

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD033023AR\
 Data File : FD045392.D
 Signal(s) : FID2B.ch
 Acq On : 30 Mar 2023 07:37
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Mar 30 08:06:32 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 0302823.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 28 05:56:14 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...	7.547	2725632	19.894 ug/ml
Spiked Amount 50.000		Recovery =	39.79%
6) S 2-Fluorobiphenyl (SURR)	8.402	1791075	19.979 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.96%
11) S ortho-Terphenyl (SURR)	11.442	3451759	19.839 ug/ml
Spiked Amount 50.000		Recovery =	39.68%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.356	3103682	19.923 ug/ml
2) T Naphthalene (C11.7)	5.887	3208734	19.966 ug/ml
3) T 2-Methylnaphthalene (...)	6.936	3181113	19.872 ug/ml
5) T Acenaphthylene (C15.06)	8.207	2893637	19.763 ug/ml
7) T Acenaphthene (C15.5)	8.501	3082462	19.873 ug/ml
8) T Fluorene (C16.55)	9.280	2974340	20.058 ug/ml
9) T Phenanthrene (C19.36)	10.671	2892289	19.967 ug/ml
10) T Anthracene (C19.43)	10.744	2726798	19.727 ug/ml
12) T Fluoranthene (C21.85)	12.475	2859526	19.876 ug/ml
13) T Pyrene (C20.8)	12.770	2808050	19.972 ug/ml
14) T Benzo[a]anthracene (C...	14.633	2555492	19.927 ug/ml
15) T Chrysene (C27.41)	14.676	2624357	19.791 ug/ml
16) T benzo[b]fluoranthene ...	16.175	2594551	19.973 ug/ml
17) T Bnezo[k]fluoranthene ...	16.207	2552036	20.150 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.551	2493296	19.831 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.907	2247997	18.993 ug/ml
20) T Dibenz[a,h]anthracene...	17.949	2270487	19.058 ug/ml
21) T Benzo[g,h,i]perylene ...	18.160	2407986	19.278 ug/ml

(f)=RT Delta > 1/2 Window

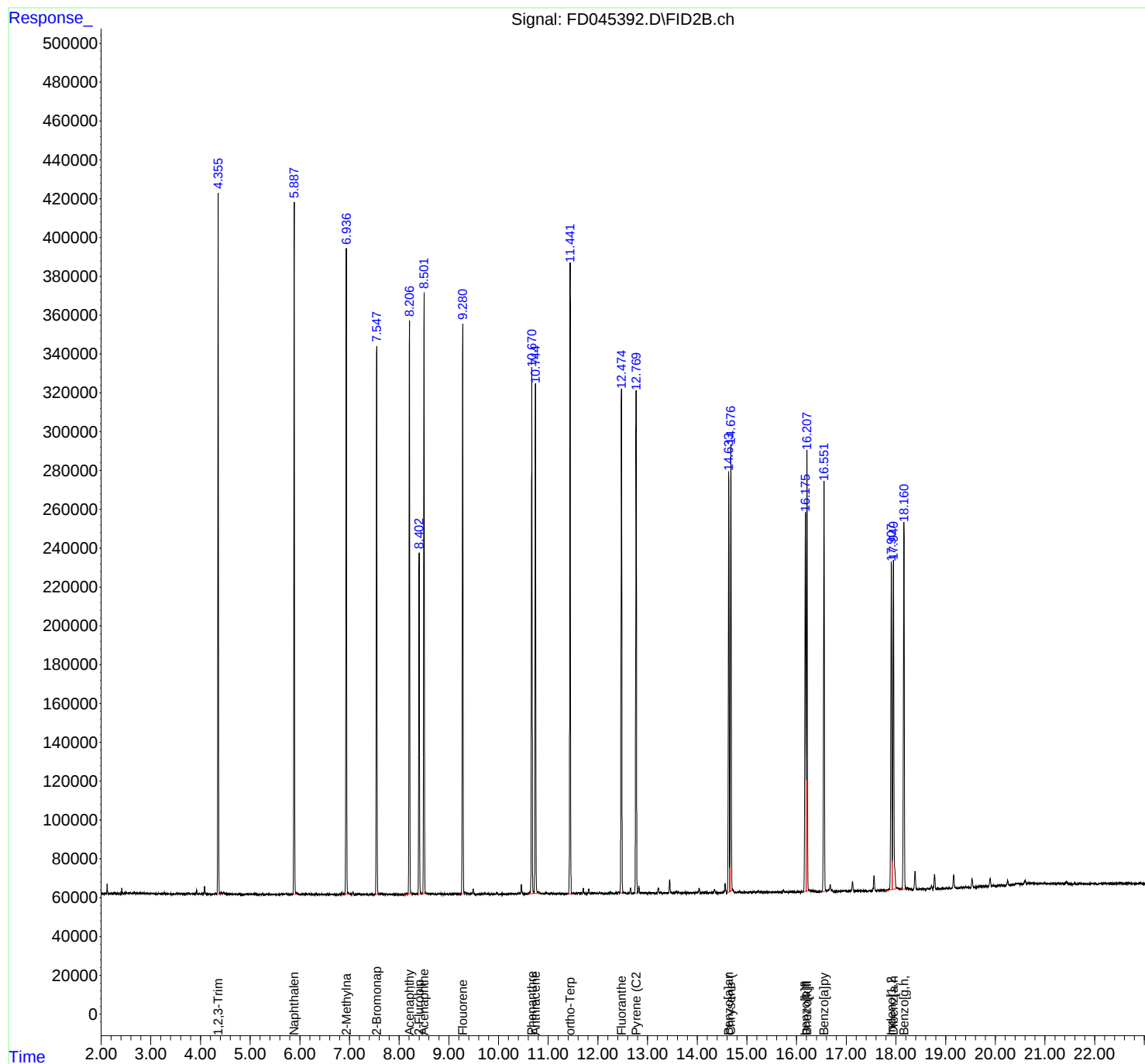
(m)=manual int.

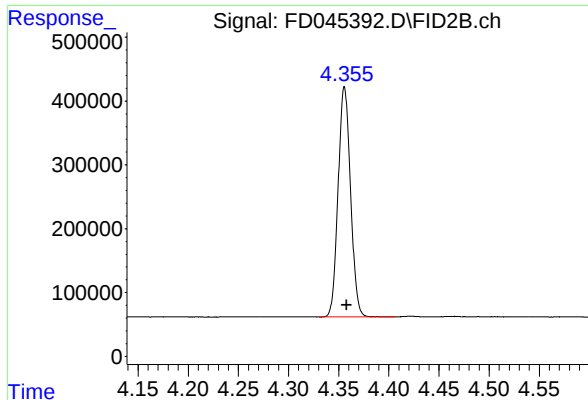
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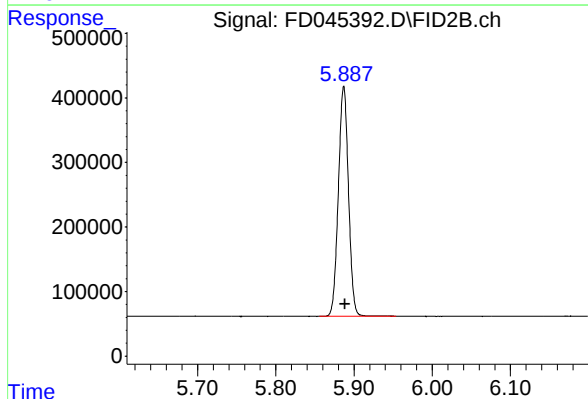




#1 1,2,3-Trimethylbenzene (C10.1)

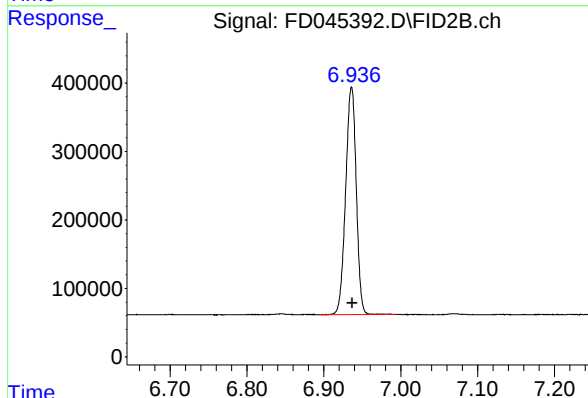
R.T.: 4.356 min
Delta R.T.: -0.002 min
Response: 3103682
Conc: 19.92 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



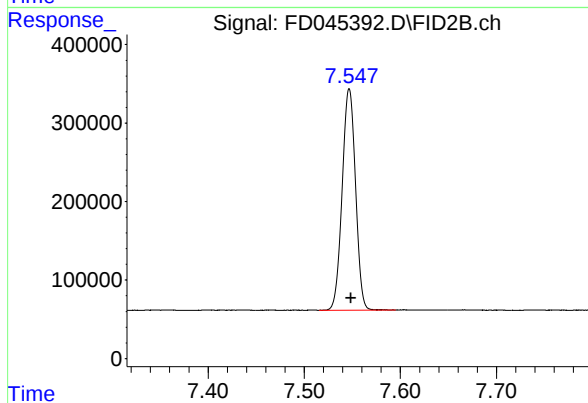
#2 Naphthalene (C11.7)

R.T.: 5.887 min
Delta R.T.: -0.002 min
Response: 3208734
Conc: 19.97 ug/ml



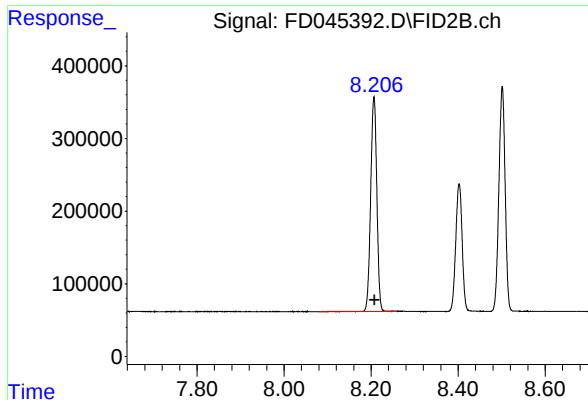
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.936 min
Delta R.T.: -0.001 min
Response: 3181113
Conc: 19.87 ug/ml



#4 2-Bromonaphthalene (SURR)

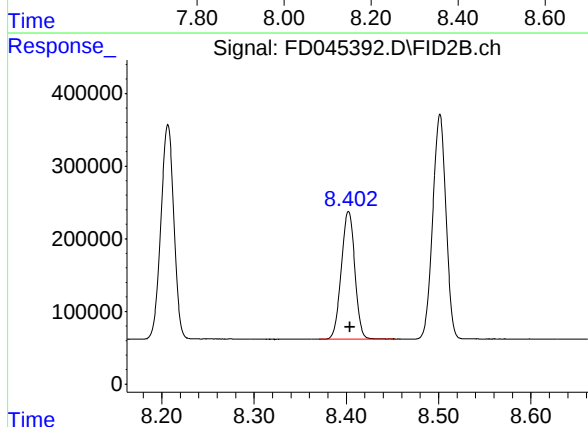
R.T.: 7.547 min
Delta R.T.: -0.002 min
Response: 2725632
Conc: 19.89 ug/ml



#5 Acenaphthylene (C15.06)

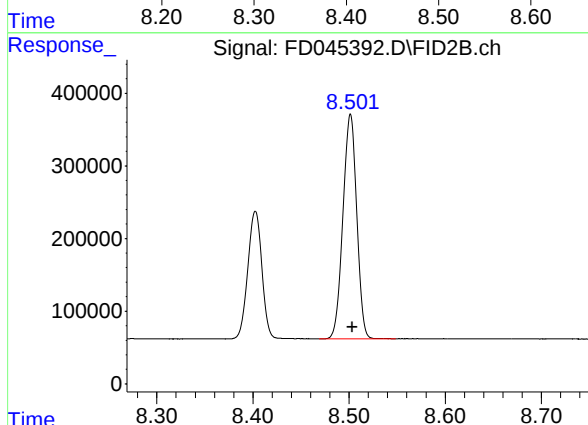
R.T.: 8.207 min
Delta R.T.: -0.002 min
Response: 2893637
Conc: 19.76 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



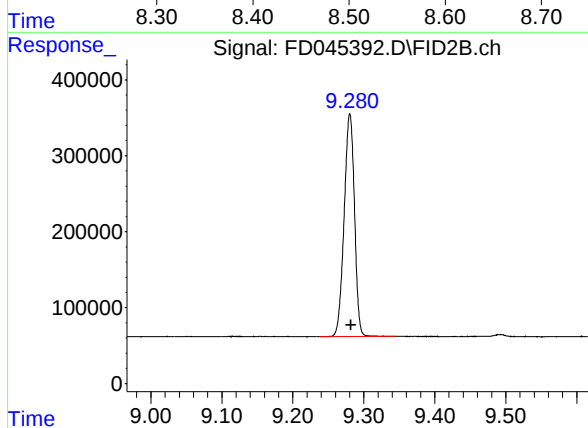
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.402 min
Delta R.T.: -0.002 min
Response: 1791075
Conc: 19.98 ug/ml



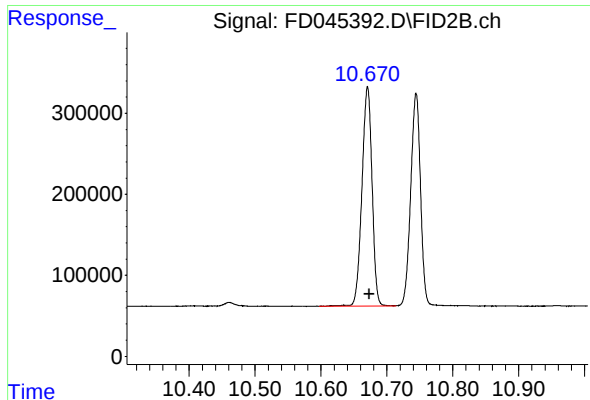
#7 Acenaphthene (C15.5)

R.T.: 8.501 min
Delta R.T.: -0.002 min
Response: 3082462
Conc: 19.87 ug/ml



#8 Fluorene (C16.55)

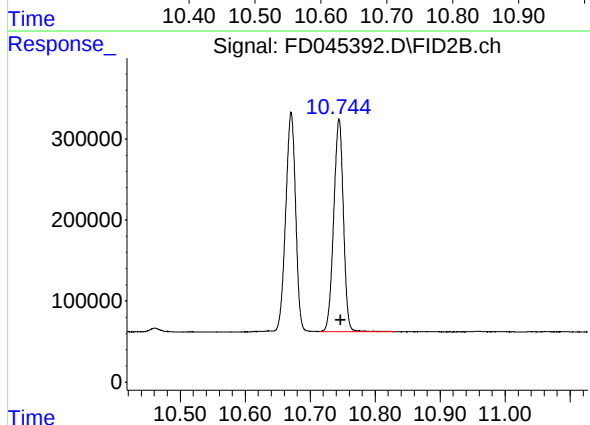
R.T.: 9.280 min
Delta R.T.: -0.002 min
Response: 2974340
Conc: 20.06 ug/ml



#9 Phenanthrene (C19.36)

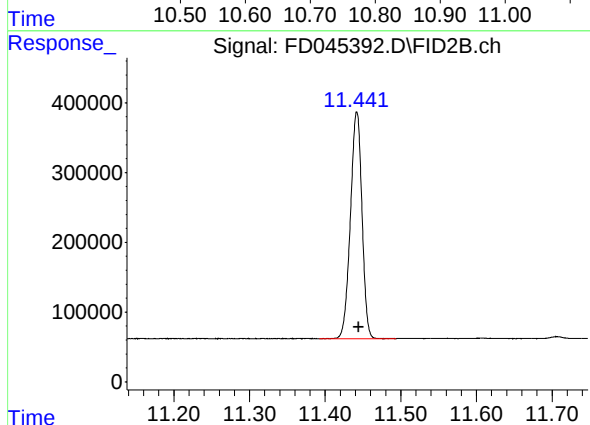
R.T.: 10.671 min
Delta R.T.: -0.003 min
Response: 2892289
Conc: 19.97 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



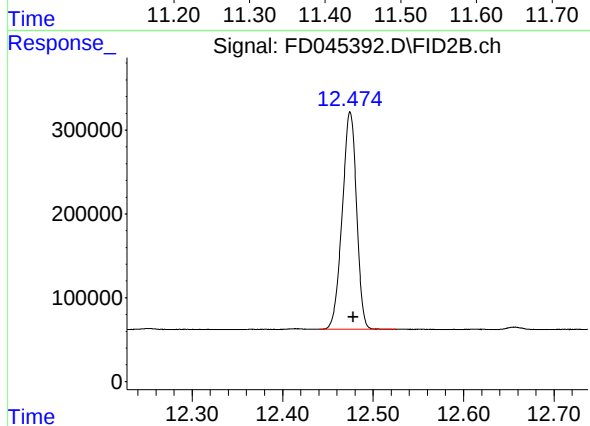
#10 Anthracene (C19.43)

R.T.: 10.744 min
Delta R.T.: -0.002 min
Response: 2726798
Conc: 19.73 ug/ml



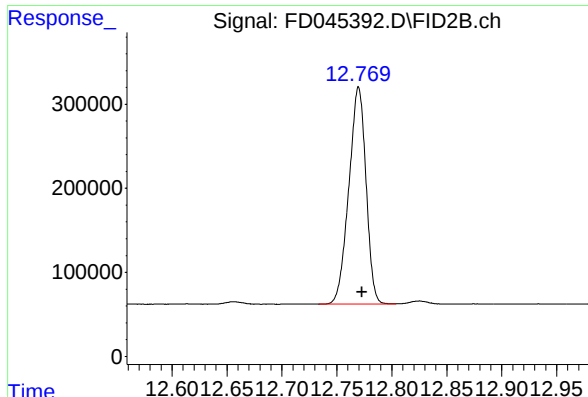
#11 ortho-Terphenyl (SURR)

R.T.: 11.442 min
Delta R.T.: -0.003 min
Response: 3451759
Conc: 19.84 ug/ml



#12 Fluoranthene (C21.85)

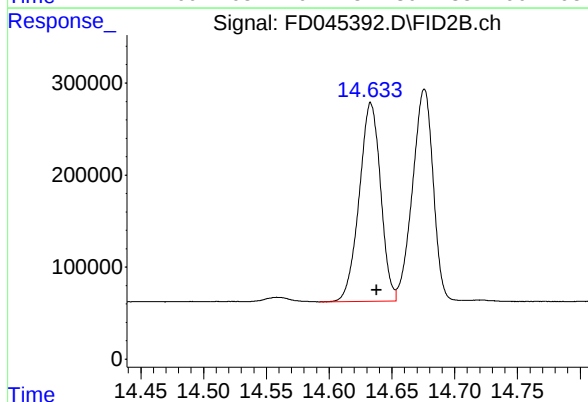
R.T.: 12.475 min
Delta R.T.: -0.003 min
Response: 2859526
Conc: 19.88 ug/ml



#13 Pyrene (C20.8)

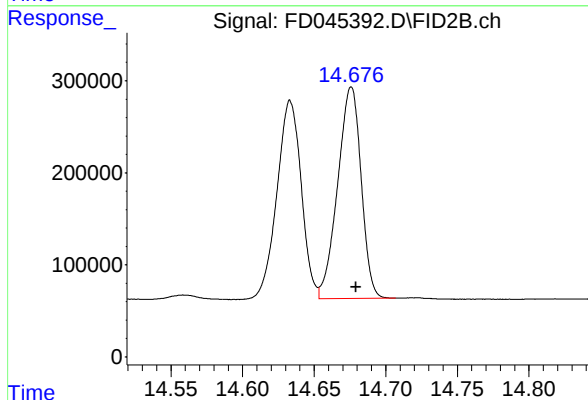
R.T.: 12.770 min
Delta R.T.: -0.003 min
Response: 2808050
Conc: 19.97 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



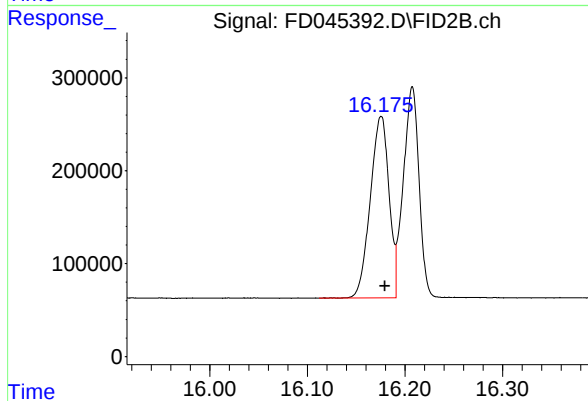
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.633 min
Delta R.T.: -0.005 min
Response: 2555492
Conc: 19.93 ug/ml



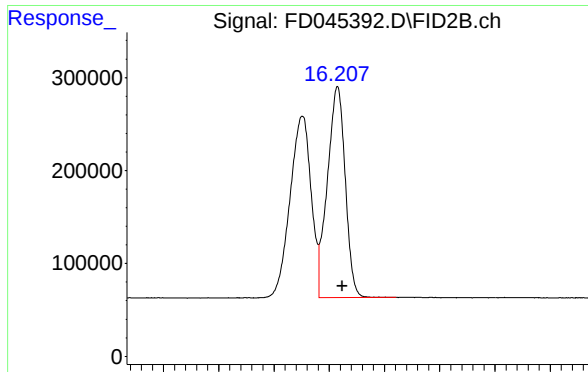
#15 Chrysene (C27.41)

R.T.: 14.676 min
Delta R.T.: -0.003 min
Response: 2624357
Conc: 19.79 ug/ml



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

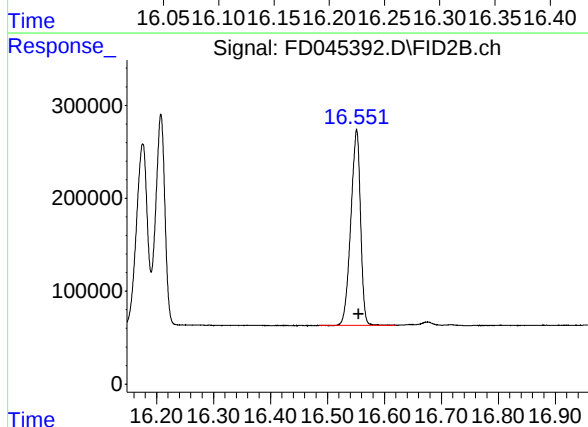
R.T.: 16.175 min
Delta R.T.: -0.004 min
Response: 2594551
Conc: 19.97 ug/ml



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

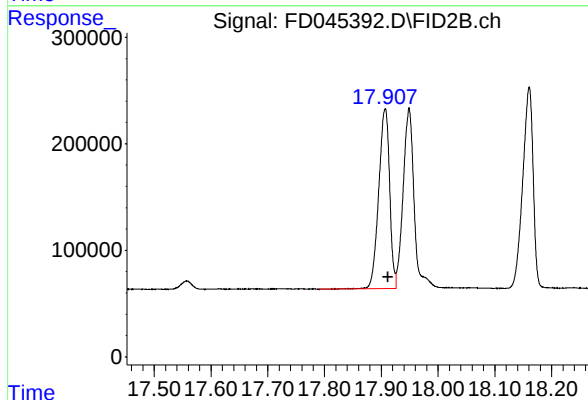
R.T.: 16.207 min
Delta R.T.: -0.005 min
Response: 2552036
Conc: 20.15 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



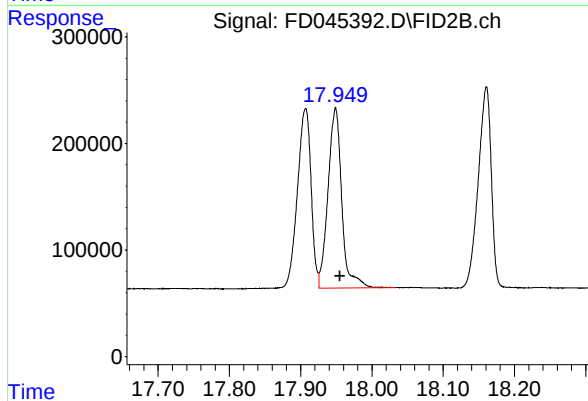
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.551 min
Delta R.T.: -0.004 min
Response: 2493296
Conc: 19.83 ug/ml



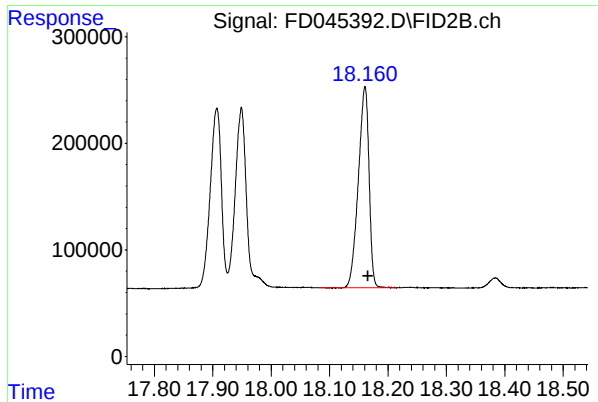
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.907 min
Delta R.T.: -0.005 min
Response: 2247997
Conc: 18.99 ug/ml



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

R.T.: 17.949 min
Delta R.T.: -0.007 min
Response: 2270487
Conc: 19.06 ug/ml



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

R.T.: 18.160 min

Delta R.T.: -0.005 min

Response: 2407986

Conc: 19.28 ug/ml

Instrument :

FID_D

ClientSampleId :

20 PPM AROMATIC HC STD