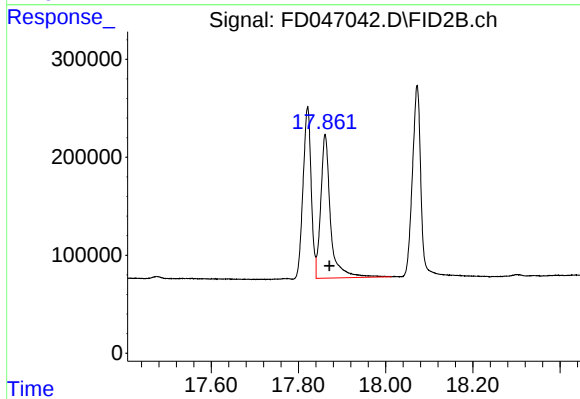
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.463 min
Delta R.T.: -0.006 min
Response: 2655195
Conc: 20.27 ug/ml



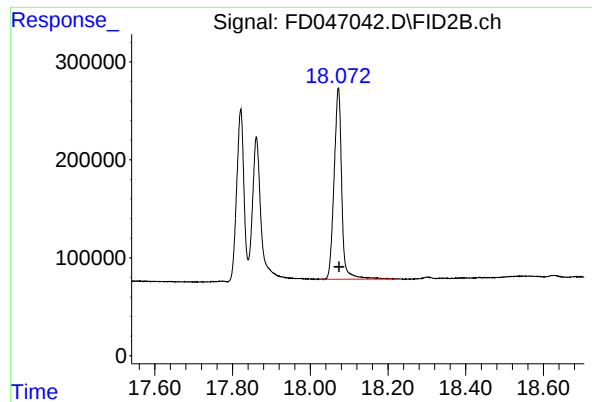
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.821 min
Delta R.T.: -0.006 min
Response: 2254350
Conc: 18.89 ug/ml



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

R.T.: 17.861 min
Delta R.T.: -0.010 min
Response: 2288977
Conc: 17.62 ug/ml



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

R.T.: 18.072 min
Delta R.T.: -0.002 min
Response: 2660766
Conc: 20.34 ug/ml

Instrument :

FID_D

ClientSampleId :

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