

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD073124AR\
 Data File : FD048102.D
 Signal(s) : FID2B.ch
 Acq On : 31 Jul 2024 20:36
 Operator : YP/AJ
 Sample : P3390-07
 Misc : 2.5 PPM WATER LOD
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 01 04:50:24 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 071524.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 15 13:13:15 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...	7.406	7220303	48.581 ug/ml
Spiked Amount 50.000		Recovery =	97.16%
6) S 2-Fluorobiphenyl (SURR)	8.257	4753558	50.228 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	100.46%
11) S ortho-Terphenyl (SURR)	11.297	7267425	43.435 ug/ml
Spiked Amount 50.000		Recovery =	86.87%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.226	297816	1.779 ug/ml
2) T Naphthalene (C11.7)	5.747	326592	1.890 ug/ml
3) T 2-Methylnaphthalene (...)	6.793	339293	1.956 ug/ml
5) T Acenaphthylene (C15.06)	8.059	351339	2.050 ug/ml
7) T Acenaphthene (C15.5)	8.352	388943	2.242 ug/ml
8) T Flouorene (C16.55)	9.133	351822	2.166 ug/ml
9) T Phenanthrene (C19.36)	10.521	309838	1.951 ug/ml
10) T Anthracene (C19.43)	10.596	318203	2.015 ug/ml
12) T Fluoranthene (C21.85)	12.325	330381	2.087 ug/ml
13) T Pyrene (C20.8)	12.619	340782	2.155 ug/ml
14) T Benzo[a]anthracene (C...	14.491	271600	1.989 ug/ml
15) T Chrysene (C27.41)	14.530	325332	2.018 ug/ml
16) T benzo[b]fluoranthene ...	16.035	285171	1.981 ug/ml
17) T Bnezo[k]fluoranthene ...	16.066	324645	2.174 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.416	293554	2.073 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.779	260206	2.307 ug/ml
20) T Dibenz[a,h]anthracene...	17.821	349457	2.404 ug/ml
21) T Benzo[g,h,i]perylene ...	18.026	283814	1.926 ug/ml

(f)=RT Delta > 1/2 Window

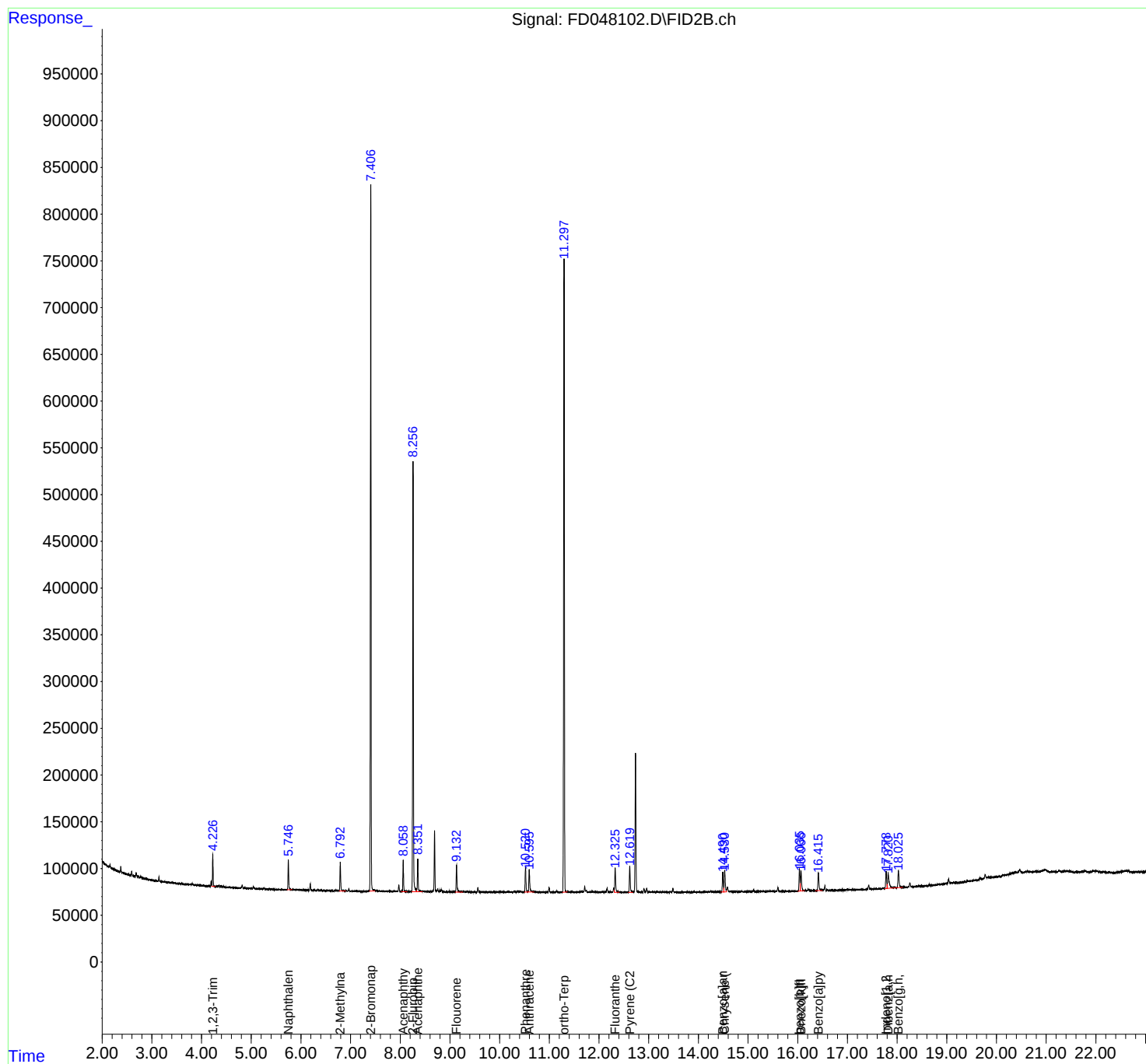
(m)=manual int.

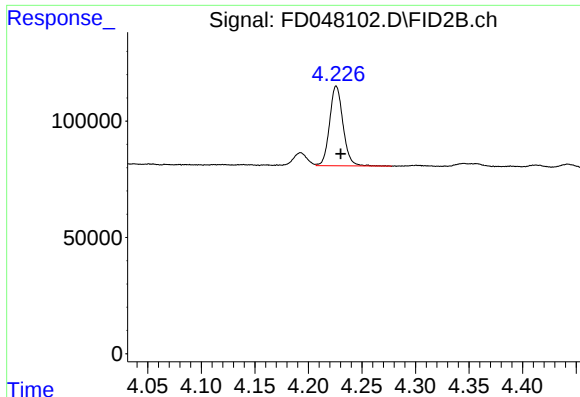
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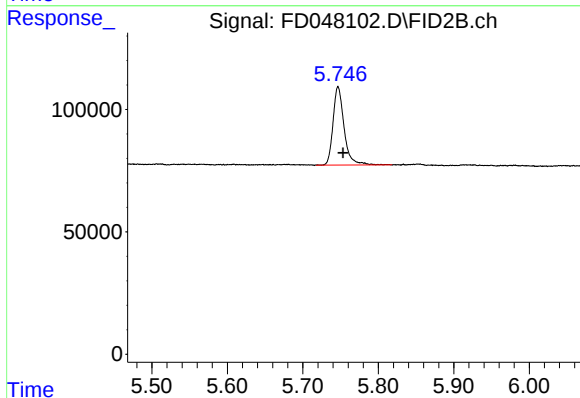




#1 1,2,3-Trimethylbenzene (C10.1)

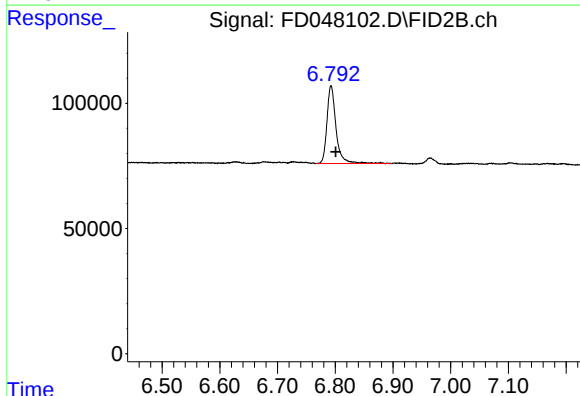
R.T.: 4.226 min
Delta R.T.: -0.004 min
Response: 297816
Conc: 1.78 ug/ml

Instrument :
FID_D
ClientSampleId :



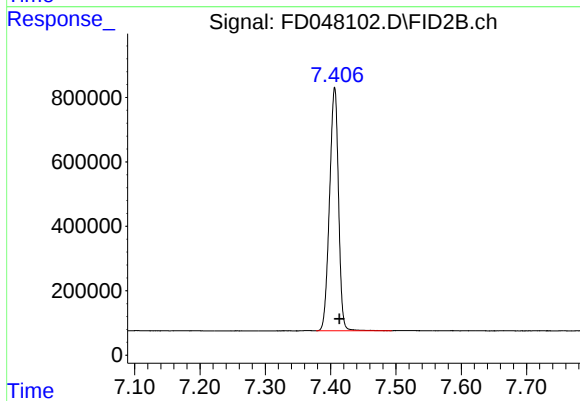
#2 Naphthalene (C11.7)

R.T.: 5.747 min
Delta R.T.: -0.006 min
Response: 326592
Conc: 1.89 ug/ml



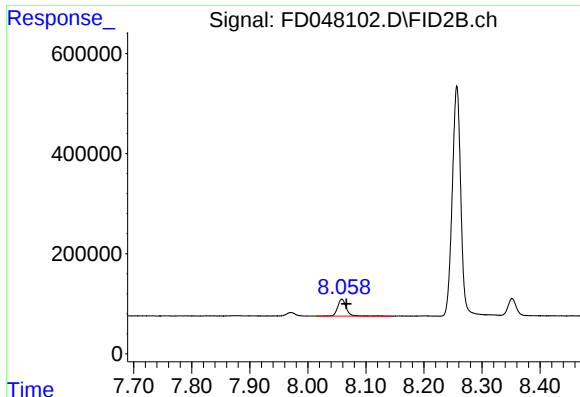
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.793 min
Delta R.T.: -0.008 min
Response: 339293
Conc: 1.96 ug/ml



#4 2-Bromonaphthalene (SURR)

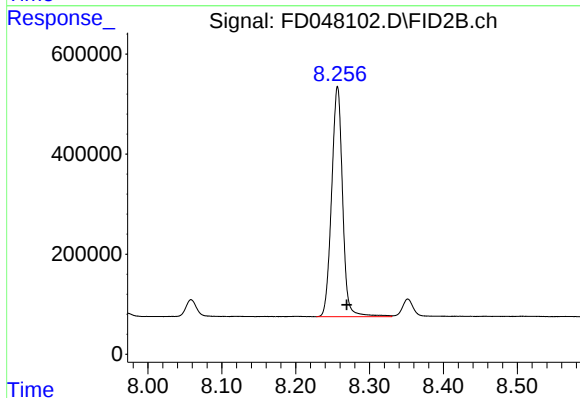
R.T.: 7.406 min
Delta R.T.: -0.007 min
Response: 7220303
Conc: 48.58 ug/ml



#5 Acenaphthylene (C15.06)

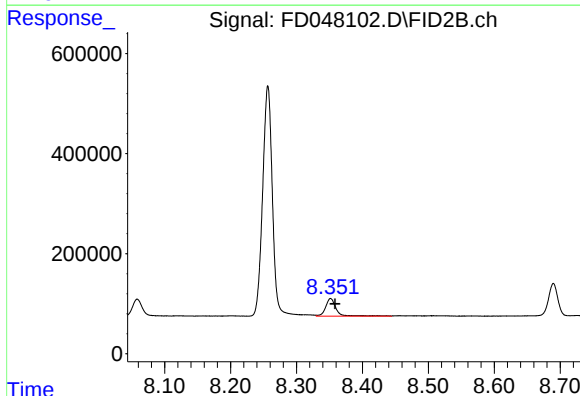
R.T.: 8.059 min
Delta R.T.: -0.008 min
Response: 351339
Conc: 2.05 ug/ml

Instrument :
FID_D
ClientSampleId :



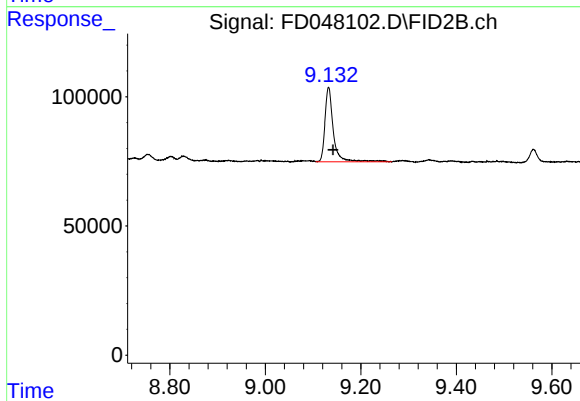
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.257 min
Delta R.T.: -0.012 min
Response: 4753558
Conc: 50.23 ug/ml



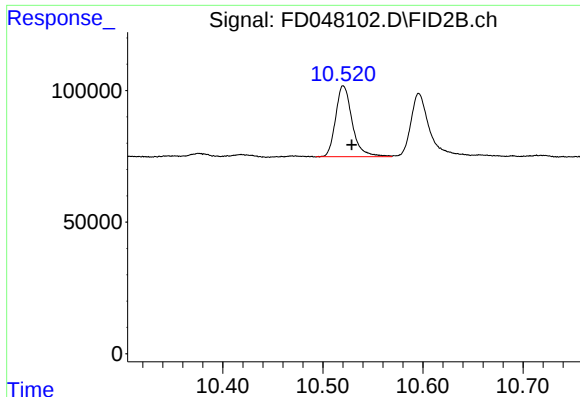
#7 Acenaphthene (C15.5)

R.T.: 8.352 min
Delta R.T.: -0.007 min
Response: 388943
Conc: 2.24 ug/ml



#8 Flouorene (C16.55)

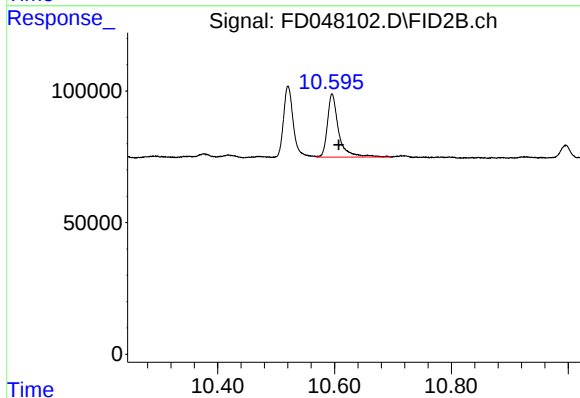
R.T.: 9.133 min
Delta R.T.: -0.009 min
Response: 351822
Conc: 2.17 ug/ml



#9 Phenanthrene (C19.36)

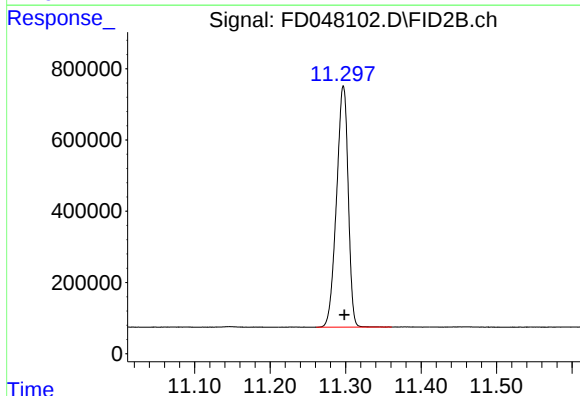
R.T.: 10.521 min
Delta R.T.: -0.008 min
Response: 309838
Conc: 1.95 ug/ml

Instrument :
FID_D
ClientSampleId :



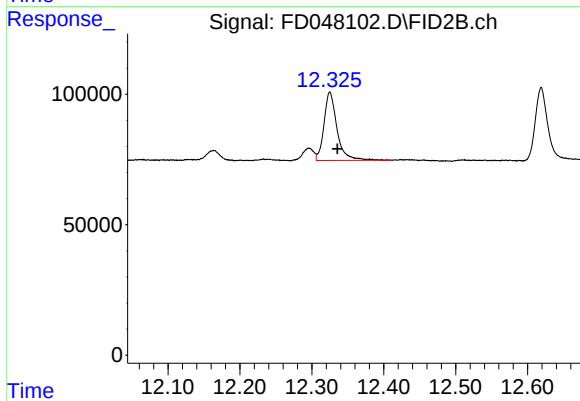
#10 Anthracene (C19.43)

R.T.: 10.596 min
Delta R.T.: -0.011 min
Response: 318203
Conc: 2.02 ug/ml



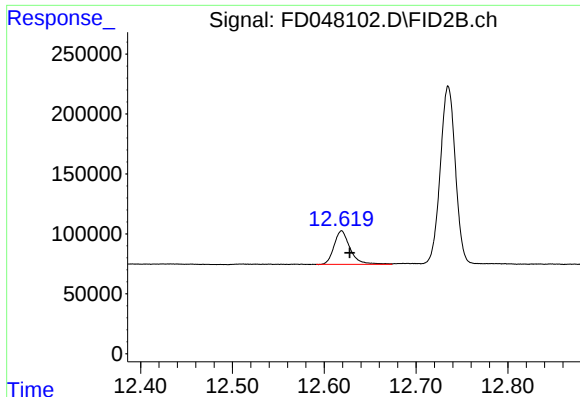
#11 ortho-Terphenyl (SURR)

R.T.: 11.297 min
Delta R.T.: -0.002 min
Response: 7267425
Conc: 43.43 ug/ml



#12 Fluoranthene (C21.85)

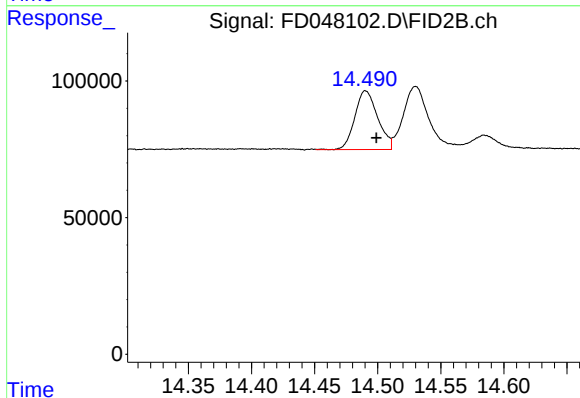
R.T.: 12.325 min
Delta R.T.: -0.011 min
Response: 330381
Conc: 2.09 ug/ml



#13 Pyrene (C20.8)

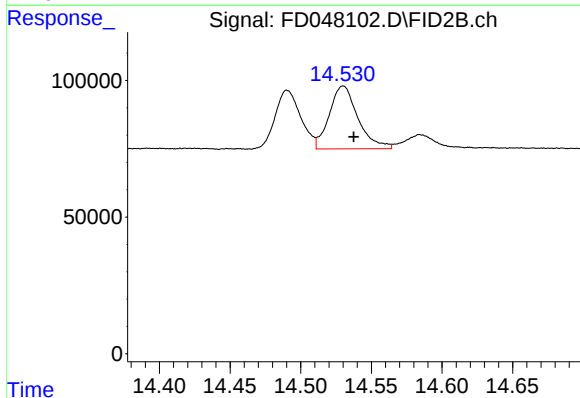
R.T.: 12.619 min
Delta R.T.: -0.009 min
Response: 340782
Conc: 2.16 ug/ml

Instrument :
FID_D
ClientSampleId :



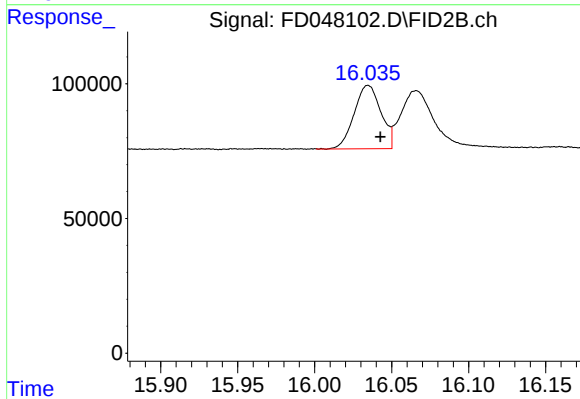
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.491 min
Delta R.T.: -0.008 min
Response: 271600
Conc: 1.99 ug/ml



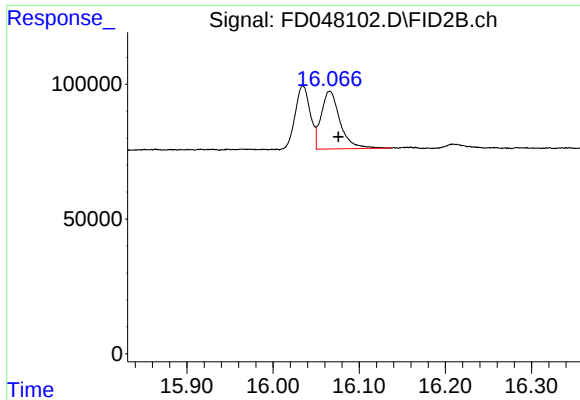
#15 Chrysene (C27.41)

R.T.: 14.530 min
Delta R.T.: -0.007 min
Response: 325332
Conc: 2.02 ug/ml



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

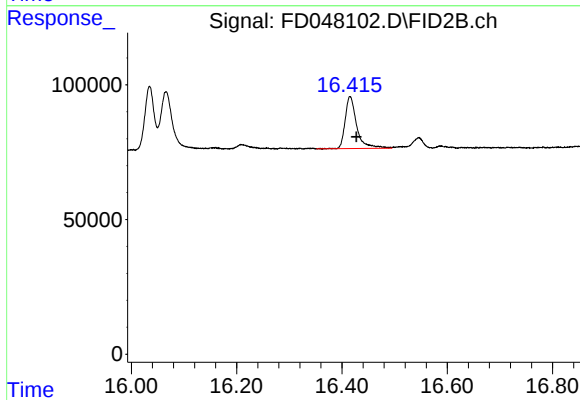
R.T.: 16.035 min
Delta R.T.: -0.008 min
Response: 285171
Conc: 1.98 ug/ml



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

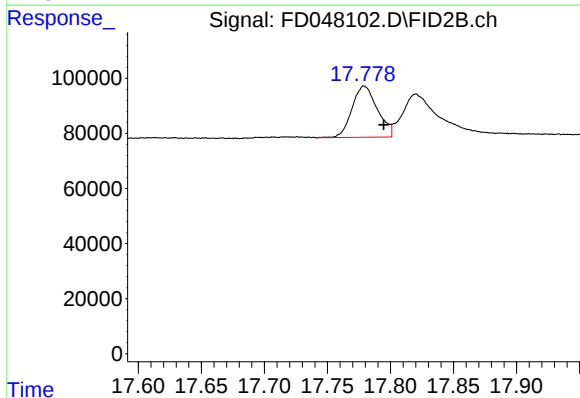
R.T.: 16.066 min
Delta R.T.: -0.010 min
Response: 324645
Conc: 2.17 ug/ml

Instrument :
FID_D
ClientSampleId :



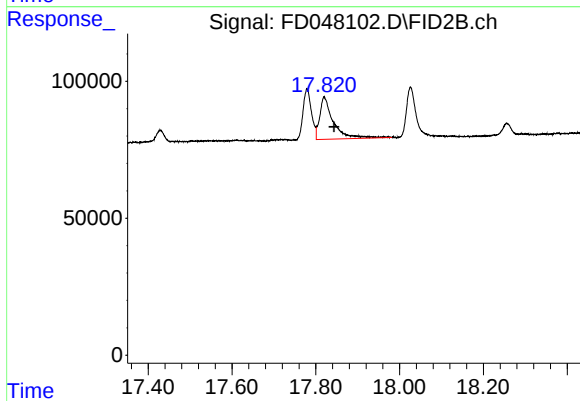
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.416 min
Delta R.T.: -0.012 min
Response: 293554
Conc: 2.07 ug/ml



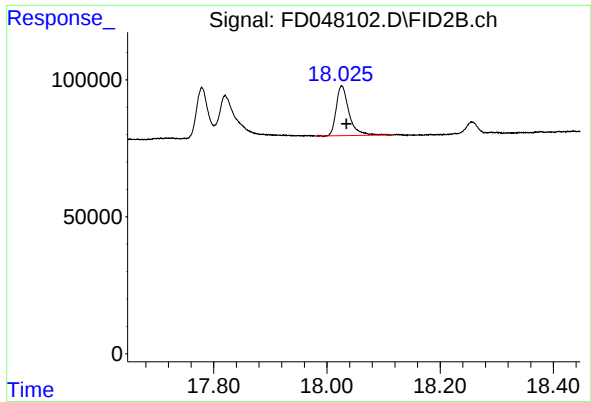
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.779 min
Delta R.T.: -0.015 min
Response: 260206
Conc: 2.31 ug/ml



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

R.T.: 17.821 min
Delta R.T.: -0.023 min
Response: 349457
Conc: 2.40 ug/ml



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

R.T.: 18.026 min
Delta R.T.: -0.008 min
Response: 283814
Conc: 1.93 ug/ml

Instrument :

FID_D

ClientSampleId :