

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071823AR\
 Data File : FD046125.D
 Signal(s) : FID2B.ch
 Acq On : 18 Jul 2023 17:10
 Operator : YP/AJ
 Sample : PB154264BS
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB154264BS

Integration File: autoint1.e
 Quant Time: Jul 19 04:56:40 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 062423.M
 Quant Title : GC Extractables
 QLast Update : Sun Jun 25 04:38:13 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...	7.510	8308054	38.553 ug/ml
Spiked Amount 50.000		Recovery =	77.11%
6) S 2-Fluorobiphenyl (SURR)	8.364	3832269	27.689 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	55.38%
11) S ortho-Terphenyl (SURR)	11.406	10875322	42.897 ug/ml
Spiked Amount 50.000		Recovery =	85.79%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.320	6603207	26.508 ug/ml
2) T Naphthalene (C11.7)	5.848	7625419	29.890 ug/ml
3) T 2-Methylnaphthalene (...)	6.898	7856135	31.163 ug/ml
5) T Acenaphthylene (C15.06)	8.170	8756131	40.314 ug/ml
7) T Acenaphthene (C15.5)	8.466	8921759	37.849 ug/ml
8) T Fluorene (C16.55)	9.244	8682492	38.374 ug/ml
9) T Phenanthrene (C19.36)	10.634	8364191	39.199 ug/ml
10) T Anthracene (C19.43)	10.709	7891890	49.668 ug/ml
12) T Fluoranthene (C21.85)	12.439	8122636	39.690 ug/ml
13) T Pyrene (C20.8)	12.733	8128576	41.806 ug/ml
14) T Benzo[a]anthracene (C...	14.598	7740003	43.037 ug/ml
15) T Chrysene (C27.41)	14.642	7672766	39.092 ug/ml
16) T benzo[b]fluoranthene ...	16.141	8047797	42.909 ug/ml
17) T Bnezo[k]fluoranthene ...	16.178	7663194	38.741 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.517	7039456	40.403 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.875	6726634	36.144 ug/ml
20) T Dibenz[a,h]anthracene...	17.916	6687613	36.375 ug/ml
21) T Benzo[g,h,i]perylene ...	18.132	7136543	38.194 ug/ml

(f)=RT Delta > 1/2 Window

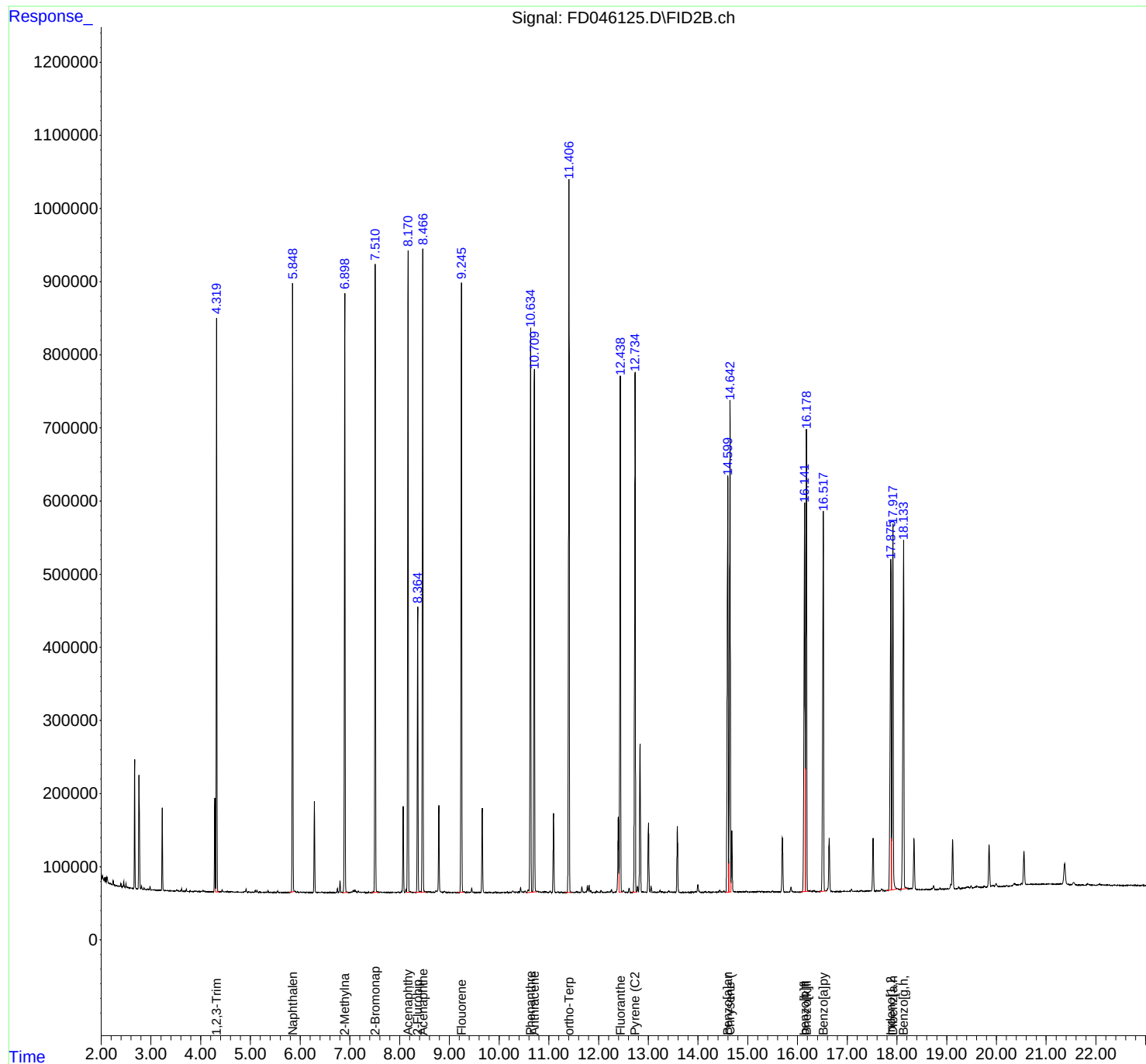
(m)=manual int.

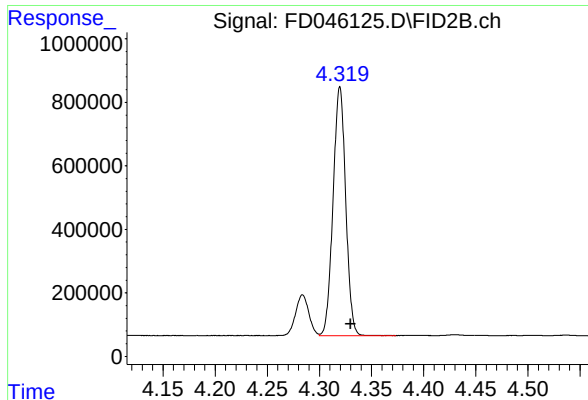
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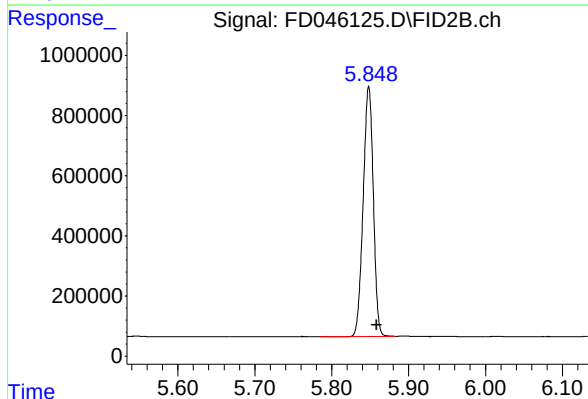




#1 1,2,3-Trimethylbenzene (C10.1)

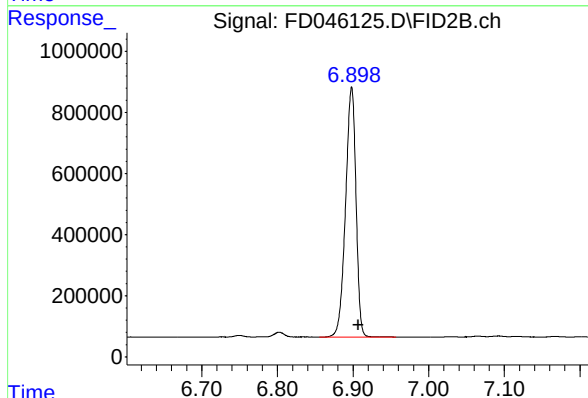
R.T.: 4.320 min
Delta R.T.: -0.010 min
Response: 6603207
Conc: 26.51 ug/ml

Instrument :
FID_D
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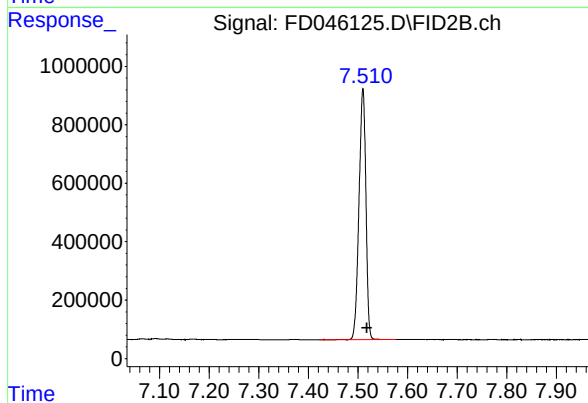
#2 Naphthalene (C11.7)

R.T.: 5.848 min
Delta R.T.: -0.010 min
Response: 7625419
Conc: 29.89 ug/ml



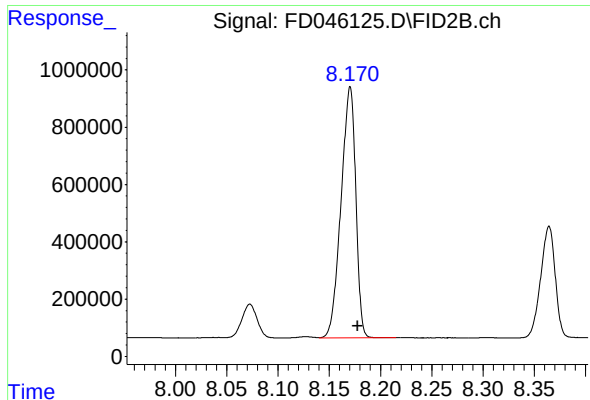
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.898 min
Delta R.T.: -0.009 min
Response: 7856135
Conc: 31.16 ug/ml



#4 2-Bromonaphthalene (SURR)

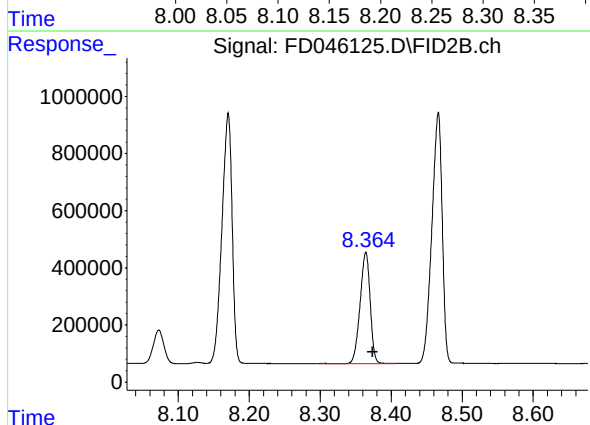
R.T.: 7.510 min
Delta R.T.: -0.008 min
Response: 8308054
Conc: 38.55 ug/ml



#5 Acenaphthylene (C15.06)

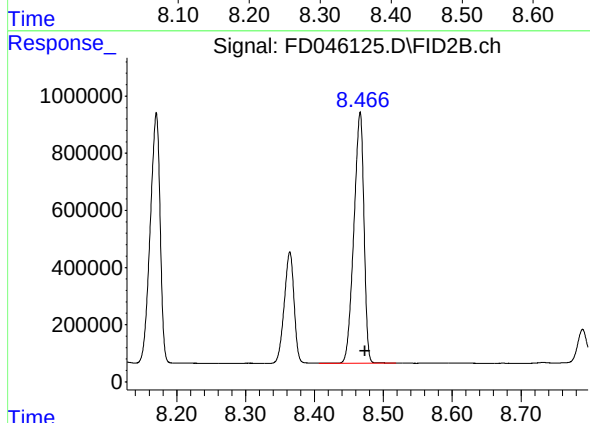
R.T.: 8.170 min
Delta R.T.: -0.008 min
Response: 8756131
Conc: 40.31 ug/ml

Instrument :
FID_D
ClientSampleId :
PB154264BS



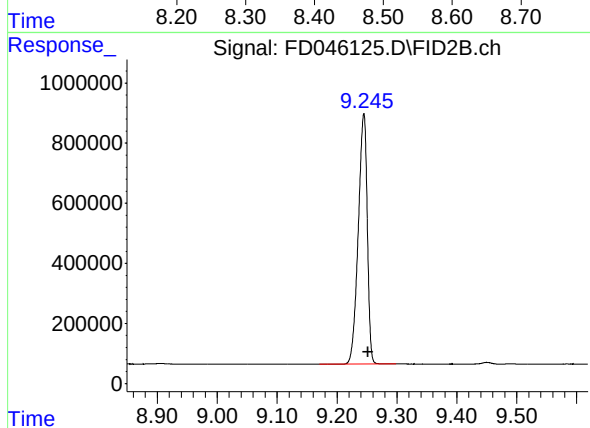
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.364 min
Delta R.T.: -0.009 min
Response: 3832269
Conc: 27.69 ug/ml



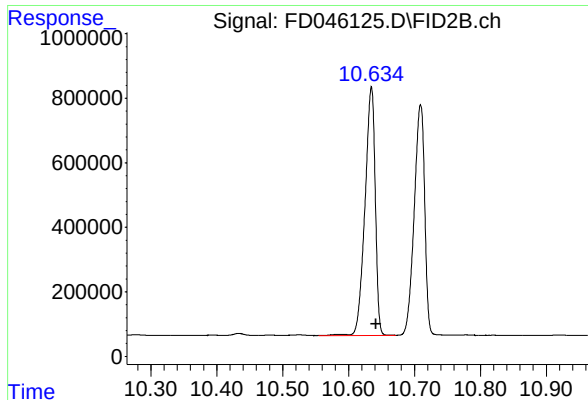
#7 Acenaphthene (C15.5)

R.T.: 8.466 min
Delta R.T.: -0.007 min
Response: 8921759
Conc: 37.85 ug/ml



#8 Flouorene (C16.55)

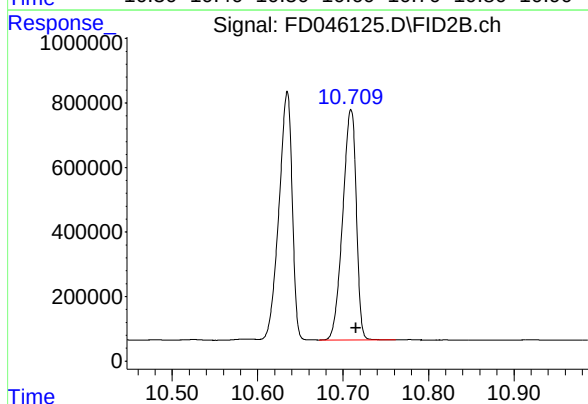
R.T.: 9.244 min
Delta R.T.: -0.007 min
Response: 8682492
Conc: 38.37 ug/ml



#9 Phenanthrene (C19.36)

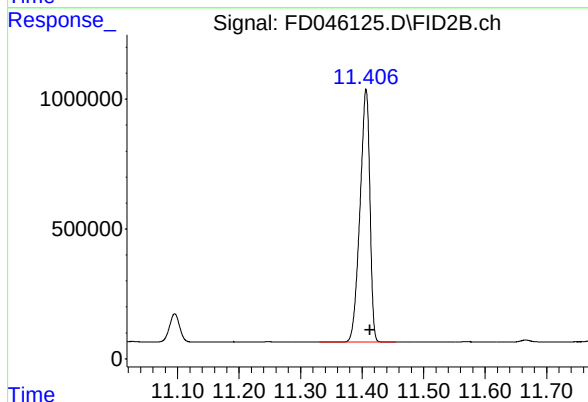
R.T.: 10.634 min
Delta R.T.: -0.007 min
Response: 8364191
Conc: 39.20 ug/ml

Instrument :
FID_D
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PB154264BS



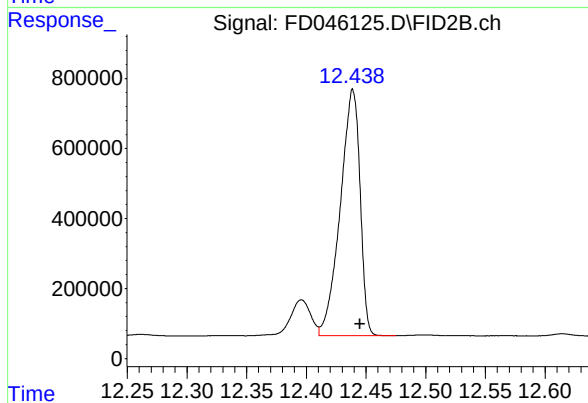
#10 Anthracene (C19.43)

R.T.: 10.709 min
Delta R.T.: -0.006 min
Response: 7891890
Conc: 49.67 ug/ml



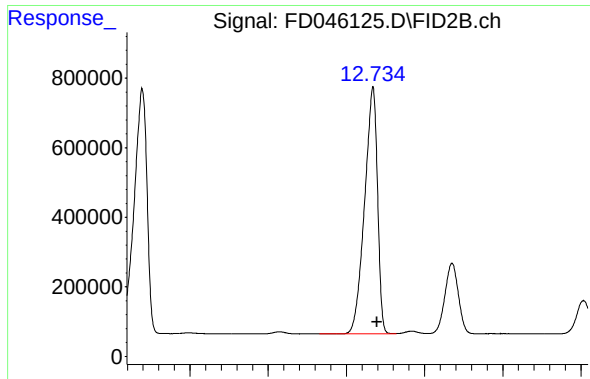
#11 ortho-Terphenyl (SURRE)

R.T.: 11.406 min
Delta R.T.: -0.007 min
Response: 10875322
Conc: 42.90 ug/ml



#12 Fluoranthene (C21.85)

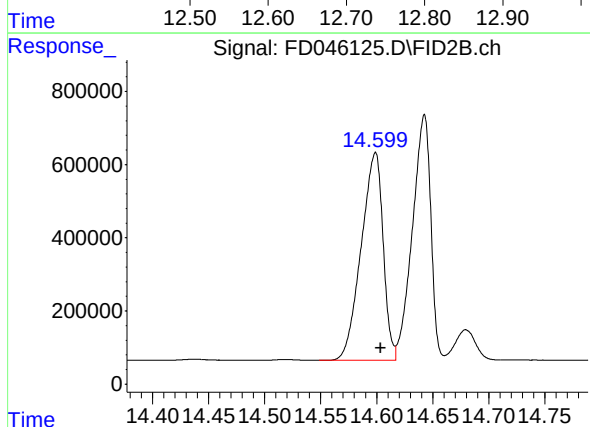
R.T.: 12.439 min
Delta R.T.: -0.006 min
Response: 8122636
Conc: 39.69 ug/ml



#13 Pyrene (C20.8)

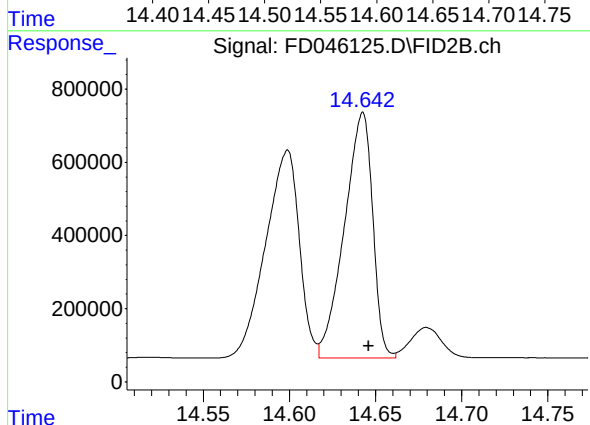
R.T.: 12.733 min
Delta R.T.: -0.006 min
Response: 8128576
Conc: 41.81 ug/ml

Instrument :
FID_D
ClientSampleId :
PB154264BS



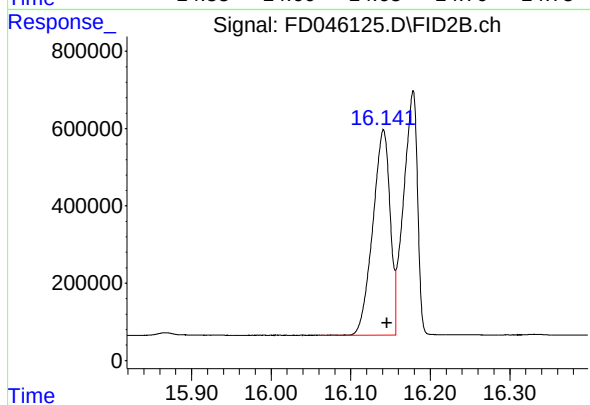
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.598 min
Delta R.T.: -0.005 min
Response: 7740003
Conc: 43.04 ug/ml



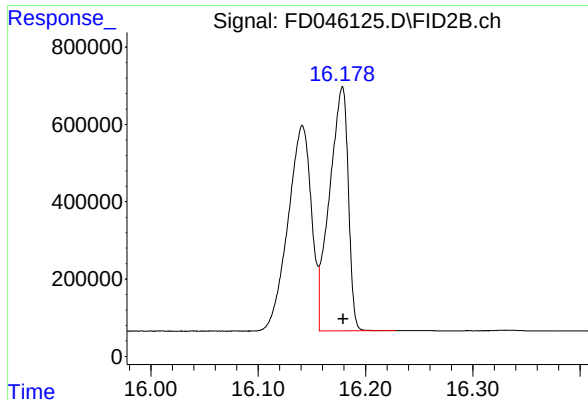
#15 Chrysene (C27.41)

R.T.: 14.642 min
Delta R.T.: -0.004 min
Response: 7672766
Conc: 39.09 ug/ml



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

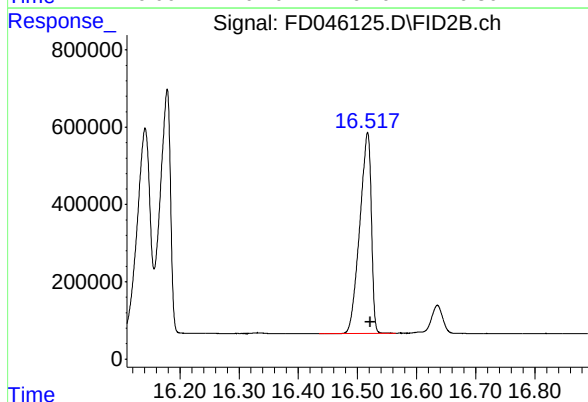
R.T.: 16.141 min
Delta R.T.: -0.005 min
Response: 8047797
Conc: 42.91 ug/ml



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

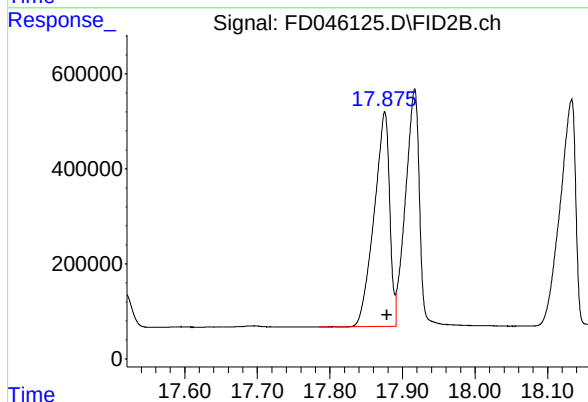
R.T.: 16.178 min
Delta R.T.: -0.002 min
Response: 7663194
Conc: 38.74 ug/ml

Instrument :
FID_D
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PB154264BS



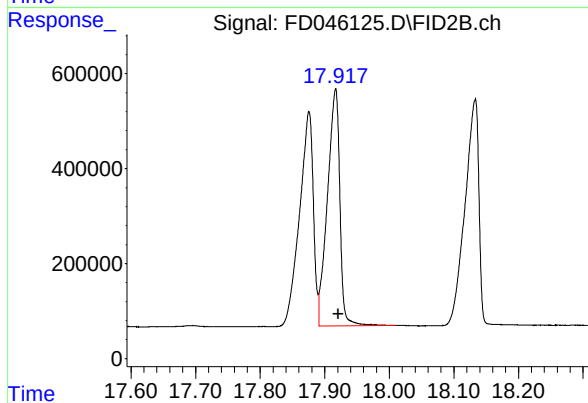
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.517 min
Delta R.T.: -0.005 min
Response: 7039456
Conc: 40.40 ug/ml



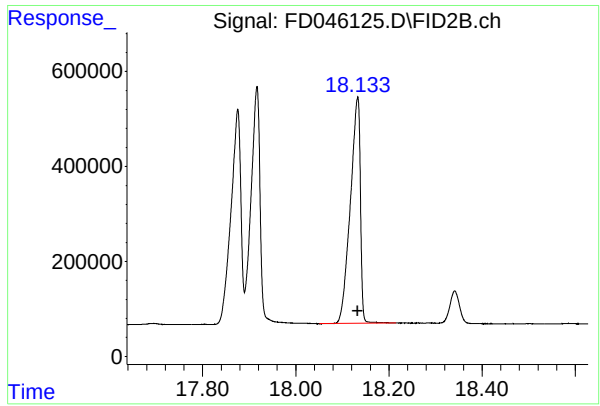
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.875 min
Delta R.T.: -0.004 min
Response: 6726634
Conc: 36.14 ug/ml



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

R.T.: 17.916 min
Delta R.T.: -0.005 min
Response: 6687613
Conc: 36.37 ug/ml



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

R.T.: 18.132 min
Delta R.T.: 0.000 min
Response: 7136543
Conc: 38.19 ug/ml

Instrument :

FID_D

ClientSampleId :

PB154264BS