

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050823AR\
 Data File : FD045622.D
 Signal(s) : FID2B.ch
 Acq On : 08 May 2023 13:00
 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 03:42:41 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...	7.543	3465917	20.319 ug/ml
Spiked Amount 50.000		Recovery =	40.64%
6) S 2-Fluorobiphenyl (SURR)	8.398	2354211	20.476 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.95%
11) S ortho-Terphenyl (SURR)	11.438	4340426	20.559 ug/ml
Spiked Amount 50.000		Recovery =	41.12%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.351	3791819	20.313 ug/ml
2) T Naphthalene (C11.7)	5.881	4014051	20.407 ug/ml
3) T 2-Methylnaphthalene (...)	6.931	4030152	20.401 ug/ml
5) T Acenaphthylene (C15.06)	8.203	3676376	20.462 ug/ml
7) T Acenaphthene (C15.5)	8.498	3904890	20.520 ug/ml
8) T Fluorene (C16.55)	9.277	3872393	20.533 ug/ml
9) T Phenanthrene (C19.36)	10.667	3836473	20.640 ug/ml
10) T Anthracene (C19.43)	10.741	3587611	20.068 ug/ml
12) T Fluoranthene (C21.85)	12.471	3756684	20.825 ug/ml
13) T Pyrene (C20.8)	12.766	3622673	20.670 ug/ml
14) T Benzo[a]anthracene (C...	14.631	3326696	20.900 ug/ml
15) T Chrysene (C27.41)	14.673	3435891	21.160 ug/ml
16) T benzo[b]fluoranthene ...	16.171	3073828	20.871 ug/ml
17) T Bnezo[k]fluoranthene ...	16.205	3117393	21.560 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.546	2917052	20.922 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.903	2666329	20.986 ug/ml
20) T Dibenz[a,h]anthracene...	17.945	2753100	21.436 ug/ml
21) T Benzo[g,h,i]perylene ...	18.156	2659460	20.676 ug/ml

(f)=RT Delta > 1/2 Window

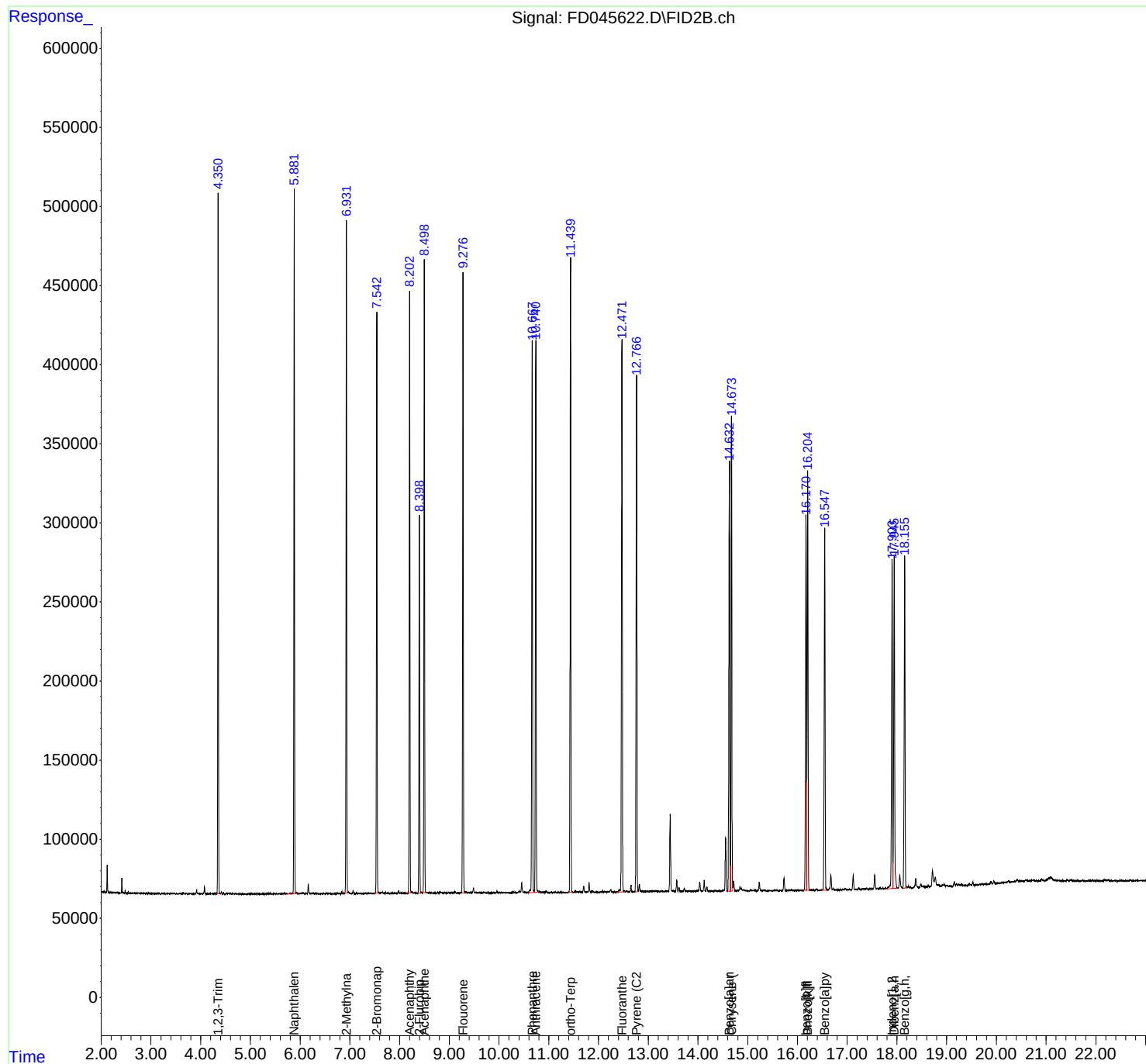
(m)=manual int.

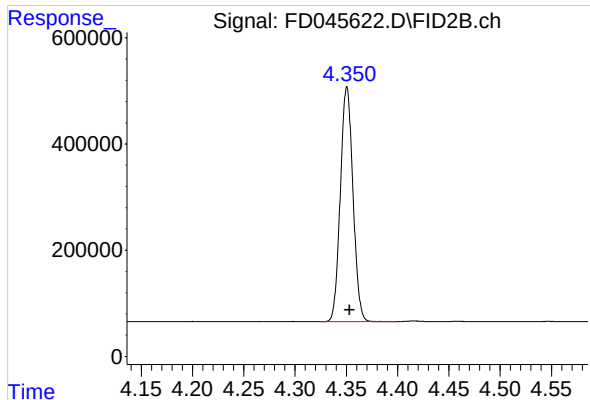
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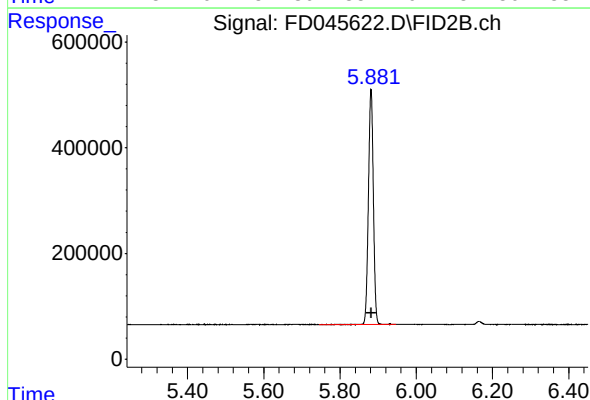




#1 1,2,3-Trimethylbenzene (C10.1)

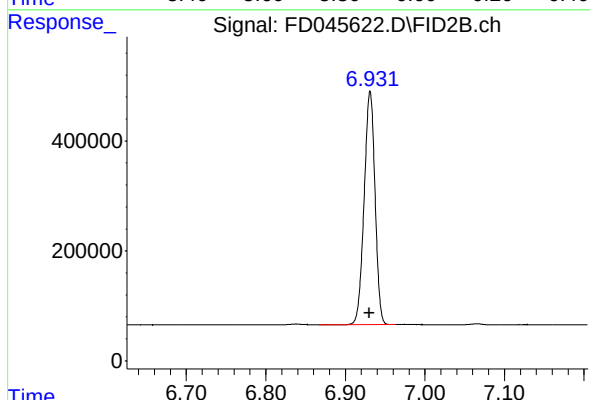
R.T.: 4.351 min
Delta R.T.: -0.002 min
Response: 3791819
Conc: 20.31 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



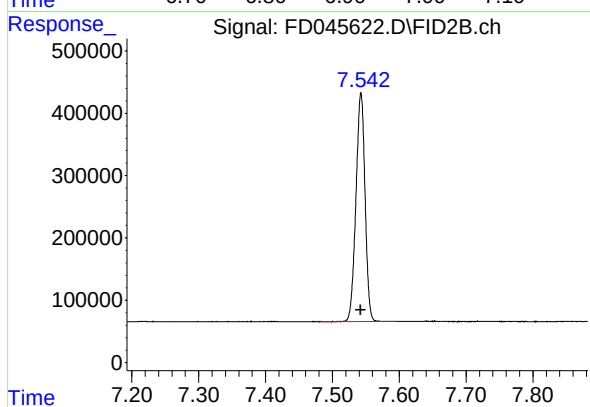
#2 Naphthalene (C11.7)

R.T.: 5.881 min
Delta R.T.: 0.000 min
Response: 4014051
Conc: 20.41 ug/ml



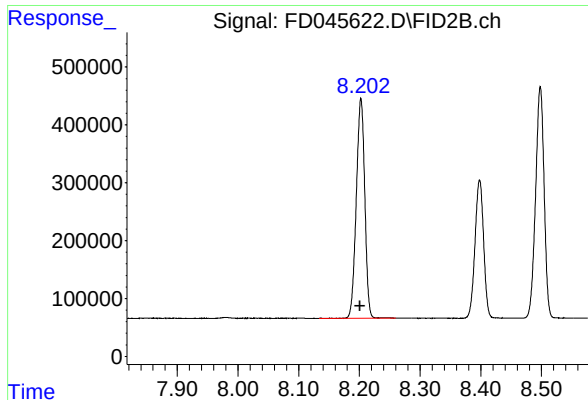
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.931 min
Delta R.T.: 0.000 min
Response: 4030152
Conc: 20.40 ug/ml



#4 2-Bromonaphthalene (SURR)

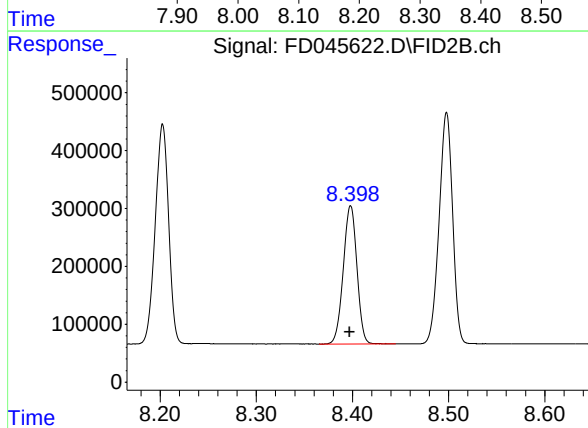
R.T.: 7.543 min
Delta R.T.: 0.000 min
Response: 3465917
Conc: 20.32 ug/ml



#5 Acenaphthylene (C15.06)

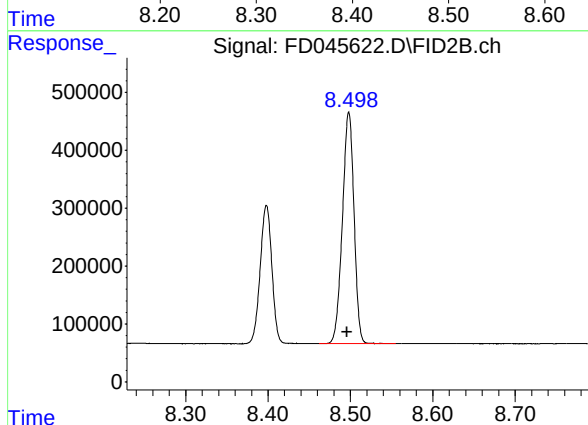
R.T.: 8.203 min
Delta R.T.: 0.001 min
Response: 3676376
Conc: 20.46 ug/ml

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20 PPM AROMATIC HC STD



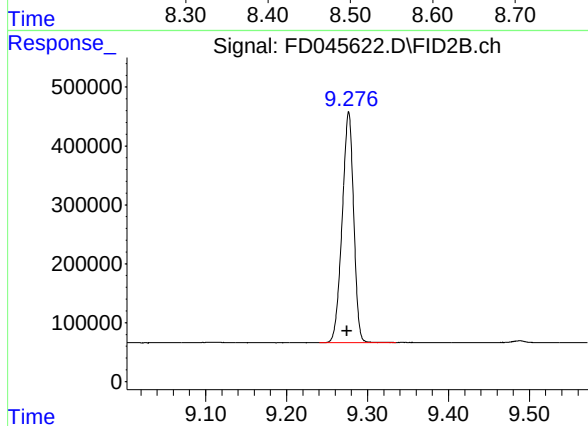
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.398 min
Delta R.T.: 0.000 min
Response: 2354211
Conc: 20.48 ug/ml



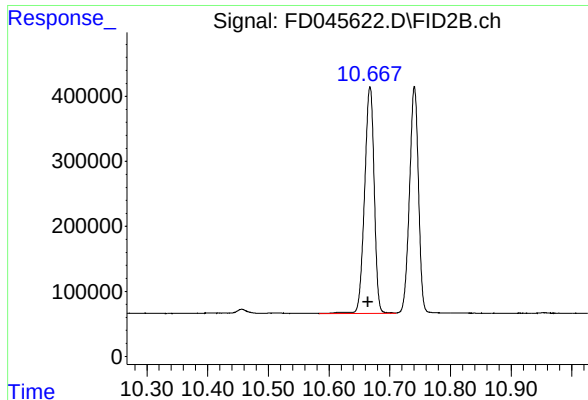
#7 Acenaphthene (C15.5)

R.T.: 8.498 min
Delta R.T.: 0.002 min
Response: 3904890
Conc: 20.52 ug/ml



#8 Fluorene (C16.55)

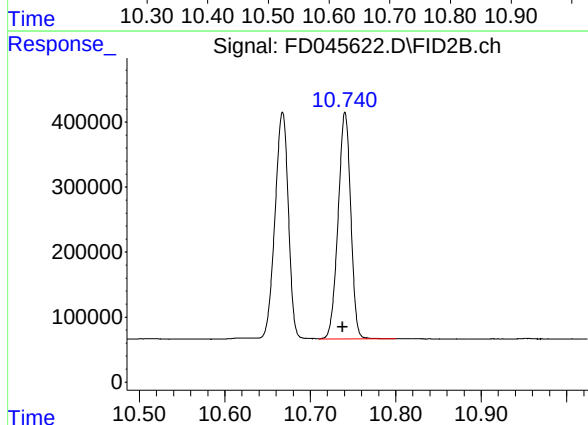
R.T.: 9.277 min
Delta R.T.: 0.002 min
Response: 3872393
Conc: 20.53 ug/ml



#9 Phenanthrene (C19.36)

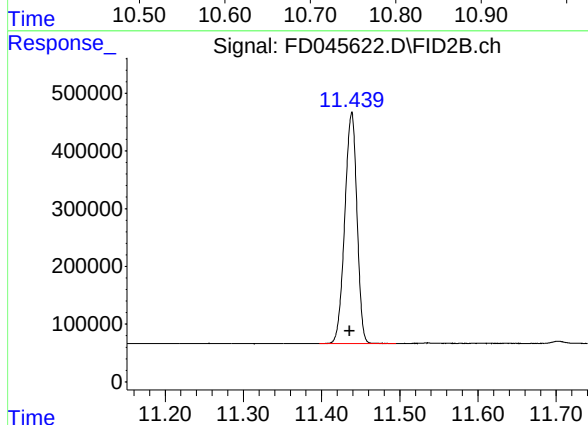
R.T.: 10.667 min
Delta R.T.: 0.003 min
Response: 3836473
Conc: 20.64 ug/ml

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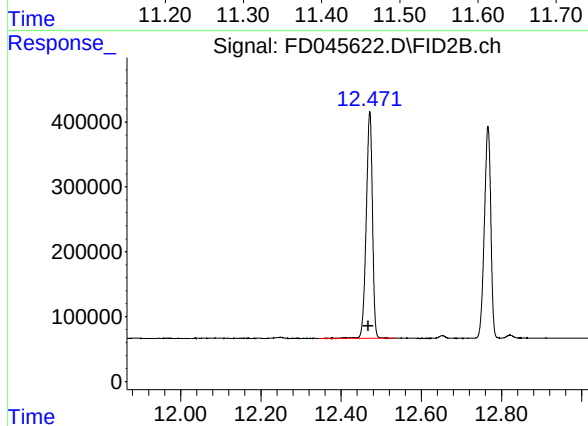
#10 Anthracene (C19.43)

R.T.: 10.741 min
Delta R.T.: 0.003 min
Response: 3587611
Conc: 20.07 ug/ml



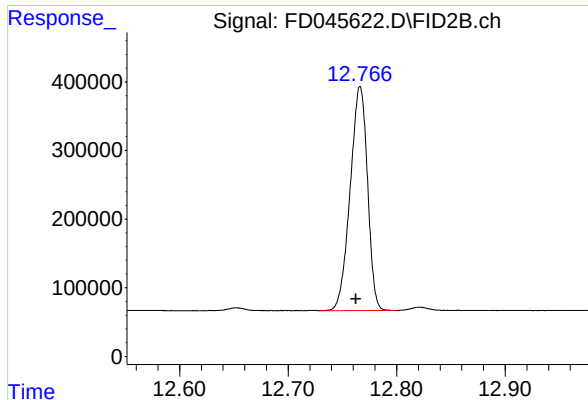
#11 ortho-Terphenyl (SURR)

R.T.: 11.438 min
Delta R.T.: 0.002 min
Response: 4340426
Conc: 20.56 ug/ml



#12 Fluoranthene (C21.85)

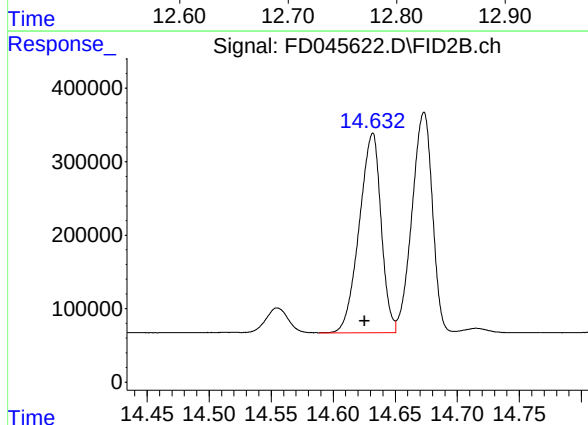
R.T.: 12.471 min
Delta R.T.: 0.003 min
Response: 3756684
Conc: 20.82 ug/ml



#13 Pyrene (C20.8)

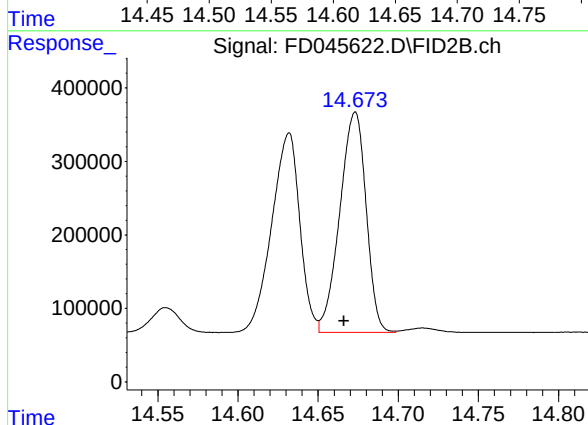
R.T.: 12.766 min
Delta R.T.: 0.004 min
Response: 3622673
Conc: 20.67 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



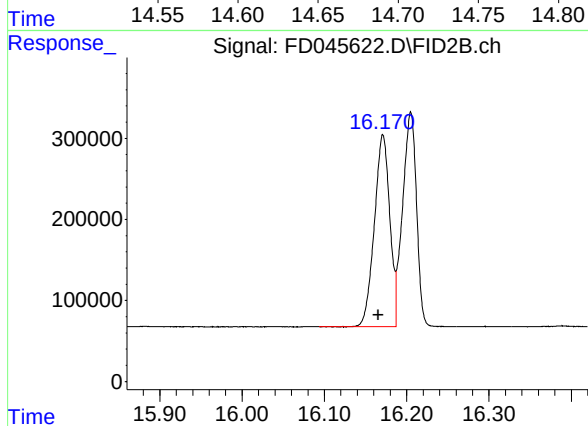
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.631 min
Delta R.T.: 0.006 min
Response: 3326696
Conc: 20.90 ug/ml



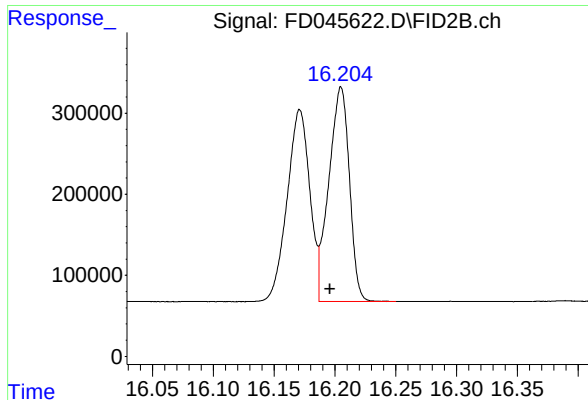
#15 Chrysene (C27.41)

R.T.: 14.673 min
Delta R.T.: 0.007 min
Response: 3435891
Conc: 21.16 ug/ml



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

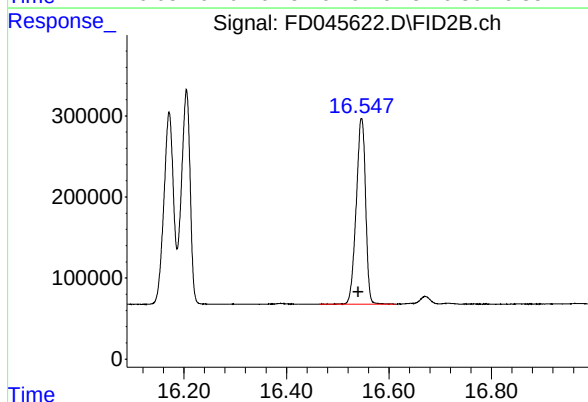
R.T.: 16.171 min
Delta R.T.: 0.005 min
Response: 3073828
Conc: 20.87 ug/ml



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

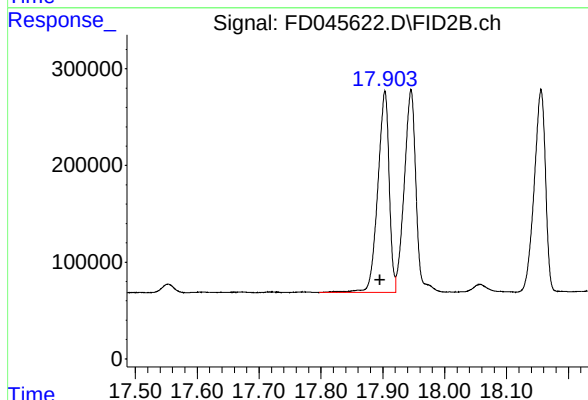
R.T.: 16.205 min
Delta R.T.: 0.009 min
Response: 3117393
Conc: 21.56 ug/ml

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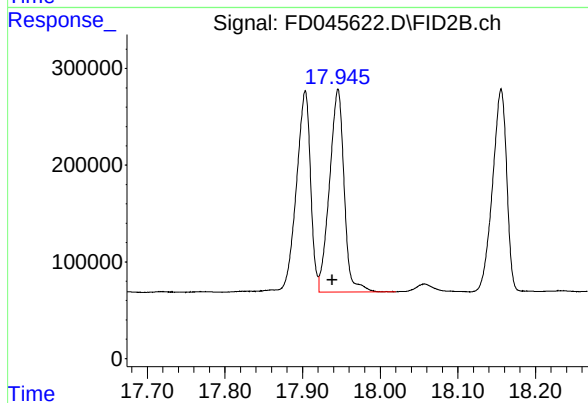
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.546 min
Delta R.T.: 0.006 min
Response: 2917052
Conc: 20.92 ug/ml



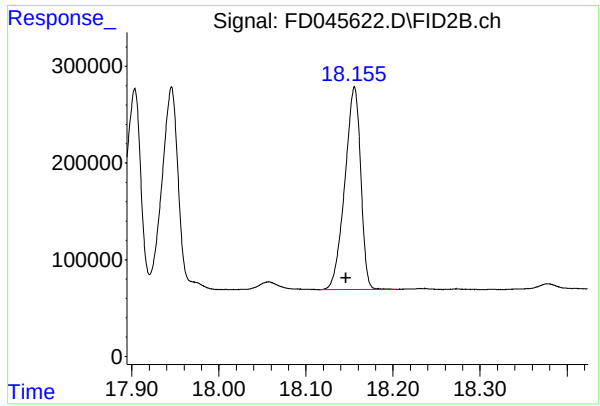
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.903 min
Delta R.T.: 0.008 min
Response: 2666329
Conc: 20.99 ug/ml



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

R.T.: 17.945 min
Delta R.T.: 0.007 min
Response: 2753100
Conc: 21.44 ug/ml



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

R.T.: 18.156 min
Delta R.T.: 0.010 min
Response: 2659460
Conc: 20.68 ug/ml

Instrument :

FID_D

ClientSampleId :

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