

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022825AR\
 Data File : FD049131.D
 Signal(s) : FID2B.ch
 Acq On : 28 Feb 2025 11:37
 Operator : YP/AJ
 Sample : PB166923BS
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB166923BS

Integration File: autoint1.e
 Quant Time: Mar 01 02:17:06 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	8337130	58.257 ug/ml
Spiked Amount 50.000		Recovery =	116.51%
6) S 2-Fluorobiphenyl (SURR)	8.203	5441864	61.901 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	123.80%
11) S ortho-Terphenyl (SURR)	11.237	8579131	53.031 ug/ml
Spiked Amount 50.000		Recovery =	106.06%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.176	7284149	45.739 ug/ml
2) T Naphthalene (C11.7)	5.693	8222037	51.780 ug/ml
3) T 2-Methylnaphthalene (...)	6.739	8074488	51.862 ug/ml
5) T Acenaphthylene (C15.06)	8.005	9136899	56.191 ug/ml
7) T Acenaphthene (C15.5)	8.300	9599893	58.355 ug/ml
8) T Fluorene (C16.55)	9.079	9673508	61.361 ug/ml
9) T Phenanthrene (C19.36)	10.467	9815403	65.132 ug/ml
10) T Anthracene (C19.43)	10.543	9838705	65.145 ug/ml
12) T Fluoranthene (C21.85)	12.273	10212040	66.177 ug/ml
13) T Pyrene (C20.8)	12.566	10018958	65.034 ug/ml
14) T Benzo[a]anthracene (C...	14.437	9485151	72.191 ug/ml
15) T Chrysene (C27.41)	14.479	9302019	57.531 ug/ml
16) T benzo[b]fluoranthene ...	15.987	9472667	68.845 ug/ml
17) T Bnezo[k]fluoranthene ...	16.022	9519915	60.275 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.362	9102339	67.059 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.733	8774948	80.300 ug/ml
20) T Dibenz[a,h]anthracene...	17.767	8997450	57.996 ug/ml
21) T Benzo[g,h,i]perylene ...	17.983	8981700	61.964 ug/ml

(f)=RT Delta > 1/2 Window

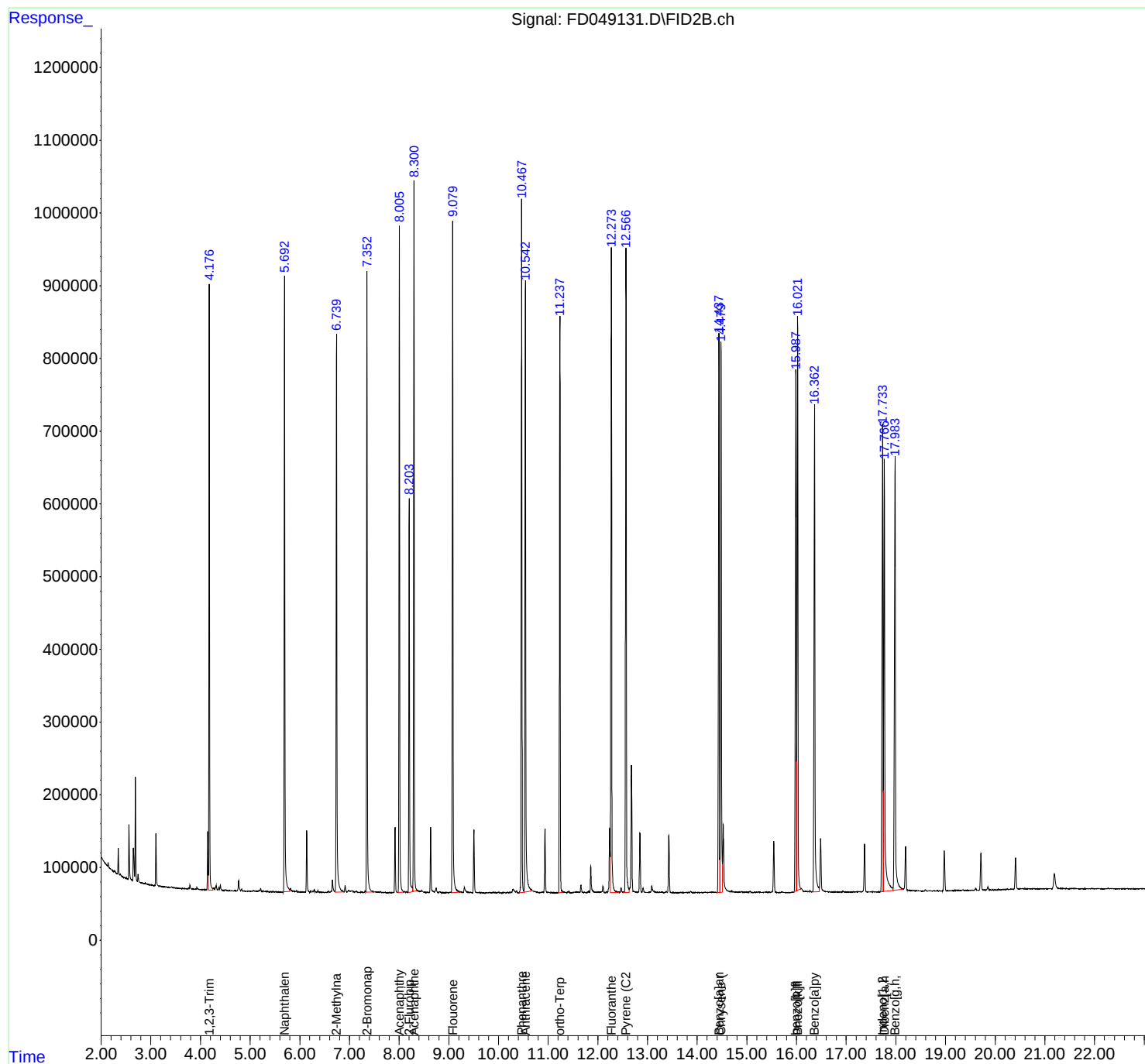
(m)=manual int.

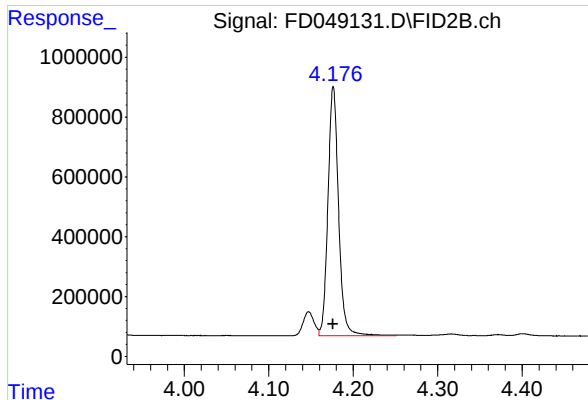
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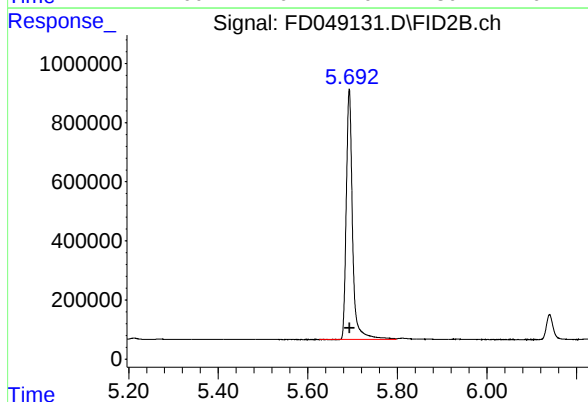




#1 1,2,3-Trimethylbenzene (C10.1)

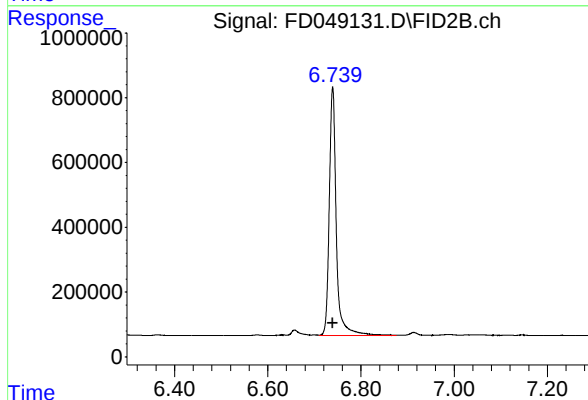
R.T.: 4.176 min
Delta R.T.: 0.000 min
Response: 7284149
Conc: 45.74 ug/ml

Instrument :
FID_D
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PB166923BS



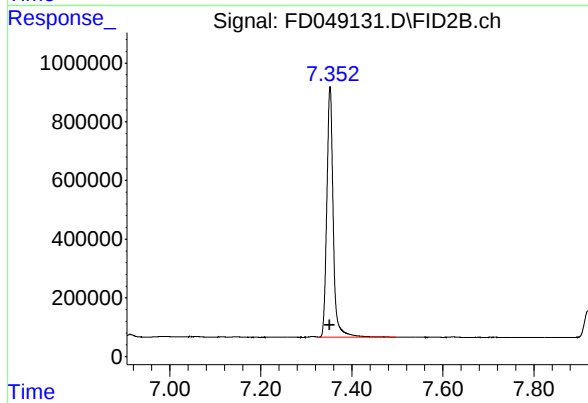
#2 Naphthalene (C11.7)

R.T.: 5.693 min
Delta R.T.: 0.000 min
Response: 8222037
Conc: 51.78 ug/ml



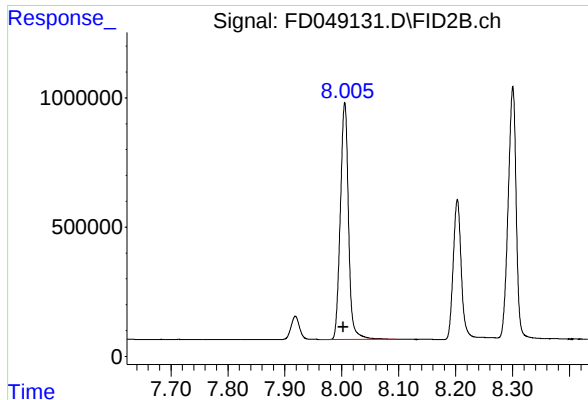
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.739 min
Delta R.T.: 0.000 min
Response: 8074488
Conc: 51.86 ug/ml



#4 2-Bromonaphthalene (SURR)

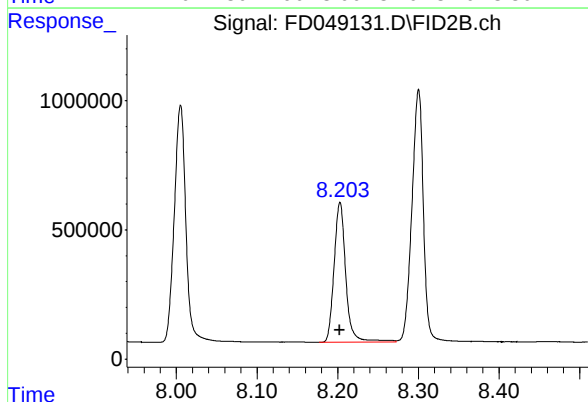
R.T.: 7.352 min
Delta R.T.: 0.000 min
Response: 8337130
Conc: 58.26 ug/ml



#5 Acenaphthylene (C15.06)

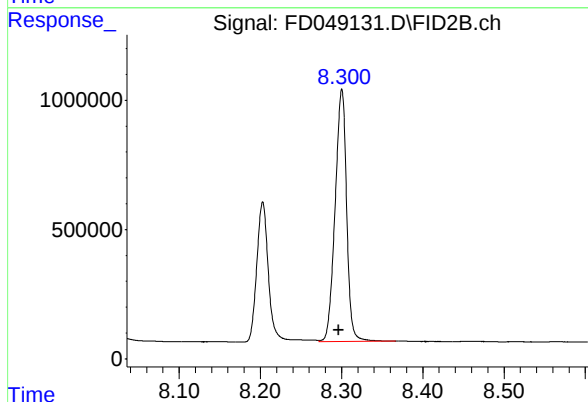
R.T.: 8.005 min
Delta R.T.: 0.002 min
Response: 9136899
Conc: 56.19 ug/ml

Instrument :
FID_D
ClientSampleId :
PB166923BS



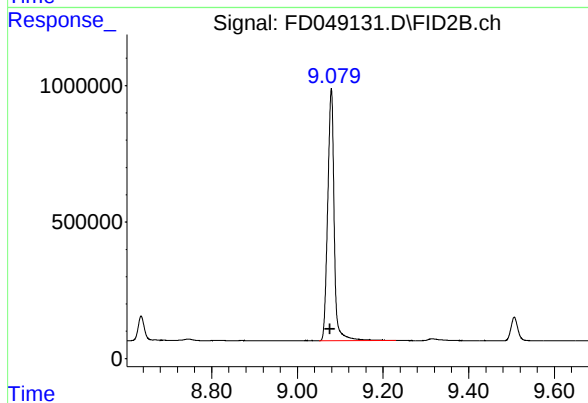
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.203 min
Delta R.T.: 0.000 min
Response: 5441864
Conc: 61.90 ug/ml



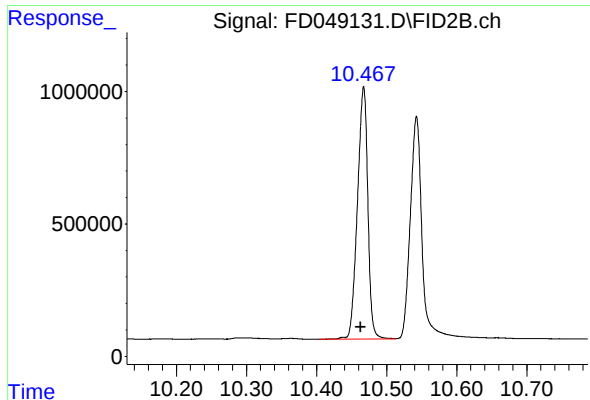
#7 Acenaphthene (C15.5)

R.T.: 8.300 min
Delta R.T.: 0.004 min
Response: 9599893
Conc: 58.35 ug/ml



#8 Flouorene (C16.55)

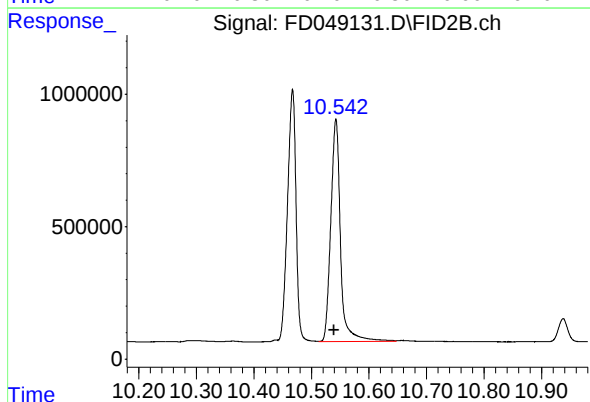
R.T.: 9.079 min
Delta R.T.: 0.003 min
Response: 9673508
Conc: 61.36 ug/ml



#9 Phenanthrene (C19.36)

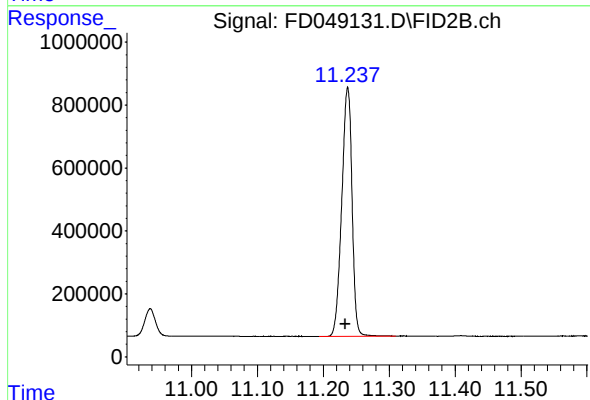
R.T.: 10.467 min
Delta R.T.: 0.004 min
Response: 9815403
Conc: 65.13 ug/ml

Instrument :
FID_D
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PB166923BS



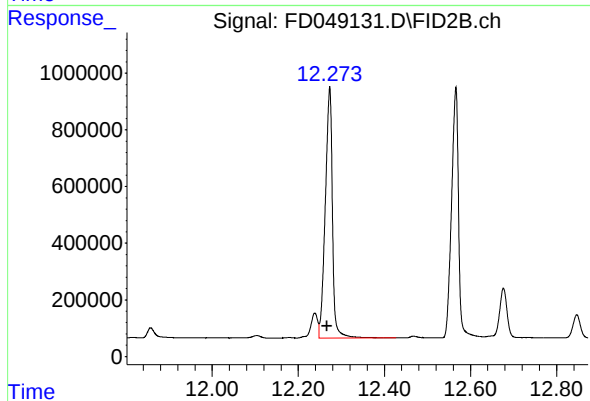
#10 Anthracene (C19.43)

R.T.: 10.543 min
Delta R.T.: 0.003 min
Response: 9838705
Conc: 65.14 ug/ml



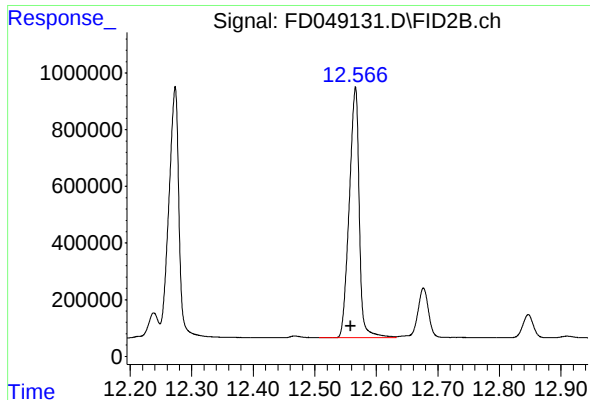
#11 ortho-Terphenyl (SURR)

R.T.: 11.237 min
Delta R.T.: 0.004 min
Response: 8579131
Conc: 53.03 ug/ml



#12 Fluoranthene (C21.85)

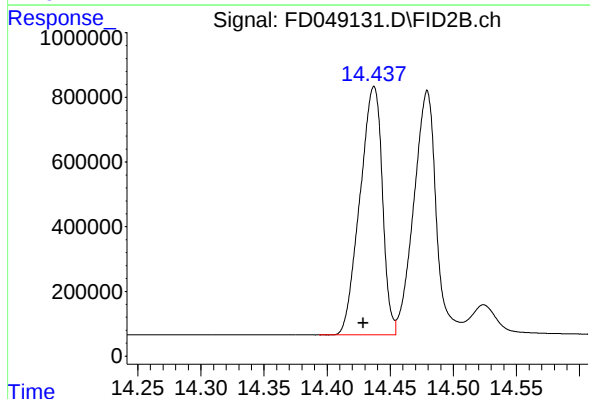
R.T.: 12.273 min
Delta R.T.: 0.006 min
Response: 10212040
Conc: 66.18 ug/ml



#13 Pyrene (C20.8)

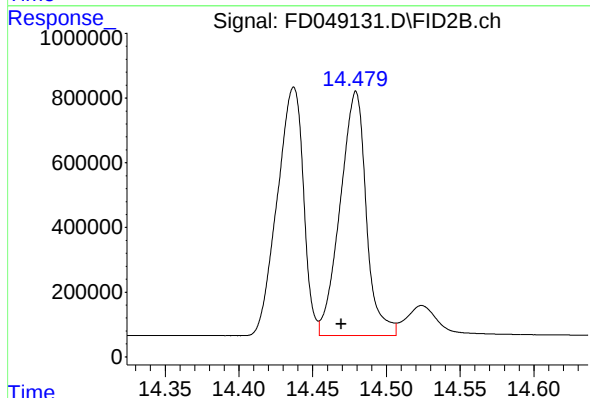
R.T.: 12.566 min
Delta R.T.: 0.008 min
Response: 10018958
Conc: 65.03 ug/ml

Instrument :
FID_D
ClientSampleId :
PB166923BS



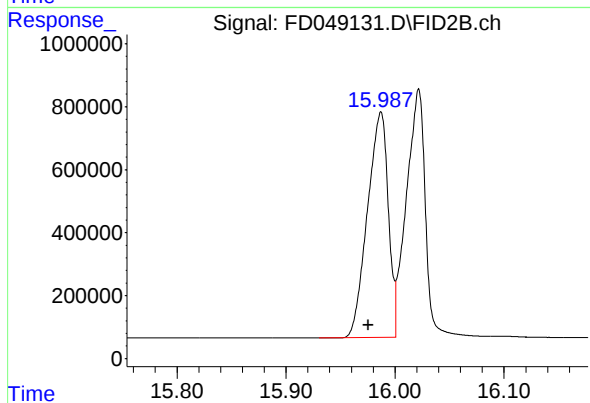
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.437 min
Delta R.T.: 0.009 min
Response: 9485151
Conc: 72.19 ug/ml



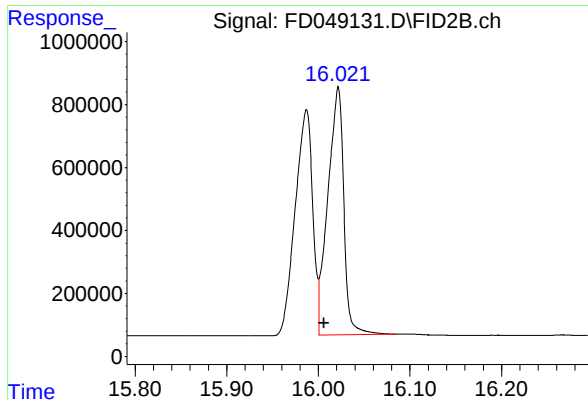
#15 Chrysene (C27.41)

R.T.: 14.479 min
Delta R.T.: 0.010 min
Response: 9302019
Conc: 57.53 ug/ml



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

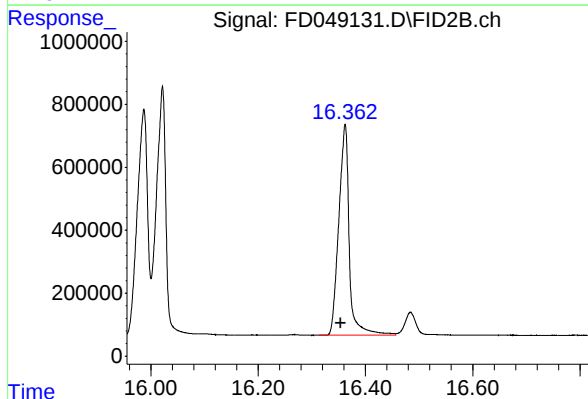
R.T.: 15.987 min
Delta R.T.: 0.011 min
Response: 9472667
Conc: 68.84 ug/ml



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

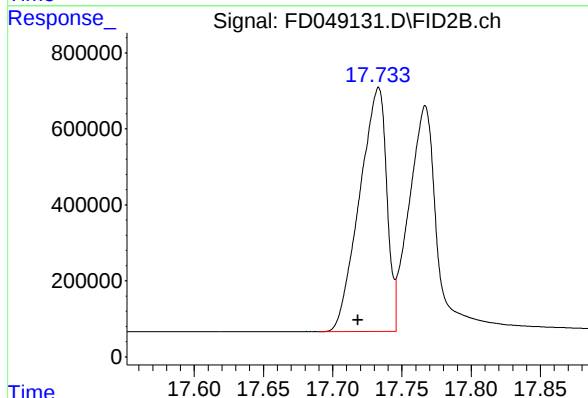
R.T.: 16.022 min
Delta R.T.: 0.015 min
Response: 9519915
Conc: 60.27 ug/ml

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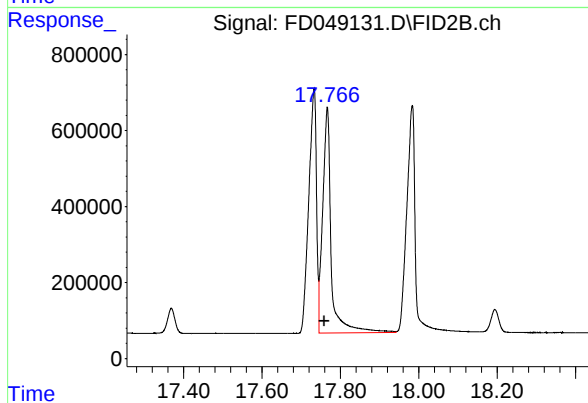
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.362 min
Delta R.T.: 0.009 min
Response: 9102339
Conc: 67.06 ug/ml



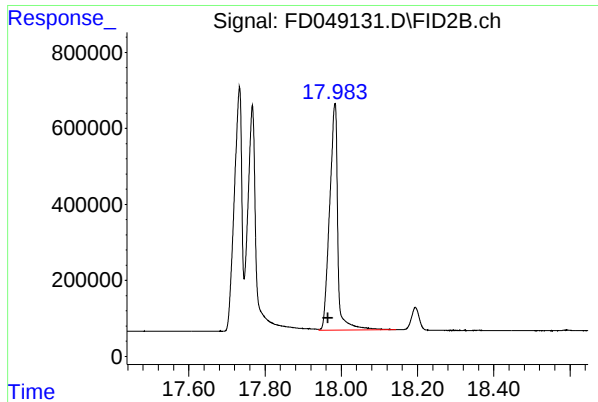
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.733 min
Delta R.T.: 0.015 min
Response: 8774948
Conc: 80.30 ug/ml



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

R.T.: 17.767 min
Delta R.T.: 0.008 min
Response: 8997450
Conc: 58.00 ug/ml



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

R.T.: 17.983 min

Delta R.T.: 0.018 min

Response: 8981700

Conc: 61.96 ug/ml

Instrument :

FID_D

ClientSampleId :

PB166923BS