

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111124AR\
 Data File : FF014998.D
 Signal(s) : FID2B.ch
 Acq On : 11 Nov 2024 15:33
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Nov 11 20:49:03 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 110724.M
 Quant Title : GC Extractables
 QLast Update : Fri Nov 08 08:49:17 2024
 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...	7.993	2703314	20.313 ug/ml
Spiked Amount 50.000		Recovery =	40.63%
6) S 2-Fluorobiphenyl (SURR)	8.868	1798974	20.171 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.34%
11) S ortho-Terphenyl (SURR)	11.930	3000510	20.372 ug/ml
Spiked Amount 50.000		Recovery =	40.74%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.610	3106405	20.410 ug/ml
2) T Naphthalene (C11.7)	6.275	3192805	20.344 ug/ml
3) T 2-Methylnaphthalene (...)	7.369	3191754	20.346 ug/ml
5) T Acenaphthylene (C15.06)	8.668	3071026	20.195 ug/ml
7) T Acenaphthene (C15.5)	8.968	3080847	20.304 ug/ml
8) T Fluorene (C16.55)	9.756	2982923	20.110 ug/ml
9) T Phenanthrene (C19.36)	11.162	2917238	20.114 ug/ml
10) T Anthracene (C19.43)	11.237	2595870	18.916 ug/ml
12) T Fluoranthene (C21.85)	12.982	2813178	20.130 ug/ml
13) T Pyrene (C20.8)	13.281	2776592	20.151 ug/ml
14) T Benzo[a]anthracene (C...	15.160	2644222	19.816 ug/ml
15) T Chrysene (C27.41)	15.203	2704467	19.921 ug/ml
16) T benzo[b]fluoranthene ...	16.719	2752450	20.024 ug/ml
17) T Bnezo[k]fluoranthene ...	16.750	2578848	20.048 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.098	2727357	20.115 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.469	2646867	19.259 ug/ml
20) T Dibenz[a,h]anthracene...	18.508	2824817	19.093 ug/ml
21) T Benzo[g,h,i]perylene ...	18.727	2924305	19.982 ug/ml

(f)=RT Delta > 1/2 Window

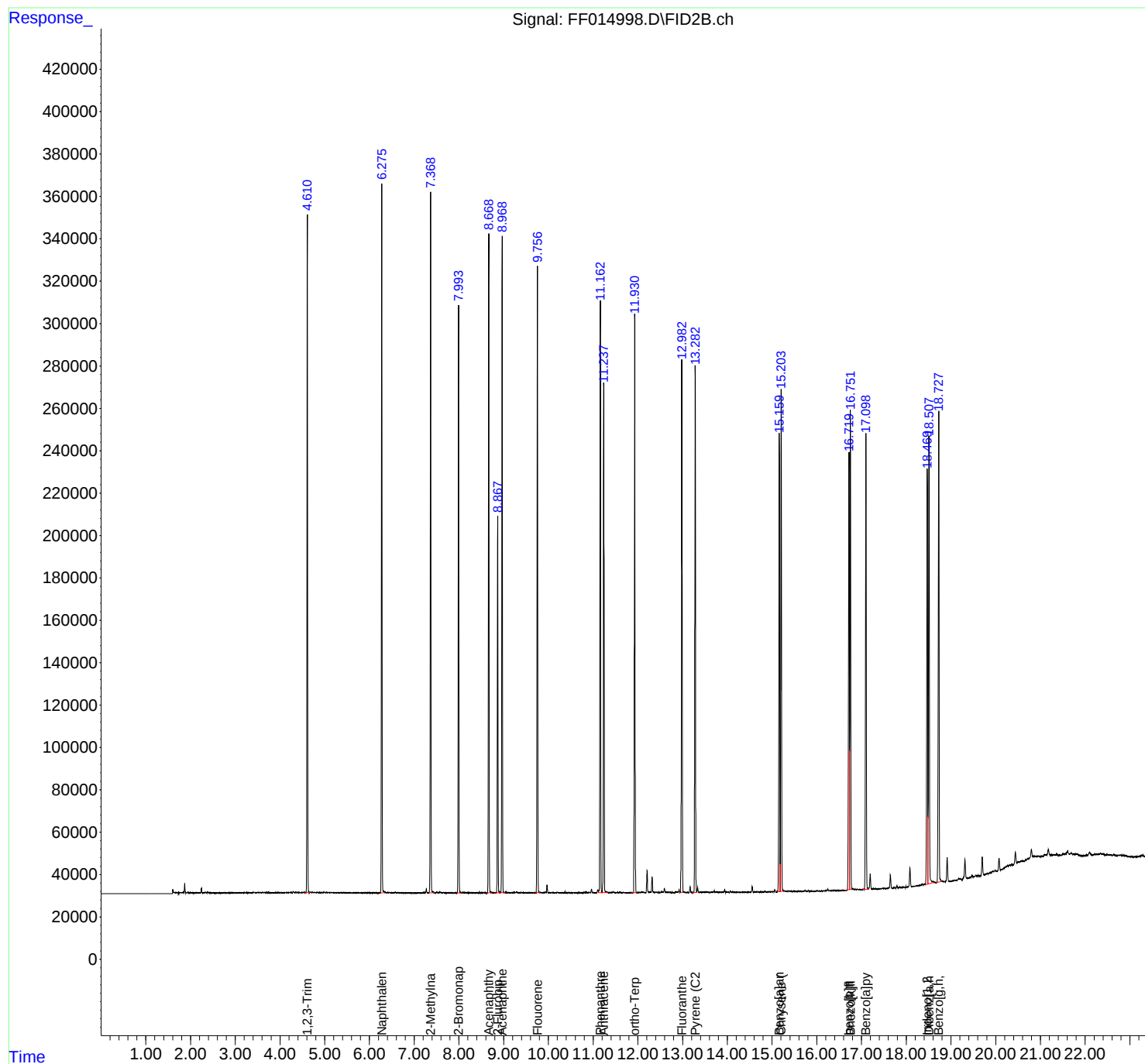
(m)=manual int.

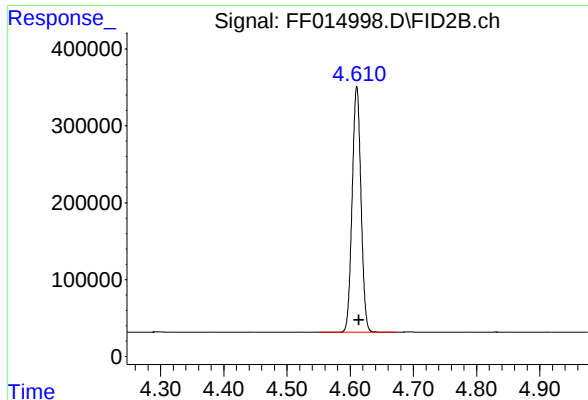
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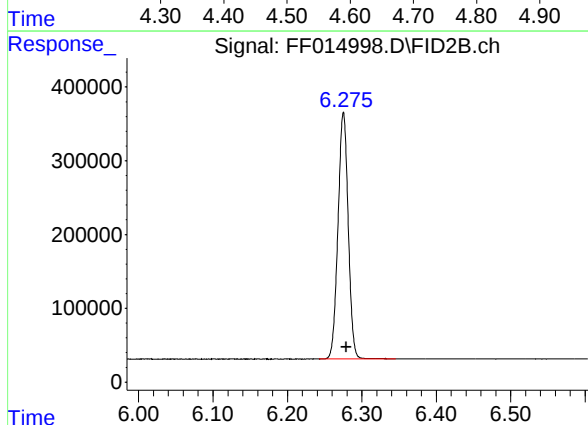




#1 1,2,3-Trimethylbenzene (C10.1)

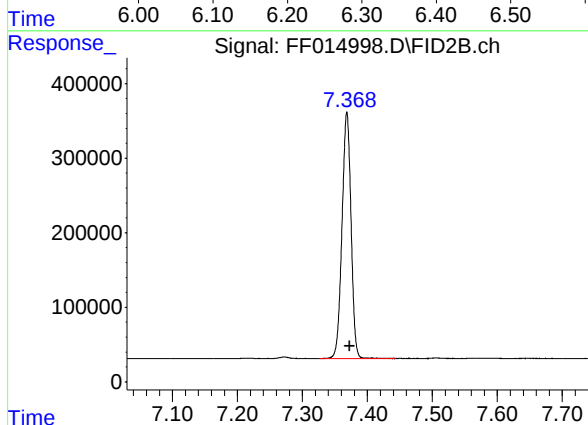
R.T.: 4.610 min
Delta R.T.: -0.004 min
Response: 3106405
Conc: 20.41 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD



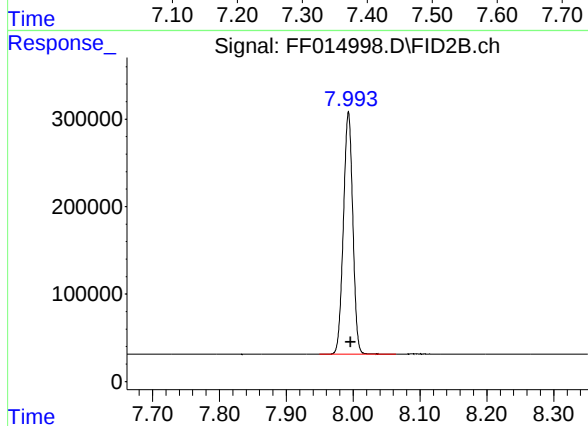
#2 Naphthalene (C11.7)

R.T.: 6.275 min
Delta R.T.: -0.004 min
Response: 3192805
Conc: 20.34 ug/ml



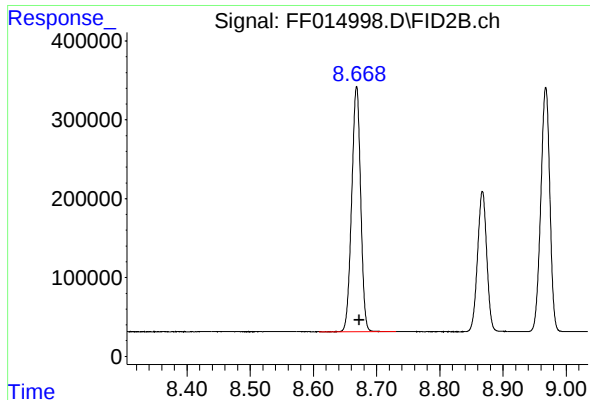
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.369 min
Delta R.T.: -0.004 min
Response: 3191754
Conc: 20.35 ug/ml



#4 2-Bromonaphthalene (SURR)

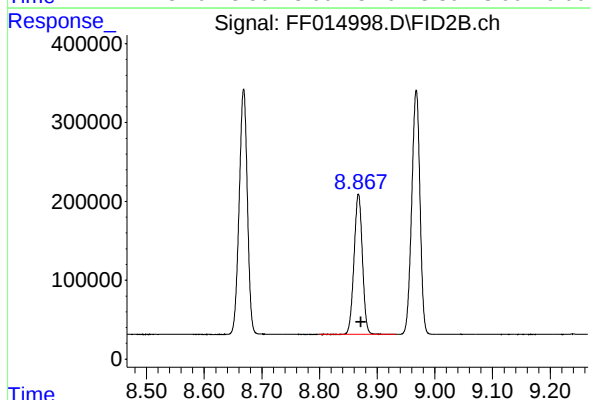
R.T.: 7.993 min
Delta R.T.: -0.004 min
Response: 2703314
Conc: 20.31 ug/ml



#5 Acenaphthylene (C15.06)

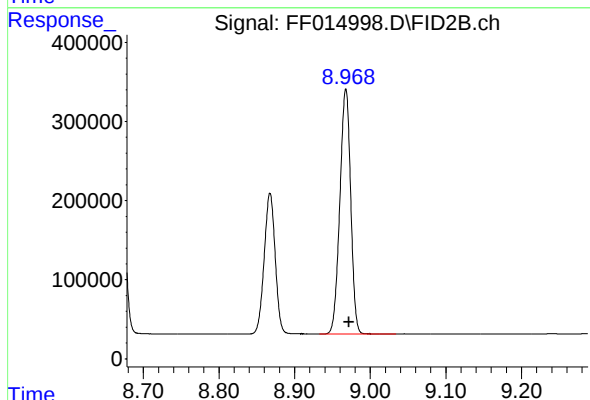
R.T.: 8.668 min
Delta R.T.: -0.004 min
Response: 3071026
Conc: 20.19 ug/ml

Instrument :
FID_F
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20 PPM AROMATIC HC STD



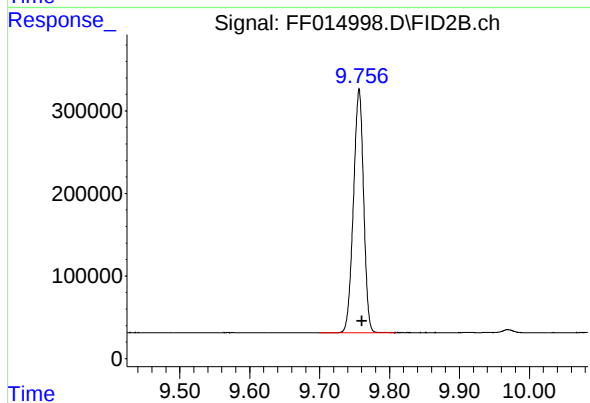
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.868 min
Delta R.T.: -0.005 min
Response: 1798974
Conc: 20.17 ug/ml



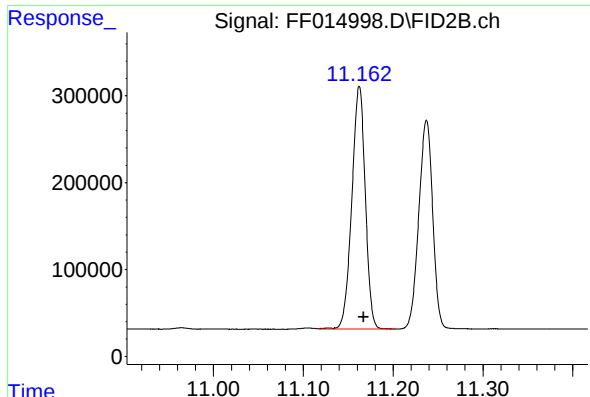
#7 Acenaphthene (C15.5)

R.T.: 8.968 min
Delta R.T.: -0.004 min
Response: 3080847
Conc: 20.30 ug/ml



#8 Flouorene (C16.55)

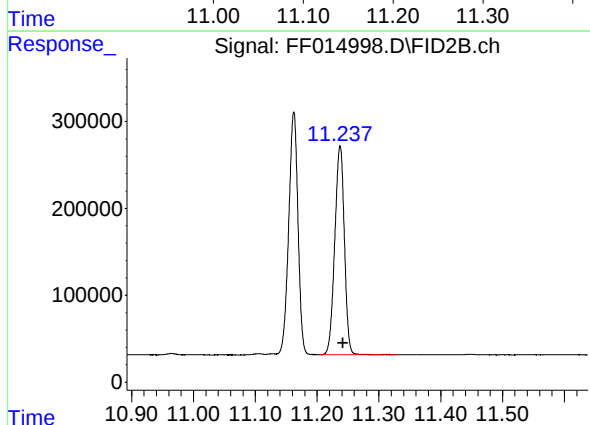
R.T.: 9.756 min
Delta R.T.: -0.004 min
Response: 2982923
Conc: 20.11 ug/ml



#9 Phenanthrene (C19.36)

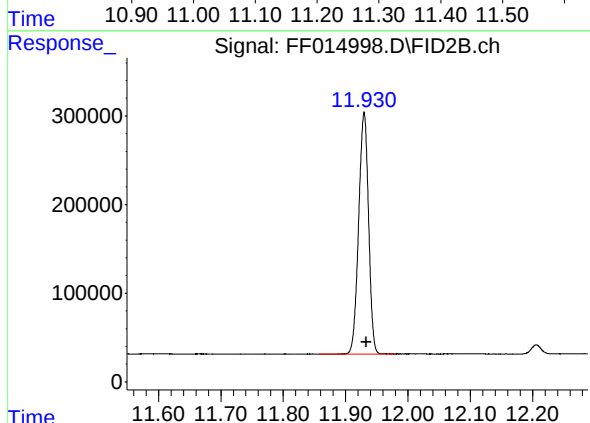
R.T.: 11.162 min
Delta R.T.: -0.005 min
Response: 2917238
Conc: 20.11 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



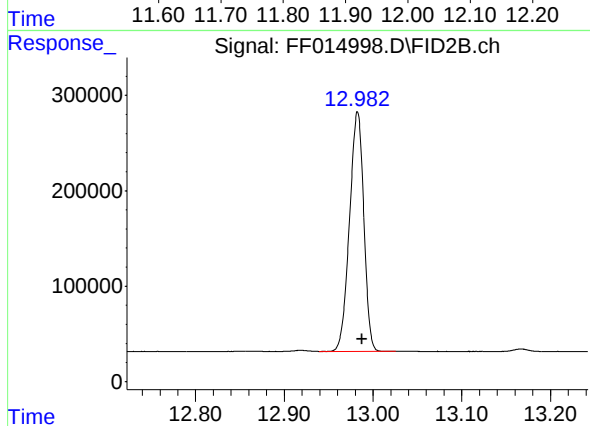
#10 Anthracene (C19.43)

R.T.: 11.237 min
Delta R.T.: -0.005 min
Response: 2595870
Conc: 18.92 ug/ml



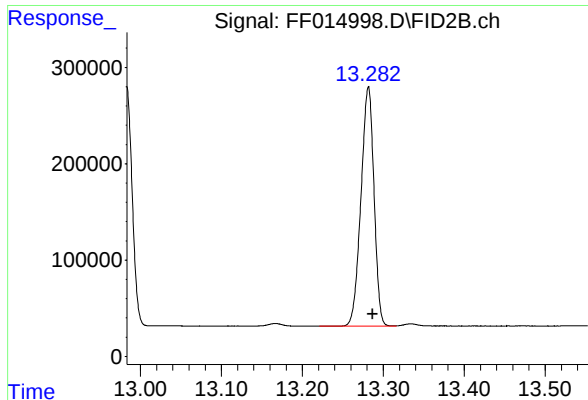
#11 ortho-Terphenyl (SURR)

R.T.: 11.930 min
Delta R.T.: -0.004 min
Response: 3000510
Conc: 20.37 ug/ml



#12 Fluoranthene (C21.85)

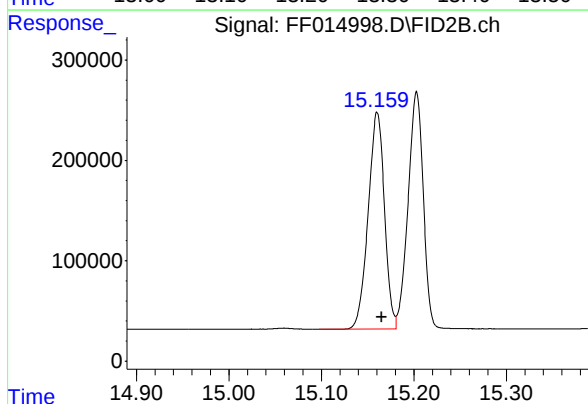
R.T.: 12.982 min
Delta R.T.: -0.005 min
Response: 2813178
Conc: 20.13 ug/ml



#13 Pyrene (C20.8)

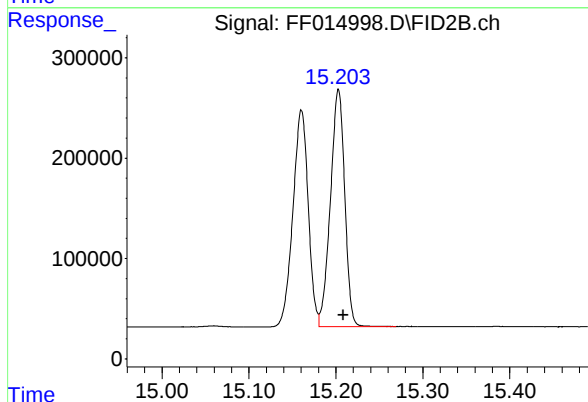
R.T.: 13.281 min
Delta R.T.: -0.005 min
Response: 2776592
Conc: 20.15 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD



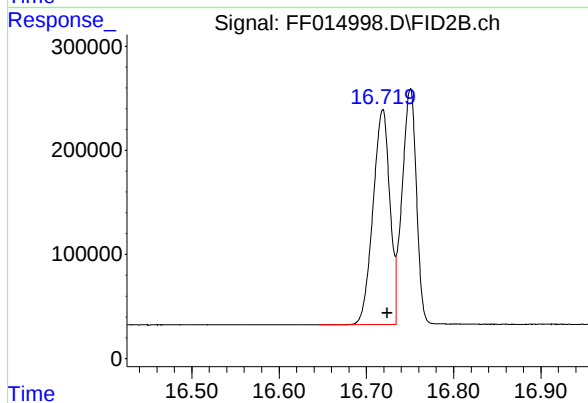
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.160 min
Delta R.T.: -0.005 min
Response: 2644222
Conc: 19.82 ug/ml



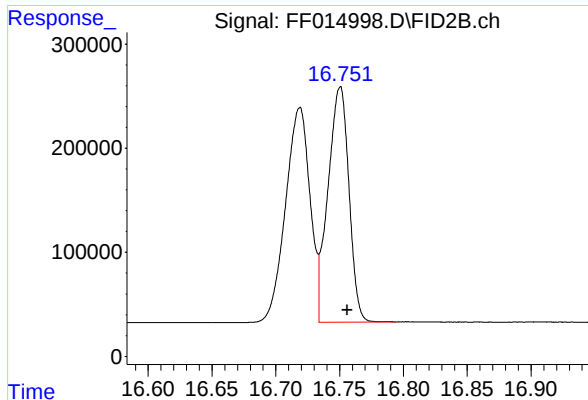
#15 Chrysene (C27.41)

R.T.: 15.203 min
Delta R.T.: -0.006 min
Response: 2704467
Conc: 19.92 ug/ml



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

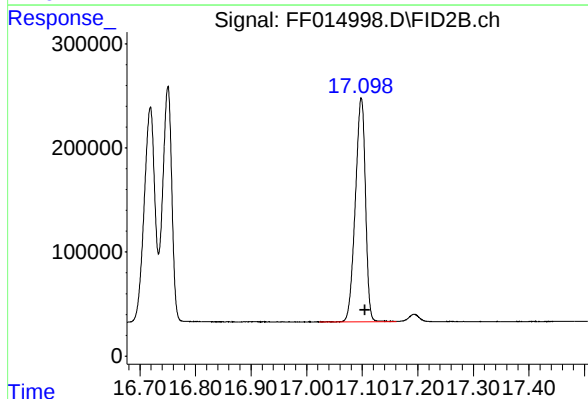
R.T.: 16.719 min
Delta R.T.: -0.005 min
Response: 2752450
Conc: 20.02 ug/ml



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

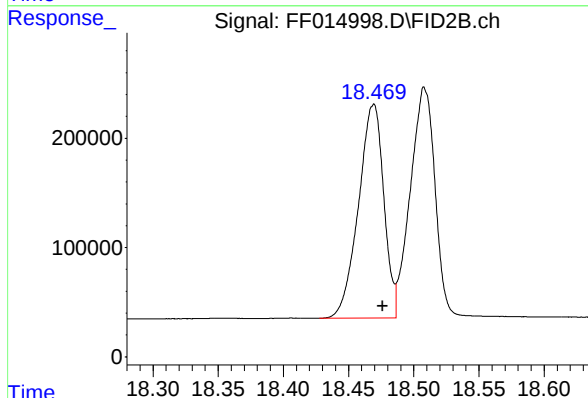
R.T.: 16.750 min
Delta R.T.: -0.006 min
Response: 2578848
Conc: 20.05 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD



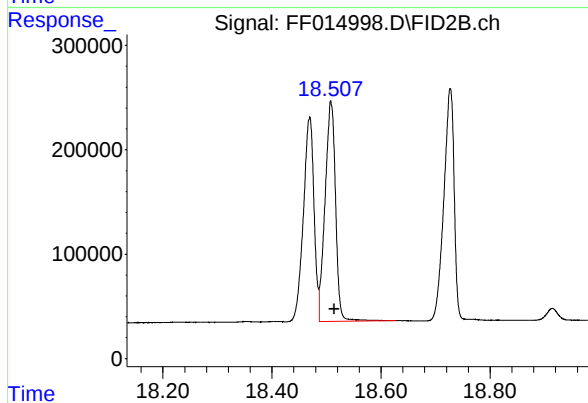
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.098 min
Delta R.T.: -0.007 min
Response: 2727357
Conc: 20.11 ug/ml



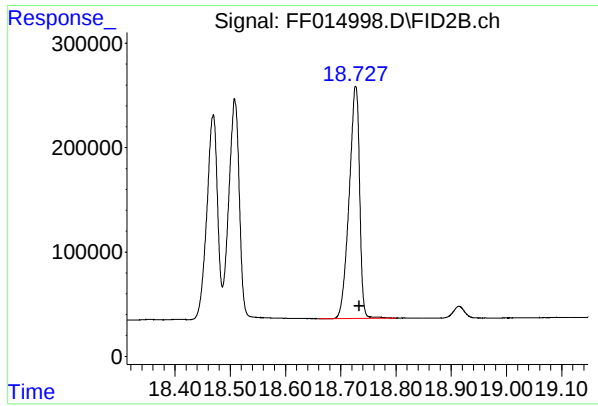
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.469 min
Delta R.T.: -0.007 min
Response: 2646867
Conc: 19.26 ug/ml



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

R.T.: 18.508 min
Delta R.T.: -0.006 min
Response: 2824817
Conc: 19.09 ug/ml



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

R.T.: 18.727 min

Delta R.T.: -0.007 min

Response: 2924305

Conc: 19.98 ug/ml

Instrument :

FID_F

ClientSampleId :

20 PPM AROMATIC HC STD