

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD072423AR\
 Data File : FD046208.D
 Signal(s) : FID2B.ch
 Acq On : 24 Jul 2023 22:57
 Operator : YP/AJ
 Sample : 03580-03MS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 SAMPLE-2MS

Integration File: autoint1.e
 Quant Time: Jul 25 05:15:28 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 071923.M
 Quant Title : GC Extractables
 QLast Update : Thu Jul 20 03:07:14 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...	7.509	9940629	66.502 ug/ml
Spiked Amount 50.000		Recovery =	133.00%
6) S 2-Fluorobiphenyl (SURR)	8.364	5638618	60.233 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	120.47%
11) S ortho-Terphenyl (SURR)	11.402	8806042	50.424 ug/ml
Spiked Amount 50.000		Recovery =	100.85%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.320	7294530	40.037 ug/ml
2) T Naphthalene (C11.7)	5.847	8511803	47.127 ug/ml
3) T 2-Methylnaphthalene (...)	6.897	9195390	52.246 ug/ml
5) T Acenaphthylene (C15.06)	8.168	9531313	62.469 ug/ml
7) T Acenaphthene (C15.5)	8.465	10064361	61.721 ug/ml
8) T Fluorene (C16.55)	9.244	10128697	66.566 ug/ml
9) T Phenanthrene (C19.36)	10.634	10238767	71.104 ug/ml
10) T Anthracene (C19.43)	10.709	9697725	74.102 ug/ml
12) T Fluoranthene (C21.85)	12.439	10417134	74.551 ug/ml
13) T Pyrene (C20.8)	12.735	10284650	74.207 ug/ml
14) T Benzo[a]anthracene (C...	14.600	9320180	71.005 ug/ml
15) T Chrysene (C27.41)	14.645	9363094	66.404 ug/ml
16) T benzo[b]fluoranthene ...	16.145	9314813	68.109 ug/ml
17) T Bnezo[k]fluoranthene ...	16.145	9314813	67.956 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.521	8277098	63.578 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.882	8482899	70.530 ug/ml
20) T Dibenz[a,h]anthracene...	17.882	8482899	66.327 ug/ml
21) T Benzo[g,h,i]perylene ...	18.138	7946296	62.634 ug/ml

(f)=RT Delta > 1/2 Window

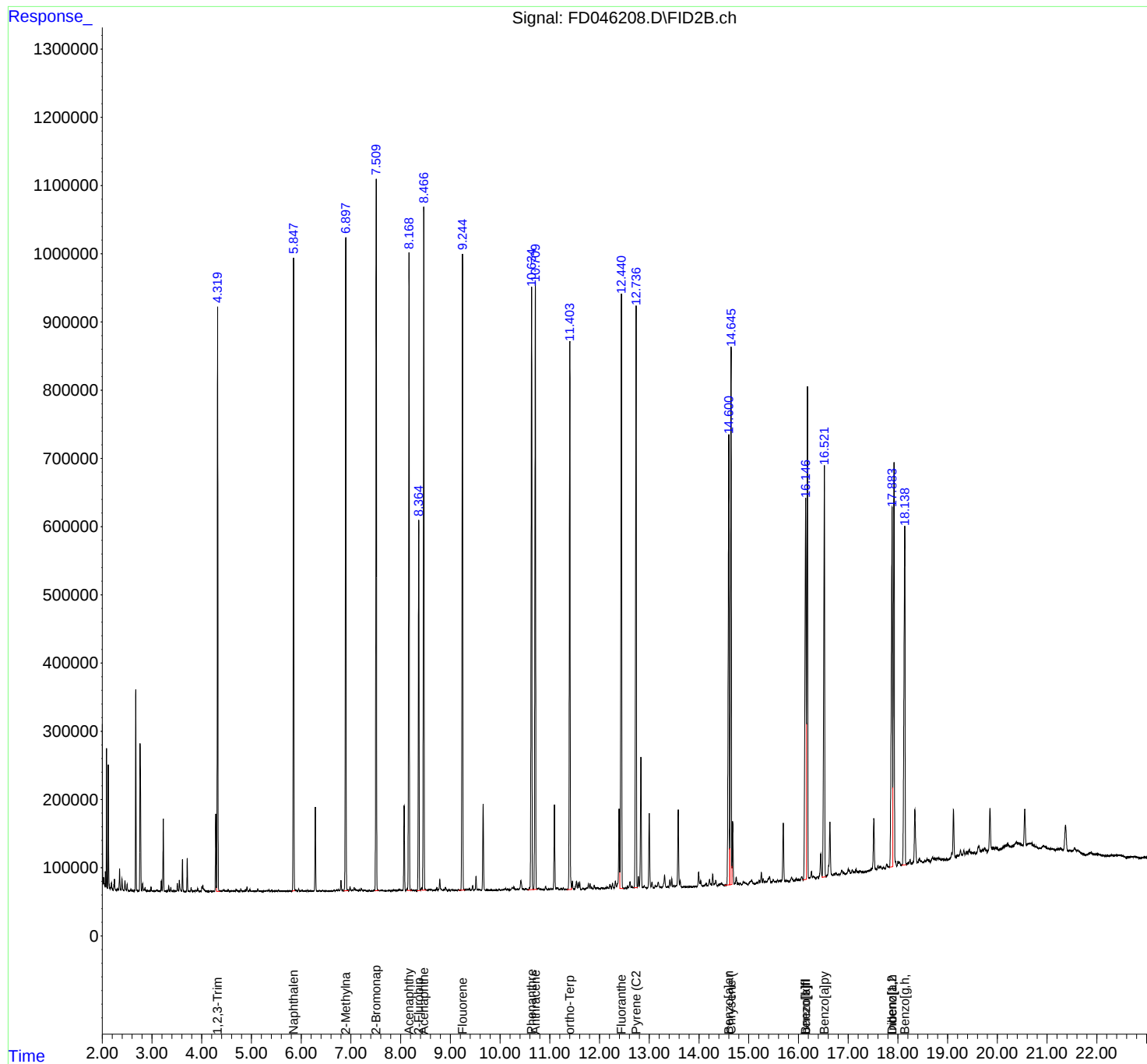
(m)=manual int.

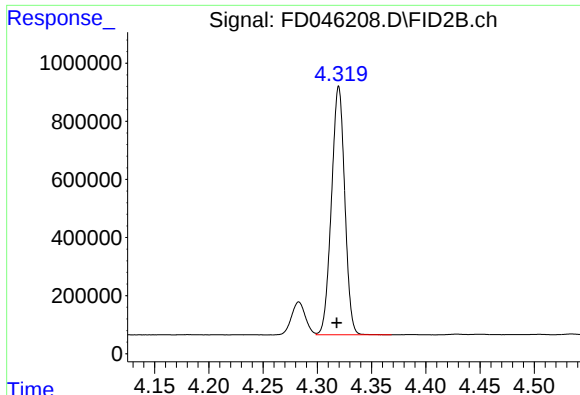
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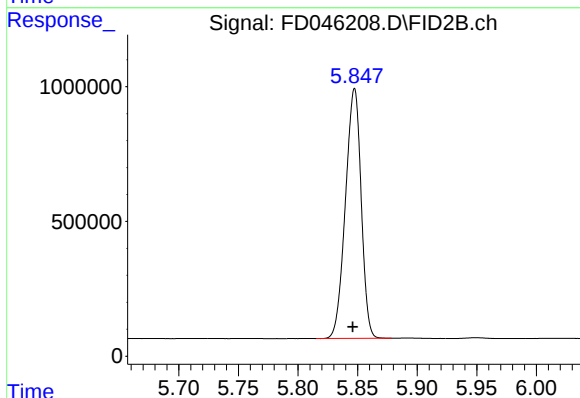




#1 1,2,3-Trimethylbenzene (C10.1)

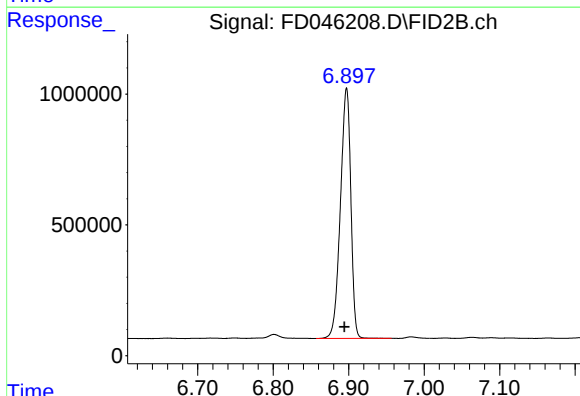
R.T.: 4.320 min
Delta R.T.: 0.002 min
Response: 7294530
Conc: 40.04 ug/ml

Instrument :
FID_D
ClientSampleId :
SAMPLE-2MS



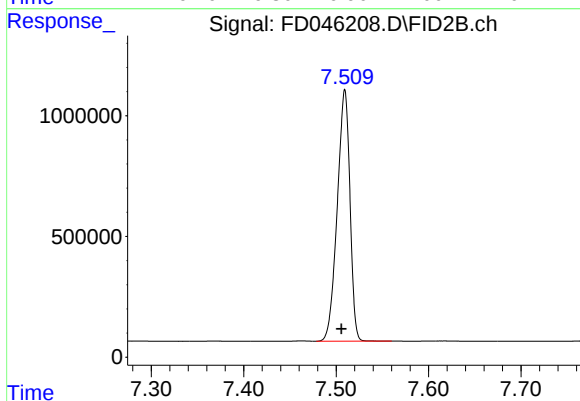
#2 Naphthalene (C11.7)

R.T.: 5.847 min
Delta R.T.: 0.001 min
Response: 8511803
Conc: 47.13 ug/ml



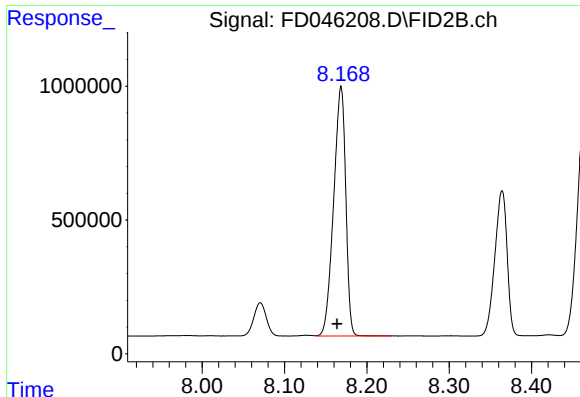
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.897 min
Delta R.T.: 0.003 min
Response: 9195390
Conc: 52.25 ug/ml



#4 2-Bromonaphthalene (SURR)

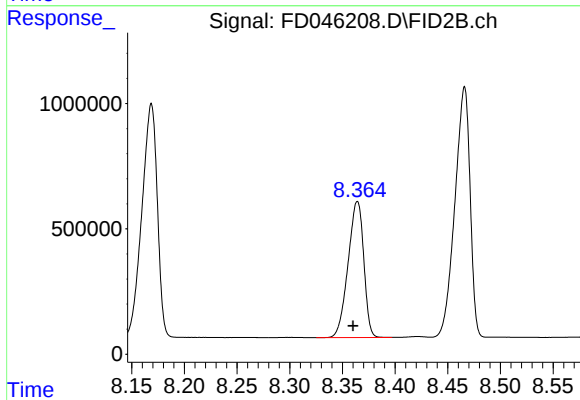
R.T.: 7.509 min
Delta R.T.: 0.003 min
Response: 9940629
Conc: 66.50 ug/ml



#5 Acenaphthylene (C15.06)

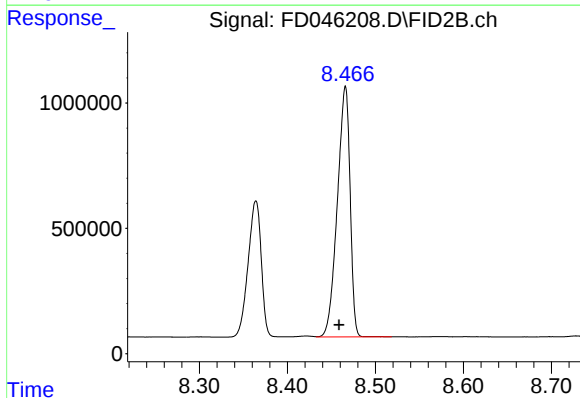
R.T.: 8.168 min
Delta R.T.: 0.004 min
Response: 9531313
Conc: 62.47 ug/ml

Instrument :
FID_D
ClientSampleId :
SAMPLE-2MS



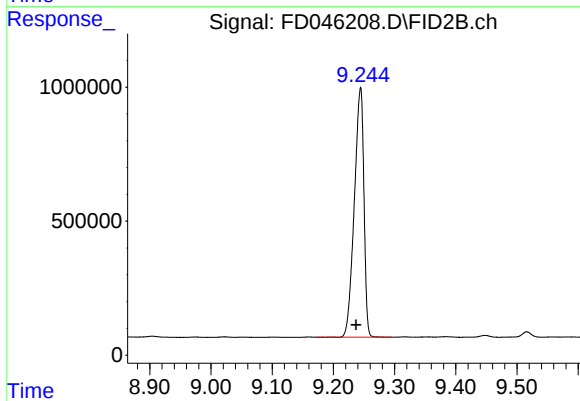
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.364 min
Delta R.T.: 0.004 min
Response: 5638618
Conc: 60.23 ug/ml



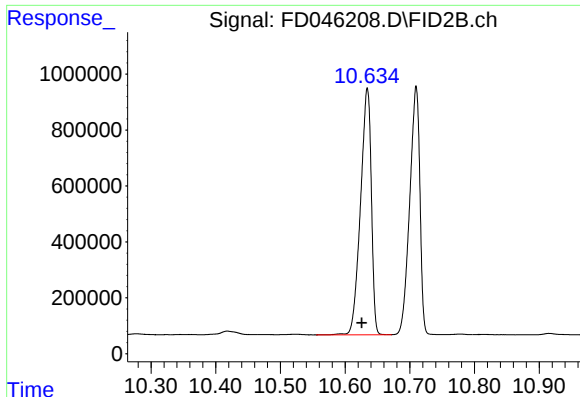
#7 Acenaphthene (C15.5)

R.T.: 8.465 min
Delta R.T.: 0.007 min
Response: 10064361
Conc: 61.72 ug/ml



#8 Fluorene (C16.55)

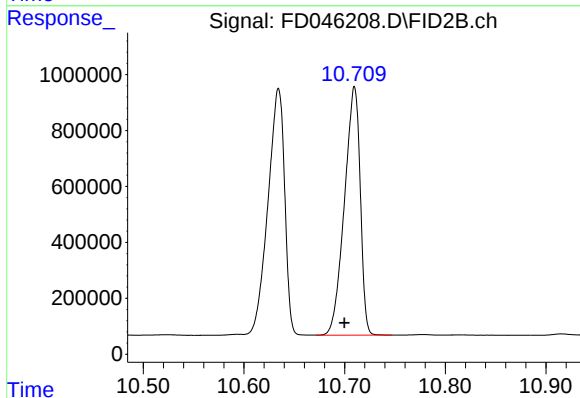
R.T.: 9.244 min
Delta R.T.: 0.007 min
Response: 10128697
Conc: 66.57 ug/ml



#9 Phenanthrene (C19.36)

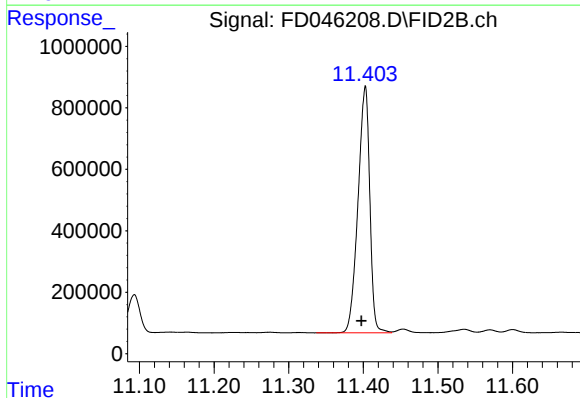
R.T.: 10.634 min
Delta R.T.: 0.008 min
Response: 10238767
Conc: 71.10 ug/ml

Instrument :
FID_D
ClientSampleId :
SAMPLE-2MS



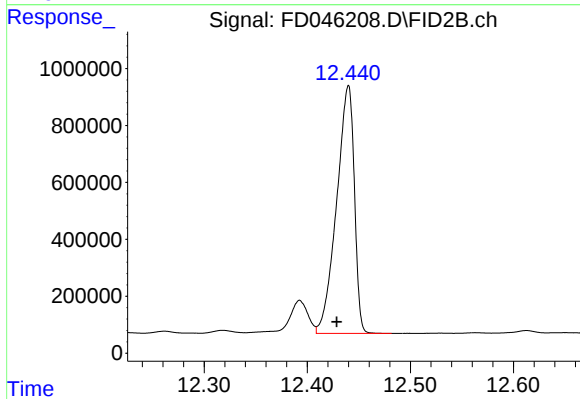
#10 Anthracene (C19.43)

R.T.: 10.709 min
Delta R.T.: 0.010 min
Response: 9697725
Conc: 74.10 ug/ml



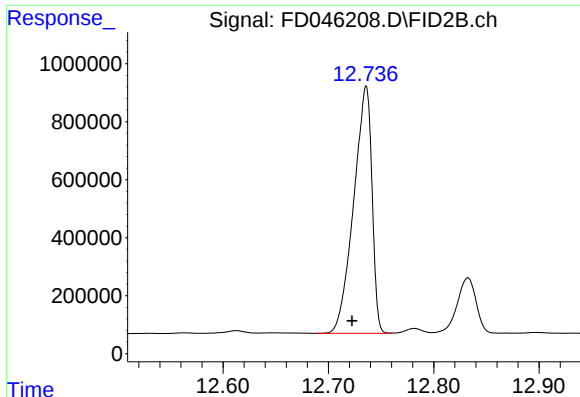
#11 ortho-Terphenyl (SURR)

R.T.: 11.402 min
Delta R.T.: 0.005 min
Response: 8806042
Conc: 50.42 ug/ml



#12 Fluoranthene (C21.85)

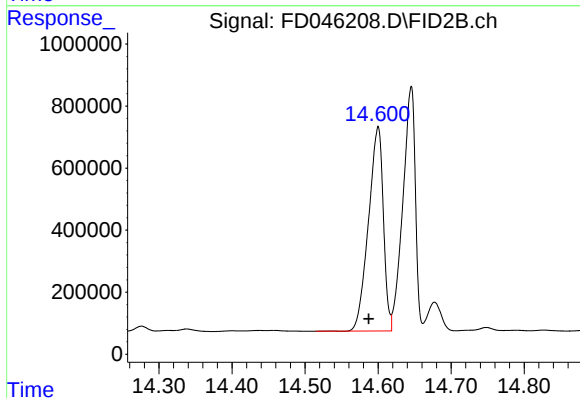
R.T.: 12.439 min
Delta R.T.: 0.011 min
Response: 10417134
Conc: 74.55 ug/ml



#13 Pyrene (C20.8)

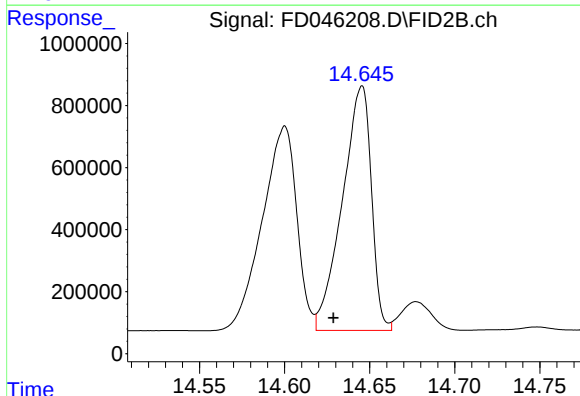
R.T.: 12.735 min
Delta R.T.: 0.013 min
Response: 10284650
Conc: 74.21 ug/ml

Instrument :
FID_D
ClientSampleId :
SAMPLE-2MS



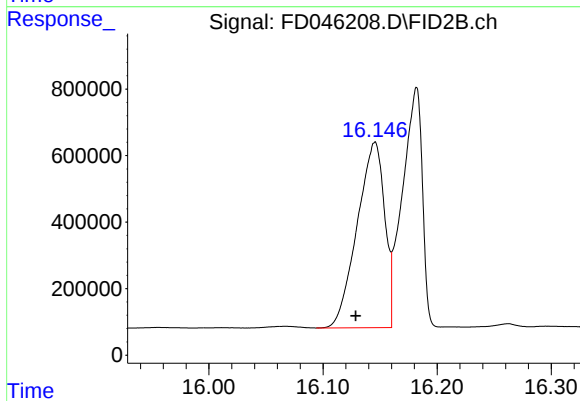
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.600 min
Delta R.T.: 0.012 min
Response: 9320180
Conc: 71.01 ug/ml



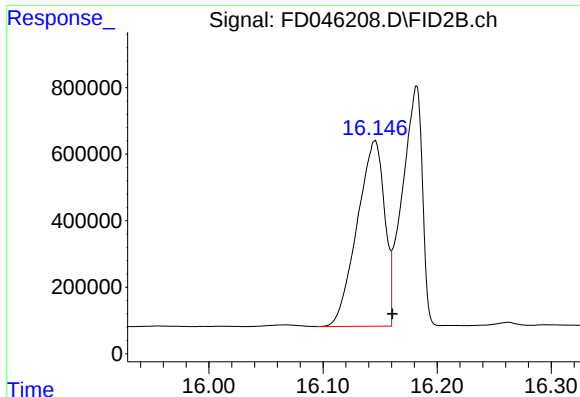
#15 Chrysene (C27.41)

R.T.: 14.645 min
Delta R.T.: 0.016 min
Response: 9363094
Conc: 66.40 ug/ml



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

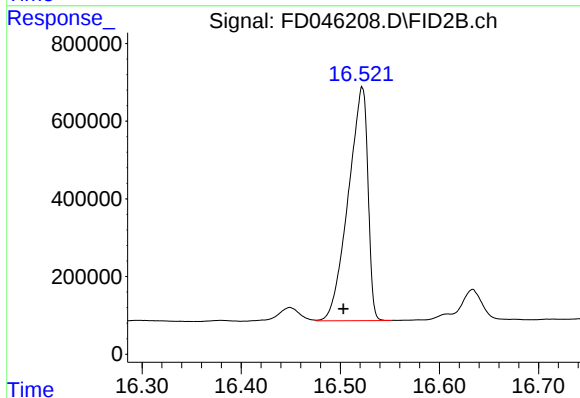
R.T.: 16.145 min
Delta R.T.: 0.017 min
Response: 9314813
Conc: 68.11 ug/ml



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

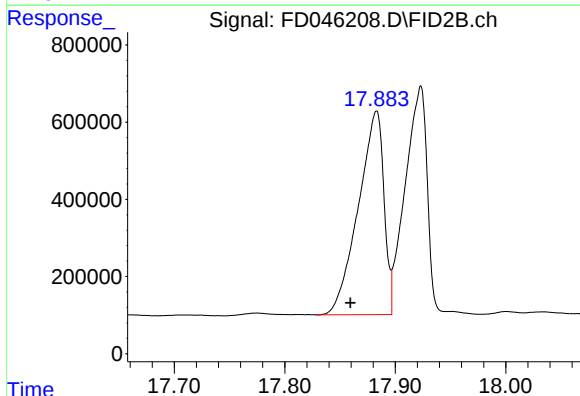
R.T.: 16.145 min
Delta R.T.: -0.016 min
Response: 9314813
Conc: 67.96 ug/ml

Instrument :
FID_D
ClientSampleId :
SAMPLE-2MS



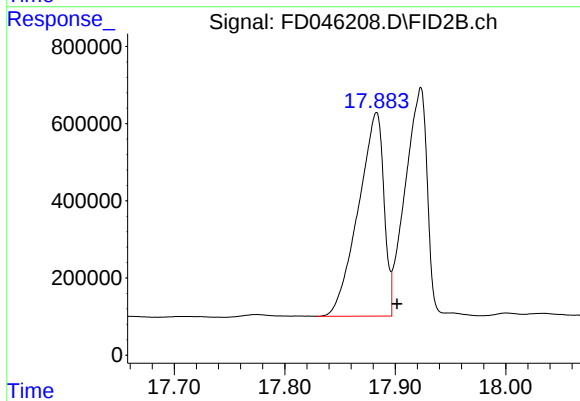
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.521 min
Delta R.T.: 0.018 min
Response: 8277098
Conc: 63.58 ug/ml



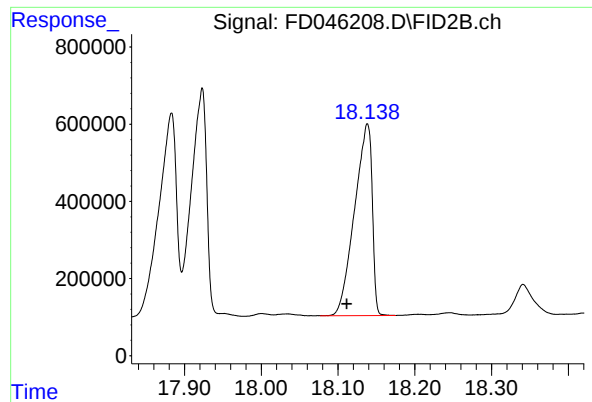
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.882 min
Delta R.T.: 0.023 min
Response: 8482899
Conc: 70.53 ug/ml



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

R.T.: 17.882 min
Delta R.T.: -0.019 min
Response: 8482899
Conc: 66.33 ug/ml



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

R.T.: 18.138 min
Delta R.T.: 0.026 min
Response: 7946296
Conc: 62.63 ug/ml

Instrument :
FID_D
ClientSampleId :
SAMPLE-2MS