

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100325AR\
 Data File : FD049817.D
 Signal(s) : FID2B.ch
 Acq On : 03 Oct 2025 14:08
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Oct 04 04:18:19 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 100225.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 02 17:50:17 2025
 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...	7.699	2387540	20.095 ug/ml
Spiked Amount 50.000		Recovery =	40.19%
6) S 2-Fluorobiphenyl (SURR)	8.563	1714377	20.193 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.39%
11) S ortho-Terphenyl (SURR)	11.609	3012546	20.180 ug/ml
Spiked Amount 50.000		Recovery =	40.36%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.492	2275517	20.023 ug/ml
2) T Naphthalene (C11.7)	6.034	2650799	20.092 ug/ml
3) T 2-Methylnaphthalene (...)	7.088	2771358	20.030 ug/ml
5) T Acenaphthylene (C15.06)	8.366	2916671	19.963 ug/ml
7) T Acenaphthene (C15.5)	8.663	2927453	20.105 ug/ml
8) T Flouorene (C16.55)	9.444	2952881	20.220 ug/ml
9) T Phenanthrene (C19.36)	10.841	2964366	20.279 ug/ml
10) T Anthracene (C19.43)	10.916	2577328	18.966 ug/ml
12) T Fluoranthene (C21.85)	12.655	2896039	20.328 ug/ml
13) T Pyrene (C20.8)	12.953	2859784	20.343 ug/ml
14) T Benzo[a]anthracene (C...	14.824	2526527	20.089 ug/ml
15) T Chrysene (C27.41)	14.867	2602545	20.258 ug/ml
16) T benzo[b]fluoranthene ...	16.375	2522708	20.252 ug/ml
17) T Bnezo[k]fluoranthene ...	16.407	2380955	20.269 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.753	2423492	19.970 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.117	2275540	20.238 ug/ml
20) T Dibenz[a,h]anthracene...	18.158	2740591	22.416 ug/ml
21) T Benzo[g,h,i]perylene ...	18.373	2407507	20.129 ug/ml

(f)=RT Delta > 1/2 Window

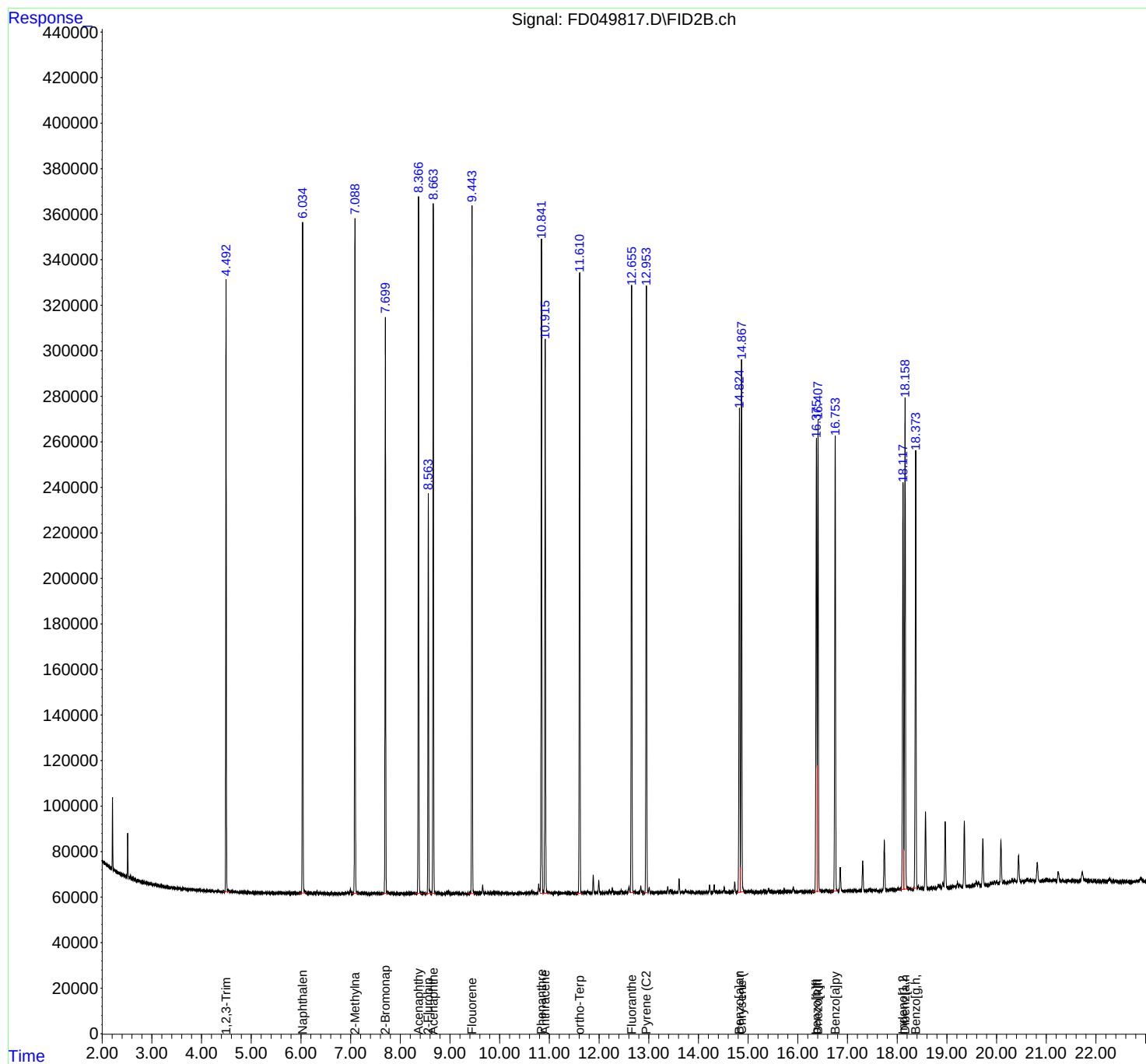
(m)=manual int.

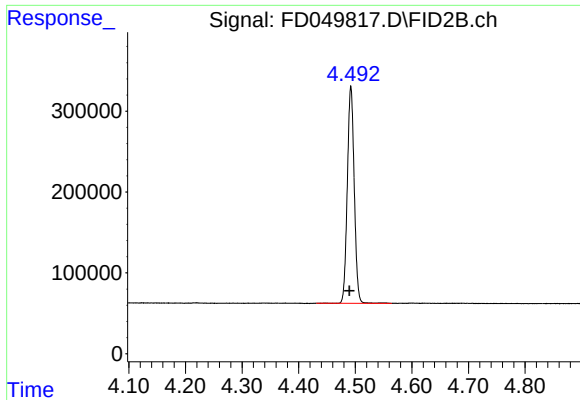
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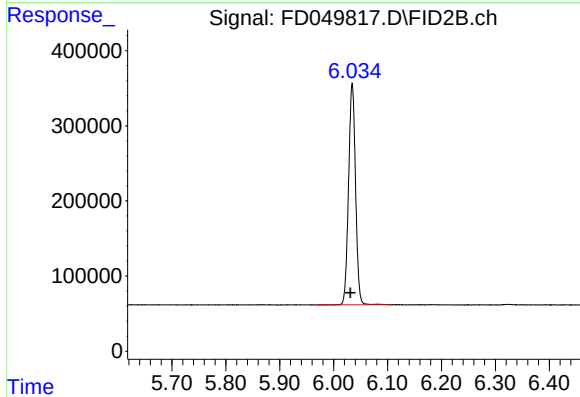




#1 1,2,3-Trimethylbenzene (C10.1)

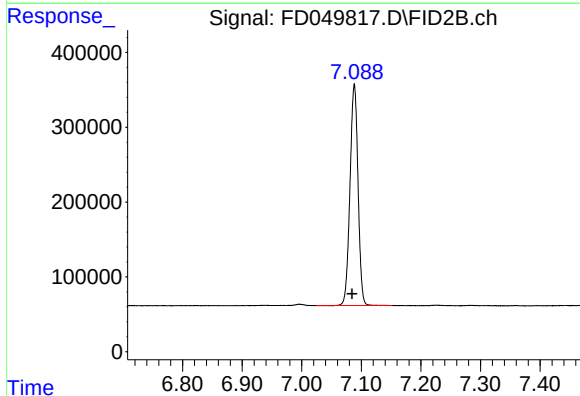
R.T.: 4.492 min
Delta R.T.: 0.002 min
Response: 2275517
Conc: 20.02 ug/ml

Instrument :
FID_E
ClientSampleId :



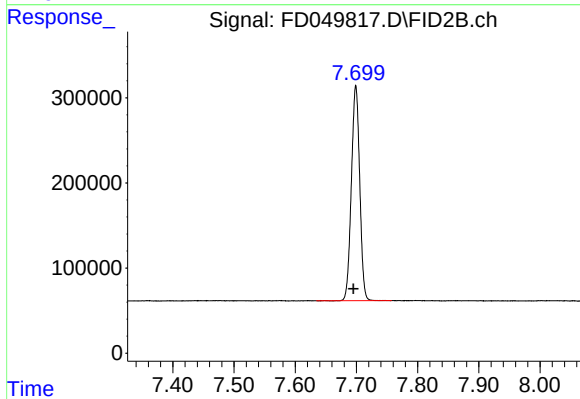
#2 Naphthalene (C11.7)

R.T.: 6.034 min
Delta R.T.: 0.003 min
Response: 2650799
Conc: 20.09 ug/ml



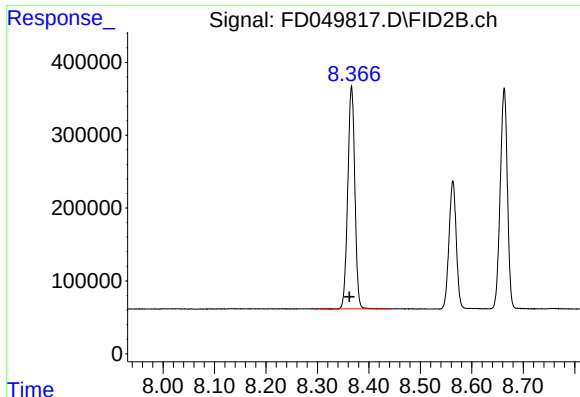
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.088 min
Delta R.T.: 0.004 min
Response: 2771358
Conc: 20.03 ug/ml



#4 2-Bromonaphthalene (SURR)

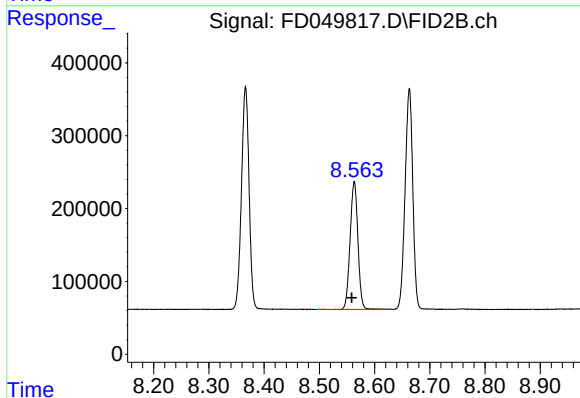
R.T.: 7.699 min
Delta R.T.: 0.004 min
Response: 2387540
Conc: 20.09 ug/ml



#5 Acenaphthylene (C15.06)

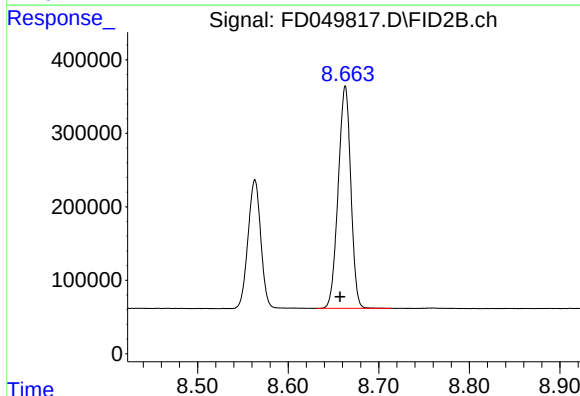
R.T.: 8.366 min
Delta R.T.: 0.005 min
Response: 2916671
Conc: 19.96 ug/ml

Instrument :
FID_E
ClientSampleId :



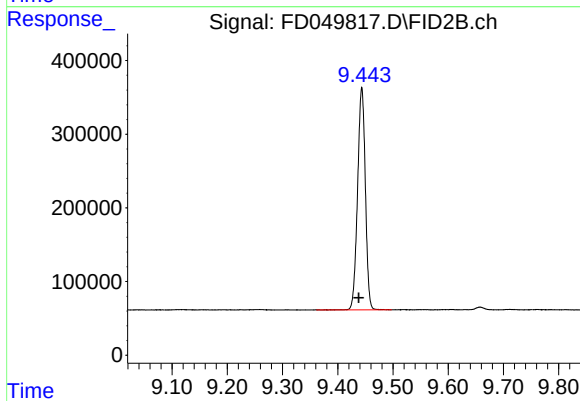
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.563 min
Delta R.T.: 0.005 min
Response: 1714377
Conc: 20.19 ug/ml



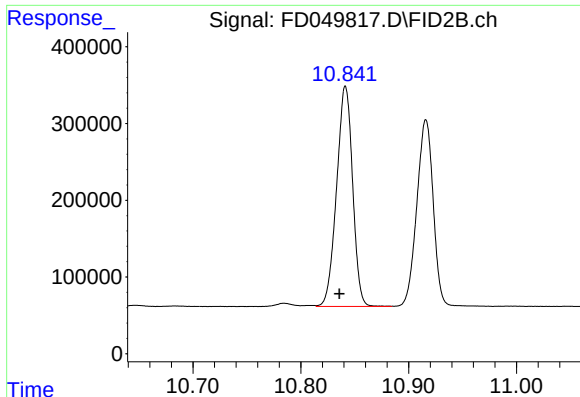
#7 Acenaphthene (C15.5)

R.T.: 8.663 min
Delta R.T.: 0.006 min
Response: 2927453
Conc: 20.10 ug/ml



#8 Fluorene (C16.55)

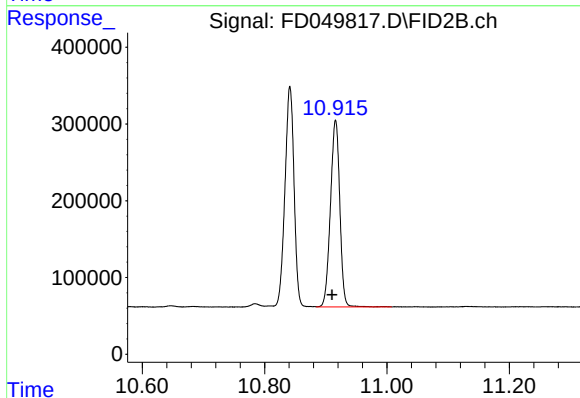
R.T.: 9.444 min
Delta R.T.: 0.005 min
Response: 2952881
Conc: 20.22 ug/ml



#9 Phenanthrene (C19.36)

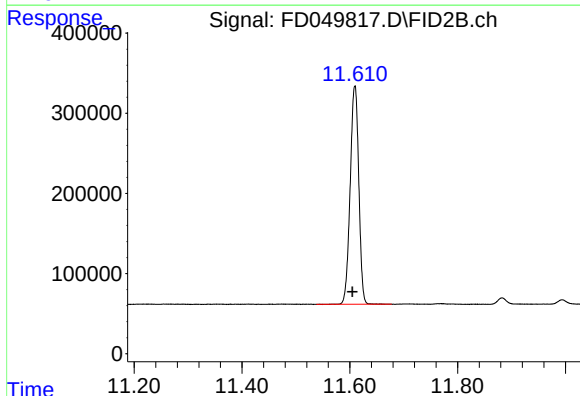
R.T.: 10.841 min
Delta R.T.: 0.006 min
Response: 2964366
Conc: 20.28 ug/ml

Instrument :
FID_E
ClientSampleId :



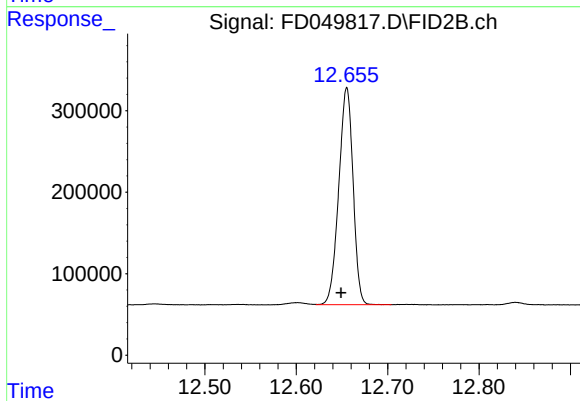
#10 Anthracene (C19.43)

R.T.: 10.916 min
Delta R.T.: 0.006 min
Response: 2577328
Conc: 18.97 ug/ml



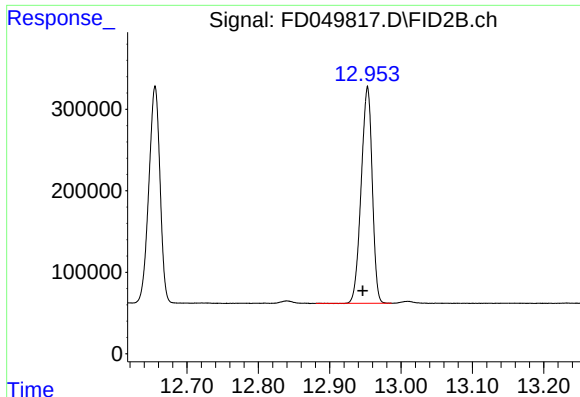
#11 ortho-Terphenyl (SURR)

R.T.: 11.609 min
Delta R.T.: 0.005 min
Response: 3012546
Conc: 20.18 ug/ml



#12 Fluoranthene (C21.85)

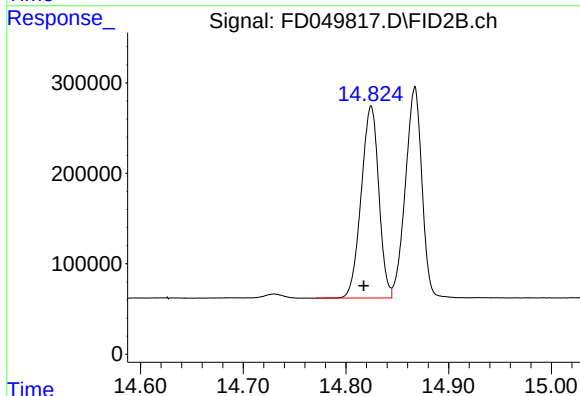
R.T.: 12.655 min
Delta R.T.: 0.006 min
Response: 2896039
Conc: 20.33 ug/ml



#13 Pyrene (C20.8)

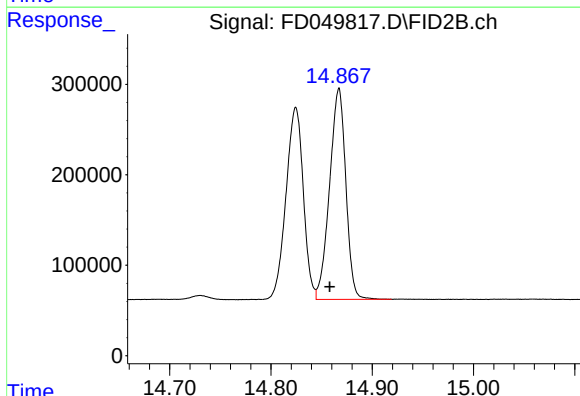
R.T.: 12.953 min
Delta R.T.: 0.006 min
Response: 2859784
Conc: 20.34 ug/ml

Instrument :
FID_E
ClientSampleId :



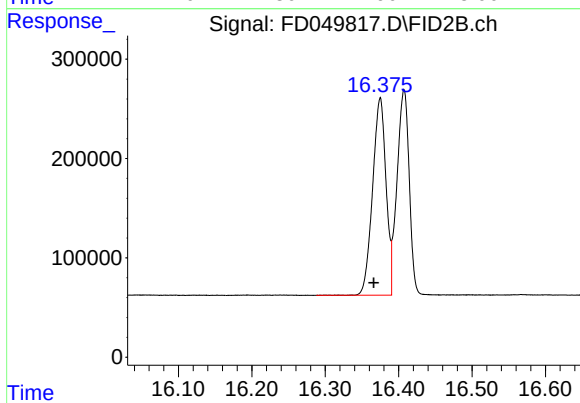
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.824 min
Delta R.T.: 0.007 min
Response: 2526527
Conc: 20.09 ug/ml



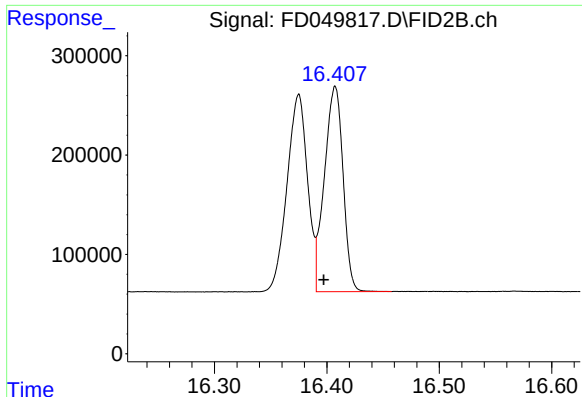
#15 Chrysene (C27.41)

R.T.: 14.867 min
Delta R.T.: 0.009 min
Response: 2602545
Conc: 20.26 ug/ml



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

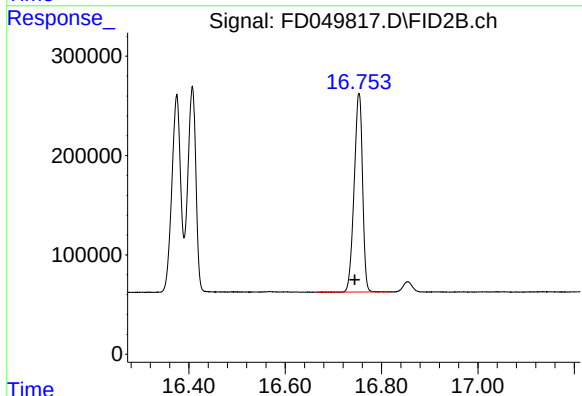
R.T.: 16.375 min
Delta R.T.: 0.008 min
Response: 2522708
Conc: 20.25 ug/ml



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

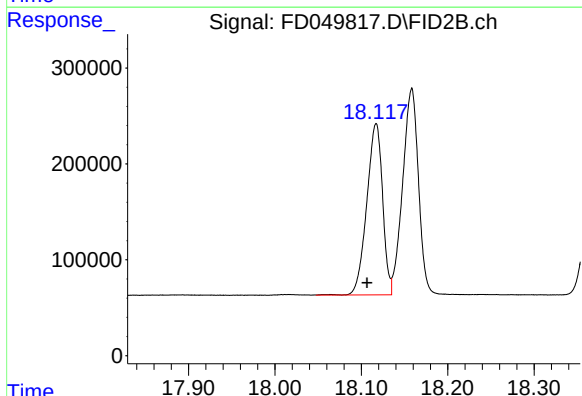
R.T.: 16.407 min
Delta R.T.: 0.010 min
Response: 2380955
Conc: 20.27 ug/ml

Instrument :
FID_E
ClientSampleId :



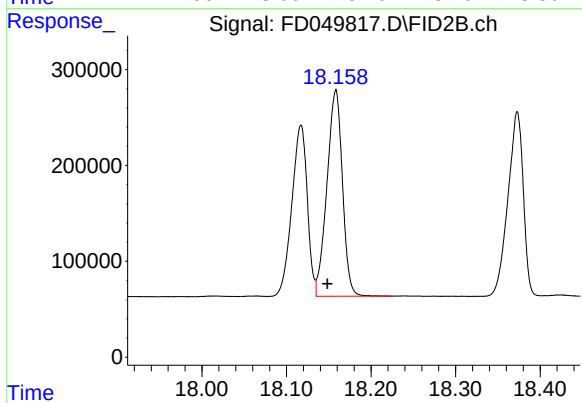
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.753 min
Delta R.T.: 0.009 min
Response: 2423492
Conc: 19.97 ug/ml



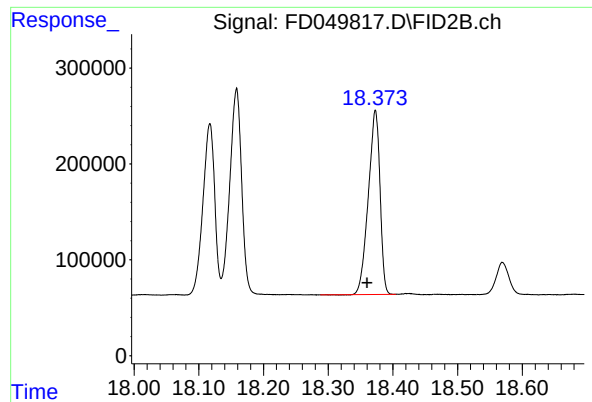
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.117 min
Delta R.T.: 0.010 min
Response: 2275540
Conc: 20.24 ug/ml



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

R.T.: 18.158 min
Delta R.T.: 0.009 min
Response: 2740591
Conc: 22.42 ug/ml



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

R.T.: 18.373 min
Delta R.T.: 0.013 min
Response: 2407507
Conc: 20.13 ug/ml

Instrument :

FID_E

ClientSampleId :