

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042123AR\
 Data File : FD045522.D
 Signal(s) : FID2B.ch
 Acq On : 21 Apr 2023 18:57
 Operator : YP/AJ
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 22 03:41:53 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042123.M
 Quant Title : GC Extractables
 QLast Update : Sat Apr 22 03:41:43 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...	7.545	742968	5.146 ug/ml
Spiked Amount 50.000		Recovery =	10.29%
6) S 2-Fluorobiphenyl (SURR)	8.400	468073	5.028 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	10.06%
11) S ortho-Terphenyl (SURR)	11.439	931387	5.207 ug/ml
Spiked Amount 50.000		Recovery =	10.41%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.355	884952	5.289 ug/ml
2) T Naphthalene (C11.7)	5.886	896654	5.240 ug/ml
3) T 2-Methylnaphthalene (...)	6.934	869215	5.146 ug/ml
5) T Acenaphthylene (C15.06)	8.204	774485	5.125 ug/ml
7) T Acenaphthene (C15.5)	8.499	830757	5.129 ug/ml
8) T Fluorene (C16.55)	9.277	773974	5.033 ug/ml
9) T Phenanthrene (C19.36)	10.667	756767	5.080 ug/ml
10) T Anthracene (C19.43)	10.741	690334	5.355 ug/ml
12) T Fluoranthene (C21.85)	12.470	766327	5.211 ug/ml
13) T Pyrene (C20.8)	12.765	738117	5.148 ug/ml
14) T Benzo[a]anthracene (C...	14.628	666826	5.103 ug/ml
15) T Chrysene (C27.41)	14.669	701209	5.147 ug/ml
16) T benzo[b]fluoranthene ...	16.168	674629	5.065 ug/ml
17) T Bnezo[k]fluoranthene ...	16.199	707966	5.293 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.544	645816	5.067 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.899	672640	5.440 ug/ml
20) T Dibenz[a,h]anthracene...	17.942	820100	6.130 ug/ml
21) T Benzo[g,h,i]perylene ...	18.149	678053	5.222 ug/ml

(f)=RT Delta > 1/2 Window

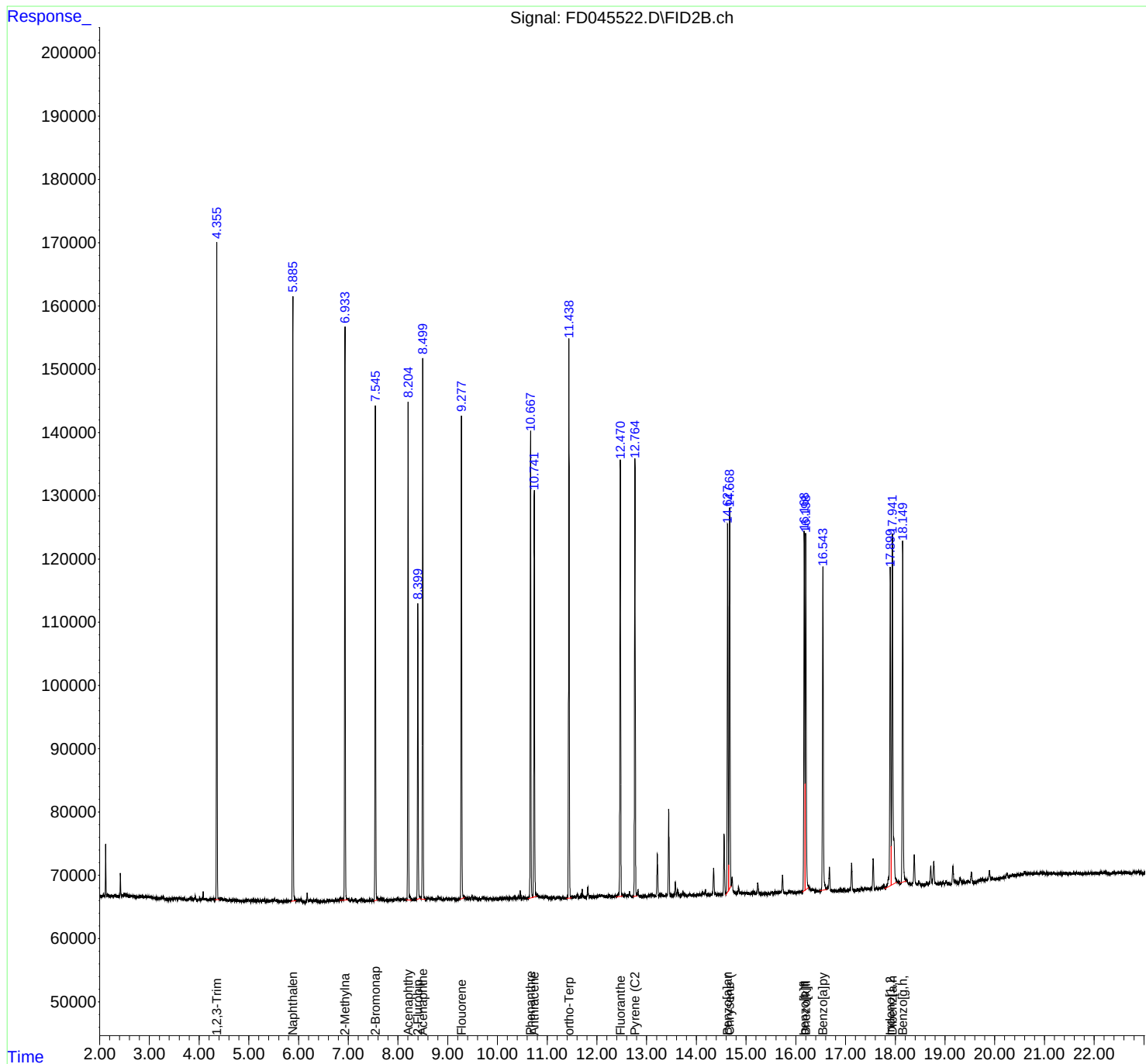
(m)=manual int.

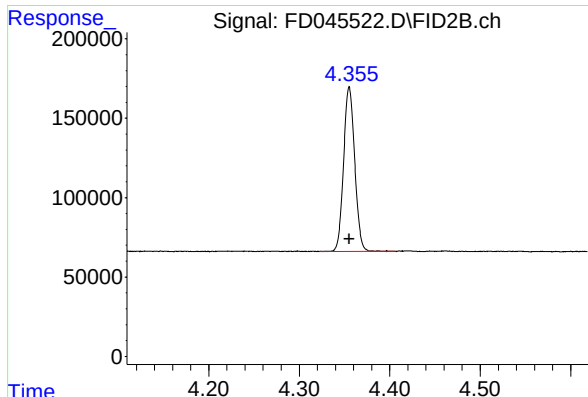
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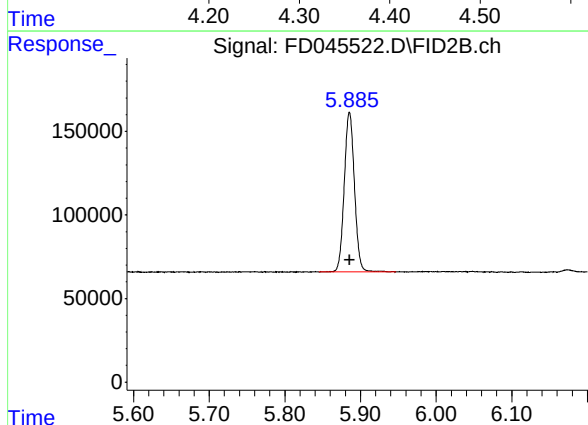




#1 1,2,3-Trimethylbenzene (C10.1)

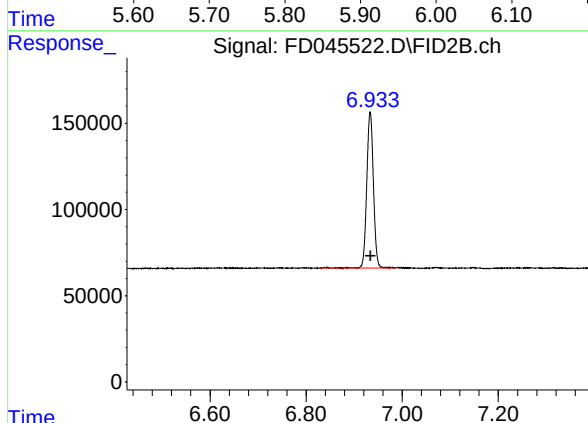
R.T.: 4.355 min
Delta R.T.: 0.000 min
Response: 884952
Conc: 5.29 ug/ml

Instrument :
FID_D
ClientSampleId :



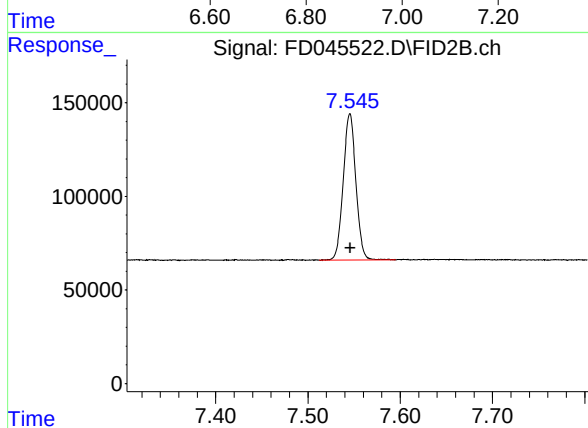
#2 Naphthalene (C11.7)

R.T.: 5.886 min
Delta R.T.: 0.000 min
Response: 896654
Conc: 5.24 ug/ml



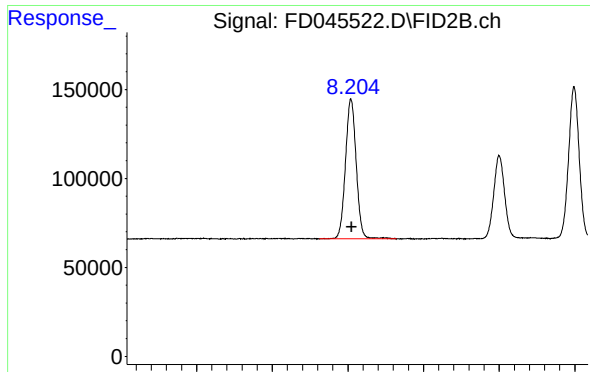
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.934 min
Delta R.T.: 0.000 min
Response: 869215
Conc: 5.15 ug/ml



#4 2-Bromonaphthalene (SURR)

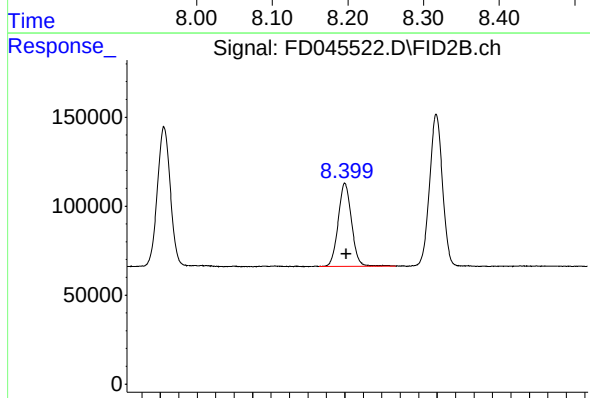
R.T.: 7.545 min
Delta R.T.: 0.000 min
Response: 742968
Conc: 5.15 ug/ml



#5 Acenaphthylene (C15.06)

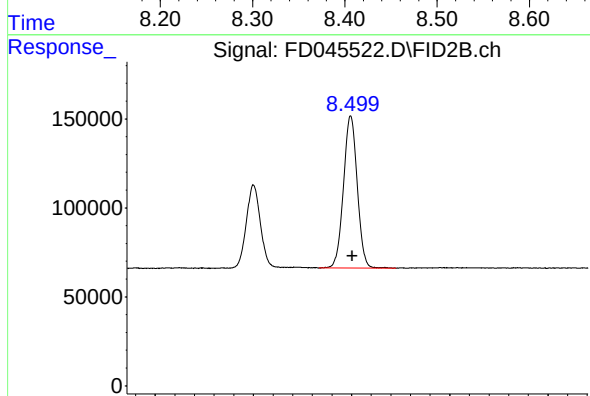
R.T.: 8.204 min
Delta R.T.: 0.000 min
Response: 774485
Conc: 5.13 ug/ml

Instrument :
FID_D
ClientSampleId :



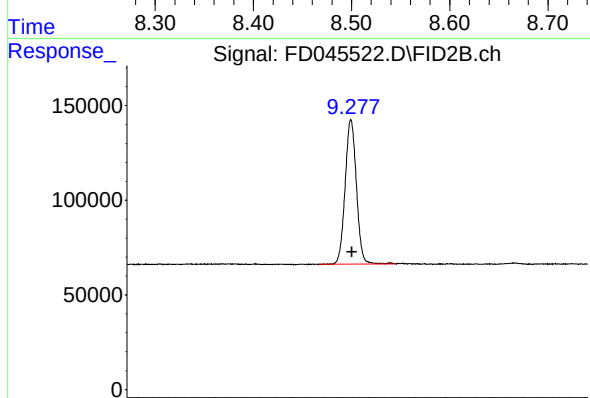
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.400 min
Delta R.T.: -0.001 min
Response: 468073
Conc: 5.03 ug/ml



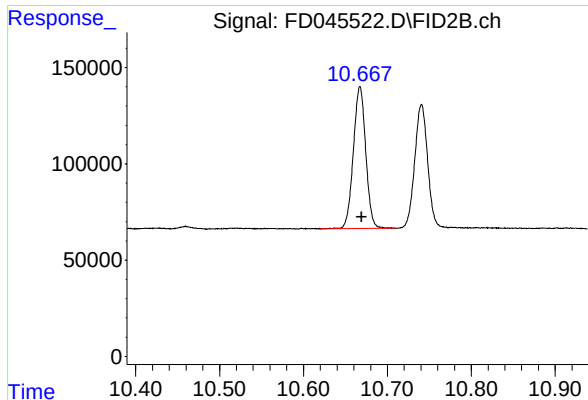
#7 Acenaphthene (C15.5)

R.T.: 8.499 min
Delta R.T.: -0.001 min
Response: 830757
Conc: 5.13 ug/ml



#8 Fluorene (C16.55)

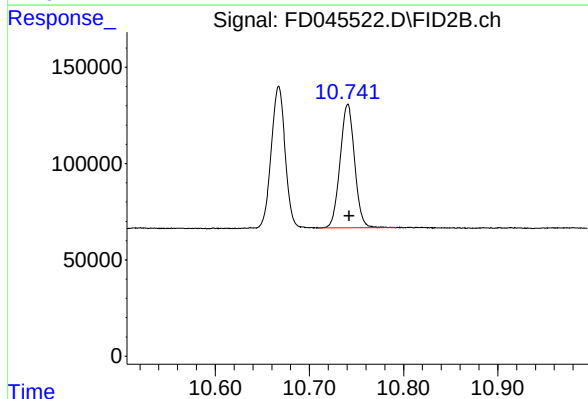
R.T.: 9.277 min
Delta R.T.: -0.002 min
Response: 773974
Conc: 5.03 ug/ml



#9 Phenanthrene (C19.36)

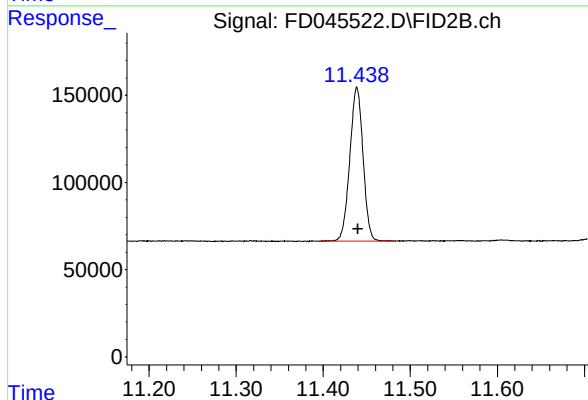
R.T.: 10.667 min
Delta R.T.: -0.002 min
Response: 756767
Conc: 5.08 ug/ml

Instrument :
FID_D
ClientSampleId :



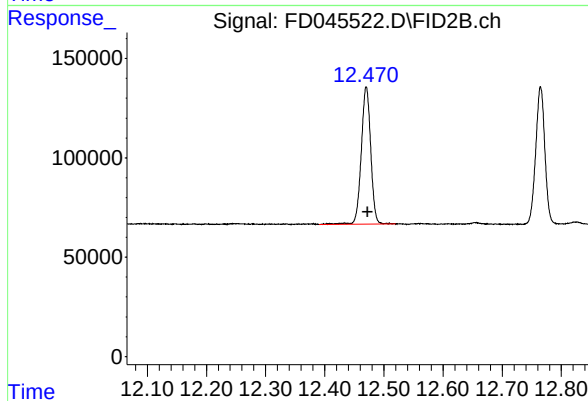
#10 Anthracene (C19.43)

R.T.: 10.741 min
Delta R.T.: -0.002 min
Response: 690334
Conc: 5.36 ug/ml



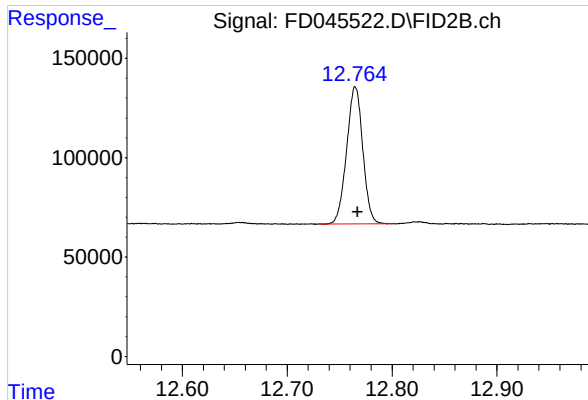
#11 ortho-Terphenyl (SURR)

R.T.: 11.439 min
Delta R.T.: -0.002 min
Response: 931387
Conc: 5.21 ug/ml



#12 Fluoranthene (C21.85)

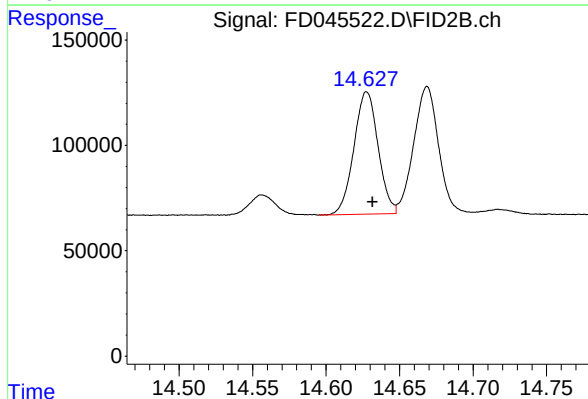
R.T.: 12.470 min
Delta R.T.: -0.003 min
Response: 766327
Conc: 5.21 ug/ml



#13 Pyrene (C20.8)

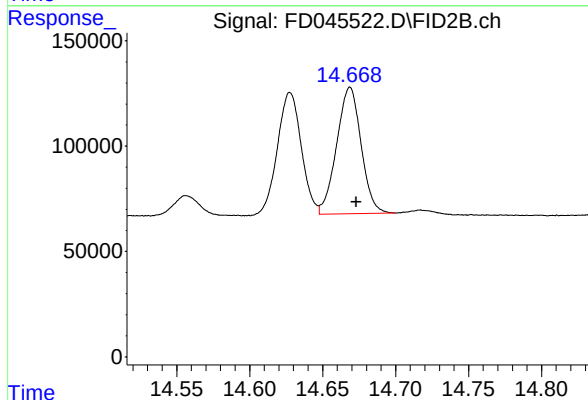
R.T.: 12.765 min
Delta R.T.: -0.002 min
Response: 738117
Conc: 5.15 ug/ml

Instrument :
FID_D
ClientSampleId :



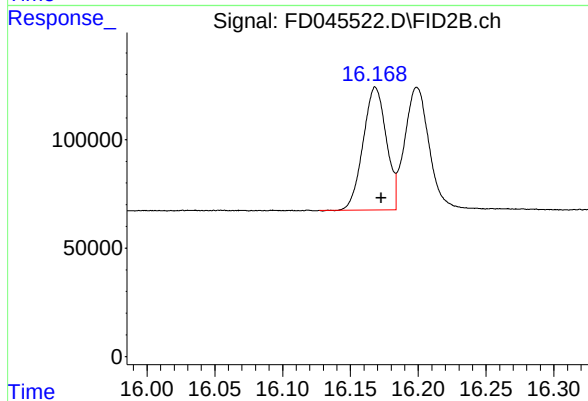
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.628 min
Delta R.T.: -0.004 min
Response: 666826
Conc: 5.10 ug/ml



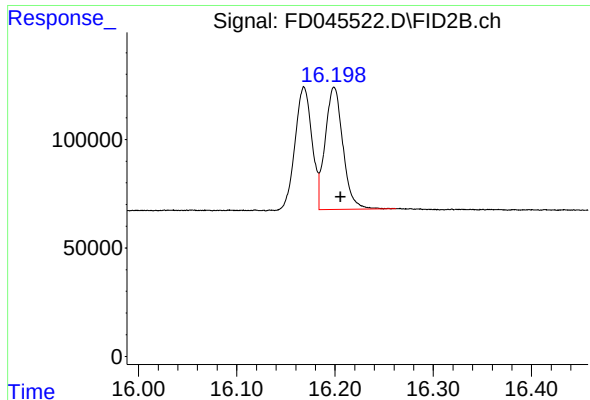
#15 Chrysene (C27.41)

R.T.: 14.669 min
Delta R.T.: -0.004 min
Response: 701209
Conc: 5.15 ug/ml



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

R.T.: 16.168 min
Delta R.T.: -0.004 min
Response: 674629
Conc: 5.06 ug/ml



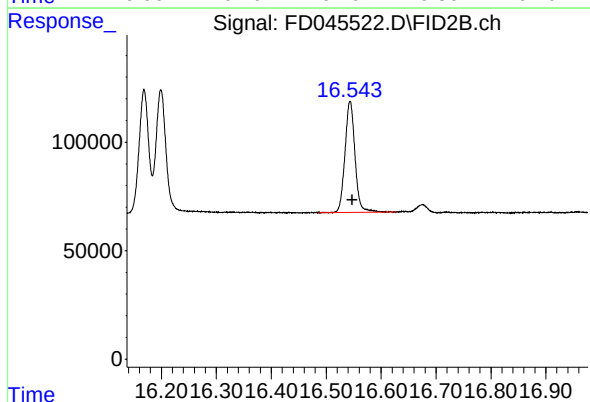
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.199 min
Delta R.T.: -0.006 min
Response: 707966
Conc: 5.29 ug/ml

Instrument :

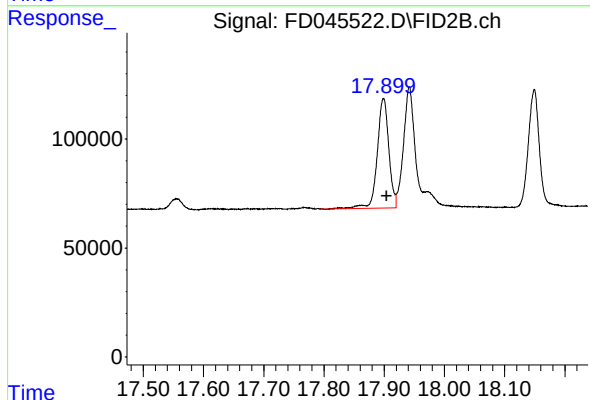
FID_D

ClientSampleId :



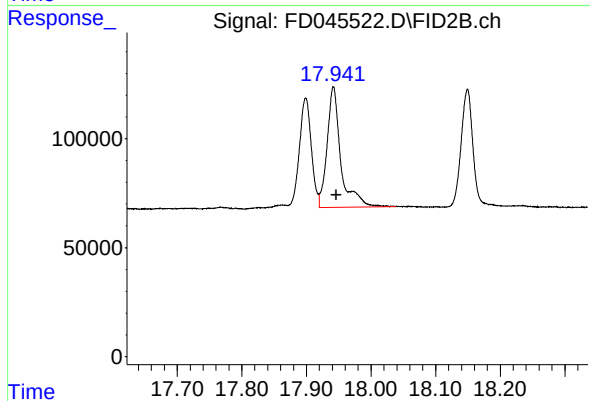
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.544 min
Delta R.T.: -0.004 min
Response: 645816
Conc: 5.07 ug/ml



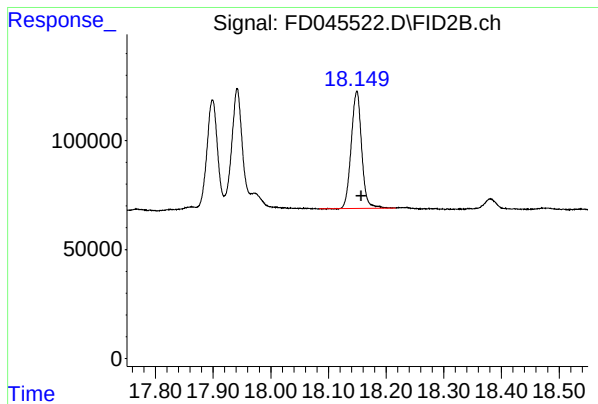
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.899 min
Delta R.T.: -0.005 min
Response: 672640
Conc: 5.44 ug/ml



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

R.T.: 17.942 min
Delta R.T.: -0.005 min
Response: 820100
Conc: 6.13 ug/ml



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

R.T.: 18.149 min

Delta R.T.: -0.008 min

Response: 678053

Conc: 5.22 ug/ml

Instrument :

FID_D

ClientSampleId :