

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052423AR\
 Data File : FD045738.D
 Signal(s) : FID2B.ch
 Acq On : 24 May 2023 12:36
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 25 02:51:45 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...	7.540	3455086	20.256 ug/ml
Spiked Amount 50.000		Recovery =	40.51%
6) S 2-Fluorobiphenyl (SURR)	8.395	2281508	19.844 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.69%
11) S ortho-Terphenyl (SURR)	11.435	4226174	20.018 ug/ml
Spiked Amount 50.000		Recovery =	40.04%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.349	3879791	20.785 ug/ml
2) T Naphthalene (C11.7)	5.879	4043309	20.556 ug/ml
3) T 2-Methylnaphthalene (...)	6.928	4035892	20.430 ug/ml
5) T Acenaphthylene (C15.06)	8.199	3617513	20.135 ug/ml
7) T Acenaphthene (C15.5)	8.495	3858240	20.275 ug/ml
8) T Flouorene (C16.55)	9.273	3763502	19.956 ug/ml
9) T Phenanthrene (C19.36)	10.664	3655644	19.667 ug/ml
10) T Anthracene (C19.43)	10.737	3316668	18.552 ug/ml
12) T Fluoranthene (C21.85)	12.467	3490005	19.346 ug/ml
13) T Pyrene (C20.8)	12.762	3361543	19.180 ug/ml
14) T Benzo[a]anthracene (C...	14.625	2926974	18.389 ug/ml
15) T Chrysene (C27.41)	14.668	3032344	18.675 ug/ml
16) T benzo[b]fluoranthene ...	16.167	2831053	19.223 ug/ml
17) T Bnezo[k]fluoranthene ...	16.200	2779916	19.226 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.543	2735838	19.622 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.899	2670523	21.019 ug/ml
20) T Dibenz[a,h]anthracene...	17.941	2757109	21.468 ug/ml
21) T Benzo[g,h,i]perylene ...	18.152	2764495	21.493 ug/ml

(f)=RT Delta > 1/2 Window

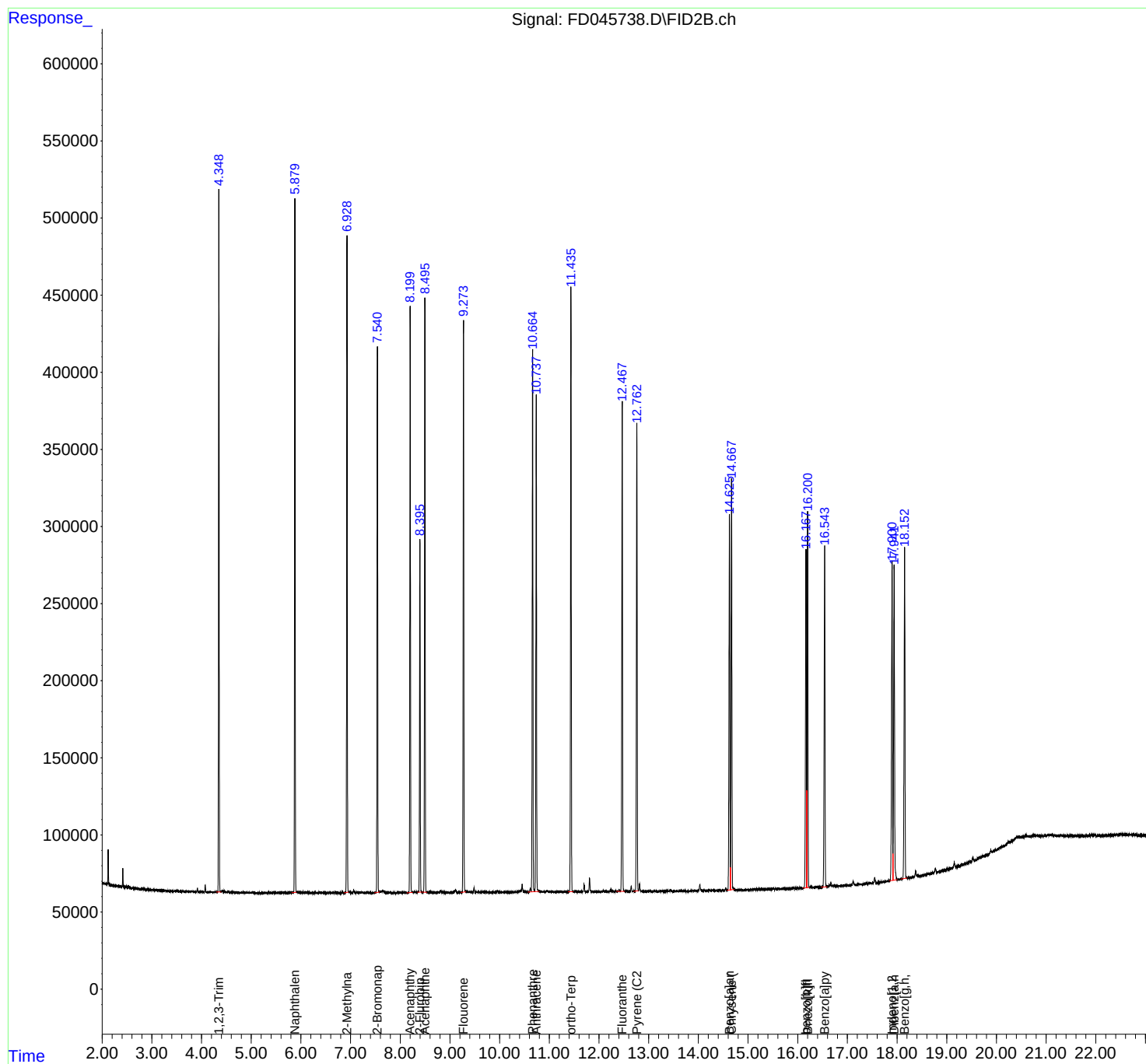
(m)=manual int.

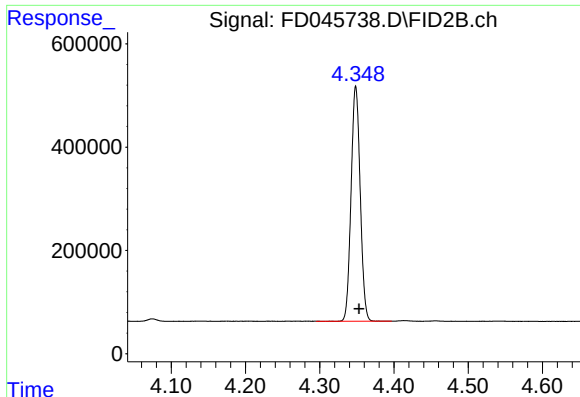
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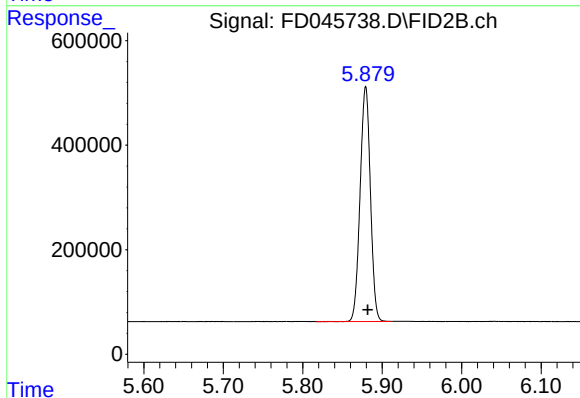




#1 1,2,3-Trimethylbenzene (C10.1)

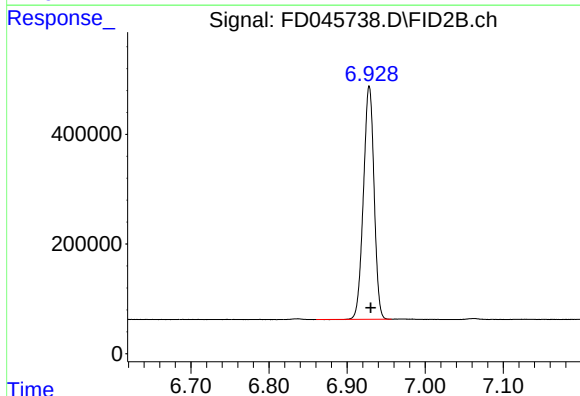
R.T.: 4.349 min
Delta R.T.: -0.004 min
Response: 3879791
Conc: 20.78 ug/ml

Instrument :
FID_D
ClientSampleId :



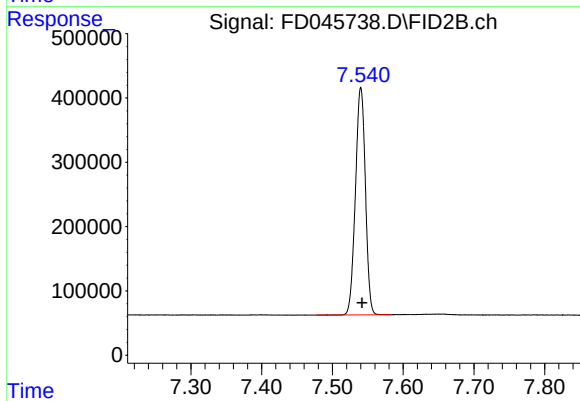
#2 Naphthalene (C11.7)

R.T.: 5.879 min
Delta R.T.: -0.003 min
Response: 4043309
Conc: 20.56 ug/ml



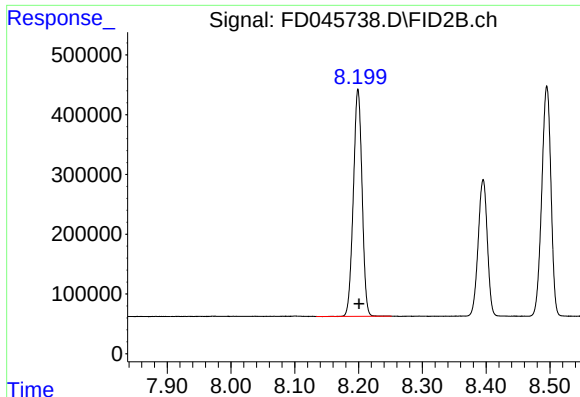
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.928 min
Delta R.T.: -0.002 min
Response: 4035892
Conc: 20.43 ug/ml



#4 2-Bromonaphthalene (SURR)

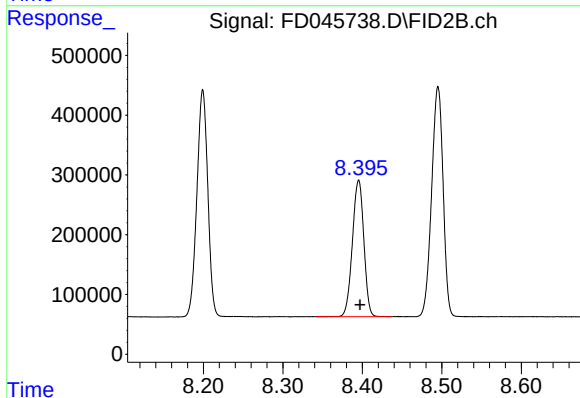
R.T.: 7.540 min
Delta R.T.: -0.002 min
Response: 3455086
Conc: 20.26 ug/ml



#5 Acenaphthylene (C15.06)

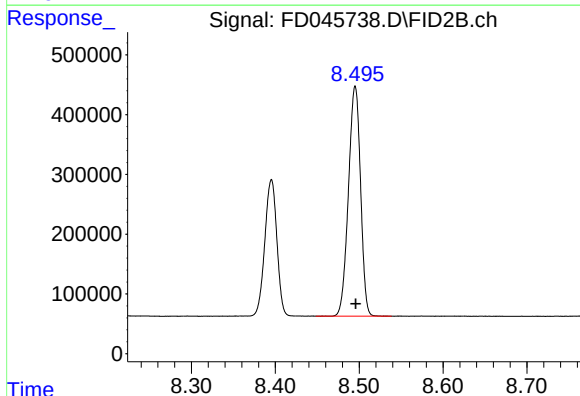
R.T.: 8.199 min
Delta R.T.: -0.002 min
Response: 3617513
Conc: 20.13 ug/ml

Instrument :
FID_D
ClientSampleId :



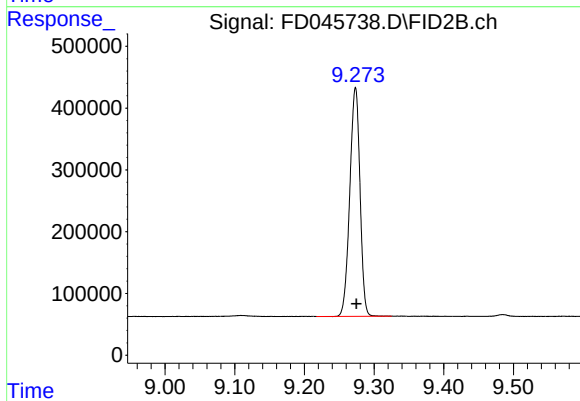
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.395 min
Delta R.T.: -0.002 min
Response: 2281508
Conc: 19.84 ug/ml



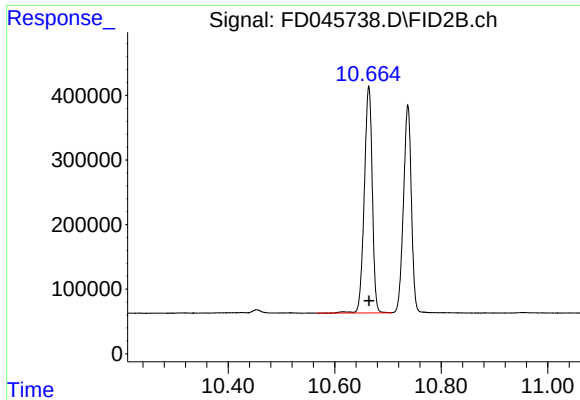
#7 Acenaphthene (C15.5)

R.T.: 8.495 min
Delta R.T.: 0.000 min
Response: 3858240
Conc: 20.27 ug/ml



#8 Flouorene (C16.55)

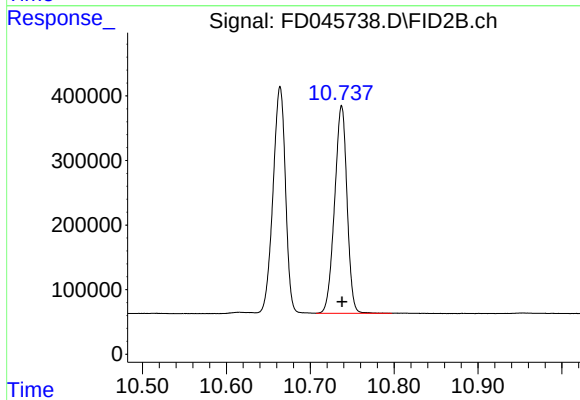
R.T.: 9.273 min
Delta R.T.: -0.001 min
Response: 3763502
Conc: 19.96 ug/ml



#9 Phenanthrene (C19.36)

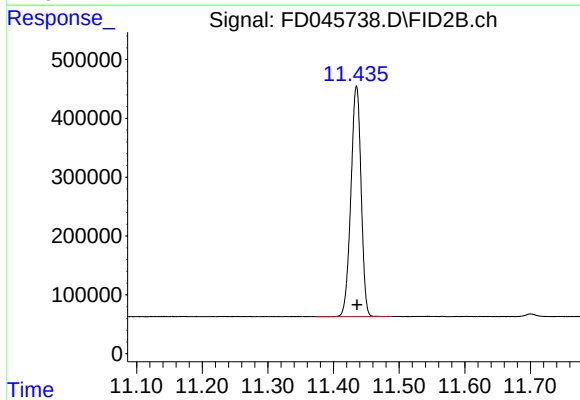
R.T.: 10.664 min
Delta R.T.: 0.000 min
Response: 3655644
Conc: 19.67 ug/ml

Instrument :
FID_D
ClientSampleId :



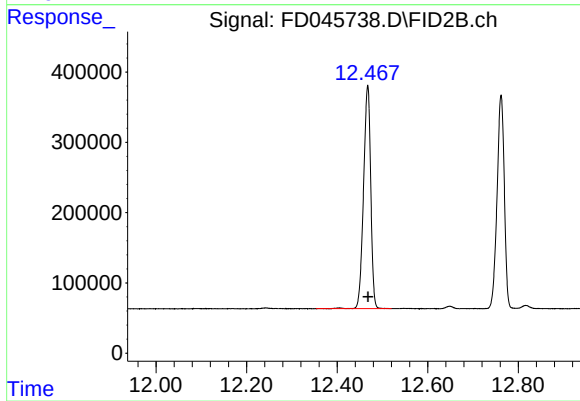
#10 Anthracene (C19.43)

R.T.: 10.737 min
Delta R.T.: 0.000 min
Response: 3316668
Conc: 18.55 ug/ml



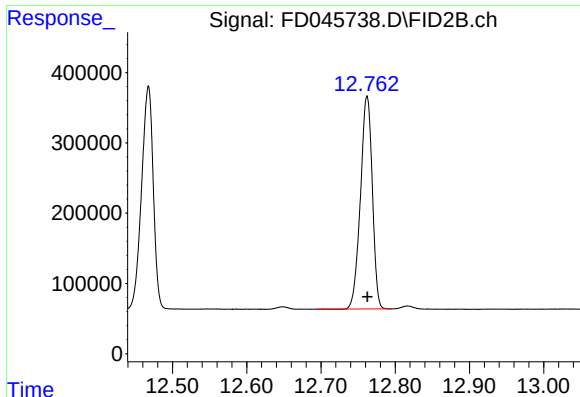
#11 ortho-Terphenyl (SURR)

R.T.: 11.435 min
Delta R.T.: -0.001 min
Response: 4226174
Conc: 20.02 ug/ml



#12 Fluoranthene (C21.85)

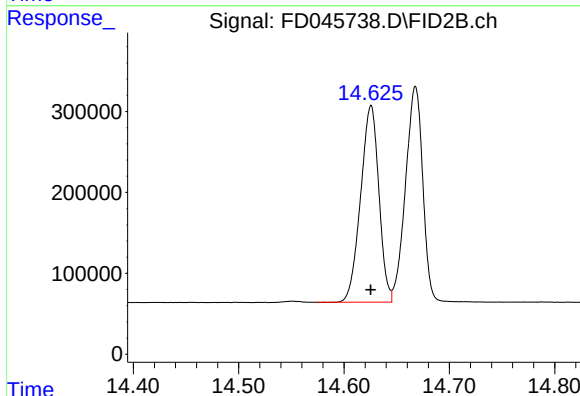
R.T.: 12.467 min
Delta R.T.: 0.000 min
Response: 3490005
Conc: 19.35 ug/ml



#13 Pyrene (C20.8)

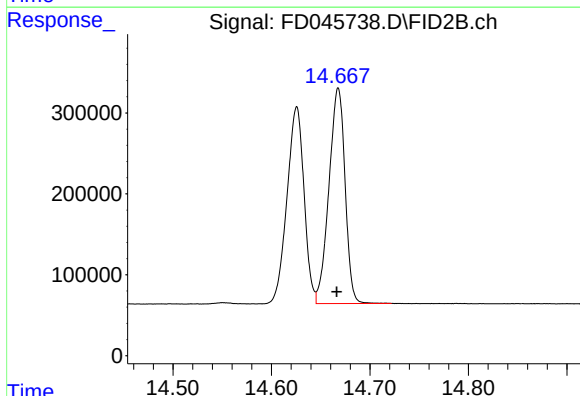
R.T.: 12.762 min
Delta R.T.: 0.000 min
Response: 3361543
Conc: 19.18 ug/ml

Instrument :
FID_D
ClientSampleId :



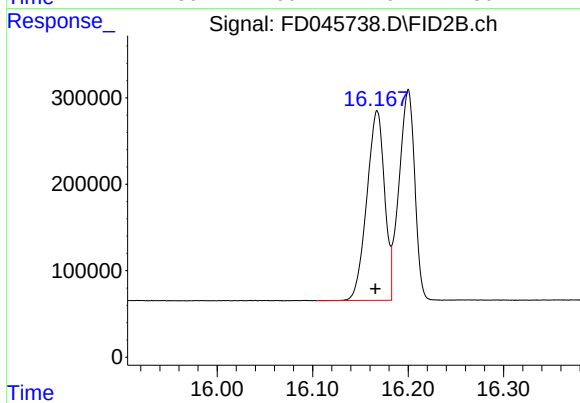
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.625 min
Delta R.T.: 0.000 min
Response: 2926974
Conc: 18.39 ug/ml



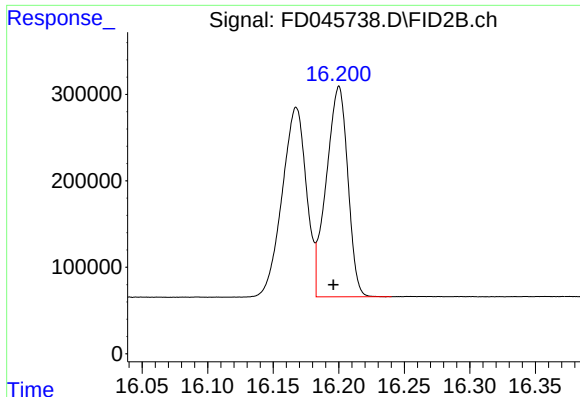
#15 Chrysene (C27.41)

R.T.: 14.668 min
Delta R.T.: 0.002 min
Response: 3032344
Conc: 18.67 ug/ml



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

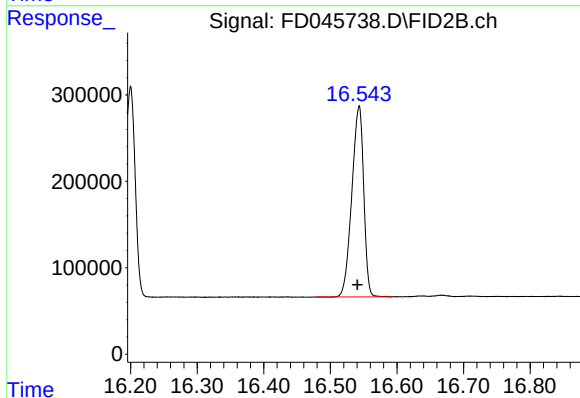
R.T.: 16.167 min
Delta R.T.: 0.002 min
Response: 2831053
Conc: 19.22 ug/ml



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

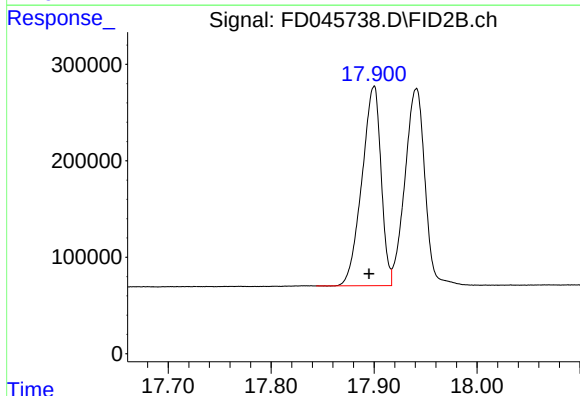
R.T.: 16.200 min
Delta R.T.: 0.004 min
Response: 2779916
Conc: 19.23 ug/ml

Instrument :
FID_D
ClientSampleId :



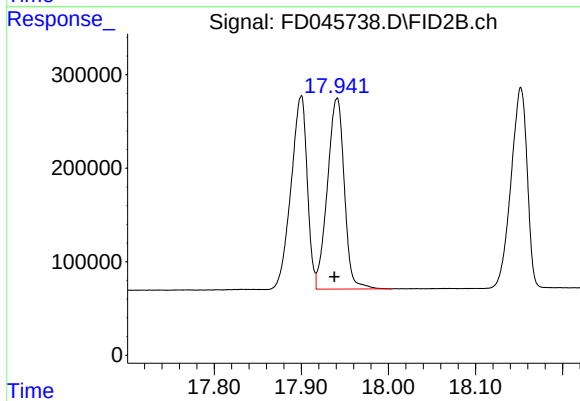
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.543 min
Delta R.T.: 0.002 min
Response: 2735838
Conc: 19.62 ug/ml



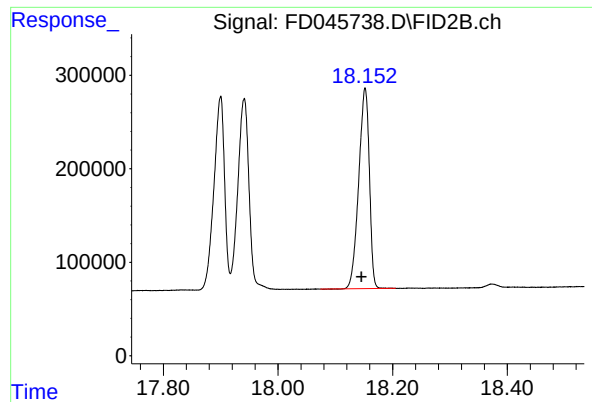
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.899 min
Delta R.T.: 0.004 min
Response: 2670523
Conc: 21.02 ug/ml



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

R.T.: 17.941 min
Delta R.T.: 0.003 min
Response: 2757109
Conc: 21.47 ug/ml



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

R.T.: 18.152 min
Delta R.T.: 0.006 min
Response: 2764495
Conc: 21.49 ug/ml

Instrument :

FID_D

ClientSampleId :