

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062124AR\
 Data File : FD047957.D
 Signal(s) : FID2B.ch
 Acq On : 21 Jun 2024 14:18
 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: Jun 22 04:19:02 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 061724.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 17 13:47:07 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...	7.417	2991597	20.571 ug/ml
Spiked Amount 50.000		Recovery =	41.14%
6) S 2-Fluorobiphenyl (SURR)	8.268	2035879	20.901 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.80%
11) S ortho-Terphenyl (SURR)	11.306	3473521	20.669 ug/ml
Spiked Amount 50.000		Recovery =	41.34%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.236	3309813	20.594 ug/ml
2) T Naphthalene (C11.7)	5.757	3519947	20.786 ug/ml
3) T 2-Methylnaphthalene (...)	6.805	3550069	20.617 ug/ml
5) T Acenaphthylene (C15.06)	8.071	3488010	20.767 ug/ml
7) T Acenaphthene (C15.5)	8.365	3519568	20.765 ug/ml
8) T Flouorene (C16.55)	9.145	3442099	20.730 ug/ml
9) T Phenanthrene (C19.36)	10.533	3401151	20.775 ug/ml
10) T Anthracene (C19.43)	10.608	3162943	19.447 ug/ml
12) T Fluoranthene (C21.85)	12.337	3406914	20.689 ug/ml
13) T Pyrene (C20.8)	12.631	3367209	20.651 ug/ml
14) T Benzo[a]anthracene (C...	14.501	3119720	20.337 ug/ml
15) T Chrysene (C27.41)	14.542	3322820	20.317 ug/ml
16) T benzo[b]fluoranthene ...	16.048	3158620	20.557 ug/ml
17) T Bnezo[k]fluoranthene ...	16.079	3042653	20.314 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.424	3106804	20.388 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.787	2667170	20.284 ug/ml
20) T Dibenz[a,h]anthracene...	17.826	3150995	19.895 ug/ml
21) T Benzo[g,h,i]perylene ...	18.037	3049291	20.284 ug/ml

(f)=RT Delta > 1/2 Window

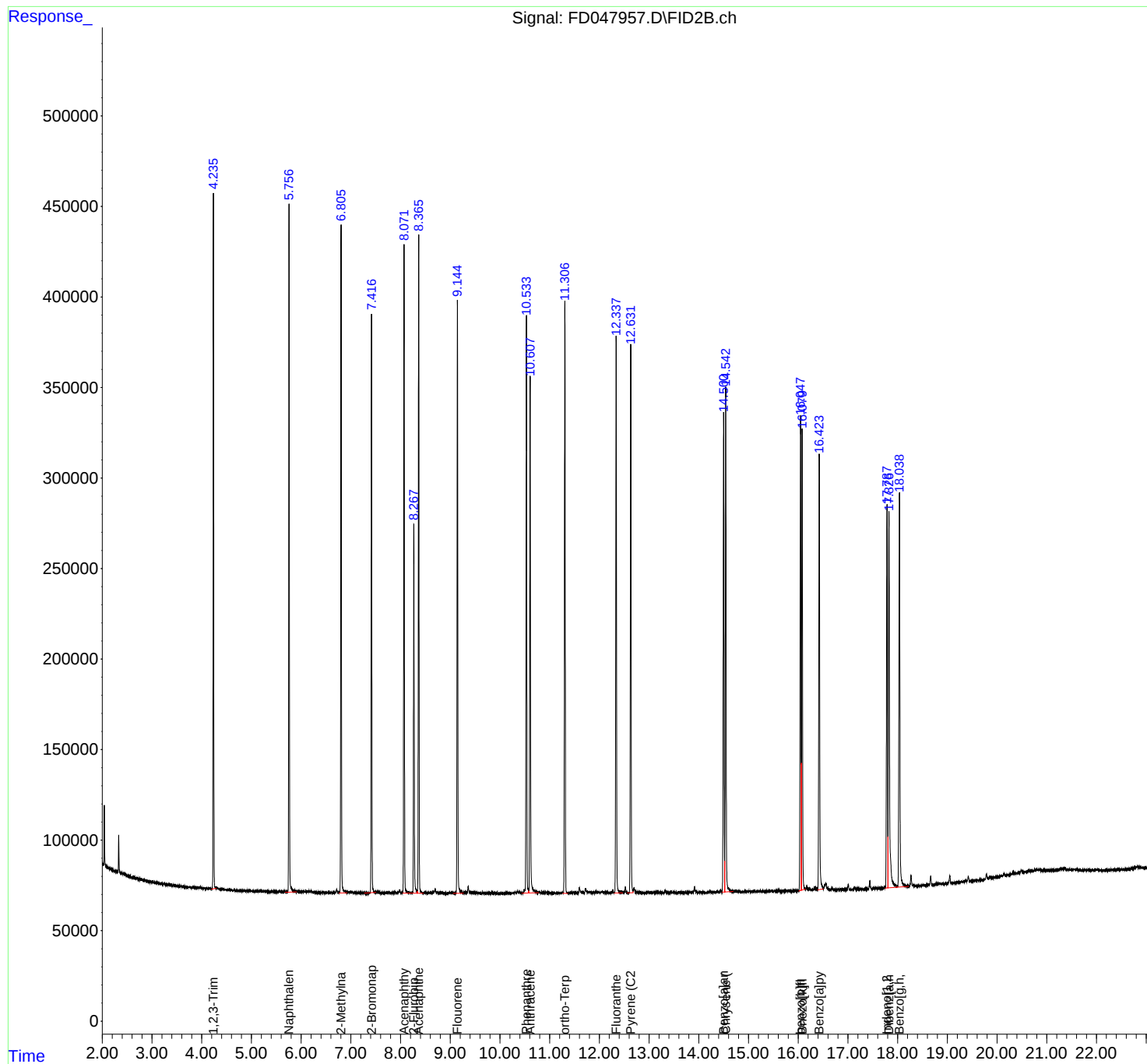
(m)=manual int.

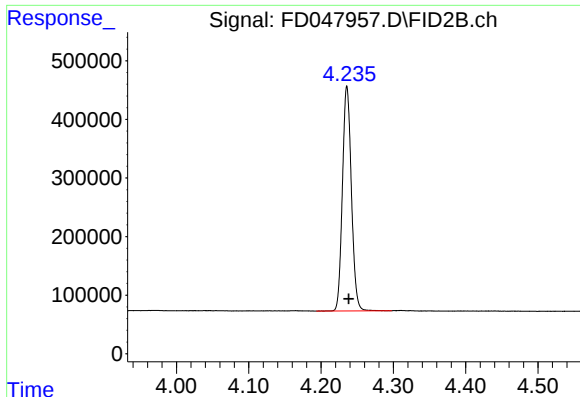
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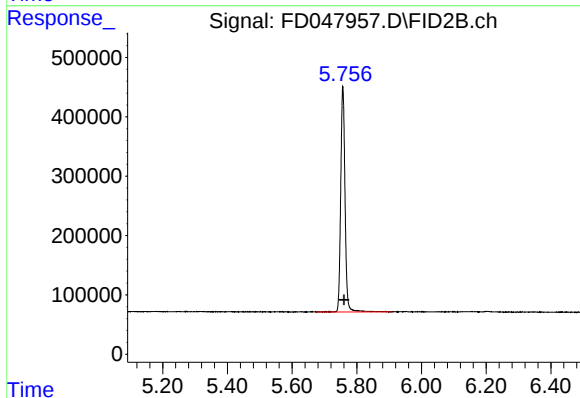




#1 1,2,3-Trimethylbenzene (C10.1)

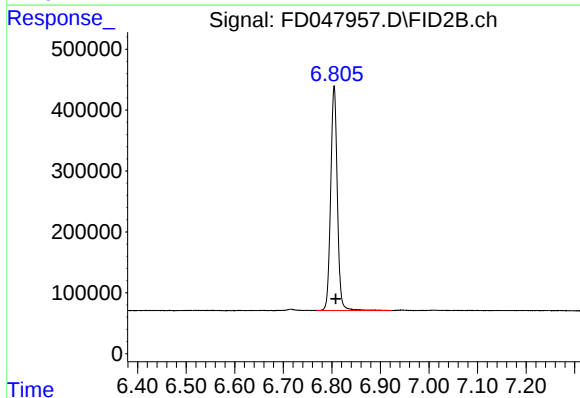
R.T.: 4.236 min
Delta R.T.: -0.002 min
Response: 3309813
Conc: 20.59 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



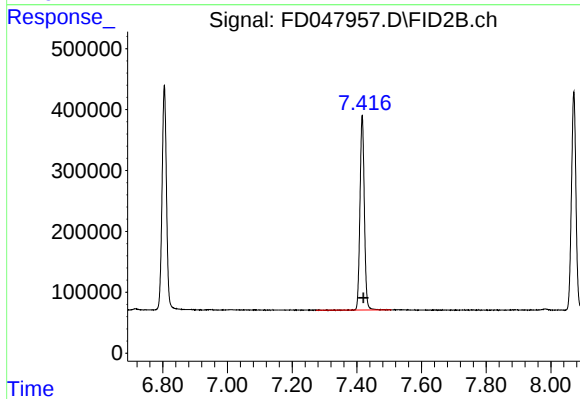
#2 Naphthalene (C11.7)

R.T.: 5.757 min
Delta R.T.: -0.004 min
Response: 3519947
Conc: 20.79 ug/ml



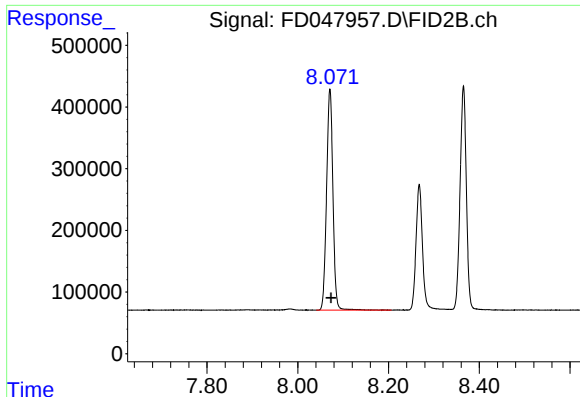
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.805 min
Delta R.T.: -0.003 min
Response: 3550069
Conc: 20.62 ug/ml



#4 2-Bromonaphthalene (SURR)

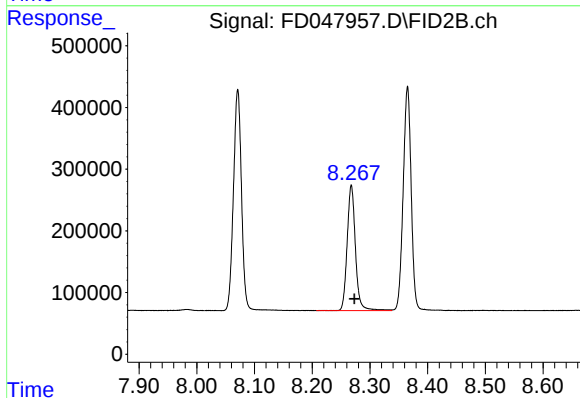
R.T.: 7.417 min
Delta R.T.: -0.004 min
Response: 2991597
Conc: 20.57 ug/ml



#5 Acenaphthylene (C15.06)

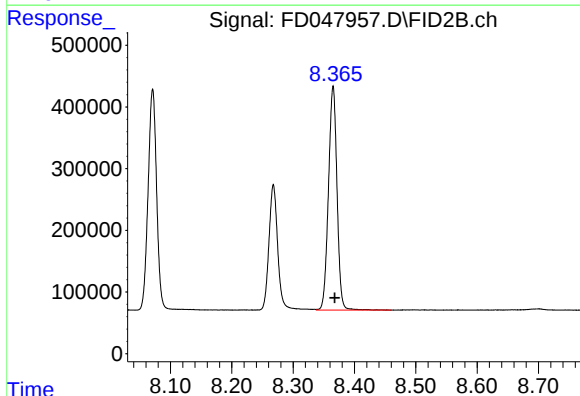
R.T.: 8.071 min
Delta R.T.: -0.003 min
Response: 3488010
Conc: 20.77 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



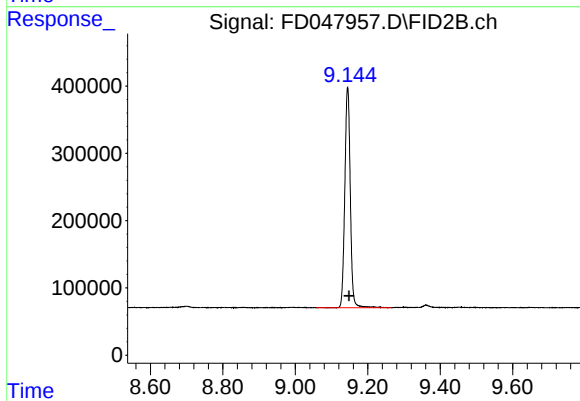
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.268 min
Delta R.T.: -0.005 min
Response: 2035879
Conc: 20.90 ug/ml



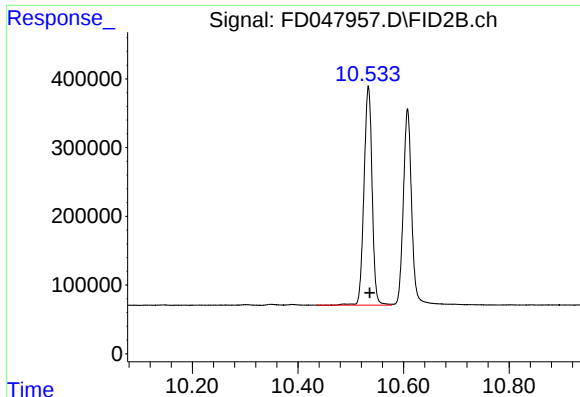
#7 Acenaphthene (C15.5)

R.T.: 8.365 min
Delta R.T.: -0.003 min
Response: 3519568
Conc: 20.77 ug/ml



#8 Fluorene (C16.55)

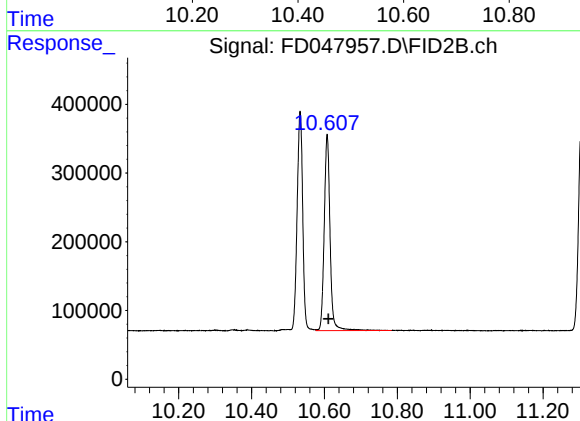
R.T.: 9.145 min
Delta R.T.: -0.004 min
Response: 3442099
Conc: 20.73 ug/ml



#9 Phenanthrene (C19.36)

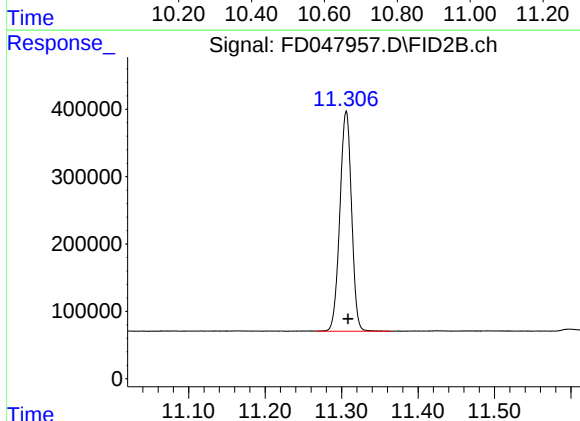
R.T.: 10.533 min
Delta R.T.: -0.003 min
Response: 3401151
Conc: 20.78 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



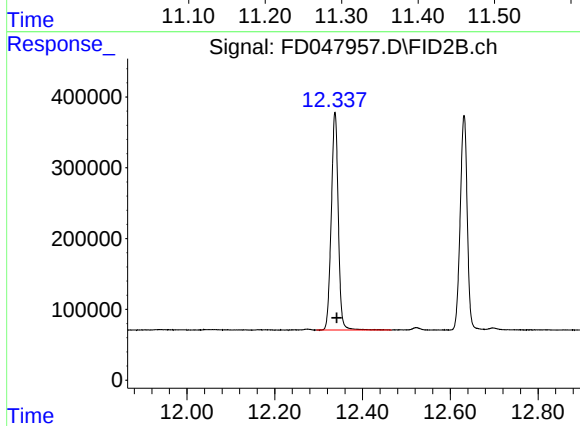
#10 Anthracene (C19.43)

R.T.: 10.608 min
Delta R.T.: -0.004 min
Response: 3162943
Conc: 19.45 ug/ml



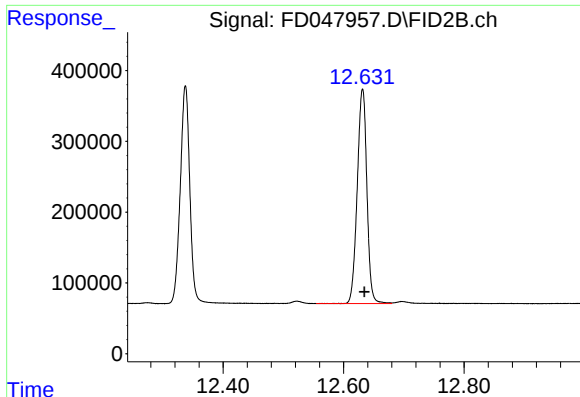
#11 ortho-Terphenyl (SURR)

R.T.: 11.306 min
Delta R.T.: -0.002 min
Response: 3473521
Conc: 20.67 ug/ml



#12 Fluoranthene (C21.85)

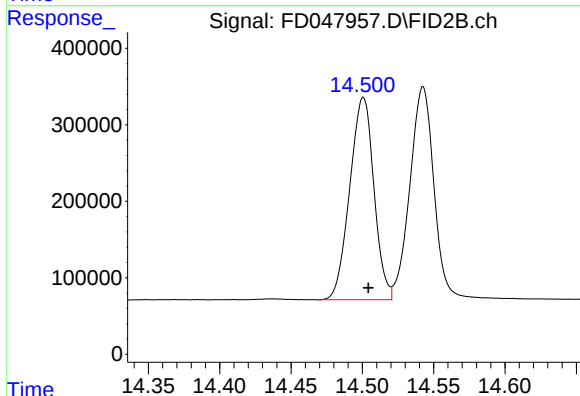
R.T.: 12.337 min
Delta R.T.: -0.004 min
Response: 3406914
Conc: 20.69 ug/ml



#13 Pyrene (C20.8)

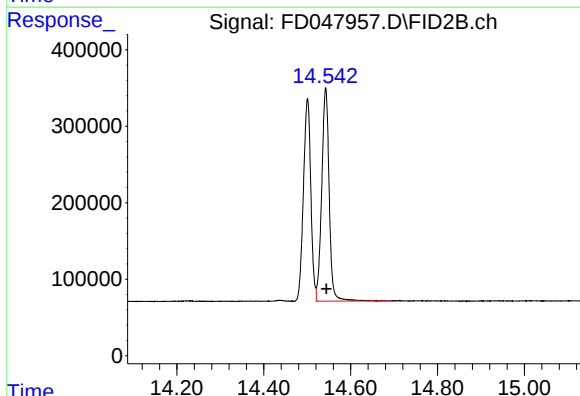
R.T.: 12.631 min
Delta R.T.: -0.003 min
Response: 3367209
Conc: 20.65 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



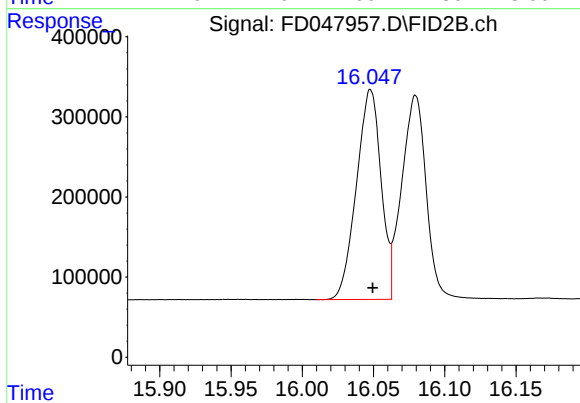
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.501 min
Delta R.T.: -0.004 min
Response: 3119720
Conc: 20.34 ug/ml



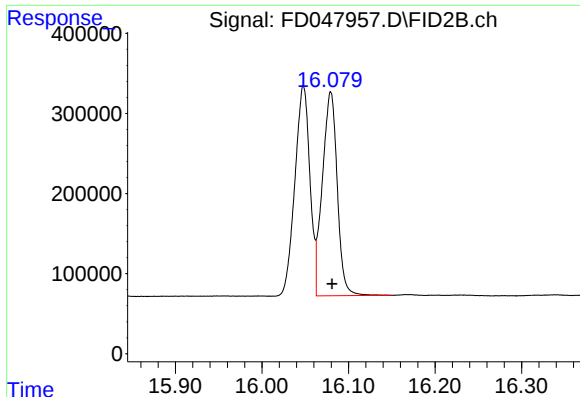
#15 Chrysene (C27.41)

R.T.: 14.542 min
Delta R.T.: -0.002 min
Response: 3322820
Conc: 20.32 ug/ml



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

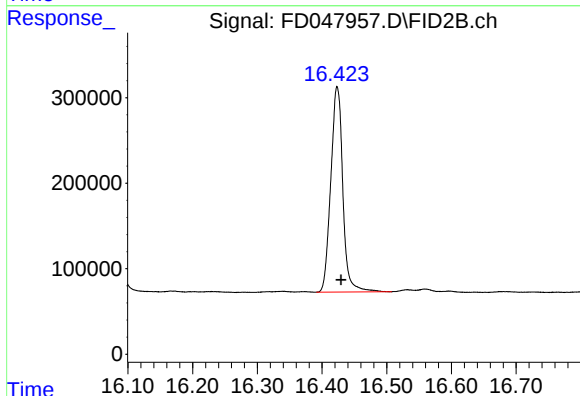
R.T.: 16.048 min
Delta R.T.: -0.002 min
Response: 3158620
Conc: 20.56 ug/ml



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

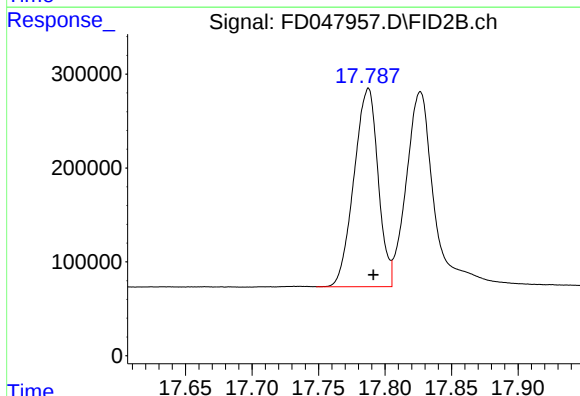
R.T.: 16.079 min
Delta R.T.: -0.001 min
Response: 3042653
Conc: 20.31 ug/ml

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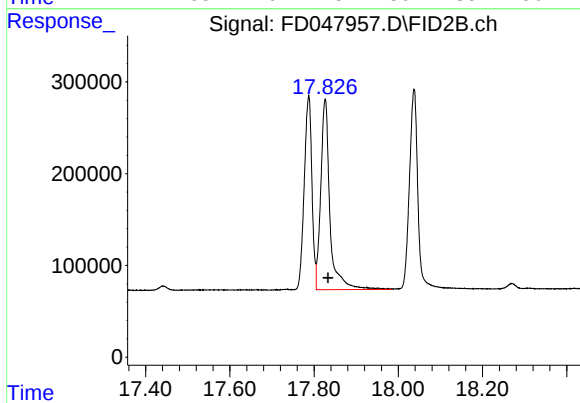
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.424 min
Delta R.T.: -0.006 min
Response: 3106804
Conc: 20.39 ug/ml



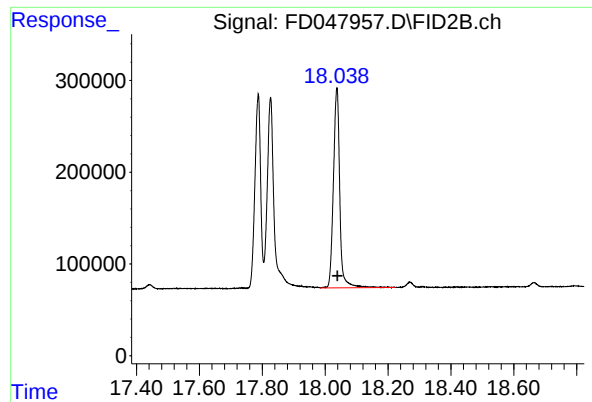
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.787 min
Delta R.T.: -0.005 min
Response: 2667170
Conc: 20.28 ug/ml



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

R.T.: 17.826 min
Delta R.T.: -0.007 min
Response: 3150995
Conc: 19.90 ug/ml



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

R.T.: 18.037 min
Delta R.T.: -0.002 min
Response: 3049291
Conc: 20.28 ug/ml

Instrument :

FID_D

ClientSampleId :

20 PPM AROMATIC HC STD