

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD021424AR\
 Data File : FD047249.D
 Signal(s) : FID2B.ch
 Acq On : 14 Feb 2024 17:51
 Operator : YP/AJ
 Sample : PB159031BSD
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB159031BSD

Integration File: autoint1.e
 Quant Time: Feb 14 22:29:29 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 020824.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 08 13:43:49 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...	7.467	8501325	55.841 ug/ml
Spiked Amount 50.000		Recovery =	111.68%
6) S 2-Fluorobiphenyl (SURR)	8.319	3920200	38.783 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	77.57%
11) S ortho-Terphenyl (SURR)	11.359	9143074	51.840 ug/ml
Spiked Amount 50.000		Recovery =	103.68%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.281	4588573	29.106 ug/ml
2) T Naphthalene (C11.7)	5.806	5895298	35.472 ug/ml
3) T 2-Methylnaphthalene (...)	6.854	6351789	37.664 ug/ml
5) T Acenaphthylene (C15.06)	8.124	7852388	51.018 ug/ml
7) T Acenaphthene (C15.5)	8.420	7208112	43.730 ug/ml
8) T Flouorene (C16.55)	9.199	8637938	54.482 ug/ml
9) T Phenanthrene (C19.36)	10.588	8892662	57.240 ug/ml
10) T Anthracene (C19.43)	10.664	8650472	58.660 ug/ml
12) T Fluoranthene (C21.85)	12.393	9209293	59.480 ug/ml
13) T Pyrene (C20.8)	12.688	9095947	60.467 ug/ml
14) T Benzo[a]anthracene (C...	14.553	8584936	63.865 ug/ml
15) T Chrysene (C27.41)	14.597	8562337	58.473 ug/ml
16) T benzo[b]fluoranthene ...	16.096	8367756	60.775 ug/ml
17) T Bnezo[k]fluoranthene ...	16.133	8186689	59.000 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.473	7883866	58.237 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.834	8306560	65.797 ug/ml
20) T Dibenz[a,h]anthracene...	17.874	7669218	57.559 ug/ml
21) T Benzo[g,h,i]perylene ...	18.088	7582935	57.189 ug/ml

(f)=RT Delta > 1/2 Window

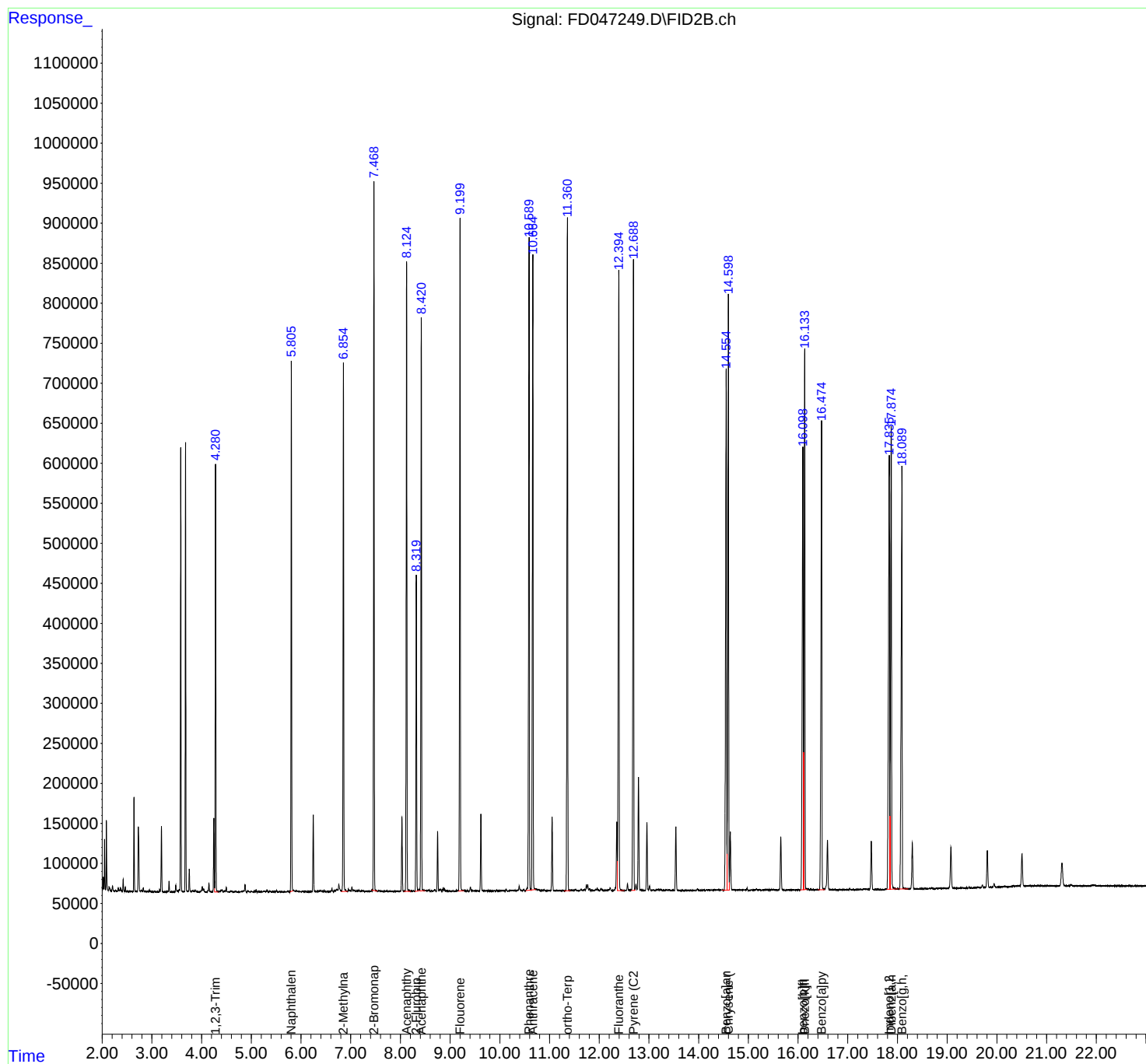
(m)=manual int.

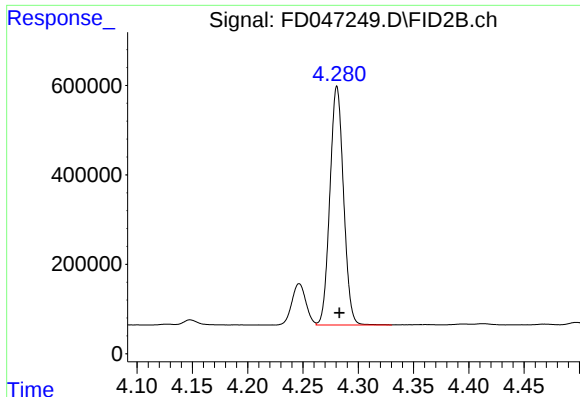
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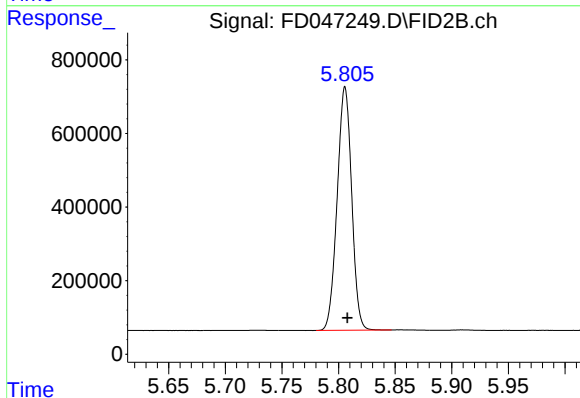




#1 1,2,3-Trimethylbenzene (C10.1)

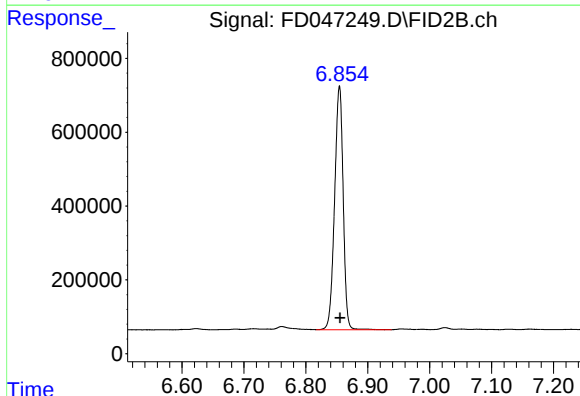
R.T.: 4.281 min
Delta R.T.: -0.002 min
Response: 4588573
Conc: 29.11 ug/ml

Instrument :
FID_D
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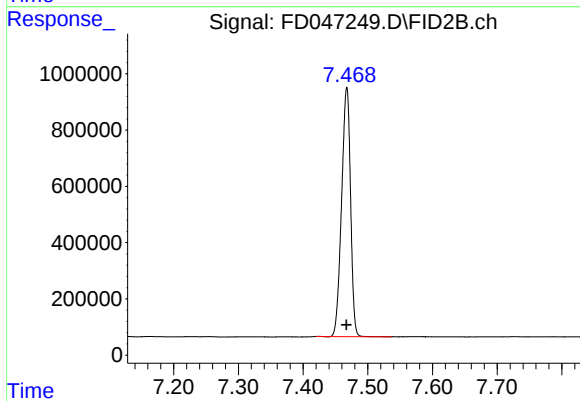
#2 Naphthalene (C11.7)

R.T.: 5.806 min
Delta R.T.: -0.002 min
Response: 5895298
Conc: 35.47 ug/ml



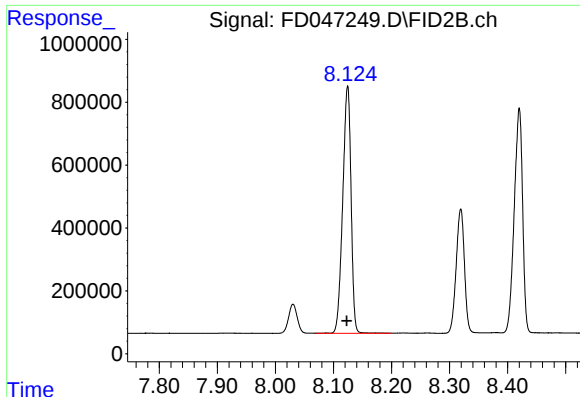
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.854 min
Delta R.T.: -0.001 min
Response: 6351789
Conc: 37.66 ug/ml



#4 2-Bromonaphthalene (SURR)

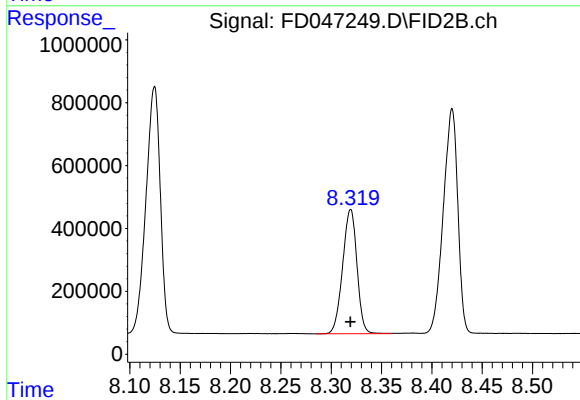
R.T.: 7.467 min
Delta R.T.: 0.000 min
Response: 8501325
Conc: 55.84 ug/ml



#5 Acenaphthylene (C15.06)

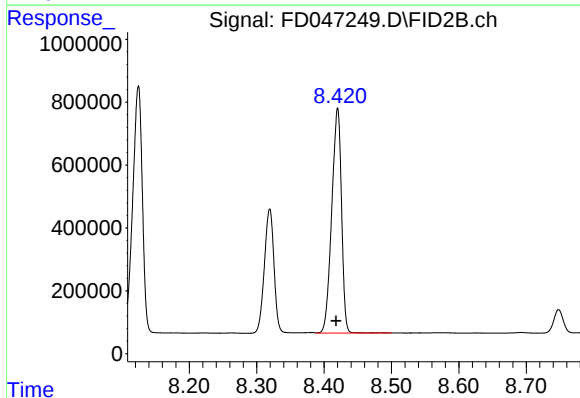
R.T.: 8.124 min
Delta R.T.: 0.001 min
Response: 7852388
Conc: 51.02 ug/ml

Instrument :
FID_D
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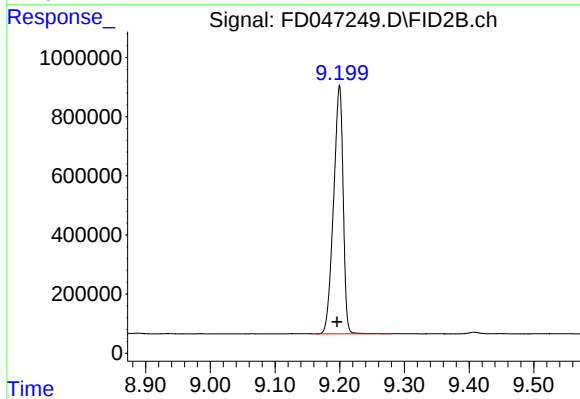
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.319 min
Delta R.T.: 0.000 min
Response: 3920200
Conc: 38.78 ug/ml



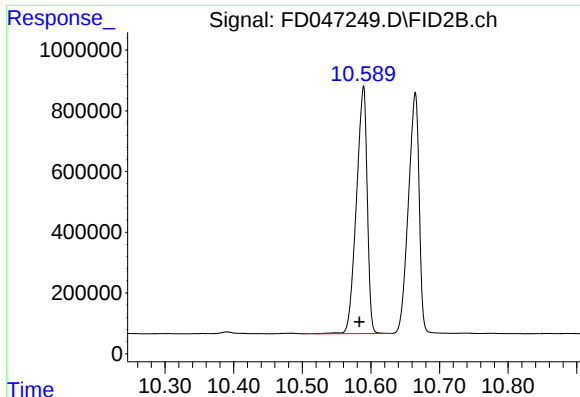
#7 Acenaphthene (C15.5)

R.T.: 8.420 min
Delta R.T.: 0.002 min
Response: 7208112
Conc: 43.73 ug/ml



#8 Fluorene (C16.55)

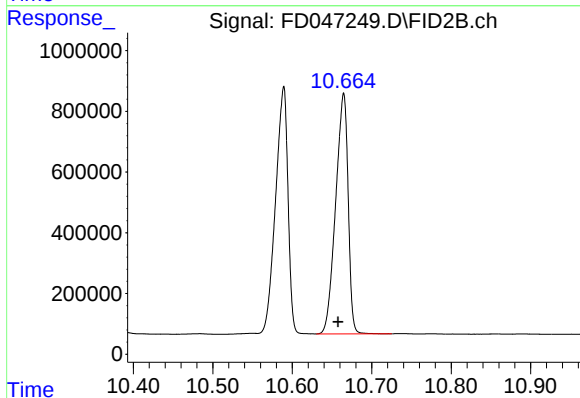
R.T.: 9.199 min
Delta R.T.: 0.003 min
Response: 8637938
Conc: 54.48 ug/ml



#9 Phenanthrene (C19.36)

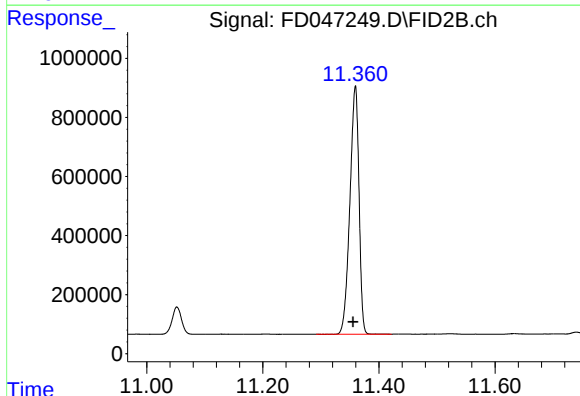
R.T.: 10.588 min
Delta R.T.: 0.005 min
Response: 8892662
Conc: 57.24 ug/ml

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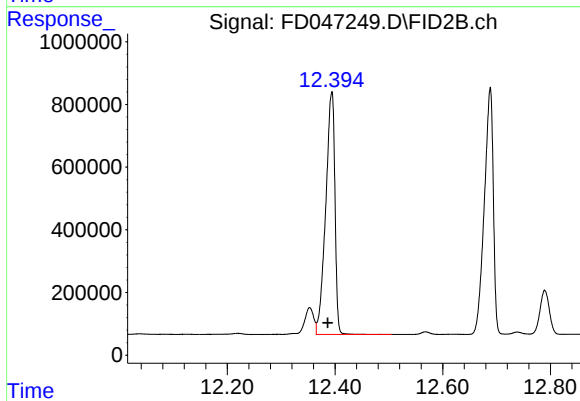
#10 Anthracene (C19.43)

R.T.: 10.664 min
Delta R.T.: 0.006 min
Response: 8650472
Conc: 58.66 ug/ml



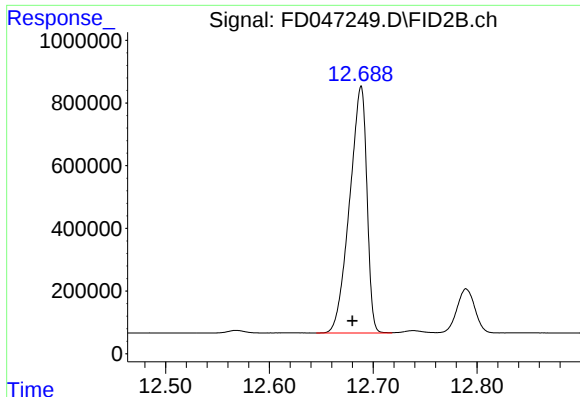
#11 ortho-Terphenyl (SURR)

R.T.: 11.359 min
Delta R.T.: 0.004 min
Response: 9143074
Conc: 51.84 ug/ml



#12 Fluoranthene (C21.85)

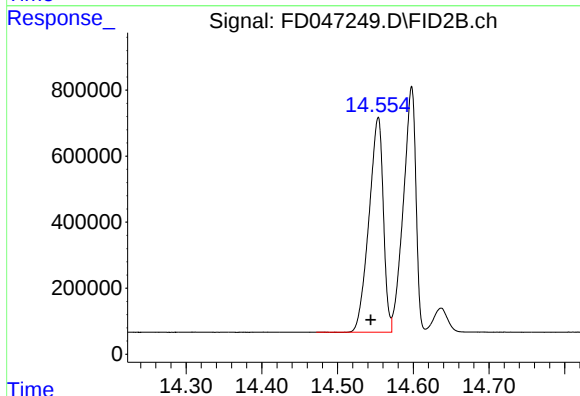
R.T.: 12.393 min
Delta R.T.: 0.007 min
Response: 9209293
Conc: 59.48 ug/ml



#13 Pyrene (C20.8)

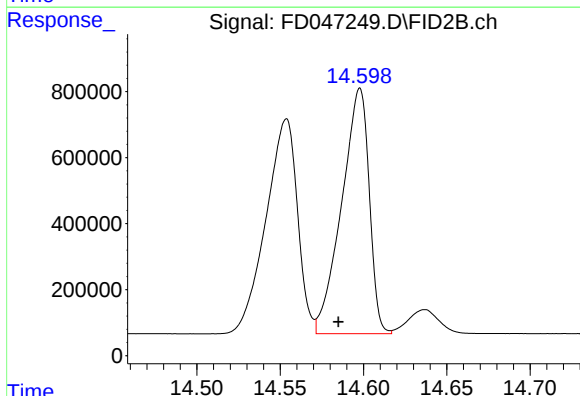
R.T.: 12.688 min
Delta R.T.: 0.008 min
Response: 9095947
Conc: 60.47 ug/ml

Instrument :
FID_D
ClientSampleId :
PB159031BSD



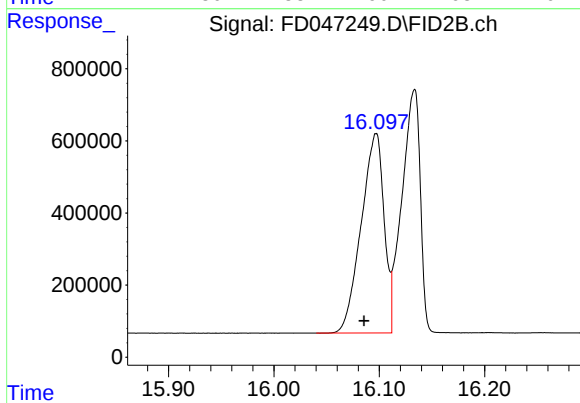
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.553 min
Delta R.T.: 0.009 min
Response: 8584936
Conc: 63.86 ug/ml



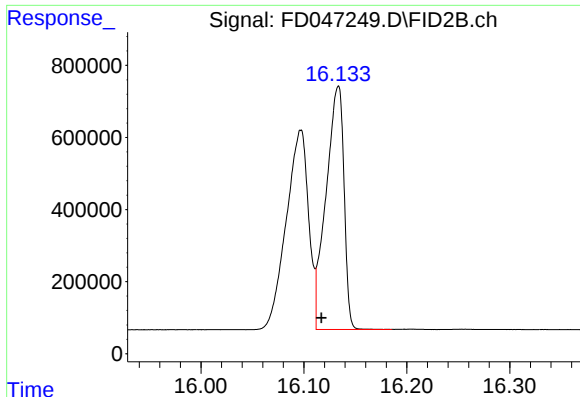
#15 Chrysene (C27.41)

R.T.: 14.597 min
Delta R.T.: 0.012 min
Response: 8562337
Conc: 58.47 ug/ml



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

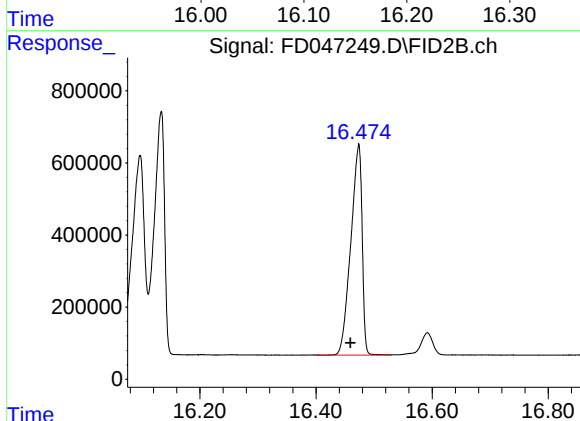
R.T.: 16.096 min
Delta R.T.: 0.011 min
Response: 8367756
Conc: 60.77 ug/ml



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

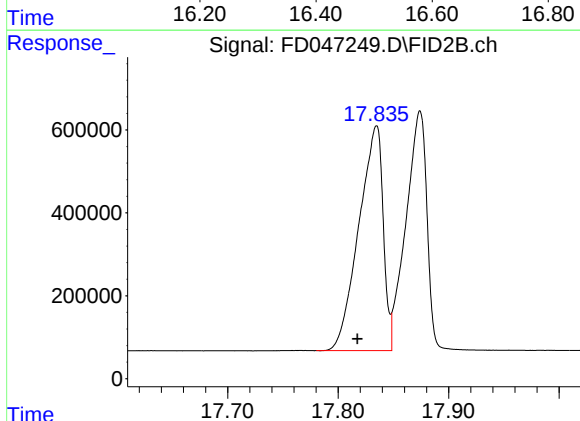
R.T.: 16.133 min
Delta R.T.: 0.016 min
Response: 8186689
Conc: 59.00 ug/ml

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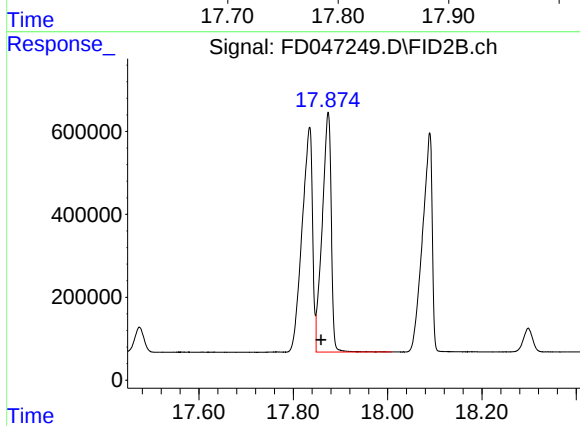
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.473 min
Delta R.T.: 0.013 min
Response: 7883866
Conc: 58.24 ug/ml



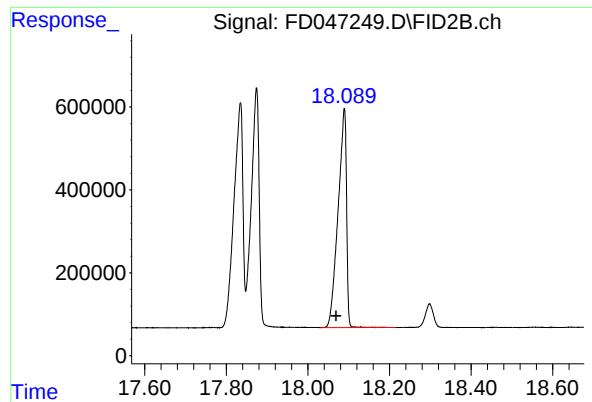
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.834 min
Delta R.T.: 0.016 min
Response: 8306560
Conc: 65.80 ug/ml



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

R.T.: 17.874 min
Delta R.T.: 0.015 min
Response: 7669218
Conc: 57.56 ug/ml



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

R.T.: 18.088 min
Delta R.T.: 0.020 min
Response: 7582935
Conc: 57.19 ug/ml

Instrument :

FID_D

ClientSampleId :

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