

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050224AR\
 Data File : FD047624.D
 Signal(s) : FID2B.ch
 Acq On : 02 May 2024 20:57
 Operator : YP/AJ
 Sample : P2322-03MSD
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 DEMAREST-MS

Integration File: autoint1.e
 Quant Time: May 03 01:57:44 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042924.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 29 17:13:11 2024
 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...	7.461	6154076	39.241 ug/ml
Spiked Amount 50.000		Recovery =	78.48%
6) S 2-Fluorobiphenyl (SURR)	8.315	3758356	35.930 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	71.86%
11) S ortho-Terphenyl (SURR)	11.355	5705406	30.423 ug/ml
Spiked Amount 50.000		Recovery =	60.85%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.275	3982936	24.635 ug/ml
2) T Naphthalene (C11.7)	5.799	4651254	27.489 ug/ml
3) T 2-Methylnaphthalene (...)	6.848	4924019	28.907 ug/ml
5) T Acenaphthylene (C15.06)	8.118	5360359	32.869 ug/ml
7) T Acenaphthene (C15.5)	8.413	5272621	31.367 ug/ml
8) T Flouorene (C16.55)	9.193	5494090	33.029 ug/ml
9) T Phenanthrene (C19.36)	10.583	5613311	34.287 ug/ml
10) T Anthracene (C19.43)	10.658	5544869	37.019 ug/ml
12) T Fluoranthene (C21.85)	12.389	5702408	34.366 ug/ml
13) T Pyrene (C20.8)	12.684	5783282	35.543 ug/ml
14) T Benzo[a]anthracene (C...	14.553	5396178	36.967 ug/ml
15) T Chrysene (C27.41)	14.595	5391767	34.215 ug/ml
16) T benzo[b]fluoranthene ...	16.099	5231624	35.027 ug/ml
17) T Bnezo[k]fluoranthene ...	16.133	5227192	34.720 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.475	5067463	35.119 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.840	5142091	37.888 ug/ml
20) T Dibenz[a,h]anthracene...	17.878	4939113	34.497 ug/ml
21) T Benzo[g,h,i]perylene ...	18.092	4706015	34.276 ug/ml

(f)=RT Delta > 1/2 Window

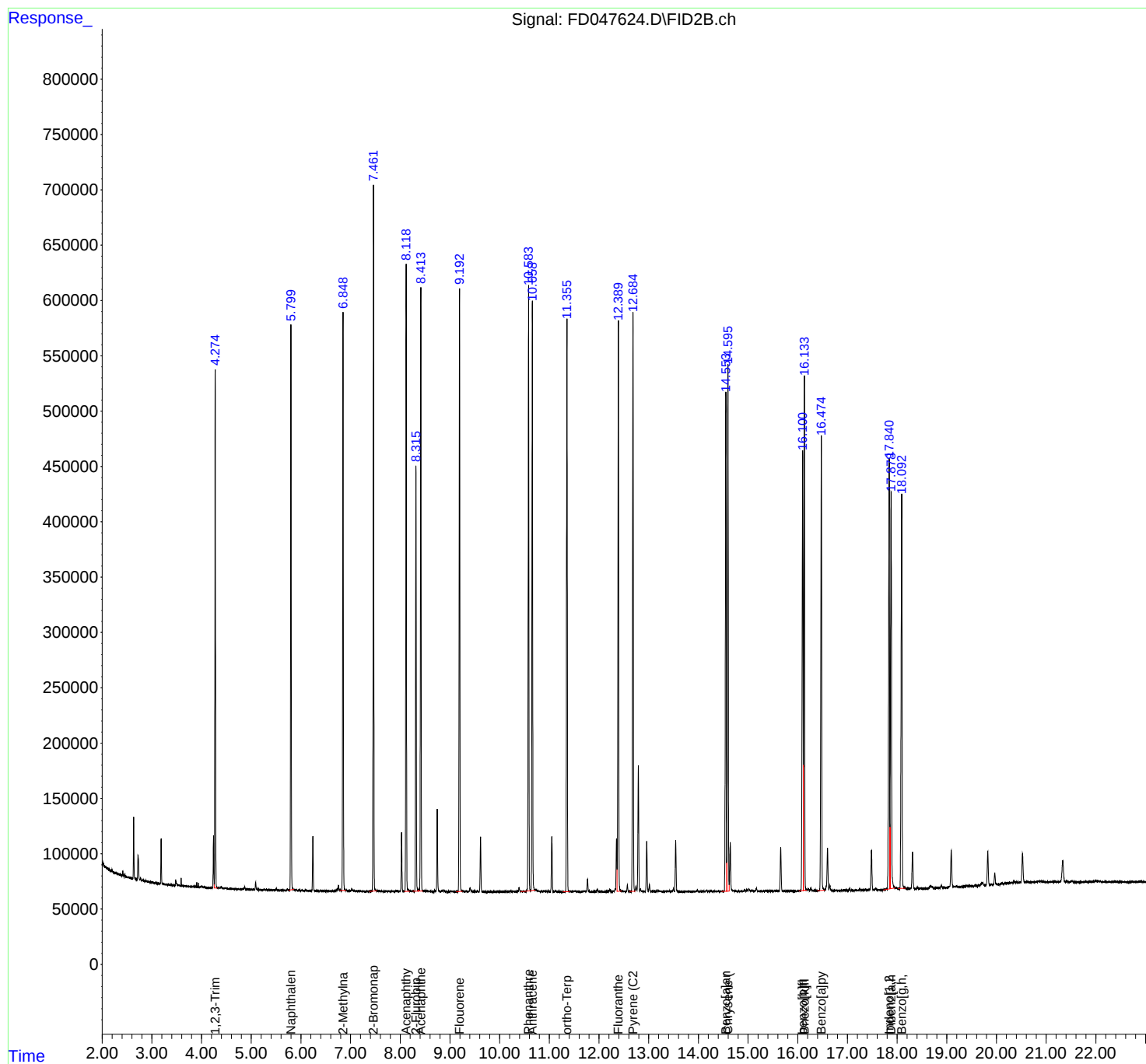
(m)=manual int.

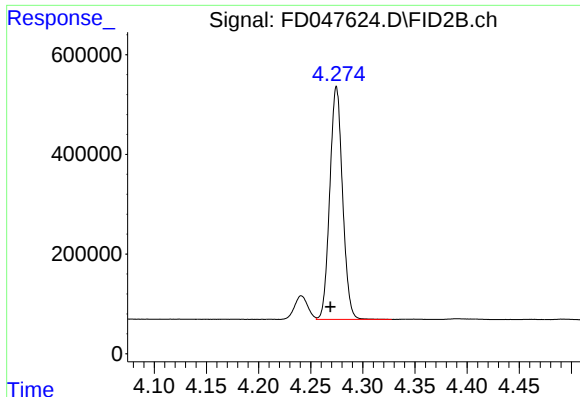
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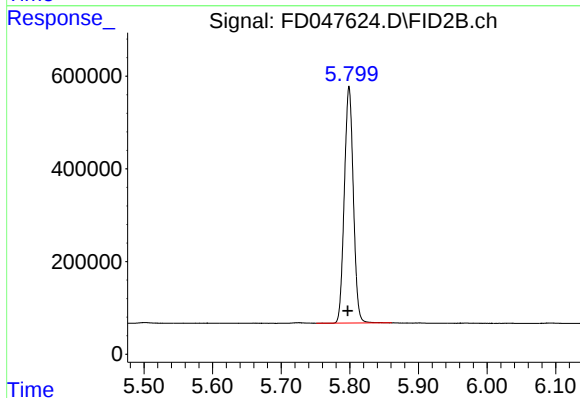




#1 1,2,3-Trimethylbenzene (C10.1)

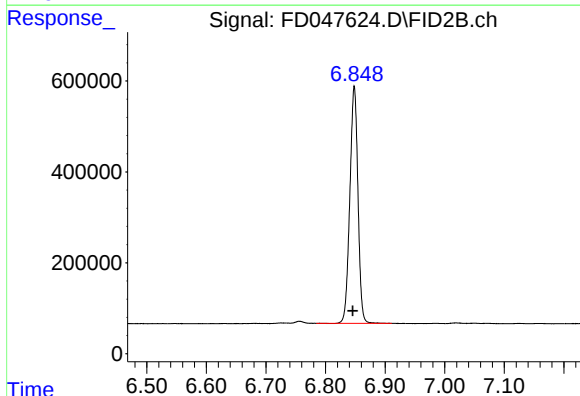
R.T.: 4.275 min
Delta R.T.: 0.006 min
Response: 3982936
Conc: 24.63 ug/ml

Instrument :
FID_D
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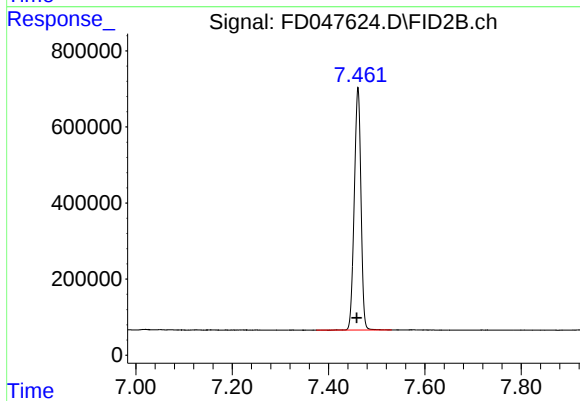
#2 Naphthalene (C11.7)

R.T.: 5.799 min
Delta R.T.: 0.002 min
Response: 4651254
Conc: 27.49 ug/ml



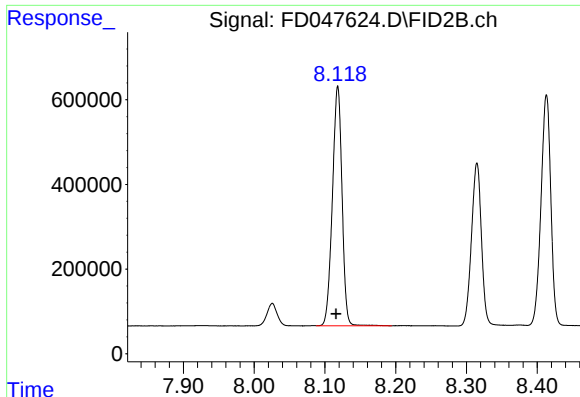
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.848 min
Delta R.T.: 0.003 min
Response: 4924019
Conc: 28.91 ug/ml



#4 2-Bromonaphthalene (SURR)

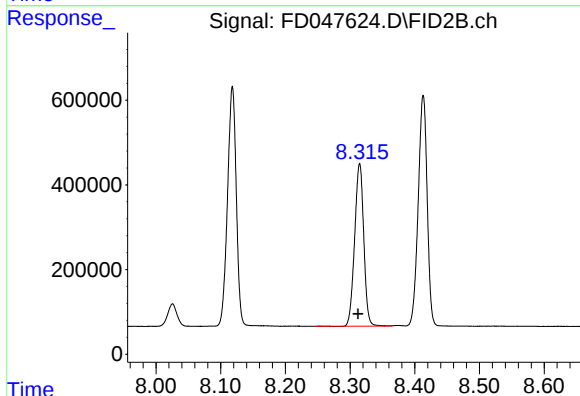
R.T.: 7.461 min
Delta R.T.: 0.003 min
Response: 6154076
Conc: 39.24 ug/ml



#5 Acenaphthylene (C15.06)

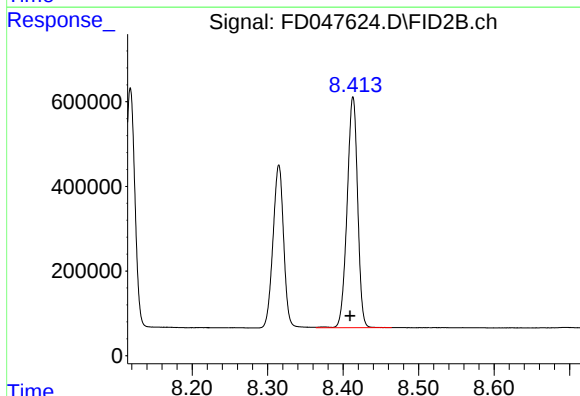
R.T.: 8.118 min
Delta R.T.: 0.002 min
Response: 5360359
Conc: 32.87 ug/ml

Instrument :
FID_D
ClientSampleId :
DEMAREST-MS



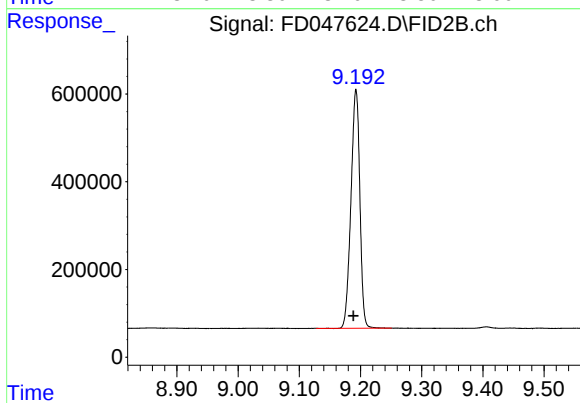
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.315 min
Delta R.T.: 0.002 min
Response: 3758356
Conc: 35.93 ug/ml



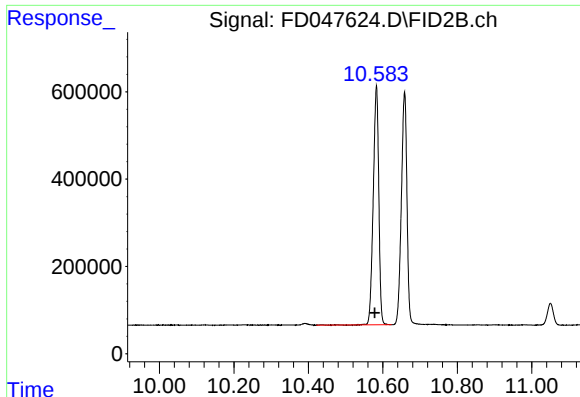
#7 Acenaphthene (C15.5)

R.T.: 8.413 min
Delta R.T.: 0.004 min
Response: 5272621
Conc: 31.37 ug/ml



#8 Fluorene (C16.55)

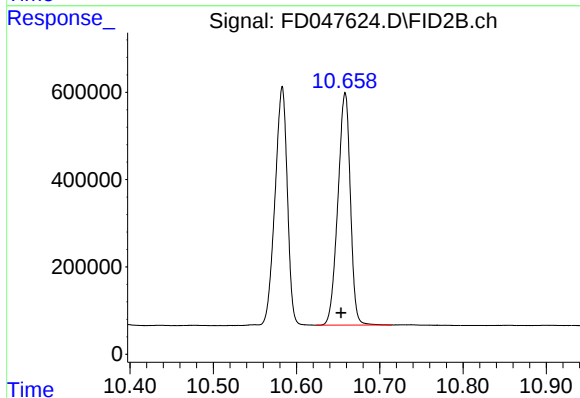
R.T.: 9.193 min
Delta R.T.: 0.004 min
Response: 5494090
Conc: 33.03 ug/ml



#9 Phenanthrene (C19.36)

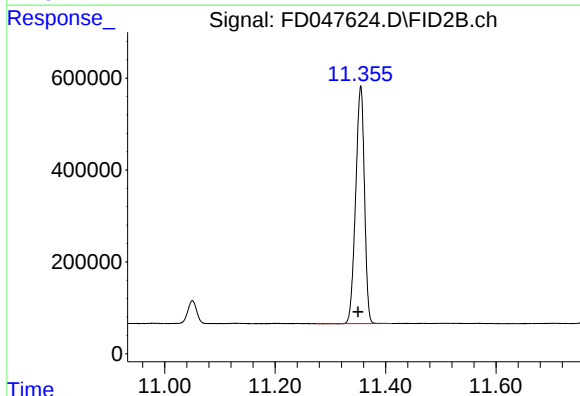
R.T.: 10.583 min
Delta R.T.: 0.004 min
Response: 5613311
Conc: 34.29 ug/ml

Instrument :
FID_D
ClientSampleId :
DEMAREST-MS



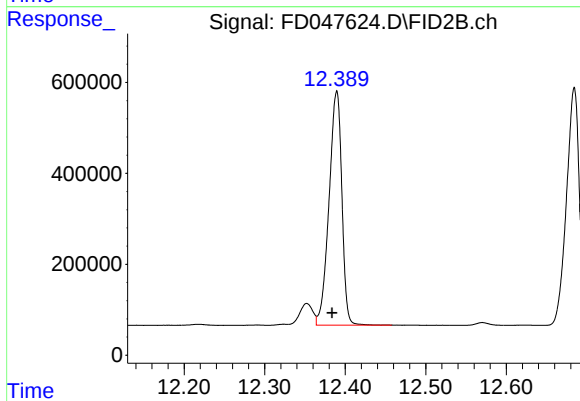
#10 Anthracene (C19.43)

R.T.: 10.658 min
Delta R.T.: 0.005 min
Response: 5544869
Conc: 37.02 ug/ml



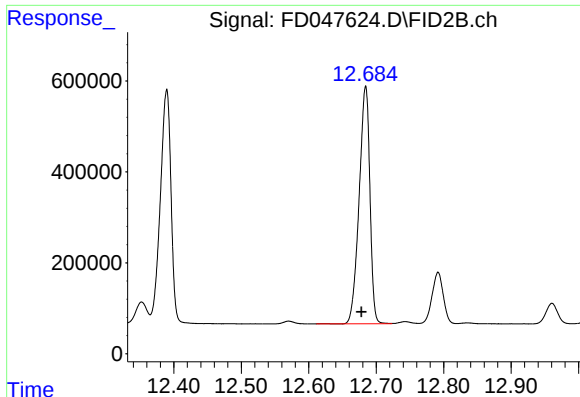
#11 ortho-Terphenyl (SURR)

R.T.: 11.355 min
Delta R.T.: 0.004 min
Response: 5705406
Conc: 30.42 ug/ml



#12 Fluoranthene (C21.85)

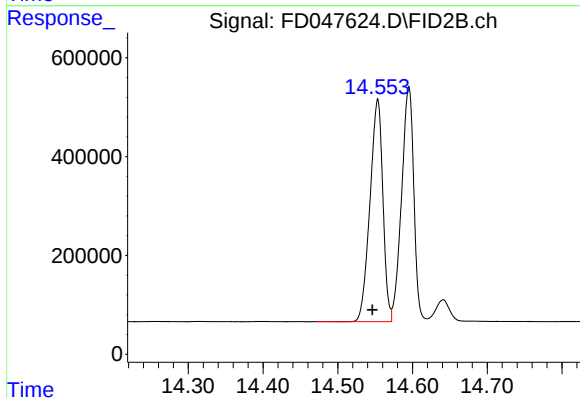
R.T.: 12.389 min
Delta R.T.: 0.006 min
Response: 5702408
Conc: 34.37 ug/ml



#13 Pyrene (C20.8)

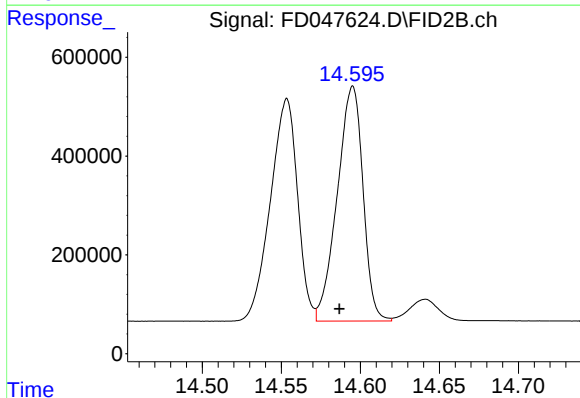
R.T.: 12.684 min
Delta R.T.: 0.006 min
Response: 5783282
Conc: 35.54 ug/ml

Instrument :
FID_D
ClientSampleId :
DEMAREST-MS



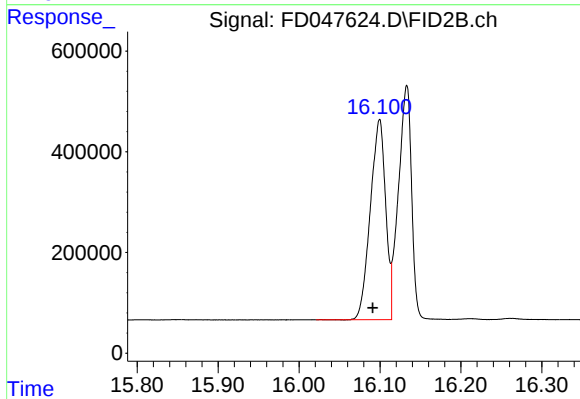
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.553 min
Delta R.T.: 0.007 min
Response: 5396178
Conc: 36.97 ug/ml



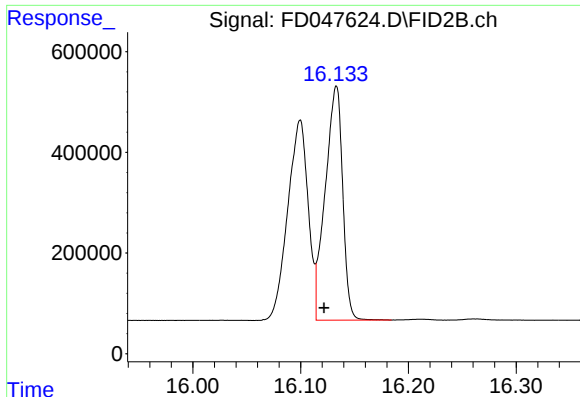
#15 Chrysene (C27.41)

R.T.: 14.595 min
Delta R.T.: 0.008 min
Response: 5391767
Conc: 34.21 ug/ml



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

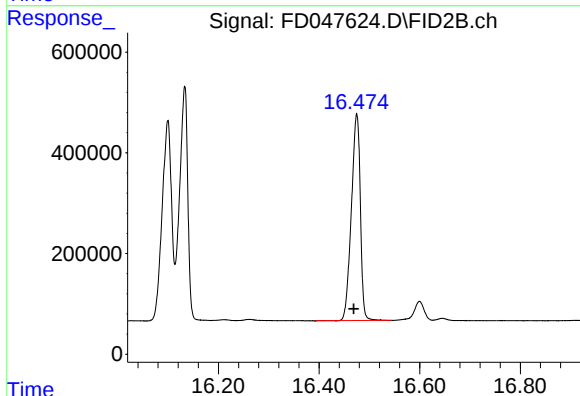
R.T.: 16.099 min
Delta R.T.: 0.008 min
Response: 5231624
Conc: 35.03 ug/ml



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

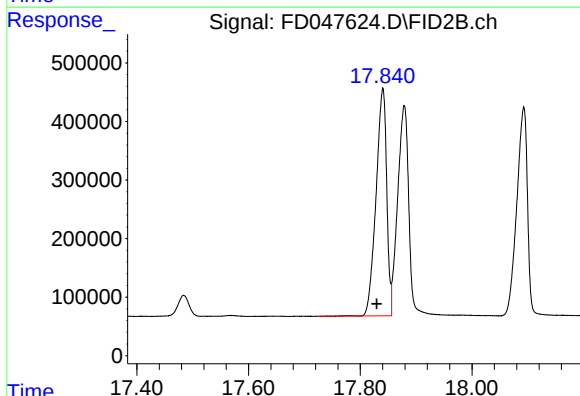
R.T.: 16.133 min
Delta R.T.: 0.011 min
Response: 5227192
Conc: 34.72 ug/ml

Instrument :
FID_D
ClientSampleId :
DEMAREST-MS



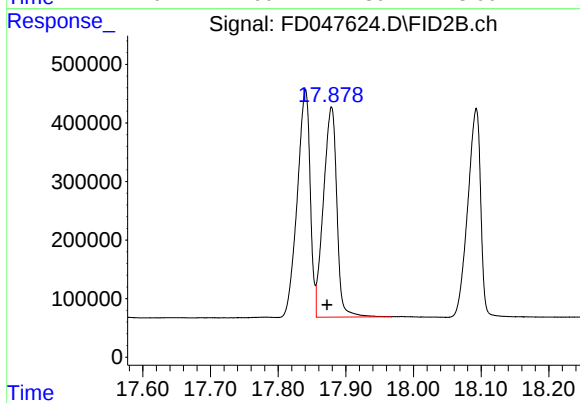
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.475 min
Delta R.T.: 0.006 min
Response: 5067463
Conc: 35.12 ug/ml



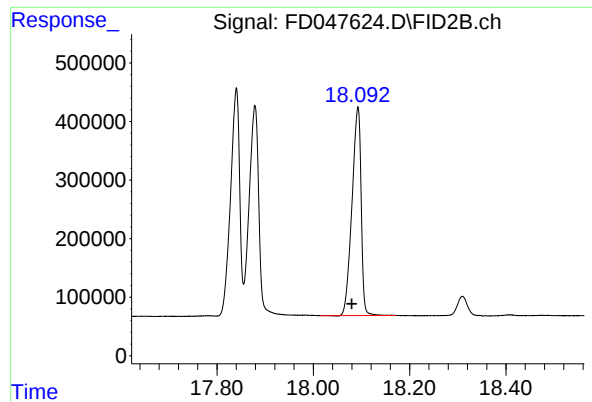
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.840 min
Delta R.T.: 0.010 min
Response: 5142091
Conc: 37.89 ug/ml



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

R.T.: 17.878 min
Delta R.T.: 0.006 min
Response: 4939113
Conc: 34.50 ug/ml



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

R.T.: 18.092 min
Delta R.T.: 0.012 min
Response: 4706015
Conc: 34.28 ug/ml

Instrument :

FID_D

ClientSampleId :

DEMAREST-MS