

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD011623AR\
 Data File : FD044812.D
 Signal(s) : FID2B.ch
 Acq On : 16 Jan 2023 19:10
 Operator : YP/AJ
 Sample : PB150263BSD
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB150263BSD

Integration File: autoint1.e
 Quant Time: Jan 17 01:28:35 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 122422.M
 Quant Title : GC Extractables
 QLast Update : Sun Dec 25 17:15:10 2022
 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...	7.659	7016320	48.656 ug/ml
Spiked Amount 50.000		Recovery =	97.31%
6) S 2-Fluorobiphenyl (SURR)	8.516	4606146	47.451 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	94.90%
11) S ortho-Terphenyl (SURR)	11.545	7253837	40.261 ug/ml
Spiked Amount 50.000		Recovery =	80.52%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.481	5697343	35.410 ug/ml
2) T Naphthalene (C11.7)	6.007	6133096	36.541 ug/ml
3) T 2-Methylnaphthalene (...)	7.052	6210869	36.939 ug/ml
5) T Acenaphthylene (C15.06)	8.320	6612161	43.595 ug/ml
7) T Acenaphthene (C15.5)	8.615	6731702	41.526 ug/ml
8) T Flouorene (C16.55)	9.391	6833371	42.875 ug/ml
9) T Phenanthrene (C19.36)	10.780	6943142	44.242 ug/ml
10) T Anthracene (C19.43)	10.855	6861659	54.566 ug/ml
12) T Fluoranthene (C21.85)	12.583	6995218	44.546 ug/ml
13) T Pyrene (C20.8)	12.879	7016277	45.833 ug/ml
14) T Benzo[a]anthracene (C...	14.741	6697276	47.101 ug/ml
15) T Chrysene (C27.41)	14.784	7548573	49.780 ug/ml
16) T benzo[b]fluoranthene ...	16.281	6641429	44.160 ug/ml
17) T Bnezo[k]fluoranthene ...	16.315	6226875	41.100 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.658	5896524	40.642 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.014	5632596	39.830 ug/ml
20) T Dibenz[a,h]anthracene...	18.054	5539807	37.792 ug/ml
21) T Benzo[g,h,i]perylene ...	18.268	5682301	40.000 ug/ml

(f)=RT Delta > 1/2 Window

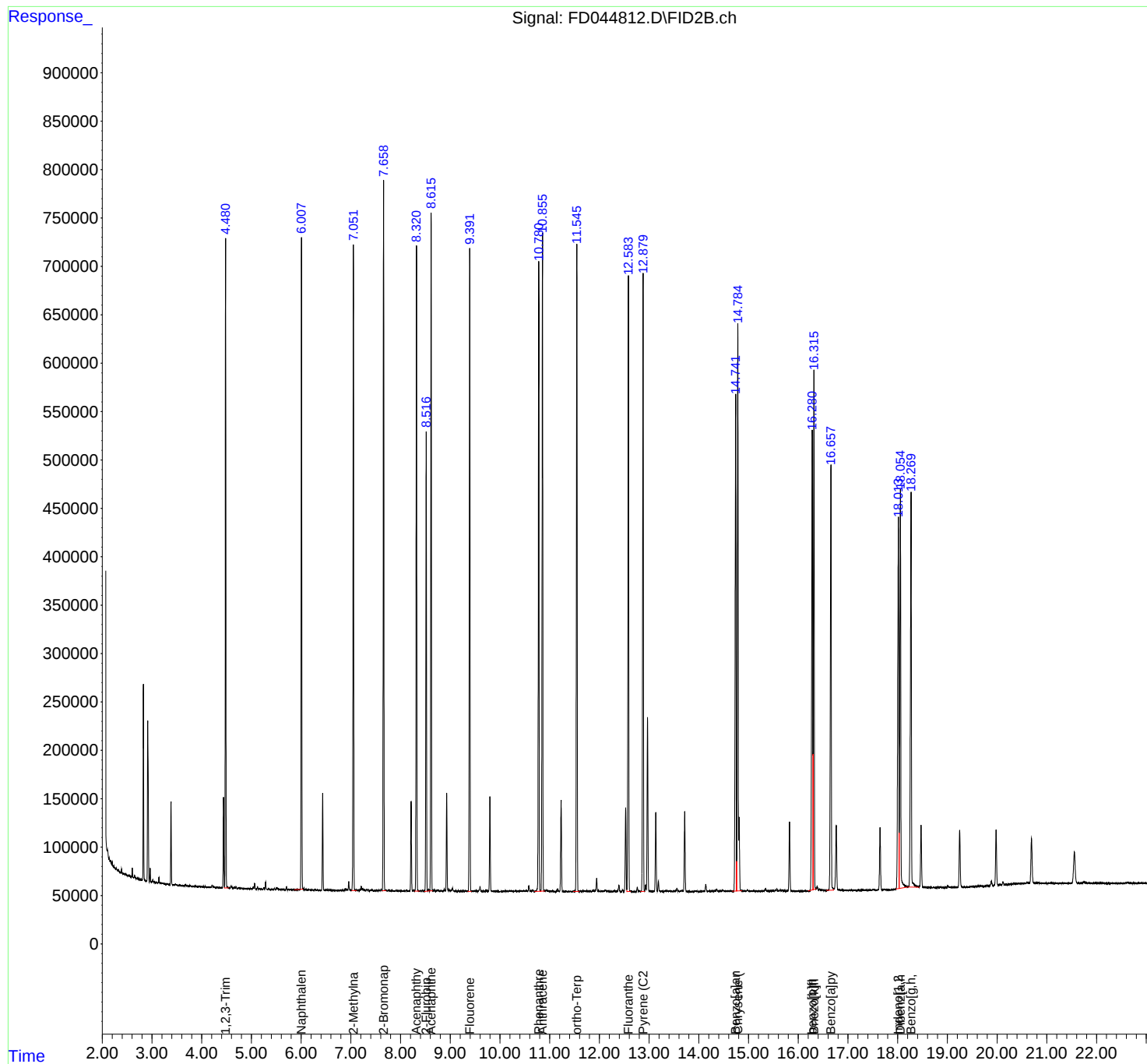
(m)=manual int.

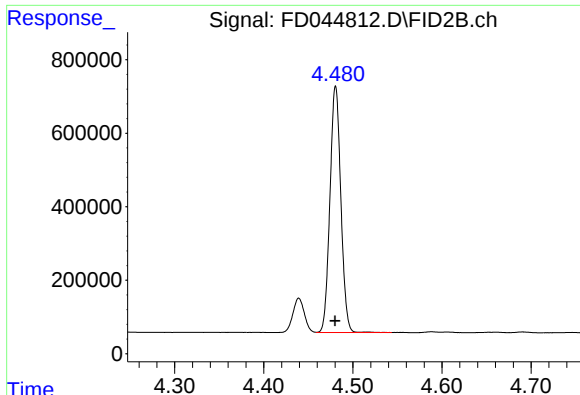
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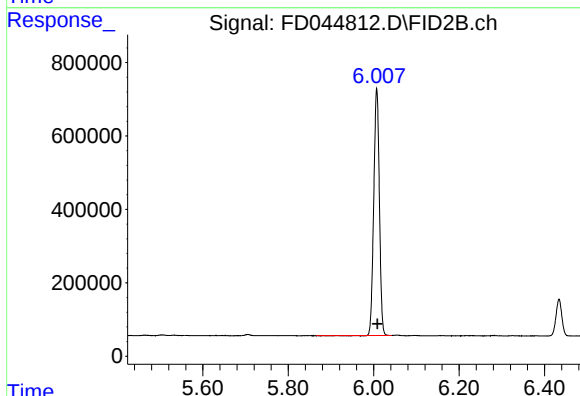




#1 1,2,3-Trimethylbenzene (C10.1)

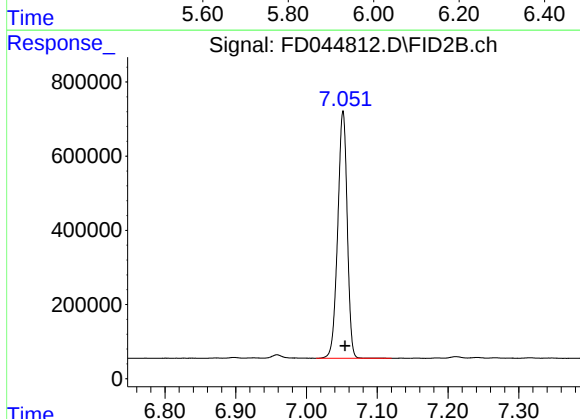
R.T.: 4.481 min
Delta R.T.: 0.000 min
Response: 5697343
Conc: 35.41 ug/ml

Instrument :
FID_D
ClientSampleId :
PB150263BSD



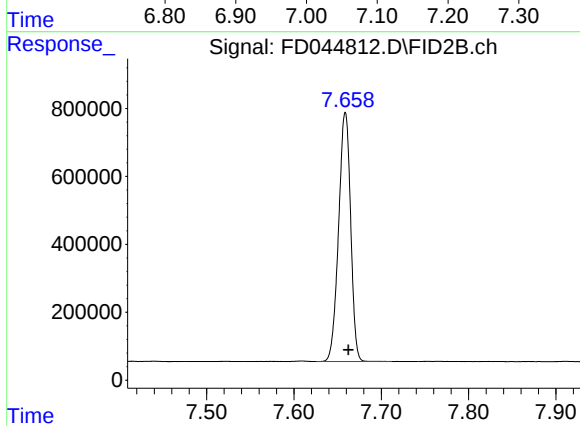
#2 Naphthalene (C11.7)

R.T.: 6.007 min
Delta R.T.: -0.002 min
Response: 6133096
Conc: 36.54 ug/ml



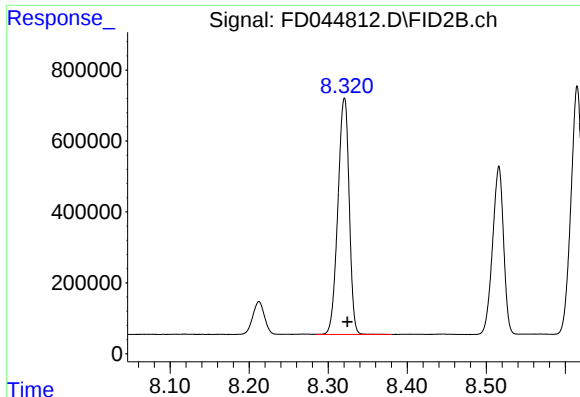
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.052 min
Delta R.T.: -0.003 min
Response: 6210869
Conc: 36.94 ug/ml



#4 2-Bromonaphthalene (SURR)

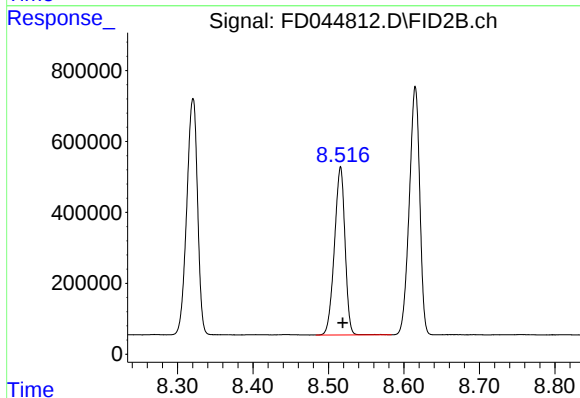
R.T.: 7.659 min
Delta R.T.: -0.004 min
Response: 7016320
Conc: 48.66 ug/ml



#5 Acenaphthylene (C15.06)

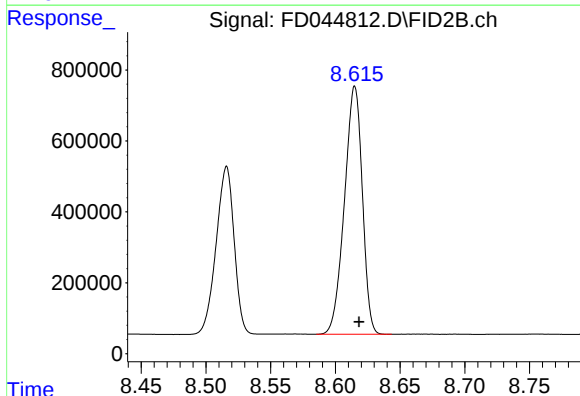
R.T.: 8.320 min
Delta R.T.: -0.004 min
Response: 6612161
Conc: 43.59 ug/ml

Instrument :
FID_D
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PB150263BSD



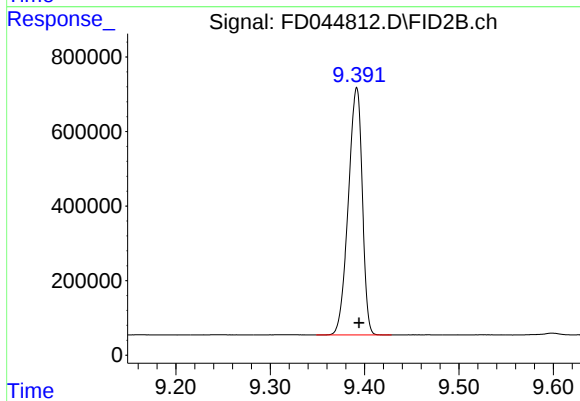
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.516 min
Delta R.T.: -0.003 min
Response: 4606146
Conc: 47.45 ug/ml



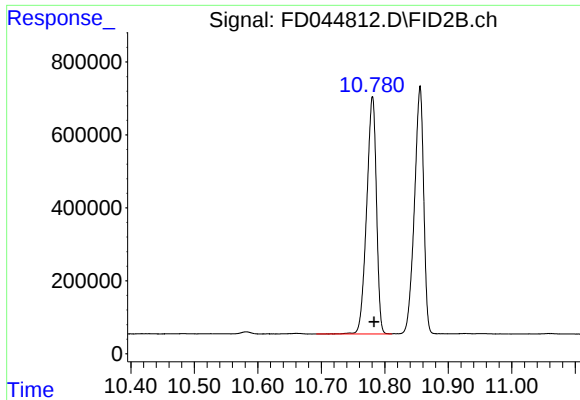
#7 Acenaphthene (C15.5)

R.T.: 8.615 min
Delta R.T.: -0.003 min
Response: 6731702
Conc: 41.53 ug/ml



#8 Flouorene (C16.55)

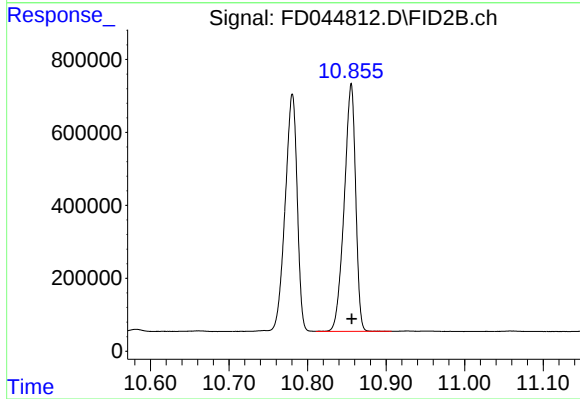
R.T.: 9.391 min
Delta R.T.: -0.003 min
Response: 6833371
Conc: 42.88 ug/ml



#9 Phenanthrene (C19.36)

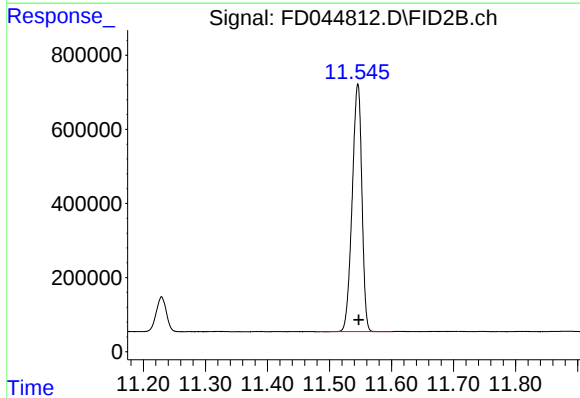
R.T.: 10.780 min
Delta R.T.: -0.003 min
Response: 6943142
Conc: 44.24 ug/ml

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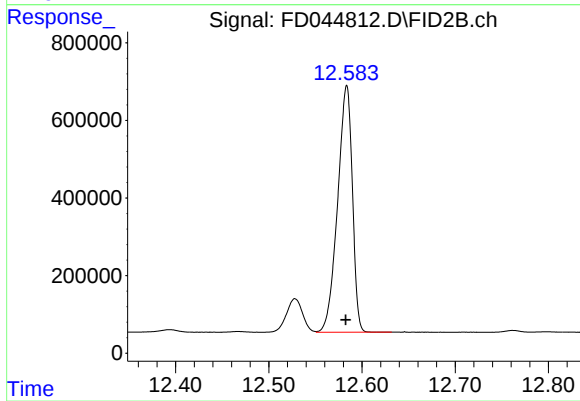
#10 Anthracene (C19.43)

R.T.: 10.855 min
Delta R.T.: 0.000 min
Response: 6861659
Conc: 54.57 ug/ml



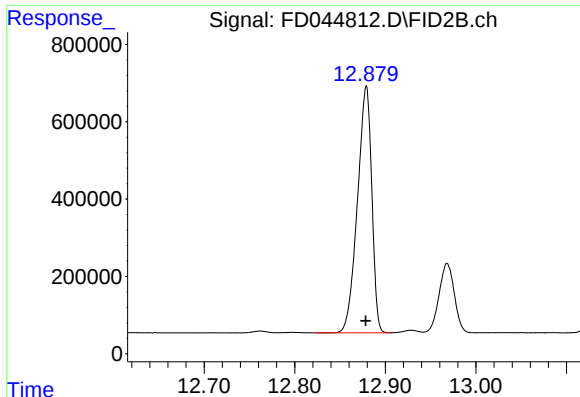
#11 ortho-Terphenyl (SURR)

R.T.: 11.545 min
Delta R.T.: -0.002 min
Response: 7253837
Conc: 40.26 ug/ml



#12 Fluoranthene (C21.85)

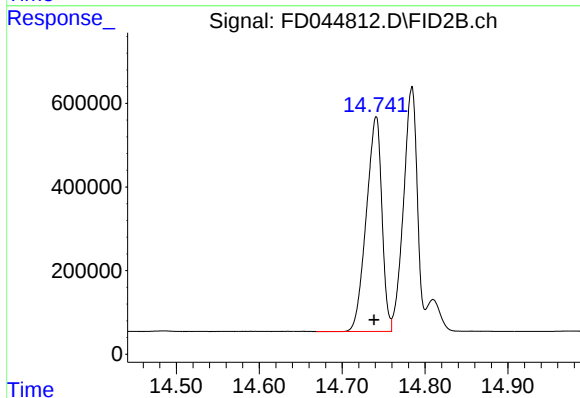
R.T.: 12.583 min
Delta R.T.: 0.000 min
Response: 6995218
Conc: 44.55 ug/ml



#13 Pyrene (C20.8)

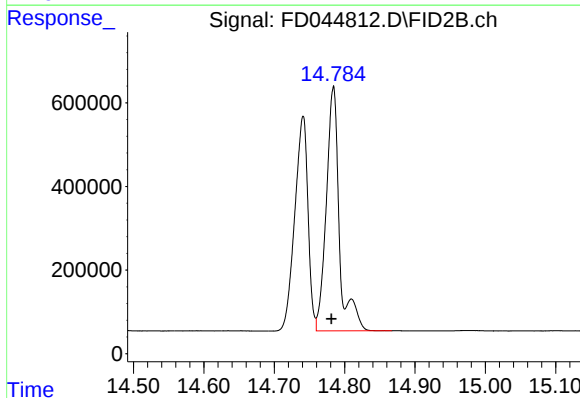
R.T.: 12.879 min
Delta R.T.: 0.000 min
Response: 7016277
Conc: 45.83 ug/ml

Instrument :
FID_D
ClientSampleId :
PB150263BSD



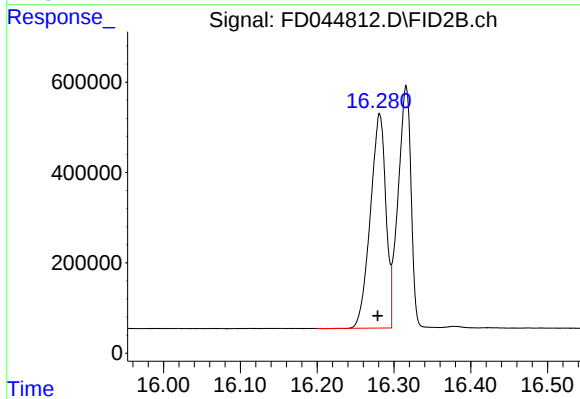
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.741 min
Delta R.T.: 0.002 min
Response: 6697276
Conc: 47.10 ug/ml



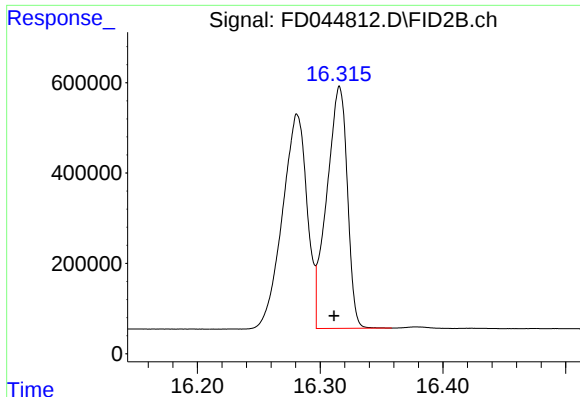
#15 Chrysene (C27.41)

R.T.: 14.784 min
Delta R.T.: 0.003 min
Response: 7548573
Conc: 49.78 ug/ml



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

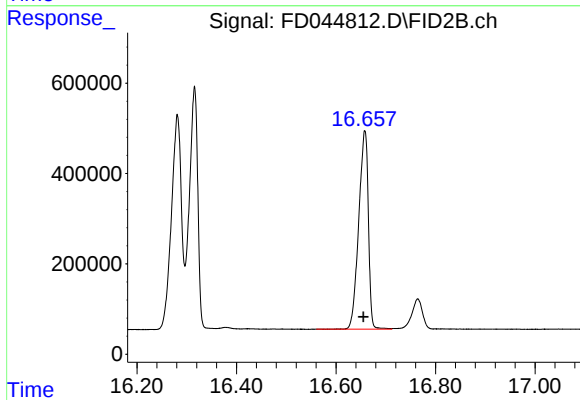
R.T.: 16.281 min
Delta R.T.: 0.002 min
Response: 6641429
Conc: 44.16 ug/ml



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

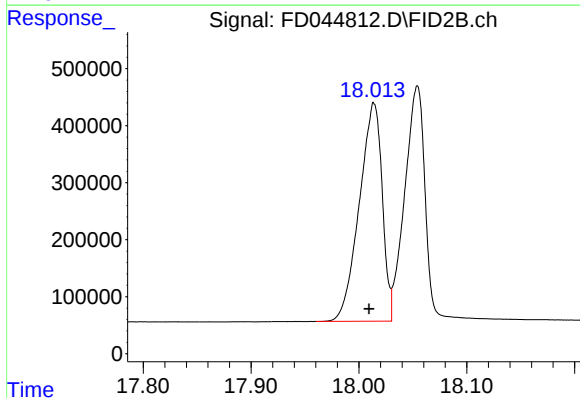
R.T.: 16.315 min
Delta R.T.: 0.004 min
Response: 6226875
Conc: 41.10 ug/ml

Instrument :
FID_D
ClientSampleId :
PB150263BSD



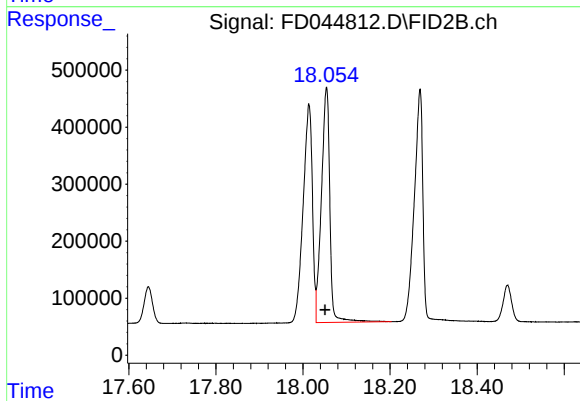
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.658 min
Delta R.T.: 0.003 min
Response: 5896524
Conc: 40.64 ug/ml



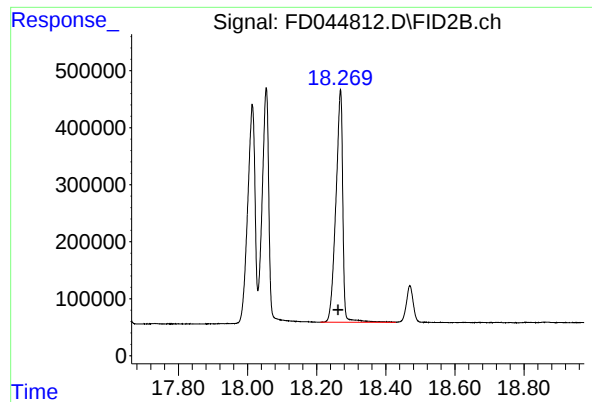
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.014 min
Delta R.T.: 0.004 min
Response: 5632596
Conc: 39.83 ug/ml



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

R.T.: 18.054 min
Delta R.T.: 0.003 min
Response: 5539807
Conc: 37.79 ug/ml



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

R.T.: 18.268 min
Delta R.T.: 0.006 min
Response: 5682301
Conc: 40.00 ug/ml

Instrument :

FID_D

ClientSampleId :

PB150263BSD