

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062124AR\
 Data File : FD047961.D
 Signal(s) : FID2B.ch
 Acq On : 21 Jun 2024 17:05
 Operator : YP/AJ
 Sample : PB161620BSD
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 22 04:20:03 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 061724.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 17 13:47:07 2024
 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...	7.418	6640204	45.659 ug/ml
Spiked Amount 50.000		Recovery =	91.32%
6) S 2-Fluorobiphenyl (SURR)	8.269	3614532	37.107 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	74.21%
11) S ortho-Terphenyl (SURR)	11.309	6855129	40.791 ug/ml
Spiked Amount 50.000		Recovery =	81.58%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.235	3956210	24.615 ug/ml
2) T Naphthalene (C11.7)	5.757	5081712	30.009 ug/ml
3) T 2-Methylnaphthalene (...)	6.805	5492878	31.900 ug/ml
5) T Acenaphthylene (C15.06)	8.072	6386457	38.023 ug/ml
7) T Acenaphthene (C15.5)	8.368	5954056	35.128 ug/ml
8) T Flouorene (C16.55)	9.147	6678613	40.222 ug/ml
9) T Phenanthrene (C19.36)	10.536	6805001	41.567 ug/ml
10) T Anthracene (C19.43)	10.612	6789122	41.743 ug/ml
12) T Fluoranthene (C21.85)	12.342	7143878	43.383 ug/ml
13) T Pyrene (C20.8)	12.636	7073117	43.379 ug/ml
14) T Benzo[a]anthracene (C...	14.506	6804147	44.356 ug/ml
15) T Chrysene (C27.41)	14.549	6761140	41.341 ug/ml
16) T benzo[b]fluoranthene ...	16.054	6695475	43.577 ug/ml
17) T Bnezo[k]fluoranthene ...	16.088	6634490	44.294 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.430	6284082	41.238 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.795	6507848	49.493 ug/ml
20) T Dibenz[a,h]anthracene...	17.834	6015303	37.980 ug/ml
21) T Benzo[g,h,i]perylene ...	18.048	5913067	39.334 ug/ml

(f)=RT Delta > 1/2 Window

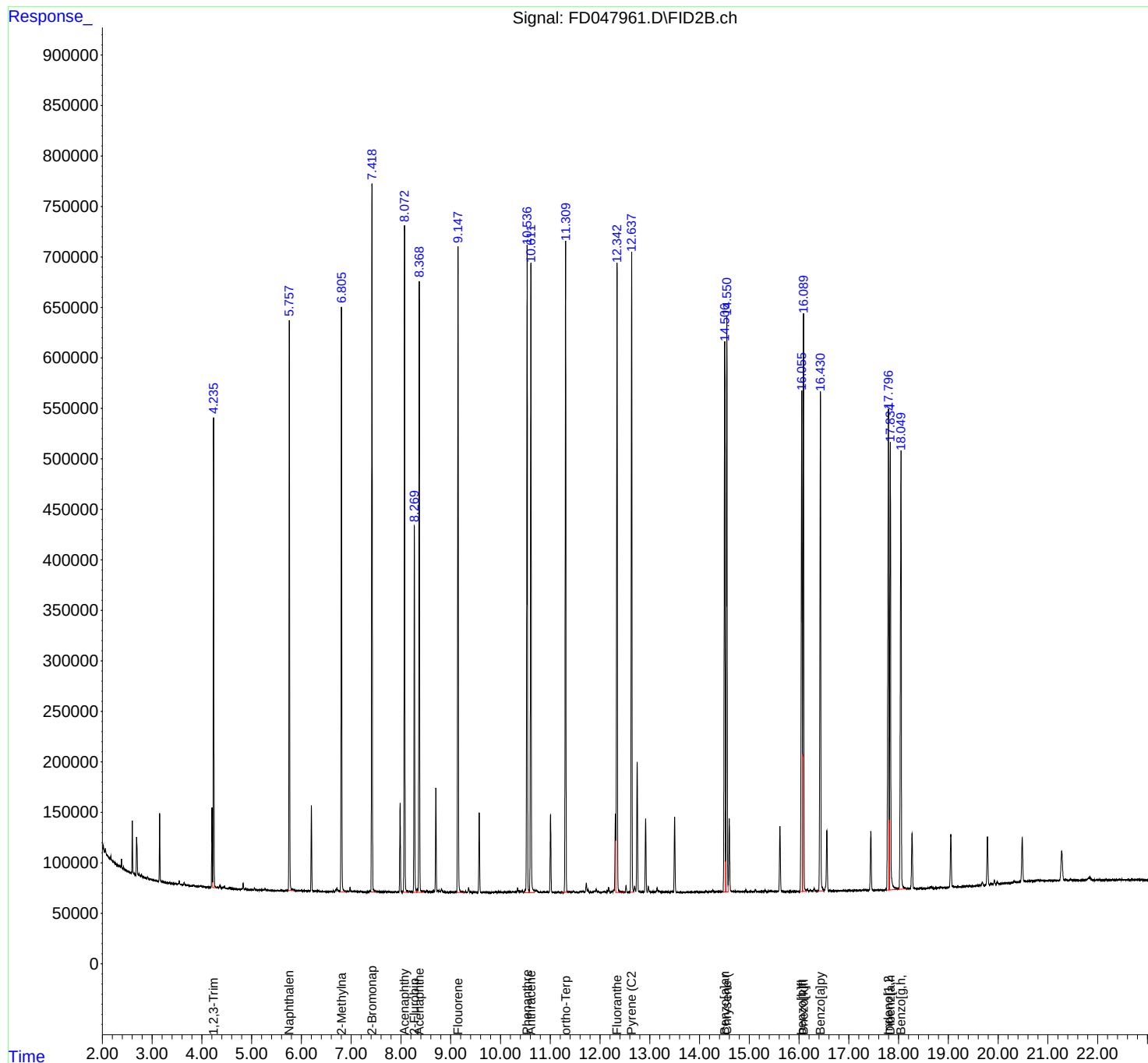
(m)=manual int.

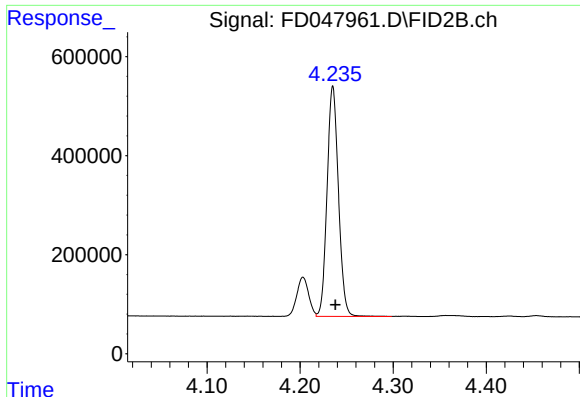
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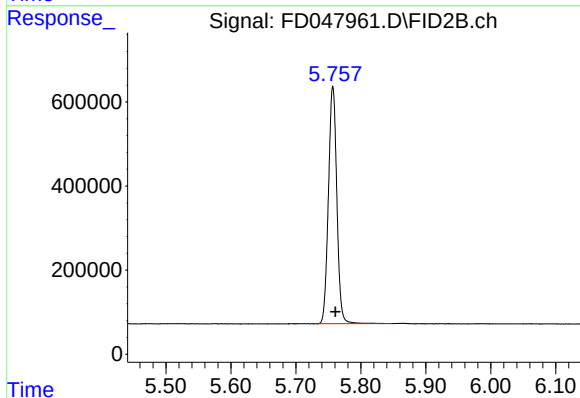




#1 1,2,3-Trimethylbenzene (C10.1)

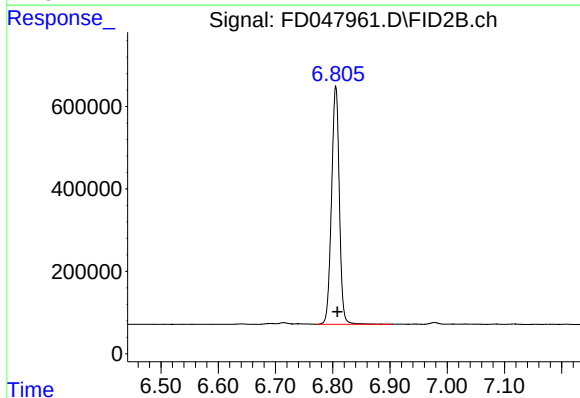
R.T.: 4.235 min
Delta R.T.: -0.003 min
Response: 3956210
Conc: 24.62 ug/ml

Instrument :
FID_D
ClientSampleId :



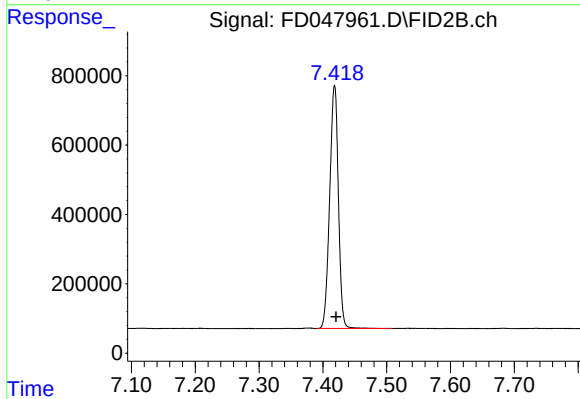
#2 Naphthalene (C11.7)

R.T.: 5.757 min
Delta R.T.: -0.004 min
Response: 5081712
Conc: 30.01 ug/ml



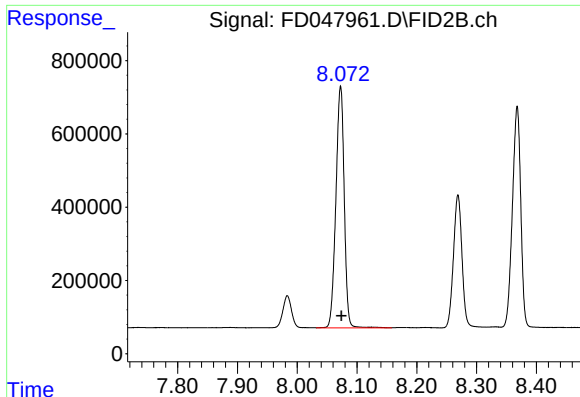
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.805 min
Delta R.T.: -0.003 min
Response: 5492878
Conc: 31.90 ug/ml



#4 2-Bromonaphthalene (SURR)

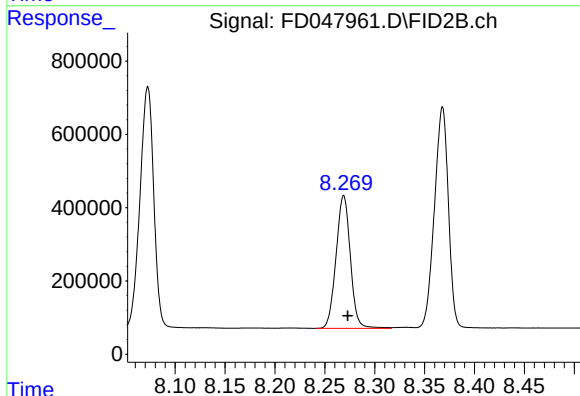
R.T.: 7.418 min
Delta R.T.: -0.003 min
Response: 6640204
Conc: 45.66 ug/ml



#5 Acenaphthylene (C15.06)

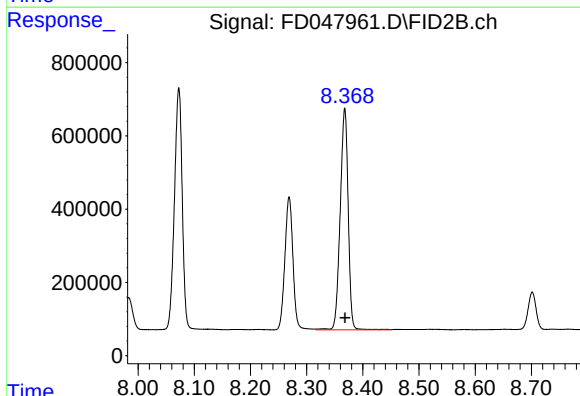
R.T.: 8.072 min
Delta R.T.: -0.001 min
Response: 6386457
Conc: 38.02 ug/ml

Instrument :
FID_D
ClientSampleId :



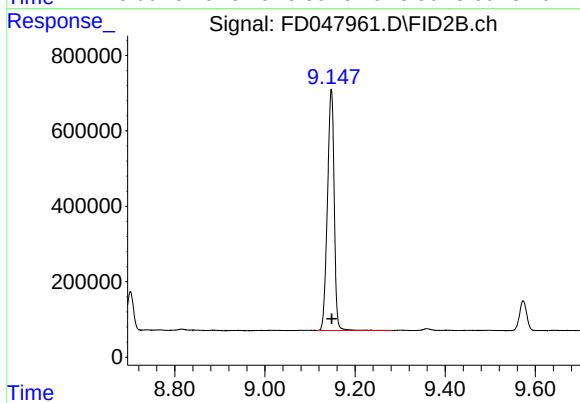
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.269 min
Delta R.T.: -0.004 min
Response: 3614532
Conc: 37.11 ug/ml



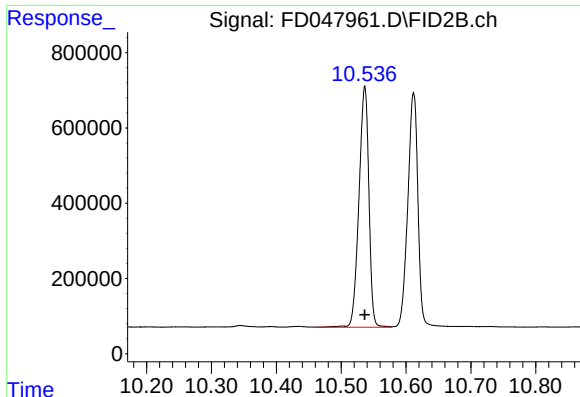
#7 Acenaphthene (C15.5)

R.T.: 8.368 min
Delta R.T.: 0.000 min
Response: 5954056
Conc: 35.13 ug/ml



#8 Fluorene (C16.55)

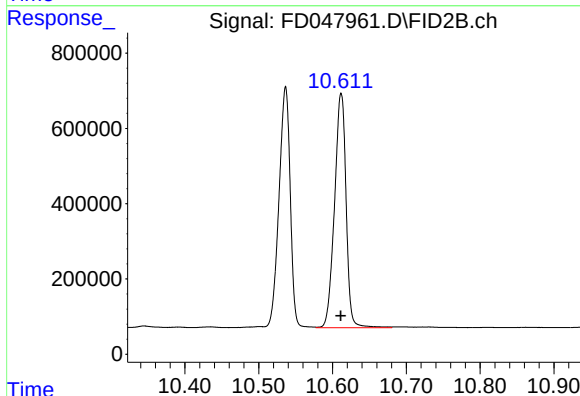
R.T.: 9.147 min
Delta R.T.: 0.000 min
Response: 6678613
Conc: 40.22 ug/ml



#9 Phenanthrene (C19.36)

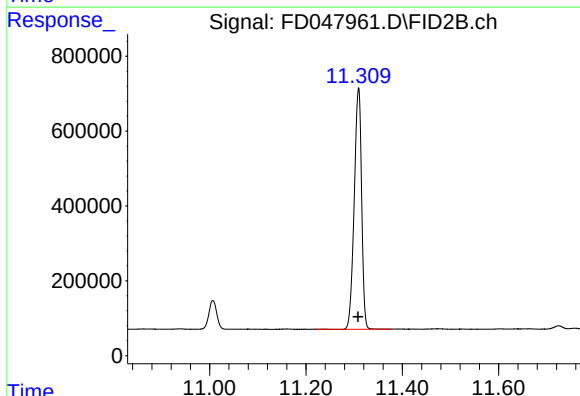
R.T.: 10.536 min
Delta R.T.: 0.000 min
Response: 6805001
Conc: 41.57 ug/ml

Instrument :
FID_D
ClientSampleId :



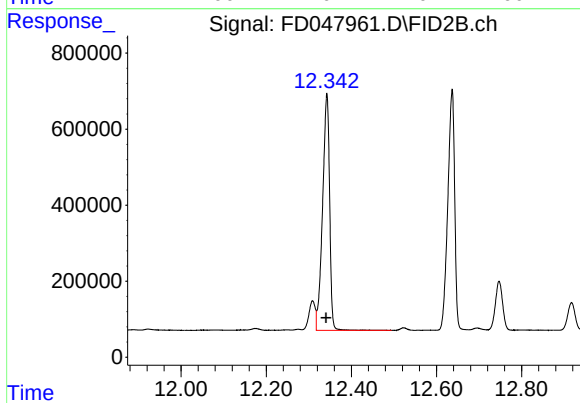
#10 Anthracene (C19.43)

R.T.: 10.612 min
Delta R.T.: 0.000 min
Response: 6789122
Conc: 41.74 ug/ml



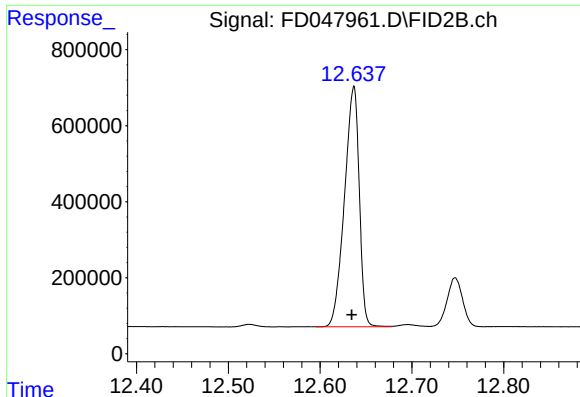
#11 ortho-Terphenyl (SURR)

R.T.: 11.309 min
Delta R.T.: 0.000 min
Response: 6855129
Conc: 40.79 ug/ml



#12 Fluoranthene (C21.85)

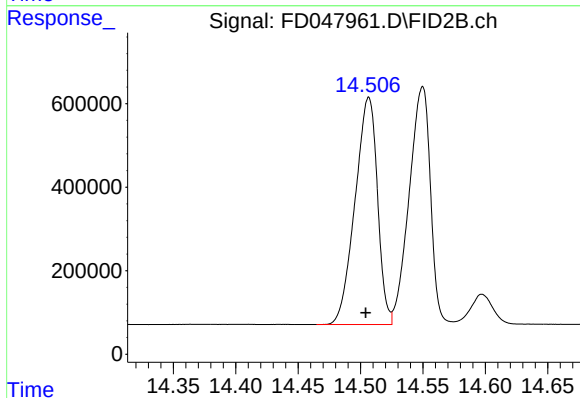
R.T.: 12.342 min
Delta R.T.: 0.001 min
Response: 7143878
Conc: 43.38 ug/ml



#13 Pyrene (C20.8)

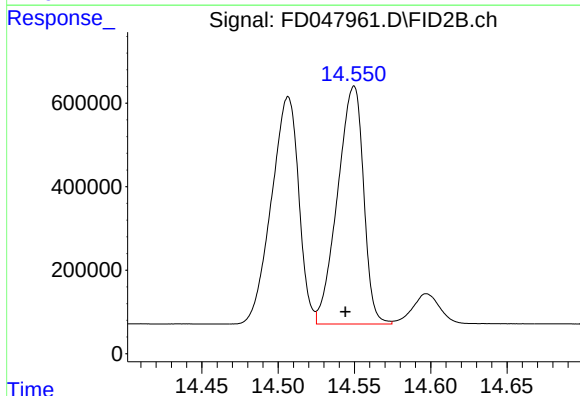
R.T.: 12.636 min
Delta R.T.: 0.002 min
Response: 7073117
Conc: 43.38 ug/ml

Instrument :
FID_D
ClientSampleId :



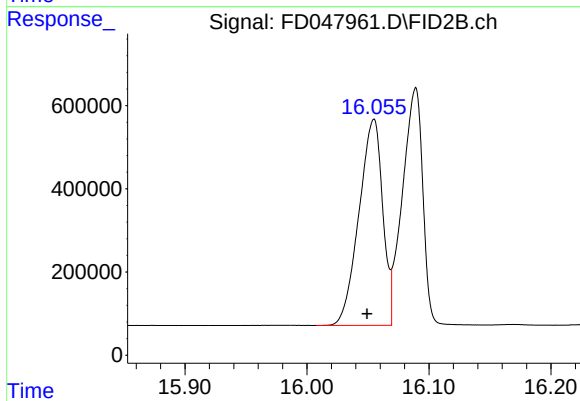
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.506 min
Delta R.T.: 0.002 min
Response: 6804147
Conc: 44.36 ug/ml



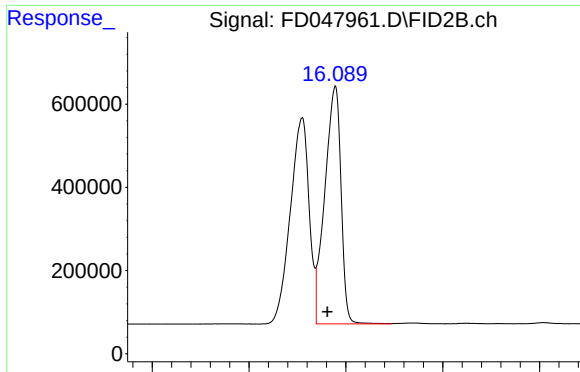
#15 Chrysene (C27.41)

R.T.: 14.549 min
Delta R.T.: 0.005 min
Response: 6761140
Conc: 41.34 ug/ml



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

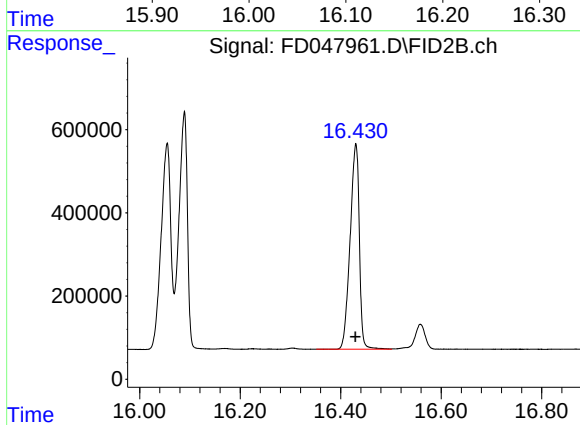
R.T.: 16.054 min
Delta R.T.: 0.005 min
Response: 6695475
Conc: 43.58 ug/ml



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

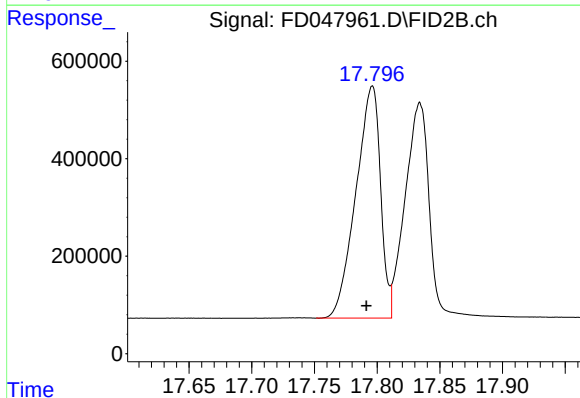
R.T.: 16.088 min
Delta R.T.: 0.007 min
Response: 6634490
Conc: 44.29 ug/ml

Instrument :
FID_D
ClientSampleId :



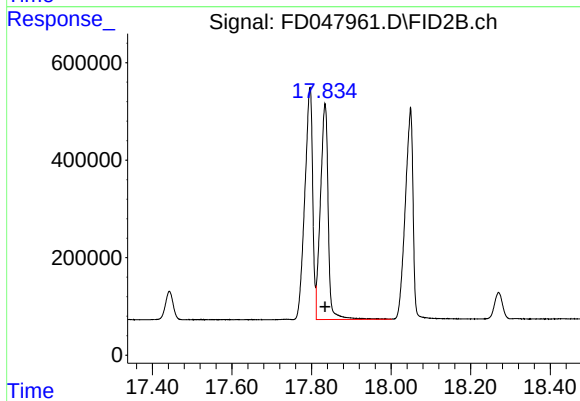
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.430 min
Delta R.T.: 0.000 min
Response: 6284082
Conc: 41.24 ug/ml



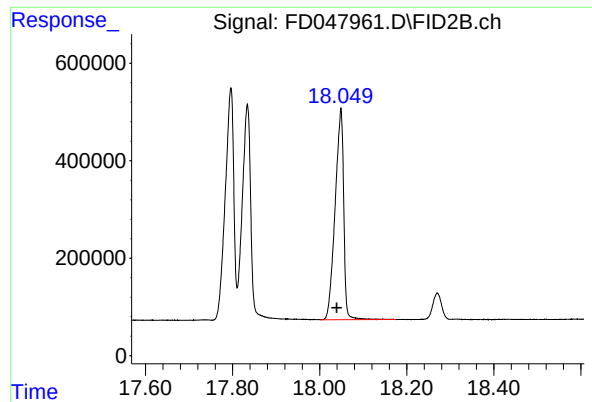
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.795 min
Delta R.T.: 0.004 min
Response: 6507848
Conc: 49.49 ug/ml



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

R.T.: 17.834 min
Delta R.T.: 0.000 min
Response: 6015303
Conc: 37.98 ug/ml



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

R.T.: 18.048 min
Delta R.T.: 0.009 min
Response: 5913067
Conc: 39.33 ug/ml

Instrument :

FID_D

ClientSampleId :