

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD021323AR\
 Data File : FD045019.D
 Signal(s) : FID2B.ch
 Acq On : 13 Feb 2023 17:51
 Operator : YP/AJ
 Sample : PB150811BSD
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB150811BSD

Integration File: autoint1.e
 Quant Time: Feb 14 00:27:37 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...	7.560	7146113	48.725 ug/ml
Spiked Amount 50.000		Recovery =	97.45%
6) S 2-Fluorobiphenyl (SURR)	8.417	4475788	44.842 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	89.68%
11) S ortho-Terphenyl (SURR)	11.460	7735960	41.623 ug/ml
Spiked Amount 50.000		Recovery =	83.25%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.366	5274562	33.043 ug/ml
2) T Naphthalene (C11.7)	5.898	6062249	35.780 ug/ml
3) T 2-Methylnaphthalene (...)	6.948	6180694	36.027 ug/ml
5) T Acenaphthylene (C15.06)	8.221	6853080	43.611 ug/ml
7) T Acenaphthene (C15.5)	8.517	6991952	42.052 ug/ml
8) T Fluorene (C16.55)	9.297	7106335	43.295 ug/ml
9) T Phenanthrene (C19.36)	10.690	7211533	44.603 ug/ml
10) T Anthracene (C19.43)	10.765	7135503	48.133 ug/ml
12) T Fluoranthene (C21.85)	12.498	7212410	45.066 ug/ml
13) T Pyrene (C20.8)	12.794	7170346	45.695 ug/ml
14) T Benzo[a]anthracene (C...	14.660	6667906	46.719 ug/ml
15) T Chrysene (C27.41)	14.705	6533088	44.124 ug/ml
16) T benzo[b]fluoranthene ...	16.206	6673142	46.000 ug/ml
17) T Bnezo[k]fluoranthene ...	16.241	6246836	43.815 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.583	5877099	42.058 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.943	6245083	46.407 ug/ml
20) T Dibenz[a,h]anthracene...	17.985	5885782	44.415 ug/ml
21) T Benzo[g,h,i]perylene ...	18.201	6111432	44.948 ug/ml

(f)=RT Delta > 1/2 Window

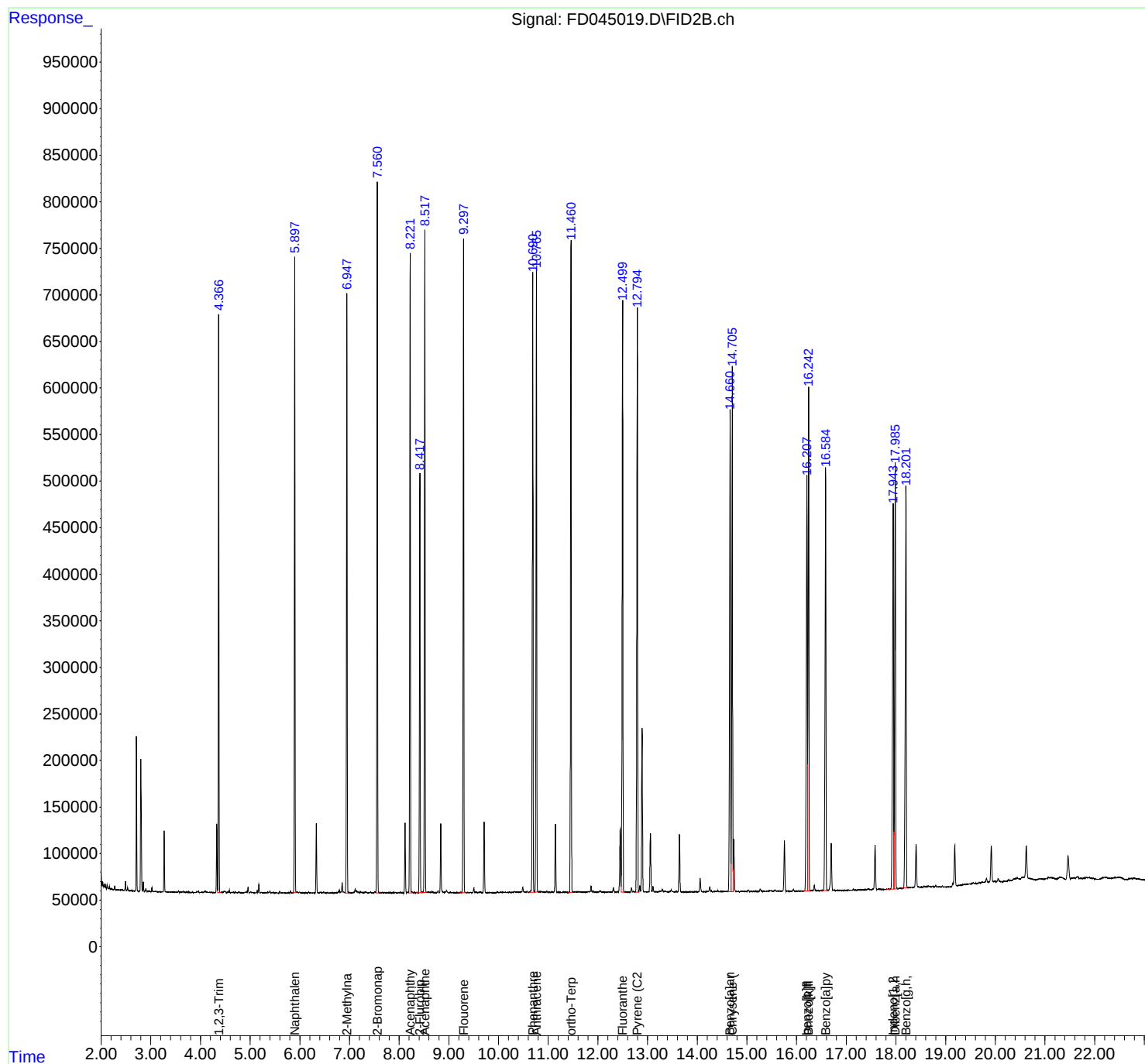
(m)=manual int.

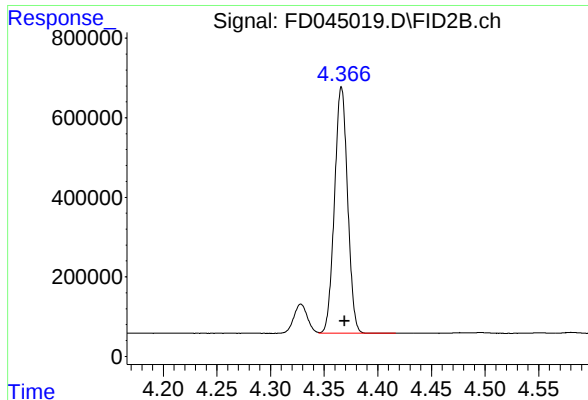
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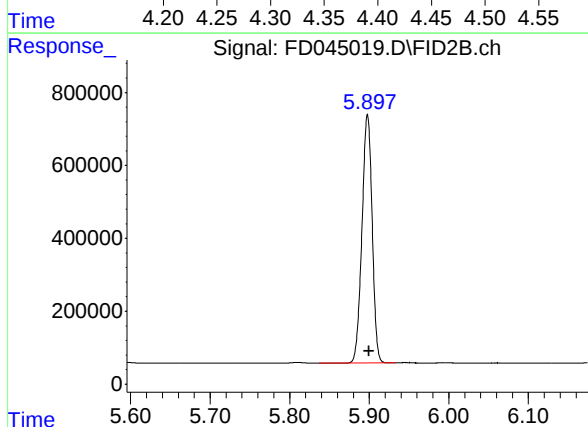




#1 1,2,3-Trimethylbenzene (C10.1)

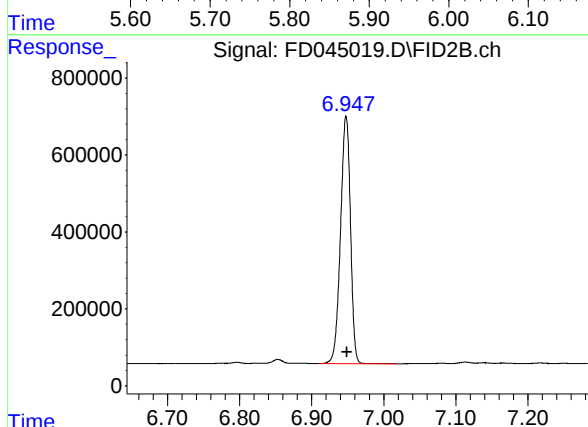
R.T.: 4.366 min
Delta R.T.: -0.003 min
Response: 5274562
Conc: 33.04 ug/ml

Instrument :
FID_D
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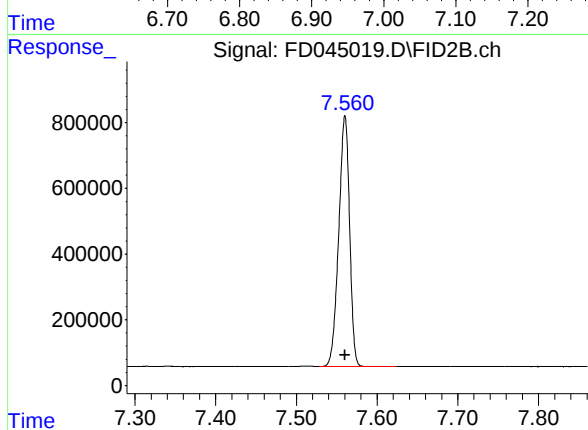
#2 Naphthalene (C11.7)

R.T.: 5.898 min
Delta R.T.: -0.002 min
Response: 6062249
Conc: 35.78 ug/ml



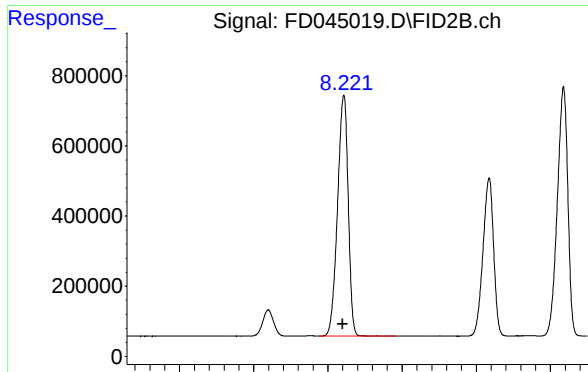
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.948 min
Delta R.T.: 0.000 min
Response: 6180694
Conc: 36.03 ug/ml



#4 2-Bromonaphthalene (SURR)

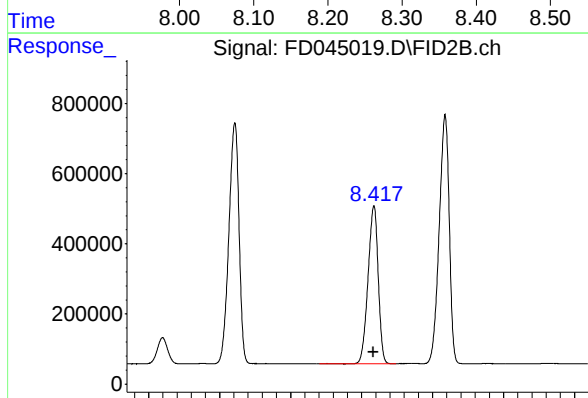
R.T.: 7.560 min
Delta R.T.: 0.000 min
Response: 7146113
Conc: 48.73 ug/ml



#5 Acenaphthylene (C15.06)

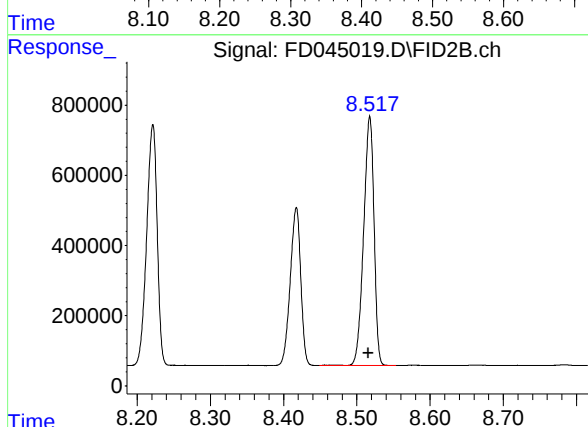
R.T.: 8.221 min
Delta R.T.: 0.000 min
Response: 6853080
Conc: 43.61 ug/ml

Instrument :
FID_D
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PB150811BSD



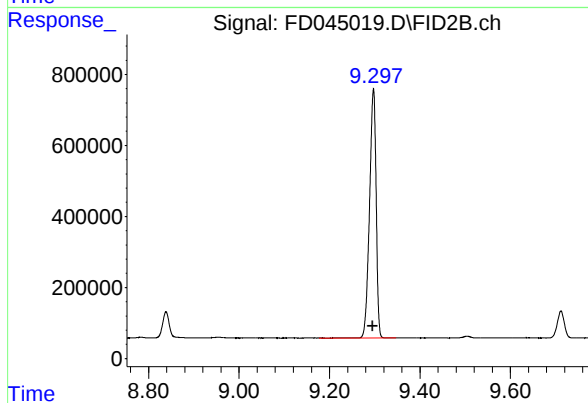
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.417 min
Delta R.T.: 0.000 min
Response: 4475788
Conc: 44.84 ug/ml



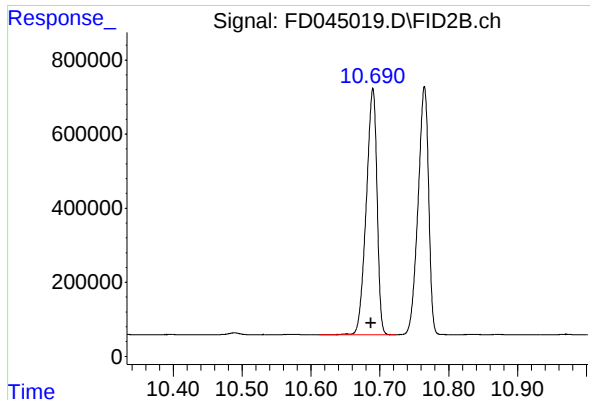
#7 Acenaphthene (C15.5)

R.T.: 8.517 min
Delta R.T.: 0.002 min
Response: 6991952
Conc: 42.05 ug/ml



#8 Flouorene (C16.55)

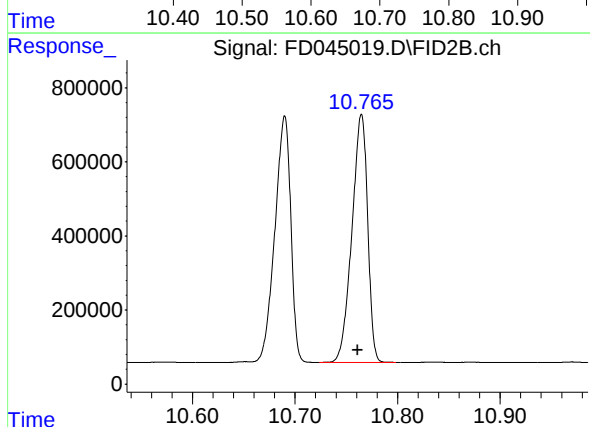
R.T.: 9.297 min
Delta R.T.: 0.002 min
Response: 7106335
Conc: 43.30 ug/ml



#9 Phenanthrene (C19.36)

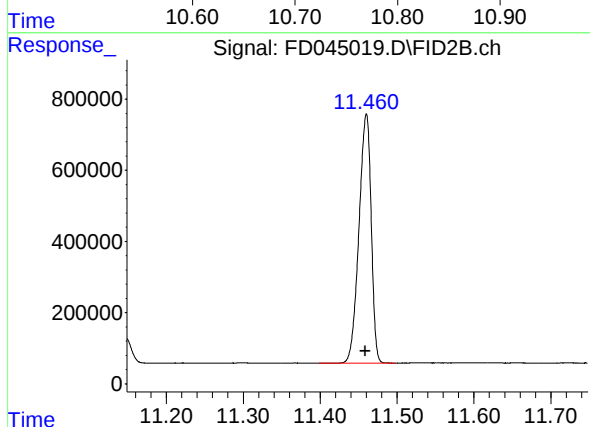
R.T.: 10.690 min
Delta R.T.: 0.002 min
Response: 7211533
Conc: 44.60 ug/ml

Instrument :
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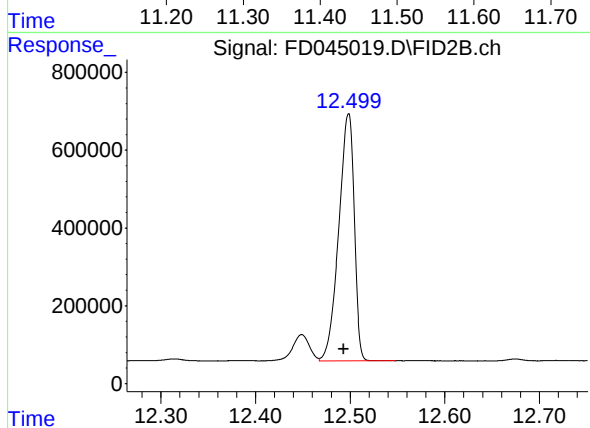
#10 Anthracene (C19.43)

R.T.: 10.765 min
Delta R.T.: 0.004 min
Response: 7135503
Conc: 48.13 ug/ml



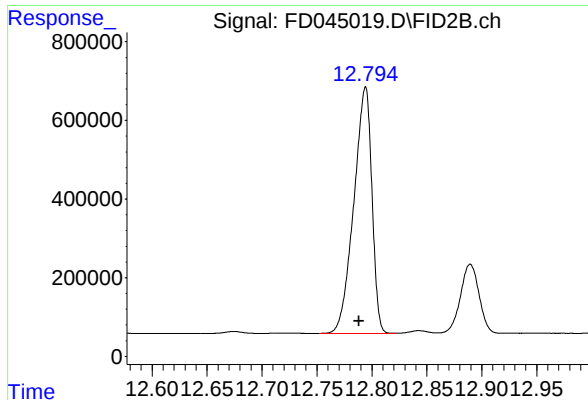
#11 ortho-Terphenyl (SURR)

R.T.: 11.460 min
Delta R.T.: 0.000 min
Response: 7735960
Conc: 41.62 ug/ml



#12 Fluoranthene (C21.85)

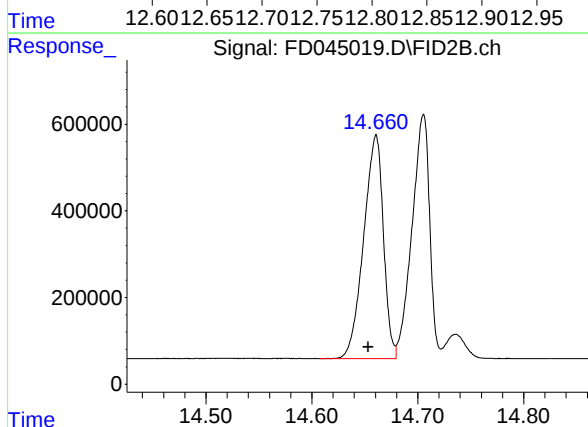
R.T.: 12.498 min
Delta R.T.: 0.005 min
Response: 7212410
Conc: 45.07 ug/ml



#13 Pyrene (C20.8)

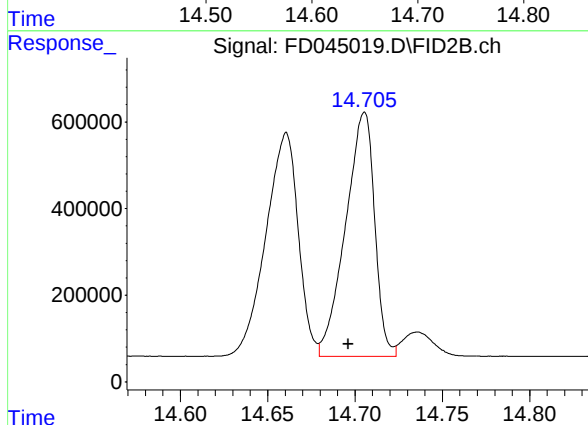
R.T.: 12.794 min
Delta R.T.: 0.005 min
Response: 7170346
Conc: 45.70 ug/ml

Instrument :
FID_D
ClientSampleId :
PB150811BSD



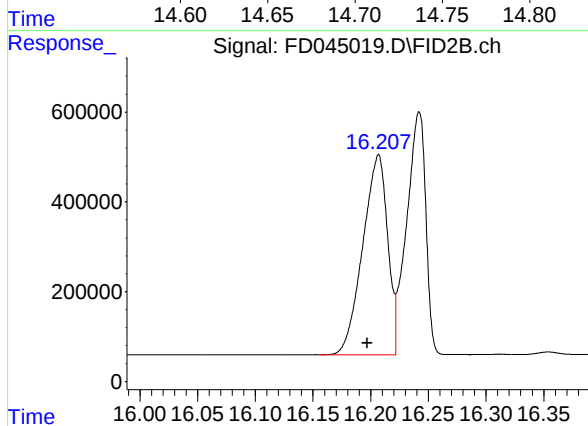
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.660 min
Delta R.T.: 0.007 min
Response: 6667906
Conc: 46.72 ug/ml



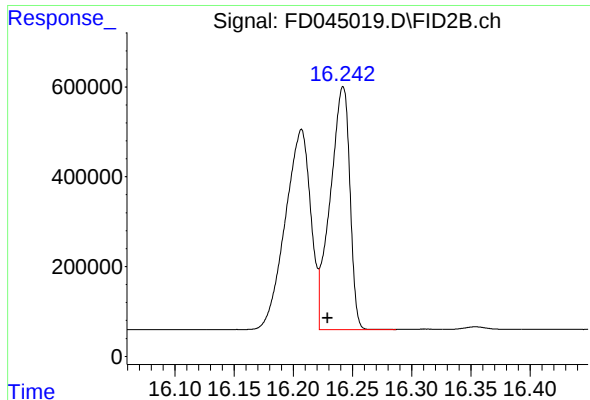
#15 Chrysene (C27.41)

R.T.: 14.705 min
Delta R.T.: 0.009 min
Response: 6533088
Conc: 44.12 ug/ml



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

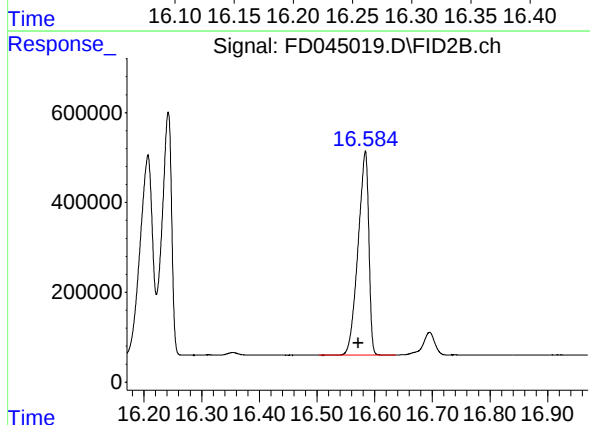
R.T.: 16.206 min
Delta R.T.: 0.009 min
Response: 6673142
Conc: 46.00 ug/ml



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

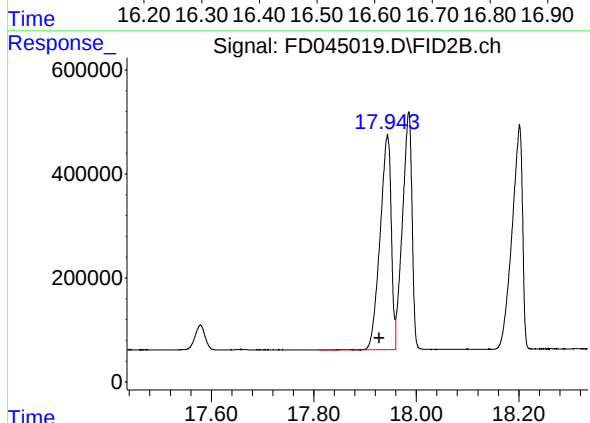
R.T.: 16.241 min
Delta R.T.: 0.012 min
Response: 6246836
Conc: 43.82 ug/ml

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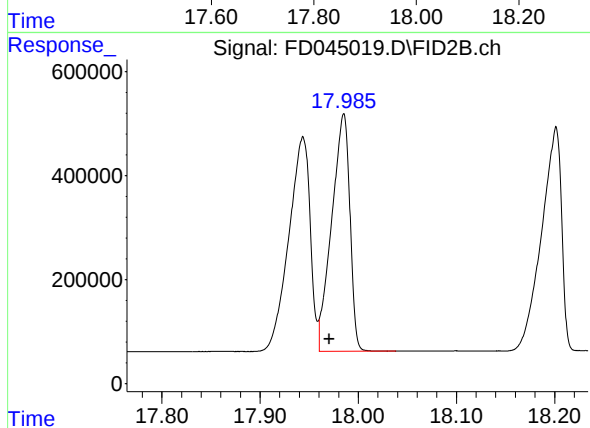
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.583 min
Delta R.T.: 0.011 min
Response: 5877099
Conc: 42.06 ug/ml



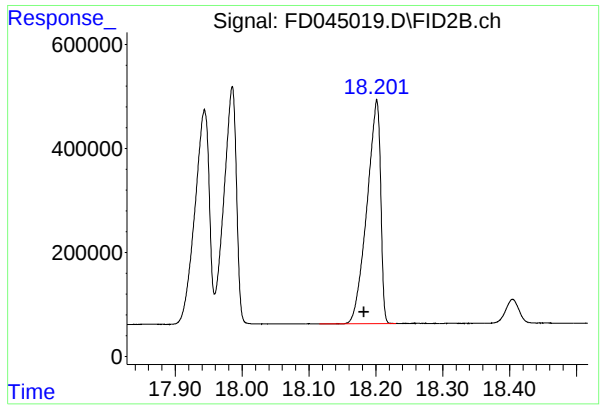
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.943 min
Delta R.T.: 0.015 min
Response: 6245083
Conc: 46.41 ug/ml



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

R.T.: 17.985 min
Delta R.T.: 0.014 min
Response: 5885782
Conc: 44.41 ug/ml



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

R.T.: 18.201 min

Delta R.T.: 0.018 min

Response: 6111432

Conc: 44.95 ug/ml

Instrument :

FID_D

ClientSampleId :

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