

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022825AR\
 Data File : FD049132.D
 Signal(s) : FID2B.ch
 Acq On : 28 Feb 2025 12:13
 Operator : YP/AJ
 Sample : PB166923BSD
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB166923BSD

Integration File: autoint1.e
 Quant Time: Mar 01 02:17:35 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 021125.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 12 12:54:29 2025
 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...	7.352	8444315	59.006 ug/ml
Spiked Amount 50.000		Recovery =	118.01%
6) S 2-Fluorobiphenyl (SURR)	8.203	5539761	63.015 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	126.03%
11) S ortho-Terphenyl (SURR)	11.237	8675284	53.626 ug/ml
Spiked Amount 50.000		Recovery =	107.25%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.177	7363423	46.237 ug/ml
2) T Naphthalene (C11.7)	5.693	8299718	52.269 ug/ml
3) T 2-Methylnaphthalene (...)	6.739	8179915	52.539 ug/ml
5) T Acenaphthylene (C15.06)	8.006	9241947	56.837 ug/ml
7) T Acenaphthene (C15.5)	8.301	9806969	59.614 ug/ml
8) T Fluorene (C16.55)	9.079	9794107	62.126 ug/ml
9) T Phenanthrene (C19.36)	10.467	9953645	66.049 ug/ml
10) T Anthracene (C19.43)	10.543	10019118	66.339 ug/ml
12) T Fluoranthene (C21.85)	12.273	10371581	67.210 ug/ml
13) T Pyrene (C20.8)	12.567	10147707	65.869 ug/ml
14) T Benzo[a]anthracene (C...	14.437	9644699	73.405 ug/ml
15) T Chrysene (C27.41)	14.480	9454131	58.472 ug/ml
16) T benzo[b]fluoranthene ...	15.988	9628743	69.979 ug/ml
17) T Bnezo[k]fluoranthene ...	16.022	9681524	61.298 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.364	9238467	68.062 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.734	8949996	81.902 ug/ml
20) T Dibenz[a,h]anthracene...	17.767	9240484	59.562 ug/ml
21) T Benzo[g,h,i]perylene ...	17.985	9127178	62.967 ug/ml

(f)=RT Delta > 1/2 Window

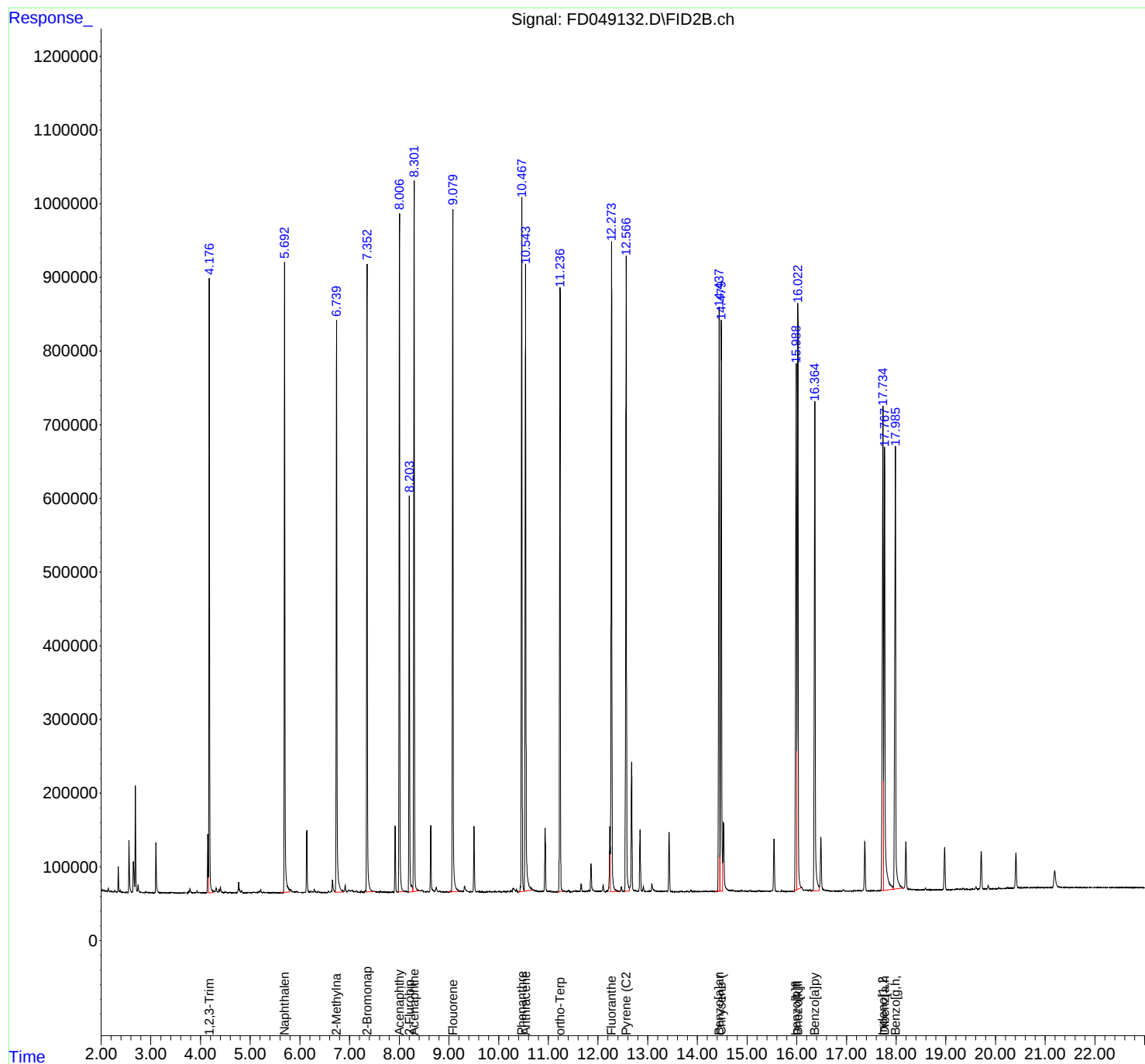
(m)=manual int.

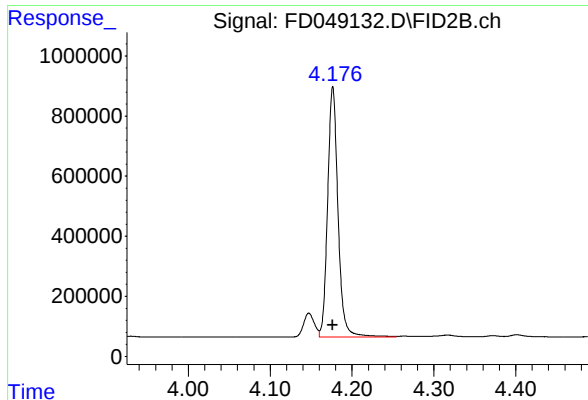
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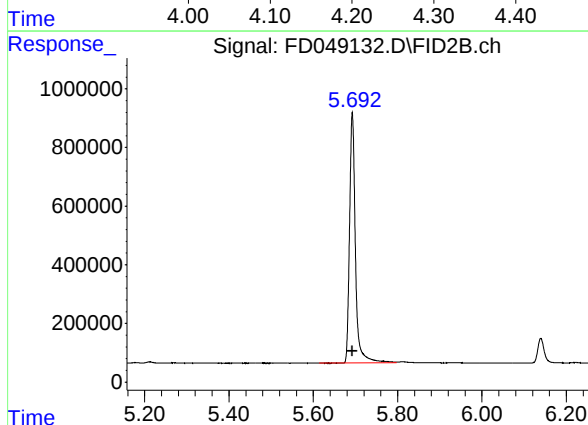




#1 1,2,3-Trimethylbenzene (C10.1)

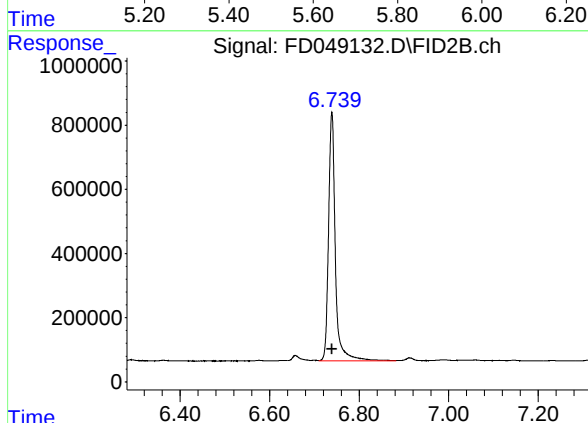
R.T.: 4.177 min
Delta R.T.: 0.000 min
Response: 7363423
Conc: 46.24 ug/ml

Instrument :
FID_D
ClientSampleId :
PB166923BSD



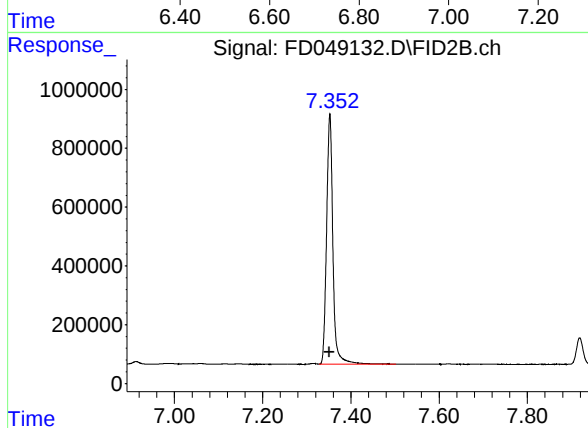
#2 Naphthalene (C11.7)

R.T.: 5.693 min
Delta R.T.: 0.000 min
Response: 8299718
Conc: 52.27 ug/ml



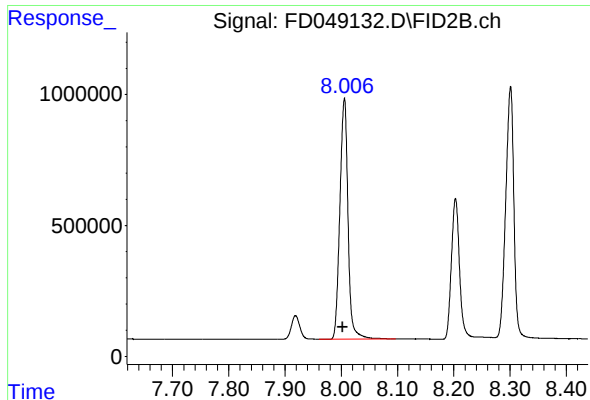
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.739 min
Delta R.T.: 0.000 min
Response: 8179915
Conc: 52.54 ug/ml



#4 2-Bromonaphthalene (SURR)

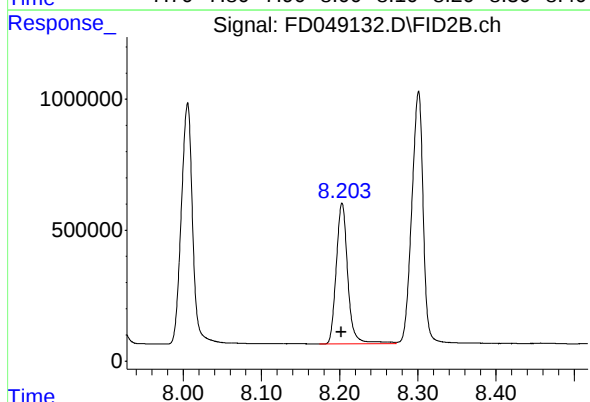
R.T.: 7.352 min
Delta R.T.: 0.001 min
Response: 8444315
Conc: 59.01 ug/ml



#5 Acenaphthylene (C15.06)

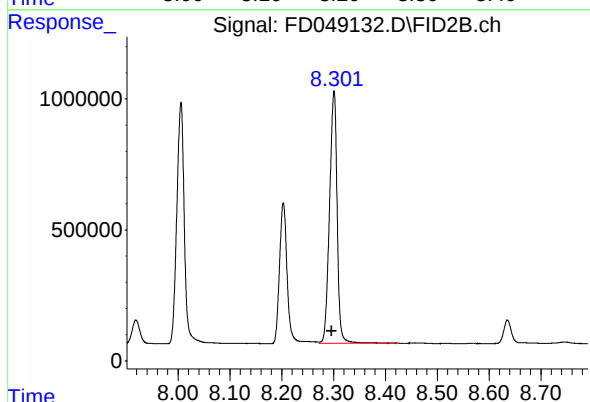
R.T.: 8.006 min
Delta R.T.: 0.003 min
Response: 9241947
Conc: 56.84 ug/ml

Instrument :
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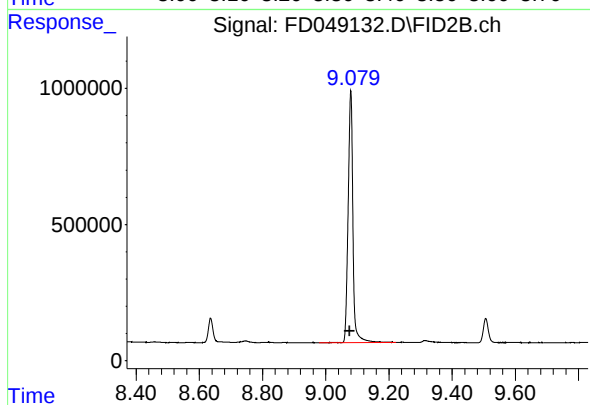
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.203 min
Delta R.T.: 0.000 min
Response: 5539761
Conc: 63.01 ug/ml



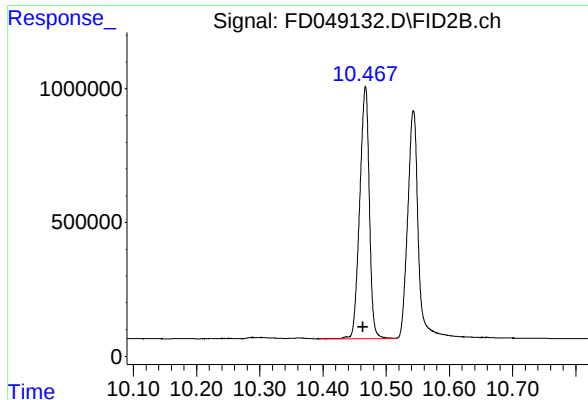
#7 Acenaphthene (C15.5)

R.T.: 8.301 min
Delta R.T.: 0.005 min
Response: 9806969
Conc: 59.61 ug/ml



#8 Fluorene (C16.55)

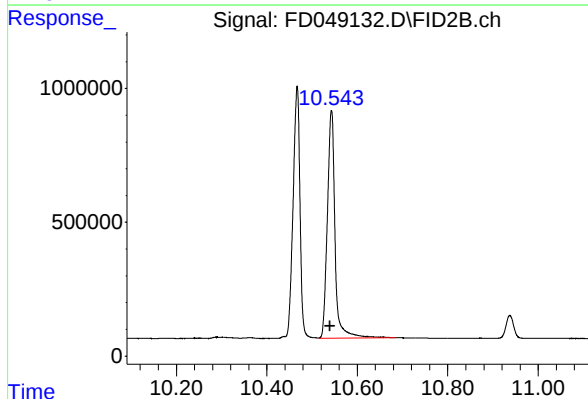
R.T.: 9.079 min
Delta R.T.: 0.003 min
Response: 9794107
Conc: 62.13 ug/ml



#9 Phenanthrene (C19.36)

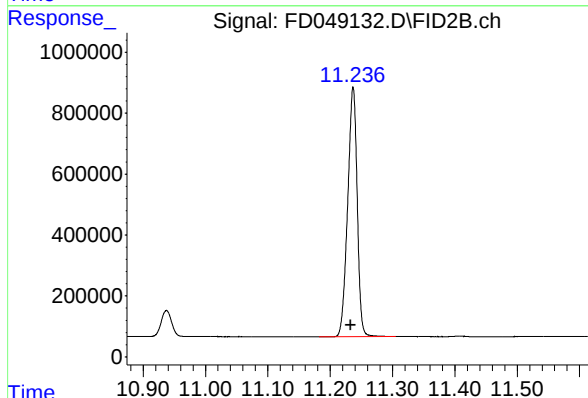
R.T.: 10.467 min
Delta R.T.: 0.004 min
Response: 9953645
Conc: 66.05 ug/ml

Instrument :
FID_D
ClientSampleId :
PB166923BSD



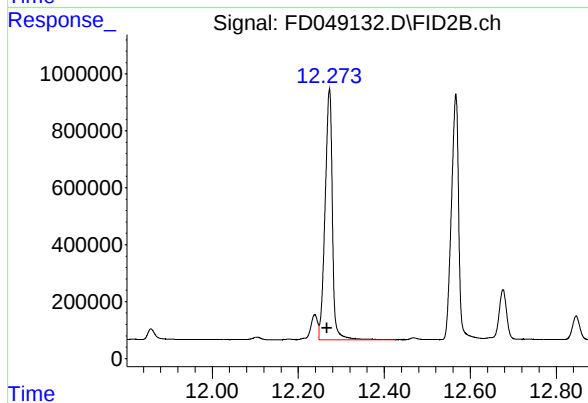
#10 Anthracene (C19.43)

R.T.: 10.543 min
Delta R.T.: 0.004 min
Response: 10019118
Conc: 66.34 ug/ml



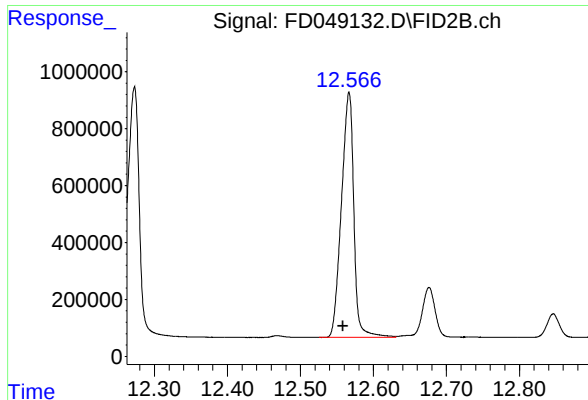
#11 ortho-Terphenyl (SURR)

R.T.: 11.237 min
Delta R.T.: 0.004 min
Response: 8675284
Conc: 53.63 ug/ml



#12 Fluoranthene (C21.85)

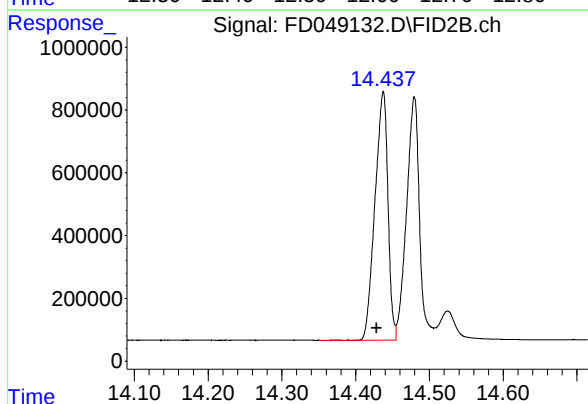
R.T.: 12.273 min
Delta R.T.: 0.006 min
Response: 10371581
Conc: 67.21 ug/ml



#13 Pyrene (C20.8)

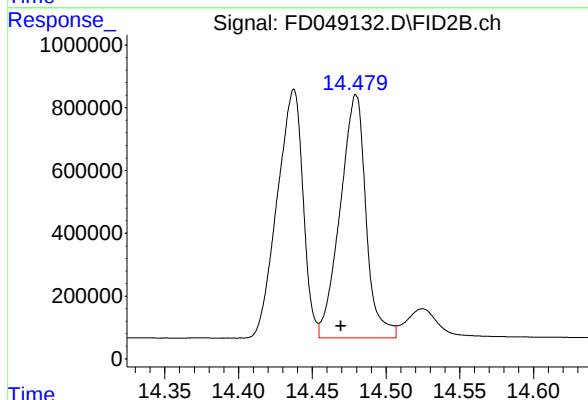
R.T.: 12.567 min
Delta R.T.: 0.008 min
Response: 10147707
Conc: 65.87 ug/ml

Instrument :
FID_D
ClientSampleId :
PB166923BSD



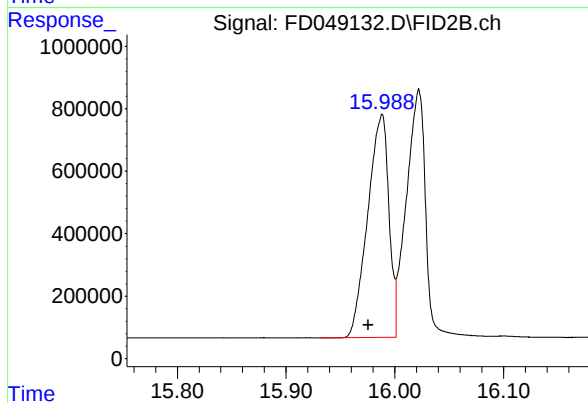
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.437 min
Delta R.T.: 0.009 min
Response: 9644699
Conc: 73.41 ug/ml



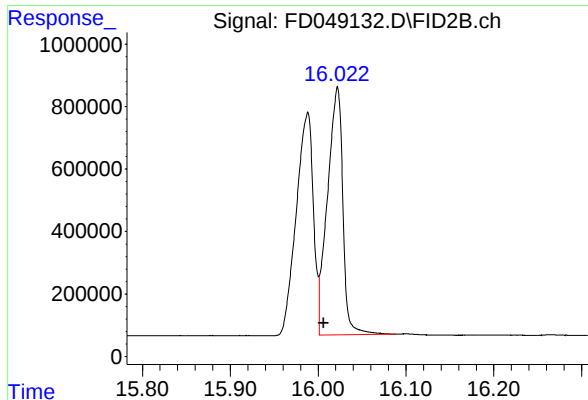
#15 Chrysene (C27.41)

R.T.: 14.480 min
Delta R.T.: 0.010 min
Response: 9454131
Conc: 58.47 ug/ml



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

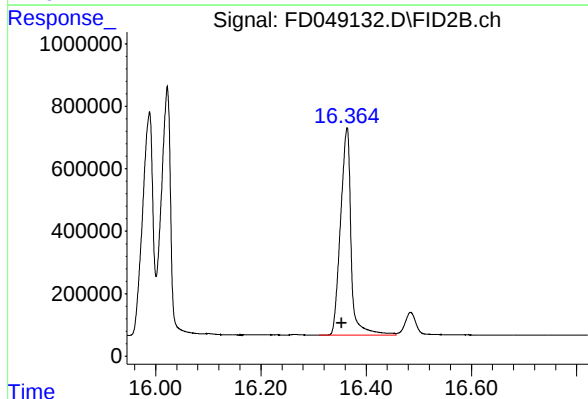
R.T.: 15.988 min
Delta R.T.: 0.013 min
Response: 9628743
Conc: 69.98 ug/ml



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

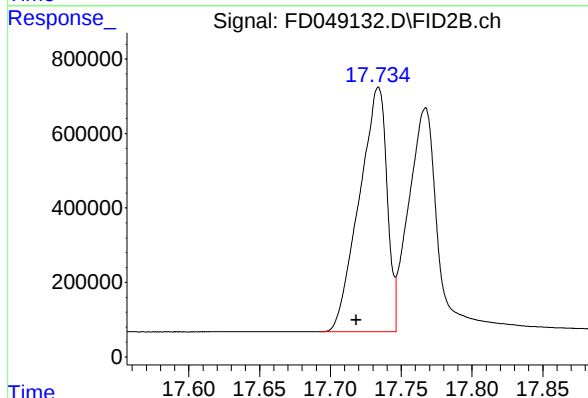
R.T.: 16.022 min
Delta R.T.: 0.016 min
Response: 9681524
Conc: 61.30 ug/ml

Instrument :
FID_D
ClientSampleId :
PB166923BSD



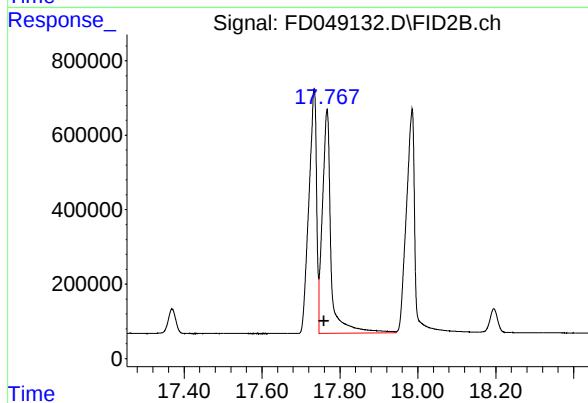
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.364 min
Delta R.T.: 0.010 min
Response: 9238467
Conc: 68.06 ug/ml



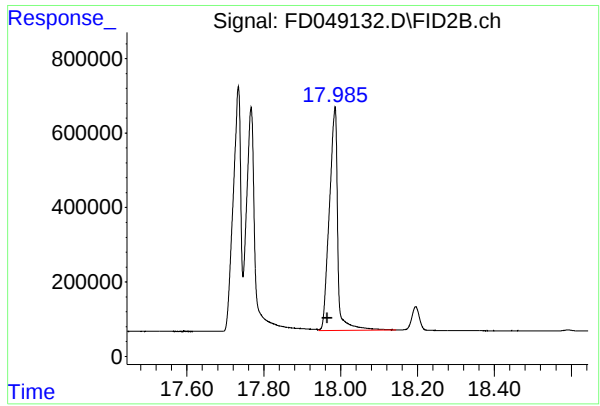
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.734 min
Delta R.T.: 0.016 min
Response: 8949996
Conc: 81.90 ug/ml



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

R.T.: 17.767 min
Delta R.T.: 0.008 min
Response: 9240484
Conc: 59.56 ug/ml



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

R.T.: 17.985 min
Delta R.T.: 0.019 min
Response: 9127178
Conc: 62.97 ug/ml

Instrument :

FID_D

ClientSampleId :

PB166923BSD