

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051123AR\
 Data File : FD045656.D
 Signal(s) : FID2B.ch
 Acq On : 11 May 2023 22:02
 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: May 12 01:11:18 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 050523.M
 Quant Title : GC Extractables
 QLast Update : Fri May 05 18:09:33 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...	7.542	3571455	20.938 ug/ml
Spiked Amount 50.000		Recovery =	41.88%
6) S 2-Fluorobiphenyl (SURR)	8.396	2422157	21.067 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.13%
11) S ortho-Terphenyl (SURR)	11.436	4496637	21.299 ug/ml
Spiked Amount 50.000		Recovery =	42.60%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.350	3902991	20.909 ug/ml
2) T Naphthalene (C11.7)	5.880	4125313	20.973 ug/ml
3) T 2-Methylnaphthalene (...)	6.930	4177332	21.146 ug/ml
5) T Acenaphthylene (C15.06)	8.201	3773299	21.002 ug/ml
7) T Acenaphthene (C15.5)	8.497	4032018	21.188 ug/ml
8) T Fluorene (C16.55)	9.275	3990112	21.157 ug/ml
9) T Phenanthrene (C19.36)	10.665	3927949	21.132 ug/ml
10) T Anthracene (C19.43)	10.739	3500396	19.580 ug/ml
12) T Fluoranthene (C21.85)	12.470	3926116	21.764 ug/ml
13) T Pyrene (C20.8)	12.764	3783299	21.587 ug/ml
14) T Benzo[a]anthracene (C...	14.627	3452755	21.692 ug/ml
15) T Chrysene (C27.41)	14.670	3590839	22.114 ug/ml
16) T benzo[b]fluoranthene ...	16.169	3239679	21.997 ug/ml
17) T Bnezo[k]fluoranthene ...	16.202	3280597	22.689 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.543	3015763	21.630 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.899	2806960	22.093 ug/ml
20) T Dibenz[a,h]anthracene...	17.942	2935357	22.856 ug/ml
21) T Benzo[g,h,i]perylene ...	18.152	2810783	21.853 ug/ml

(f)=RT Delta > 1/2 Window

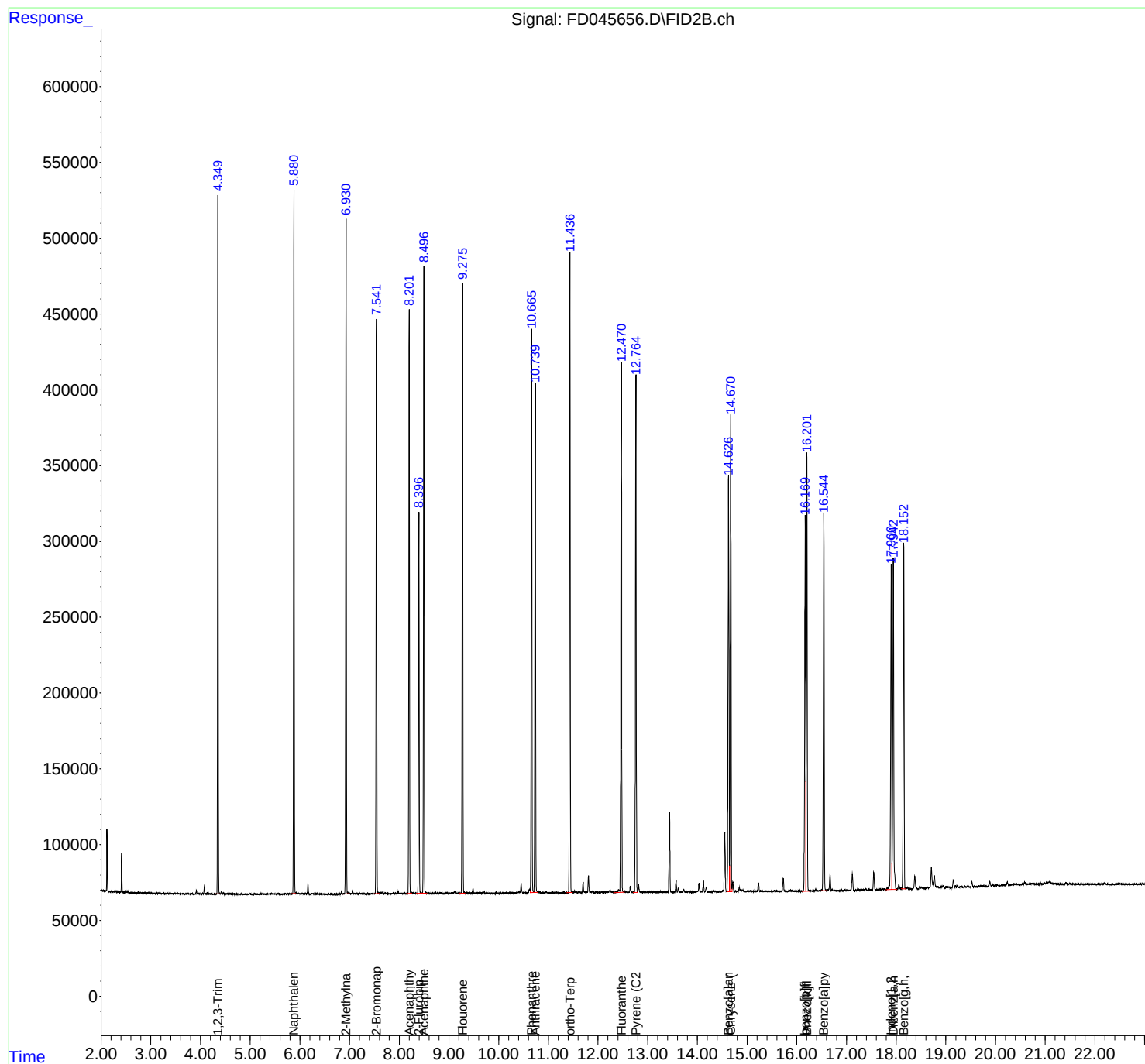
(m)=manual int.

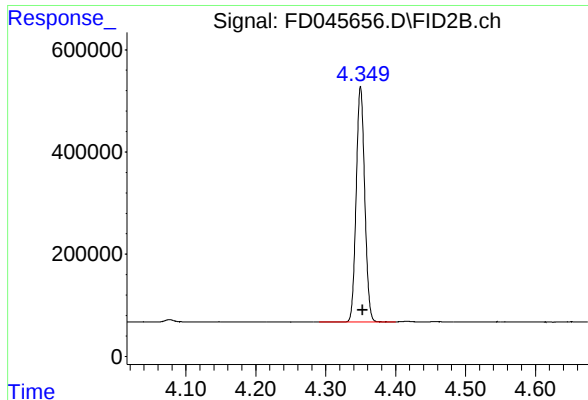
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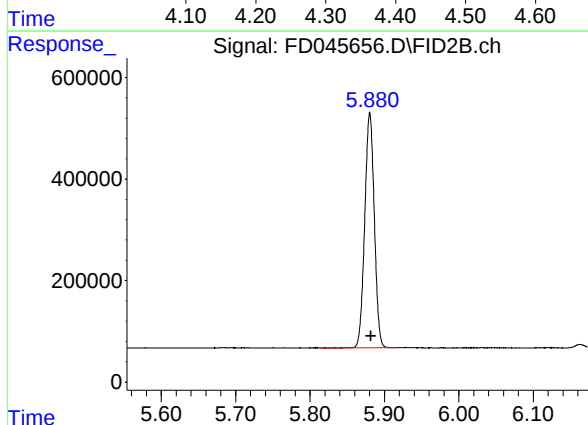




#1 1,2,3-Trimethylbenzene (C10.1)

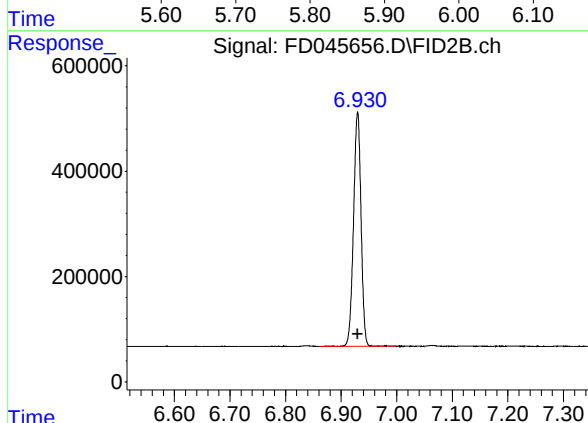
R.T.: 4.350 min
Delta R.T.: -0.003 min
Response: 3902991
Conc: 20.91 ug/ml

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20 PPM AROMATIC HC STD



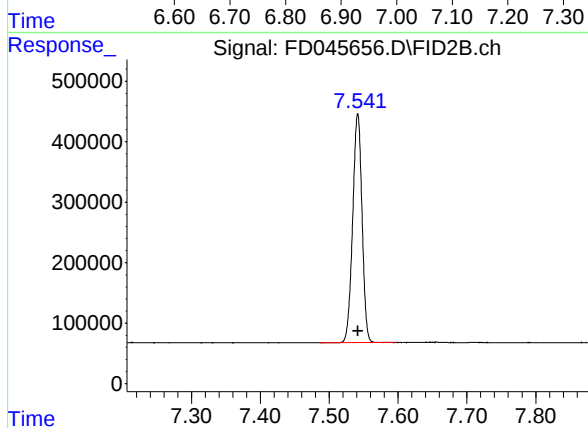
#2 Naphthalene (C11.7)

R.T.: 5.880 min
Delta R.T.: -0.002 min
Response: 4125313
Conc: 20.97 ug/ml



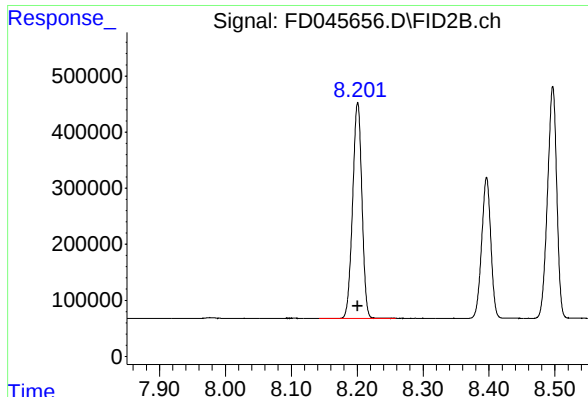
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.930 min
Delta R.T.: 0.000 min
Response: 4177332
Conc: 21.15 ug/ml



#4 2-Bromonaphthalene (SURR)

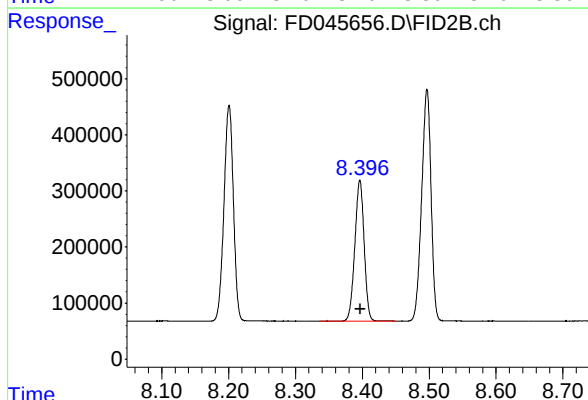
R.T.: 7.542 min
Delta R.T.: 0.000 min
Response: 3571455
Conc: 20.94 ug/ml



#5 Acenaphthylene (C15.06)

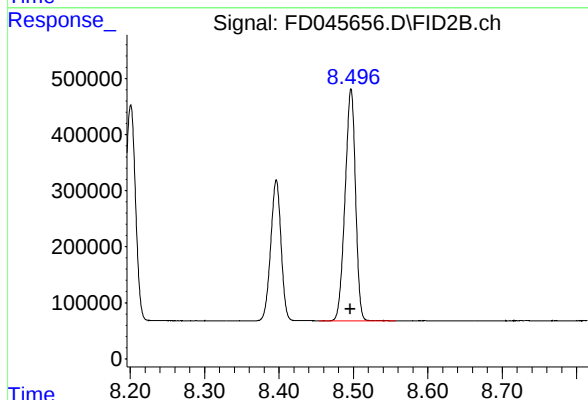
R.T.: 8.201 min
Delta R.T.: 0.000 min
Response: 3773299
Conc: 21.00 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



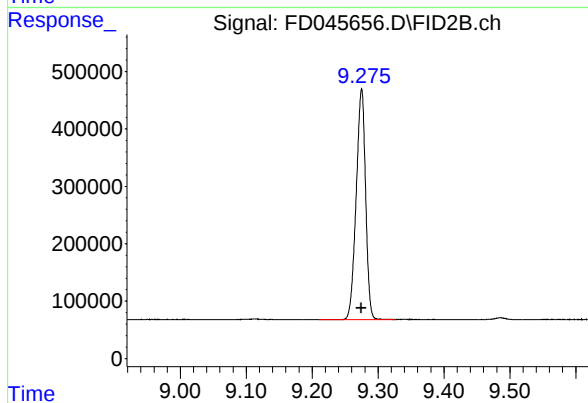
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.396 min
Delta R.T.: 0.000 min
Response: 2422157
Conc: 21.07 ug/ml



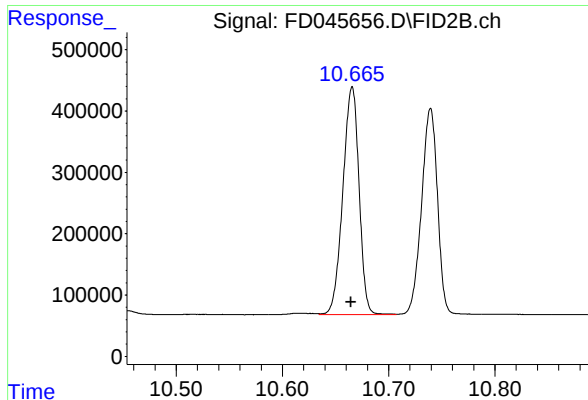
#7 Acenaphthene (C15.5)

R.T.: 8.497 min
Delta R.T.: 0.000 min
Response: 4032018
Conc: 21.19 ug/ml



#8 Fluorene (C16.55)

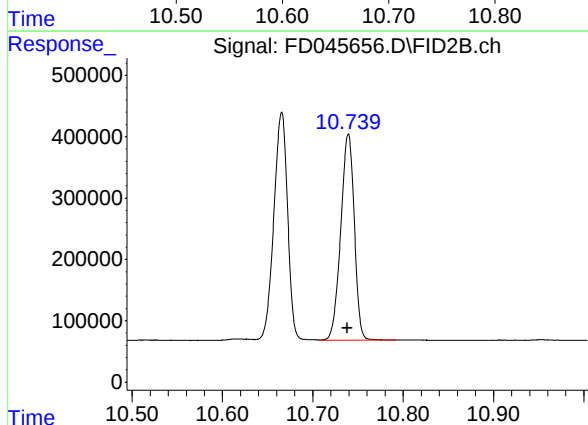
R.T.: 9.275 min
Delta R.T.: 0.000 min
Response: 3990112
Conc: 21.16 ug/ml



#9 Phenanthrene (C19.36)

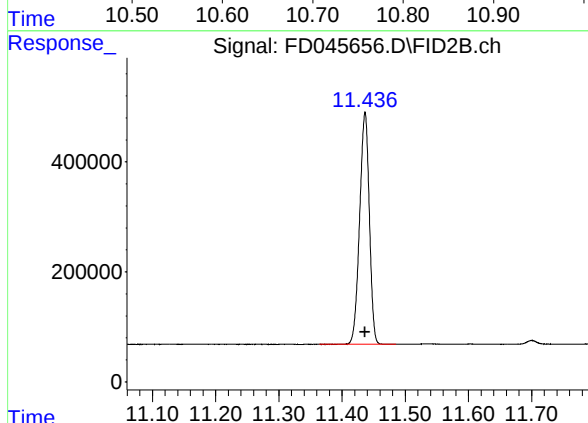
R.T.: 10.665 min
Delta R.T.: 0.000 min
Response: 3927949
Conc: 21.13 ug/ml

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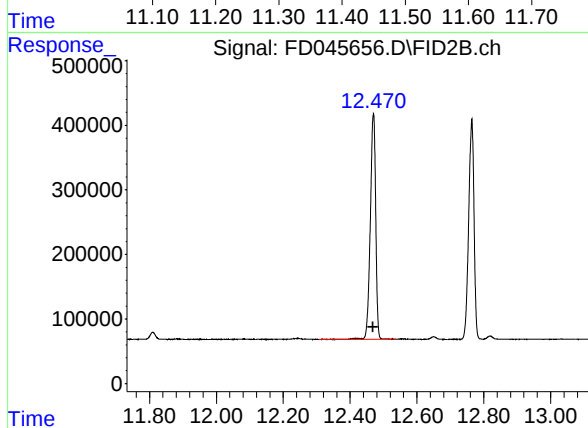
#10 Anthracene (C19.43)

R.T.: 10.739 min
Delta R.T.: 0.001 min
Response: 3500396
Conc: 19.58 ug/ml



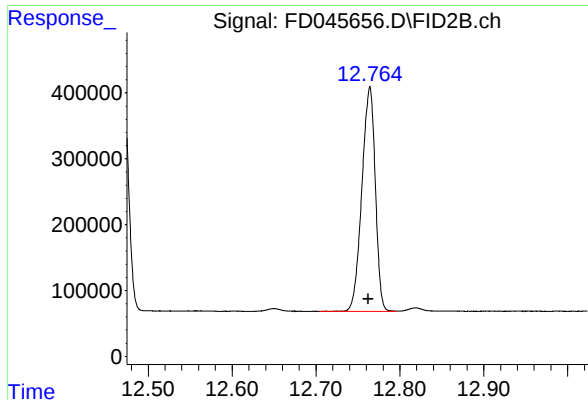
#11 ortho-Terphenyl (SURR)

R.T.: 11.436 min
Delta R.T.: 0.000 min
Response: 4496637
Conc: 21.30 ug/ml



#12 Fluoranthene (C21.85)

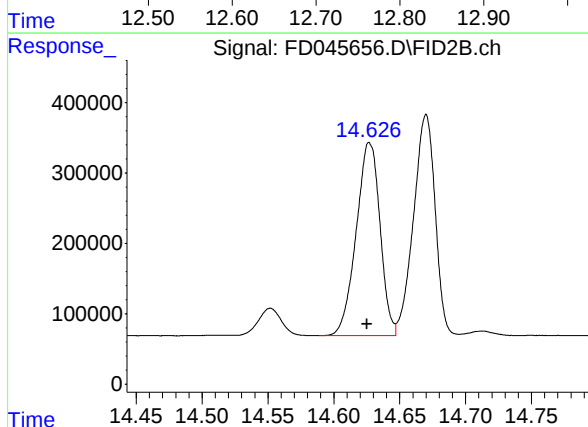
R.T.: 12.470 min
Delta R.T.: 0.002 min
Response: 3926116
Conc: 21.76 ug/ml



#13 Pyrene (C20.8)

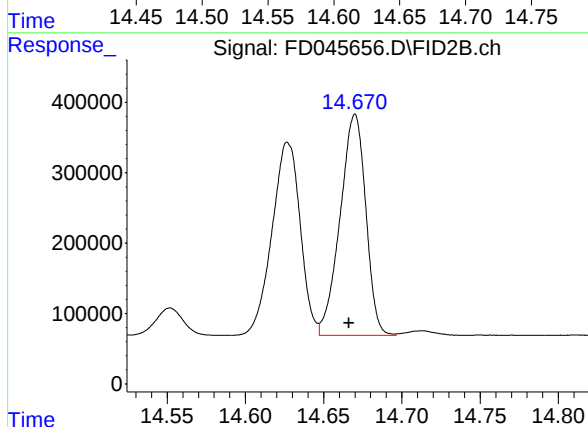
R.T.: 12.764 min
Delta R.T.: 0.001 min
Response: 3783299
Conc: 21.59 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



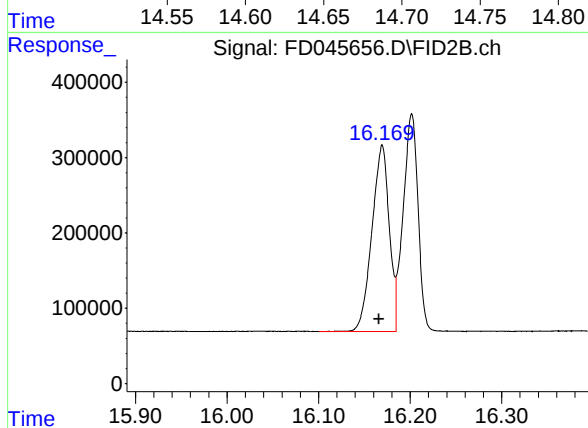
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.627 min
Delta R.T.: 0.002 min
Response: 3452755
Conc: 21.69 ug/ml



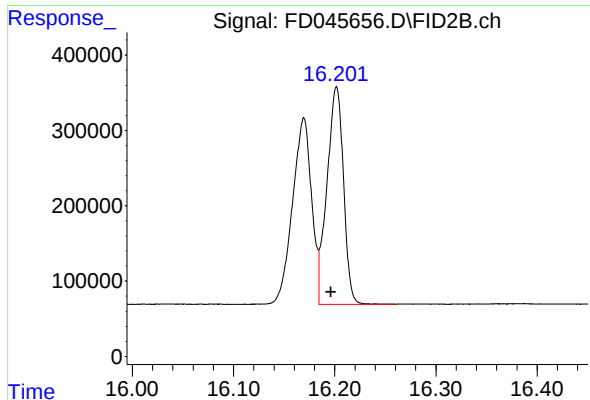
#15 Chrysene (C27.41)

R.T.: 14.670 min
Delta R.T.: 0.004 min
Response: 3590839
Conc: 22.11 ug/ml



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

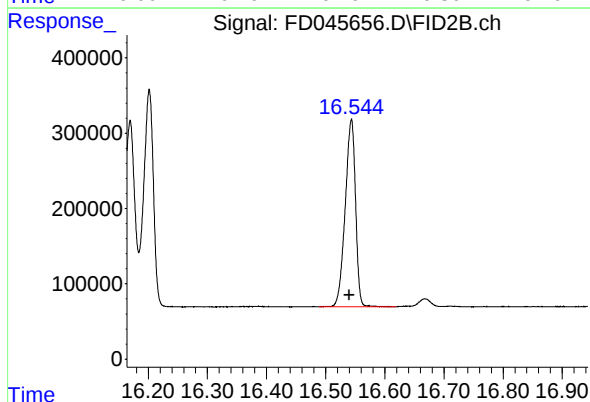
R.T.: 16.169 min
Delta R.T.: 0.003 min
Response: 3239679
Conc: 22.00 ug/ml



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

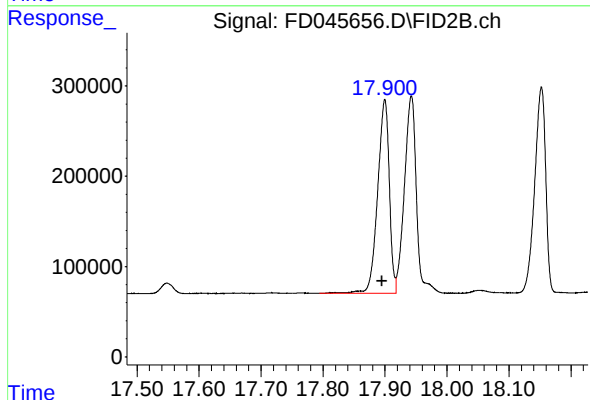
R.T.: 16.202 min
Delta R.T.: 0.006 min
Response: 3280597
Conc: 22.69 ug/ml

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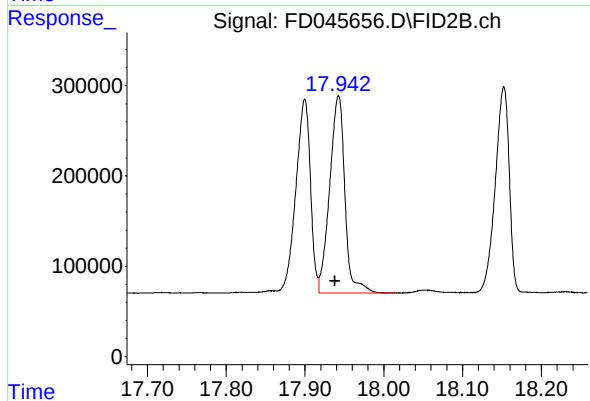
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.543 min
Delta R.T.: 0.003 min
Response: 3015763
Conc: 21.63 ug/ml



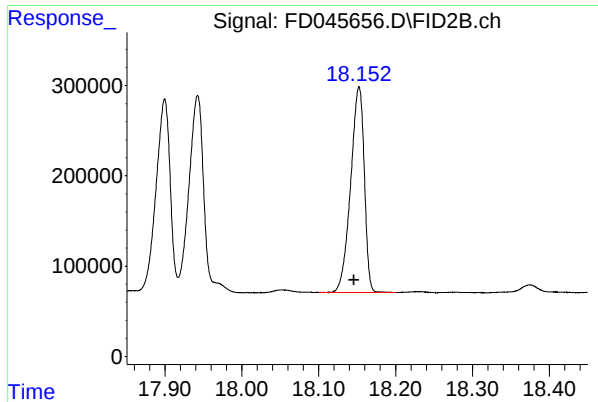
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.899 min
Delta R.T.: 0.004 min
Response: 2806960
Conc: 22.09 ug/ml



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

R.T.: 17.942 min
Delta R.T.: 0.004 min
Response: 2935357
Conc: 22.86 ug/ml



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

R.T.: 18.152 min
Delta R.T.: 0.006 min
Response: 2810783
Conc: 21.85 ug/ml

Instrument :
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