

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050423AR\
 Data File : FD045594.D
 Signal(s) : FID2B.ch
 Acq On : 04 May 2023 19:42
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 05 02:37:15 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042123.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 24 08:37:21 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...	7.544	3247589	22.463 ug/ml
Spiked Amount 50.000		Recovery =	44.93%
6) S 2-Fluorobiphenyl (SURR)	8.400	2113753	22.668 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	45.34%
11) S ortho-Terphenyl (SURR)	11.439	4094944	22.881 ug/ml
Spiked Amount 50.000		Recovery =	45.76%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.352	3719825	22.201 ug/ml
2) T Naphthalene (C11.7)	5.884	3823211	22.339 ug/ml
3) T 2-Methylnaphthalene (...)	6.933	3787917	22.389 ug/ml
5) T Acenaphthylene (C15.06)	8.204	3394792	22.440 ug/ml
7) T Acenaphthene (C15.5)	8.499	3662194	22.588 ug/ml
8) T Fluorene (C16.55)	9.278	3494463	22.686 ug/ml
9) T Phenanthrene (C19.36)	10.668	3376671	22.636 ug/ml
10) T Anthracene (C19.43)	10.742	2998995	23.217 ug/ml
12) T Fluoranthene (C21.85)	12.472	3330522	22.629 ug/ml
13) T Pyrene (C20.8)	12.767	3285004	22.900 ug/ml
14) T Benzo[a]anthracene (C...	14.631	2870338	21.903 ug/ml
15) T Chrysene (C27.41)	14.674	3001514	21.988 ug/ml
16) T benzo[b]fluoranthene ...	16.173	2951720	22.106 ug/ml
17) T Bnezo[k]fluoranthene ...	16.205	2959205	22.122 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.548	2758439	21.557 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.904	2454579	19.540 ug/ml
20) T Dibenz[a,h]anthracene...	17.946	2334080	17.134 ug/ml
21) T Benzo[g,h,i]perylene ...	18.157	2651734	20.241 ug/ml

(f)=RT Delta > 1/2 Window

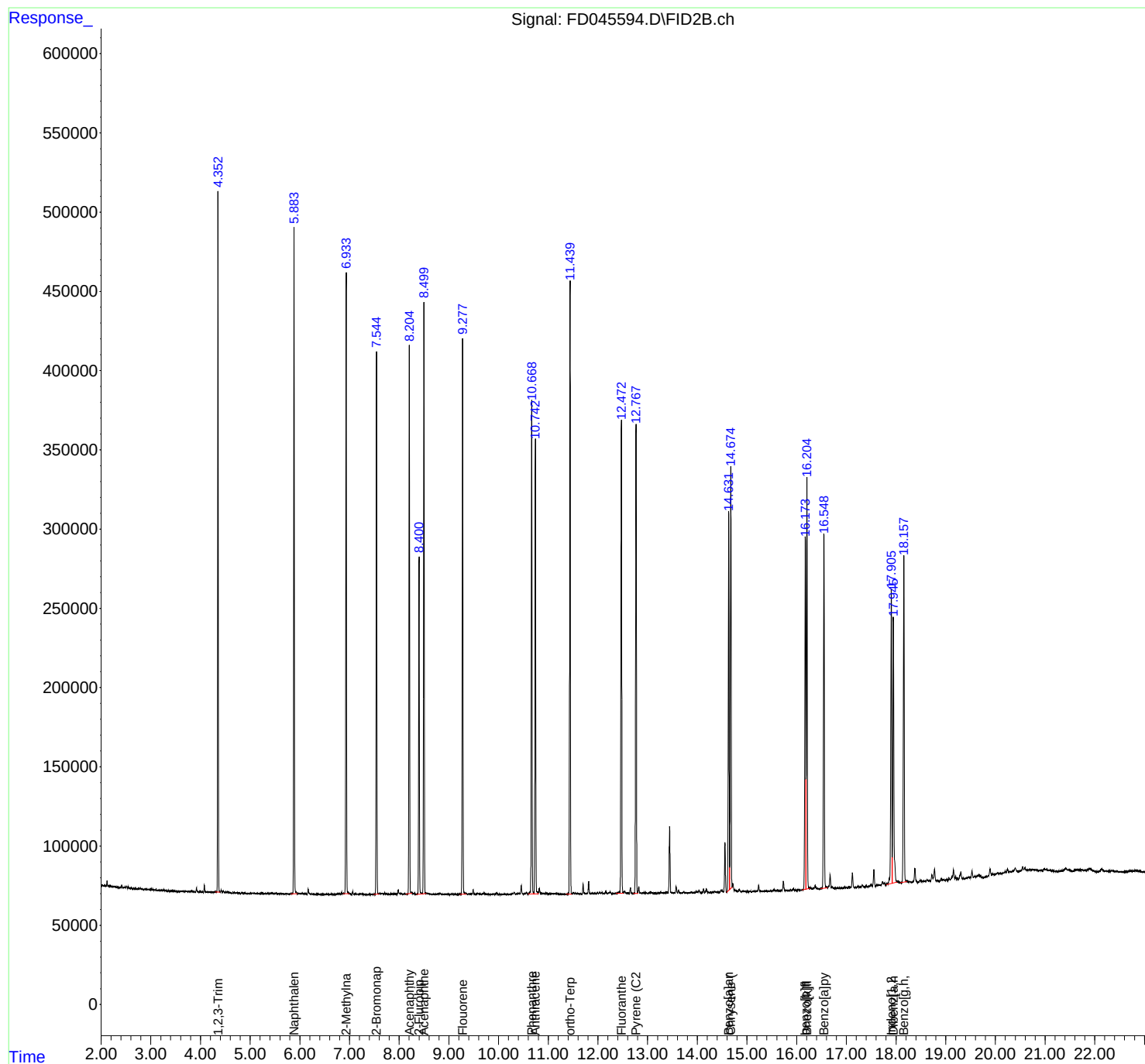
(m)=manual int.

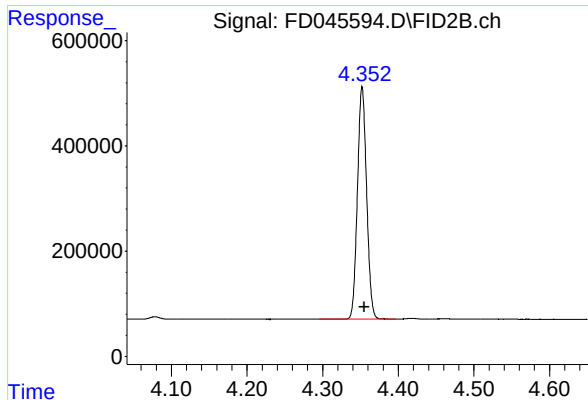
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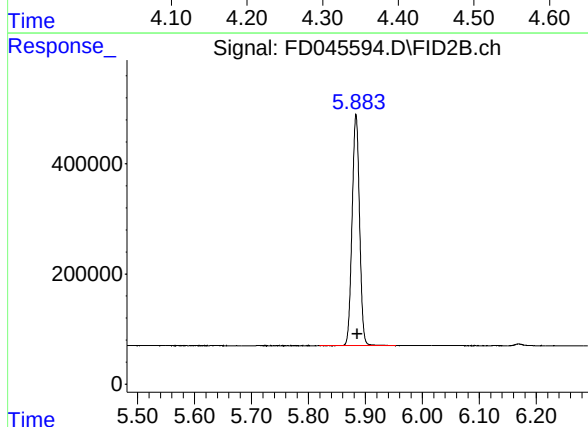




#1 1,2,3-Trimethylbenzene (C10.1)

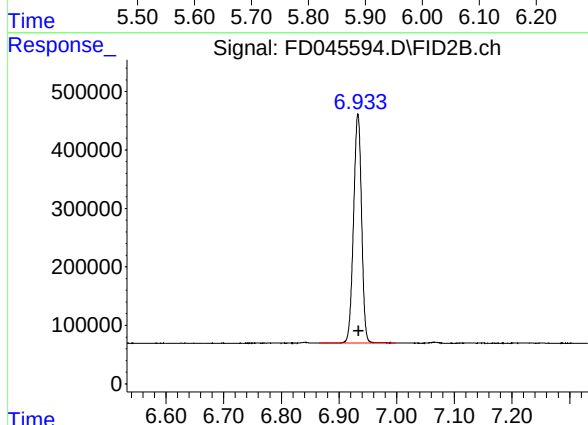
R.T.: 4.352 min
Delta R.T.: -0.003 min
Response: 3719825
Conc: 22.20 ug/ml

Instrument :
FID_D
ClientSampleId :



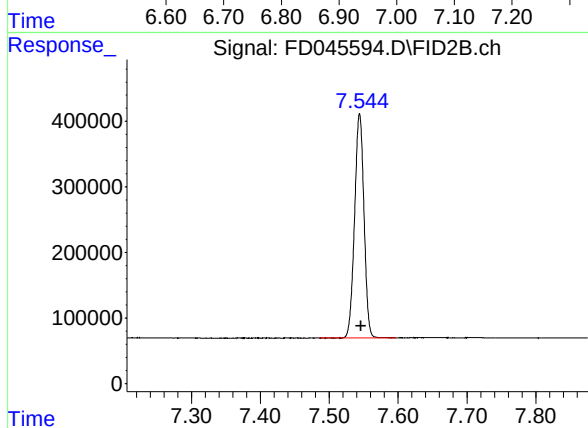
#2 Naphthalene (C11.7)

R.T.: 5.884 min
Delta R.T.: -0.002 min
Response: 3823211
Conc: 22.34 ug/ml



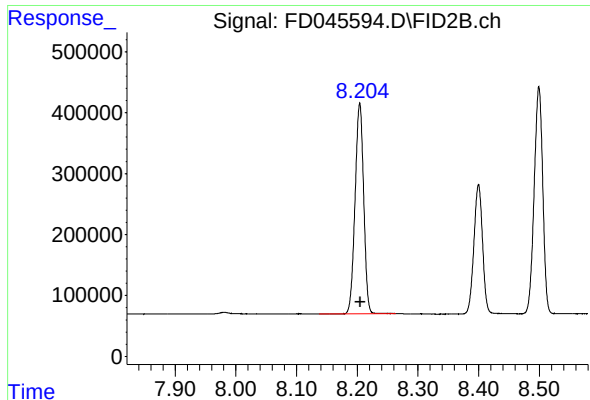
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.933 min
Delta R.T.: -0.001 min
Response: 3787917
Conc: 22.39 ug/ml



#4 2-Bromonaphthalene (SURR)

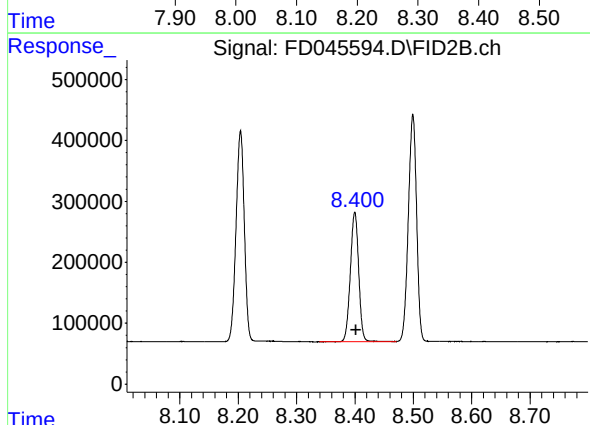
R.T.: 7.544 min
Delta R.T.: -0.002 min
Response: 3247589
Conc: 22.46 ug/ml



#5 Acenaphthylene (C15.06)

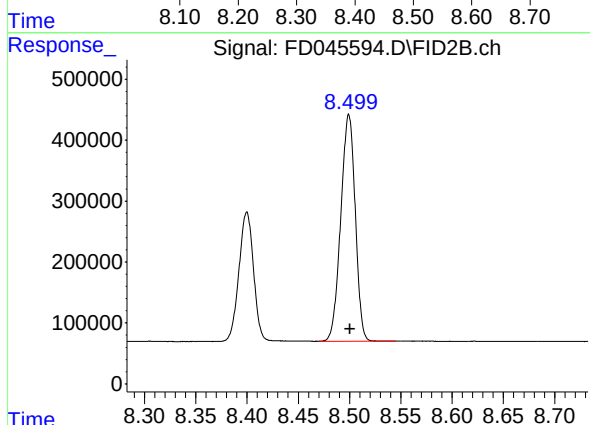
R.T.: 8.204 min
Delta R.T.: -0.001 min
Response: 3394792
Conc: 22.44 ug/ml

Instrument :
FID_D
ClientSampleId :



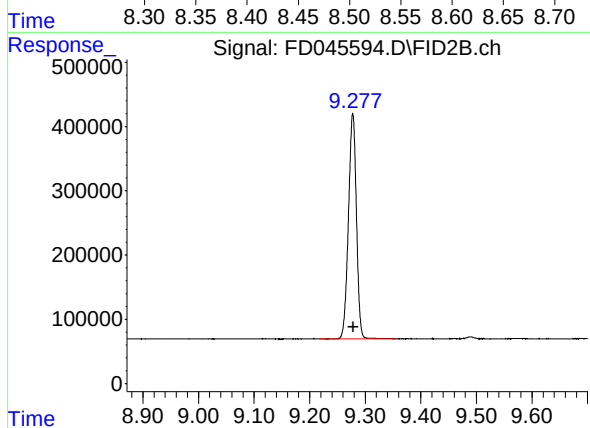
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.400 min
Delta R.T.: -0.002 min
Response: 2113753
Conc: 22.67 ug/ml



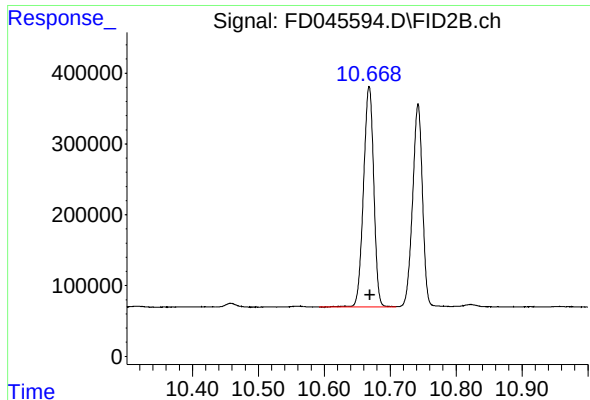
#7 Acenaphthene (C15.5)

R.T.: 8.499 min
Delta R.T.: -0.001 min
Response: 3662194
Conc: 22.59 ug/ml



#8 Flouorene (C16.55)

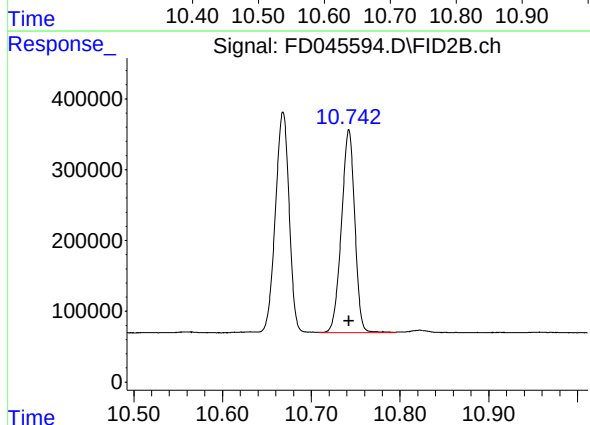
R.T.: 9.278 min
Delta R.T.: 0.000 min
Response: 3494463
Conc: 22.69 ug/ml



#9 Phenanthrene (C19.36)

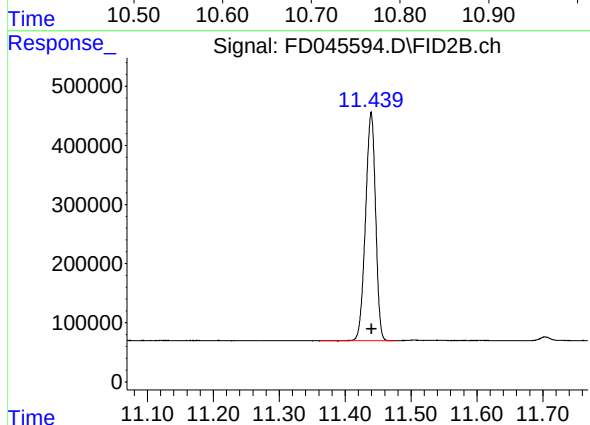
R.T.: 10.668 min
Delta R.T.: -0.001 min
Response: 3376671
Conc: 22.64 ug/ml

Instrument :
FID_D
ClientSampleId :



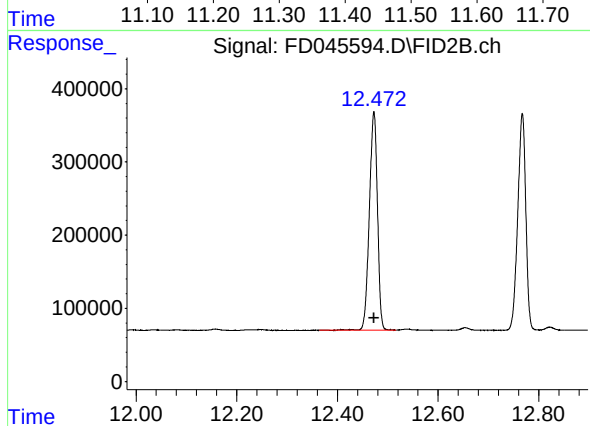
#10 Anthracene (C19.43)

R.T.: 10.742 min
Delta R.T.: 0.000 min
Response: 2998995
Conc: 23.22 ug/ml



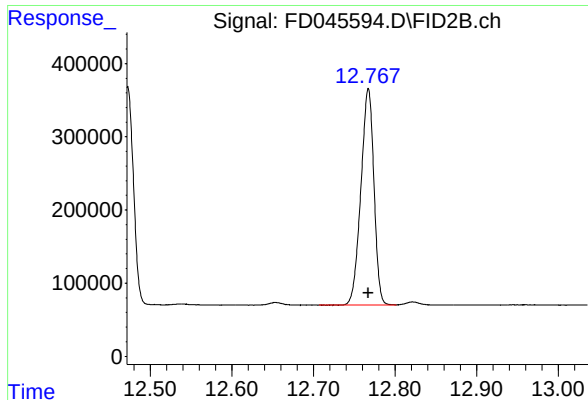
#11 ortho-Terphenyl (SURR)

R.T.: 11.439 min
Delta R.T.: 0.000 min
Response: 4094944
Conc: 22.88 ug/ml



#12 Fluoranthene (C21.85)

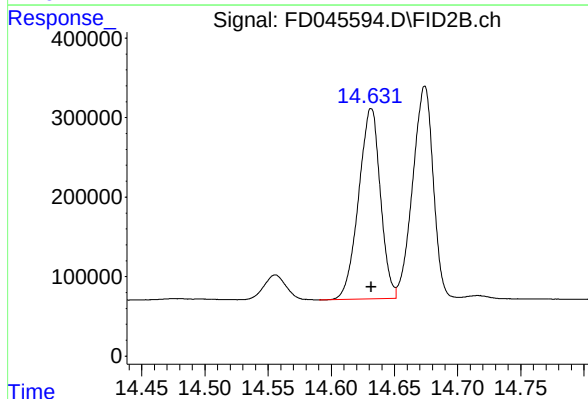
R.T.: 12.472 min
Delta R.T.: 0.000 min
Response: 3330522
Conc: 22.63 ug/ml



#13 Pyrene (C20.8)

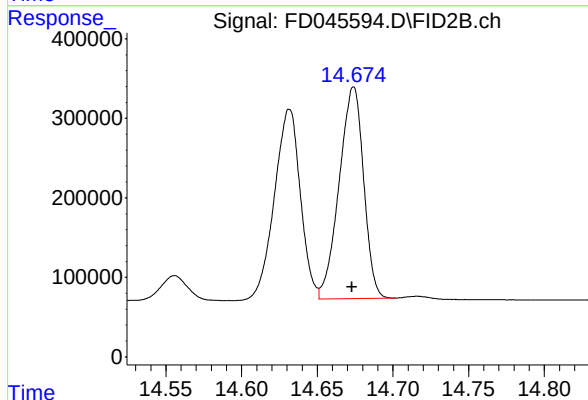
R.T.: 12.767 min
Delta R.T.: 0.000 min
Response: 3285004
Conc: 22.90 ug/ml

Instrument :
FID_D
ClientSampleId :



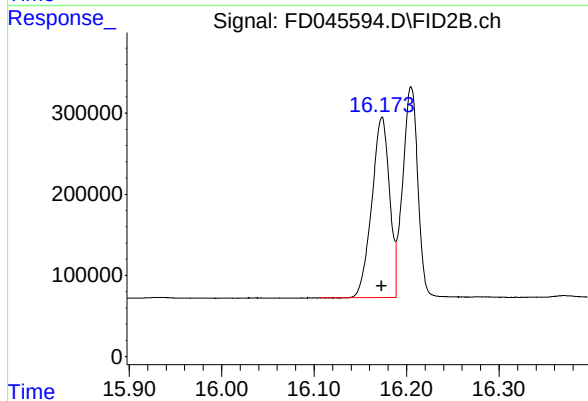
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.631 min
Delta R.T.: 0.000 min
Response: 2870338
Conc: 21.90 ug/ml



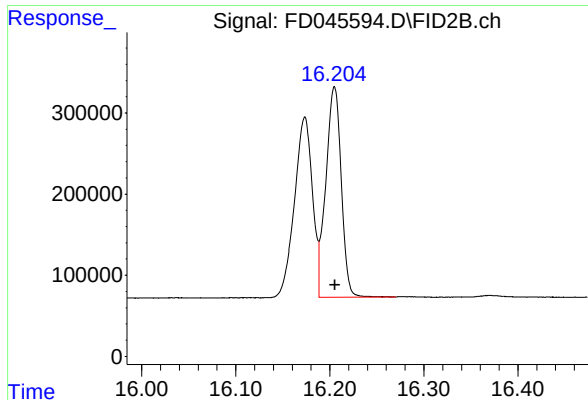
#15 Chrysene (C27.41)

R.T.: 14.674 min
Delta R.T.: 0.000 min
Response: 3001514
Conc: 21.99 ug/ml



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

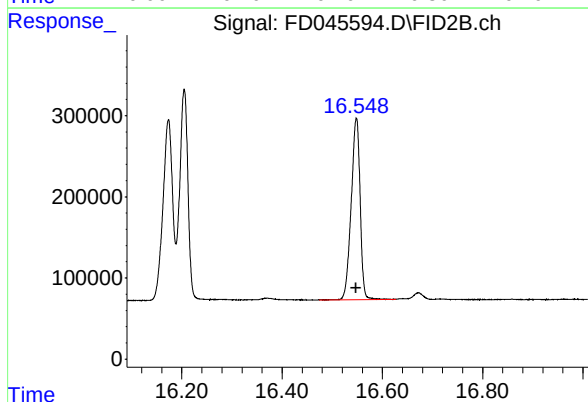
R.T.: 16.173 min
Delta R.T.: 0.000 min
Response: 2951720
Conc: 22.11 ug/ml



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

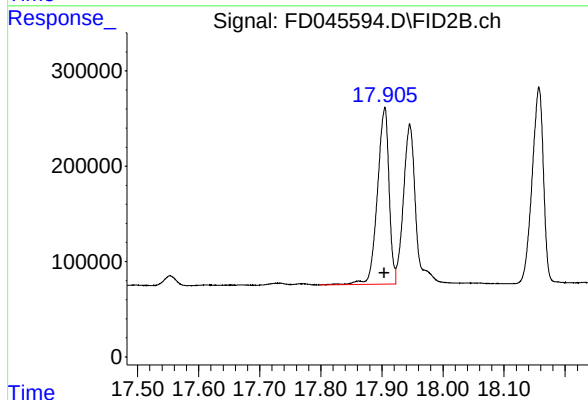
R.T.: 16.205 min
Delta R.T.: 0.000 min
Response: 2959205
Conc: 22.12 ug/ml

Instrument :
FID_D
ClientSampleId :



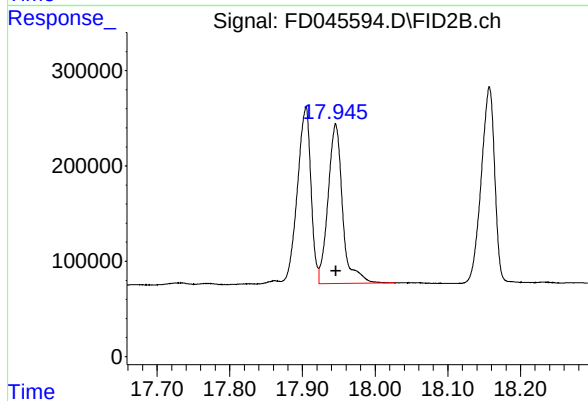
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.548 min
Delta R.T.: 0.000 min
Response: 2758439
Conc: 21.56 ug/ml



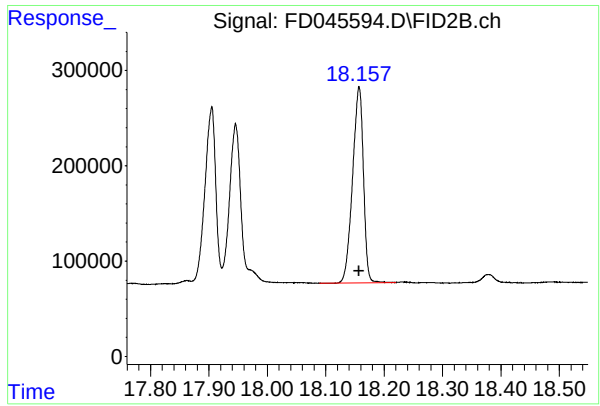
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.904 min
Delta R.T.: 0.000 min
Response: 2454579
Conc: 19.54 ug/ml



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

R.T.: 17.946 min
Delta R.T.: 0.000 min
Response: 2334080
Conc: 17.13 ug/ml



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

R.T.: 18.157 min
Delta R.T.: 0.000 min
Response: 2651734
Conc: 20.24 ug/ml

Instrument :
FID_D
ClientSampleId :