

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030923AR\
 Data File : FD045248.D
 Signal(s) : FID2B.ch
 Acq On : 09 Mar 2023 18:24
 Operator : YP/AJ
 Sample : PB151328BSD
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB151328BSD

Integration File: autoint1.e
 Quant Time: Mar 10 00:44:05 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030123.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 01 16:43:59 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...	7.551	6717680	49.501 ug/ml
Spiked Amount 50.000		Recovery =	99.00%
6) S 2-Fluorobiphenyl (SURR)	8.407	4003257	44.712 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	89.42%
11) S ortho-Terphenyl (SURR)	11.449	6793011	40.810 ug/ml
Spiked Amount 50.000		Recovery =	81.62%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.355	5090641	33.613 ug/ml
2) T Naphthalene (C11.7)	5.888	5755421	36.432 ug/ml
3) T 2-Methylnaphthalene (...)	6.939	5722459	36.009 ug/ml
5) T Acenaphthylene (C15.06)	8.212	6050084	42.194 ug/ml
7) T Acenaphthene (C15.5)	8.508	6071617	40.058 ug/ml
8) T Fluorene (C16.55)	9.287	6149144	41.765 ug/ml
9) T Phenanthrene (C19.36)	10.679	6288255	44.043 ug/ml
10) T Anthracene (C19.43)	10.753	6137801	43.801 ug/ml
12) T Fluoranthene (C21.85)	12.484	6365926	45.572 ug/ml
13) T Pyrene (C20.8)	12.780	6310376	46.339 ug/ml
14) T Benzo[a]anthracene (C...	14.645	5934730	46.556 ug/ml
15) T Chrysene (C27.41)	14.689	5926199	45.471 ug/ml
16) T benzo[b]fluoranthene ...	16.189	6002378	46.559 ug/ml
17) T Bnezo[k]fluoranthene ...	16.224	5690203	45.077 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.564	5322015	42.286 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.923	5597758	46.793 ug/ml
20) T Dibenz[a,h]anthracene...	17.965	5237338	43.419 ug/ml
21) T Benzo[g,h,i]perylene ...	18.179	5527009	44.421 ug/ml

(f)=RT Delta > 1/2 Window

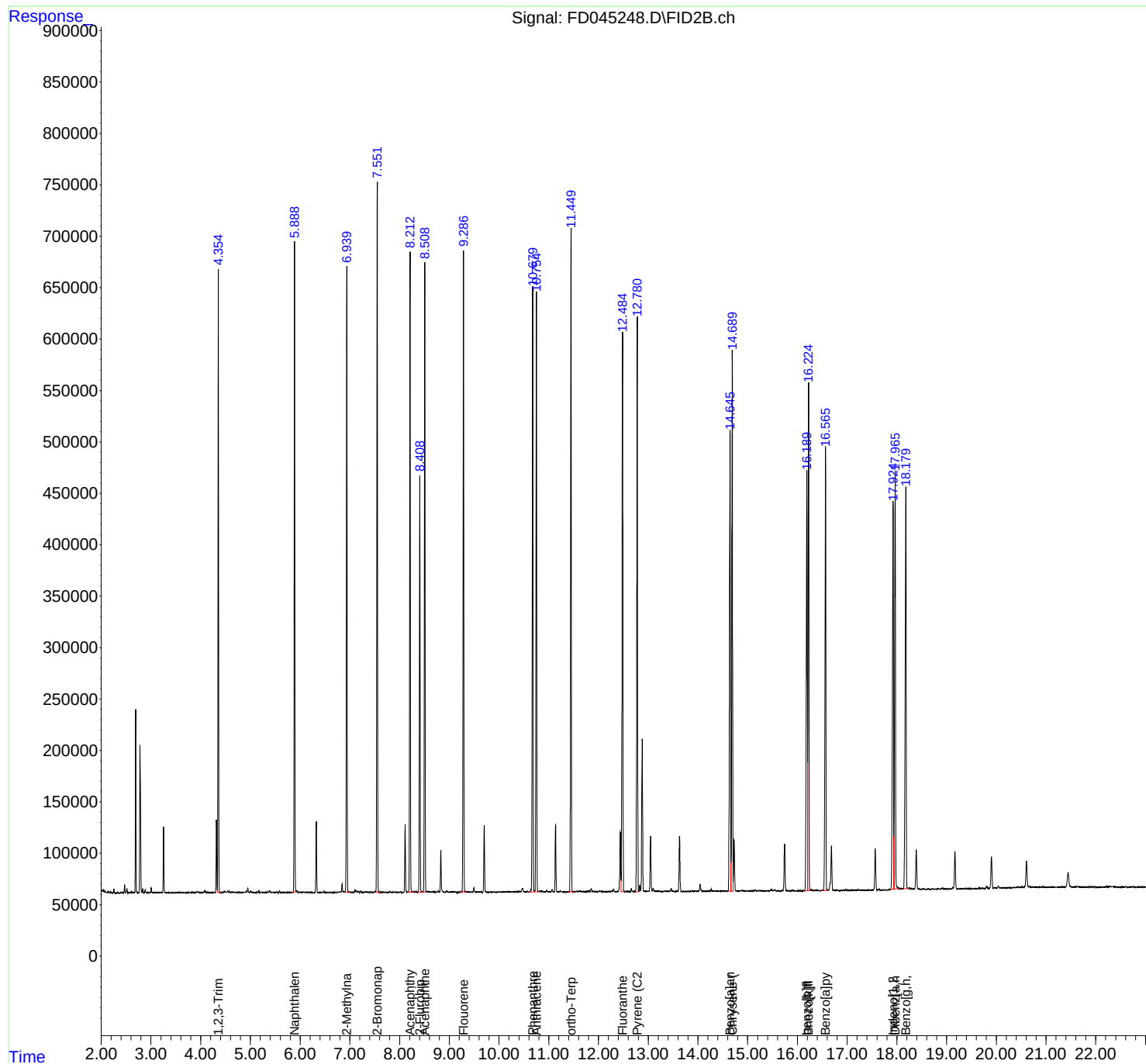
(m)=manual int.

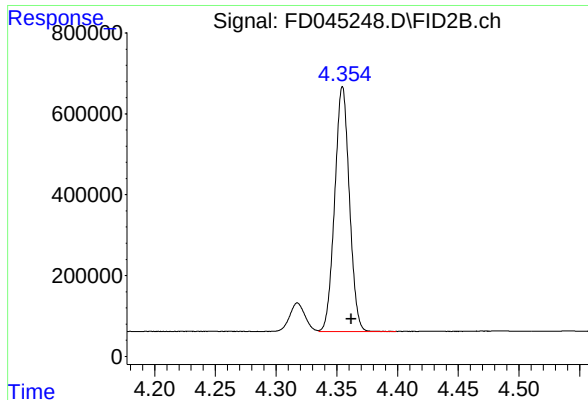
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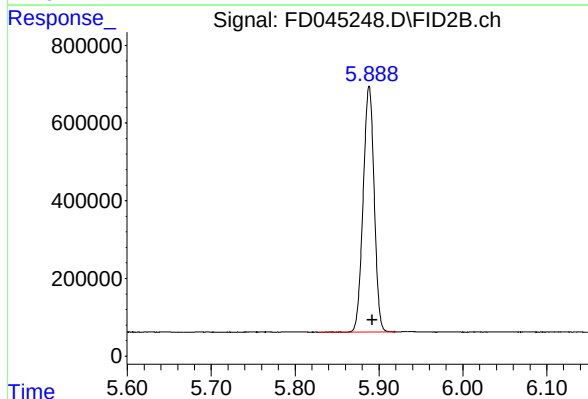




#1 1,2,3-Trimethylbenzene (C10.1)

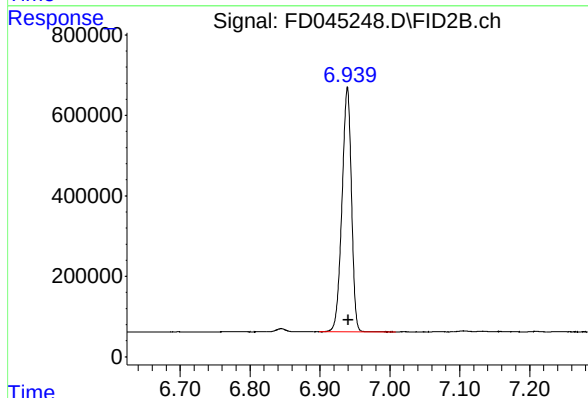
R.T.: 4.355 min
Delta R.T.: -0.007 min
Response: 5090641
Conc: 33.61 ug/ml

Instrument :
FID_D
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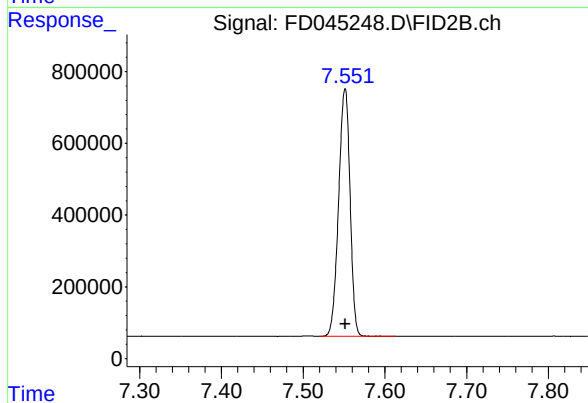
#2 Naphthalene (C11.7)

R.T.: 5.888 min
Delta R.T.: -0.004 min
Response: 5755421
Conc: 36.43 ug/ml



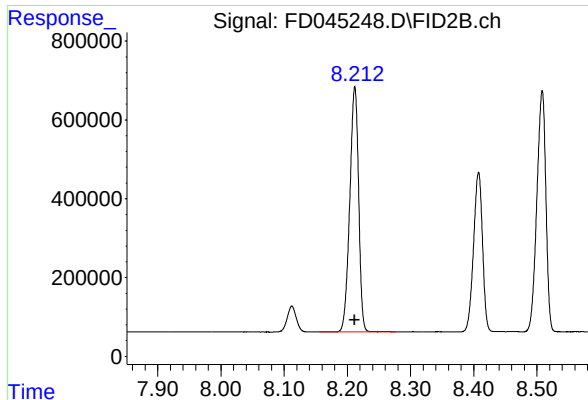
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.939 min
Delta R.T.: -0.001 min
Response: 5722459
Conc: 36.01 ug/ml



#4 2-Bromonaphthalene (SURR)

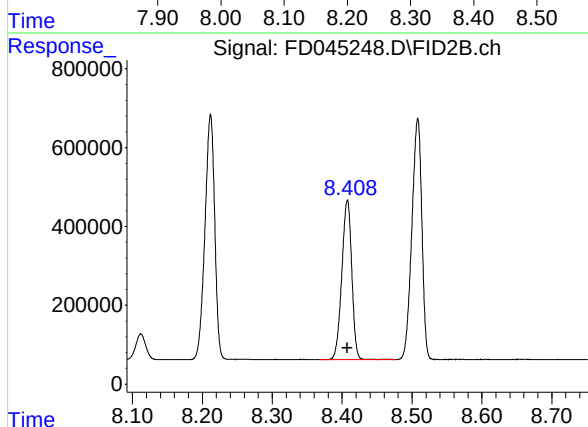
R.T.: 7.551 min
Delta R.T.: 0.000 min
Response: 6717680
Conc: 49.50 ug/ml



#5 Acenaphthylene (C15.06)

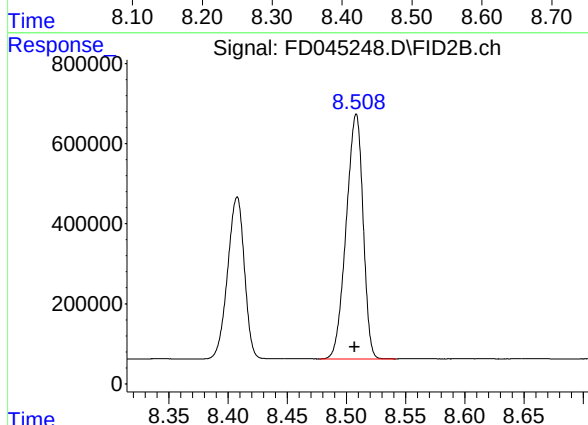
R.T.: 8.212 min
Delta R.T.: 0.000 min
Response: 6050084
Conc: 42.19 ug/ml

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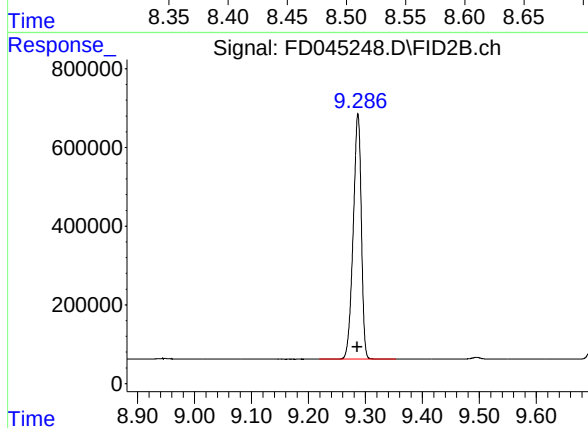
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.407 min
Delta R.T.: 0.000 min
Response: 4003257
Conc: 44.71 ug/ml



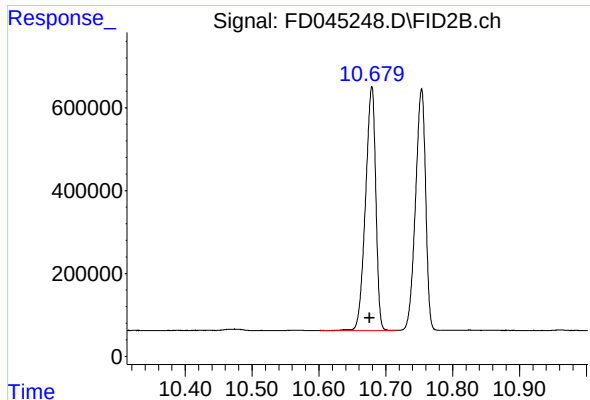
#7 Acenaphthene (C15.5)

R.T.: 8.508 min
Delta R.T.: 0.000 min
Response: 6071617
Conc: 40.06 ug/ml



#8 Flouorene (C16.55)

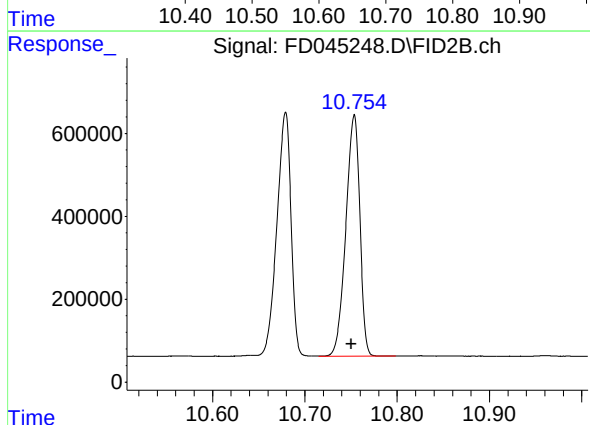
R.T.: 9.287 min
Delta R.T.: 0.001 min
Response: 6149144
Conc: 41.77 ug/ml



#9 Phenanthrene (C19.36)

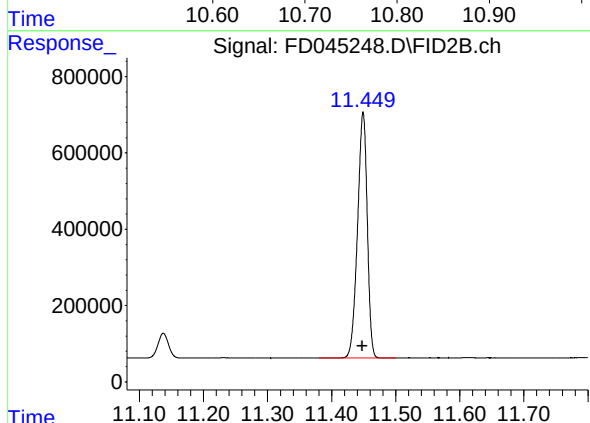
R.T.: 10.679 min
Delta R.T.: 0.003 min
Response: 6288255
Conc: 44.04 ug/ml

Instrument :
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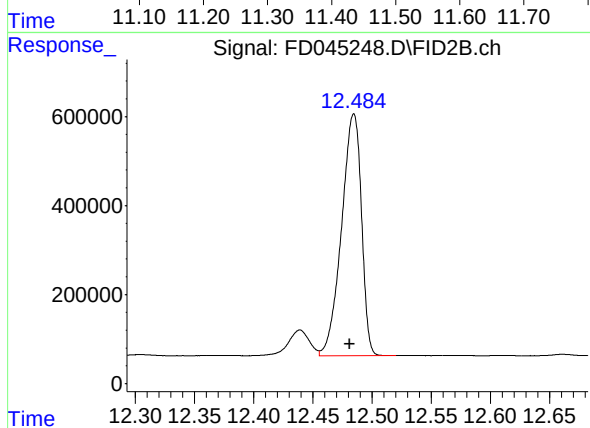
#10 Anthracene (C19.43)

R.T.: 10.753 min
Delta R.T.: 0.003 min
Response: 6137801
Conc: 43.80 ug/ml



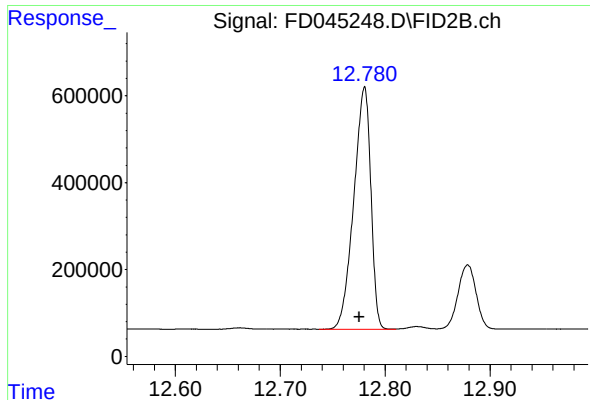
#11 ortho-Terphenyl (SURR)

R.T.: 11.449 min
Delta R.T.: 0.001 min
Response: 6793011
Conc: 40.81 ug/ml



#12 Fluoranthene (C21.85)

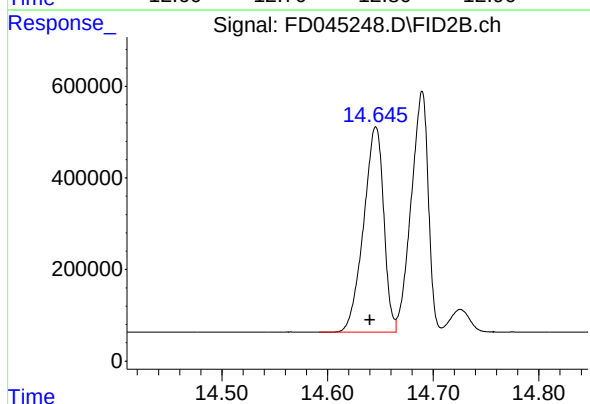
R.T.: 12.484 min
Delta R.T.: 0.003 min
Response: 6365926
Conc: 45.57 ug/ml



#13 Pyrene (C20.8)

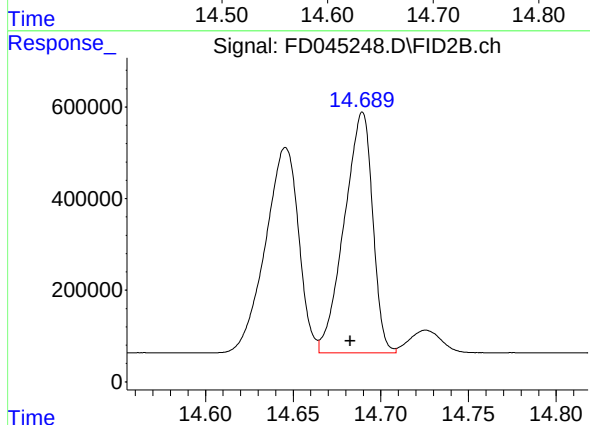
R.T.: 12.780 min
Delta R.T.: 0.004 min
Response: 6310376
Conc: 46.34 ug/ml

Instrument :
FID_D
ClientSampleId :
PB151328BSD



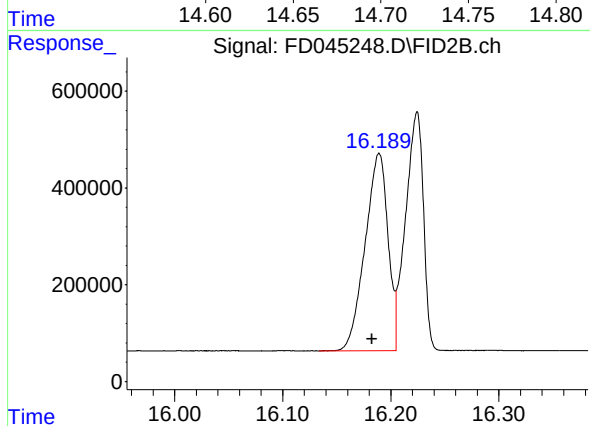
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.645 min
Delta R.T.: 0.005 min
Response: 5934730
Conc: 46.56 ug/ml



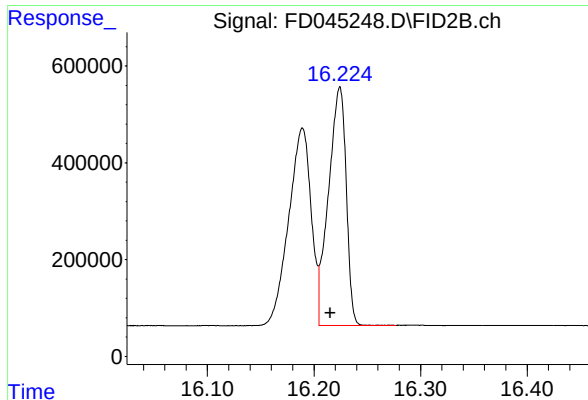
#15 Chrysene (C27.41)

R.T.: 14.689 min
Delta R.T.: 0.006 min
Response: 5926199
Conc: 45.47 ug/ml



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

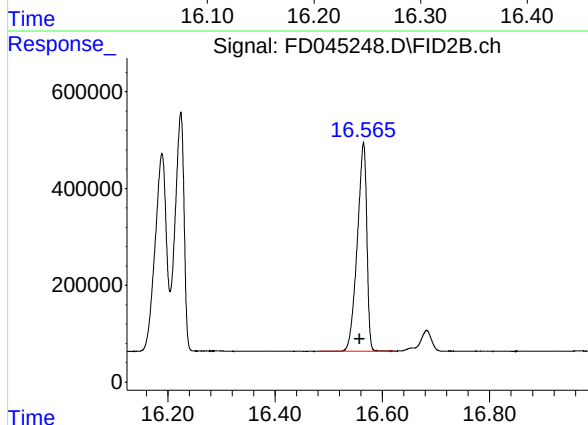
R.T.: 16.189 min
Delta R.T.: 0.006 min
Response: 6002378
Conc: 46.56 ug/ml



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

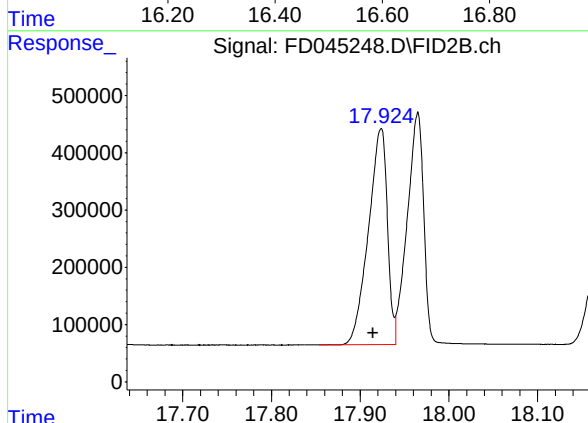
R.T.: 16.224 min
Delta R.T.: 0.008 min
Response: 5690203
Conc: 45.08 ug/ml

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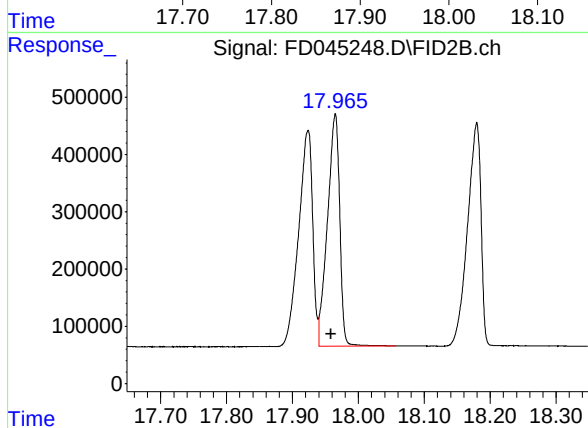
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.564 min
Delta R.T.: 0.007 min
Response: 5322015
Conc: 42.29 ug/ml



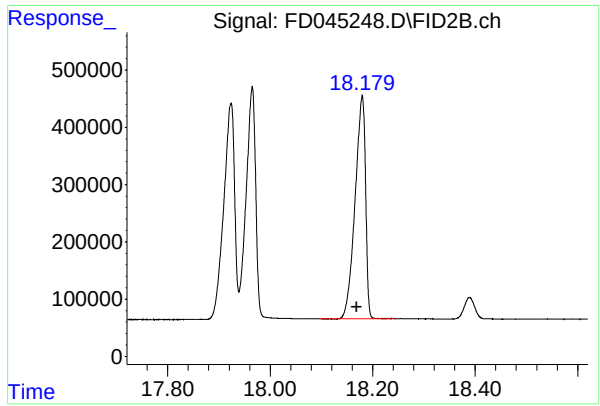
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.923 min
Delta R.T.: 0.009 min
Response: 5597758
Conc: 46.79 ug/ml



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

R.T.: 17.965 min
Delta R.T.: 0.006 min
Response: 5237338
Conc: 43.42 ug/ml



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

R.T.: 18.179 min

Delta R.T.: 0.011 min

Response: 5527009

Conc: 44.42 ug/ml

Instrument :

FID_D

ClientSampleId :

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