

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD011323AR\
 Data File : FD044792.D
 Signal(s) : FID2B.ch
 Acq On : 13 Jan 2023 21:01
 Operator : YP/AJ
 Sample : PB150237BSD
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jan 16 03:12:47 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...	7.662	7153188	49.605 ug/ml
Spiked Amount 50.000		Recovery =	99.21%
6) S 2-Fluorobiphenyl (SURR)	8.520	4764421	49.082 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	98.16%
11) S ortho-Terphenyl (SURR)	11.550	7459378	41.402 ug/ml
Spiked Amount 50.000		Recovery =	82.80%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.482	5030726	31.267 ug/ml
2) T Naphthalene (C11.7)	6.010	6811083	40.580 ug/ml
3) T 2-Methylnaphthalene (...)	7.055	6375140	37.916 ug/ml
5) T Acenaphthylene (C15.06)	8.325	7580146	49.977 ug/ml
7) T Acenaphthene (C15.5)	8.619	6758747	41.692 ug/ml
8) T Fluorene (C16.55)	9.396	7606978	47.729 ug/ml
9) T Phenanthrene (C19.36)	10.786	8214946	52.346 ug/ml
10) T Anthracene (C19.43)	10.860	8066772	64.149 ug/ml
12) T Fluoranthene (C21.85)	12.588	8684084	55.300 ug/ml
13) T Pyrene (C20.8)	12.884	8387631	54.791 ug/ml
14) T Benzo[a]anthracene (C...	14.745	8708723	61.248 ug/ml
15) T Chrysene (C27.41)	14.790	8977032	59.200 ug/ml
16) T benzo[b]fluoranthene ...	16.287	8834941	58.745 ug/ml
17) T Bnezo[k]fluoranthene ...	16.322	8255310	54.489 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.662	7629892	52.590 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.019	7634852	53.989 ug/ml
20) T Dibenz[a,h]anthracene...	18.061	8086510	55.165 ug/ml
21) T Benzo[g,h,i]perylene ...	18.275	7548465	53.136 ug/ml

(f)=RT Delta > 1/2 Window

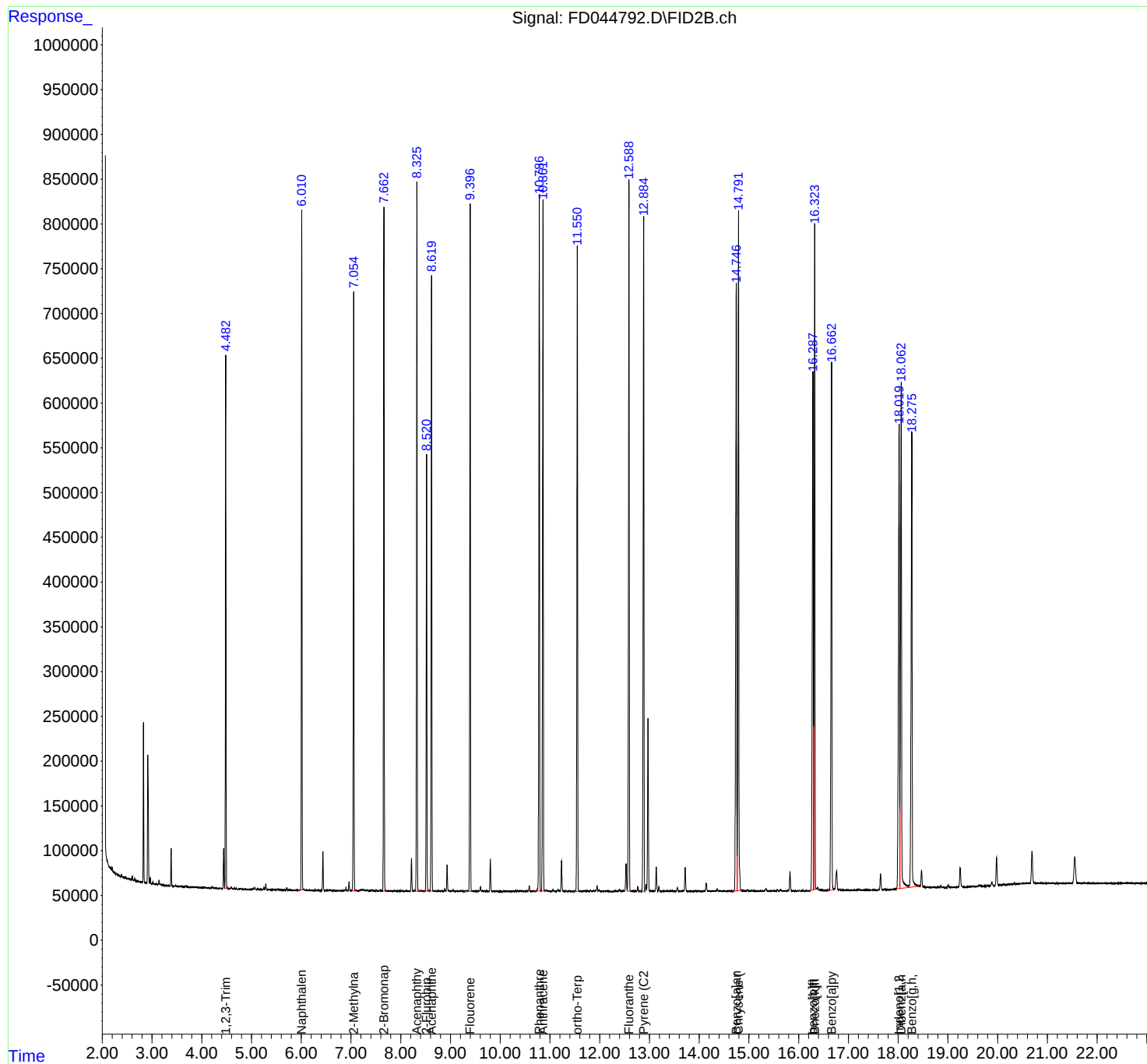
(m)=manual int.

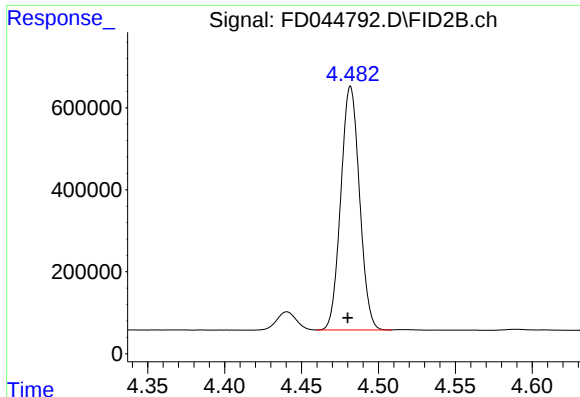
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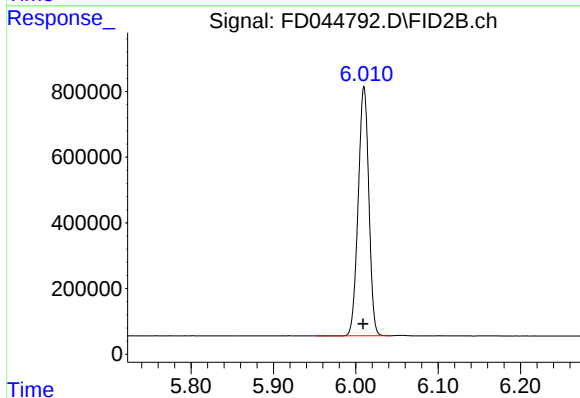




#1 1,2,3-Trimethylbenzene (C10.1)

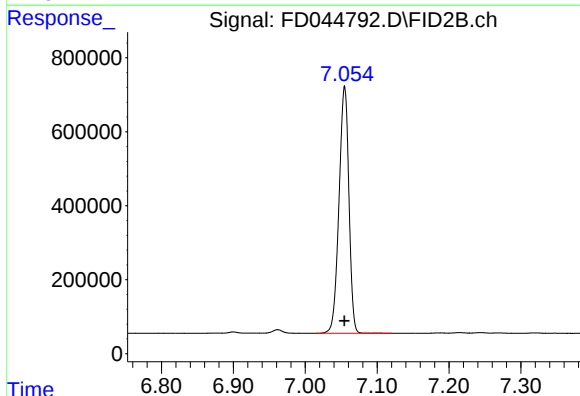
R.T.: 4.482 min
Delta R.T.: 0.002 min
Response: 5030726
Conc: 31.27 ug/ml

Instrument :
FID_D
ClientSampleId :



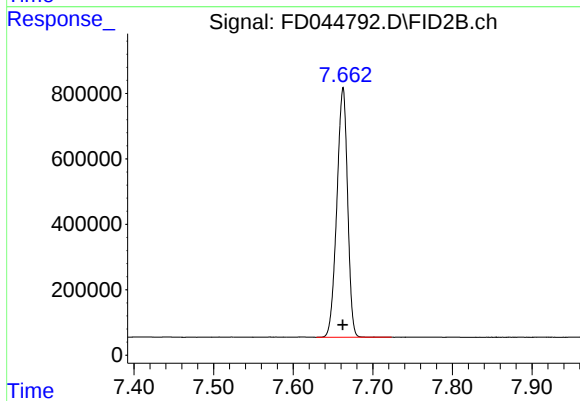
#2 Naphthalene (C11.7)

R.T.: 6.010 min
Delta R.T.: 0.001 min
Response: 6811083
Conc: 40.58 ug/ml



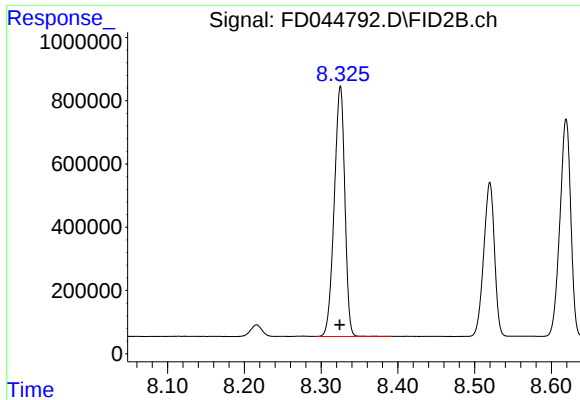
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.055 min
Delta R.T.: 0.000 min
Response: 6375140
Conc: 37.92 ug/ml



#4 2-Bromonaphthalene (SURR)

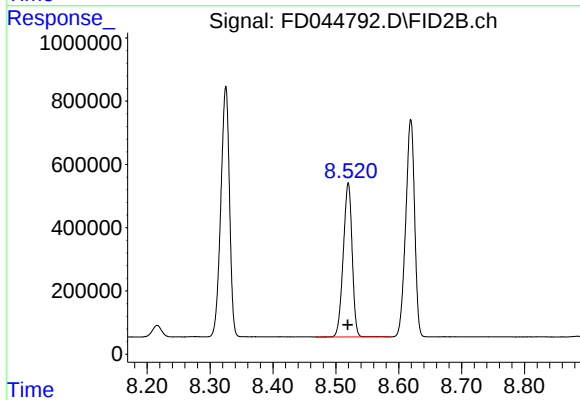
R.T.: 7.662 min
Delta R.T.: 0.000 min
Response: 7153188
Conc: 49.60 ug/ml



#5 Acenaphthylene (C15.06)

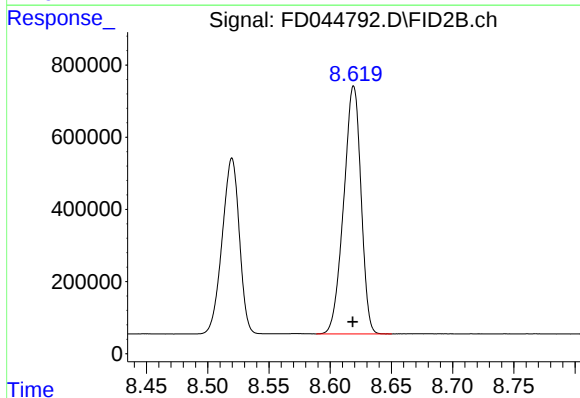
R.T.: 8.325 min
Delta R.T.: 0.000 min
Response: 7580146
Conc: 49.98 ug/ml

Instrument :
FID_D
ClientSampleId :



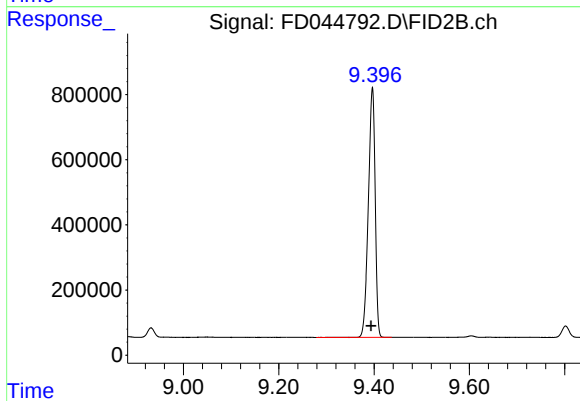
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.520 min
Delta R.T.: 0.000 min
Response: 4764421
Conc: 49.08 ug/ml



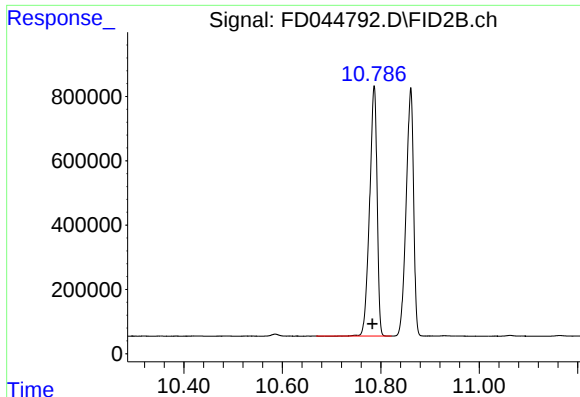
#7 Acenaphthene (C15.5)

R.T.: 8.619 min
Delta R.T.: 0.000 min
Response: 6758747
Conc: 41.69 ug/ml



#8 Flouorene (C16.55)

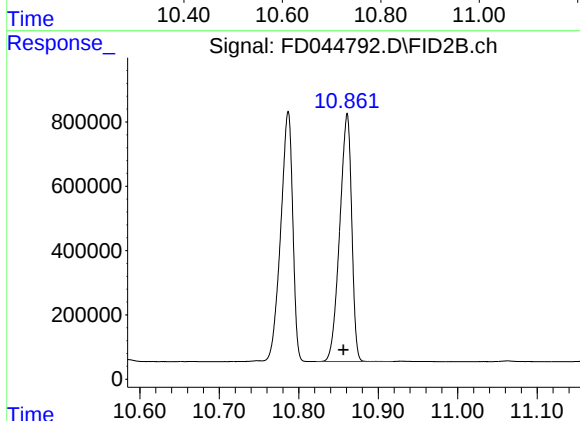
R.T.: 9.396 min
Delta R.T.: 0.002 min
Response: 7606978
Conc: 47.73 ug/ml



#9 Phenanthrene (C19.36)

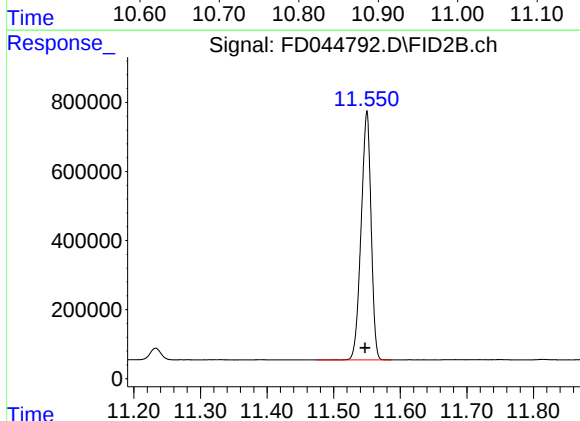
R.T.: 10.786 min
Delta R.T.: 0.003 min
Response: 8214946
Conc: 52.35 ug/ml

Instrument :
FID_D
ClientSampleId :



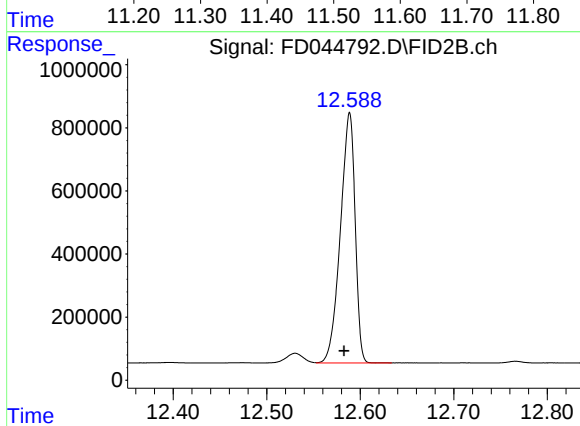
#10 Anthracene (C19.43)

R.T.: 10.860 min
Delta R.T.: 0.004 min
Response: 8066772
Conc: 64.15 ug/ml



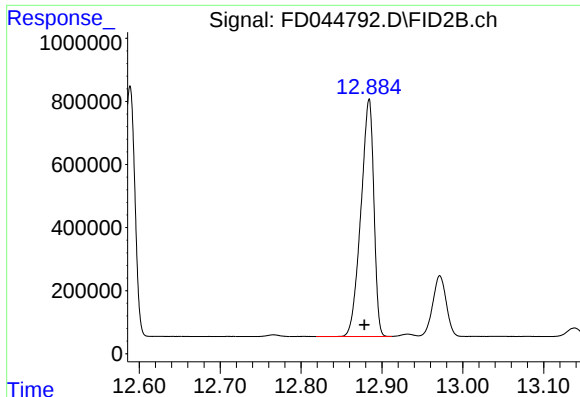
#11 ortho-Terphenyl (SURR)

R.T.: 11.550 min
Delta R.T.: 0.003 min
Response: 7459378
Conc: 41.40 ug/ml



#12 Fluoranthene (C21.85)

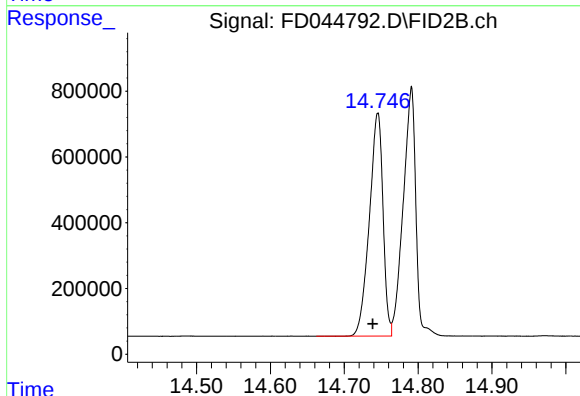
R.T.: 12.588 min
Delta R.T.: 0.006 min
Response: 8684084
Conc: 55.30 ug/ml



#13 Pyrene (C20.8)

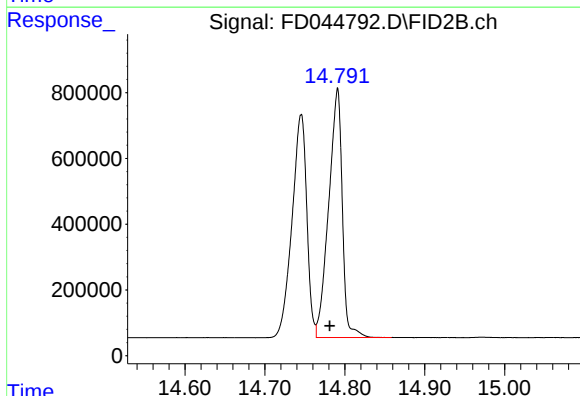
R.T.: 12.884 min
Delta R.T.: 0.005 min
Response: 8387631
Conc: 54.79 ug/ml

Instrument :
FID_D
ClientSampleId :



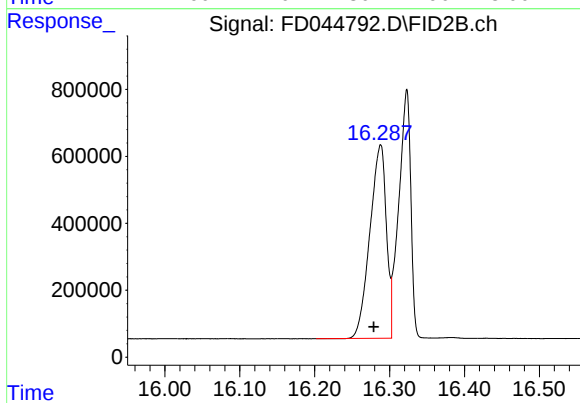
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.745 min
Delta R.T.: 0.007 min
Response: 8708723
Conc: 61.25 ug/ml



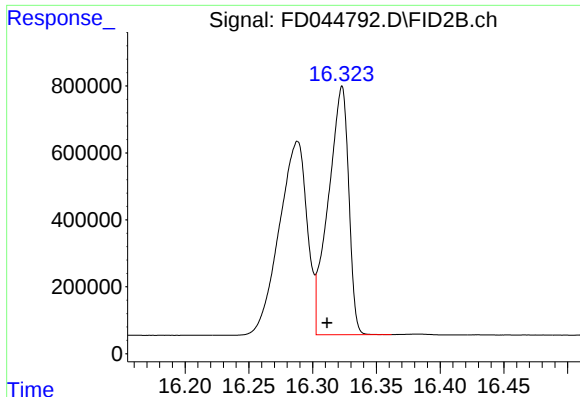
#15 Chrysene (C27.41)

R.T.: 14.790 min
Delta R.T.: 0.009 min
Response: 8977032
Conc: 59.20 ug/ml



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

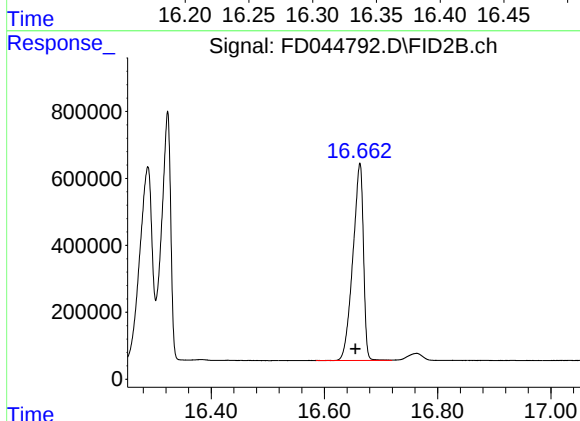
R.T.: 16.287 min
Delta R.T.: 0.008 min
Response: 8834941
Conc: 58.74 ug/ml



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

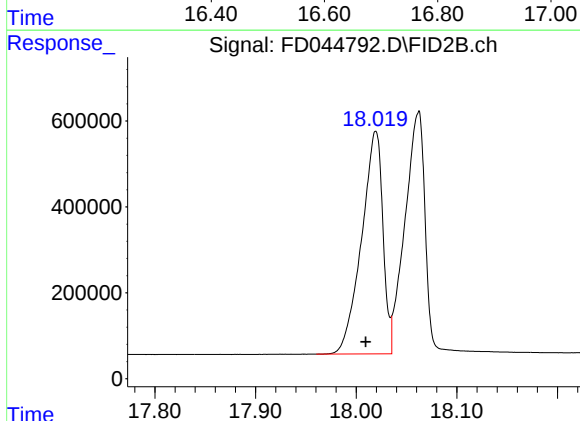
R.T.: 16.322 min
Delta R.T.: 0.011 min
Response: 8255310
Conc: 54.49 ug/ml

Instrument :
FID_D
ClientSampleId :



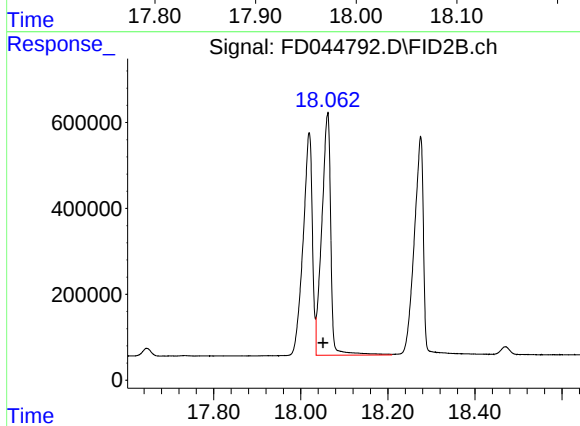
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.662 min
Delta R.T.: 0.007 min
Response: 7629892
Conc: 52.59 ug/ml



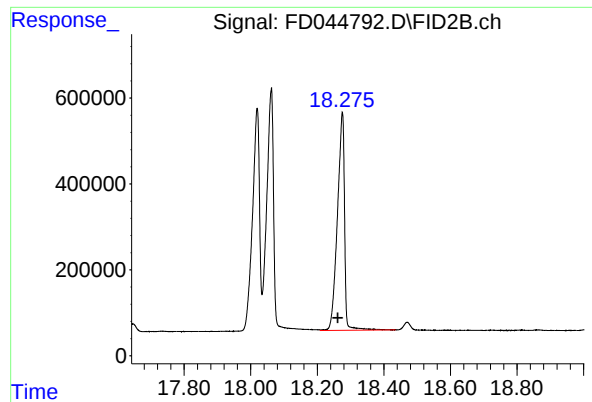
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.019 min
Delta R.T.: 0.009 min
Response: 7634852
Conc: 53.99 ug/ml



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

R.T.: 18.061 min
Delta R.T.: 0.010 min
Response: 8086510
Conc: 55.16 ug/ml



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

R.T.: 18.275 min
Delta R.T.: 0.013 min
Response: 7548465
Conc: 53.14 ug/ml

Instrument :

FID_D

ClientSampleId :