

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD110723AR\
 Data File : FD046845.D
 Signal(s) : FID2B.ch
 Acq On : 07 Nov 2023 21:17
 Operator : YP/AJ
 Sample : 05251-01MSD
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 T-1MSD

Integration File: autoint1.e
 Quant Time: Nov 07 23:29:01 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102723.M
 Quant Title : GC Extractables
 QLast Update : Sat Oct 28 02:49:53 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...	7.485	8016129	43.954 ug/ml
Spiked Amount 50.000		Recovery =	87.91%
6) S 2-Fluorobiphenyl (SURR)	8.338	4434265	37.680 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	75.36%
11) S ortho-Terphenyl (SURR)	11.375	6549637	30.930 ug/ml
Spiked Amount 50.000		Recovery =	61.86%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.297	4626239	23.955 ug/ml
2) T Naphthalene (C11.7)	5.823	5579266	27.862 ug/ml
3) T 2-Methylnaphthalene (...)	6.871	6002188	29.864 ug/ml
5) T Acenaphthylene (C15.06)	8.142	6442771	35.029 ug/ml
7) T Acenaphthene (C15.5)	8.438	6552469	33.450 ug/ml
8) T Fluorene (C16.55)	9.216	6844471	37.004 ug/ml
9) T Phenanthrene (C19.36)	10.605	7234910	40.667 ug/ml
10) T Anthracene (C19.43)	10.680	6799881	39.901 ug/ml
12) T Fluoranthene (C21.85)	12.409	7583555	43.909 ug/ml
13) T Pyrene (C20.8)	12.703	7505473	45.138 ug/ml
14) T Benzo[a]anthracene (C...	14.567	6637990	47.181 ug/ml
15) T Chrysene (C27.41)	14.611	6702793	42.979 ug/ml
16) T benzo[b]fluoranthene ...	16.109	6504419	45.446 ug/ml
17) T Bnezo[k]fluoranthene ...	16.144	6220002	42.485 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.484	5969234	42.586 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.844	6192588	49.020 ug/ml
20) T Dibenz[a,h]anthracene...	17.884	5663160	40.537 ug/ml
21) T Benzo[g,h,i]perylene ...	18.097	5644819	40.428 ug/ml

(f)=RT Delta > 1/2 Window

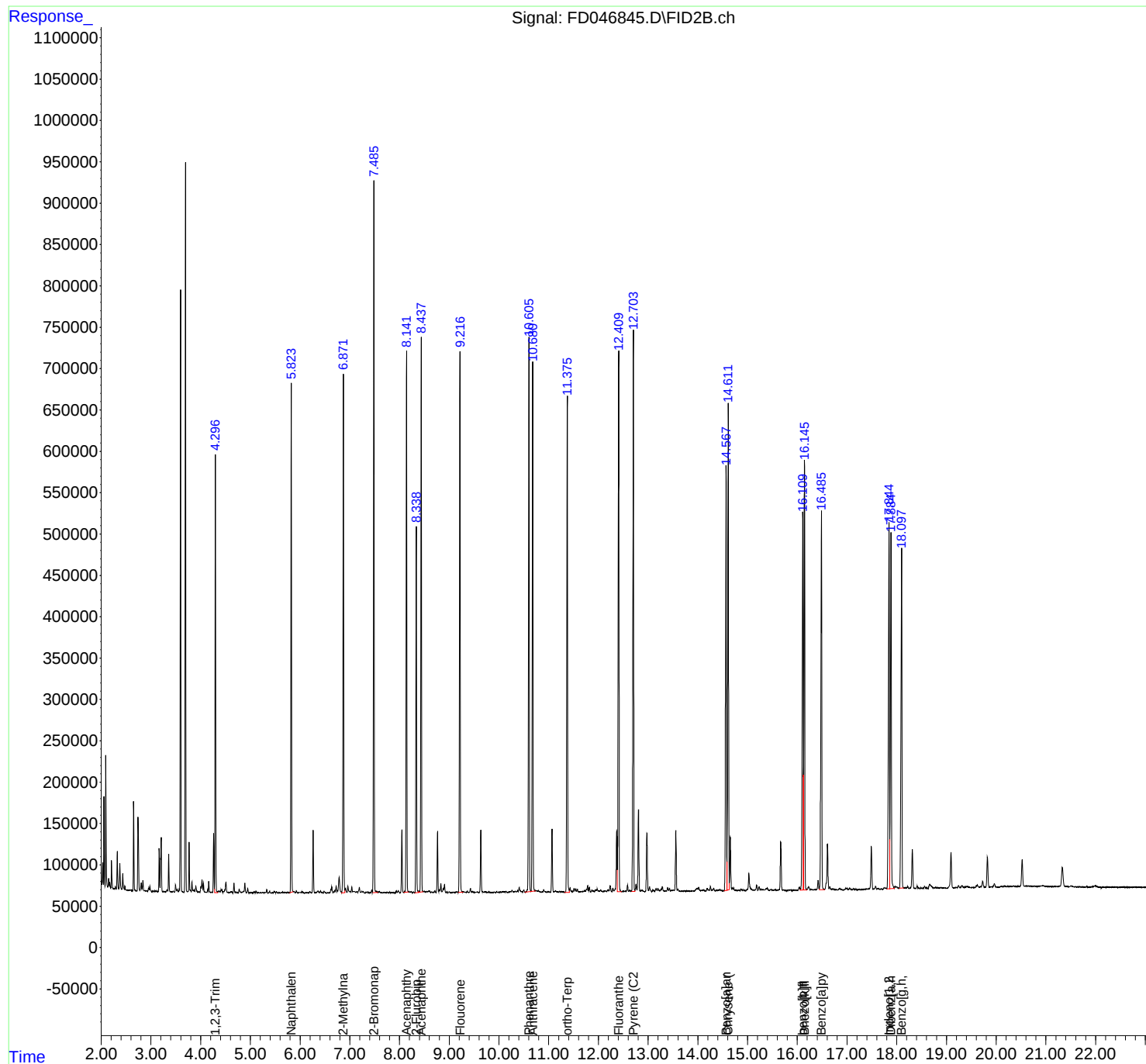
(m)=manual int.

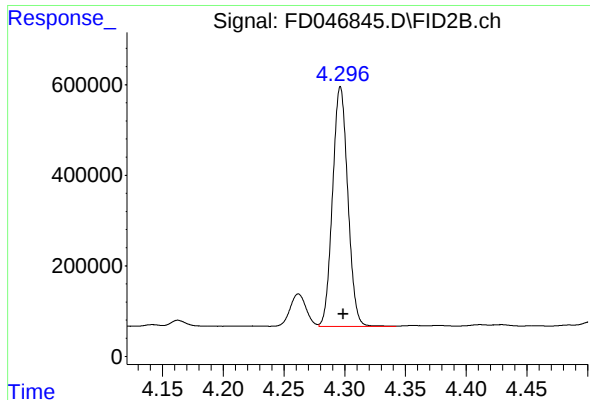
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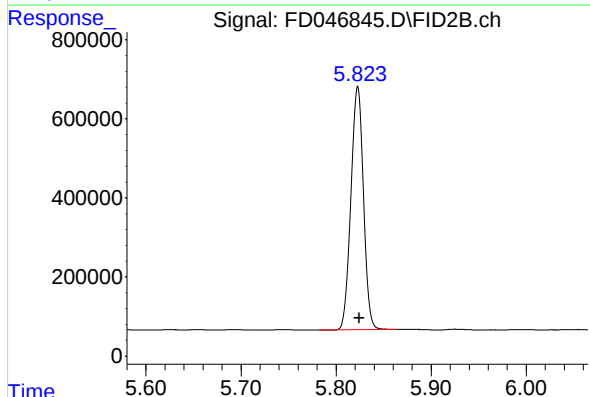




#1 1,2,3-Trimethylbenzene (C10.1)

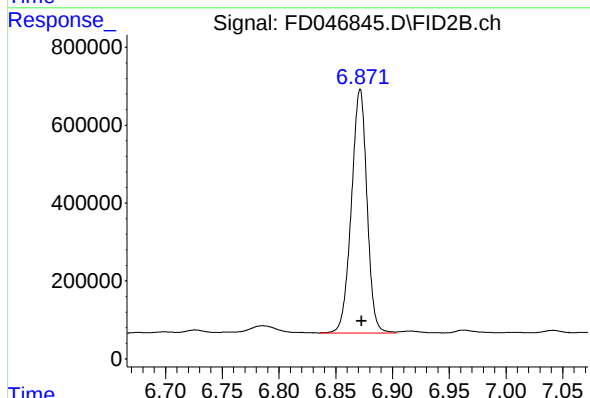
R.T.: 4.297 min
Delta R.T.: -0.002 min
Response: 4626239
Conc: 23.95 ug/ml

Instrument :
FID_D
ClientSampleId :
T-1MSD



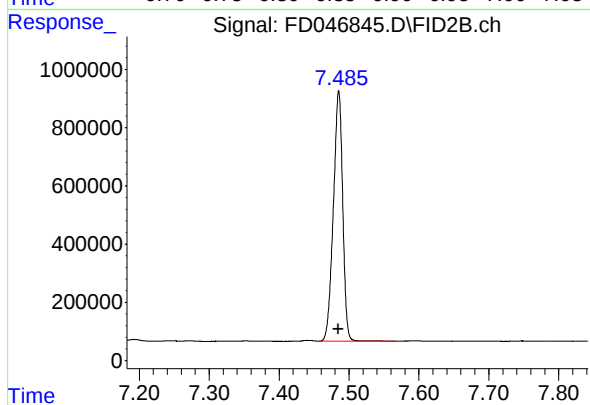
#2 Naphthalene (C11.7)

R.T.: 5.823 min
Delta R.T.: -0.002 min
Response: 5579266
Conc: 27.86 ug/ml



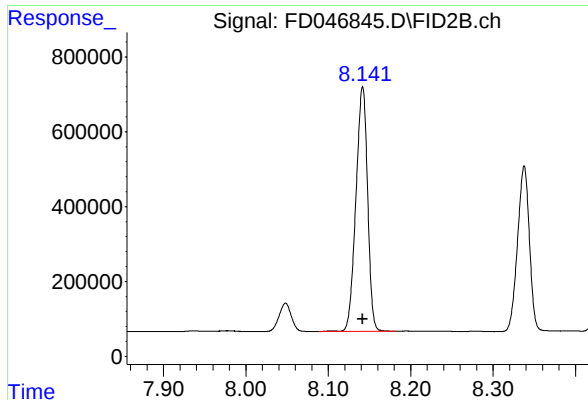
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.871 min
Delta R.T.: -0.001 min
Response: 6002188
Conc: 29.86 ug/ml



#4 2-Bromonaphthalene (SURR)

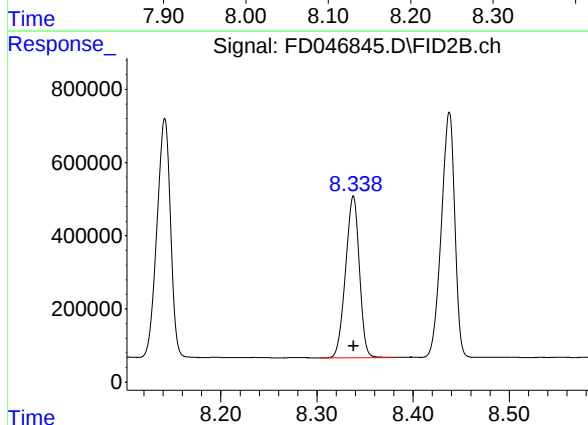
R.T.: 7.485 min
Delta R.T.: 0.000 min
Response: 8016129
Conc: 43.95 ug/ml



#5 Acenaphthylene (C15.06)

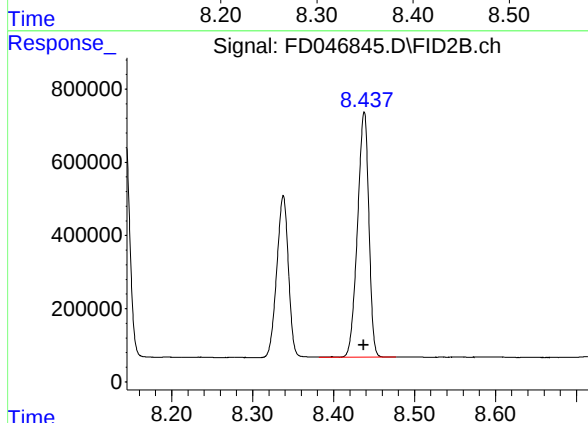
R.T.: 8.142 min
Delta R.T.: 0.000 min
Response: 6442771
Conc: 35.03 ug/ml

Instrument :
FID_D
ClientSampleId :
T-1MSD



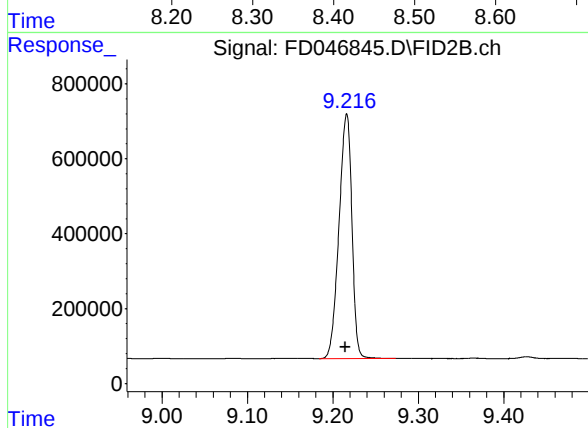
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.338 min
Delta R.T.: 0.000 min
Response: 4434265
Conc: 37.68 ug/ml



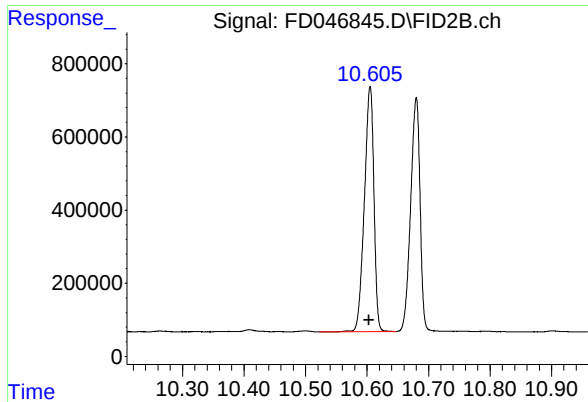
#7 Acenaphthene (C15.5)

R.T.: 8.438 min
Delta R.T.: 0.000 min
Response: 6552469
Conc: 33.45 ug/ml



#8 Flouorene (C16.55)

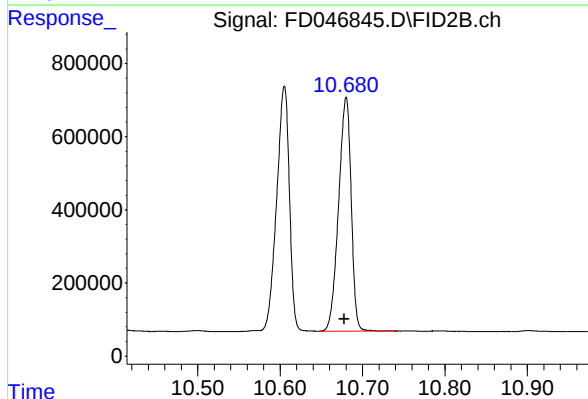
R.T.: 9.216 min
Delta R.T.: 0.001 min
Response: 6844471
Conc: 37.00 ug/ml



#9 Phenanthrene (C19.36)

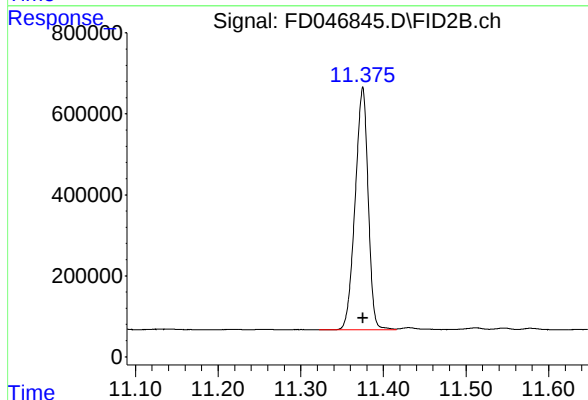
R.T.: 10.605 min
Delta R.T.: 0.001 min
Response: 7234910
Conc: 40.67 ug/ml

Instrument :
FID_D
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T-1MSD



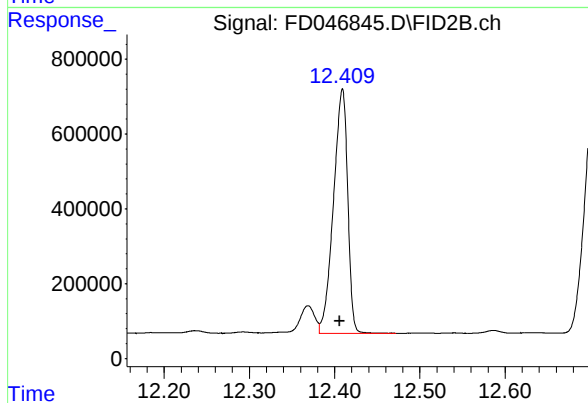
#10 Anthracene (C19.43)

R.T.: 10.680 min
Delta R.T.: 0.002 min
Response: 6799881
Conc: 39.90 ug/ml



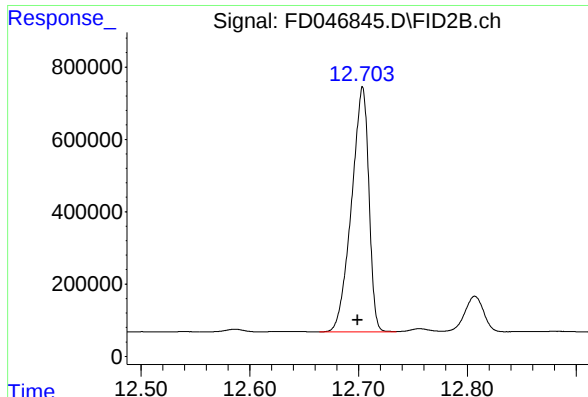
#11 ortho-Terphenyl (SURRE)

R.T.: 11.375 min
Delta R.T.: 0.000 min
Response: 6549637
Conc: 30.93 ug/ml



#12 Fluoranthene (C21.85)

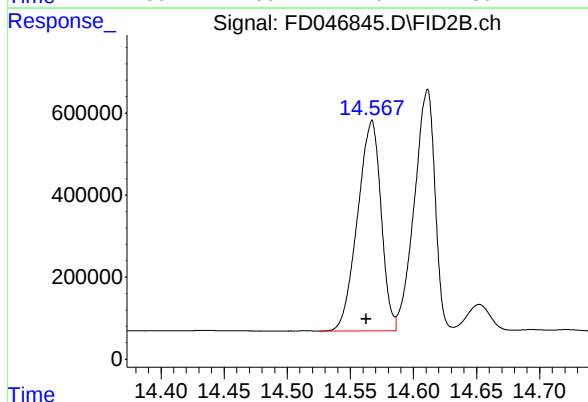
R.T.: 12.409 min
Delta R.T.: 0.003 min
Response: 7583555
Conc: 43.91 ug/ml



#13 Pyrene (C20.8)

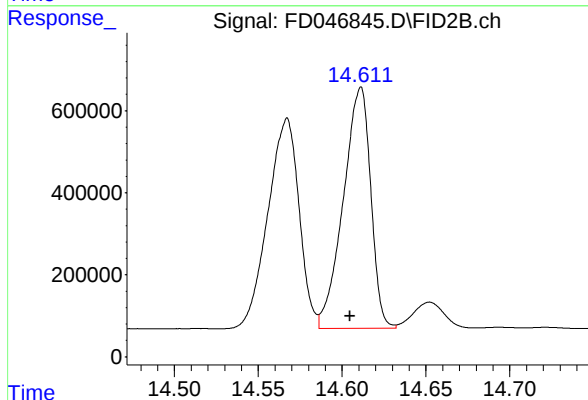
R.T.: 12.703 min
Delta R.T.: 0.004 min
Response: 7505473
Conc: 45.14 ug/ml

Instrument :
FID_D
ClientSampleId :
T-1MSD



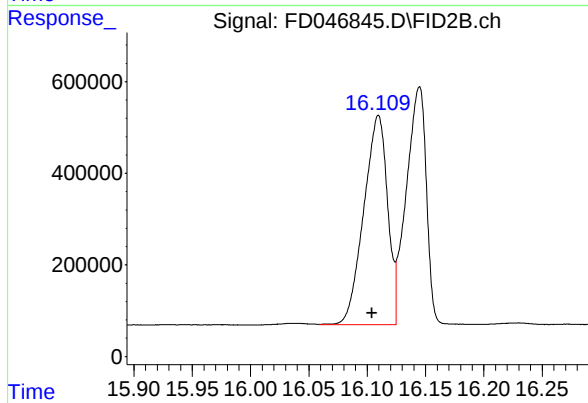
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.567 min
Delta R.T.: 0.004 min
Response: 6637990
Conc: 47.18 ug/ml



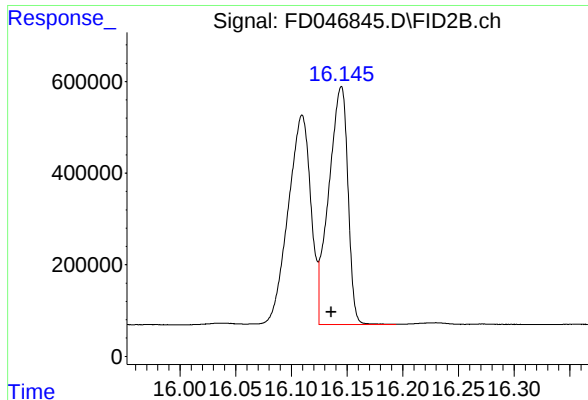
#15 Chrysene (C27.41)

R.T.: 14.611 min
Delta R.T.: 0.006 min
Response: 6702793
Conc: 42.98 ug/ml



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

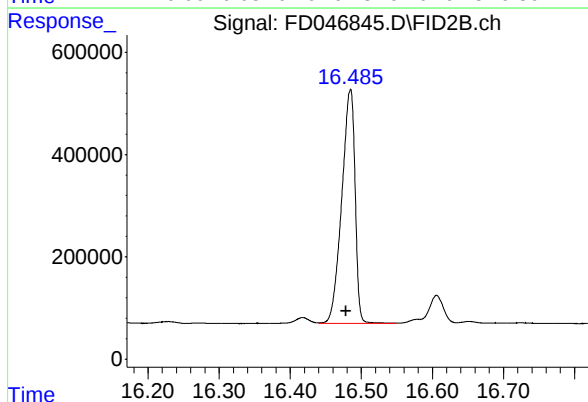
R.T.: 16.109 min
Delta R.T.: 0.005 min
Response: 6504419
Conc: 45.45 ug/ml



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

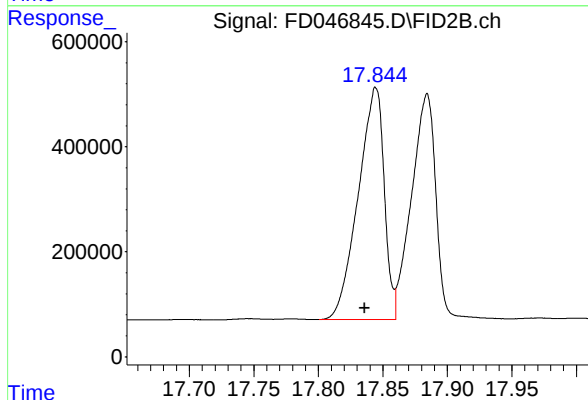
R.T.: 16.144 min
Delta R.T.: 0.008 min
Response: 6220002
Conc: 42.49 ug/ml

Instrument :
FID_D
ClientSampleId :
T-1MSD



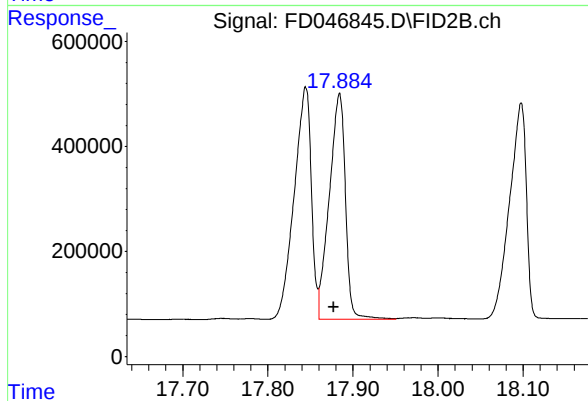
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.484 min
Delta R.T.: 0.006 min
Response: 5969234
Conc: 42.59 ug/ml



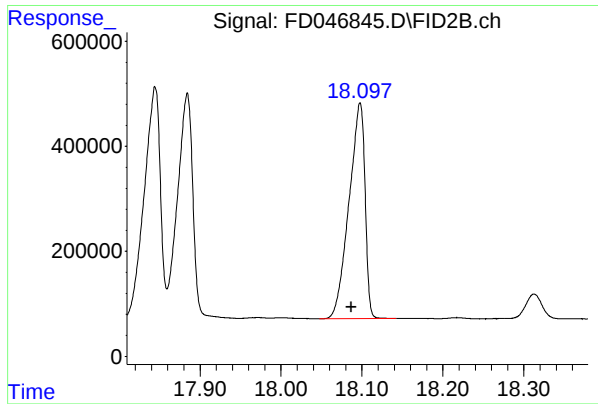
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.844 min
Delta R.T.: 0.008 min
Response: 6192588
Conc: 49.02 ug/ml



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

R.T.: 17.884 min
Delta R.T.: 0.007 min
Response: 5663160
Conc: 40.54 ug/ml



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

R.T.: 18.097 min

Delta R.T.: 0.010 min

Response: 5644819

Conc: 40.43 ug/ml

Instrument :

FID_D

ClientSampleId :

T-1MSD