

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081522AR\
 Data File : FD043589.D
 Signal(s) : FID2B.ch
 Acq On : 15 Aug 2022 12:41
 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: Aug 16 02:43:48 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 072522.M
 Quant Title : GC Extractables
 QLast Update : Mon Aug 08 16:58:49 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...	7.612	2861882	20.232 ug/ml
Spiked Amount 50.000		Recovery =	40.46%
6) S 2-Fluorobiphenyl (SURR)	8.477	1865087	19.619 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.24%
11) S ortho-Terphenyl (SURR)	11.522	3157366	18.629 ug/ml
Spiked Amount 50.000		Recovery =	37.26%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.408	3335931	21.270 ug/ml
2) T Naphthalene (C11.7)	5.948	3335482	20.629 ug/ml
3) T 2-Methylnaphthalene (...)	7.001	3008502	20.547 ug/ml
5) T Acenaphthylene (C15.06)	8.278	3159937	19.465 ug/ml
7) T Acenaphthene (C15.5)	8.575	3177260	19.652 ug/ml
8) T Flouorene (C16.55)	9.357	3039826	19.399 ug/ml
9) T Phenanthrene (C19.36)	10.756	2914338	18.595 ug/ml
10) T Anthracene (C19.43)	10.830	2843808	18.464 ug/ml
12) T Fluoranthene (C21.85)	12.569	2835252	17.901 ug/ml
13) T Pyrene (C20.8)	12.867	2777821	17.675 ug/ml
14) T Benzo[a]anthracene (C...	14.741	2714767	18.401 ug/ml
15) T Chrysene (C27.41)	14.782	2806396	17.960 ug/ml
16) T benzo[b]fluoranthene ...	16.294	2897791	19.372 ug/ml
17) T Bnezo[k]fluoranthene ...	16.326	2835538	18.897 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.672	2782747	19.687 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.039	2533114	21.433 ug/ml
20) T Dibenz[a,h]anthracene...	18.078	2854028	20.121 ug/ml
21) T Benzo[g,h,i]perylene ...	18.295	2776173	21.348 ug/ml

(f)=RT Delta > 1/2 Window

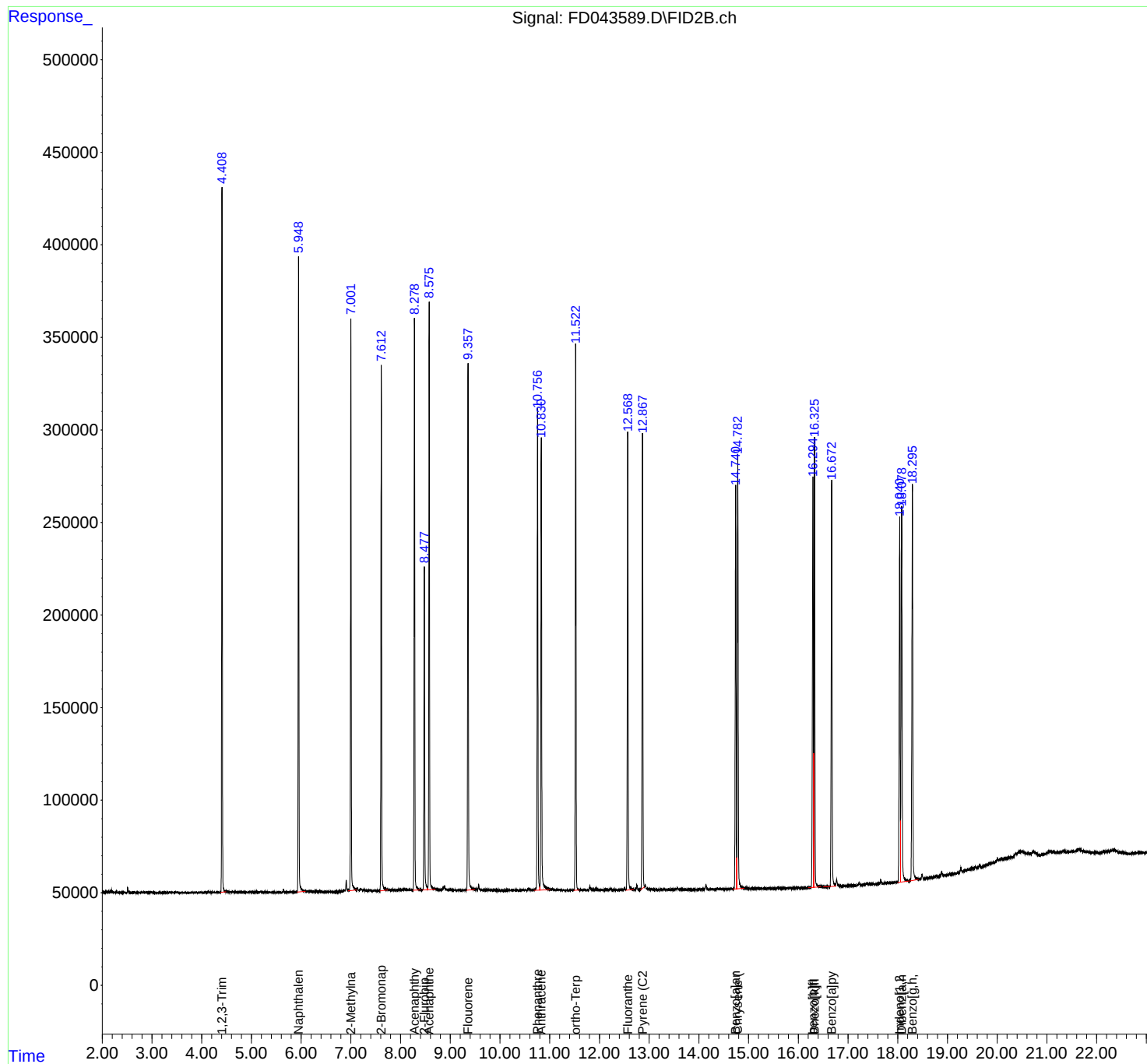
(m)=manual int.

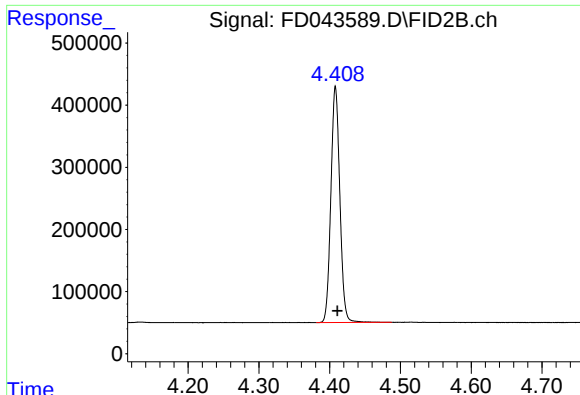
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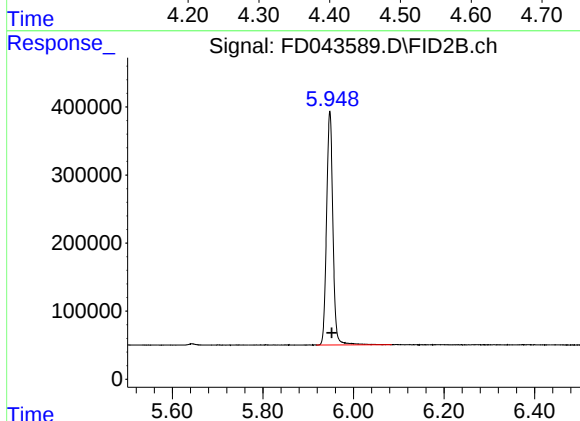




#1 1,2,3-Trimethylbenzene (C10.1)

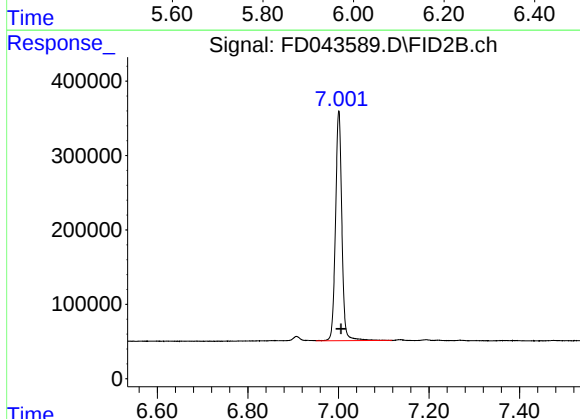
R.T.: 4.408 min
Delta R.T.: -0.003 min
Response: 3335931
Conc: 21.27 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



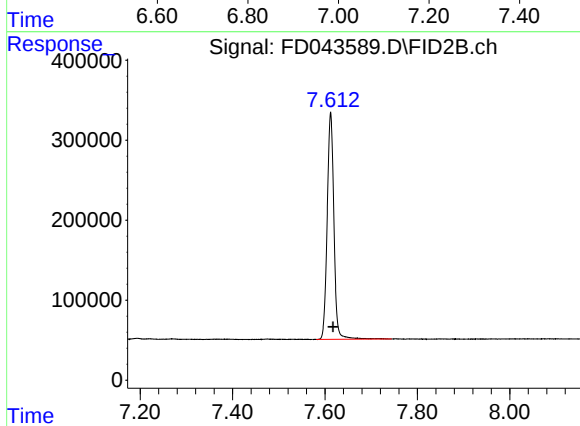
#2 Naphthalene (C11.7)

R.T.: 5.948 min
Delta R.T.: -0.005 min
Response: 3335482
Conc: 20.63 ug/ml



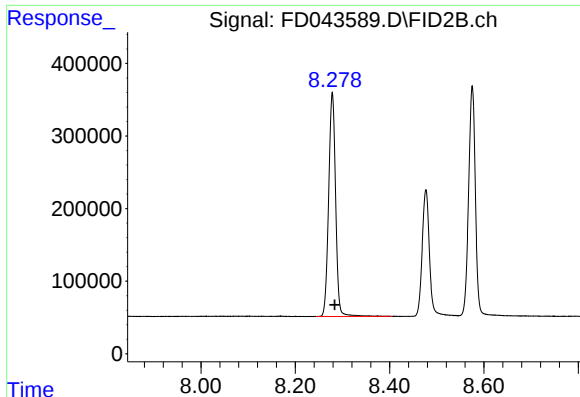
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.001 min
Delta R.T.: -0.005 min
Response: 3008502
Conc: 20.55 ug/ml



#4 2-Bromonaphthalene (SURR)

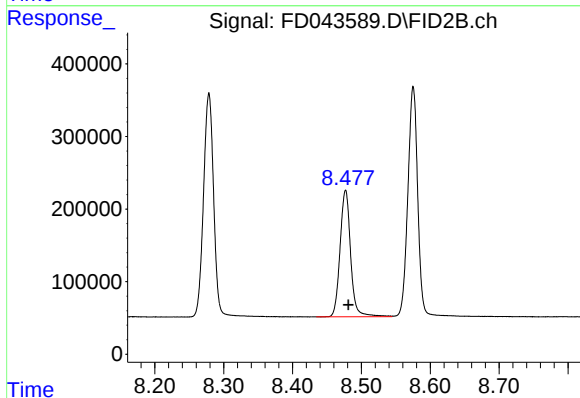
R.T.: 7.612 min
Delta R.T.: -0.005 min
Response: 2861882
Conc: 20.23 ug/ml



#5 Acenaphthylene (C15.06)

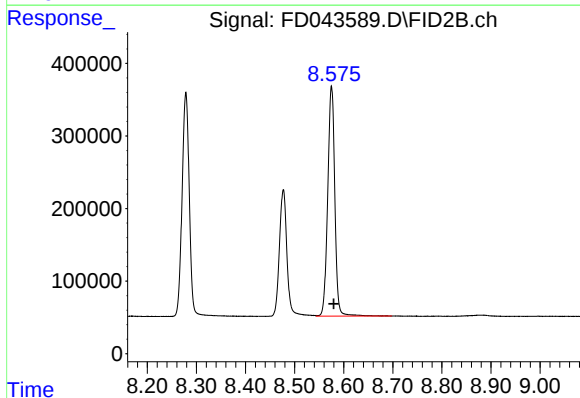
R.T.: 8.278 min
Delta R.T.: -0.005 min
Response: 3159937
Conc: 19.47 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



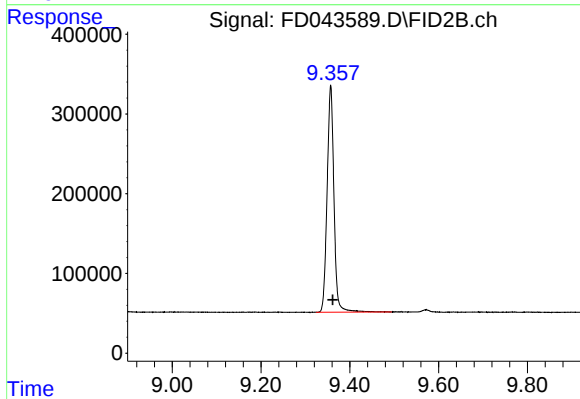
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.477 min
Delta R.T.: -0.004 min
Response: 1865087
Conc: 19.62 ug/ml



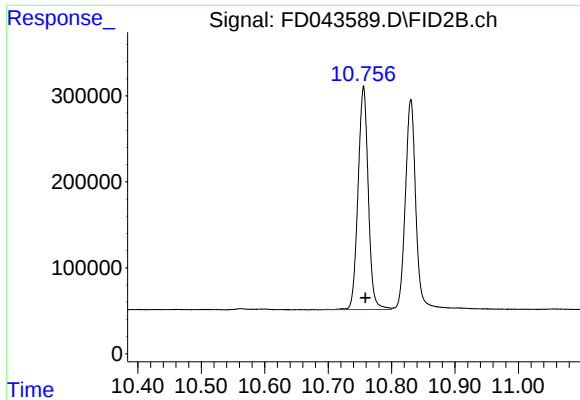
#7 Acenaphthene (C15.5)

R.T.: 8.575 min
Delta R.T.: -0.005 min
Response: 3177260
Conc: 19.65 ug/ml



#8 Flouorene (C16.55)

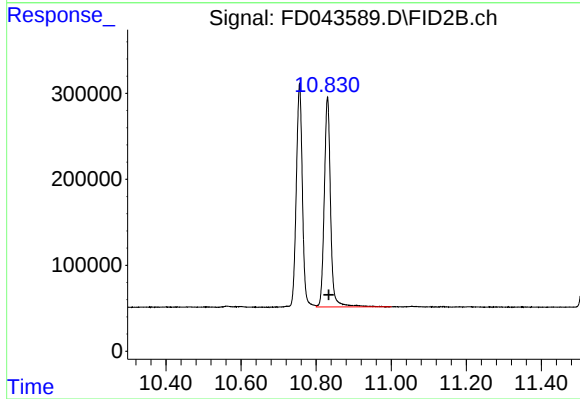
R.T.: 9.357 min
Delta R.T.: -0.005 min
Response: 3039826
Conc: 19.40 ug/ml



#9 Phenanthrene (C19.36)

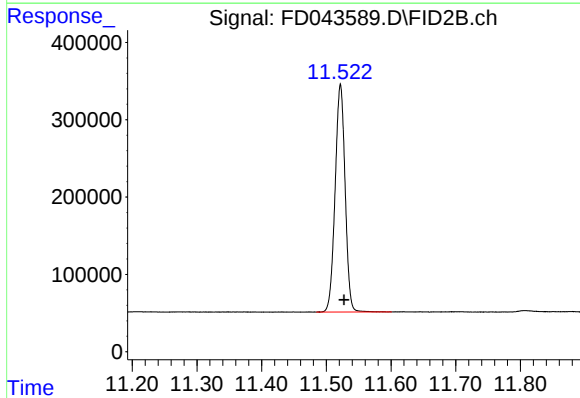
R.T.: 10.756 min
Delta R.T.: -0.003 min
Response: 2914338
Conc: 18.60 ug/ml

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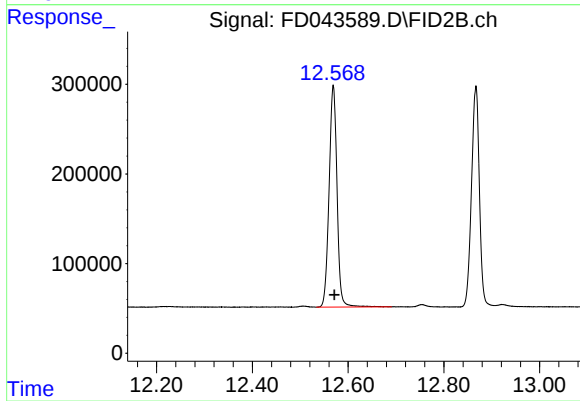
#10 Anthracene (C19.43)

R.T.: 10.830 min
Delta R.T.: -0.003 min
Response: 2843808
Conc: 18.46 ug/ml



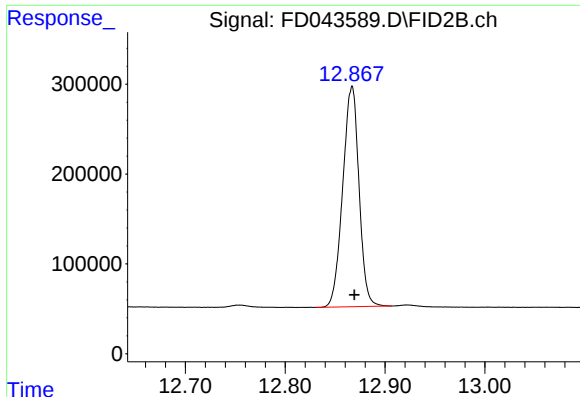
#11 ortho-Terphenyl (SURR)

R.T.: 11.522 min
Delta R.T.: -0.005 min
Response: 3157366
Conc: 18.63 ug/ml



#12 Fluoranthene (C21.85)

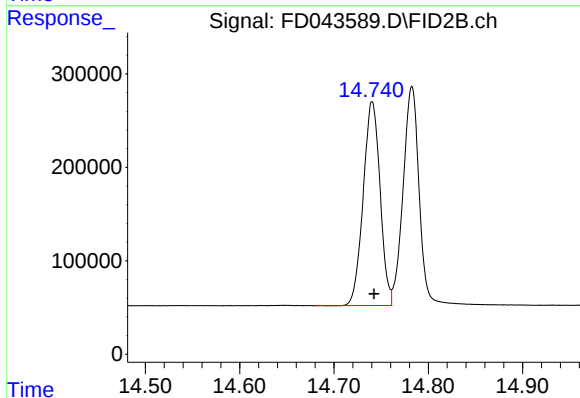
R.T.: 12.569 min
Delta R.T.: -0.003 min
Response: 2835252
Conc: 17.90 ug/ml



#13 Pyrene (C20.8)

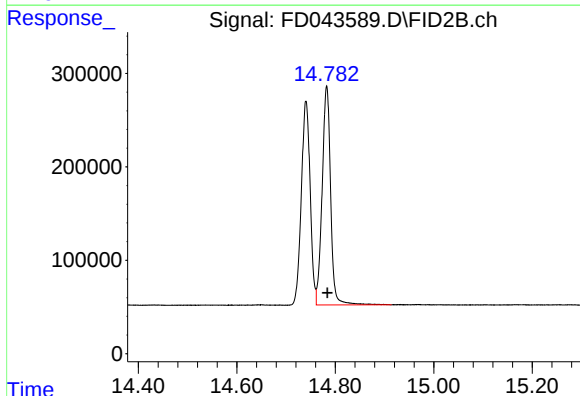
R.T.: 12.867 min
Delta R.T.: -0.003 min
Response: 2777821
Conc: 17.68 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



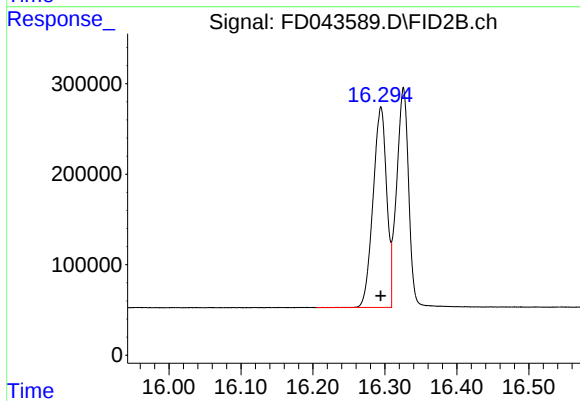
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.741 min
Delta R.T.: -0.002 min
Response: 2714767
Conc: 18.40 ug/ml



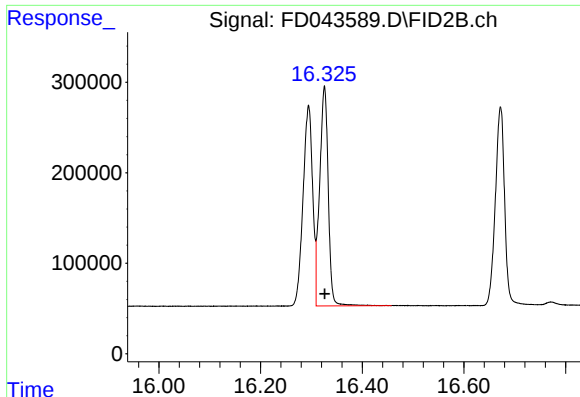
#15 Chrysene (C27.41)

R.T.: 14.782 min
Delta R.T.: -0.002 min
Response: 2806396
Conc: 17.96 ug/ml



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

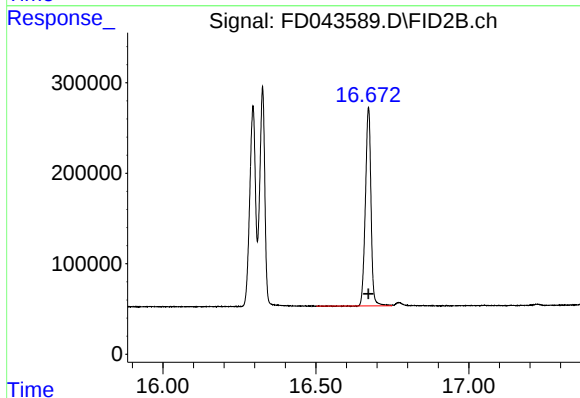
R.T.: 16.294 min
Delta R.T.: 0.000 min
Response: 2897791
Conc: 19.37 ug/ml



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

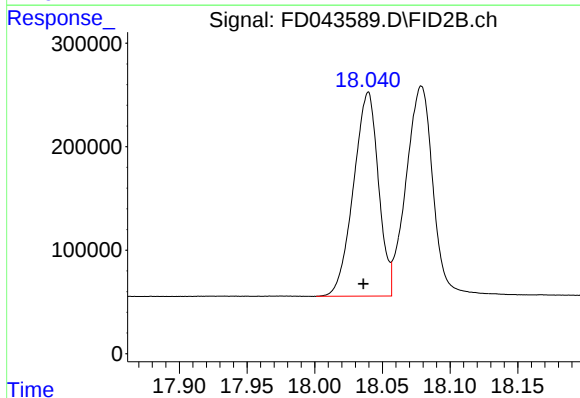
R.T.: 16.326 min
Delta R.T.: 0.000 min
Response: 2835538
Conc: 18.90 ug/ml

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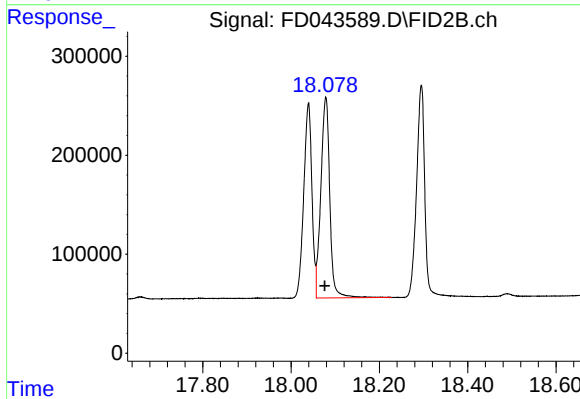
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.672 min
Delta R.T.: 0.000 min
Response: 2782747
Conc: 19.69 ug/ml



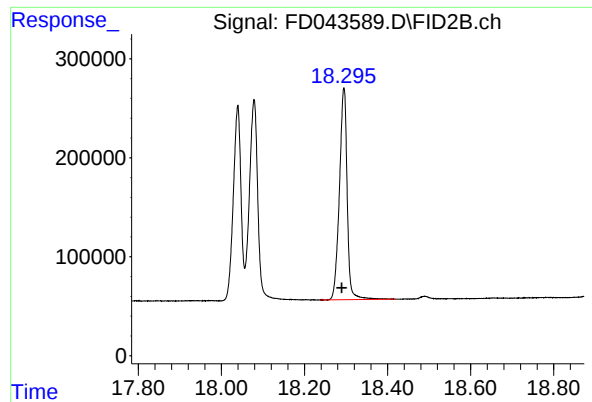
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.039 min
Delta R.T.: 0.003 min
Response: 2533114
Conc: 21.43 ug/ml



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

R.T.: 18.078 min
Delta R.T.: 0.002 min
Response: 2854028
Conc: 20.12 ug/ml



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

R.T.: 18.295 min
Delta R.T.: 0.004 min
Response: 2776173
Conc: 21.35 ug/ml

Instrument :

FID_D

ClientSampleId :

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