

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062623AR\
 Data File : FD045989.D
 Signal(s) : FID2B.ch
 Acq On : 27 Jun 2023 08:12
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Jun 27 08:42:58 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 062423.M
 Quant Title : GC Extractables
 QLast Update : Sun Jun 25 04:38:13 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...	7.520	4055703	18.820 ug/ml
Spiked Amount 50.000		Recovery =	37.64%
6) S 2-Fluorobiphenyl (SURR)	8.375	2626605	18.978 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	37.96%
11) S ortho-Terphenyl (SURR)	11.414	4759925	18.775 ug/ml
Spiked Amount 50.000		Recovery =	37.55%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.329	4721870	18.955 ug/ml
2) T Naphthalene (C11.7)	5.859	4804372	18.832 ug/ml
3) T 2-Methylnaphthalene (...)	6.909	4756806	18.869 ug/ml
5) T Acenaphthylene (C15.06)	8.179	4138061	19.052 ug/ml
7) T Acenaphthene (C15.5)	8.475	4430569	18.796 ug/ml
8) T Fluorene (C16.55)	9.253	4272043	18.881 ug/ml
9) T Phenanthrene (C19.36)	10.643	4006070	18.775 ug/ml
10) T Anthracene (C19.43)	10.717	3091074	19.454 ug/ml
12) T Fluoranthene (C21.85)	12.448	3793497	18.536 ug/ml
13) T Pyrene (C20.8)	12.743	3835595	19.727 ug/ml
14) T Benzo[a]anthracene (C...	14.607	3405149	18.934 ug/ml
15) T Chrysene (C27.41)	14.650	3779853	19.258 ug/ml
16) T benzo[b]fluoranthene ...	16.151	3748174	19.984 ug/ml
17) T Bnezo[k]fluoranthene ...	16.183	3788099	19.150 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.526	3465535	19.890 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.883	3705985	19.913 ug/ml
20) T Dibenz[a,h]anthracene...	17.925	3980229	21.649 ug/ml
21) T Benzo[g,h,i]perylene ...	18.137	3580638	19.163 ug/ml

(f)=RT Delta > 1/2 Window

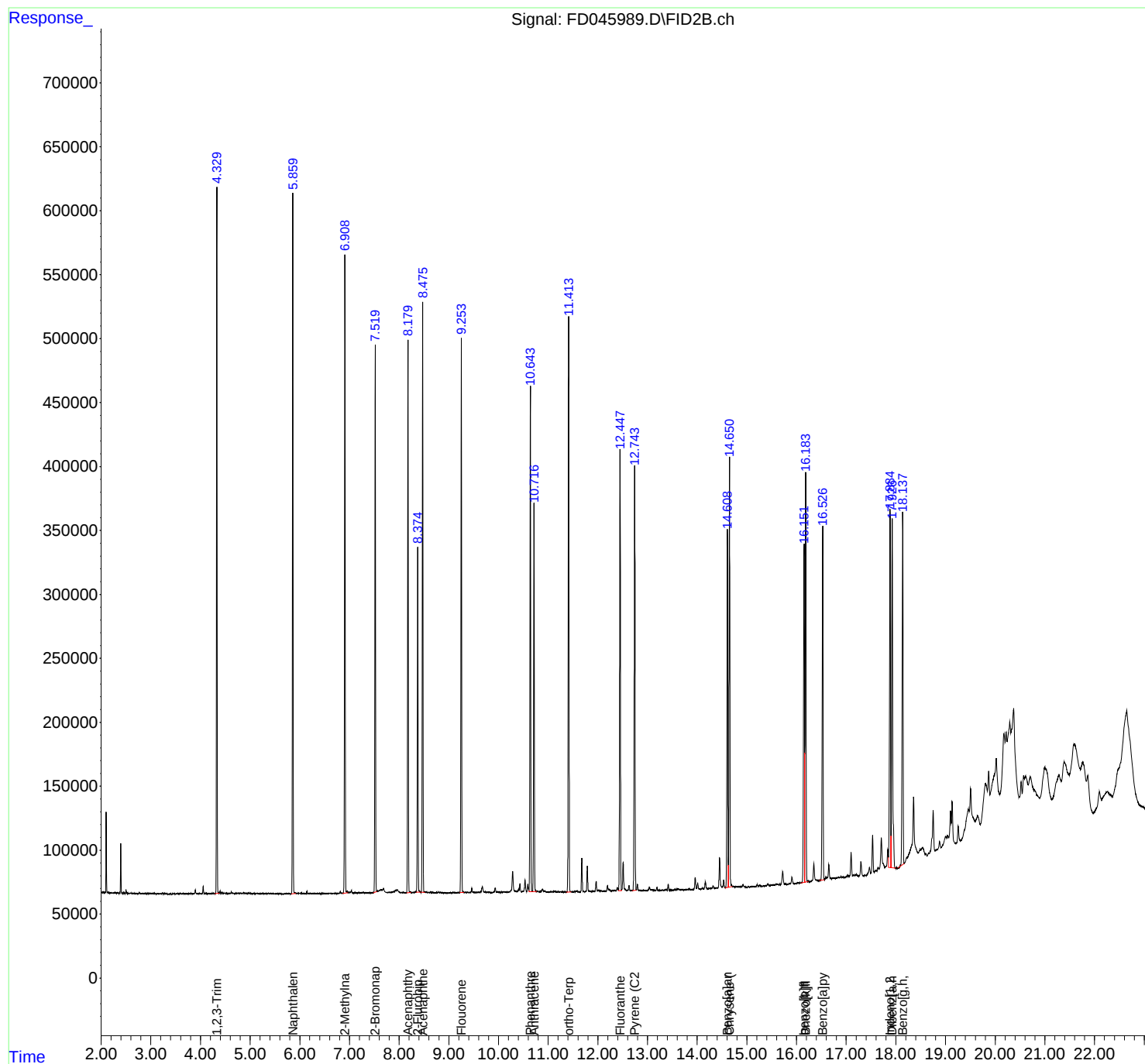
(m)=manual int.

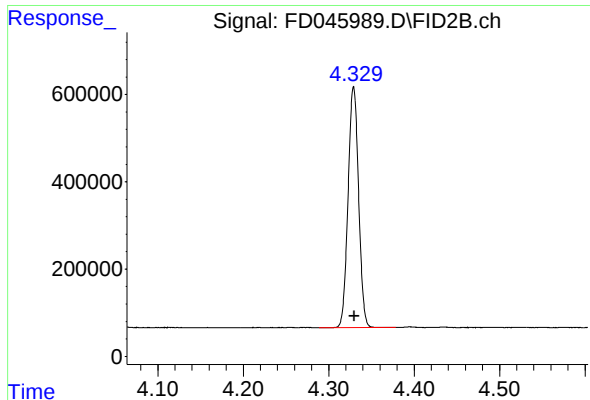
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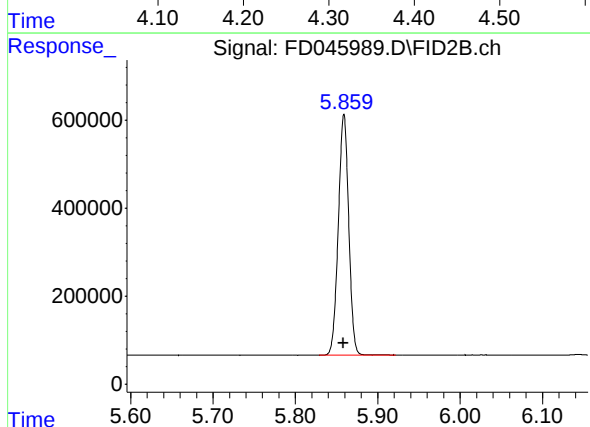




#1 1,2,3-Trimethylbenzene (C10.1)

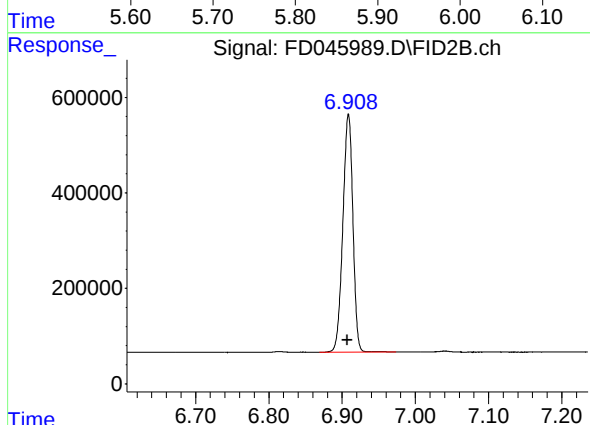
R.T.: 4.329 min
Delta R.T.: 0.000 min
Response: 4721870
Conc: 18.96 ug/ml

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FID_D
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20 PPM AROMATIC HC STD



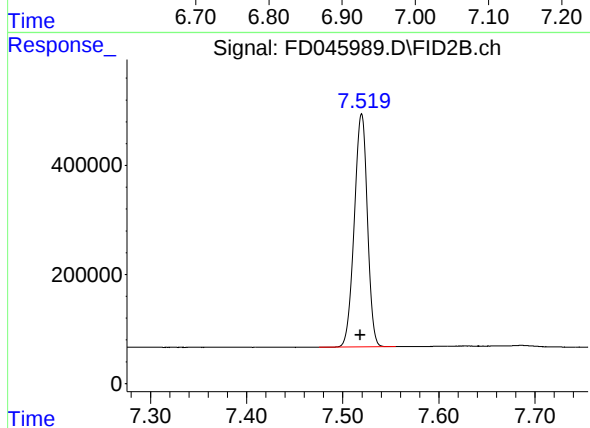
#2 Naphthalene (C11.7)

R.T.: 5.859 min
Delta R.T.: 0.000 min
Response: 4804372
Conc: 18.83 ug/ml



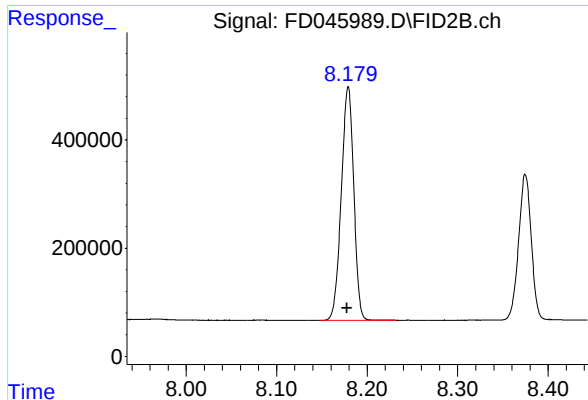
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.909 min
Delta R.T.: 0.001 min
Response: 4756806
Conc: 18.87 ug/ml



#4 2-Bromonaphthalene (SURR)

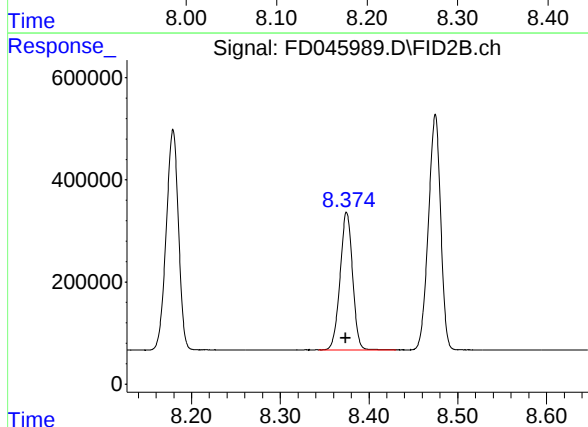
R.T.: 7.520 min
Delta R.T.: 0.001 min
Response: 4055703
Conc: 18.82 ug/ml



#5 Acenaphthylene (C15.06)

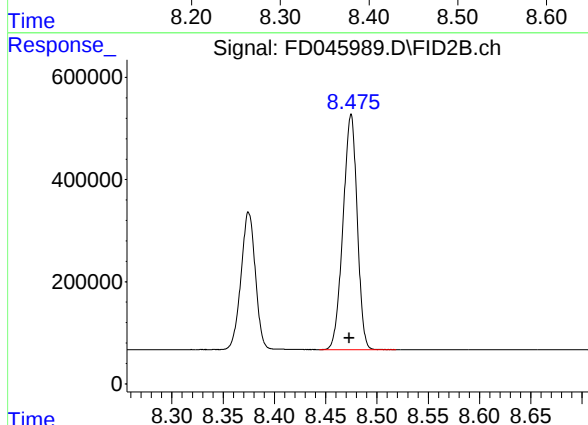
R.T.: 8.179 min
Delta R.T.: 0.001 min
Response: 4138061
Conc: 19.05 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



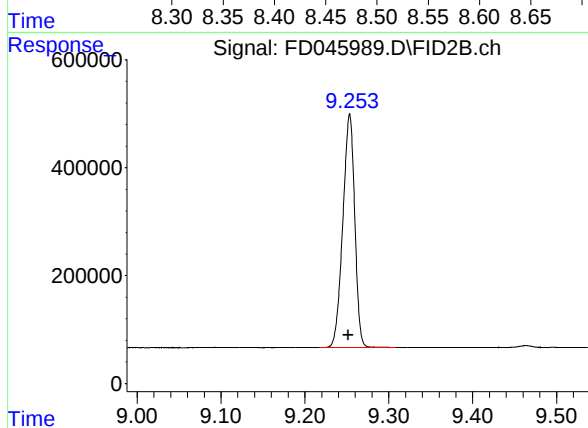
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.375 min
Delta R.T.: 0.001 min
Response: 2626605
Conc: 18.98 ug/ml



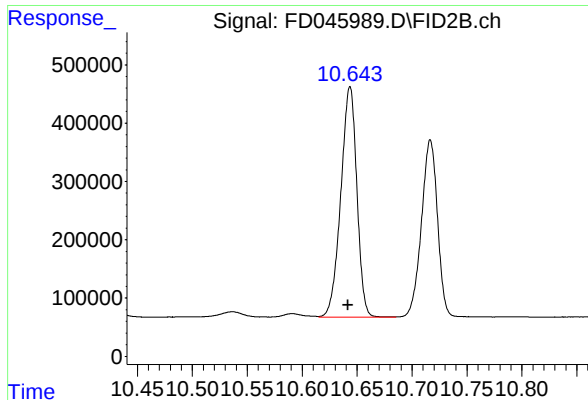
#7 Acenaphthene (C15.5)

R.T.: 8.475 min
Delta R.T.: 0.002 min
Response: 4430569
Conc: 18.80 ug/ml



#8 Flouorene (C16.55)

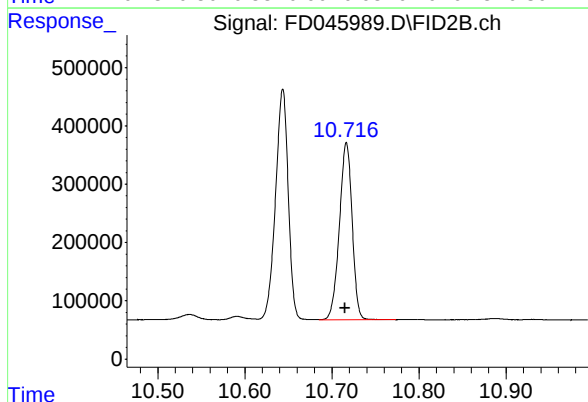
R.T.: 9.253 min
Delta R.T.: 0.001 min
Response: 4272043
Conc: 18.88 ug/ml



#9 Phenanthrene (C19.36)

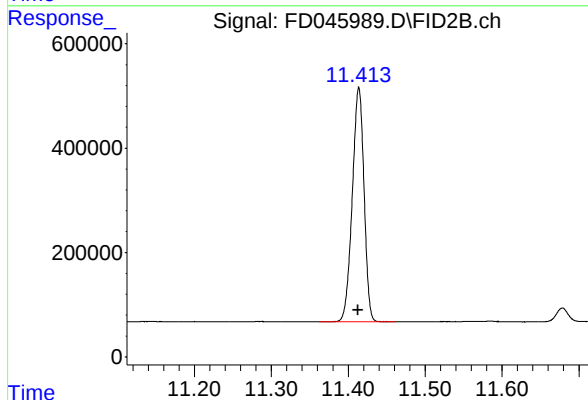
R.T.: 10.643 min
Delta R.T.: 0.002 min
Response: 4006070
Conc: 18.77 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



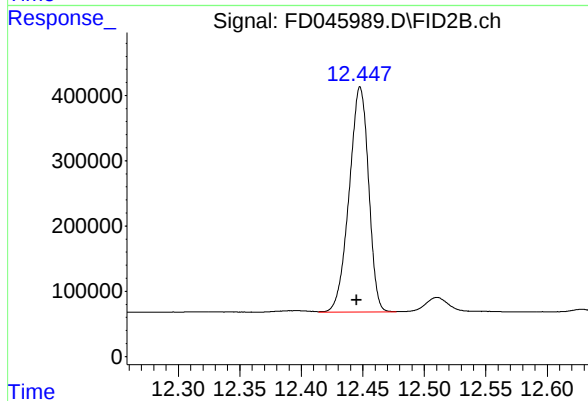
#10 Anthracene (C19.43)

R.T.: 10.717 min
Delta R.T.: 0.002 min
Response: 3091074
Conc: 19.45 ug/ml



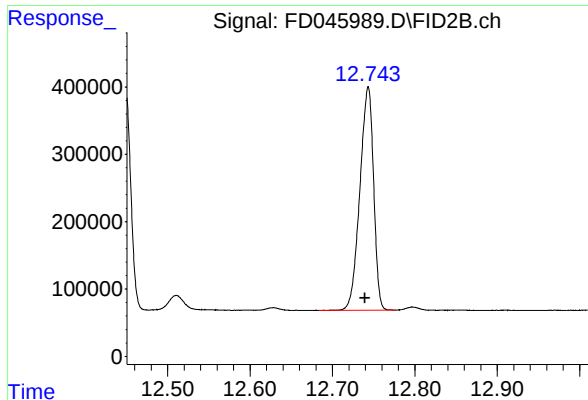
#11 ortho-Terphenyl (SURR)

R.T.: 11.414 min
Delta R.T.: 0.000 min
Response: 4759925
Conc: 18.78 ug/ml



#12 Fluoranthene (C21.85)

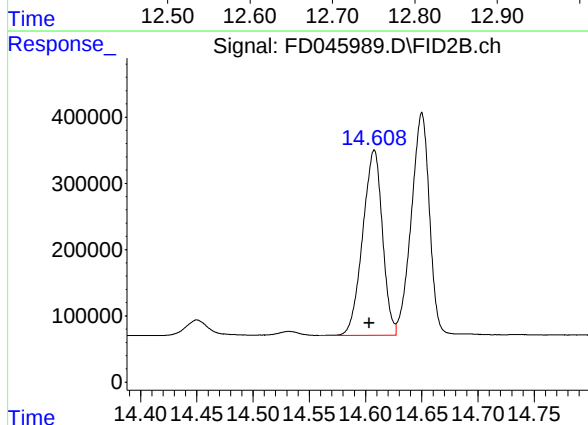
R.T.: 12.448 min
Delta R.T.: 0.003 min
Response: 3793497
Conc: 18.54 ug/ml



#13 Pyrene (C20.8)

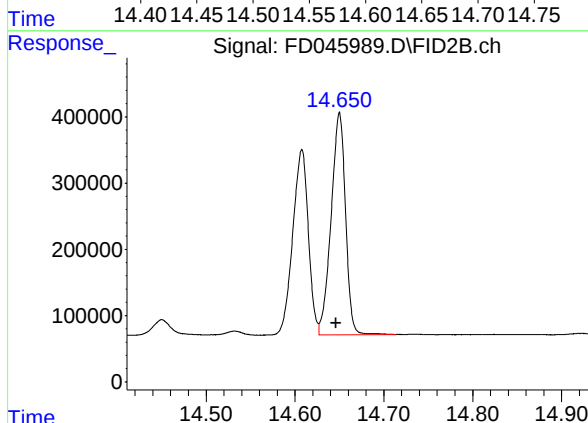
R.T.: 12.743 min
Delta R.T.: 0.004 min
Response: 3835595
Conc: 19.73 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



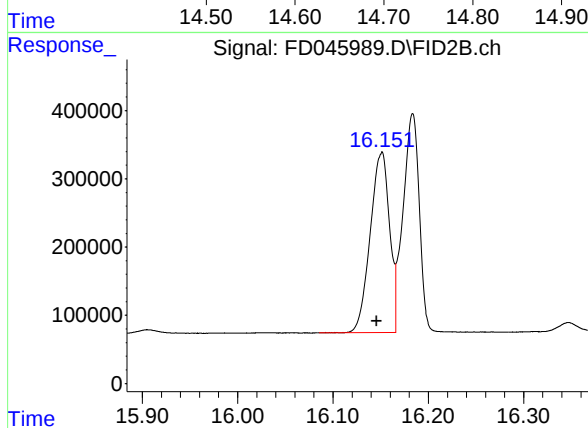
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.607 min
Delta R.T.: 0.004 min
Response: 3405149
Conc: 18.93 ug/ml



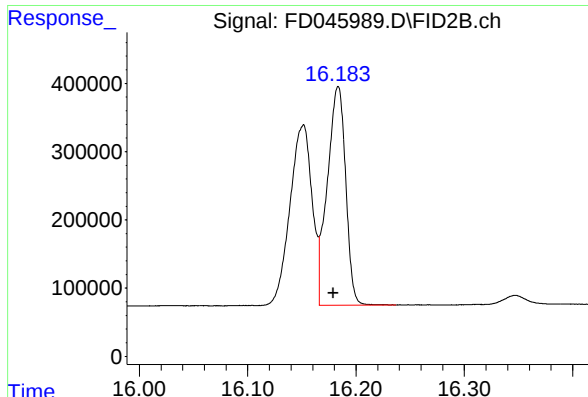
#15 Chrysene (C27.41)

R.T.: 14.650 min
Delta R.T.: 0.004 min
Response: 3779853
Conc: 19.26 ug/ml



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

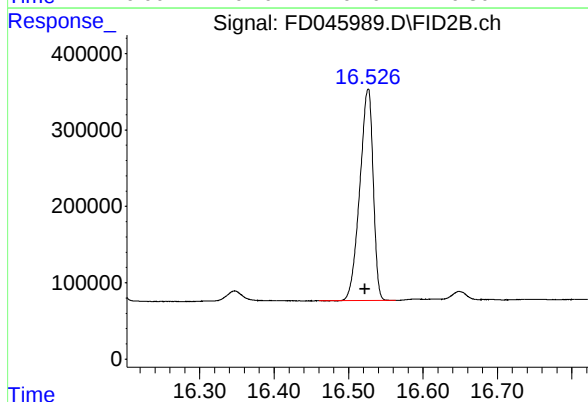
R.T.: 16.151 min
Delta R.T.: 0.005 min
Response: 3748174
Conc: 19.98 ug/ml



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

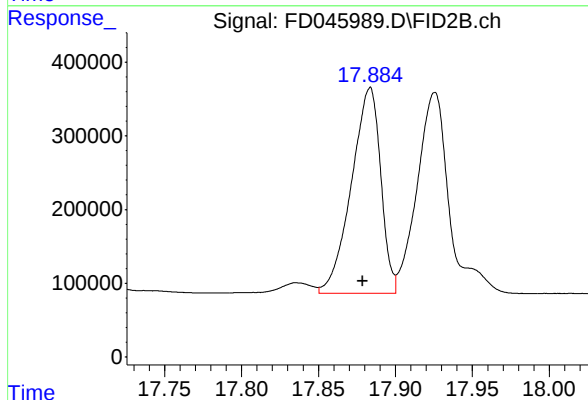
R.T.: 16.183 min
Delta R.T.: 0.004 min
Response: 3788099
Conc: 19.15 ug/ml

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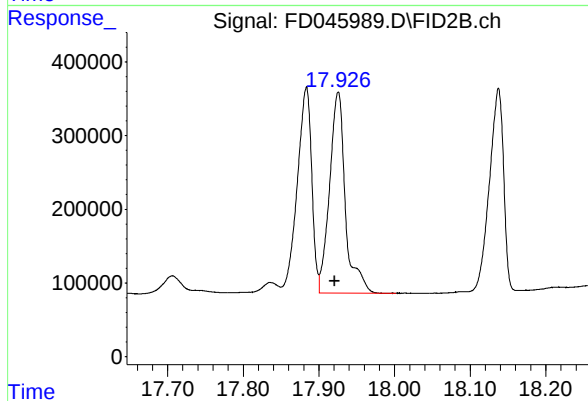
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.526 min
Delta R.T.: 0.004 min
Response: 3465535
Conc: 19.89 ug/ml



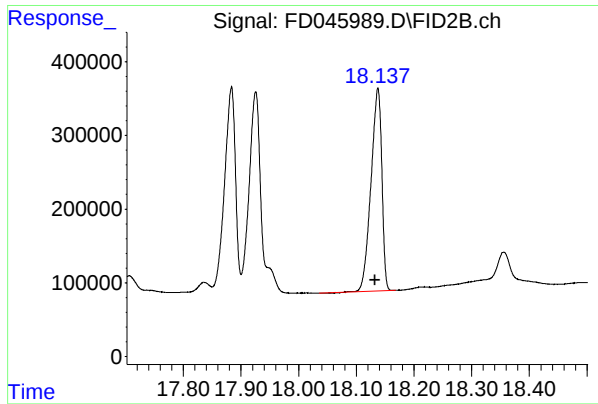
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.883 min
Delta R.T.: 0.004 min
Response: 3705985
Conc: 19.91 ug/ml



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

R.T.: 17.925 min
Delta R.T.: 0.004 min
Response: 3980229
Conc: 21.65 ug/ml



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

R.T.: 18.137 min

Delta R.T.: 0.004 min

Response: 3580638

Conc: 19.16 ug/ml

Instrument :

FID_D

ClientSampleId :

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