

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD013025AR\
 Data File : FD049011.D
 Signal(s) : FID2B.ch
 Acq On : 30 Jan 2025 08:48
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jan 31 00:48:43 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 012425.M
 Quant Title : GC Extractables
 QLast Update : Sat Jan 25 03:38:15 2025
 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...	7.356	2862202	20.111 ug/ml
Spiked Amount 50.000		Recovery =	40.22%
6) S 2-Fluorobiphenyl (SURR)	8.208	1709270	20.088 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.18%
11) S ortho-Terphenyl (SURR)	11.238	3229668	19.639 ug/ml
Spiked Amount 50.000		Recovery =	39.28%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.179	3138311	20.359 ug/ml
2) T Naphthalene (C11.7)	5.697	3199968	20.471 ug/ml
3) T 2-Methylnaphthalene (...)	6.744	3143397	20.263 ug/ml
5) T Acenaphthylene (C15.06)	8.008	3233372	19.771 ug/ml
7) T Acenaphthene (C15.5)	8.301	3320767	19.771 ug/ml
8) T Flouorene (C16.55)	9.082	3129219	20.004 ug/ml
9) T Phenanthrene (C19.36)	10.468	3029340	19.890 ug/ml
10) T Anthracene (C19.43)	10.546	3041130	19.965 ug/ml
12) T Fluoranthene (C21.85)	12.272	3139346	19.958 ug/ml
13) T Pyrene (C20.8)	12.564	3089356	19.611 ug/ml
14) T Benzo[a]anthracene (C...	14.434	2719912	21.137 ug/ml
15) T Chrysene (C27.41)	14.474	3302248	19.529 ug/ml
16) T benzo[b]fluoranthene ...	15.981	2858896	20.924 ug/ml
17) T Bnezo[k]fluoranthene ...	16.012	3168452	19.564 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.361	2656846	19.090 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.727	2009845	19.271 ug/ml
20) T Dibenz[a,h]anthracene...	17.769	2986672	20.922 ug/ml
21) T Benzo[g,h,i]perylene ...	17.972	2883078	20.212 ug/ml

(f)=RT Delta > 1/2 Window

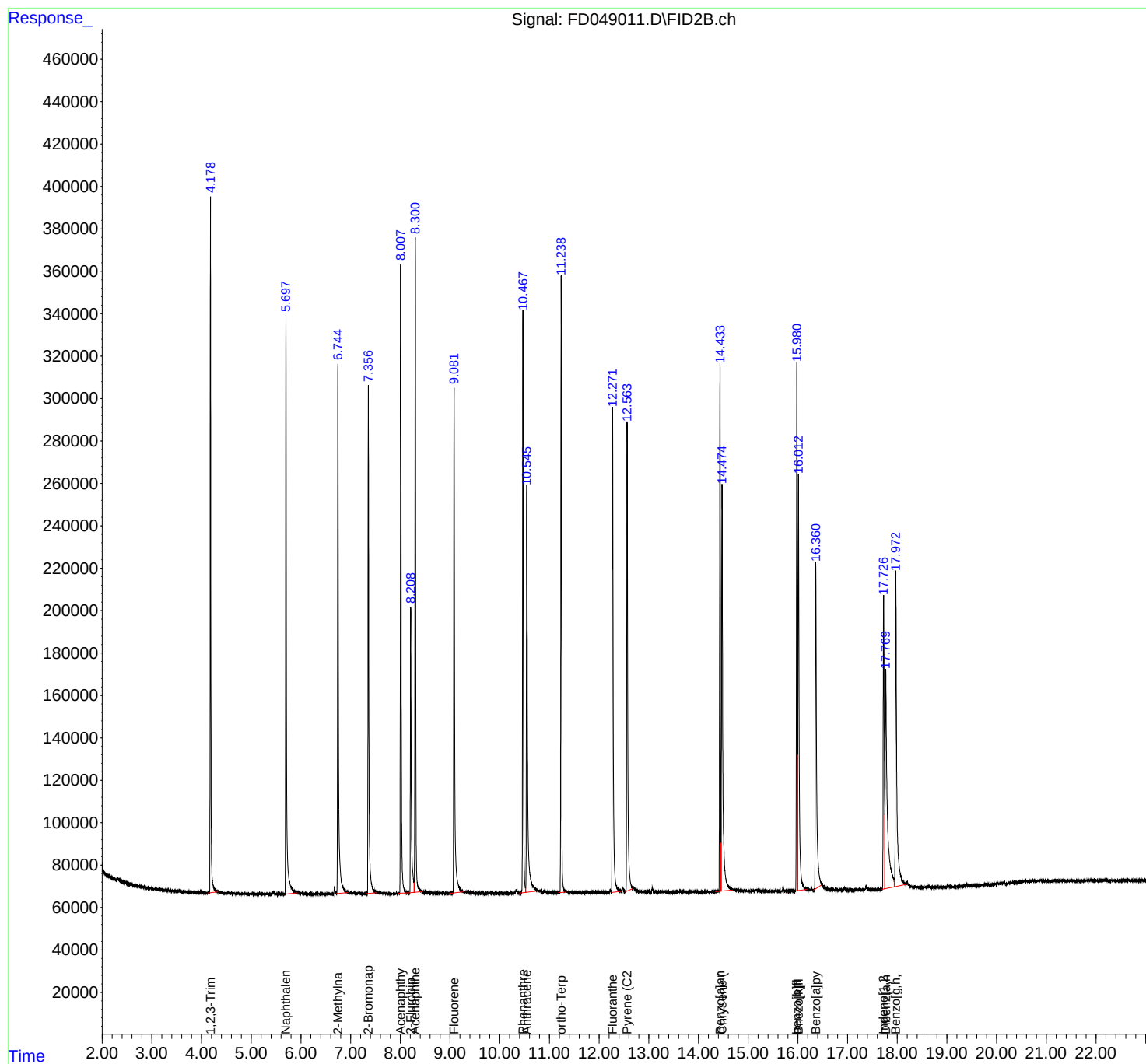
(m)=manual int.

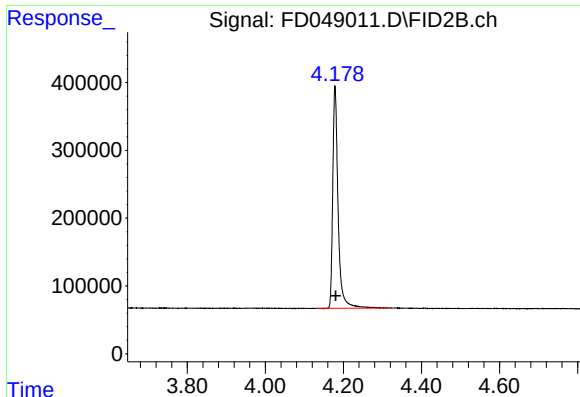
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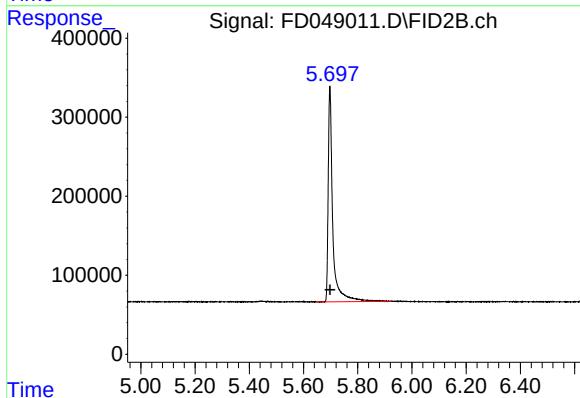




#1 1,2,3-Trimethylbenzene (C10.1)

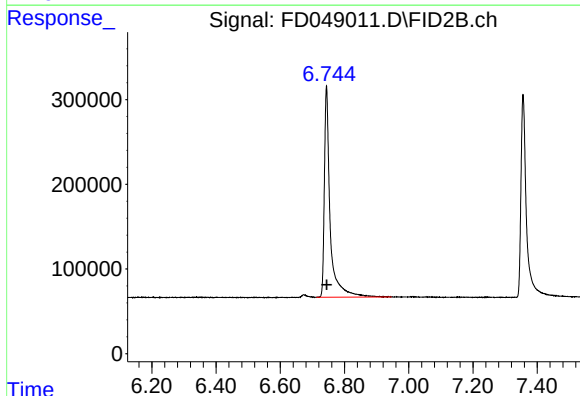
R.T.: 4.179 min
Delta R.T.: -0.001 min
Response: 3138311
Conc: 20.36 ug/ml

Instrument :
FID_D
ClientSampleId :



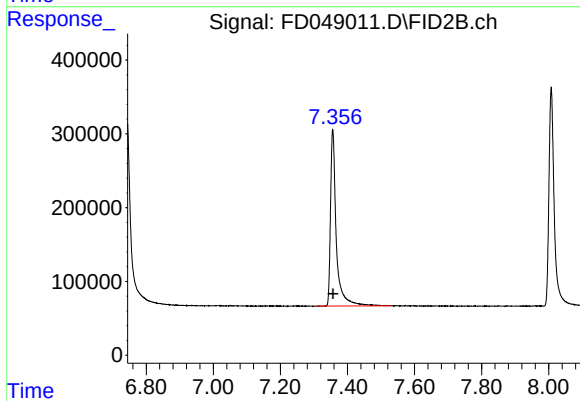
#2 Naphthalene (C11.7)

R.T.: 5.697 min
Delta R.T.: -0.001 min
Response: 3199968
Conc: 20.47 ug/ml



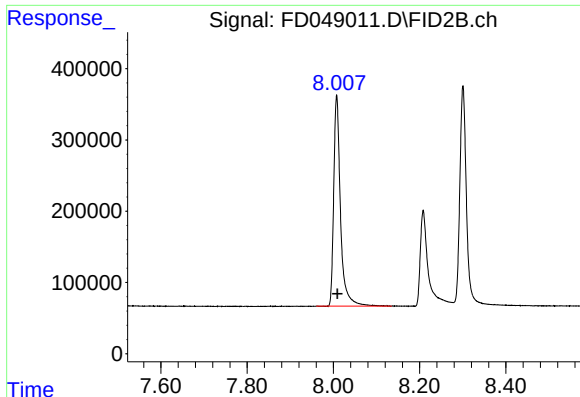
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.744 min
Delta R.T.: 0.000 min
Response: 3143397
Conc: 20.26 ug/ml



#4 2-Bromonaphthalene (SURR)

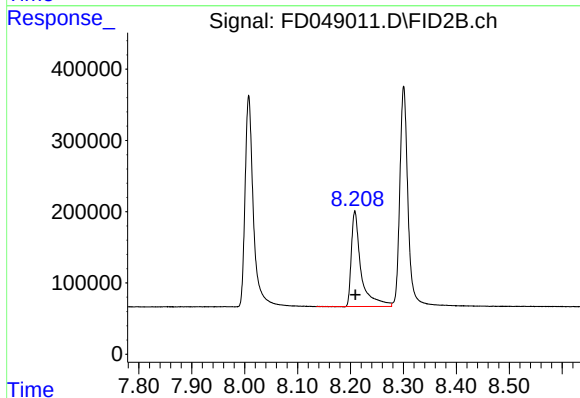
R.T.: 7.356 min
Delta R.T.: -0.002 min
Response: 2862202
Conc: 20.11 ug/ml



#5 Acenaphthylene (C15.06)

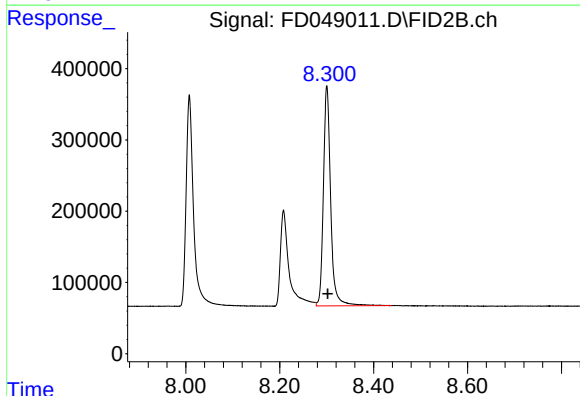
R.T.: 8.008 min
Delta R.T.: -0.002 min
Response: 3233372
Conc: 19.77 ug/ml

Instrument :
FID_D
ClientSampleId :



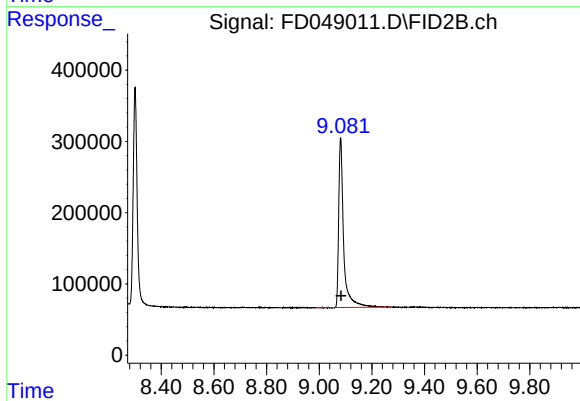
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.208 min
Delta R.T.: 0.000 min
Response: 1709270
Conc: 20.09 ug/ml



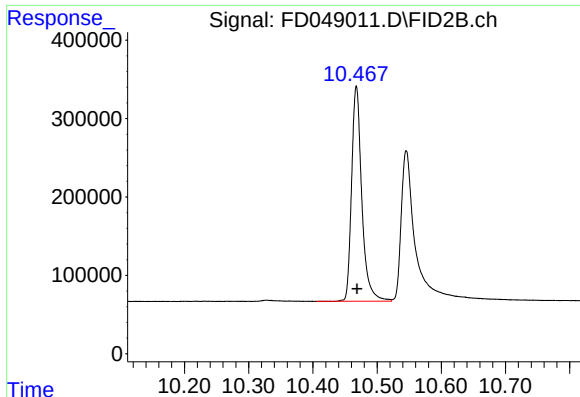
#7 Acenaphthene (C15.5)

R.T.: 8.301 min
Delta R.T.: -0.002 min
Response: 3320767
Conc: 19.77 ug/ml



#8 Flouorene (C16.55)

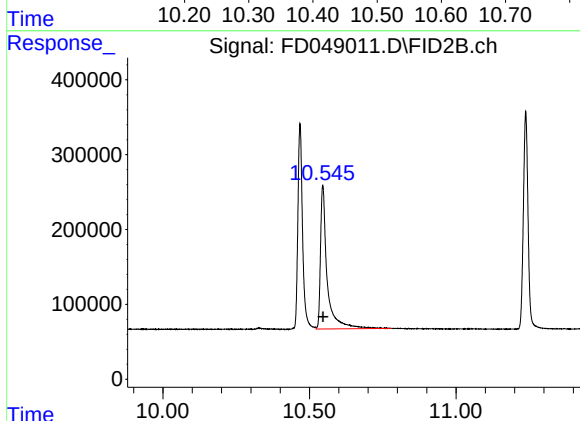
R.T.: 9.082 min
Delta R.T.: -0.001 min
Response: 3129219
Conc: 20.00 ug/ml



#9 Phenanthrene (C19.36)

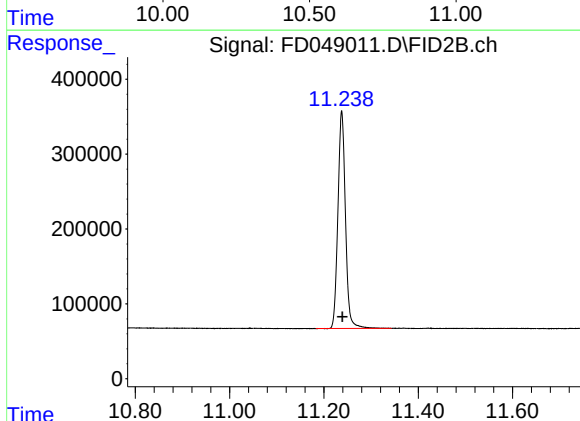
R.T.: 10.468 min
Delta R.T.: 0.000 min
Response: 3029340
Conc: 19.89 ug/ml

Instrument :
FID_D
ClientSampleId :



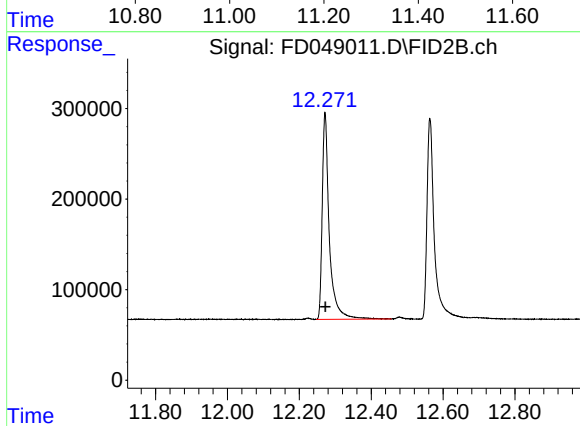
#10 Anthracene (C19.43)

R.T.: 10.546 min
Delta R.T.: 0.000 min
Response: 3041130
Conc: 19.96 ug/ml



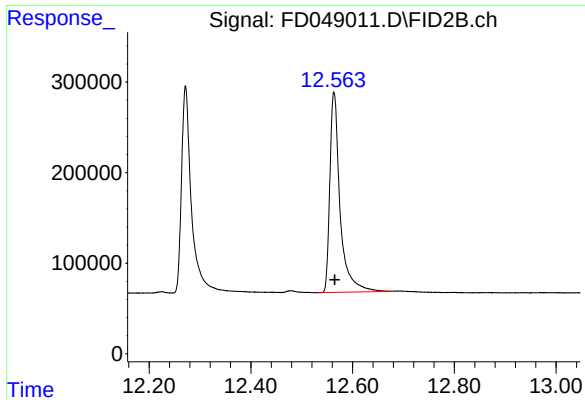
#11 ortho-Terphenyl (SURR)

R.T.: 11.238 min
Delta R.T.: -0.001 min
Response: 3229668
Conc: 19.64 ug/ml



#12 Fluoranthene (C21.85)

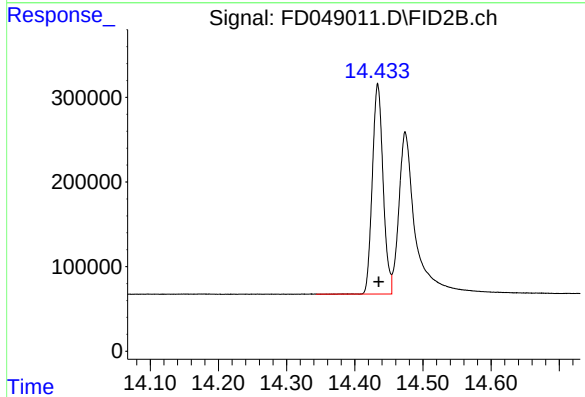
R.T.: 12.272 min
Delta R.T.: -0.001 min
Response: 3139346
Conc: 19.96 ug/ml



#13 Pyrene (C20.8)

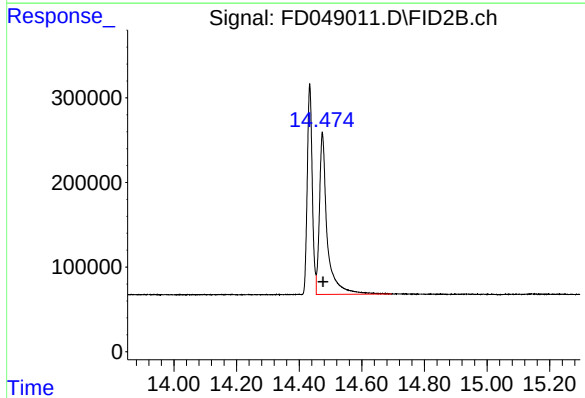
R.T.: 12.564 min
Delta R.T.: -0.002 min
Response: 3089356
Conc: 19.61 ug/ml

Instrument :
FID_D
ClientSampleId :



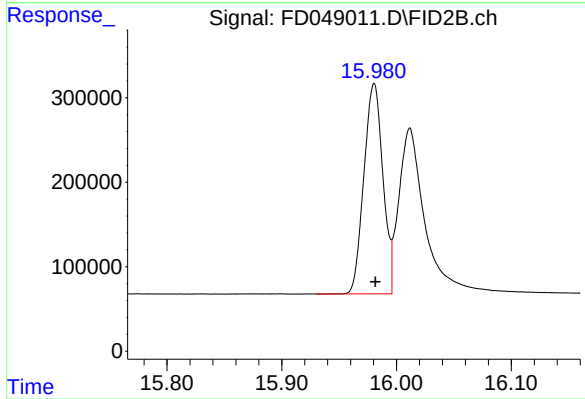
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.434 min
Delta R.T.: -0.001 min
Response: 2719912
Conc: 21.14 ug/ml



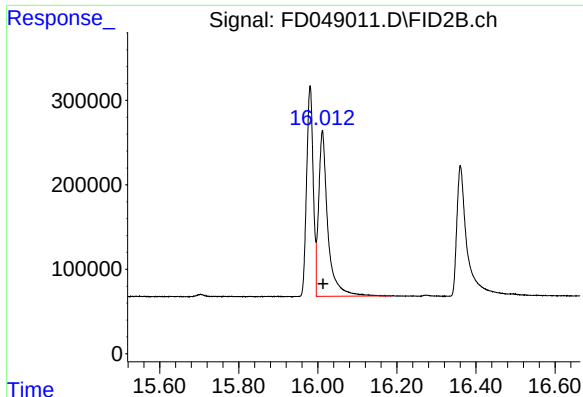
#15 Chrysene (C27.41)

R.T.: 14.474 min
Delta R.T.: -0.002 min
Response: 3302248
Conc: 19.53 ug/ml



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

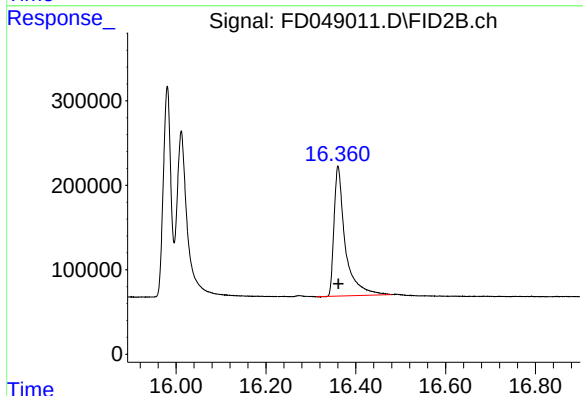
R.T.: 15.981 min
Delta R.T.: -0.001 min
Response: 2858896
Conc: 20.92 ug/ml



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

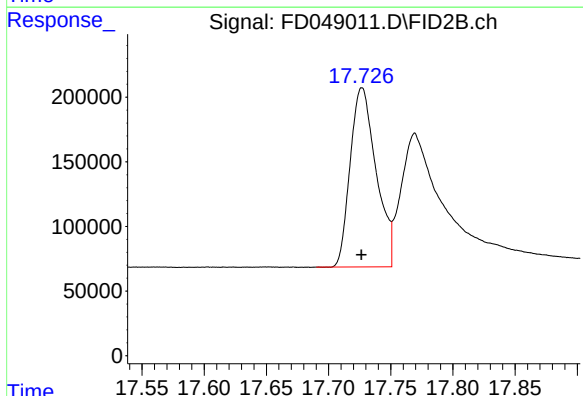
R.T.: 16.012 min
Delta R.T.: -0.001 min
Response: 3168452
Conc: 19.56 ug/ml

Instrument :
FID_D
ClientSampleId :



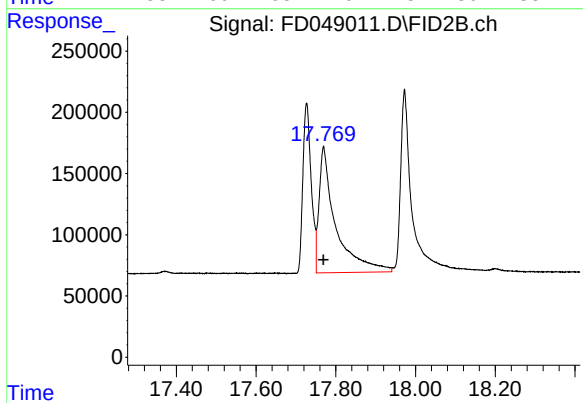
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.361 min
Delta R.T.: -0.001 min
Response: 2656846
Conc: 19.09 ug/ml



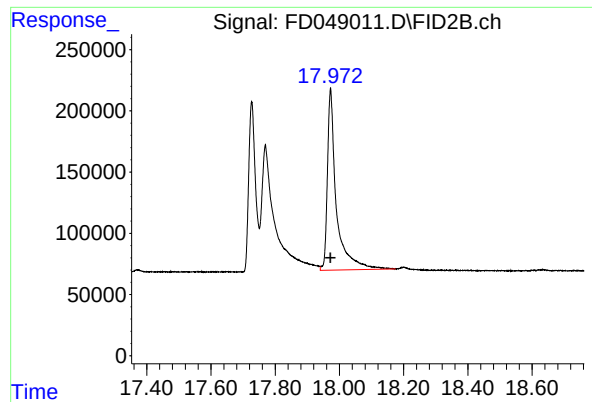
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.727 min
Delta R.T.: 0.000 min
Response: 2009845
Conc: 19.27 ug/ml



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

R.T.: 17.769 min
Delta R.T.: 0.000 min
Response: 2986672
Conc: 20.92 ug/ml



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

R.T.: 17.972 min
Delta R.T.: 0.000 min
Response: 2883078
Conc: 20.21 ug/ml

Instrument :

FID_D

ClientSampleId :