

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050224AR\
 Data File : FD047619.D
 Signal(s) : FID2B.ch
 Acq On : 02 May 2024 17:19
 Operator : YP/AJ
 Sample : PB160667BS
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 03 01:56:29 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...	7.463	9149612	58.341 ug/ml
Spiked Amount 50.000		Recovery =	116.68%
6) S 2-Fluorobiphenyl (SURR)	8.316	5068857	48.458 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	96.92%
11) S ortho-Terphenyl (SURR)	11.357	9212270	49.123 ug/ml
Spiked Amount 50.000		Recovery =	98.25%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.274	5966904	36.906 ug/ml
2) T Naphthalene (C11.7)	5.799	6934500	40.983 ug/ml
3) T 2-Methylnaphthalene (...)	6.849	7202296	42.281 ug/ml
5) T Acenaphthylene (C15.06)	8.120	7920755	48.568 ug/ml
7) T Acenaphthene (C15.5)	8.415	7667714	45.615 ug/ml
8) T Flouorene (C16.55)	9.194	8278094	49.765 ug/ml
9) T Phenanthrene (C19.36)	10.585	8659990	52.896 ug/ml
10) T Anthracene (C19.43)	10.661	8585337	57.318 ug/ml
12) T Fluoranthene (C21.85)	12.393	8978807	54.111 ug/ml
13) T Pyrene (C20.8)	12.689	9146307	56.212 ug/ml
14) T Benzo[a]anthracene (C...	14.557	8684355	59.493 ug/ml
15) T Chrysene (C27.41)	14.602	8632026	54.777 ug/ml
16) T benzo[b]fluoranthene ...	16.105	8483365	56.799 ug/ml
17) T Bnezo[k]fluoranthene ...	16.105	8483365	56.349 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.483	8206634	56.875 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.849	8403997	61.922 ug/ml
20) T Dibenz[a,h]anthracene...	17.887	7790438	54.412 ug/ml
21) T Benzo[g,h,i]perylene ...	18.102	7614343	55.459 ug/ml

(f)=RT Delta > 1/2 Window

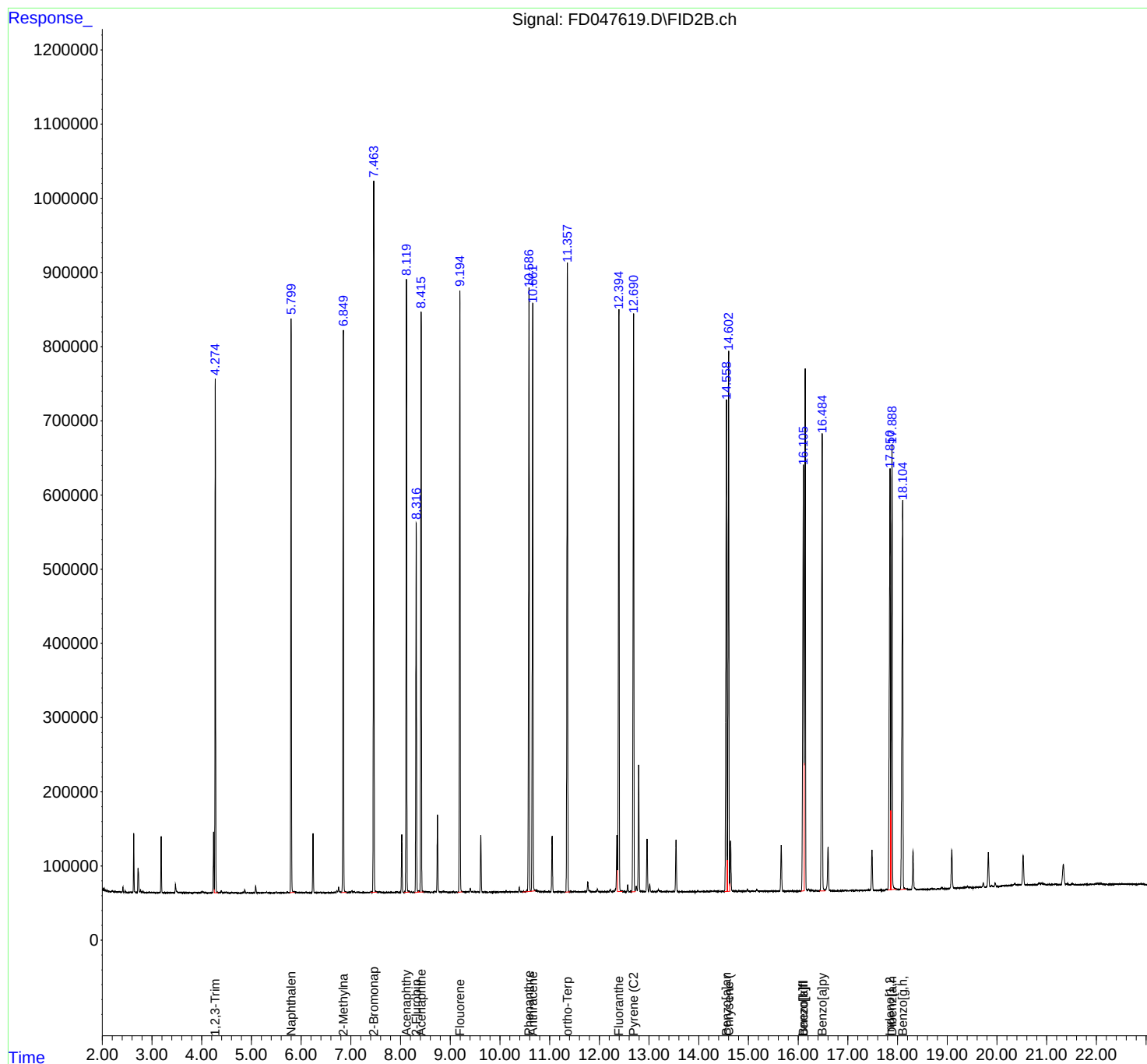
(m)=manual int.

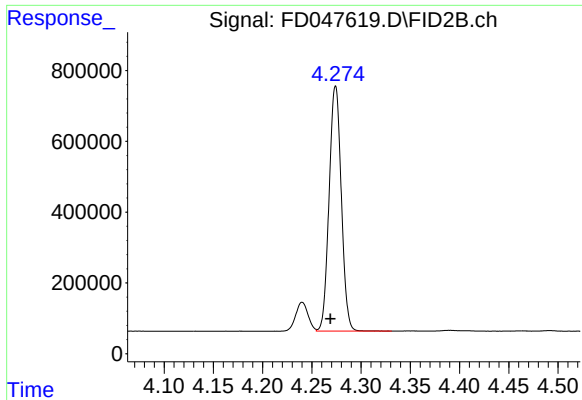
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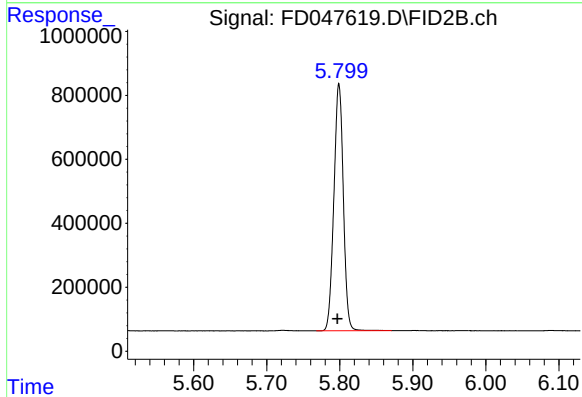




#1 1,2,3-Trimethylbenzene (C10.1)

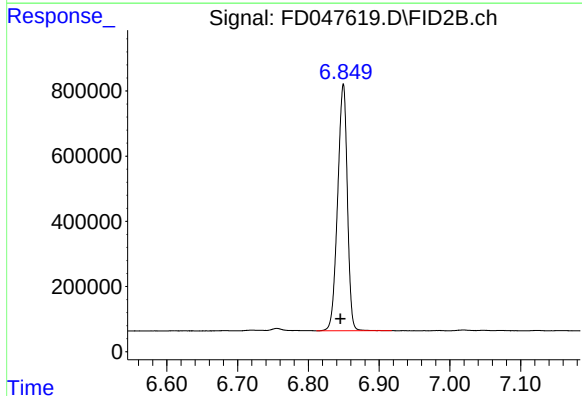
R.T.: 4.274 min
Delta R.T.: 0.005 min
Response: 5966904
Conc: 36.91 ug/ml

Instrument :
FID_D
ClientSampleId :



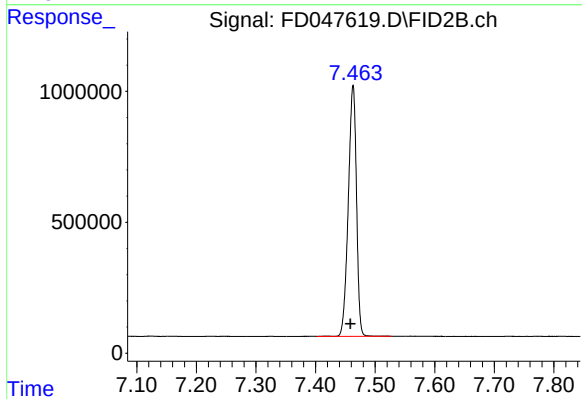
#2 Naphthalene (C11.7)

R.T.: 5.799 min
Delta R.T.: 0.002 min
Response: 6934500
Conc: 40.98 ug/ml



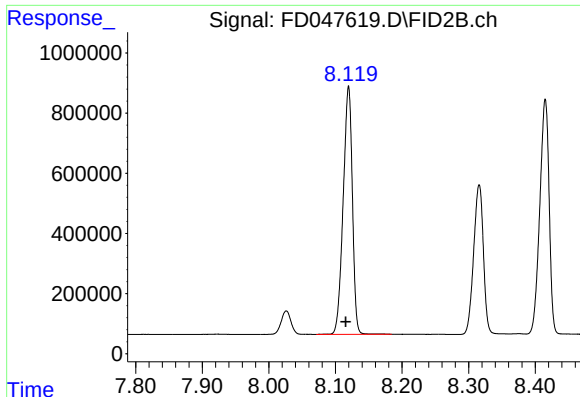
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.849 min
Delta R.T.: 0.004 min
Response: 7202296
Conc: 42.28 ug/ml



#4 2-Bromonaphthalene (SURR)

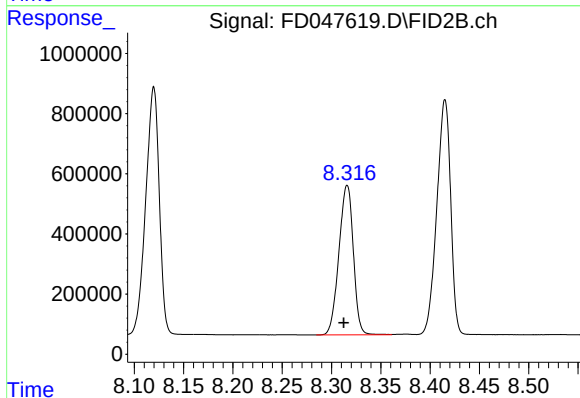
R.T.: 7.463 min
Delta R.T.: 0.004 min
Response: 9149612
Conc: 58.34 ug/ml



#5 Acenaphthylene (C15.06)

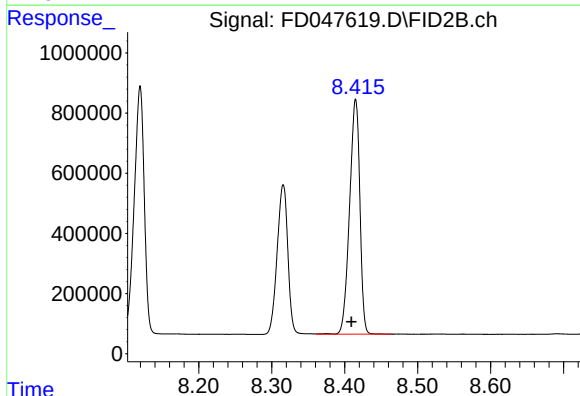
R.T.: 8.120 min
Delta R.T.: 0.004 min
Response: 7920755
Conc: 48.57 ug/ml

Instrument :
FID_D
ClientSampleId :



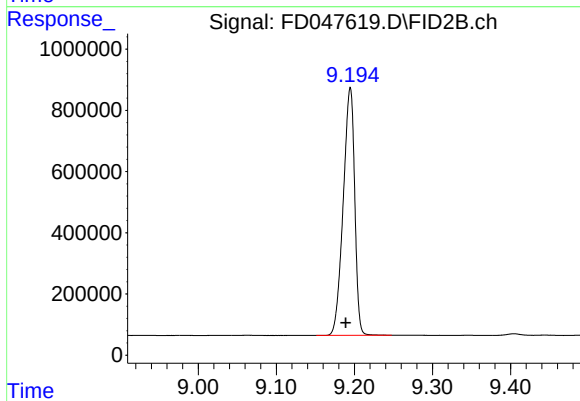
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.316 min
Delta R.T.: 0.003 min
Response: 5068857
Conc: 48.46 ug/ml



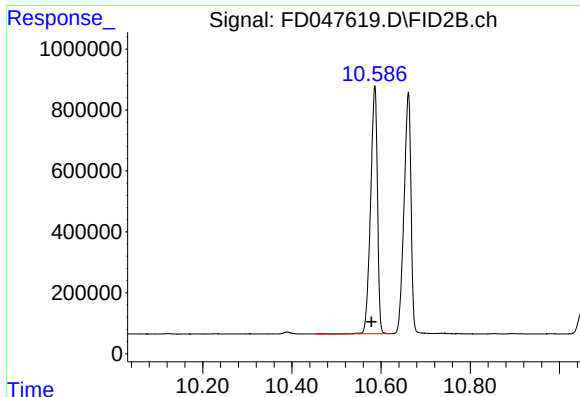
#7 Acenaphthene (C15.5)

R.T.: 8.415 min
Delta R.T.: 0.005 min
Response: 7667714
Conc: 45.62 ug/ml



#8 Fluorene (C16.55)

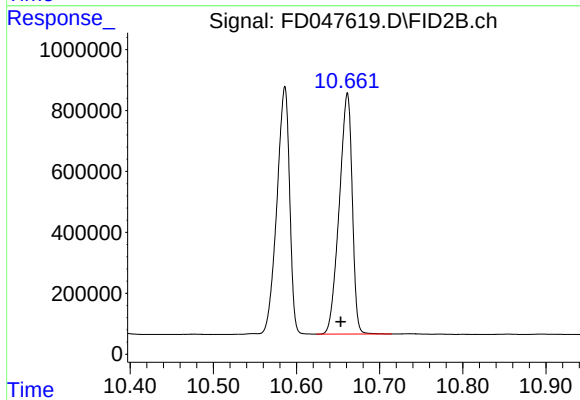
R.T.: 9.194 min
Delta R.T.: 0.005 min
Response: 8278094
Conc: 49.77 ug/ml



#9 Phenanthrene (C19.36)

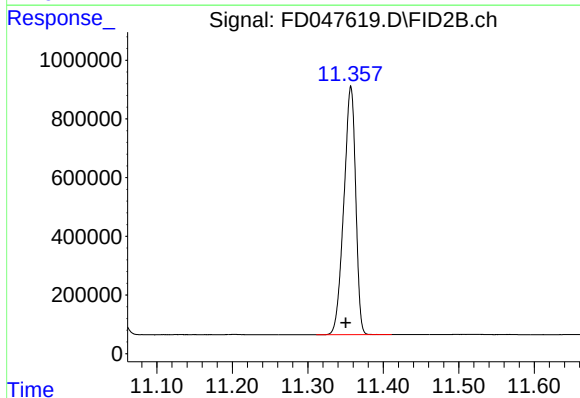
R.T.: 10.585 min
Delta R.T.: 0.007 min
Response: 8659990
Conc: 52.90 ug/ml

Instrument :
FID_D
ClientSampleId :



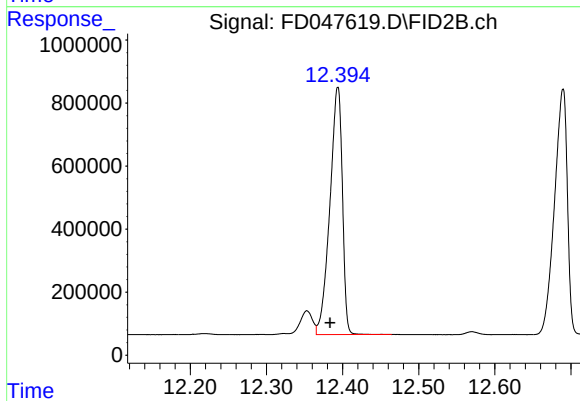
#10 Anthracene (C19.43)

R.T.: 10.661 min
Delta R.T.: 0.007 min
Response: 8585337
Conc: 57.32 ug/ml



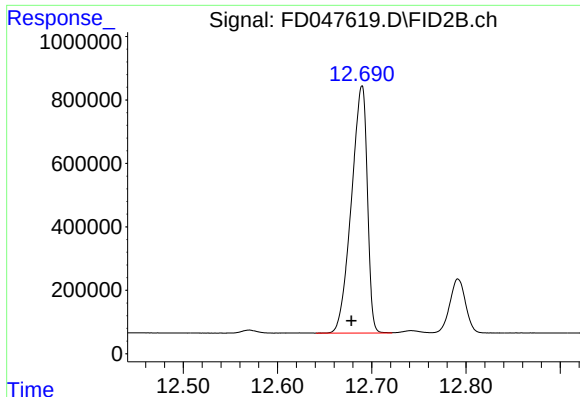
#11 ortho-Terphenyl (SURR)

R.T.: 11.357 min
Delta R.T.: 0.007 min
Response: 9212270
Conc: 49.12 ug/ml



#12 Fluoranthene (C21.85)

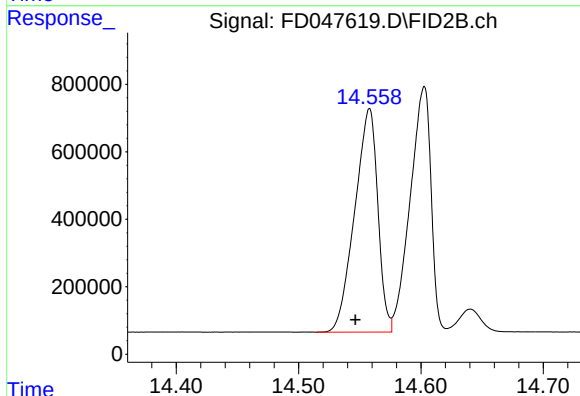
R.T.: 12.393 min
Delta R.T.: 0.010 min
Response: 8978807
Conc: 54.11 ug/ml



#13 Pyrene (C20.8)

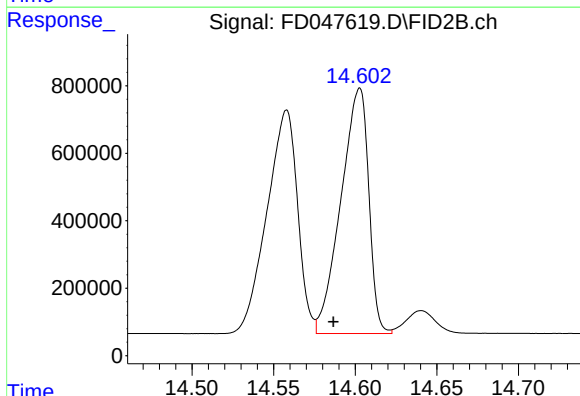
R.T.: 12.689 min
Delta R.T.: 0.011 min
Response: 9146307
Conc: 56.21 ug/ml

Instrument :
FID_D
ClientSampleId :



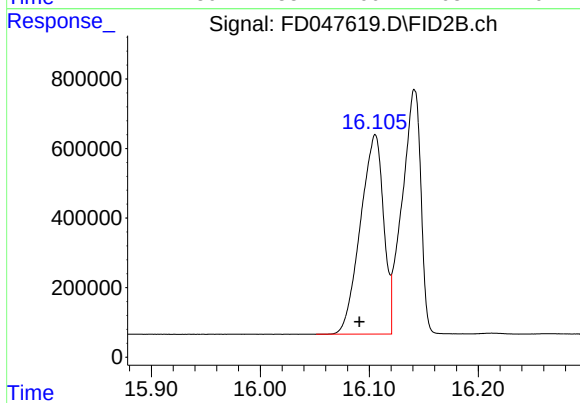
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.557 min
Delta R.T.: 0.011 min
Response: 8684355
Conc: 59.49 ug/ml



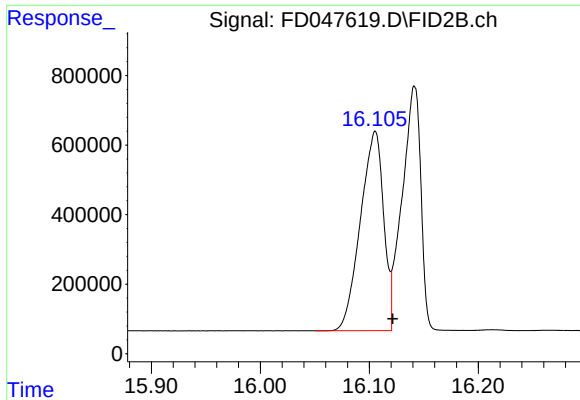
#15 Chrysene (C27.41)

R.T.: 14.602 min
Delta R.T.: 0.015 min
Response: 8632026
Conc: 54.78 ug/ml



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

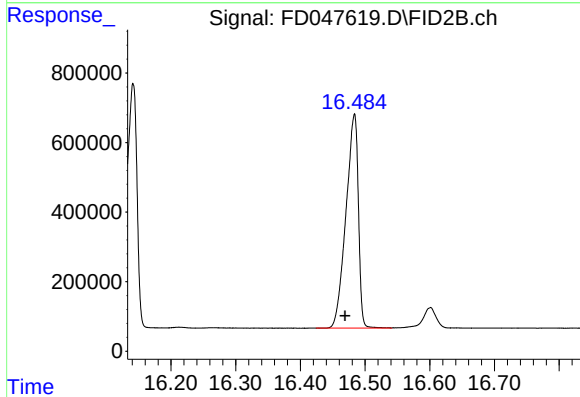
R.T.: 16.105 min
Delta R.T.: 0.014 min
Response: 8483365
Conc: 56.80 ug/ml



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

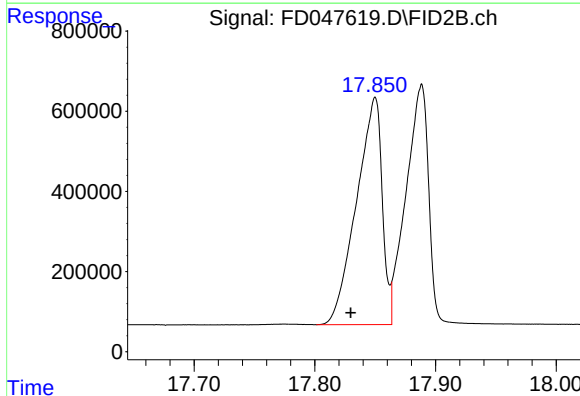
R.T.: 16.105 min
Delta R.T.: -0.017 min
Response: 8483365
Conc: 56.35 ug/ml

Instrument :
FID_D
ClientSampleId :



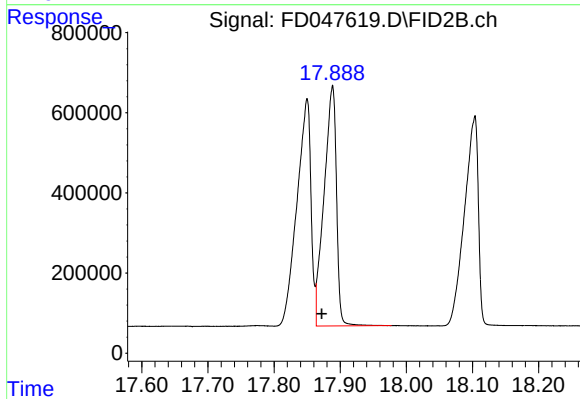
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.483 min
Delta R.T.: 0.014 min
Response: 8206634
Conc: 56.88 ug/ml



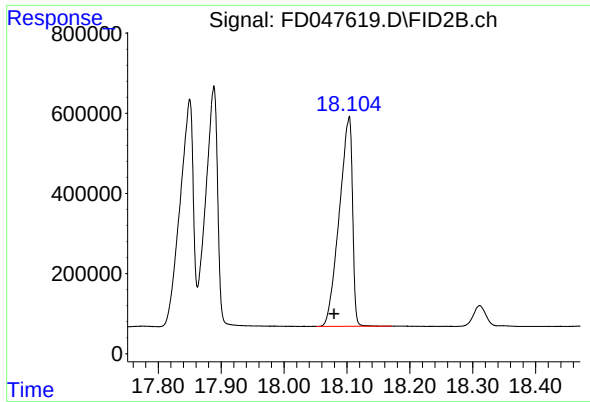
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.849 min
Delta R.T.: 0.019 min
Response: 8403997
Conc: 61.92 ug/ml



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

R.T.: 17.887 min
Delta R.T.: 0.015 min
Response: 7790438
Conc: 54.41 ug/ml



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

R.T.: 18.102 min
Delta R.T.: 0.022 min
Response: 7614343
Conc: 55.46 ug/ml

Instrument :
FID_D
ClientSampleId :