

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062124AR\
 Data File : FD047964.D
 Signal(s) : FID2B.ch
 Acq On : 21 Jun 2024 19:09
 Operator : YP/AJ
 Sample : P2915-01MSD
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 WC-NORTH-1MSD

Integration File: autoint1.e
 Quant Time: Jun 22 04:20:54 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 061724.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 17 13:47:07 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...	7.418	7215591	49.616 ug/ml
Spiked Amount 50.000		Recovery =	99.23%
6) S 2-Fluorobiphenyl (SURR)	8.269	4788661	49.161 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	98.32%
11) S ortho-Terphenyl (SURR)	11.307	5277131	31.402 ug/ml
Spiked Amount 50.000		Recovery =	62.80%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.236	5005612	31.145 ug/ml
2) T Naphthalene (C11.7)	5.757	5693717	33.623 ug/ml
3) T 2-Methylnaphthalene (...)	6.805	6036203	35.055 ug/ml
5) T Acenaphthylene (C15.06)	8.072	6382708	38.001 ug/ml
7) T Acenaphthene (C15.5)	8.368	6408697	37.811 ug/ml
8) T Flouorene (C16.55)	9.147	6736754	40.572 ug/ml
9) T Phenanthrene (C19.36)	10.536	7165441	43.769 ug/ml
10) T Anthracene (C19.43)	10.611	7257257	44.621 ug/ml
12) T Fluoranthene (C21.85)	12.342	7491428	45.493 ug/ml
13) T Pyrene (C20.8)	12.637	7531627	46.191 ug/ml
14) T Benzo[a]anthracene (C...	14.507	7078295	46.143 ug/ml
15) T Chrysene (C27.41)	14.549	7043617	43.068 ug/ml
16) T benzo[b]fluoranthene ...	16.054	6883657	44.801 ug/ml
17) T Bnezo[k]fluoranthene ...	16.088	6842922	45.686 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.430	6487916	42.576 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.795	6848370	52.083 ug/ml
20) T Dibenz[a,h]anthracene...	17.833	6438415	40.652 ug/ml
21) T Benzo[g,h,i]perylene ...	18.047	6173161	41.064 ug/ml

(f)=RT Delta > 1/2 Window

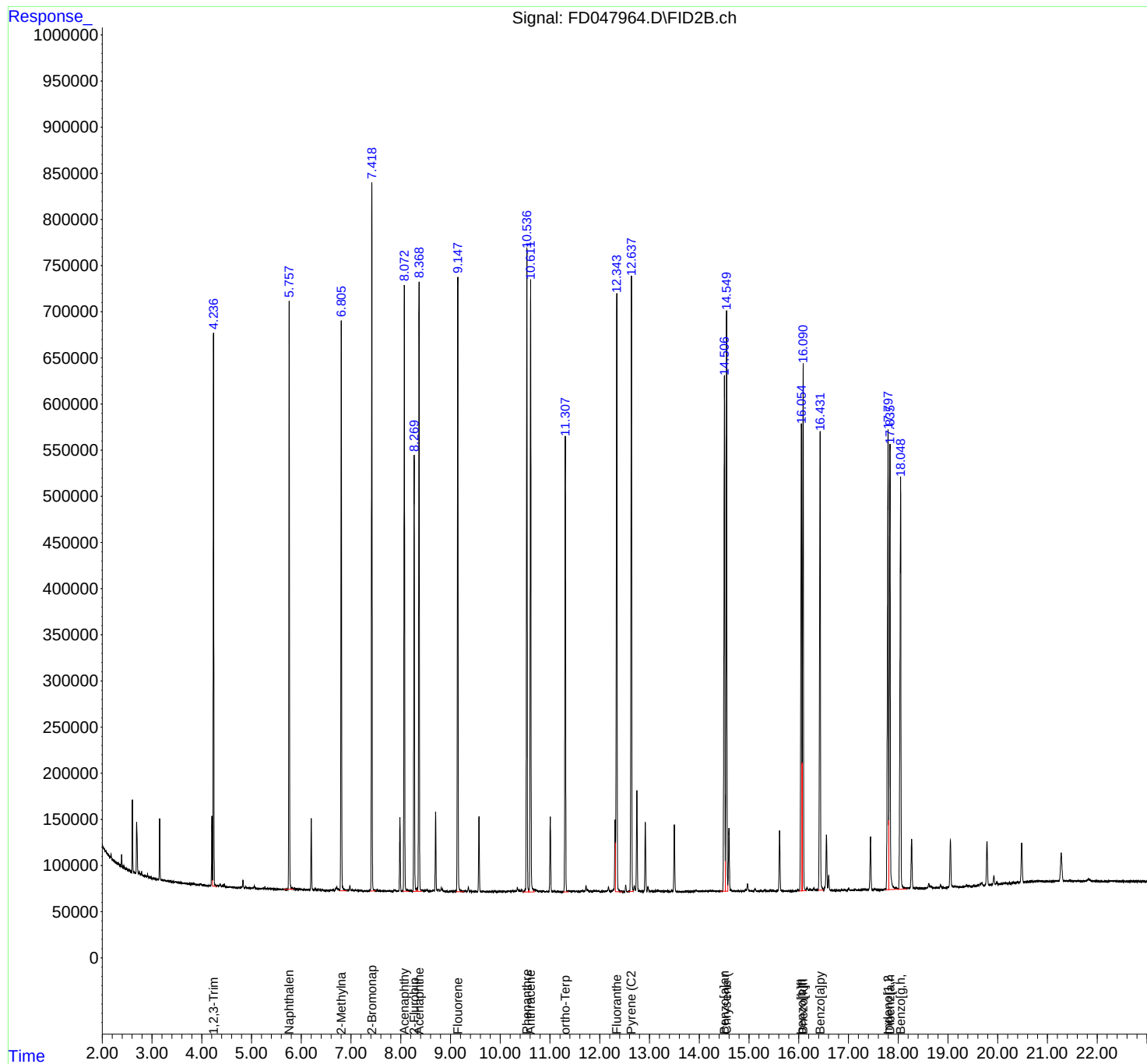
(m)=manual int.

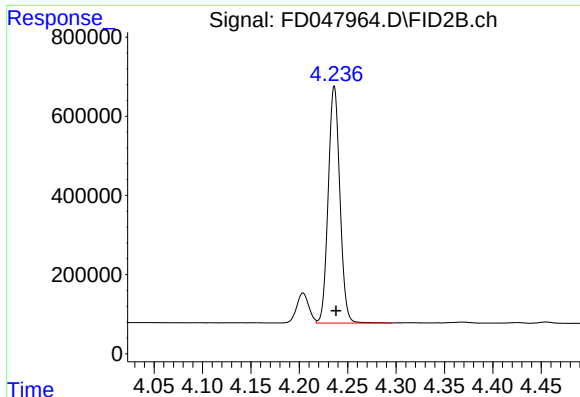
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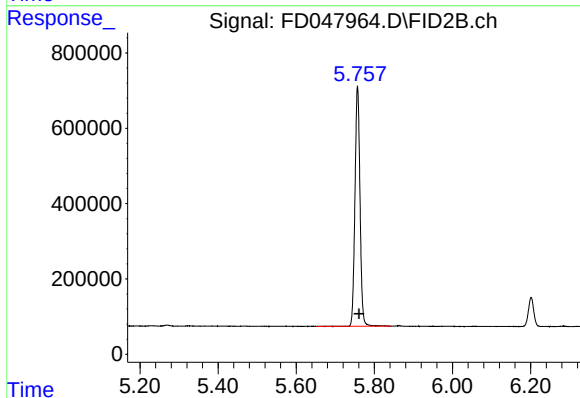




#1 1,2,3-Trimethylbenzene (C10.1)

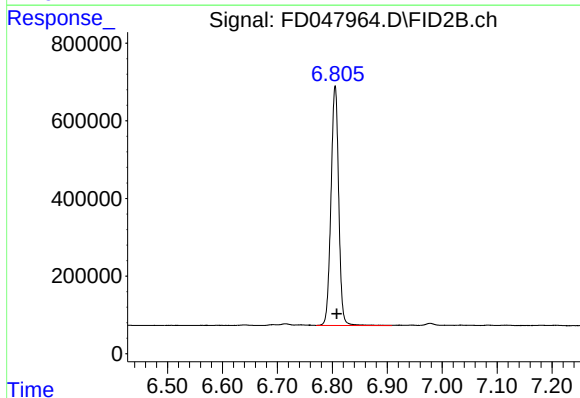
R.T.: 4.236 min
Delta R.T.: -0.002 min
Response: 5005612
Conc: 31.14 ug/ml

Instrument :
FID_D
ClientSampleId :
WC-NORTH-1MSD



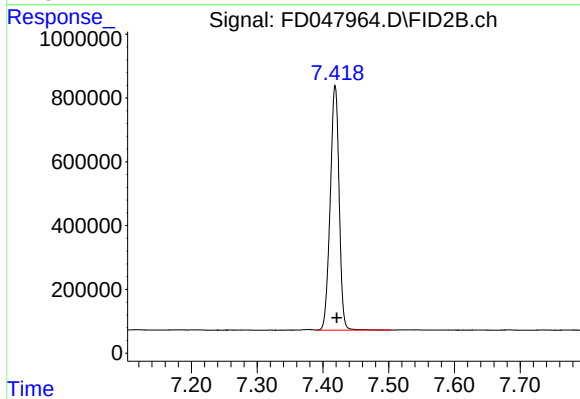
#2 Naphthalene (C11.7)

R.T.: 5.757 min
Delta R.T.: -0.004 min
Response: 5693717
Conc: 33.62 ug/ml



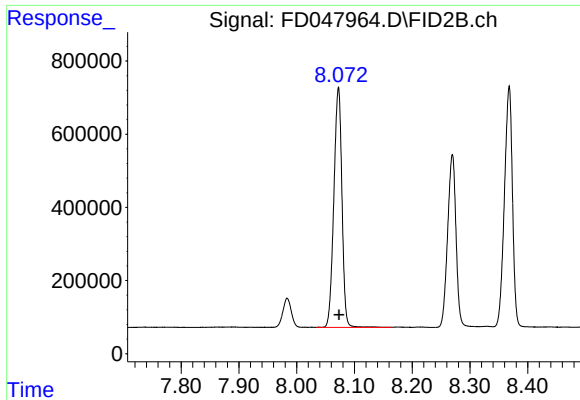
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.805 min
Delta R.T.: -0.003 min
Response: 6036203
Conc: 35.06 ug/ml



#4 2-Bromonaphthalene (SURR)

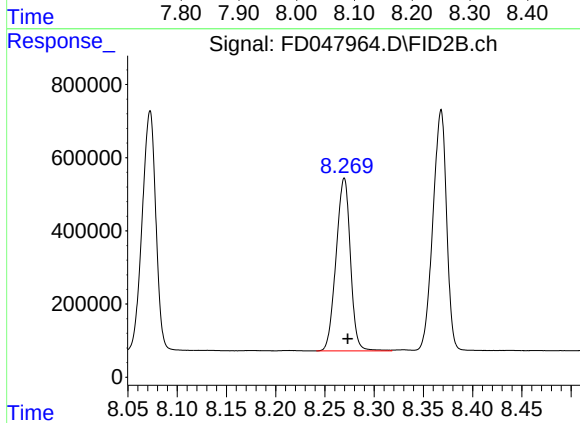
R.T.: 7.418 min
Delta R.T.: -0.002 min
Response: 7215591
Conc: 49.62 ug/ml



#5 Acenaphthylene (C15.06)

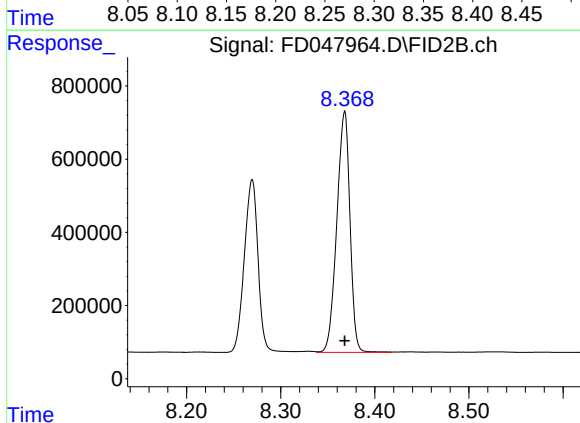
R.T.: 8.072 min
Delta R.T.: -0.001 min
Response: 6382708
Conc: 38.00 ug/ml

Instrument :
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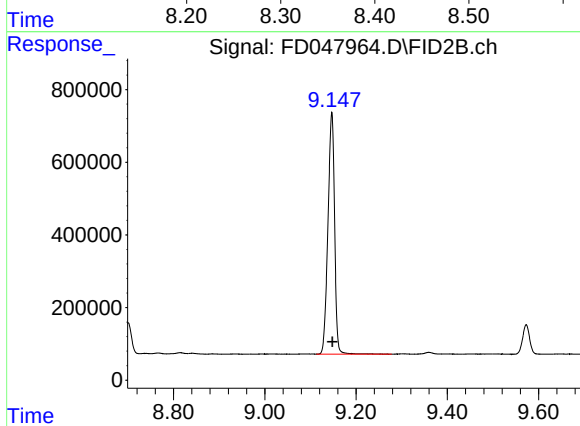
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.269 min
Delta R.T.: -0.004 min
Response: 4788661
Conc: 49.16 ug/ml



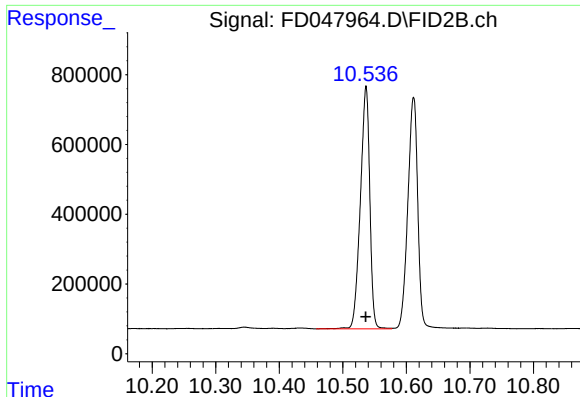
#7 Acenaphthene (C15.5)

R.T.: 8.368 min
Delta R.T.: 0.000 min
Response: 6408697
Conc: 37.81 ug/ml



#8 Fluorene (C16.55)

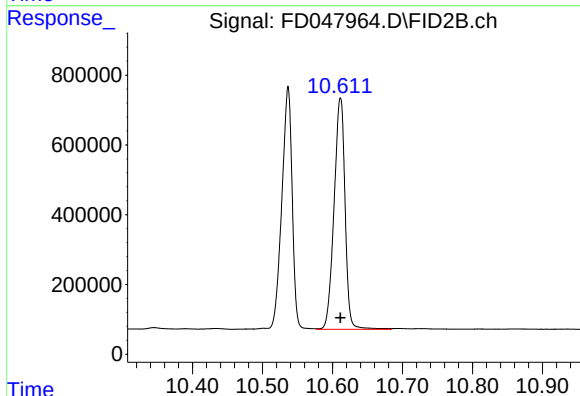
R.T.: 9.147 min
Delta R.T.: -0.001 min
Response: 6736754
Conc: 40.57 ug/ml



#9 Phenanthrene (C19.36)

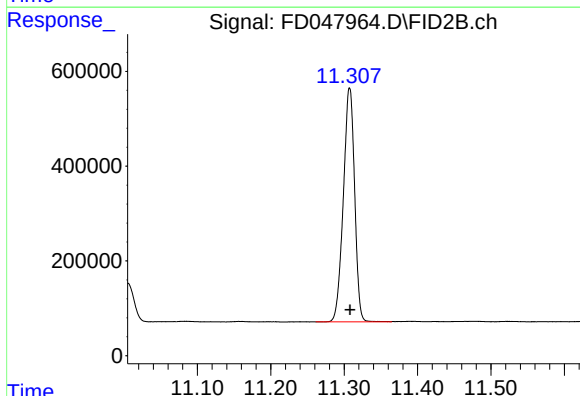
R.T.: 10.536 min
Delta R.T.: 0.000 min
Response: 7165441
Conc: 43.77 ug/ml

Instrument :
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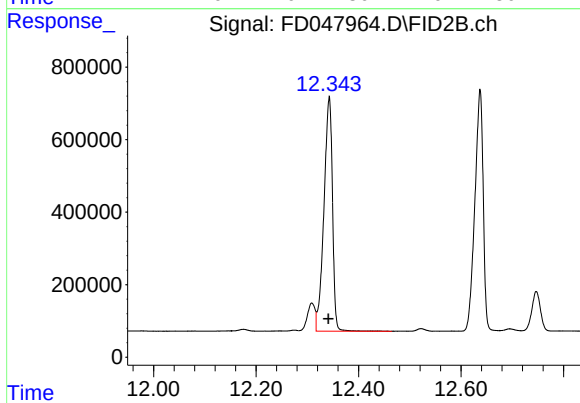
#10 Anthracene (C19.43)

R.T.: 10.611 min
Delta R.T.: 0.000 min
Response: 7257257
Conc: 44.62 ug/ml



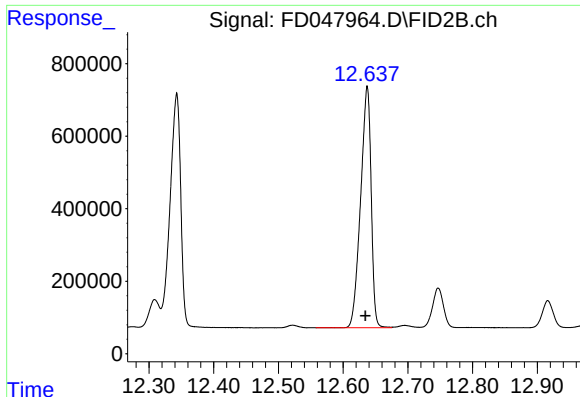
#11 ortho-Terphenyl (SURR)

R.T.: 11.307 min
Delta R.T.: 0.000 min
Response: 5277131
Conc: 31.40 ug/ml



#12 Fluoranthene (C21.85)

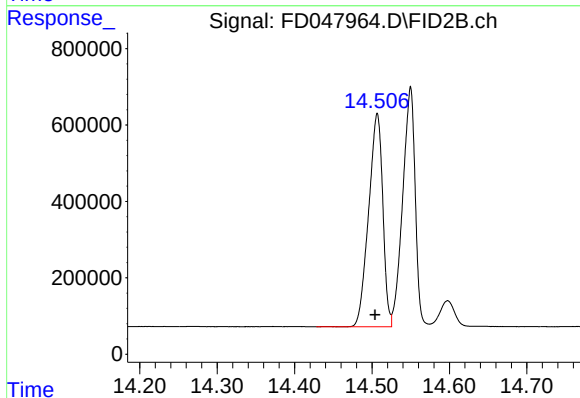
R.T.: 12.342 min
Delta R.T.: 0.002 min
Response: 7491428
Conc: 45.49 ug/ml



#13 Pyrene (C20.8)

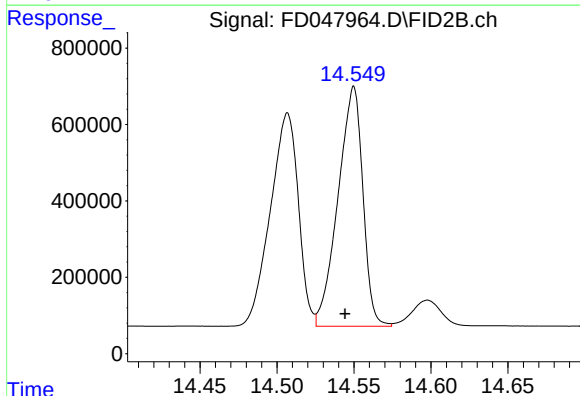
R.T.: 12.637 min
Delta R.T.: 0.002 min
Response: 7531627
Conc: 46.19 ug/ml

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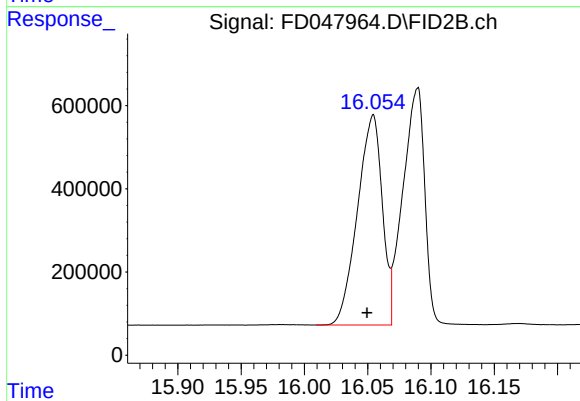
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.507 min
Delta R.T.: 0.002 min
Response: 7078295
Conc: 46.14 ug/ml



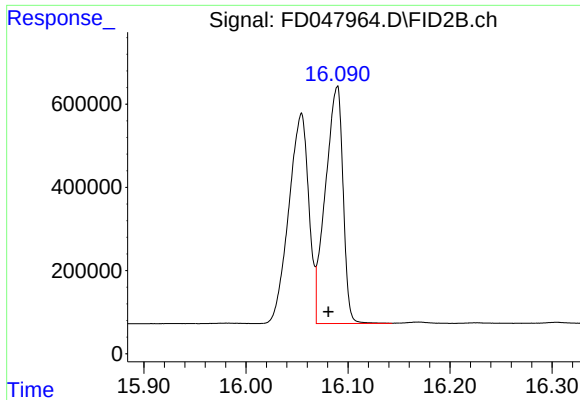
#15 Chrysene (C27.41)

R.T.: 14.549 min
Delta R.T.: 0.005 min
Response: 7043617
Conc: 43.07 ug/ml



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

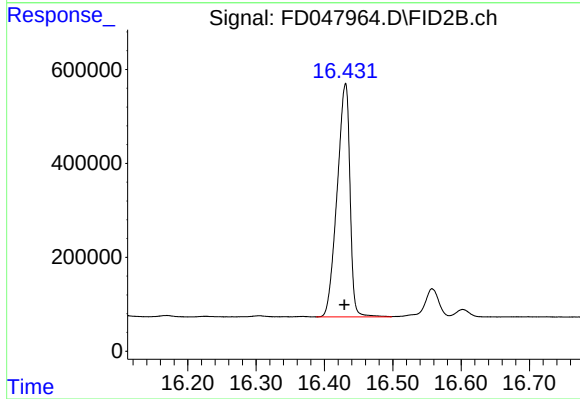
R.T.: 16.054 min
Delta R.T.: 0.004 min
Response: 6883657
Conc: 44.80 ug/ml



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

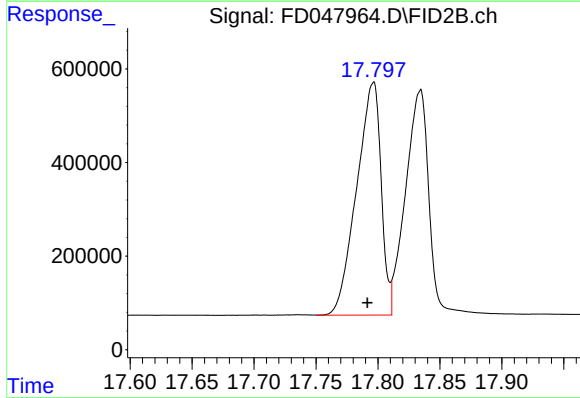
R.T.: 16.088 min
Delta R.T.: 0.008 min
Response: 6842922
Conc: 45.69 ug/ml

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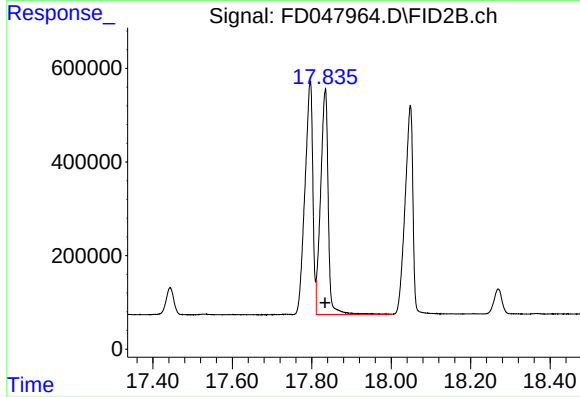
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.430 min
Delta R.T.: 0.000 min
Response: 6487916
Conc: 42.58 ug/ml



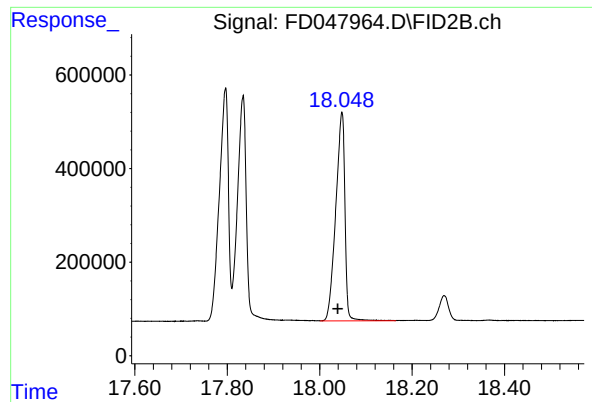
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.795 min
Delta R.T.: 0.004 min
Response: 6848370
Conc: 52.08 ug/ml



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

R.T.: 17.833 min
Delta R.T.: 0.000 min
Response: 6438415
Conc: 40.65 ug/ml



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

R.T.: 18.047 min
Delta R.T.: 0.008 min
Response: 6173161
Conc: 41.06 ug/ml

Instrument :

FID_D

ClientSampleId :

WC-NORTH-1MSD