

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052723AR\
 Data File : FD045757.D
 Signal(s) : FID2B.ch
 Acq On : 26 May 2023 21:11
 Operator : YP/AJ
 Sample : 50 PPM AROMATIC HC STD2
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 27 06:40:45 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052723.M
 Quant Title : GC Extractables
 QLast Update : Sat May 27 06:40:37 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	8553693	48.167 ug/ml
Spiked Amount 50.000		Recovery =	96.33%
6) S 2-Fluorobiphenyl (SURR)	8.397	5745077	48.194 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	96.39%
11) S ortho-Terphenyl (SURR)	11.437	10567735	48.251 ug/ml
Spiked Amount 50.000		Recovery =	96.50%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.348	9495692	48.025 ug/ml
2) T Naphthalene (C11.7)	5.879	9935980	47.998 ug/ml
3) T 2-Methylnaphthalene (...)	6.929	9976372	48.126 ug/ml
5) T Acenaphthylene (C15.06)	8.201	9008650	48.243 ug/ml
7) T Acenaphthene (C15.5)	8.498	9589175	48.173 ug/ml
8) T Fluorene (C16.55)	9.276	9436538	48.222 ug/ml
9) T Phenanthrene (C19.36)	10.666	9129694	48.317 ug/ml
10) T Anthracene (C19.43)	10.741	8116309	49.668 ug/ml
12) T Fluoranthene (C21.85)	12.472	8825017	48.358 ug/ml
13) T Pyrene (C20.8)	12.767	8564226	48.402 ug/ml
14) T Benzo[a]anthracene (C...	14.631	7552203	48.632 ug/ml
15) T Chrysene (C27.41)	14.675	7768827	48.370 ug/ml
16) T benzo[b]fluoranthene ...	16.173	7269366	48.365 ug/ml
17) T Bnezo[k]fluoranthene ...	16.209	7067053	48.037 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.549	6965940	48.800 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.908	6828145	47.933 ug/ml
20) T Dibenz[a,h]anthracene...	17.950	6763054	47.944 ug/ml
21) T Benzo[g,h,i]perylene ...	18.164	6911419	48.127 ug/ml

(f)=RT Delta > 1/2 Window

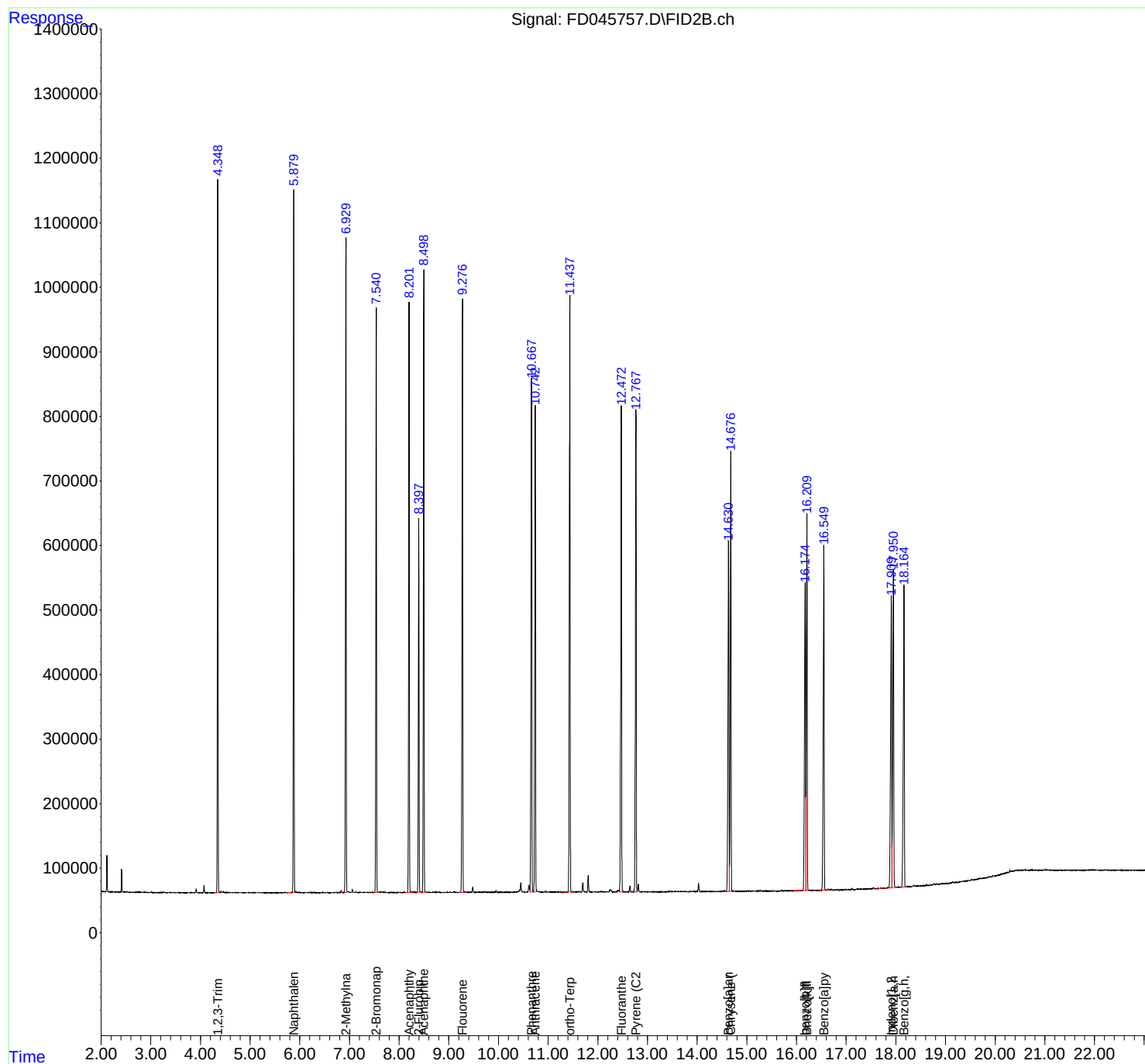
(m)=manual int.

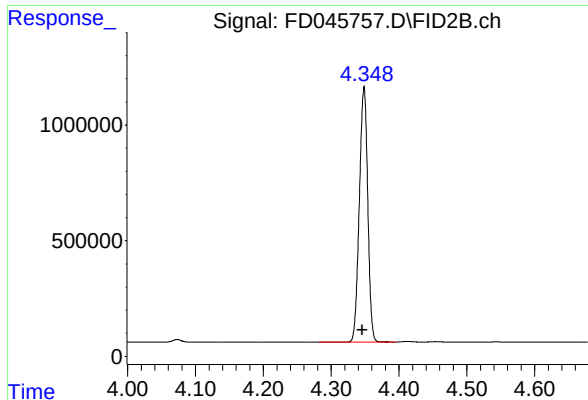
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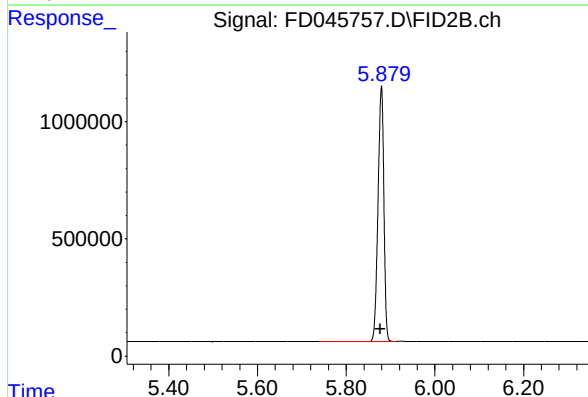




#1 1,2,3-Trimethylbenzene (C10.1)

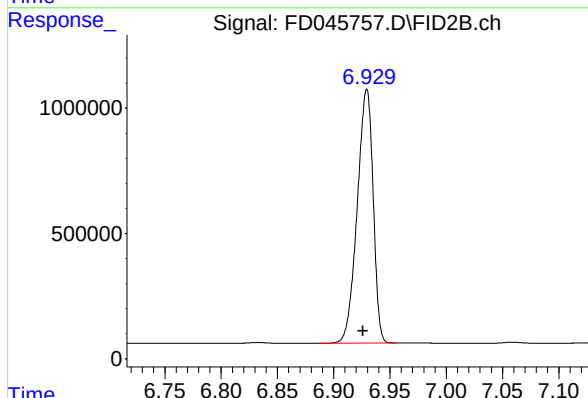
R.T.: 4.348 min
Delta R.T.: 0.002 min
Response: 9495692
Conc: 48.02 ug/ml

Instrument :
FID_D
ClientSampleId :



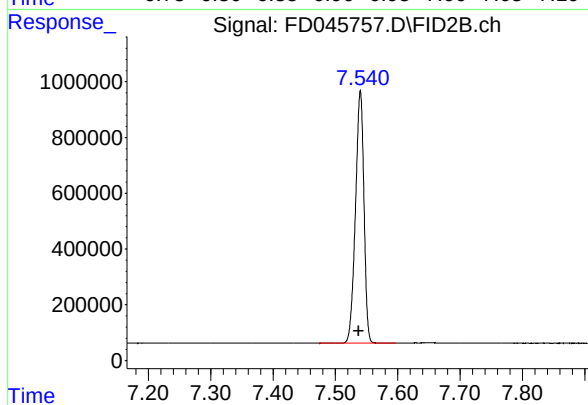
#2 Naphthalene (C11.7)

R.T.: 5.879 min
Delta R.T.: 0.003 min
Response: 9935980
Conc: 48.00 ug/ml



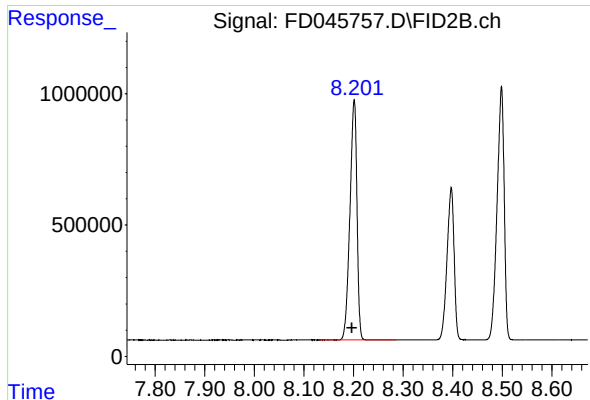
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.929 min
Delta R.T.: 0.003 min
Response: 9976372
Conc: 48.13 ug/ml



#4 2-Bromonaphthalene (SURR)

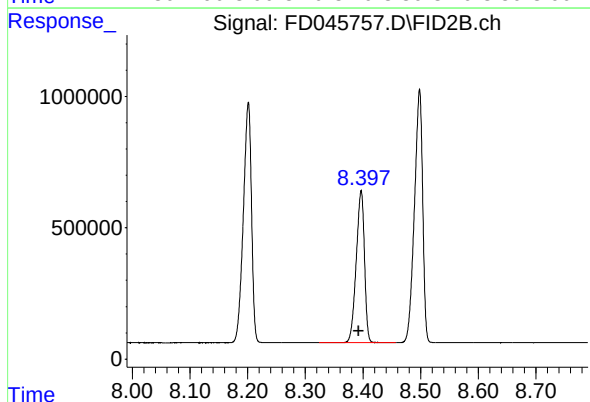
R.T.: 7.540 min
Delta R.T.: 0.003 min
Response: 8553693
Conc: 48.17 ug/ml



#5 Acenaphthylene (C15.06)

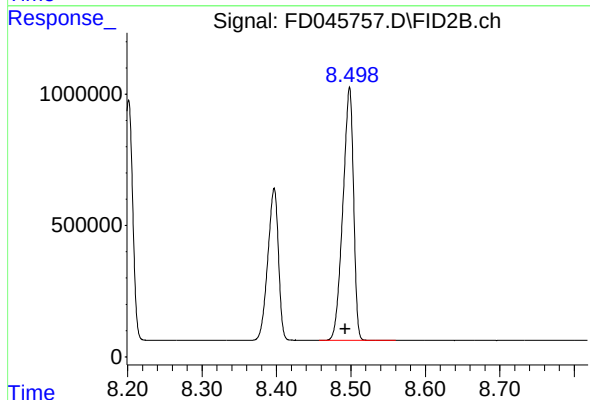
R.T.: 8.201 min
Delta R.T.: 0.004 min
Response: 9008650
Conc: 48.24 ug/ml

Instrument :
FID_D
ClientSampleId :



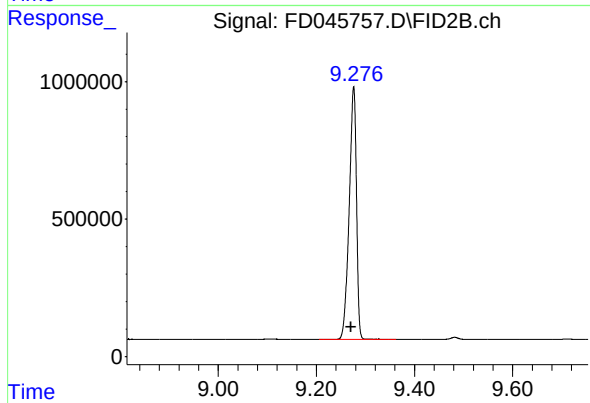
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.397 min
Delta R.T.: 0.004 min
Response: 5745077
Conc: 48.19 ug/ml



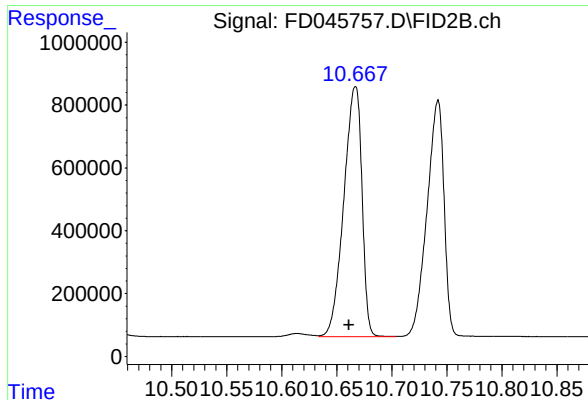
#7 Acenaphthene (C15.5)

R.T.: 8.498 min
Delta R.T.: 0.005 min
Response: 9589175
Conc: 48.17 ug/ml



#8 Flouorene (C16.55)

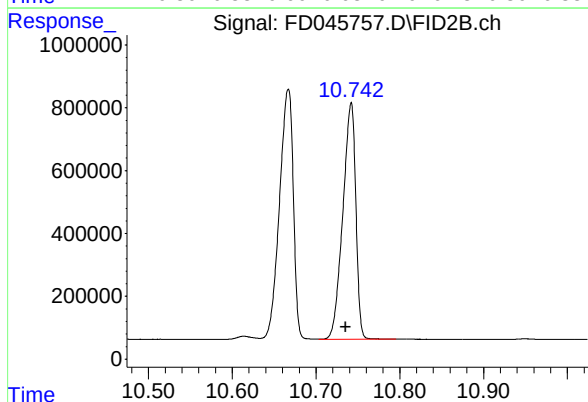
R.T.: 9.276 min
Delta R.T.: 0.005 min
Response: 9436538
Conc: 48.22 ug/ml



#9 Phenanthrene (C19.36)

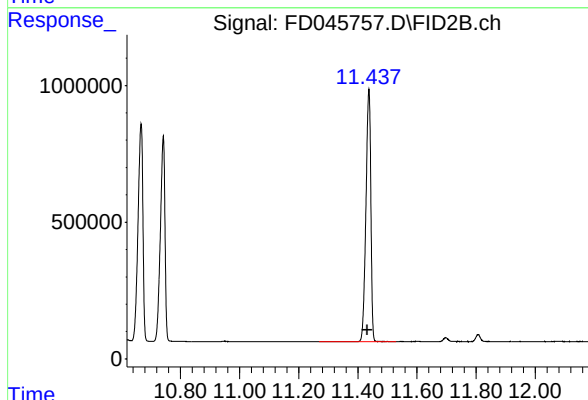
R.T.: 10.666 min
Delta R.T.: 0.005 min
Response: 9129694
Conc: 48.32 ug/ml

Instrument :
FID_D
ClientSampleId :



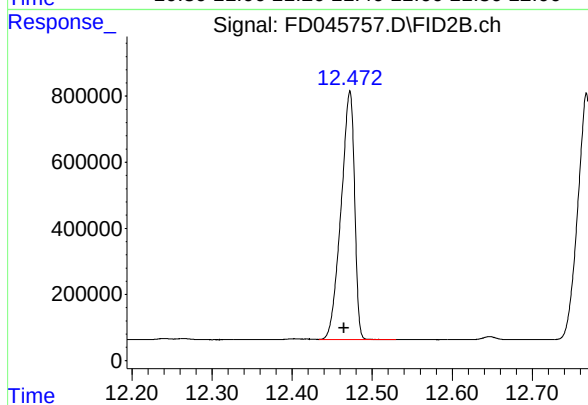
#10 Anthracene (C19.43)

R.T.: 10.741 min
Delta R.T.: 0.006 min
Response: 8116309
Conc: 49.67 ug/ml



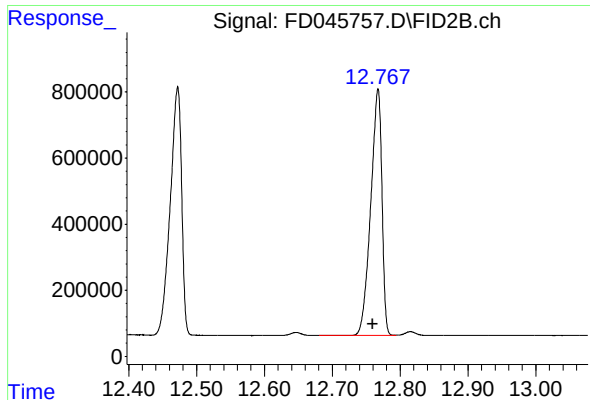
#11 ortho-Terphenyl (SURRE)

R.T.: 11.437 min
Delta R.T.: 0.004 min
Response: 10567735
Conc: 48.25 ug/ml



#12 Fluoranthene (C21.85)

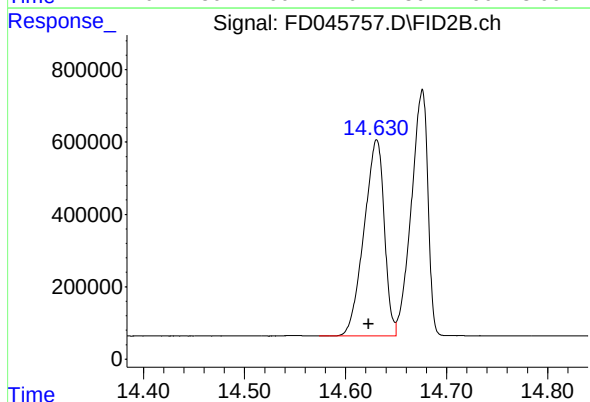
R.T.: 12.472 min
Delta R.T.: 0.007 min
Response: 8825017
Conc: 48.36 ug/ml



#13 Pyrene (C20.8)

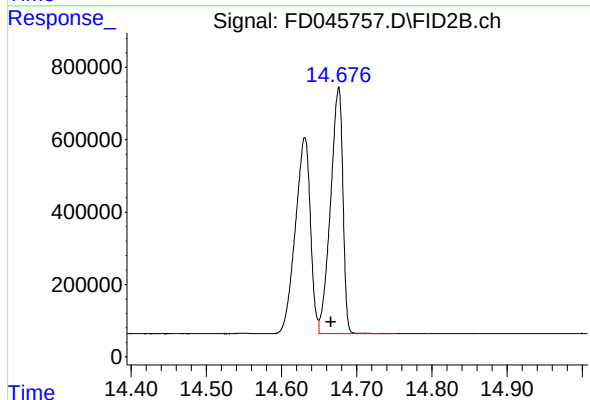
R.T.: 12.767 min
Delta R.T.: 0.007 min
Response: 8564226
Conc: 48.40 ug/ml

Instrument :
FID_D
ClientSampleId :



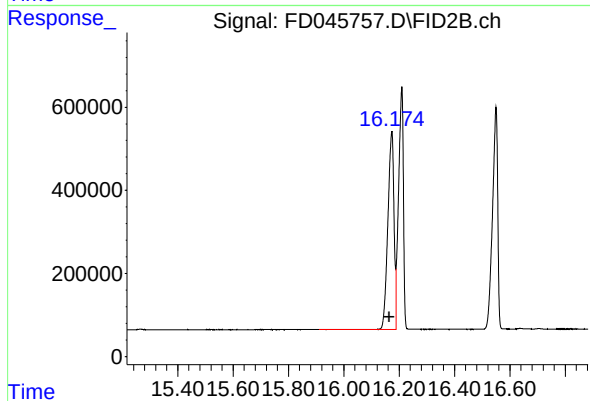
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.631 min
Delta R.T.: 0.008 min
Response: 7552203
Conc: 48.63 ug/ml



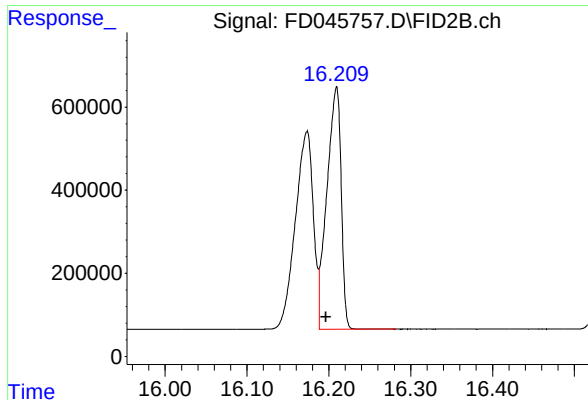
#15 Chrysene (C27.41)

R.T.: 14.675 min
Delta R.T.: 0.010 min
Response: 7768827
Conc: 48.37 ug/ml



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

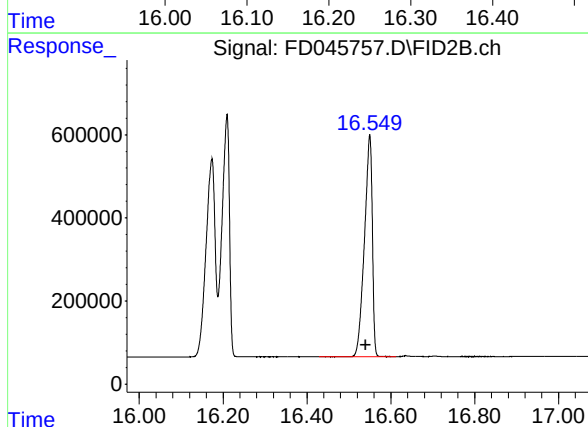
R.T.: 16.173 min
Delta R.T.: 0.008 min
Response: 7269366
Conc: 48.36 ug/ml



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

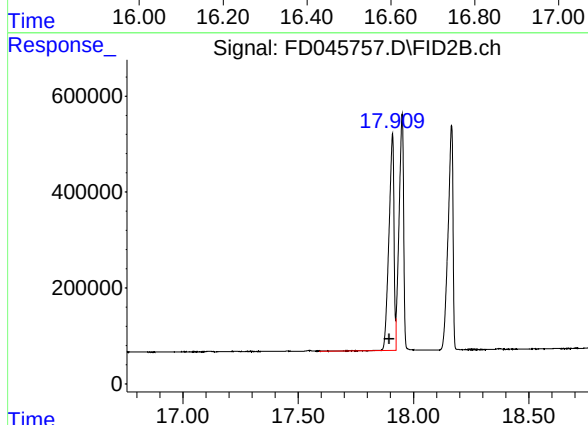
R.T.: 16.209 min
Delta R.T.: 0.012 min
Response: 7067053
Conc: 48.04 ug/ml

Instrument :
FID_D
ClientSampleId :



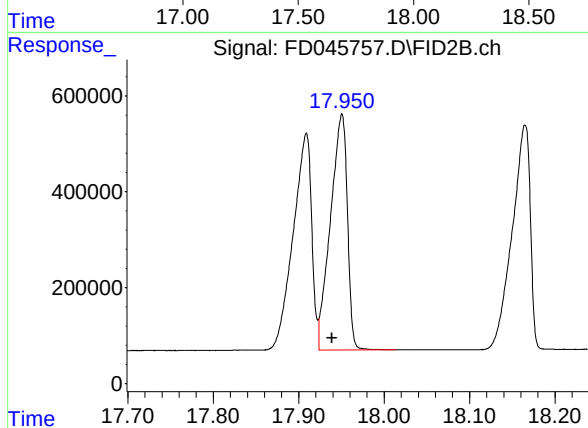
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.549 min
Delta R.T.: 0.010 min
Response: 6965940
Conc: 48.80 ug/ml



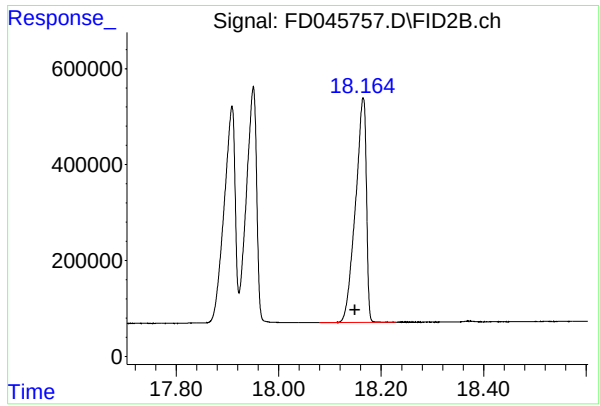
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.908 min
Delta R.T.: 0.013 min
Response: 6828145
Conc: 47.93 ug/ml



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

R.T.: 17.950 min
Delta R.T.: 0.011 min
Response: 6763054
Conc: 47.94 ug/ml



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

R.T.: 18.164 min

Delta R.T.: 0.015 min

Response: 6911419

Conc: 48.13 ug/ml

Instrument :

FID_D

ClientSampleId :