

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050823AR\
 Data File : FD045640.D
 Signal(s) : FID2B.ch
 Acq On : 09 May 2023 09:58
 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 09 12:26:09 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	3489508	20.458 ug/ml
Spiked Amount 50.000		Recovery =	40.92%
6) S 2-Fluorobiphenyl (SURR)	8.397	2370538	20.618 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.24%
11) S ortho-Terphenyl (SURR)	11.437	4387166	20.780 ug/ml
Spiked Amount 50.000		Recovery =	41.56%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.350	3804702	20.382 ug/ml
2) T Naphthalene (C11.7)	5.881	4033384	20.505 ug/ml
3) T 2-Methylnaphthalene (...)	6.930	4076207	20.634 ug/ml
5) T Acenaphthylene (C15.06)	8.201	3700041	20.594 ug/ml
7) T Acenaphthene (C15.5)	8.497	3932932	20.667 ug/ml
8) T Flouorene (C16.55)	9.275	3897974	20.669 ug/ml
9) T Phenanthrene (C19.36)	10.666	3872974	20.837 ug/ml
10) T Anthracene (C19.43)	10.740	3582292	20.038 ug/ml
12) T Fluoranthene (C21.85)	12.470	3809352	21.116 ug/ml
13) T Pyrene (C20.8)	12.765	3697373	21.097 ug/ml
14) T Benzo[a]anthracene (C...	14.629	3393789	21.322 ug/ml
15) T Chrysene (C27.41)	14.671	3516435	21.656 ug/ml
16) T benzo[b]fluoranthene ...	16.171	3149472	21.385 ug/ml
17) T Bnezo[k]fluoranthene ...	16.203	3194239	22.091 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.545	2967375	21.283 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.901	2720751	21.414 ug/ml
20) T Dibenz[a,h]anthracene...	17.944	2807993	21.864 ug/ml
21) T Benzo[g,h,i]perylene ...	18.154	2714592	21.105 ug/ml

(f)=RT Delta > 1/2 Window

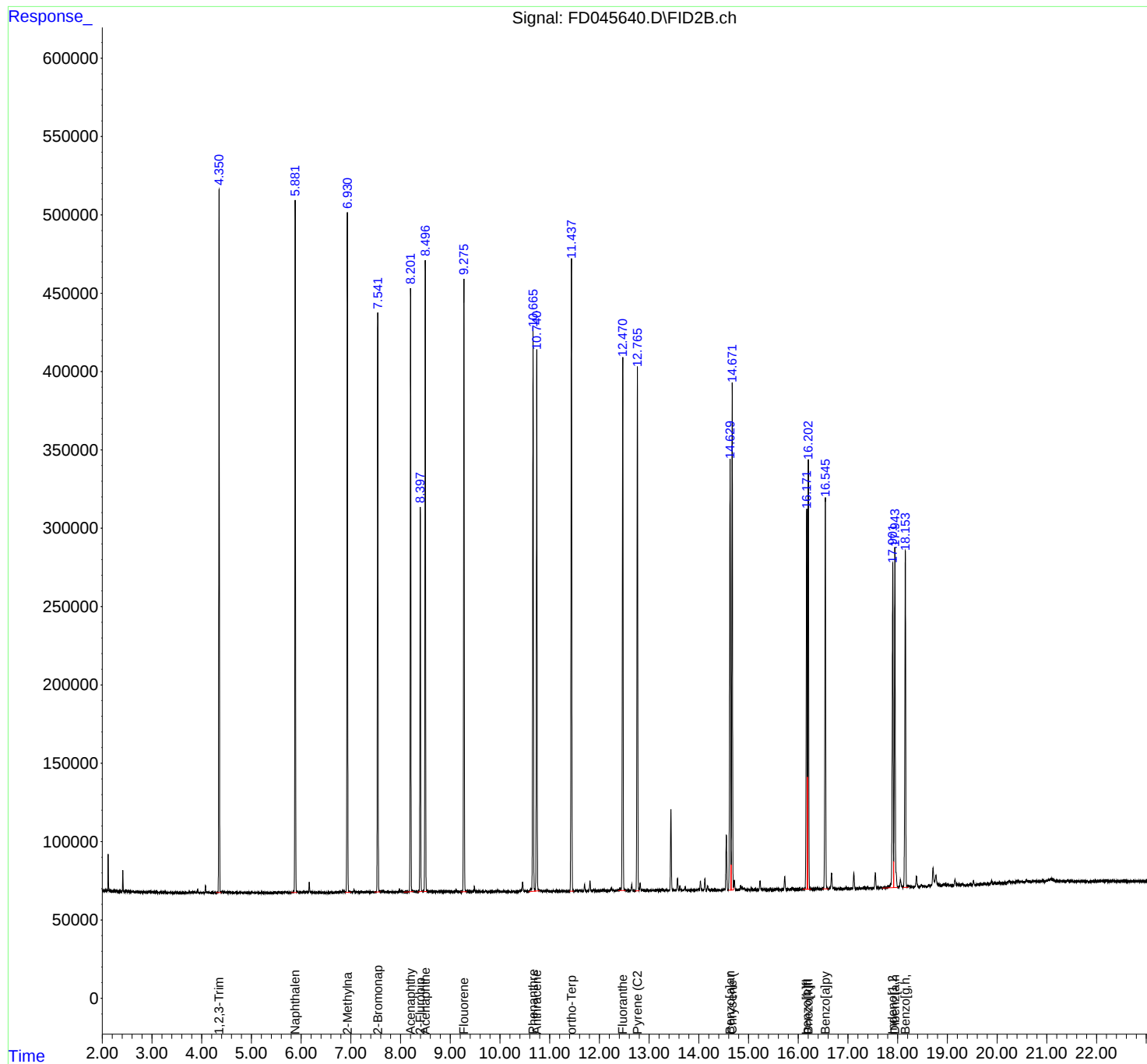
(m)=manual int.

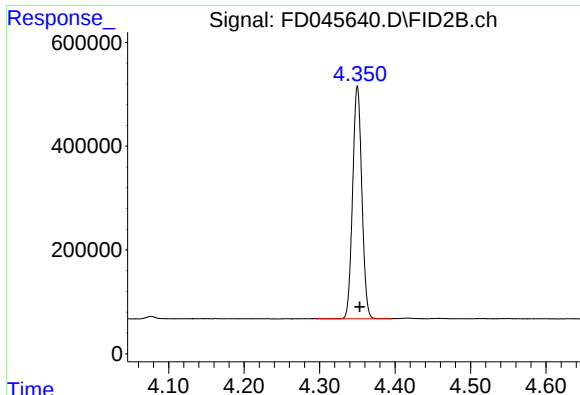
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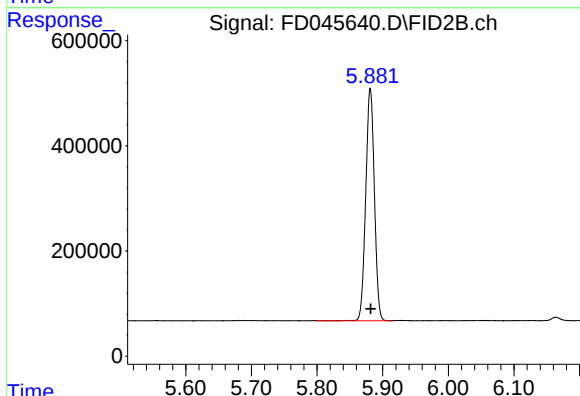




#1 1,2,3-Trimethylbenzene (C10.1)

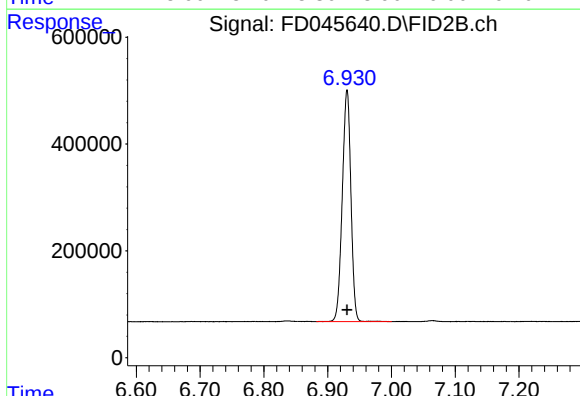
R.T.: 4.350 min
Delta R.T.: -0.003 min
Response: 3804702
Conc: 20.38 ug/ml

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20 PPM AROMATIC HC STD



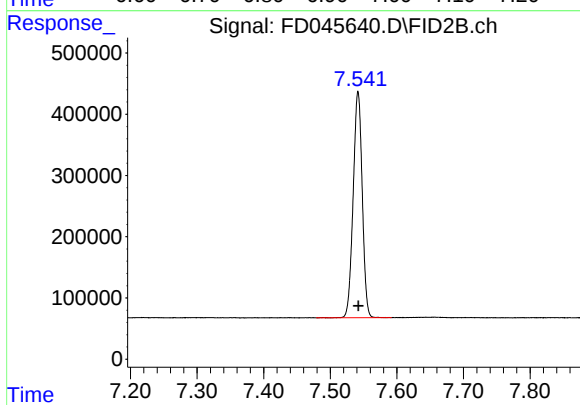
#2 Naphthalene (C11.7)

R.T.: 5.881 min
Delta R.T.: 0.000 min
Response: 4033384
Conc: 20.51 ug/ml



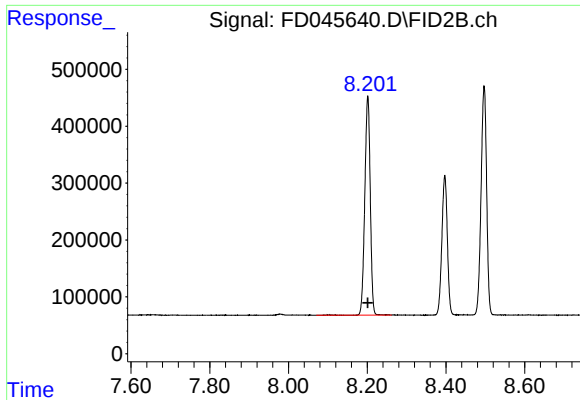
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.930 min
Delta R.T.: 0.000 min
Response: 4076207
Conc: 20.63 ug/ml



#4 2-Bromonaphthalene (SURR)

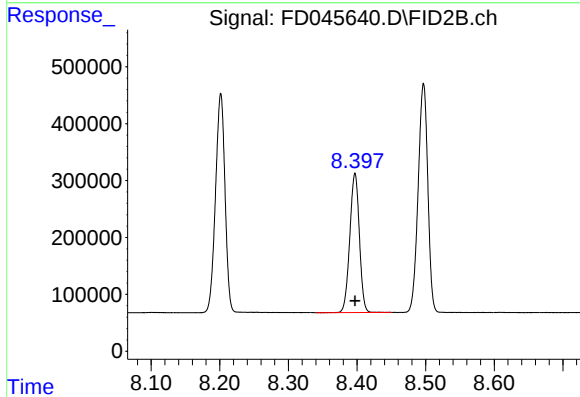
R.T.: 7.542 min
Delta R.T.: 0.000 min
Response: 3489508
Conc: 20.46 ug/ml



#5 Acenaphthylene (C15.06)

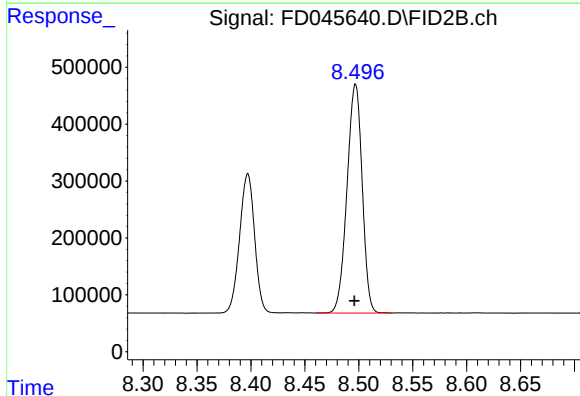
R.T.: 8.201 min
Delta R.T.: 0.000 min
Response: 3700041
Conc: 20.59 ug/ml

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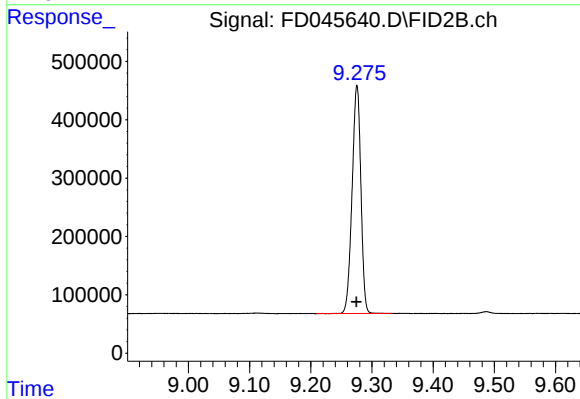
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.397 min
Delta R.T.: 0.000 min
Response: 2370538
Conc: 20.62 ug/ml



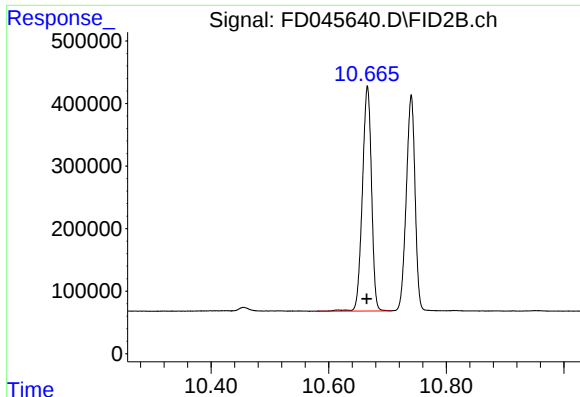
#7 Acenaphthene (C15.5)

R.T.: 8.497 min
Delta R.T.: 0.000 min
Response: 3932932
Conc: 20.67 ug/ml



#8 Fluorene (C16.55)

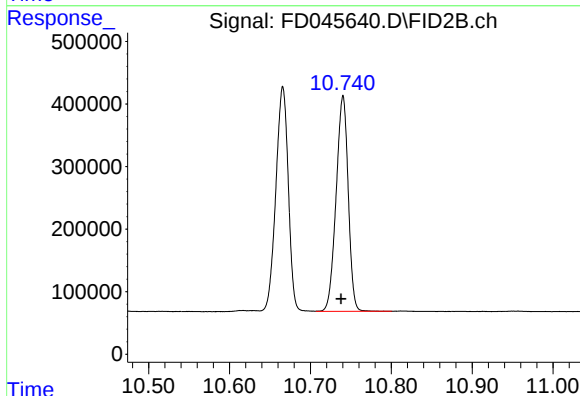
R.T.: 9.275 min
Delta R.T.: 0.000 min
Response: 3897974
Conc: 20.67 ug/ml



#9 Phenanthrene (C19.36)

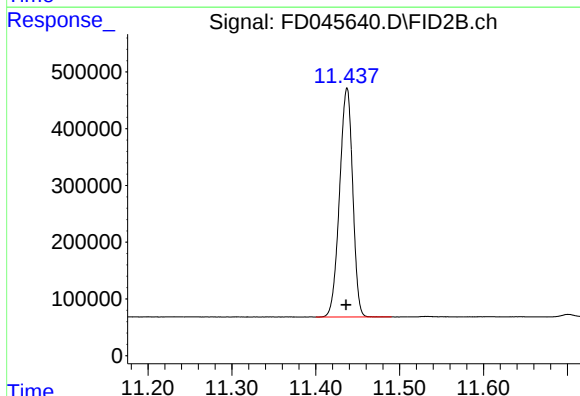
R.T.: 10.666 min
Delta R.T.: 0.001 min
Response: 3872974
Conc: 20.84 ug/ml

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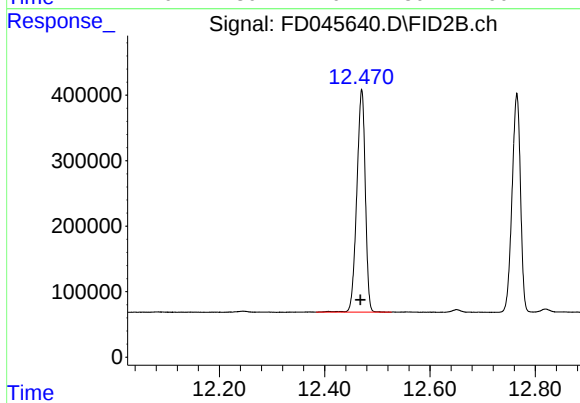
#10 Anthracene (C19.43)

R.T.: 10.740 min
Delta R.T.: 0.002 min
Response: 3582292
Conc: 20.04 ug/ml



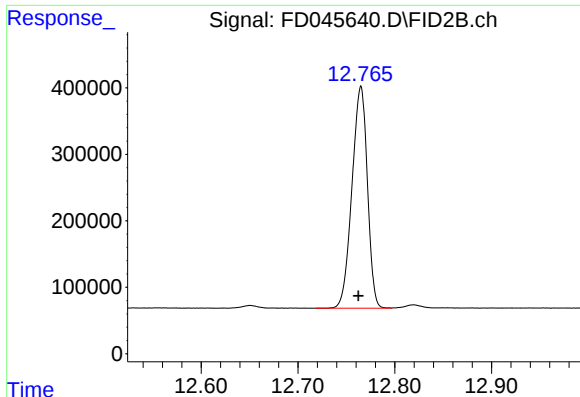
#11 ortho-Terphenyl (SURR)

R.T.: 11.437 min
Delta R.T.: 0.000 min
Response: 4387166
Conc: 20.78 ug/ml



#12 Fluoranthene (C21.85)

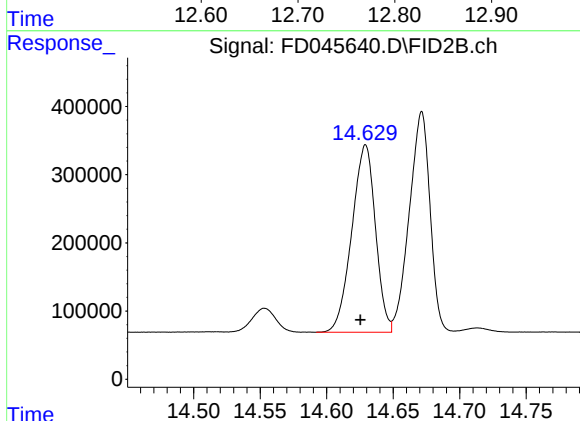
R.T.: 12.470 min
Delta R.T.: 0.002 min
Response: 3809352
Conc: 21.12 ug/ml



#13 Pyrene (C20.8)

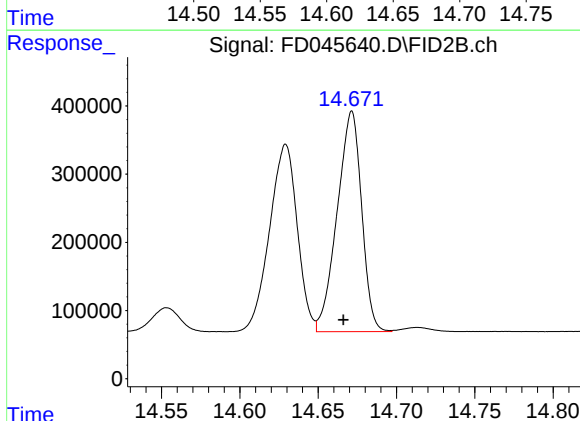
R.T.: 12.765 min
Delta R.T.: 0.002 min
Response: 3697373
Conc: 21.10 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



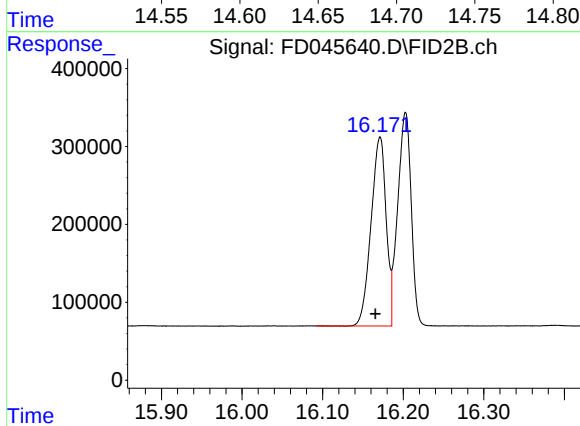
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.629 min
Delta R.T.: 0.004 min
Response: 3393789
Conc: 21.32 ug/ml



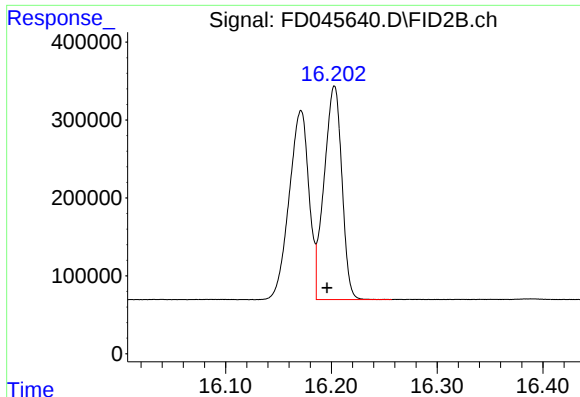
#15 Chrysene (C27.41)

R.T.: 14.671 min
Delta R.T.: 0.005 min
Response: 3516435
Conc: 21.66 ug/ml



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

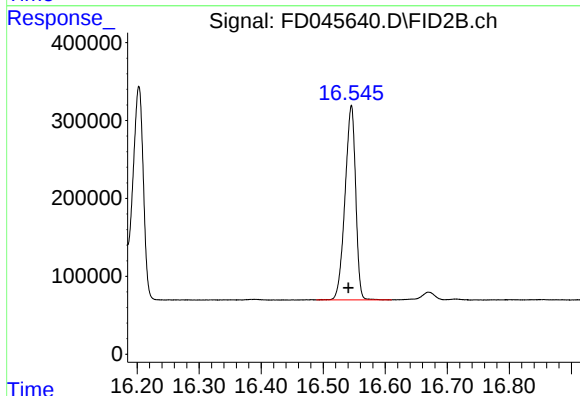
R.T.: 16.171 min
Delta R.T.: 0.005 min
Response: 3149472
Conc: 21.38 ug/ml



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

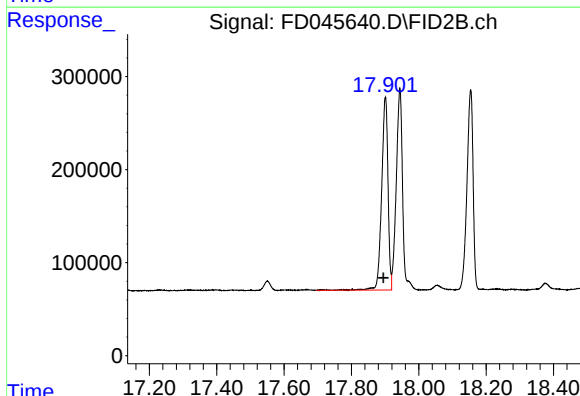
R.T.: 16.203 min
Delta R.T.: 0.007 min
Response: 3194239
Conc: 22.09 ug/ml

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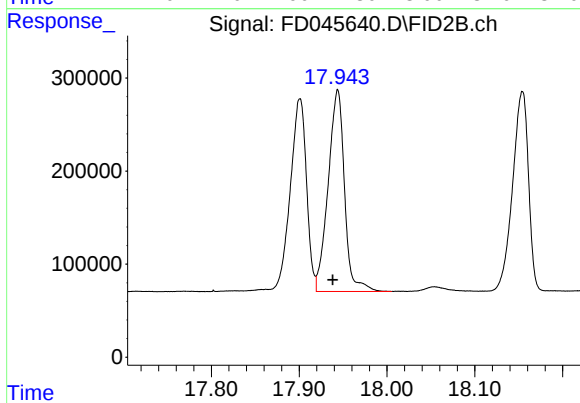
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.545 min
Delta R.T.: 0.005 min
Response: 2967375
Conc: 21.28 ug/ml



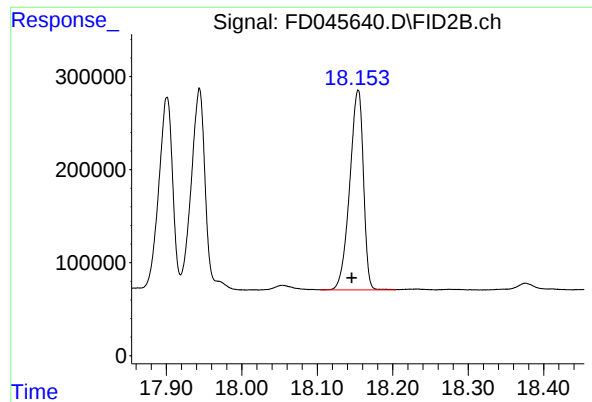
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.901 min
Delta R.T.: 0.005 min
Response: 2720751
Conc: 21.41 ug/ml



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

R.T.: 17.944 min
Delta R.T.: 0.005 min
Response: 2807993
Conc: 21.86 ug/ml



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

R.T.: 18.154 min
Delta R.T.: 0.008 min
Response: 2714592
Conc: 21.10 ug/ml

Instrument :

FID_D

ClientSampleId :

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