

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD120622AR\
 Data File : FD044615.D
 Signal(s) : FID2B.ch
 Acq On : 07 Dec 2022 12:54
 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: Dec 07 17:03:53 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 112922.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 29 00:29:41 2022
 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...	7.677	2622296	20.206 ug/ml
Spiked Amount 50.000		Recovery =	40.41%
6) S 2-Fluorobiphenyl (SURR)	8.534	1784586	20.207 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.41%
11) S ortho-Terphenyl (SURR)	11.564	3326798	20.442 ug/ml
Spiked Amount 50.000		Recovery =	40.88%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.496	2890666	20.256 ug/ml
2) T Naphthalene (C11.7)	6.025	3037281	20.201 ug/ml
3) T 2-Methylnaphthalene (...)	7.069	3033335	20.076 ug/ml
5) T Acenaphthylene (C15.06)	8.339	2763455	19.879 ug/ml
7) T Acenaphthene (C15.5)	8.633	2965248	20.205 ug/ml
8) T Flouorene (C16.55)	9.409	2923217	20.274 ug/ml
9) T Phenanthrene (C19.36)	10.798	2867360	20.107 ug/ml
10) T Anthracene (C19.43)	10.872	2534291	18.241 ug/ml
12) T Fluoranthene (C21.85)	12.599	2901842	20.356 ug/ml
13) T Pyrene (C20.8)	12.895	2810746	20.197 ug/ml
14) T Benzo[a]anthracene (C...	14.754	2597878	20.078 ug/ml
15) T Chrysene (C27.41)	14.796	2896627	21.486 ug/ml
16) T benzo[b]fluoranthene ...	16.294	2665468	20.251 ug/ml
17) T Bnezo[k]fluoranthene ...	16.326	2762308	21.213 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.669	2536765	19.629 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.023	2509714	19.692 ug/ml
20) T Dibenz[a,h]anthracene...	18.065	2772626	22.036 ug/ml
21) T Benzo[g,h,i]perylene ...	18.277	2558671	19.893 ug/ml

(f)=RT Delta > 1/2 Window

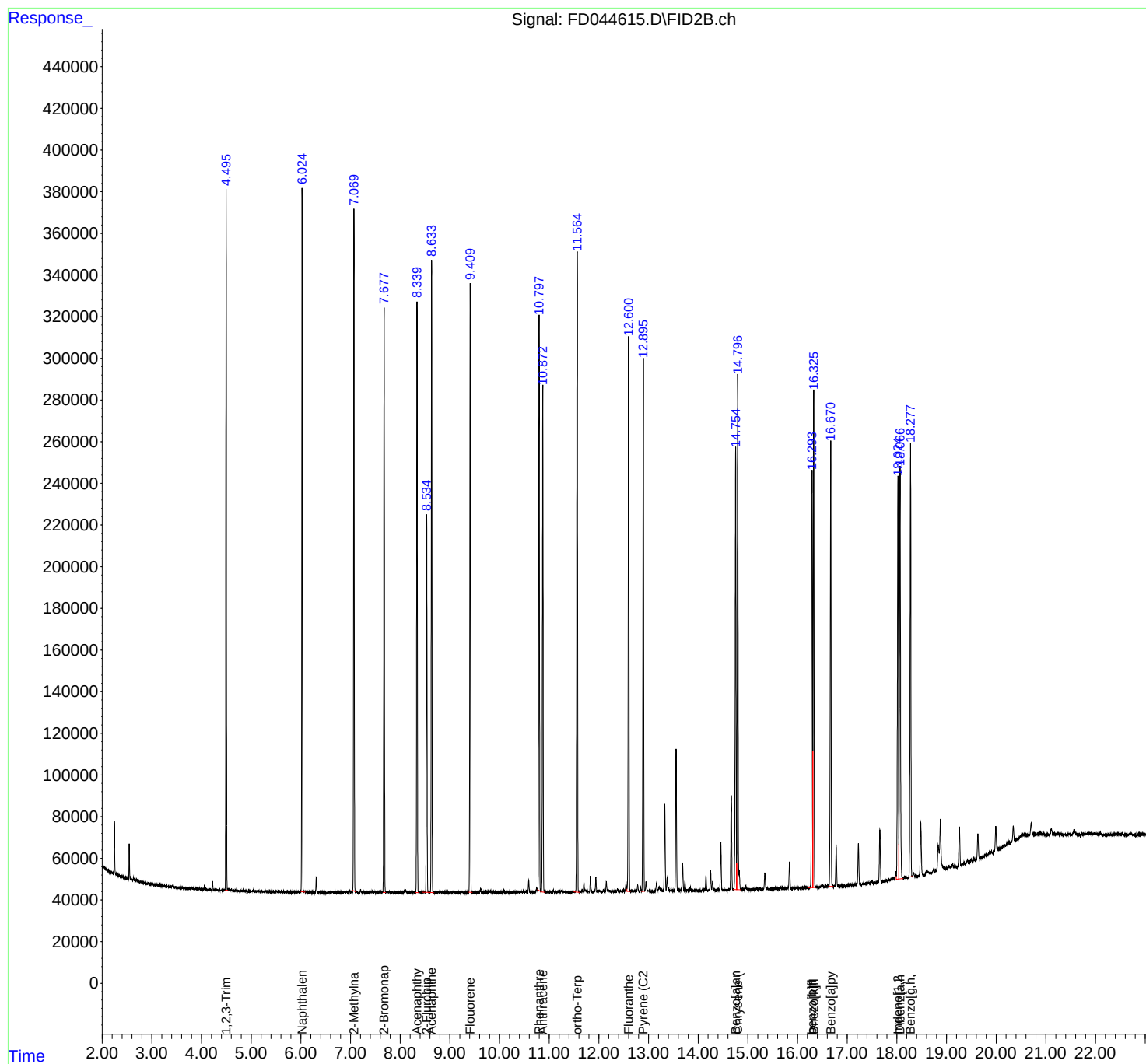
(m)=manual int.

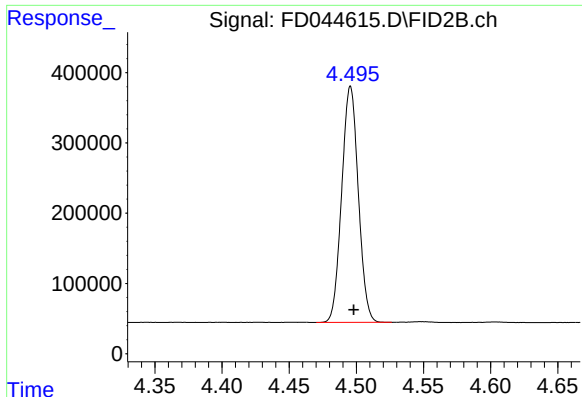
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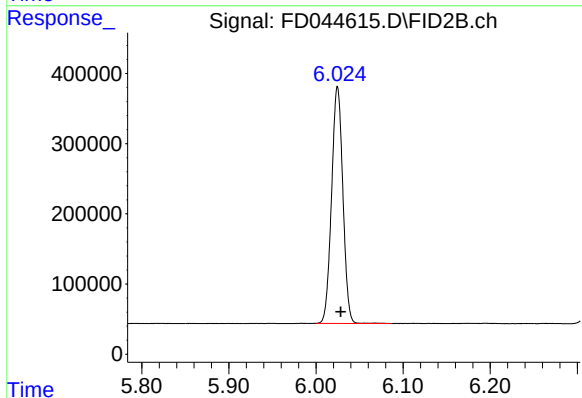




#1 1,2,3-Trimethylbenzene (C10.1)

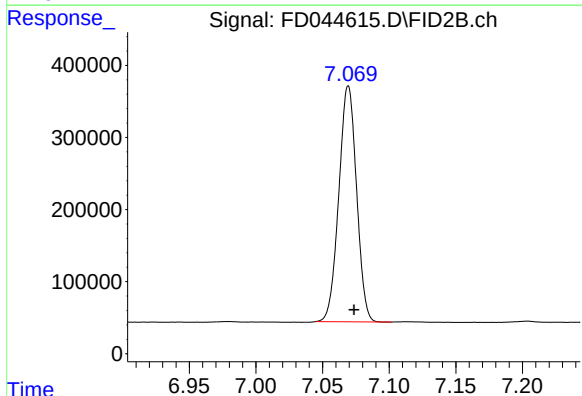
R.T.: 4.496 min
Delta R.T.: -0.002 min
Response: 2890666
Conc: 20.26 ug/ml

Instrument :
FID_D
ClientSampleId :



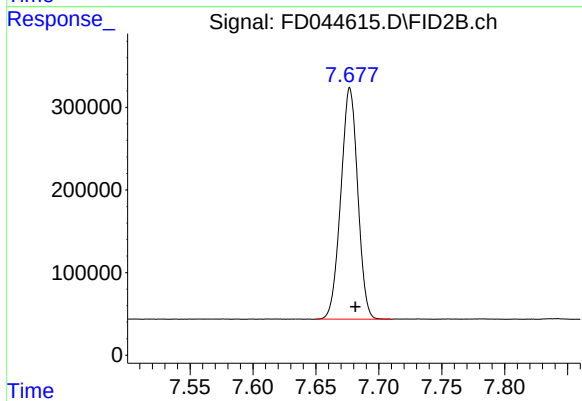
#2 Naphthalene (C11.7)

R.T.: 6.025 min
Delta R.T.: -0.003 min
Response: 3037281
Conc: 20.20 ug/ml



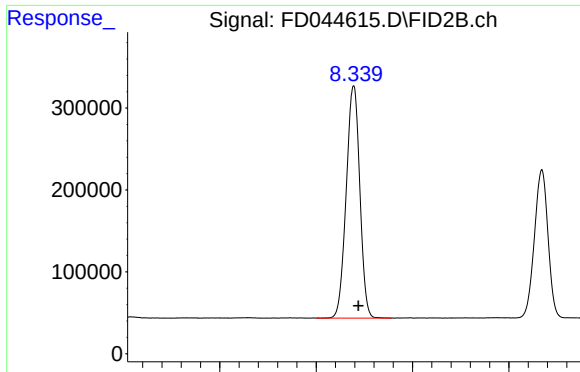
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.069 min
Delta R.T.: -0.004 min
Response: 3033335
Conc: 20.08 ug/ml



#4 2-Bromonaphthalene (SURR)

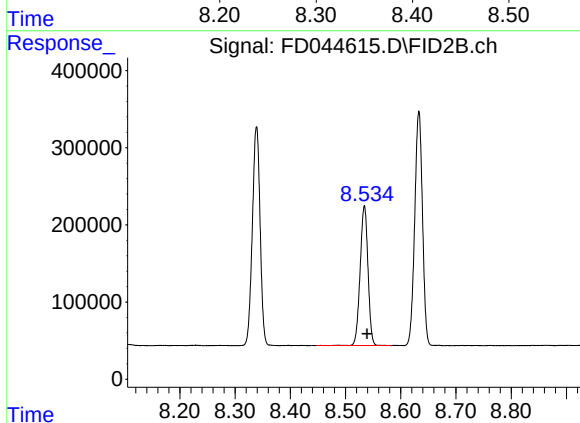
R.T.: 7.677 min
Delta R.T.: -0.004 min
Response: 2622296
Conc: 20.21 ug/ml



#5 Acenaphthylene (C15.06)

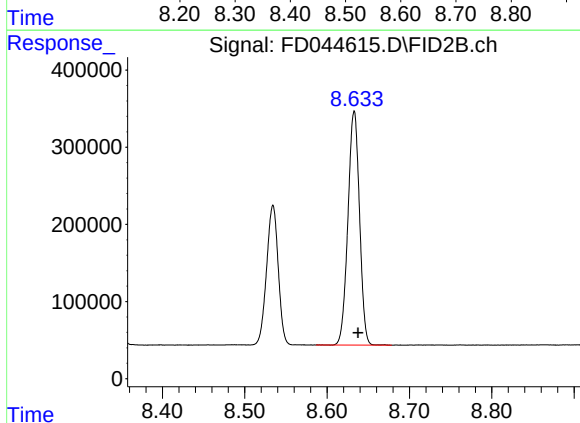
R.T.: 8.339 min
Delta R.T.: -0.005 min
Response: 2763455
Conc: 19.88 ug/ml

Instrument :
FID_D
ClientSampleId :



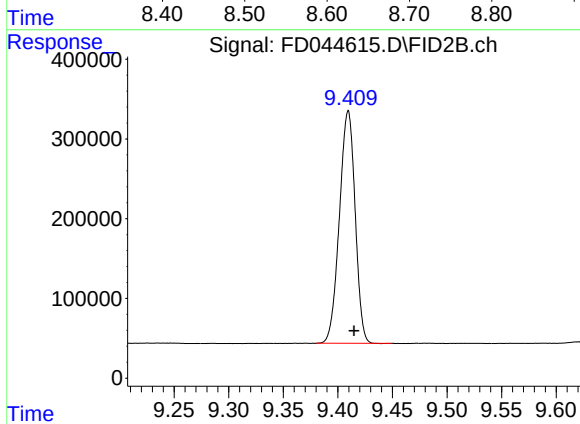
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.534 min
Delta R.T.: -0.005 min
Response: 1784586
Conc: 20.21 ug/ml



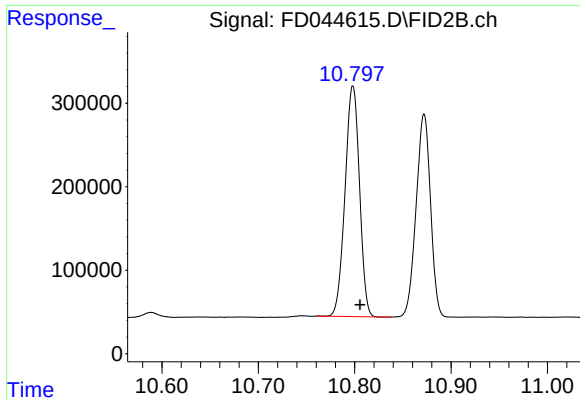
#7 Acenaphthene (C15.5)

R.T.: 8.633 min
Delta R.T.: -0.005 min
Response: 2965248
Conc: 20.21 ug/ml



#8 Fluorene (C16.55)

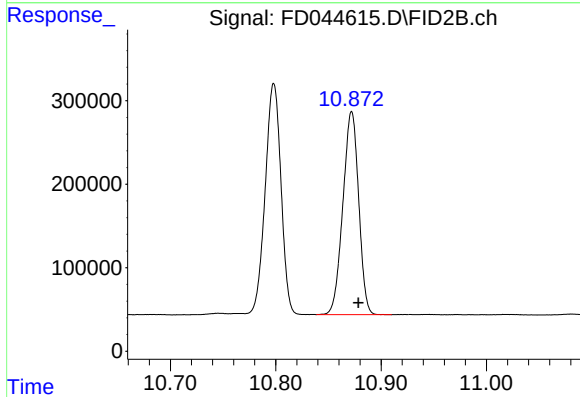
R.T.: 9.409 min
Delta R.T.: -0.006 min
Response: 2923217
Conc: 20.27 ug/ml



#9 Phenanthrene (C19.36)

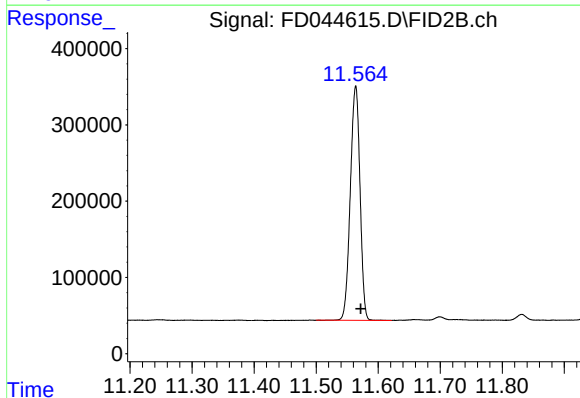
R.T.: 10.798 min
Delta R.T.: -0.007 min
Response: 2867360
Conc: 20.11 ug/ml

Instrument :
FID_D
ClientSampleId :



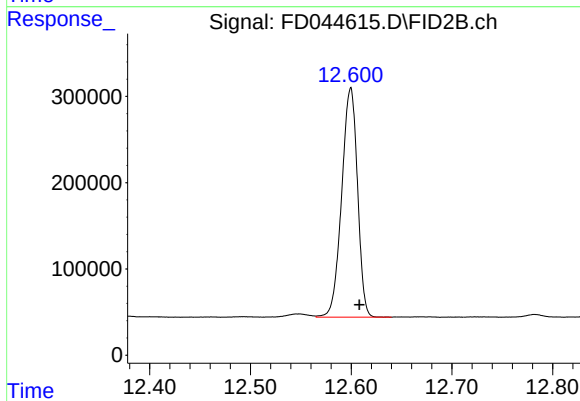
#10 Anthracene (C19.43)

R.T.: 10.872 min
Delta R.T.: -0.006 min
Response: 2534291
Conc: 18.24 ug/ml



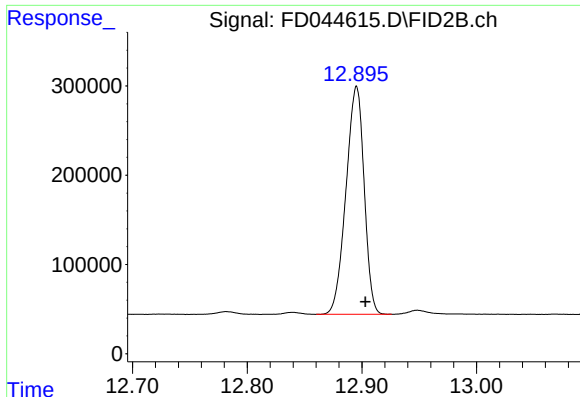
#11 ortho-Terphenyl (SURR)

R.T.: 11.564 min
Delta R.T.: -0.008 min
Response: 3326798
Conc: 20.44 ug/ml



#12 Fluoranthene (C21.85)

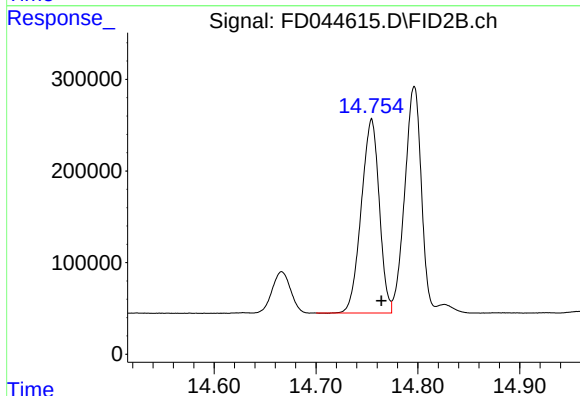
R.T.: 12.599 min
Delta R.T.: -0.009 min
Response: 2901842
Conc: 20.36 ug/ml



#13 Pyrene (C20.8)

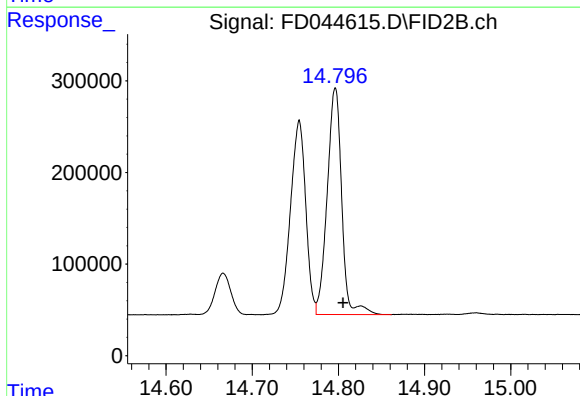
R.T.: 12.895 min
Delta R.T.: -0.008 min
Response: 2810746
Conc: 20.20 ug/ml

Instrument :
FID_D
ClientSampleId :



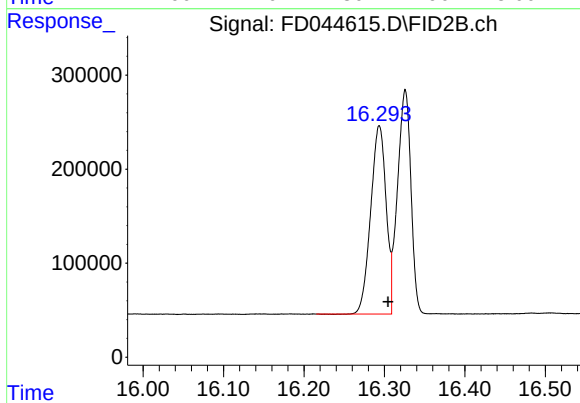
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.754 min
Delta R.T.: -0.010 min
Response: 2597878
Conc: 20.08 ug/ml



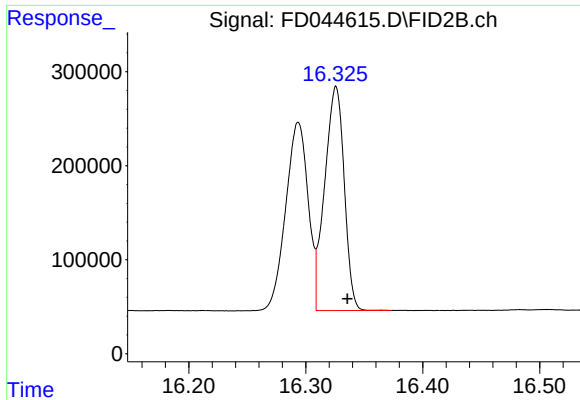
#15 Chrysene (C27.41)

R.T.: 14.796 min
Delta R.T.: -0.009 min
Response: 2896627
Conc: 21.49 ug/ml



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

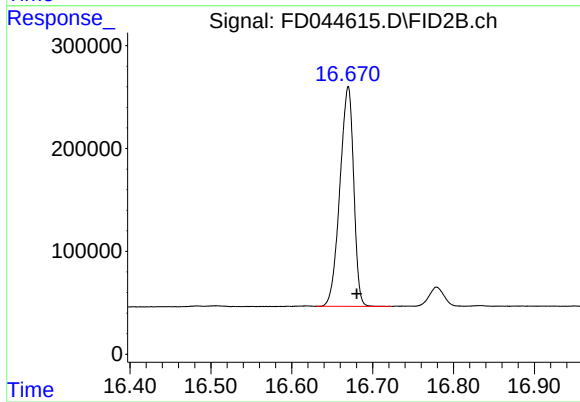
R.T.: 16.294 min
Delta R.T.: -0.011 min
Response: 2665468
Conc: 20.25 ug/ml



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

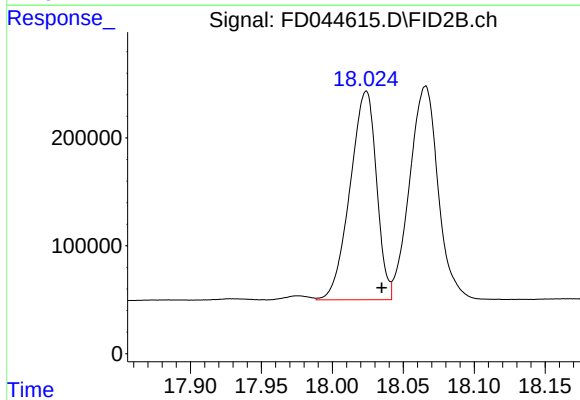
R.T.: 16.326 min
Delta R.T.: -0.010 min
Response: 2762308
Conc: 21.21 ug/ml

Instrument :
FID_D
ClientSampleId :



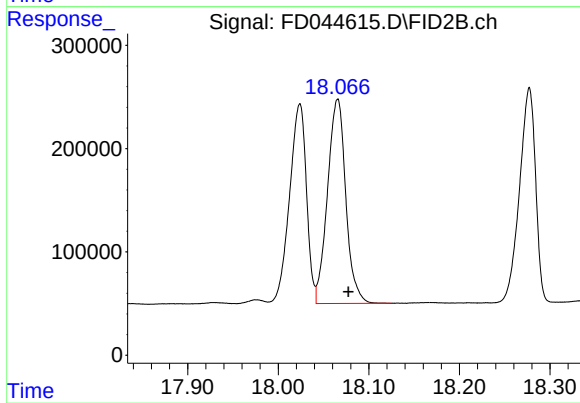
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.669 min
Delta R.T.: -0.011 min
Response: 2536765
Conc: 19.63 ug/ml



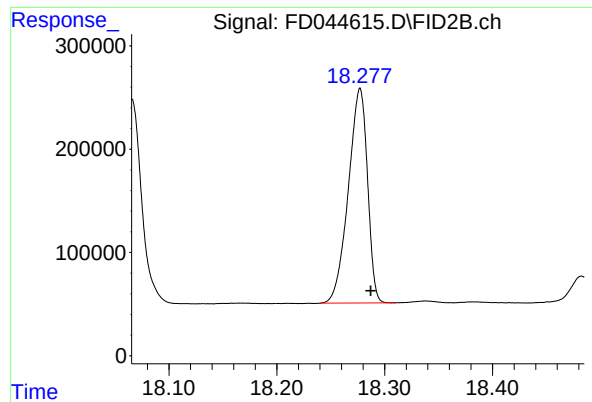
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.023 min
Delta R.T.: -0.011 min
Response: 2509714
Conc: 19.69 ug/ml



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

R.T.: 18.065 min
Delta R.T.: -0.012 min
Response: 2772626
Conc: 22.04 ug/ml



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

R.T.: 18.277 min
Delta R.T.: -0.010 min
Response: 2558671
Conc: 19.89 ug/ml

Instrument :

FID_D

ClientSampleId :