

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122422AR\
 Data File : FD044715.D
 Signal(s) : FID2B.ch
 Acq On : 24 Dec 2022 14:10
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD ICV
 Misc :
 ALS Vial : 79 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Dec 25 17:16:35 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 122422.M
 Quant Title : GC Extractables
 QLast Update : Sun Dec 25 17:15:10 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...	7.660	2841591	19.705 ug/ml
Spiked Amount 50.000		Recovery =	39.41%
6) S 2-Fluorobiphenyl (SURR)	8.516	1912776	19.705 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.41%
11) S ortho-Terphenyl (SURR)	11.546	3322616	18.442 ug/ml
Spiked Amount 50.000		Recovery =	36.88%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.479	3251194	20.207 ug/ml
2) T Naphthalene (C11.7)	6.007	3376811	20.119 ug/ml
3) T 2-Methylnaphthalene (...)	7.053	3287606	19.553 ug/ml
5) T Acenaphthylene (C15.06)	8.321	3127578	20.620 ug/ml
7) T Acenaphthene (C15.5)	8.616	3424034	21.122 ug/ml
8) T Fluorene (C16.55)	9.392	3238563	20.320 ug/ml
9) T Phenanthrene (C19.36)	10.781	3170486	20.203 ug/ml
10) T Anthracene (C19.43)	10.854	2378948	18.918 ug/ml
12) T Fluoranthene (C21.85)	12.583	3143909	20.020 ug/ml
13) T Pyrene (C20.8)	12.879	3183708	20.797 ug/ml
14) T Benzo[a]anthracene (C...	14.740	3012097	21.184 ug/ml
15) T Chrysene (C27.41)	14.781	3110223	20.511 ug/ml
16) T benzo[b]fluoranthene ...	16.279	3077767	20.465 ug/ml
17) T Bnezo[k]fluoranthene ...	16.312	2914515	19.237 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.654	2823241	19.459 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.010	2783665	19.684 ug/ml
20) T Dibenz[a,h]anthracene...	18.052	2938651	20.047 ug/ml
21) T Benzo[g,h,i]perylene ...	18.263	2763423	19.453 ug/ml

(f)=RT Delta > 1/2 Window

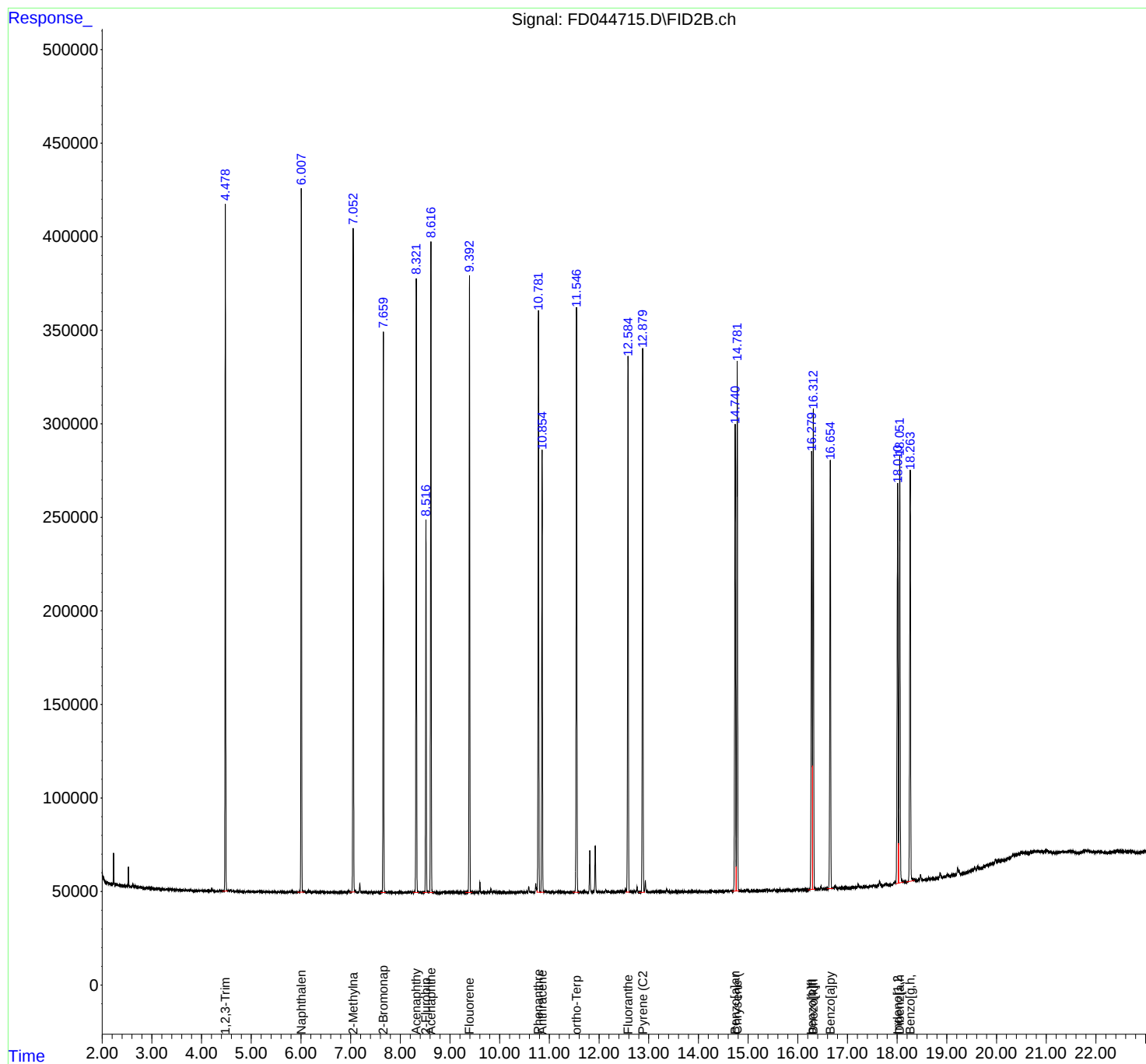
(m)=manual int.

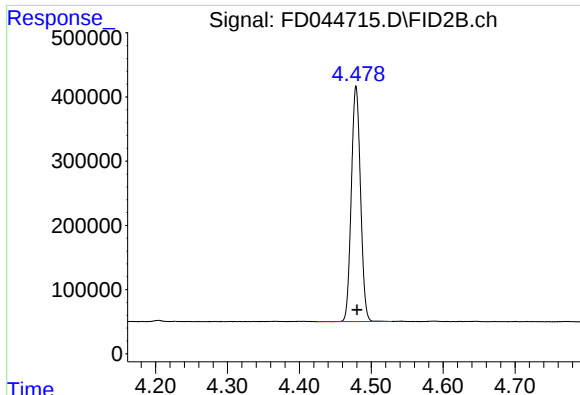
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122422AR\
Data File : FD044715.D
Signal(s) : FID2B.ch
Acq On : 24 Dec 2022 14:10
Operator : YP/AJ
Sample : 20 PPM AROMATIC HC STD ICV
Misc :
ALS Vial : 79 Sample Multiplier: 1

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD ICV

Integration File: autoint1.e
Quant Time: Dec 25 17:16:35 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 122422.M
Quant Title : GC Extractables
QLast Update : Sun Dec 25 17:15:10 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





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

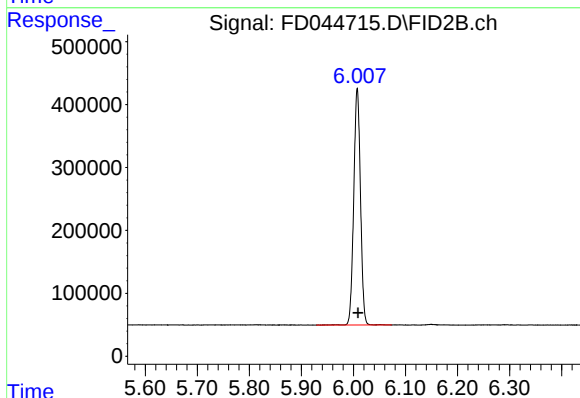
R.T.: 4.479 min
Delta R.T.: -0.001 min
Response: 3251194
Conc: 20.21 ug/ml

Instrument :

FID_D

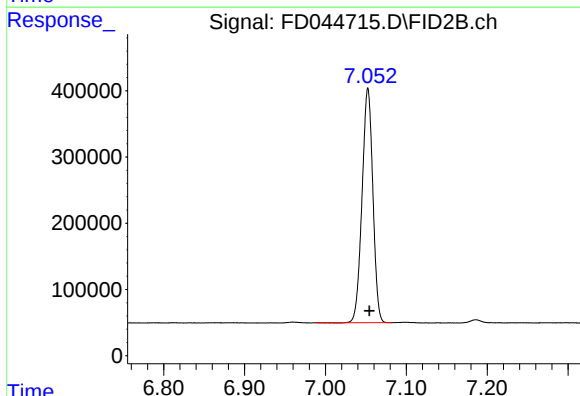
ClientSampleId :

20 PPM AROMATIC HC STD ICV



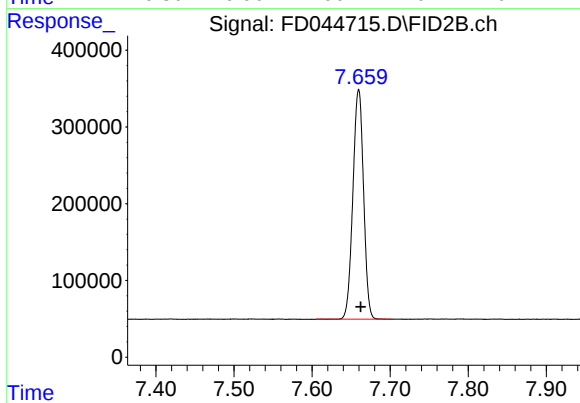
#2 Naphthalene (C11.7)

R.T.: 6.007 min
Delta R.T.: -0.002 min
Response: 3376811
Conc: 20.12 ug/ml



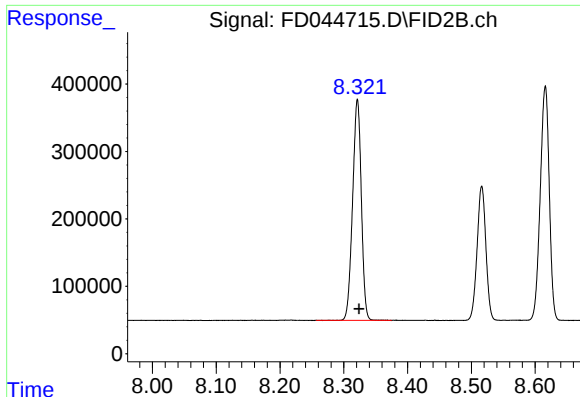
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.053 min
Delta R.T.: -0.002 min
Response: 3287606
Conc: 19.55 ug/ml



#4 2-Bromonaphthalene (SURR)

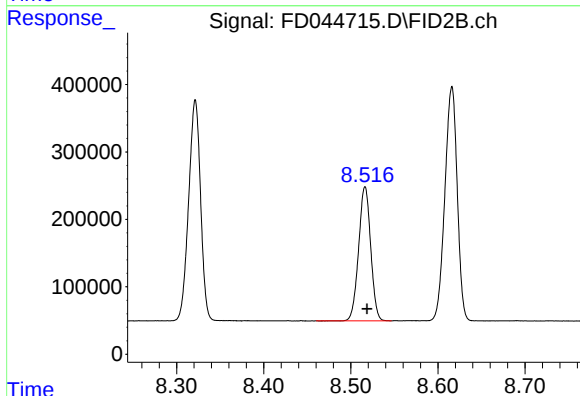
R.T.: 7.660 min
Delta R.T.: -0.003 min
Response: 2841591
Conc: 19.71 ug/ml



#5 Acenaphthylene (C15.06)

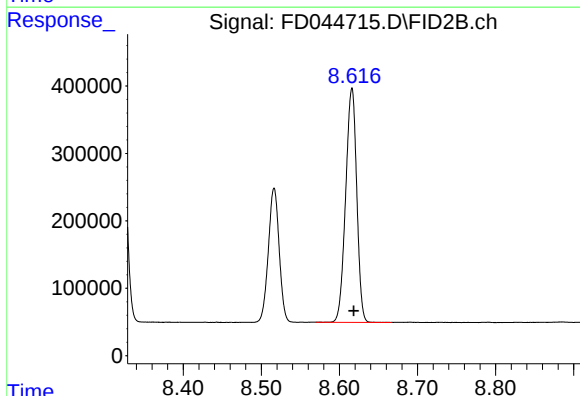
R.T.: 8.321 min
Delta R.T.: -0.003 min
Response: 3127578
Conc: 20.62 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD ICV



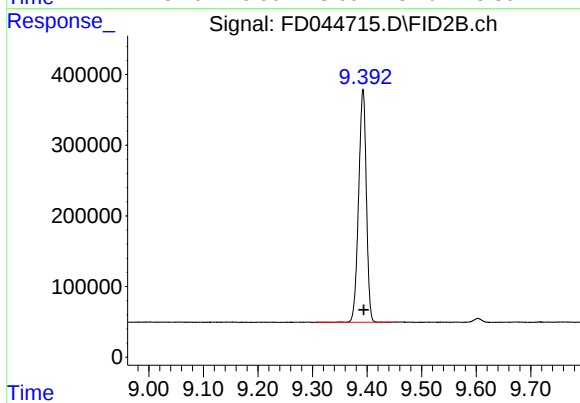
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.516 min
Delta R.T.: -0.002 min
Response: 1912776
Conc: 19.70 ug/ml



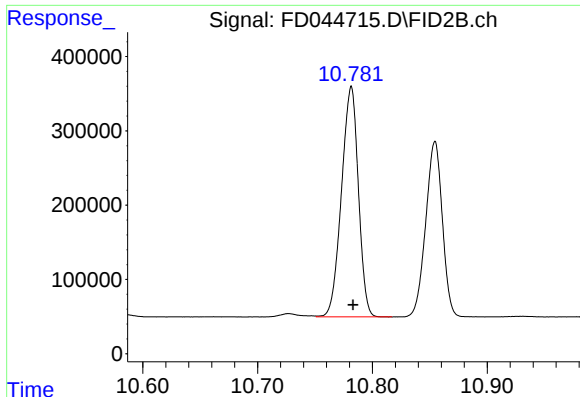
#7 Acenaphthene (C15.5)

R.T.: 8.616 min
Delta R.T.: -0.002 min
Response: 3424034
Conc: 21.12 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.392 min
Delta R.T.: -0.002 min
Response: 3238563
Conc: 20.32 ug/ml



#9 Phenanthrene (C19.36)

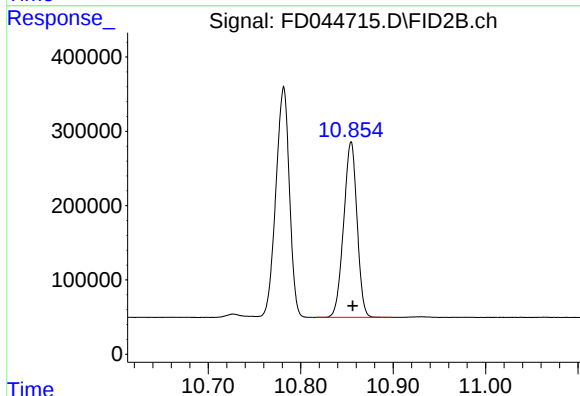
R.T.: 10.781 min
Delta R.T.: -0.002 min
Response: 3170486
Conc: 20.20 ug/ml

Instrument :

FID_D

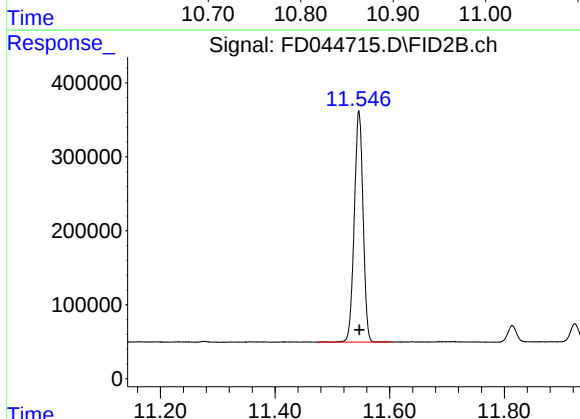
ClientSampleId :

20 PPM AROMATIC HC STD ICV



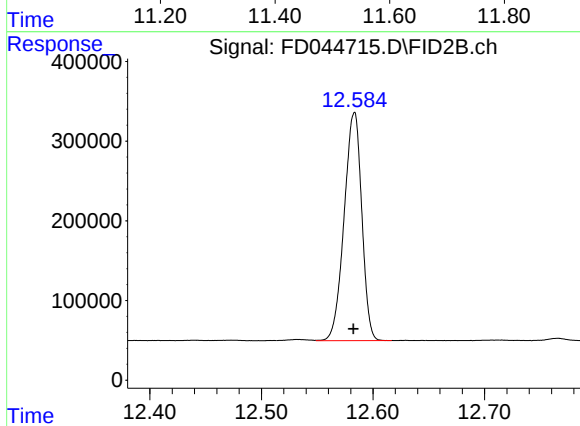
#10 Anthracene (C19.43)

R.T.: 10.854 min
Delta R.T.: -0.002 min
Response: 2378948
Conc: 18.92 ug/ml



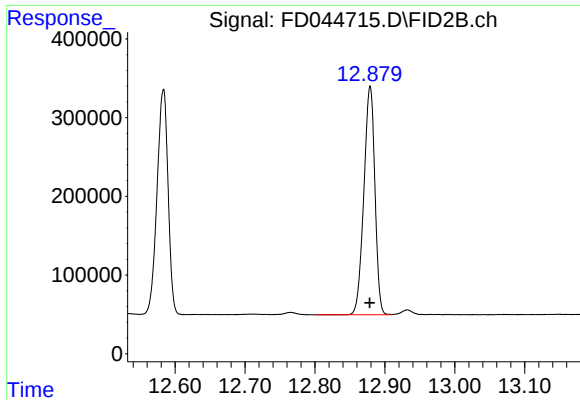
#11 ortho-Terphenyl (SURR)

R.T.: 11.546 min
Delta R.T.: 0.000 min
Response: 3322616
Conc: 18.44 ug/ml



#12 Fluoranthene (C21.85)

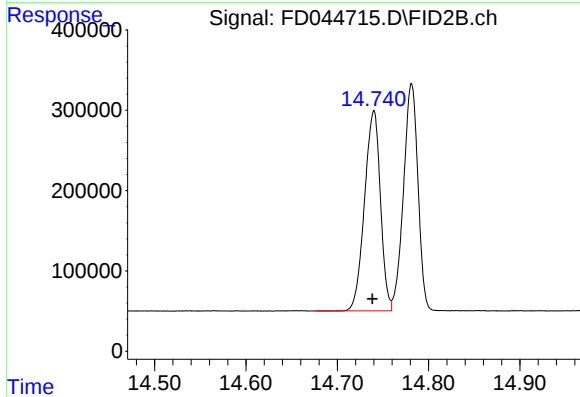
R.T.: 12.583 min
Delta R.T.: 0.000 min
Response: 3143909
Conc: 20.02 ug/ml



#13 Pyrene (C20.8)

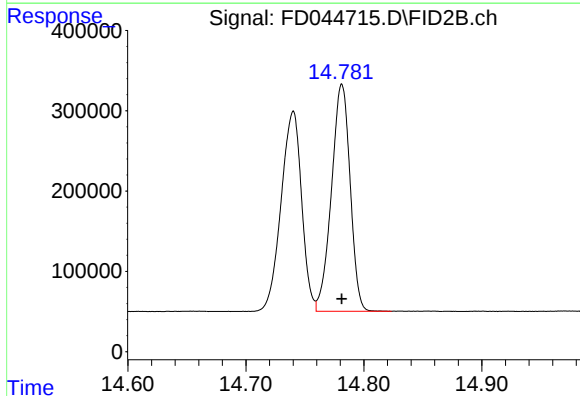
R.T.: 12.879 min
Delta R.T.: 0.000 min
Response: 3183708
Conc: 20.80 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD ICV



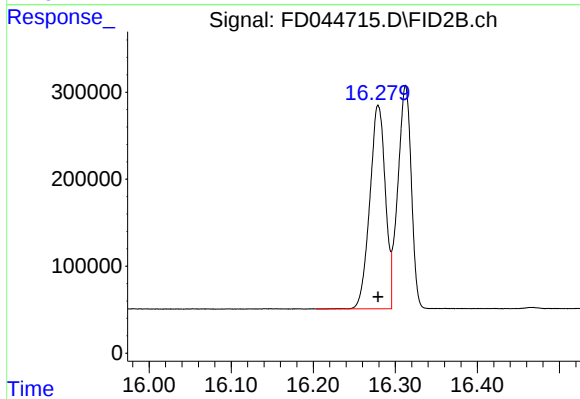
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.740 min
Delta R.T.: 0.001 min
Response: 3012097
Conc: 21.18 ug/ml



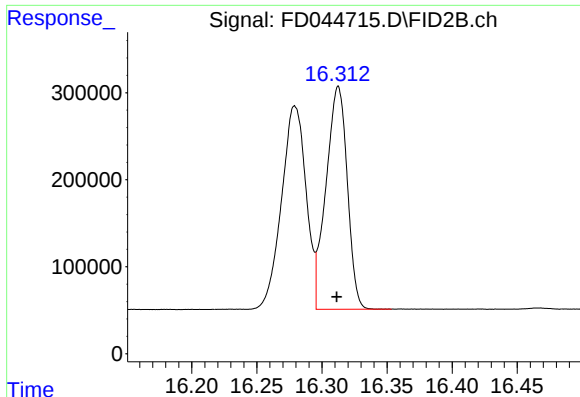
#15 Chrysene (C27.41)

R.T.: 14.781 min
Delta R.T.: 0.000 min
Response: 3110223
Conc: 20.51 ug/ml



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

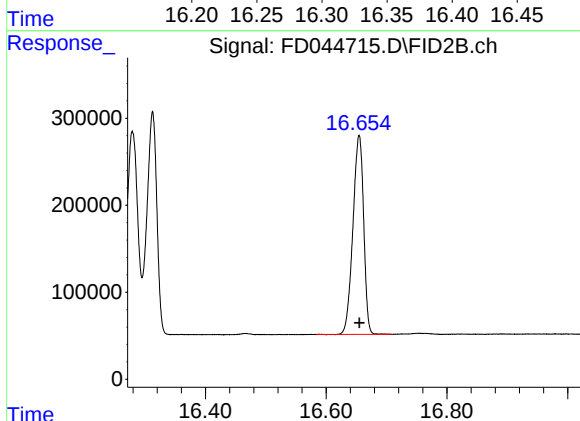
R.T.: 16.279 min
Delta R.T.: 0.000 min
Response: 3077767
Conc: 20.46 ug/ml



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

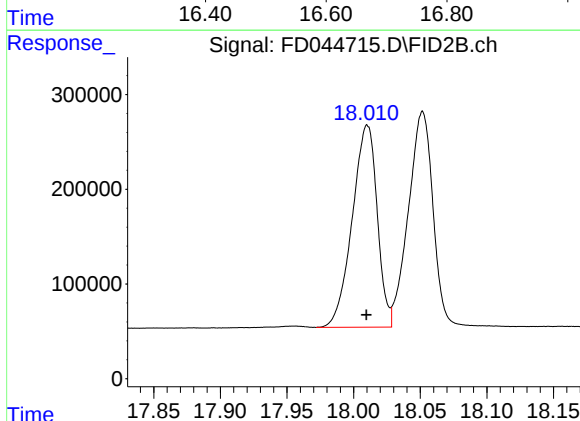
R.T.: 16.312 min
Delta R.T.: 0.001 min
Response: 2914515
Conc: 19.24 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD ICV



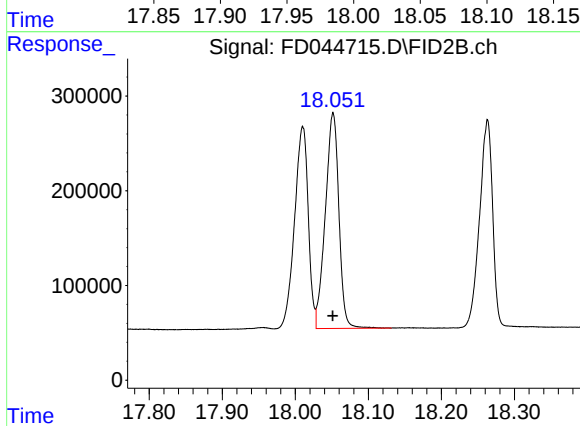
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.654 min
Delta R.T.: 0.000 min
Response: 2823241
Conc: 19.46 ug/ml



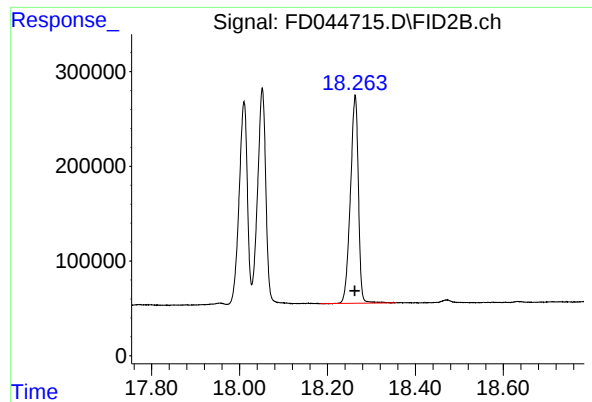
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.010 min
Delta R.T.: 0.000 min
Response: 2783665
Conc: 19.68 ug/ml



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

R.T.: 18.052 min
Delta R.T.: 0.000 min
Response: 2938651
Conc: 20.05 ug/ml



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

R.T.: 18.263 min
Delta R.T.: 0.000 min
Response: 2763423
Conc: 19.45 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD ICV