

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052423AR\
 Data File : FD045742.D
 Signal(s) : FID2B.ch
 Acq On : 24 May 2023 18:02
 Operator : YP/AJ
 Sample : PB153015BSD
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 25 02:52:17 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	6926045	40.605 ug/ml
Spiked Amount 50.000		Recovery =	81.21%
6) S 2-Fluorobiphenyl (SURR)	8.397	3251986	28.284 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	56.57%
11) S ortho-Terphenyl (SURR)	11.439	9599110	45.467 ug/ml
Spiked Amount 50.000		Recovery =	90.93%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.350	5420901	29.041 ug/ml
2) T Naphthalene (C11.7)	5.880	6461998	32.852 ug/ml
3) T 2-Methylnaphthalene (...)	6.930	6677296	33.801 ug/ml
5) T Acenaphthylene (C15.06)	8.202	7531083	41.917 ug/ml
7) T Acenaphthene (C15.5)	8.498	7641382	40.155 ug/ml
8) T Flouorene (C16.55)	9.277	7651318	40.571 ug/ml
9) T Phenanthrene (C19.36)	10.668	7654243	41.180 ug/ml
10) T Anthracene (C19.43)	10.743	7683455	42.979 ug/ml
12) T Fluoranthene (C21.85)	12.474	7565647	41.939 ug/ml
13) T Pyrene (C20.8)	12.769	7528079	42.954 ug/ml
14) T Benzo[a]anthracene (C...	14.633	6853069	43.055 ug/ml
15) T Chrysene (C27.41)	14.677	6753054	41.588 ug/ml
16) T benzo[b]fluoranthene ...	16.176	6570563	44.614 ug/ml
17) T Bnezo[k]fluoranthene ...	16.211	6301216	43.579 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.551	5779853	41.454 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.909	5806558	45.702 ug/ml
20) T Dibenz[a,h]anthracene...	17.951	5967674	46.466 ug/ml
21) T Benzo[g,h,i]perylene ...	18.165	6011743	46.739 ug/ml

(f)=RT Delta > 1/2 Window

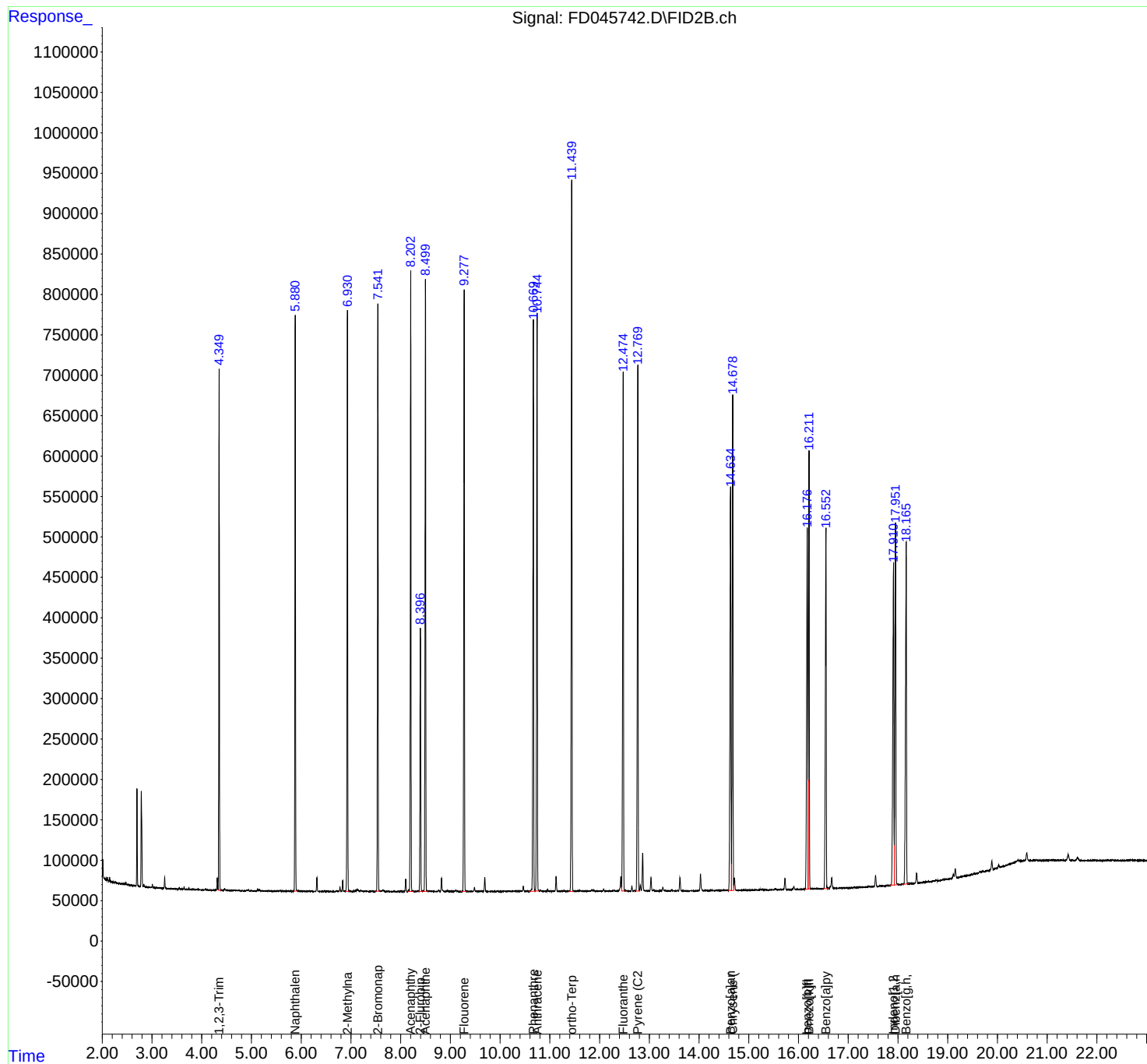
(m)=manual int.

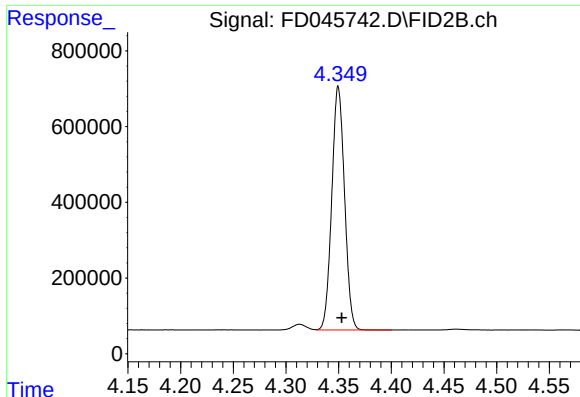
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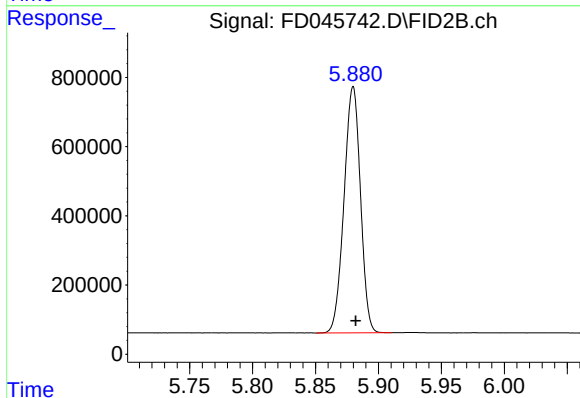




#1 1,2,3-Trimethylbenzene (C10.1)

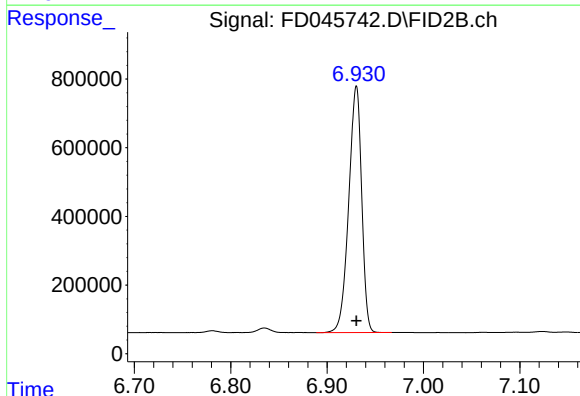
R.T.: 4.350 min
Delta R.T.: -0.003 min
Response: 5420901
Conc: 29.04 ug/ml

Instrument :
FID_D
ClientSampleId :



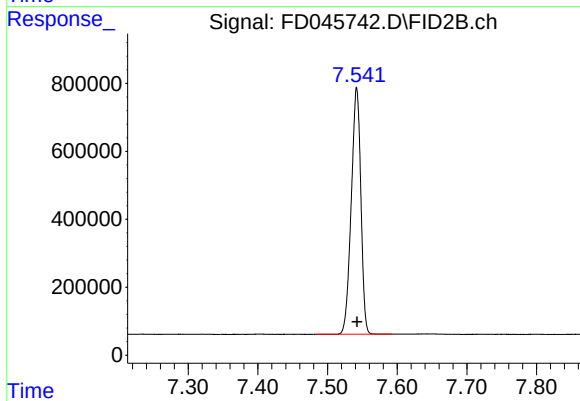
#2 Naphthalene (C11.7)

R.T.: 5.880 min
Delta R.T.: -0.002 min
Response: 6461998
Conc: 32.85 ug/ml



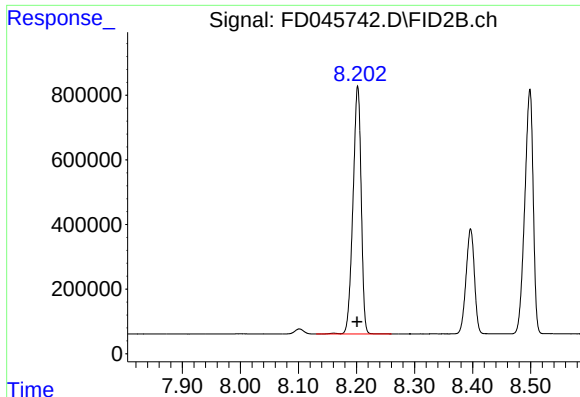
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.930 min
Delta R.T.: 0.000 min
Response: 6677296
Conc: 33.80 ug/ml



#4 2-Bromonaphthalene (SURR)

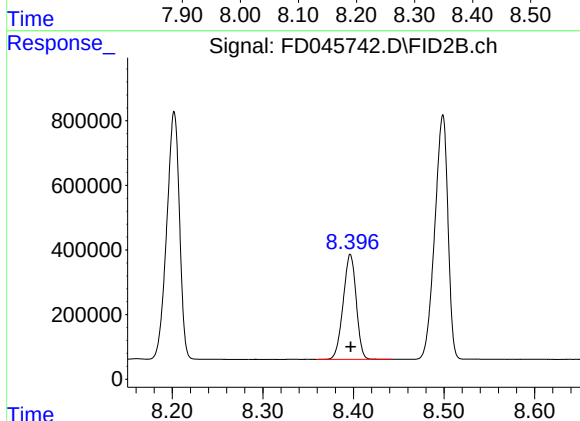
R.T.: 7.542 min
Delta R.T.: 0.000 min
Response: 6926045
Conc: 40.60 ug/ml



#5 Acenaphthylene (C15.06)

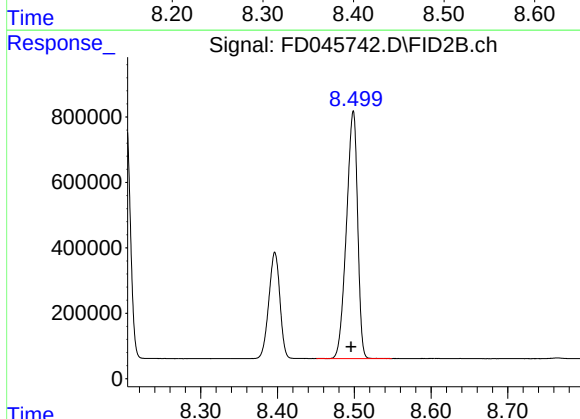
R.T.: 8.202 min
Delta R.T.: 0.000 min
Response: 7531083
Conc: 41.92 ug/ml

Instrument :
FID_D
ClientSampleId :



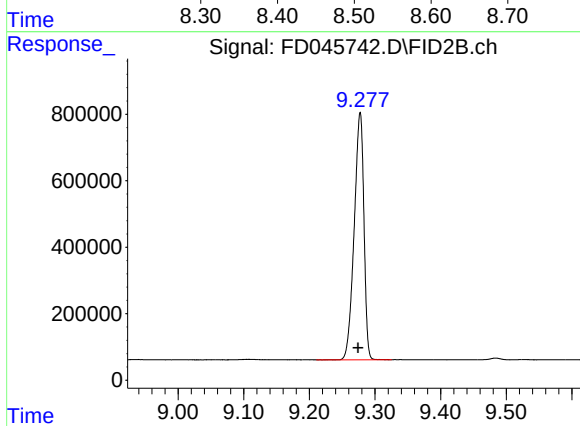
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.397 min
Delta R.T.: 0.000 min
Response: 3251986
Conc: 28.28 ug/ml



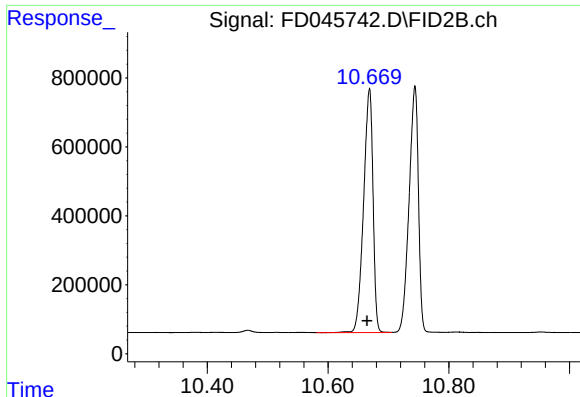
#7 Acenaphthene (C15.5)

R.T.: 8.498 min
Delta R.T.: 0.002 min
Response: 7641382
Conc: 40.15 ug/ml



#8 Fluorene (C16.55)

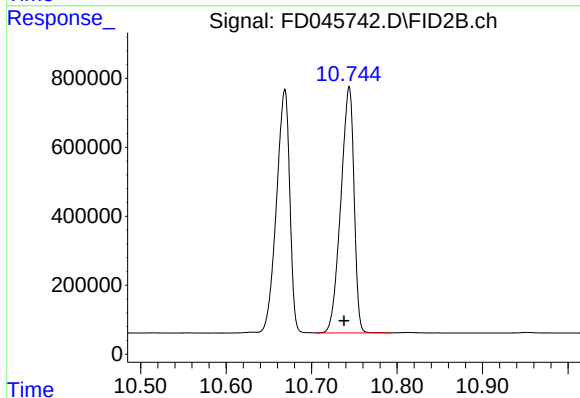
R.T.: 9.277 min
Delta R.T.: 0.003 min
Response: 7651318
Conc: 40.57 ug/ml



#9 Phenanthrene (C19.36)

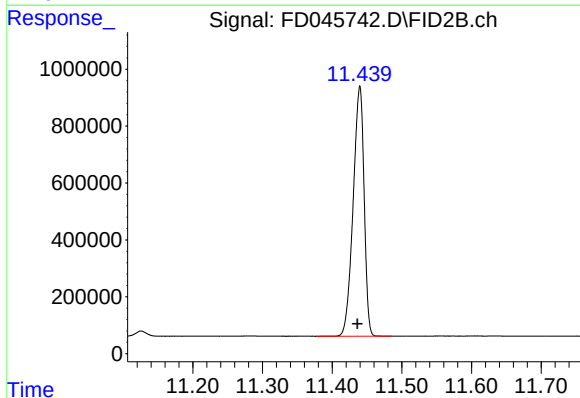
R.T.: 10.668 min
Delta R.T.: 0.004 min
Response: 7654243
Conc: 41.18 ug/ml

Instrument :
FID_D
ClientSampleId :



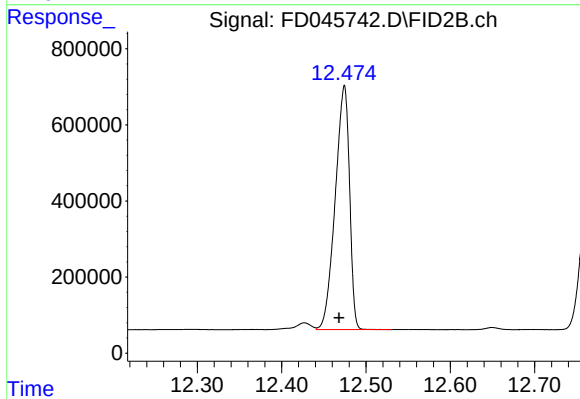
#10 Anthracene (C19.43)

R.T.: 10.743 min
Delta R.T.: 0.005 min
Response: 7683455
Conc: 42.98 ug/ml



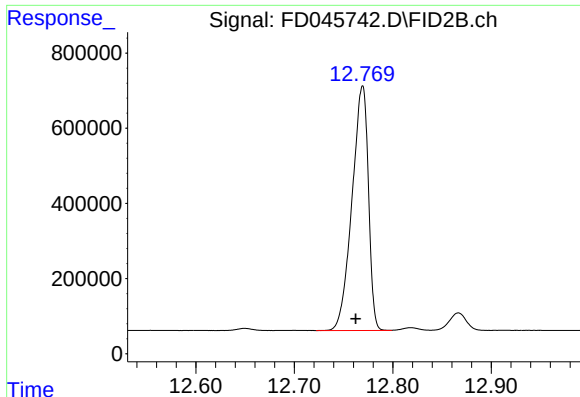
#11 ortho-Terphenyl (SURR)

R.T.: 11.439 min
Delta R.T.: 0.003 min
Response: 9599110
Conc: 45.47 ug/ml



#12 Fluoranthene (C21.85)

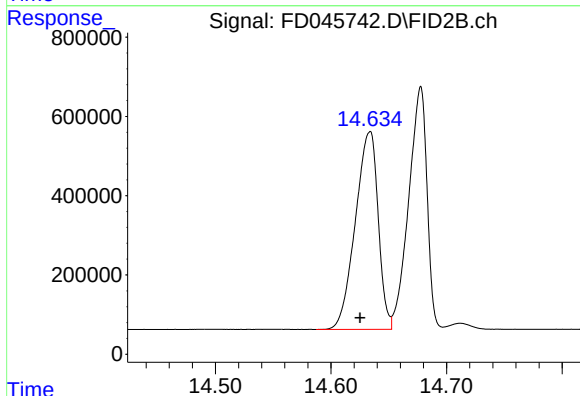
R.T.: 12.474 min
Delta R.T.: 0.006 min
Response: 7565647
Conc: 41.94 ug/ml



#13 Pyrene (C20.8)

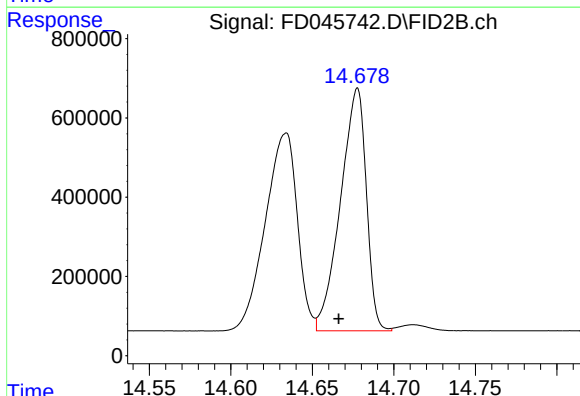
R.T.: 12.769 min
Delta R.T.: 0.006 min
Response: 7528079
Conc: 42.95 ug/ml

Instrument :
FID_D
ClientSampleId :



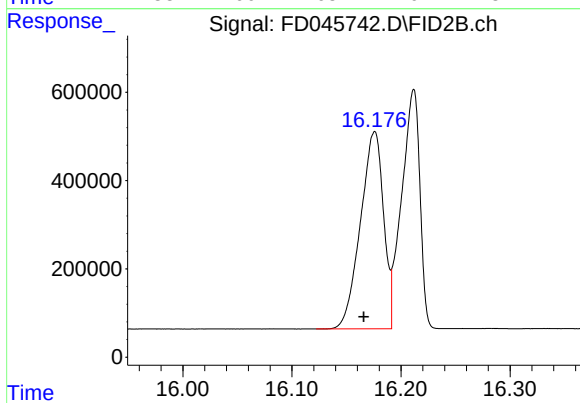
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.633 min
Delta R.T.: 0.008 min
Response: 6853069
Conc: 43.05 ug/ml



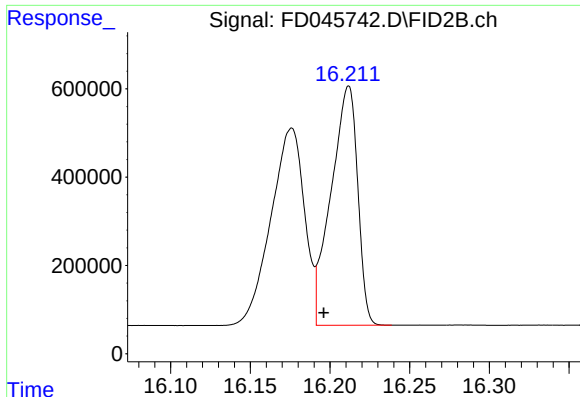
#15 Chrysene (C27.41)

R.T.: 14.677 min
Delta R.T.: 0.011 min
Response: 6753054
Conc: 41.59 ug/ml



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

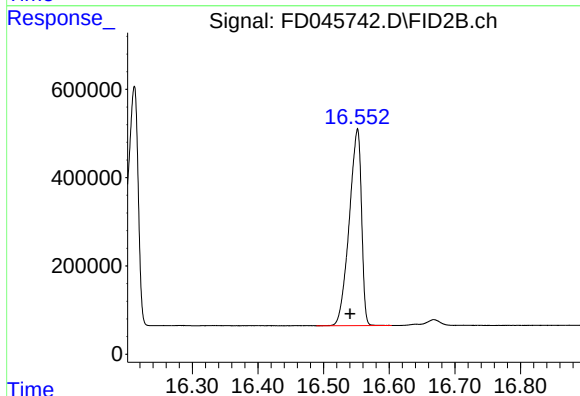
R.T.: 16.176 min
Delta R.T.: 0.010 min
Response: 6570563
Conc: 44.61 ug/ml



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

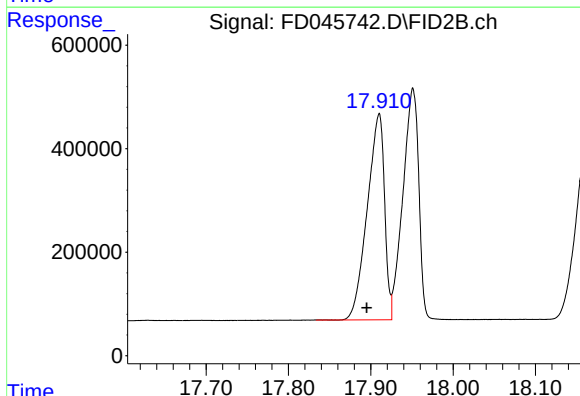
R.T.: 16.211 min
Delta R.T.: 0.015 min
Response: 6301216
Conc: 43.58 ug/ml

Instrument :
FID_D
ClientSampleId :



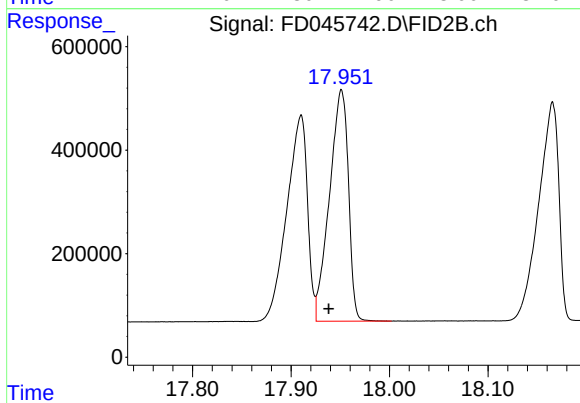
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.551 min
Delta R.T.: 0.010 min
Response: 5779853
Conc: 41.45 ug/ml



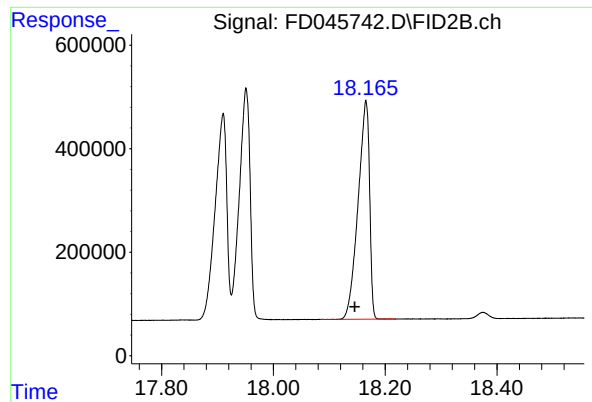
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.909 min
Delta R.T.: 0.014 min
Response: 5806558
Conc: 45.70 ug/ml



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

R.T.: 17.951 min
Delta R.T.: 0.013 min
Response: 5967674
Conc: 46.47 ug/ml



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

R.T.: 18.165 min
Delta R.T.: 0.019 min
Response: 6011743
Conc: 46.74 ug/ml

Instrument :

FID_D

ClientSampleId :