

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052423AR\
 Data File : FD045735.D
 Signal(s) : FID2B.ch
 Acq On : 24 May 2023 10:07
 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 02:51:22 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...	7.541	3443993	20.191 ug/ml
Spiked Amount 50.000		Recovery =	40.38%
6) S 2-Fluorobiphenyl (SURR)	8.396	2284504	19.870 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.74%
11) S ortho-Terphenyl (SURR)	11.437	4211701	19.949 ug/ml
Spiked Amount 50.000		Recovery =	39.90%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.349	3856132	20.658 ug/ml
2) T Naphthalene (C11.7)	5.880	4024761	20.461 ug/ml
3) T 2-Methylnaphthalene (...)	6.930	4047017	20.486 ug/ml
5) T Acenaphthylene (C15.06)	8.201	3606890	20.076 ug/ml
7) T Acenaphthene (C15.5)	8.496	3838629	20.172 ug/ml
8) T Flouorene (C16.55)	9.275	3756450	19.918 ug/ml
9) T Phenanthrene (C19.36)	10.666	3650080	19.637 ug/ml
10) T Anthracene (C19.43)	10.740	3326472	18.607 ug/ml
12) T Fluoranthene (C21.85)	12.469	3469006	19.230 ug/ml
13) T Pyrene (C20.8)	12.764	3352454	19.128 ug/ml
14) T Benzo[a]anthracene (C...	14.627	2931604	18.418 ug/ml
15) T Chrysene (C27.41)	14.669	3038280	18.711 ug/ml
16) T benzo[b]fluoranthene ...	16.168	2831221	19.224 ug/ml
17) T Bnezo[k]fluoranthene ...	16.201	2780271	19.228 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.543	2736822	19.629 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.900	2673952	21.046 ug/ml
20) T Dibenz[a,h]anthracene...	17.943	2753388	21.439 ug/ml
21) T Benzo[g,h,i]perylene ...	18.153	2767473	21.516 ug/ml

(f)=RT Delta > 1/2 Window

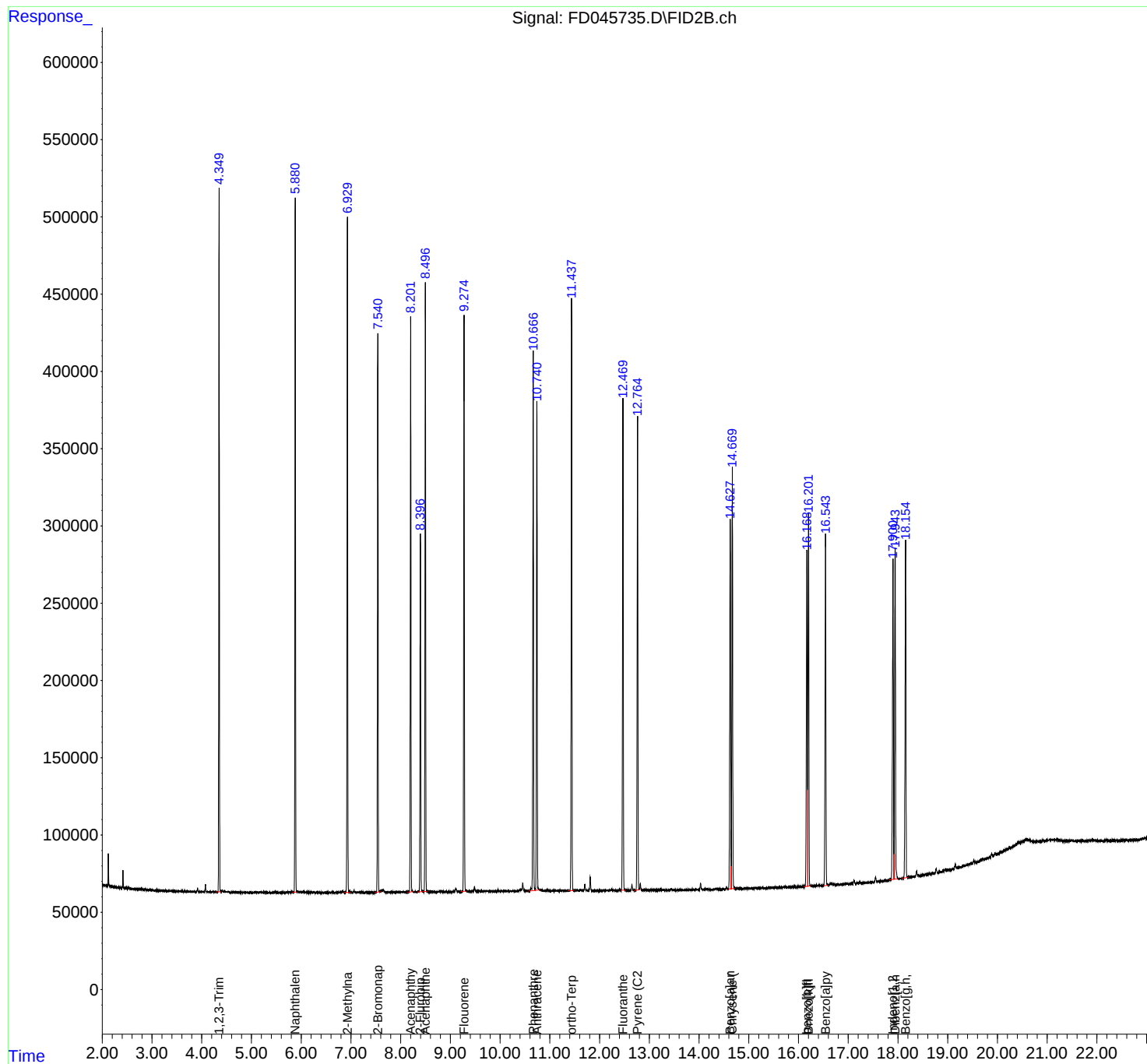
(m)=manual int.

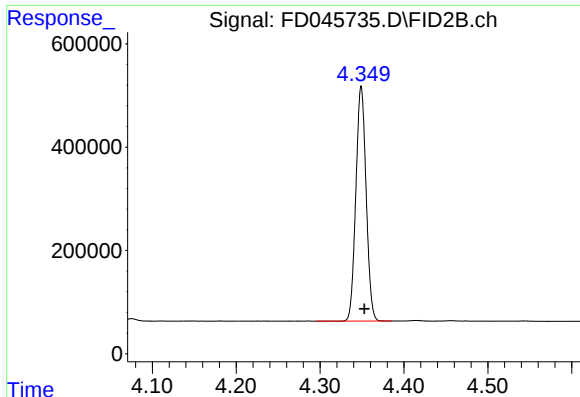
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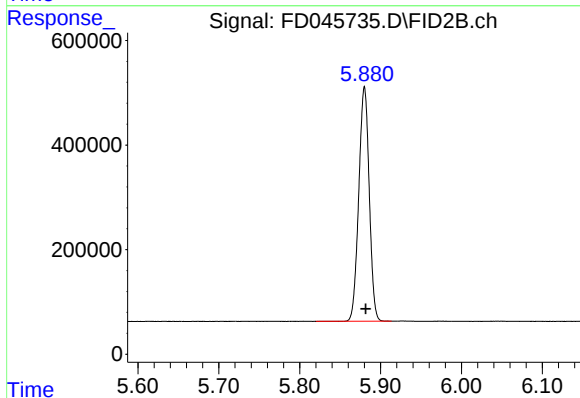




#1 1,2,3-Trimethylbenzene (C10.1)

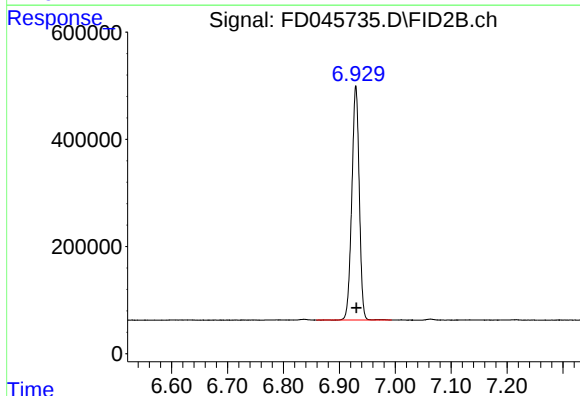
R.T.: 4.349 min
Delta R.T.: -0.004 min
Response: 3856132
Conc: 20.66 ug/ml

Instrument :
FID_D
ClientSampleId :



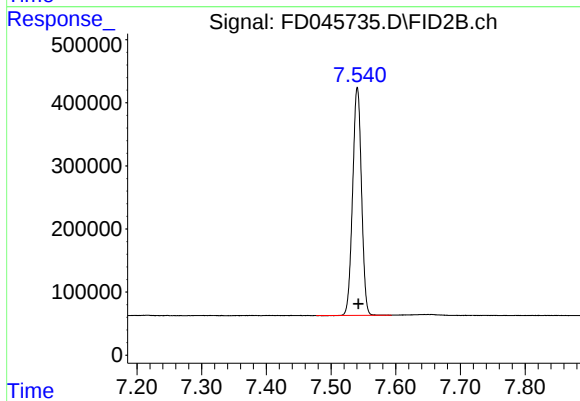
#2 Naphthalene (C11.7)

R.T.: 5.880 min
Delta R.T.: -0.002 min
Response: 4024761
Conc: 20.46 ug/ml



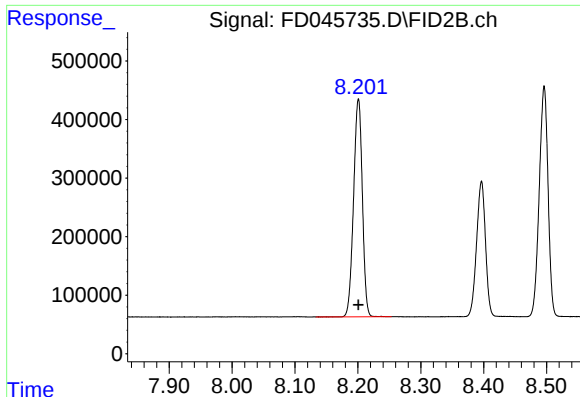
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.930 min
Delta R.T.: 0.000 min
Response: 4047017
Conc: 20.49 ug/ml



#4 2-Bromonaphthalene (SURR)

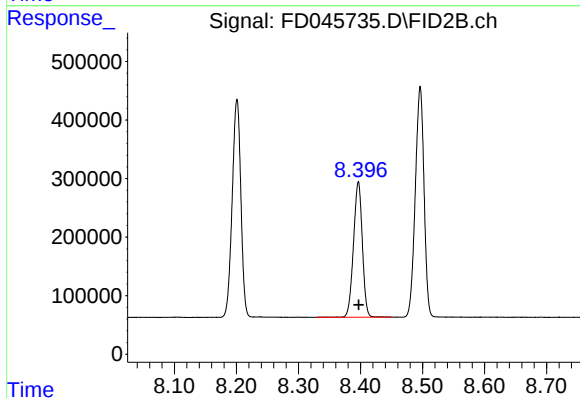
R.T.: 7.541 min
Delta R.T.: -0.001 min
Response: 3443993
Conc: 20.19 ug/ml



#5 Acenaphthylene (C15.06)

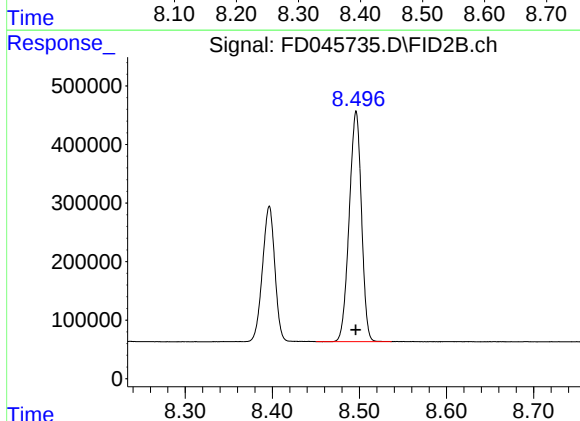
R.T.: 8.201 min
Delta R.T.: 0.000 min
Response: 3606890
Conc: 20.08 ug/ml

Instrument :
FID_D
ClientSampleId :



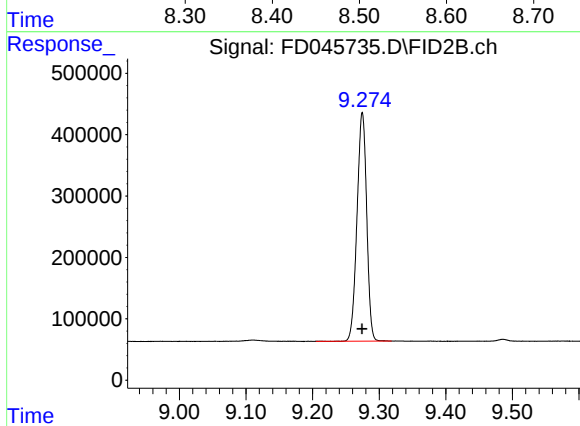
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.396 min
Delta R.T.: 0.000 min
Response: 2284504
Conc: 19.87 ug/ml



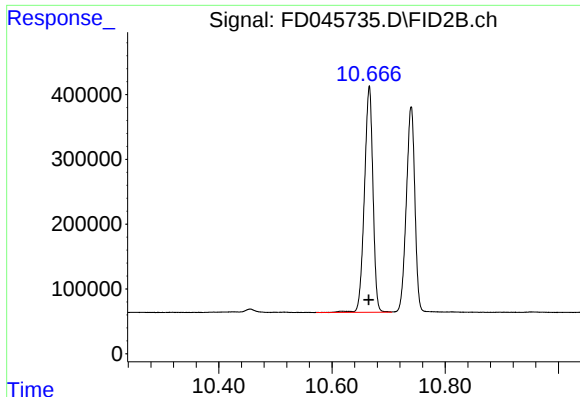
#7 Acenaphthene (C15.5)

R.T.: 8.496 min
Delta R.T.: 0.000 min
Response: 3838629
Conc: 20.17 ug/ml



#8 Flouorene (C16.55)

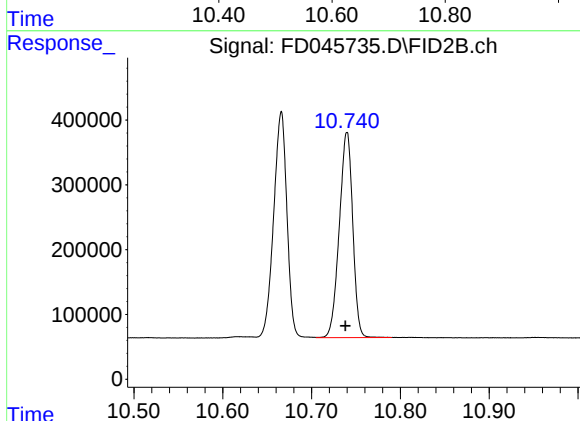
R.T.: 9.275 min
Delta R.T.: 0.000 min
Response: 3756450
Conc: 19.92 ug/ml



#9 Phenanthrene (C19.36)

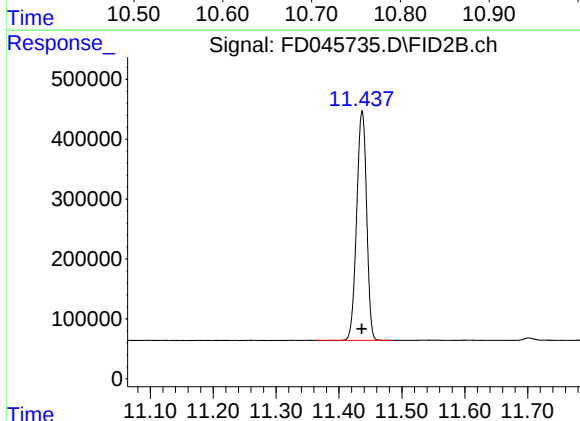
R.T.: 10.666 min
Delta R.T.: 0.001 min
Response: 3650080
Conc: 19.64 ug/ml

Instrument :
FID_D
ClientSampleId :



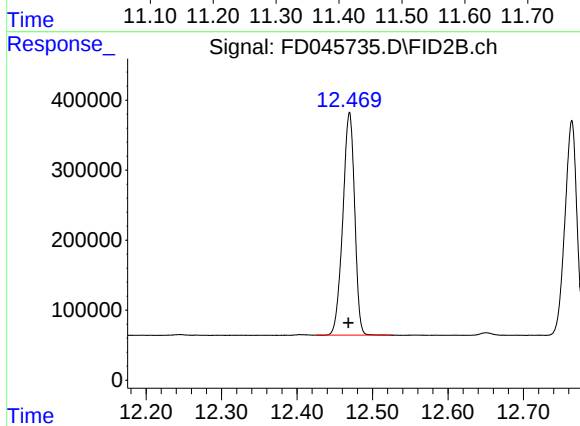
#10 Anthracene (C19.43)

R.T.: 10.740 min
Delta R.T.: 0.002 min
Response: 3326472
Conc: 18.61 ug/ml



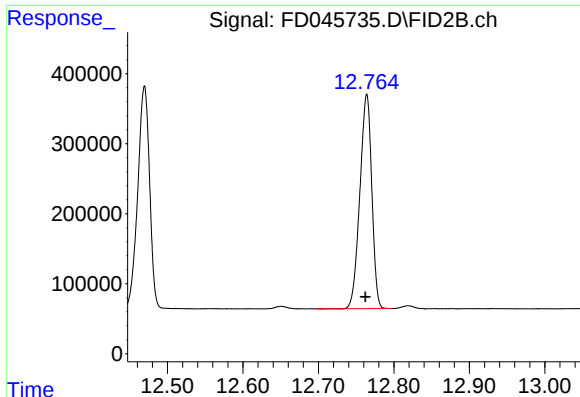
#11 ortho-Terphenyl (SURR)

R.T.: 11.437 min
Delta R.T.: 0.000 min
Response: 4211701
Conc: 19.95 ug/ml



#12 Fluoranthene (C21.85)

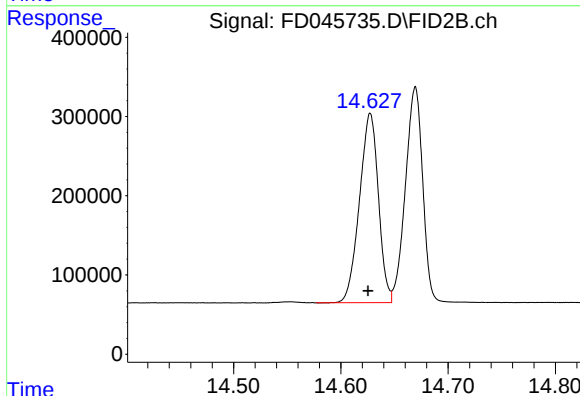
R.T.: 12.469 min
Delta R.T.: 0.001 min
Response: 3469006
Conc: 19.23 ug/ml



#13 Pyrene (C20.8)

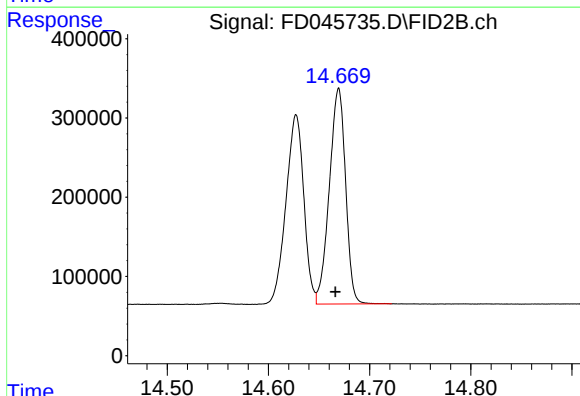
R.T.: 12.764 min
Delta R.T.: 0.001 min
Response: 3352454
Conc: 19.13 ug/ml

Instrument :
FID_D
ClientSampleId :



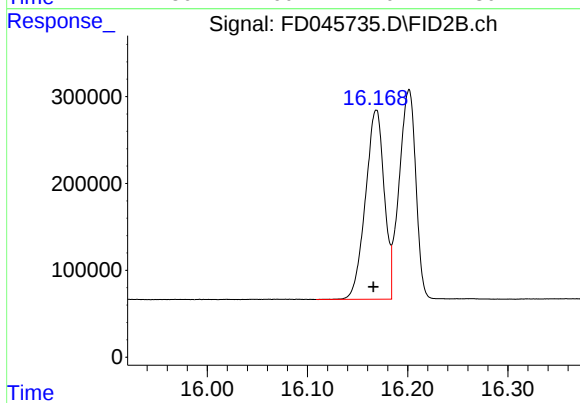
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.627 min
Delta R.T.: 0.002 min
Response: 2931604
Conc: 18.42 ug/ml



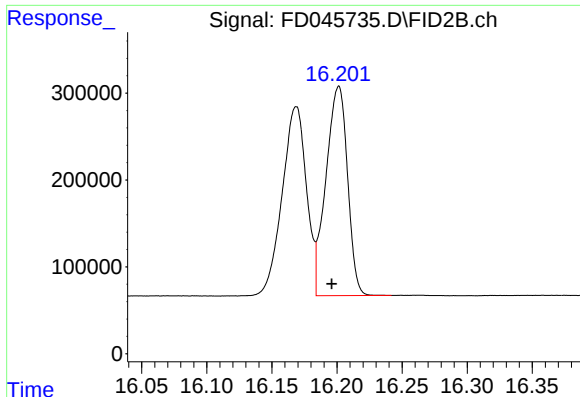
#15 Chrysene (C27.41)

R.T.: 14.669 min
Delta R.T.: 0.003 min
Response: 3038280
Conc: 18.71 ug/ml



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

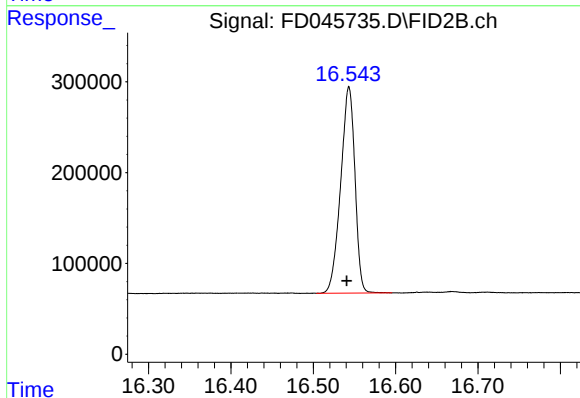
R.T.: 16.168 min
Delta R.T.: 0.003 min
Response: 2831221
Conc: 19.22 ug/ml



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

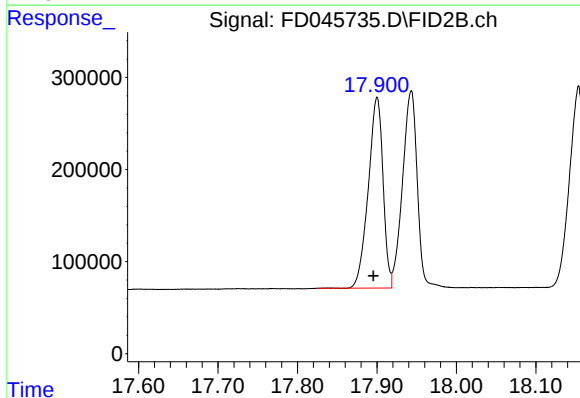
R.T.: 16.201 min
Delta R.T.: 0.005 min
Response: 2780271
Conc: 19.23 ug/ml

Instrument :
FID_D
ClientSampleId :



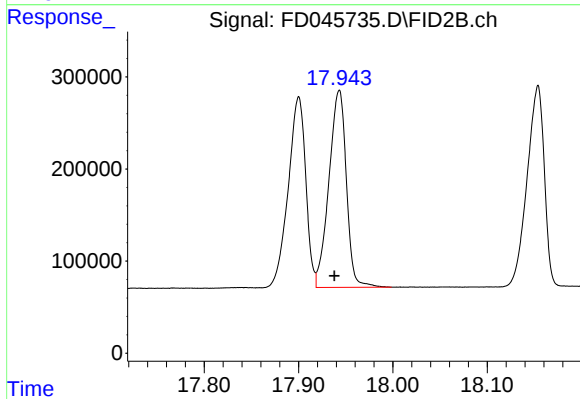
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.543 min
Delta R.T.: 0.003 min
Response: 2736822
Conc: 19.63 ug/ml



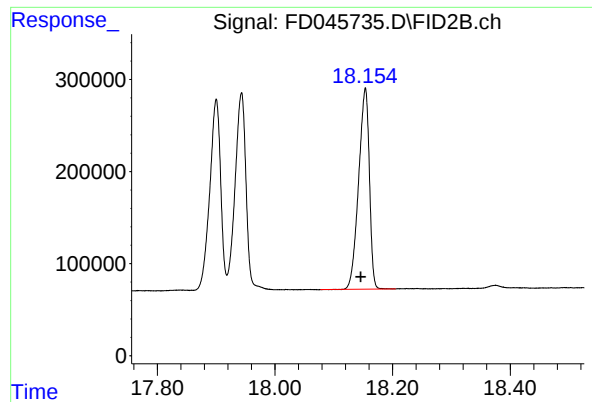
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.900 min
Delta R.T.: 0.005 min
Response: 2673952
Conc: 21.05 ug/ml



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

R.T.: 17.943 min
Delta R.T.: 0.005 min
Response: 2753388
Conc: 21.44 ug/ml



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

R.T.: 18.153 min
Delta R.T.: 0.007 min
Response: 2767473
Conc: 21.52 ug/ml

Instrument :

FID_D

ClientSampleId :