

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062723AR\
 Data File : FD046021.D
 Signal(s) : FID2B.ch
 Acq On : 28 Jun 2023 07:31
 Operator : YP/AJ
 Sample : 03412-01MS
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 DUCT-1MS

Integration File: autoint1.e
 Quant Time: Jun 28 08:43:43 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 062423.M
 Quant Title : GC Extractables
 QLast Update : Sun Jun 25 04:38:13 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...	7.521	11446624	53.117 ug/ml
Spiked Amount 50.000		Recovery =	106.23%
6) S 2-Fluorobiphenyl (SURR)	8.377	6319622	45.661 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	91.32%
11) S ortho-Terphenyl (SURR)	11.418	12451236	49.113 ug/ml
Spiked Amount 50.000		Recovery =	98.23%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.330	7672111	30.798 ug/ml
2) T Naphthalene (C11.7)	5.858	8731682	34.226 ug/ml
3) T 2-Methylnaphthalene (...)	6.909	9091765	36.065 ug/ml
5) T Acenaphthylene (C15.06)	8.181	9338250	42.994 ug/ml
7) T Acenaphthene (C15.5)	8.477	9802153	41.584 ug/ml
8) T Fluorene (C16.55)	9.256	10109995	44.683 ug/ml
9) T Phenanthrene (C19.36)	10.648	10029033	47.002 ug/ml
10) T Anthracene (C19.43)	10.724	9845906	61.965 ug/ml
12) T Fluoranthene (C21.85)	12.454	9615392	46.984 ug/ml
13) T Pyrene (C20.8)	12.748	9608381	49.417 ug/ml
14) T Benzo[a]anthracene (C...	14.613	8902024	49.498 ug/ml
15) T Chrysene (C27.41)	14.658	9001076	45.860 ug/ml
16) T benzo[b]fluoranthene ...	16.159	9097519	48.505 ug/ml
17) T Bnezo[k]fluoranthene ...	16.195	8776530	44.369 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.535	8157216	46.818 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.897	9159837	49.218 ug/ml
20) T Dibenz[a,h]anthracene...	17.936	8461864	46.025 ug/ml
21) T Benzo[g,h,i]perylene ...	18.153	8568001	45.855 ug/ml

(f)=RT Delta > 1/2 Window

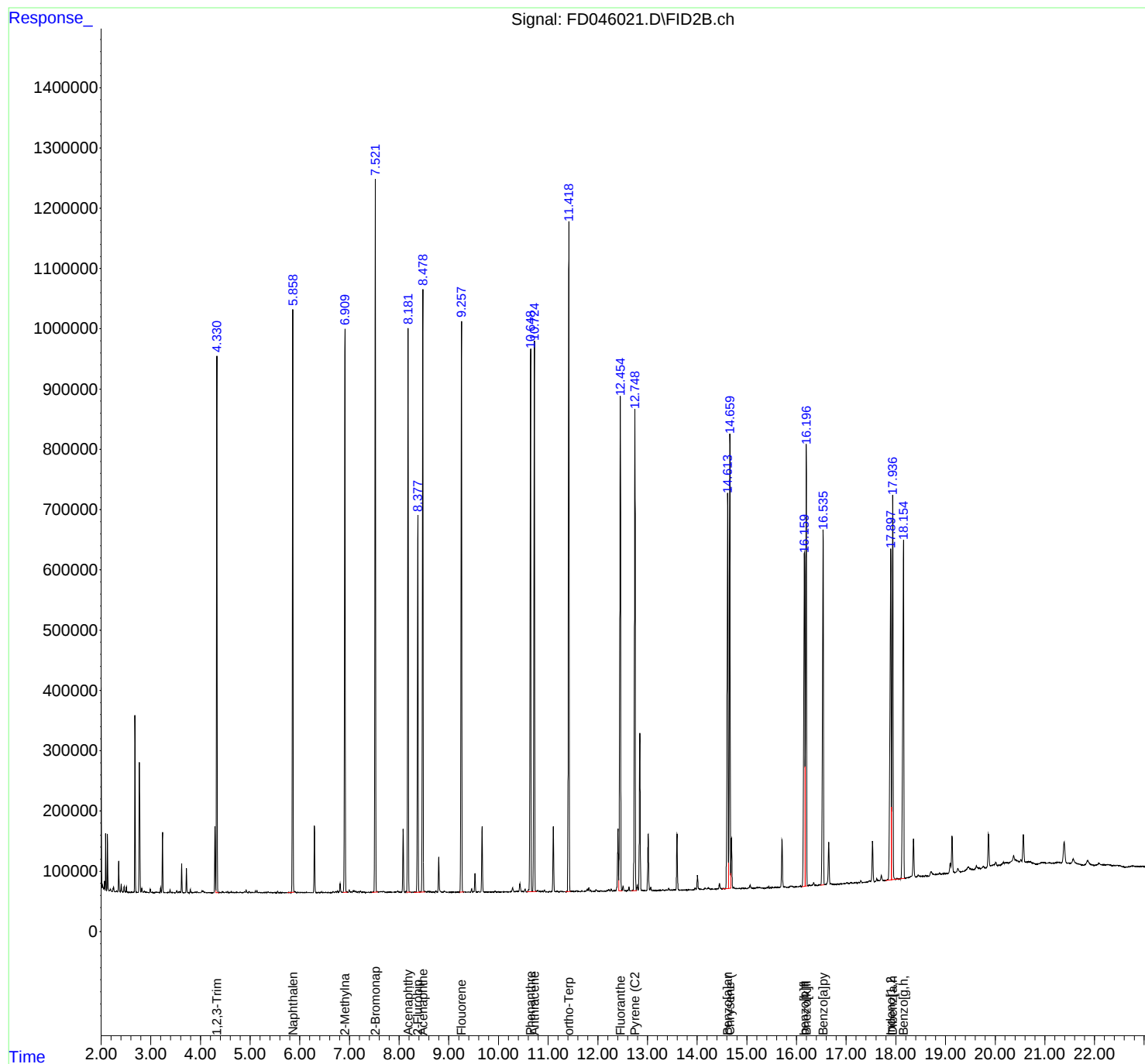
(m)=manual int.

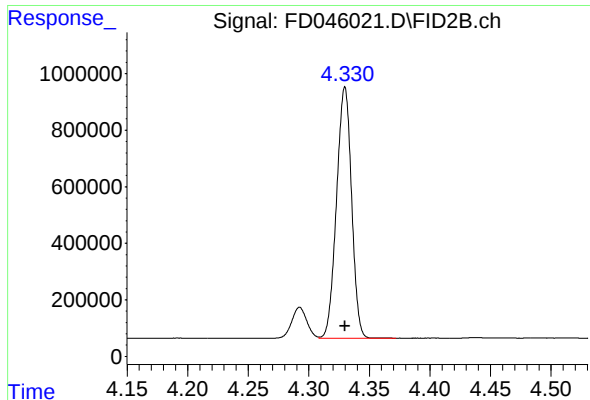
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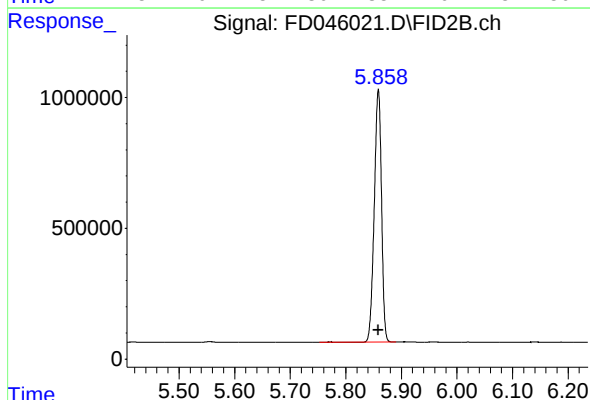




#1 1,2,3-Trimethylbenzene (C10.1)

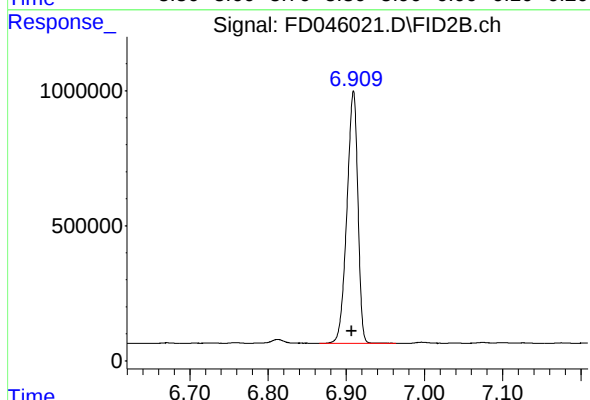
R.T.: 4.330 min
Delta R.T.: 0.000 min
Response: 7672111
Conc: 30.80 ug/ml

Instrument :
FID_D
ClientSampleId :
DUCT-1MS



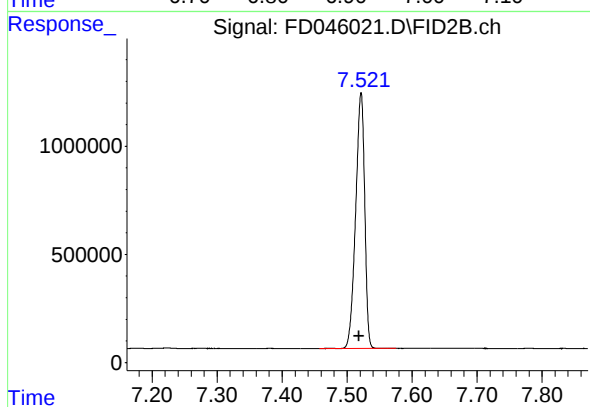
#2 Naphthalene (C11.7)

R.T.: 5.858 min
Delta R.T.: 0.000 min
Response: 8731682
Conc: 34.23 ug/ml



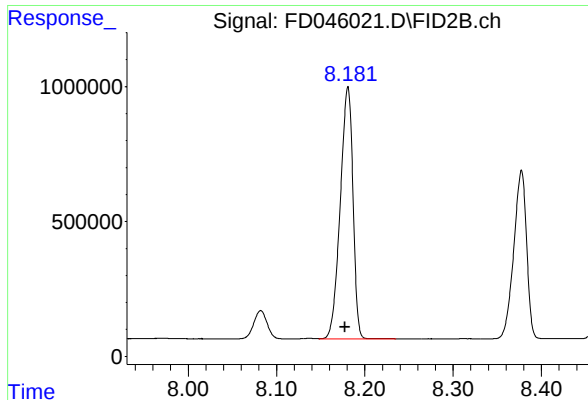
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.909 min
Delta R.T.: 0.002 min
Response: 9091765
Conc: 36.06 ug/ml



#4 2-Bromonaphthalene (SURR)

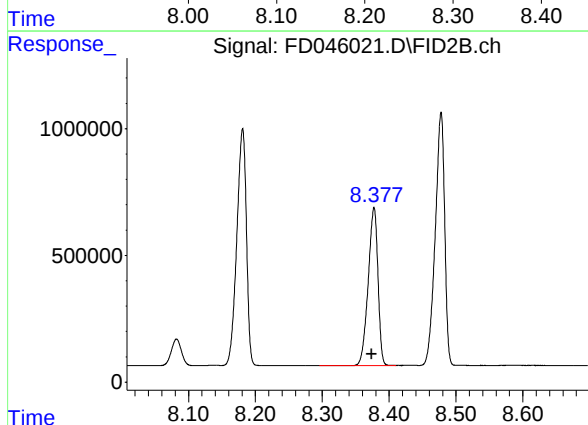
R.T.: 7.521 min
Delta R.T.: 0.003 min
Response: 11446624
Conc: 53.12 ug/ml



#5 Acenaphthylene (C15.06)

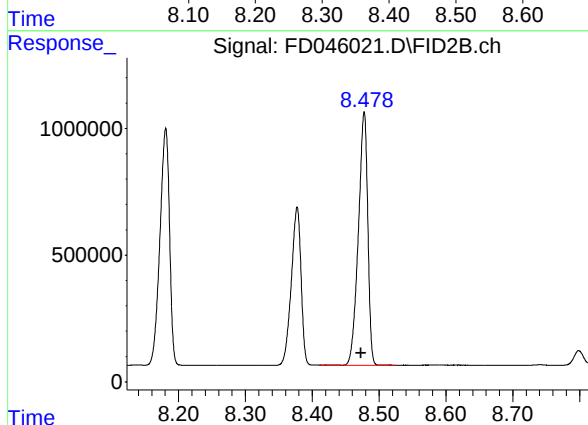
R.T.: 8.181 min
Delta R.T.: 0.003 min
Response: 9338250
Conc: 42.99 ug/ml

Instrument :
FID_D
ClientSampleId :
DUCT-1MS



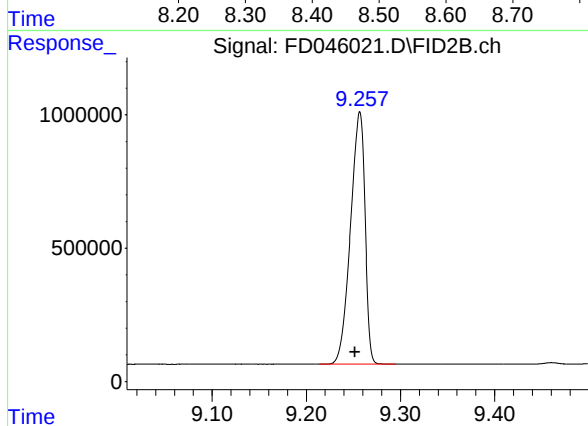
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.377 min
Delta R.T.: 0.004 min
Response: 6319622
Conc: 45.66 ug/ml



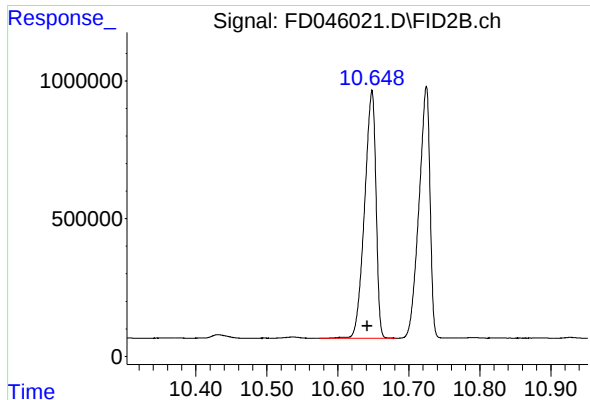
#7 Acenaphthene (C15.5)

R.T.: 8.477 min
Delta R.T.: 0.004 min
Response: 9802153
Conc: 41.58 ug/ml



#8 Flouorene (C16.55)

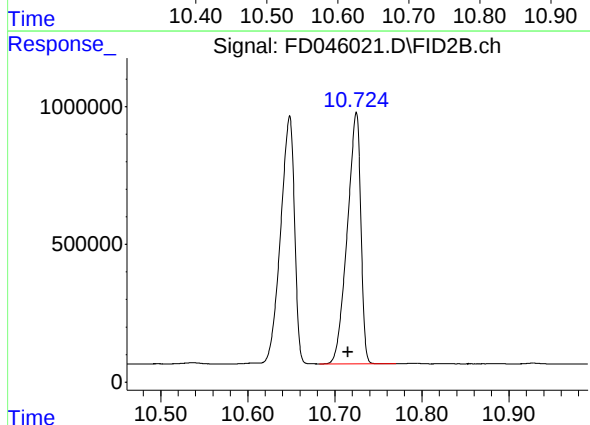
R.T.: 9.256 min
Delta R.T.: 0.005 min
Response: 10109995
Conc: 44.68 ug/ml



#9 Phenanthrene (C19.36)

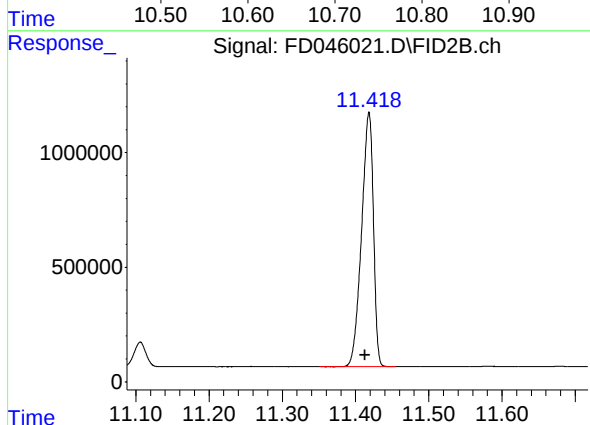
R.T.: 10.648 min
Delta R.T.: 0.006 min
Response: 10029033
Conc: 47.00 ug/ml

Instrument :
FID_D
ClientSampleId :
DUCT-1MS



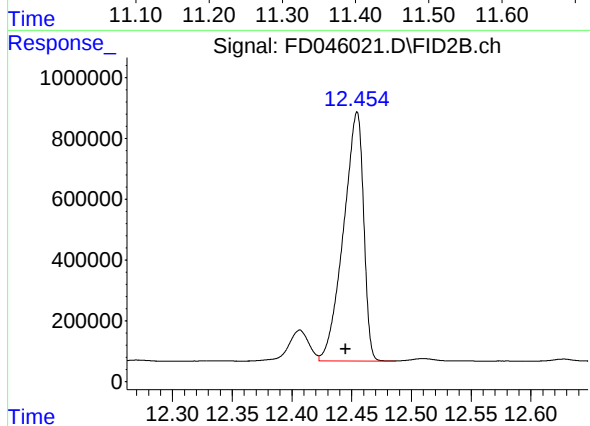
#10 Anthracene (C19.43)

R.T.: 10.724 min
Delta R.T.: 0.009 min
Response: 9845906
Conc: 61.97 ug/ml



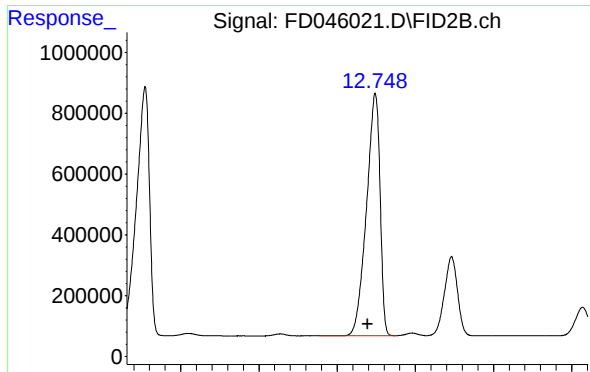
#11 ortho-Terphenyl (SURRE)

R.T.: 11.418 min
Delta R.T.: 0.005 min
Response: 12451236
Conc: 49.11 ug/ml



#12 Fluoranthene (C21.85)

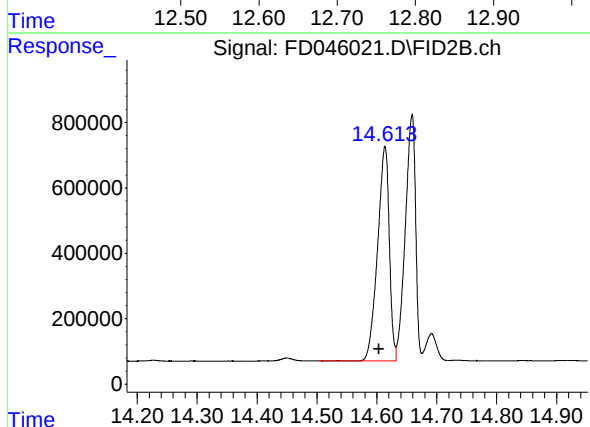
R.T.: 12.454 min
Delta R.T.: 0.009 min
Response: 9615392
Conc: 46.98 ug/ml



#13 Pyrene (C20.8)

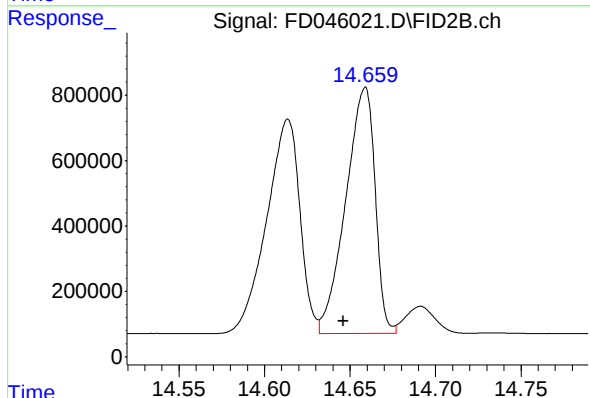
R.T.: 12.748 min
Delta R.T.: 0.009 min
Response: 9608381
Conc: 49.42 ug/ml

Instrument :
FID_D
ClientSampleId :
DUCT-1MS



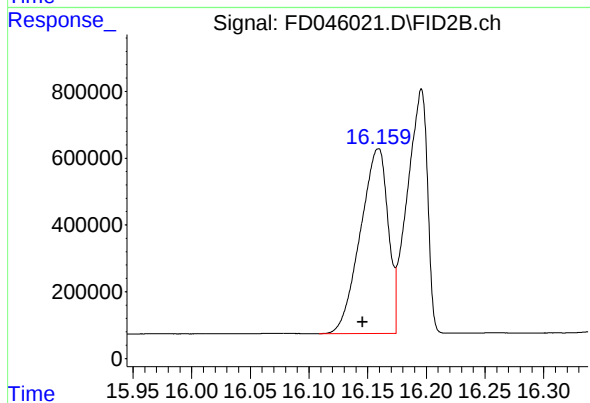
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.613 min
Delta R.T.: 0.010 min
Response: 8902024
Conc: 49.50 ug/ml



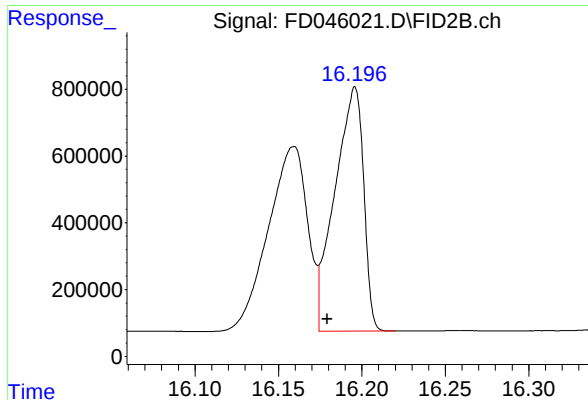
#15 Chrysene (C27.41)

R.T.: 14.658 min
Delta R.T.: 0.012 min
Response: 9001076
Conc: 45.86 ug/ml



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

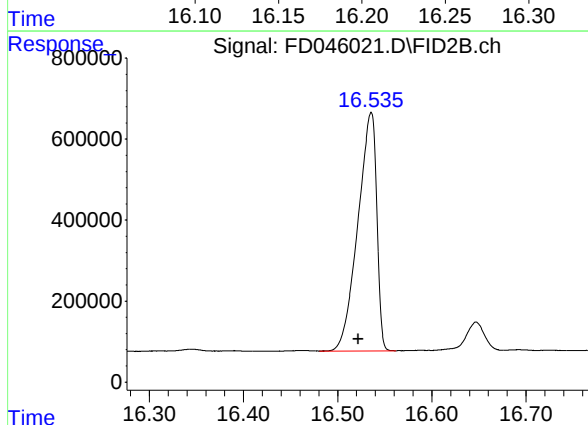
R.T.: 16.159 min
Delta R.T.: 0.013 min
Response: 9097519
Conc: 48.51 ug/ml



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

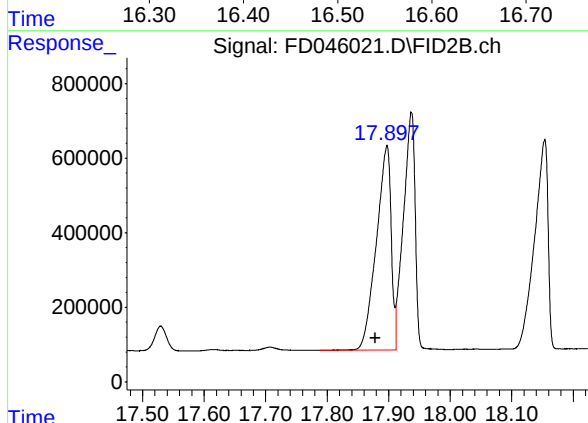
R.T.: 16.195 min
Delta R.T.: 0.016 min
Response: 8776530
Conc: 44.37 ug/ml

Instrument :
FID_D
ClientSampleId :
DUCT-1MS



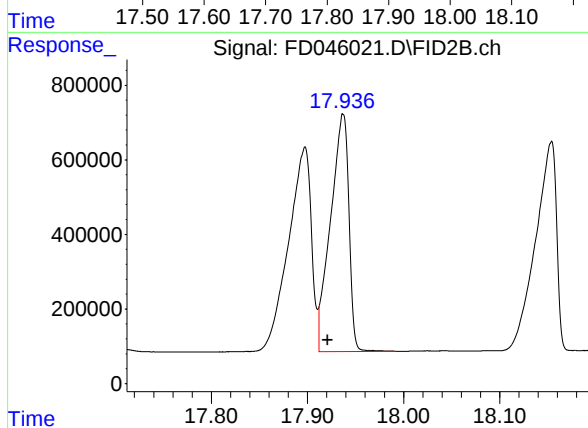
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.535 min
Delta R.T.: 0.013 min
Response: 8157216
Conc: 46.82 ug/ml



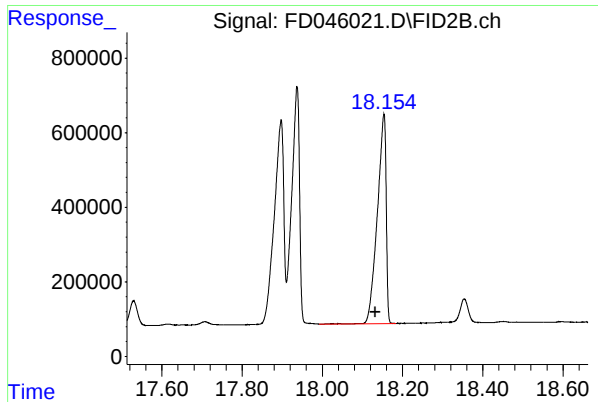
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.897 min
Delta R.T.: 0.018 min
Response: 9159837
Conc: 49.22 ug/ml



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

R.T.: 17.936 min
Delta R.T.: 0.015 min
Response: 8461864
Conc: 46.03 ug/ml



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

R.T.: 18.153 min
Delta R.T.: 0.020 min
Response: 8568001
Conc: 45.85 ug/ml

Instrument :
FID_D
ClientSampleId :
DUCT-1MS