

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022023AR\
 Data File : FD045067.D
 Signal(s) : FID2B.ch
 Acq On : 20 Feb 2023 17:48
 Operator : YP/AJ
 Sample : PB150938BSD
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB150938BSD

Integration File: autoint1.e
 Quant Time: Feb 21 04:24:28 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 012323.M
 Quant Title : GC Extractables
 QLast Update : Mon Jan 23 15:00:18 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...	7.557	6146769	41.911 ug/ml
Spiked Amount 50.000		Recovery =	83.82%
6) S 2-Fluorobiphenyl (SURR)	8.414	4056349	40.640 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	81.28%
11) S ortho-Terphenyl (SURR)	11.455	6549765	35.240 ug/ml
Spiked Amount 50.000		Recovery =	70.48%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.365	5150093	32.263 ug/ml
2) T Naphthalene (C11.7)	5.896	5840453	34.471 ug/ml
3) T 2-Methylnaphthalene (...)	6.945	5824813	33.952 ug/ml
5) T Acenaphthylene (C15.06)	8.218	6424839	40.886 ug/ml
7) T Acenaphthene (C15.5)	8.514	6604046	39.719 ug/ml
8) T Fluorene (C16.55)	9.293	6755331	41.157 ug/ml
9) T Phenanthrene (C19.36)	10.686	7068562	43.719 ug/ml
10) T Anthracene (C19.43)	10.761	7022157	47.368 ug/ml
12) T Fluoranthene (C21.85)	12.493	7224764	45.143 ug/ml
13) T Pyrene (C20.8)	12.789	7196628	45.863 ug/ml
14) T Benzo[a]anthracene (C...	14.654	6729219	47.148 ug/ml
15) T Chrysene (C27.41)	14.698	6563299	44.328 ug/ml
16) T benzo[b]fluoranthene ...	16.199	6717854	46.308 ug/ml
17) T Bnezo[k]fluoranthene ...	16.234	6346553	44.515 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.575	5951689	42.592 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.936	6308298	46.877 ug/ml
20) T Dibenz[a,h]anthracene...	17.977	5808055	43.828 ug/ml
21) T Benzo[g,h,i]perylene ...	18.192	6160583	45.309 ug/ml

(f)=RT Delta > 1/2 Window

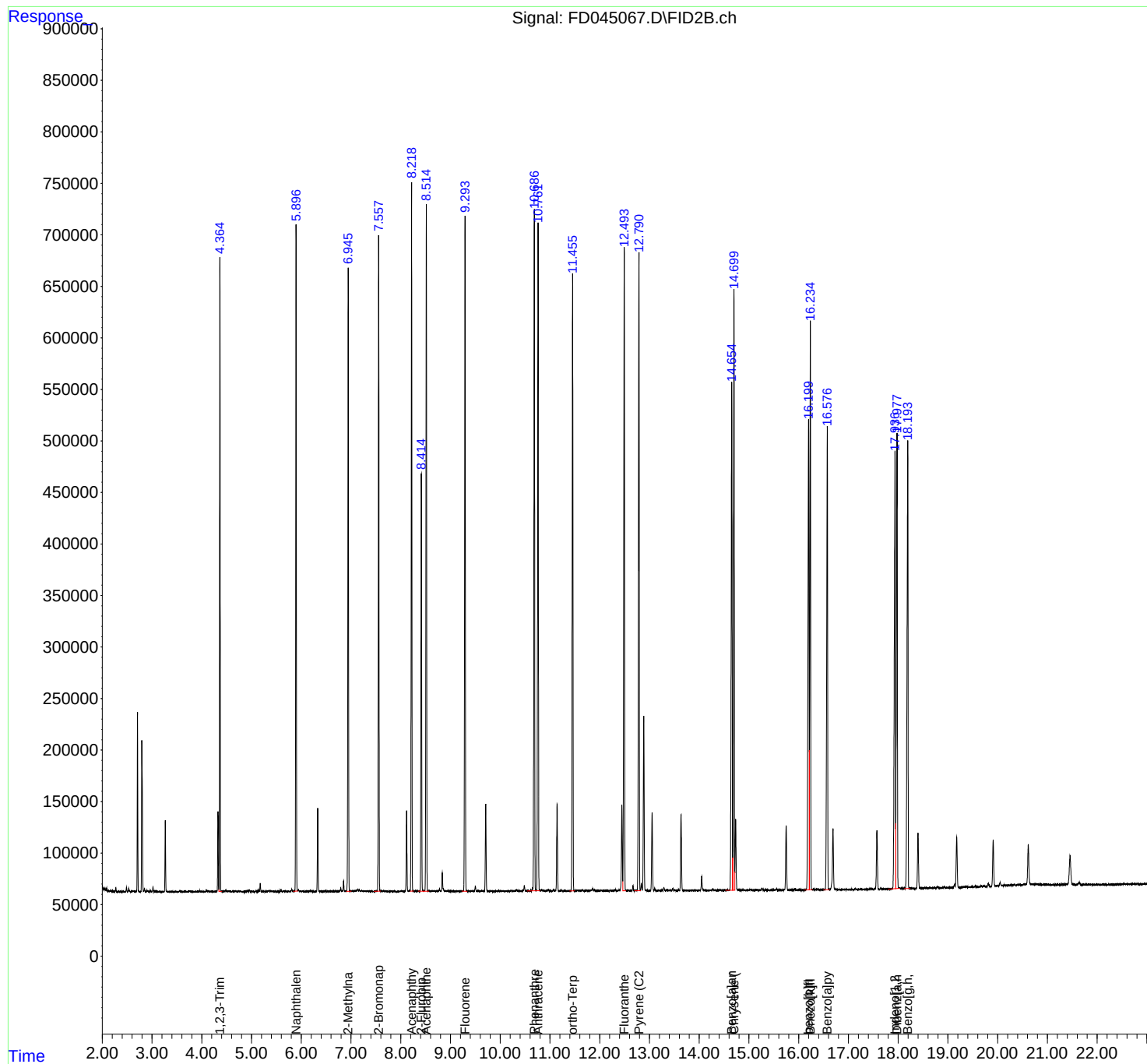
(m)=manual int.

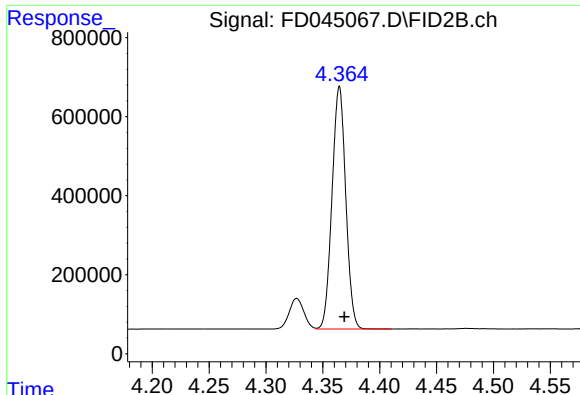
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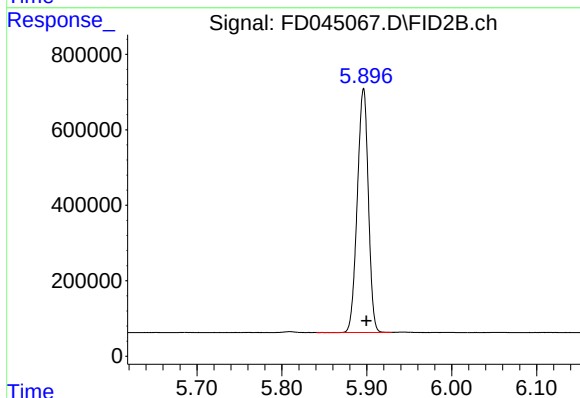




#1 1,2,3-Trimethylbenzene (C10.1)

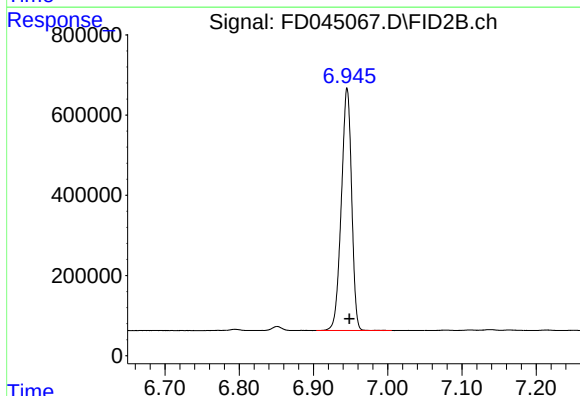
R.T.: 4.365 min
Delta R.T.: -0.004 min
Response: 5150093
Conc: 32.26 ug/ml

Instrument :
FID_D
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PB150938BSD



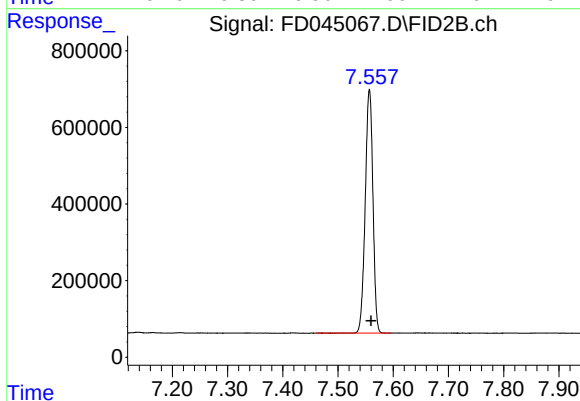
#2 Naphthalene (C11.7)

R.T.: 5.896 min
Delta R.T.: -0.004 min
Response: 5840453
Conc: 34.47 ug/ml



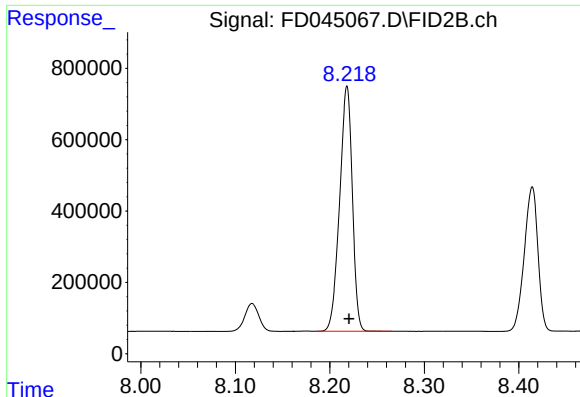
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.945 min
Delta R.T.: -0.003 min
Response: 5824813
Conc: 33.95 ug/ml



#4 2-Bromonaphthalene (SURR)

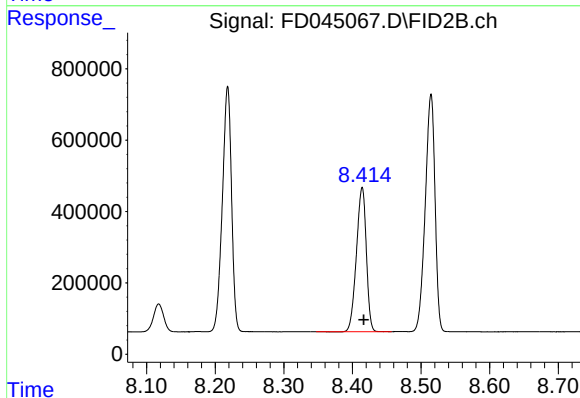
R.T.: 7.557 min
Delta R.T.: -0.003 min
Response: 6146769
Conc: 41.91 ug/ml



#5 Acenaphthylene (C15.06)

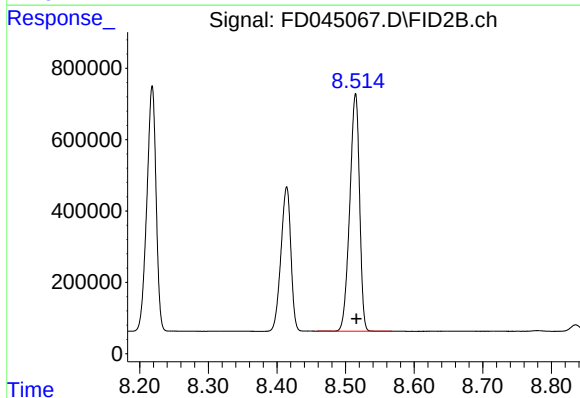
R.T.: 8.218 min
Delta R.T.: -0.002 min
Response: 6424839
Conc: 40.89 ug/ml

Instrument :
FID_D
ClientSampleId :
PB150938BSD



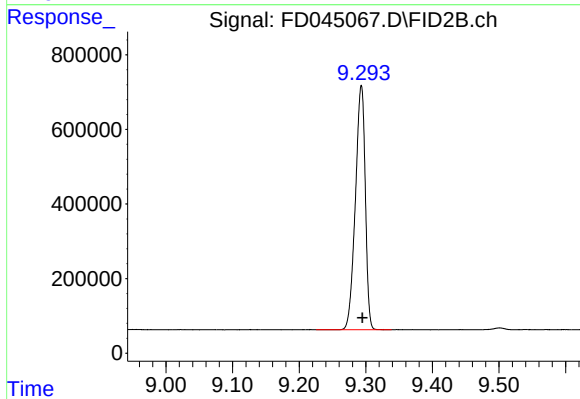
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.414 min
Delta R.T.: -0.003 min
Response: 4056349
Conc: 40.64 ug/ml



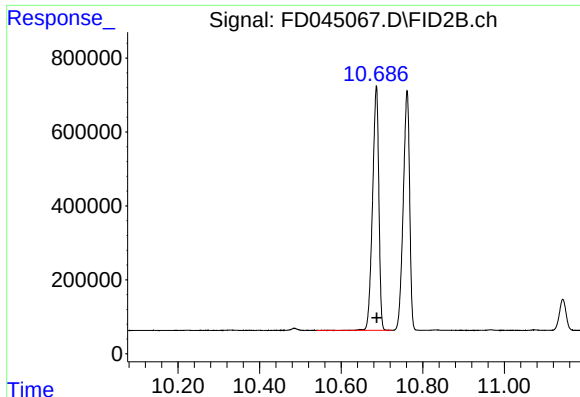
#7 Acenaphthene (C15.5)

R.T.: 8.514 min
Delta R.T.: -0.002 min
Response: 6604046
Conc: 39.72 ug/ml



#8 Fluorene (C16.55)

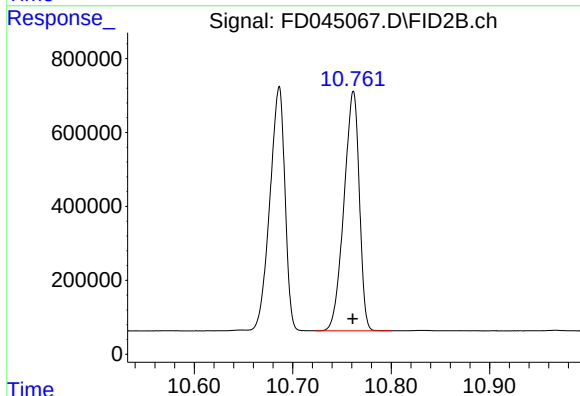
R.T.: 9.293 min
Delta R.T.: -0.002 min
Response: 6755331
Conc: 41.16 ug/ml



#9 Phenanthrene (C19.36)

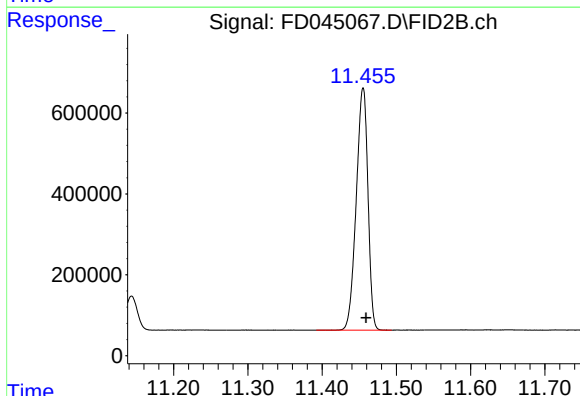
R.T.: 10.686 min
Delta R.T.: -0.001 min
Response: 7068562
Conc: 43.72 ug/ml

Instrument :
FID_D
ClientSampleId :
PB150938BSD



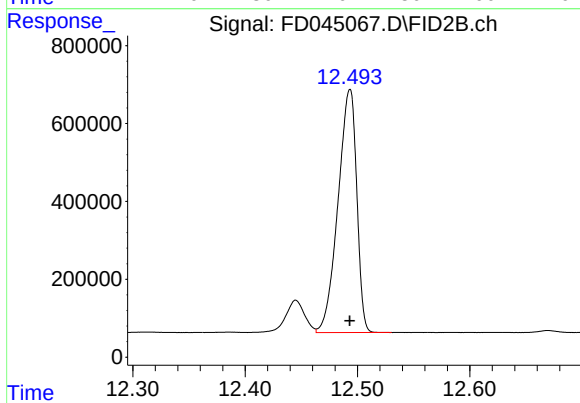
#10 Anthracene (C19.43)

R.T.: 10.761 min
Delta R.T.: 0.000 min
Response: 7022157
Conc: 47.37 ug/ml



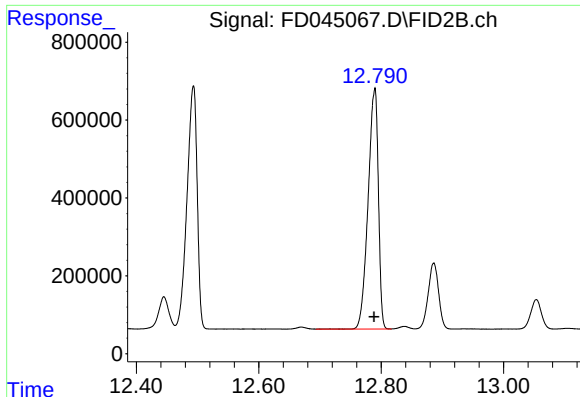
#11 ortho-Terphenyl (SURR)

R.T.: 11.455 min
Delta R.T.: -0.004 min
Response: 6549765
Conc: 35.24 ug/ml



#12 Fluoranthene (C21.85)

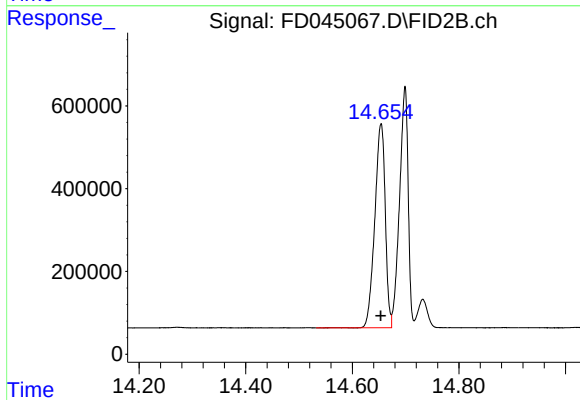
R.T.: 12.493 min
Delta R.T.: 0.000 min
Response: 7224764
Conc: 45.14 ug/ml



#13 Pyrene (C20.8)

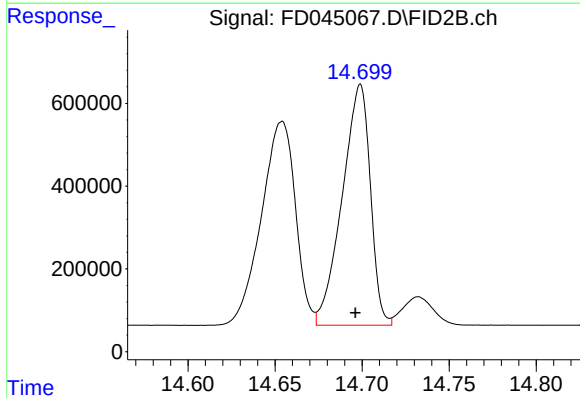
R.T.: 12.789 min
Delta R.T.: 0.000 min
Response: 7196628
Conc: 45.86 ug/ml

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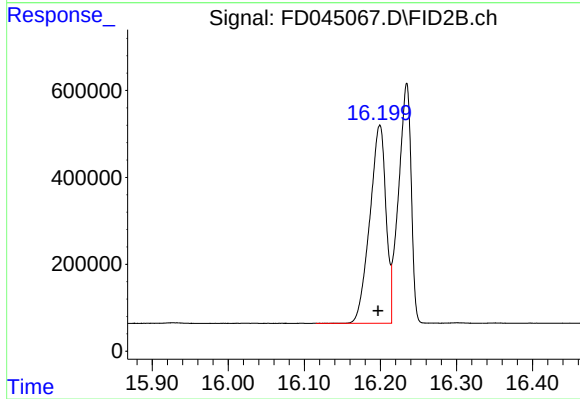
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.654 min
Delta R.T.: 0.000 min
Response: 6729219
Conc: 47.15 ug/ml



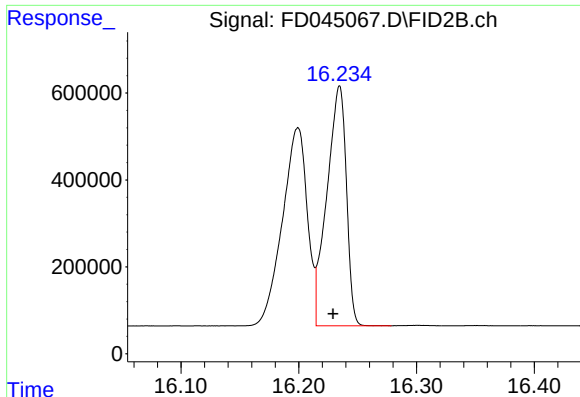
#15 Chrysene (C27.41)

R.T.: 14.698 min
Delta R.T.: 0.002 min
Response: 6563299
Conc: 44.33 ug/ml



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

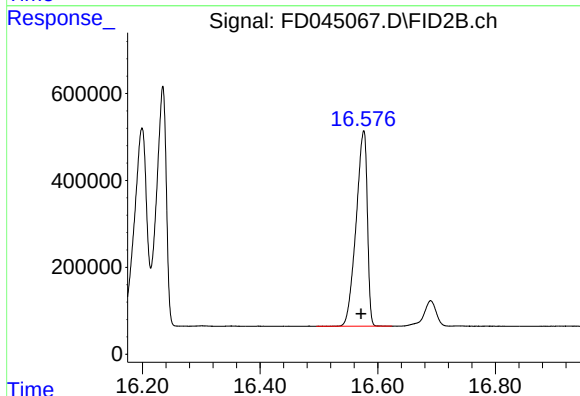
R.T.: 16.199 min
Delta R.T.: 0.002 min
Response: 6717854
Conc: 46.31 ug/ml



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

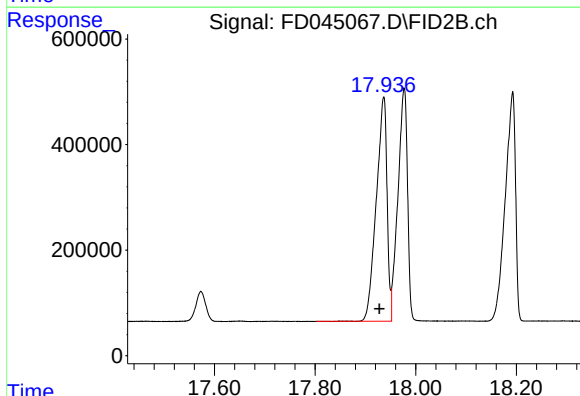
R.T.: 16.234 min
Delta R.T.: 0.005 min
Response: 6346553
Conc: 44.51 ug/ml

Instrument :
FID_D
ClientSampleId :
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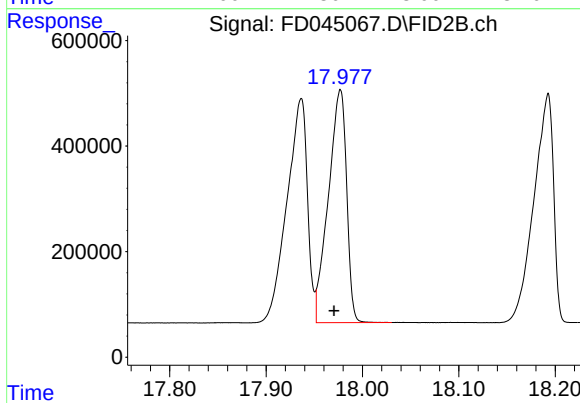
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.575 min
Delta R.T.: 0.004 min
Response: 5951689
Conc: 42.59 ug/ml



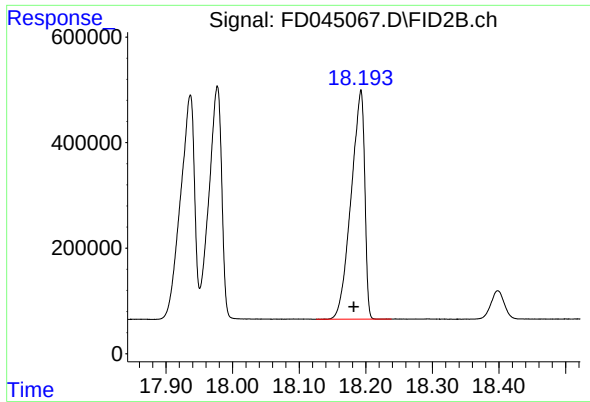
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.936 min
Delta R.T.: 0.008 min
Response: 6308298
Conc: 46.88 ug/ml



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

R.T.: 17.977 min
Delta R.T.: 0.006 min
Response: 5808055
Conc: 43.83 ug/ml



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

R.T.: 18.192 min
Delta R.T.: 0.010 min
Response: 6160583
Conc: 45.31 ug/ml

Instrument :

FID_D

ClientSampleId :

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