

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051024AR\
 Data File : FD047704.D
 Signal(s) : FID2B.ch
 Acq On : 10 May 2024 15:48
 Operator : YP/AJ
 Sample : P2403-01
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 11 00:55:42 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	8001301	51.019 ug/ml
Spiked Amount 50.000		Recovery =	102.04%
6) S 2-Fluorobiphenyl (SURR)	8.316	4998782	47.788 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	95.58%
11) S ortho-Terphenyl (SURR)	11.358	7886594	42.054 ug/ml
Spiked Amount 50.000		Recovery =	84.11%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.274	315328	1.950 ug/ml
2) T Naphthalene (C11.7)	5.800	358800	2.120 ug/ml
3) T 2-Methylnaphthalene (...)	6.849	387721	2.276 ug/ml
5) T Acenaphthylene (C15.06)	8.118	379838	2.329 ug/ml
7) T Acenaphthene (C15.5)	8.412	394516	2.347 ug/ml
8) T Fluorene (C16.55)	9.193	405581	2.438 ug/ml
9) T Phenanthrene (C19.36)	10.582	358023	2.187 ug/ml
10) T Anthracene (C19.43)	10.658	351386	2.346 ug/ml
12) T Fluoranthene (C21.85)	12.389	372839	2.247 ug/ml
13) T Pyrene (C20.8)	12.683	371975	2.286 ug/ml
14) T Benzo[a]anthracene (C...	14.554	283281	1.941 ug/ml
15) T Chrysene (C27.41)	14.594	319115	2.025 ug/ml
16) T benzo[b]fluoranthene ...	16.099	326689	2.187 ug/ml
17) T Bnezo[k]fluoranthene ...	16.131	358626	2.382 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.480	312226	2.164 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.844	277331	2.043 ug/ml
20) T Dibenz[a,h]anthracene...	17.887	345576	2.414 ug/ml
21) T Benzo[g,h,i]perylene ...	18.092	305394	2.224 ug/ml

(f)=RT Delta > 1/2 Window

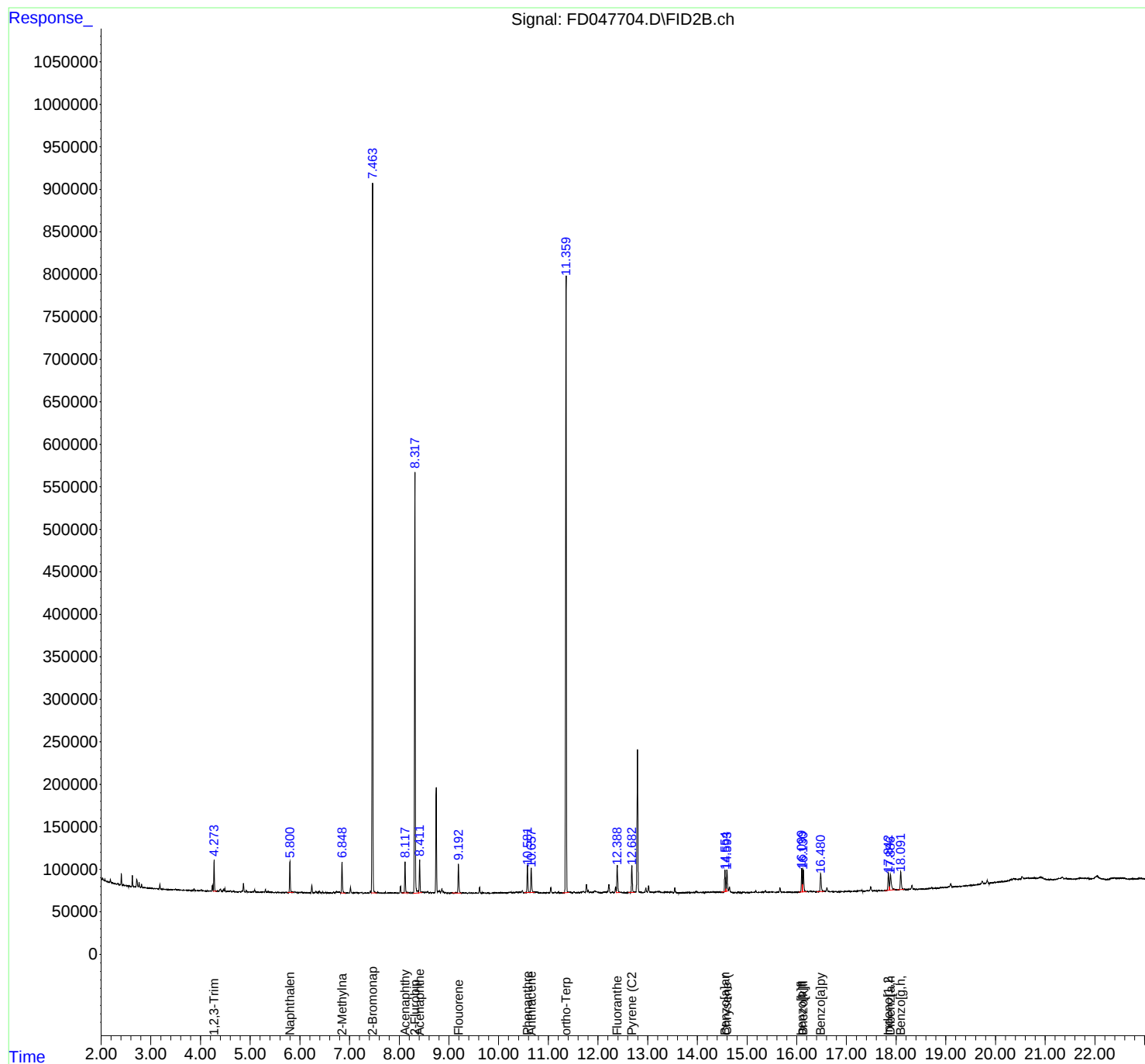
(m)=manual int.

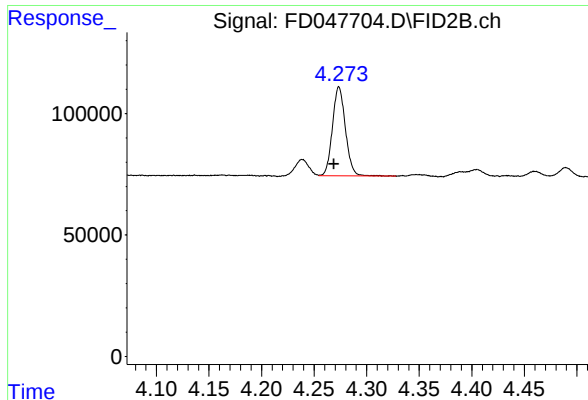
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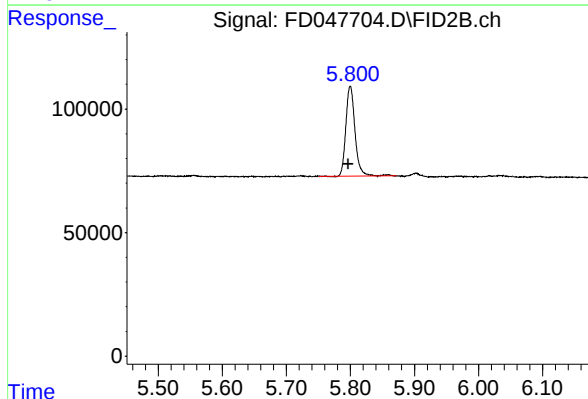




#1 1,2,3-Trimethylbenzene (C10.1)

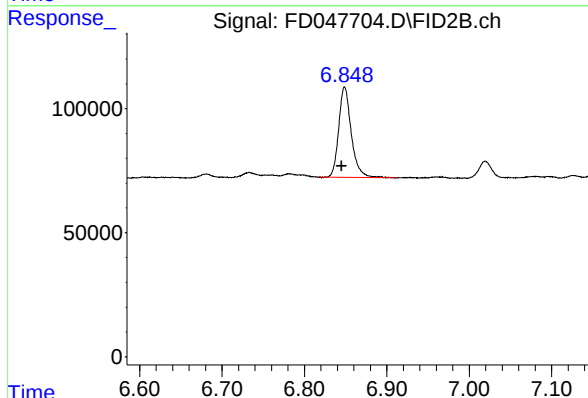
R.T.: 4.274 min
Delta R.T.: 0.005 min
Response: 315328
Conc: 1.95 ug/ml

Instrument :
FID_D
ClientSampleId :



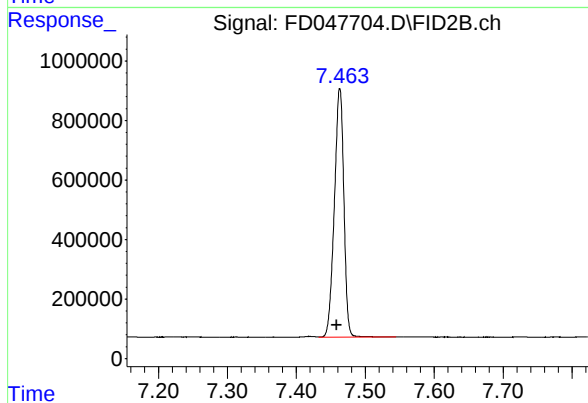
#2 Naphthalene (C11.7)

R.T.: 5.800 min
Delta R.T.: 0.003 min
Response: 358800
Conc: 2.12 ug/ml



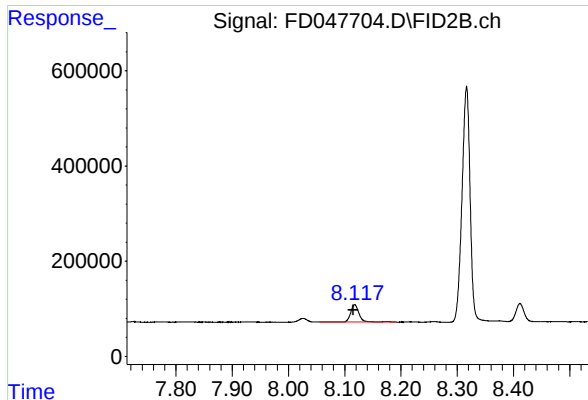
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.849 min
Delta R.T.: 0.004 min
Response: 387721
Conc: 2.28 ug/ml



#4 2-Bromonaphthalene (SURR)

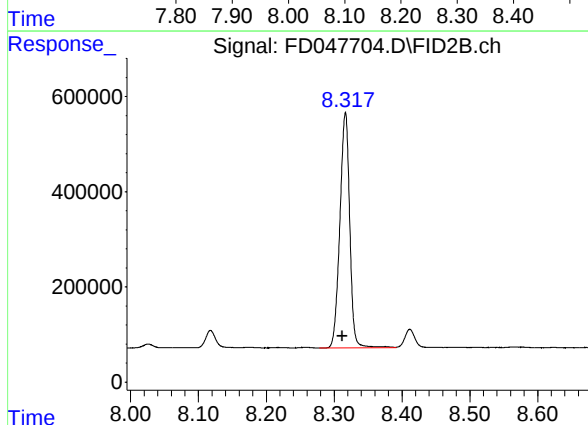
R.T.: 7.463 min
Delta R.T.: 0.005 min
Response: 8001301
Conc: 51.02 ug/ml



#5 Acenaphthylene (C15.06)

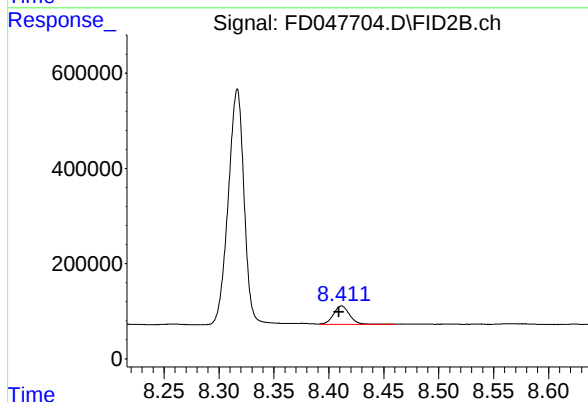
R.T.: 8.118 min
Delta R.T.: 0.002 min
Response: 379838
Conc: 2.33 ug/ml

Instrument :
FID_D
ClientSampleId :



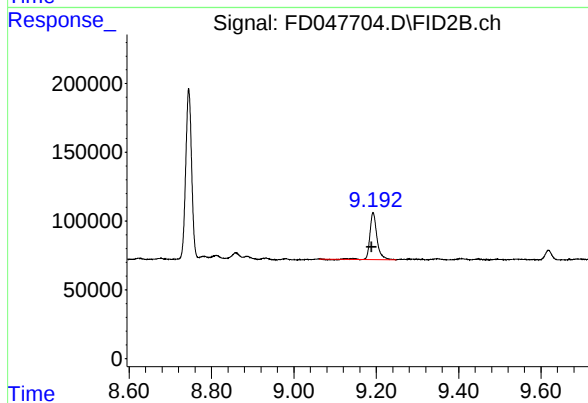
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.316 min
Delta R.T.: 0.004 min
Response: 4998782
Conc: 47.79 ug/ml



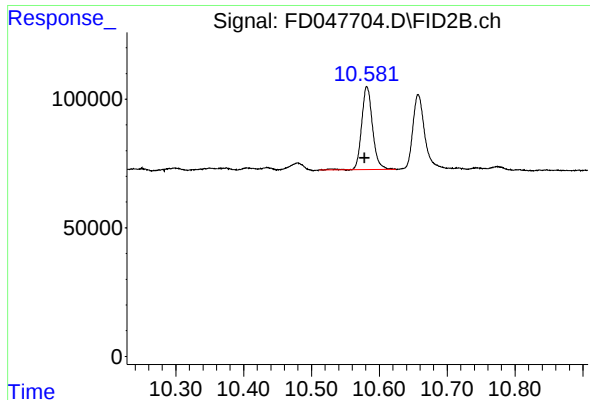
#7 Acenaphthene (C15.5)

R.T.: 8.412 min
Delta R.T.: 0.002 min
Response: 394516
Conc: 2.35 ug/ml



#8 Flouorene (C16.55)

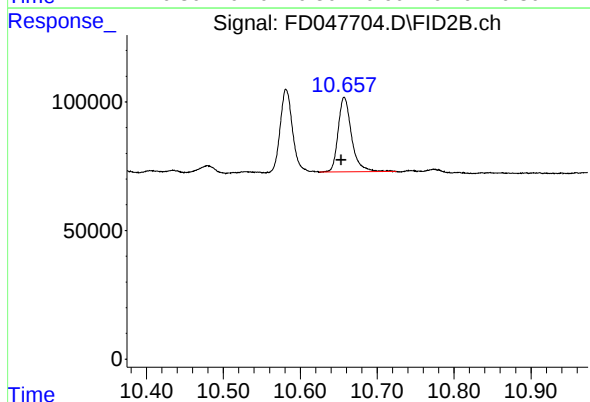
R.T.: 9.193 min
Delta R.T.: 0.004 min
Response: 405581
Conc: 2.44 ug/ml



#9 Phenanthrene (C19.36)

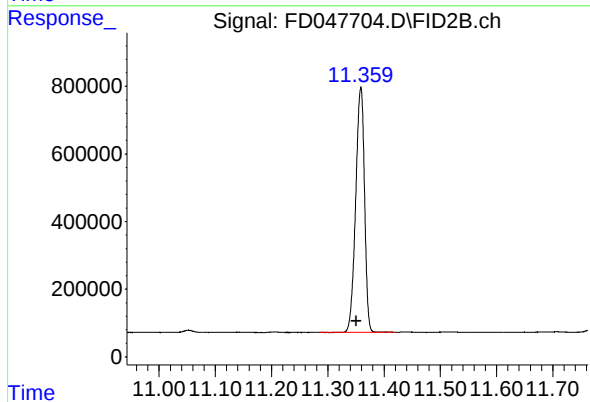
R.T.: 10.582 min
Delta R.T.: 0.004 min
Response: 358023
Conc: 2.19 ug/ml

Instrument :
FID_D
ClientSampleId :



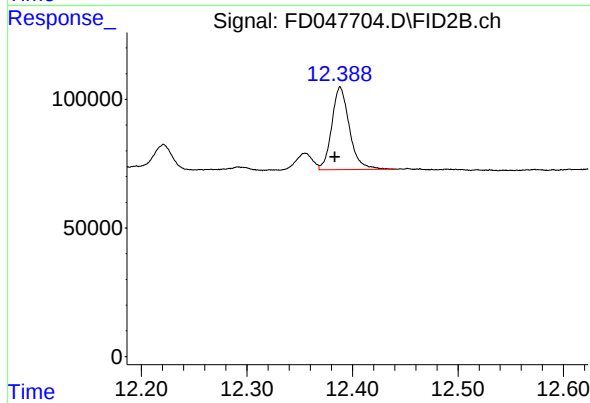
#10 Anthracene (C19.43)

R.T.: 10.658 min
Delta R.T.: 0.004 min
Response: 351386
Conc: 2.35 ug/ml



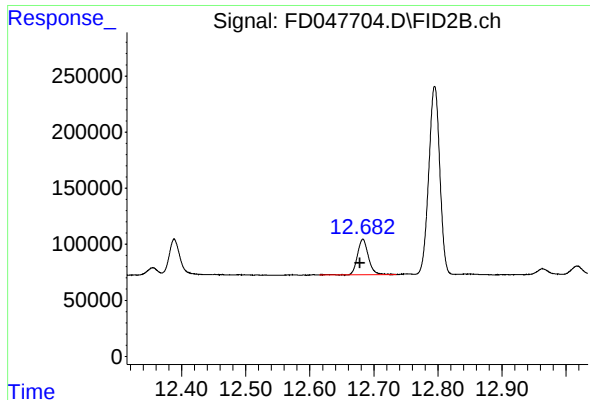
#11 ortho-Terphenyl (SURR)

R.T.: 11.358 min
Delta R.T.: 0.008 min
Response: 7886594
Conc: 42.05 ug/ml



#12 Fluoranthene (C21.85)

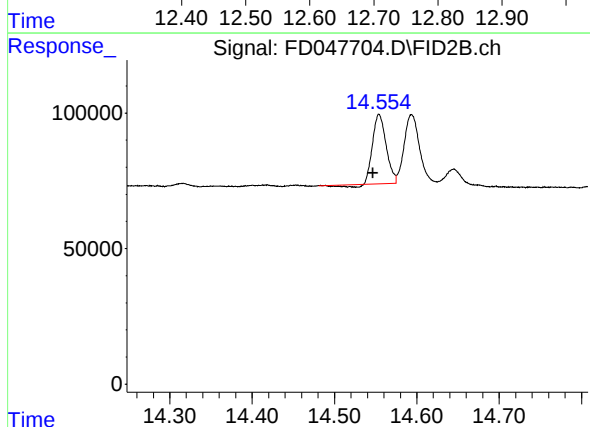
R.T.: 12.389 min
Delta R.T.: 0.005 min
Response: 372839
Conc: 2.25 ug/ml



#13 Pyrene (C20.8)

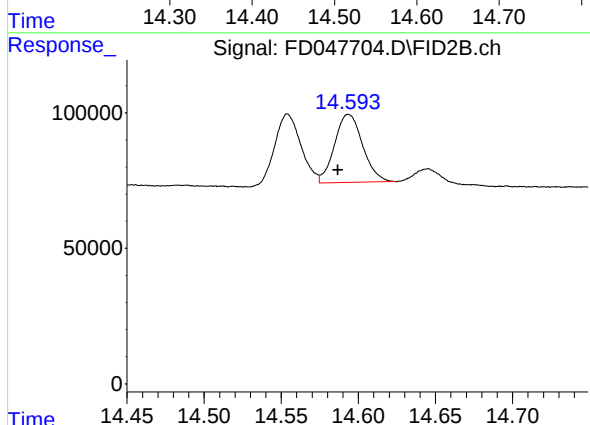
R.T.: 12.683 min
Delta R.T.: 0.005 min
Response: 371975
Conc: 2.29 ug/ml

Instrument :
FID_D
ClientSampleId :



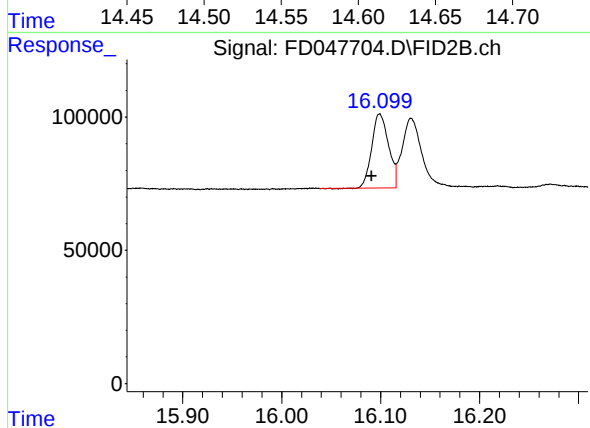
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.554 min
Delta R.T.: 0.008 min
Response: 283281
Conc: 1.94 ug/ml



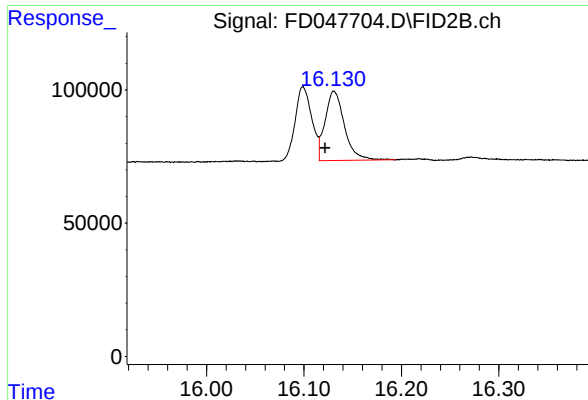
#15 Chrysene (C27.41)

R.T.: 14.594 min
Delta R.T.: 0.007 min
Response: 319115
Conc: 2.03 ug/ml



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

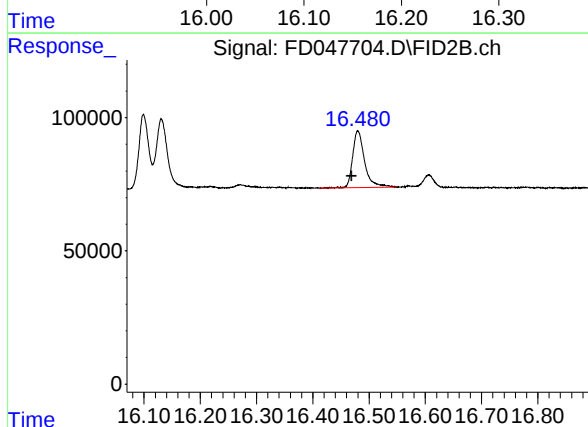
R.T.: 16.099 min
Delta R.T.: 0.008 min
Response: 326689
Conc: 2.19 ug/ml



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

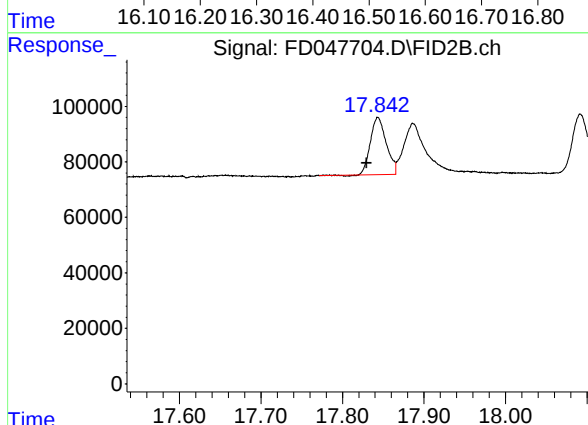
R.T.: 16.131 min
Delta R.T.: 0.010 min
Response: 358626
Conc: 2.38 ug/ml

Instrument :
FID_D
ClientSampleId :



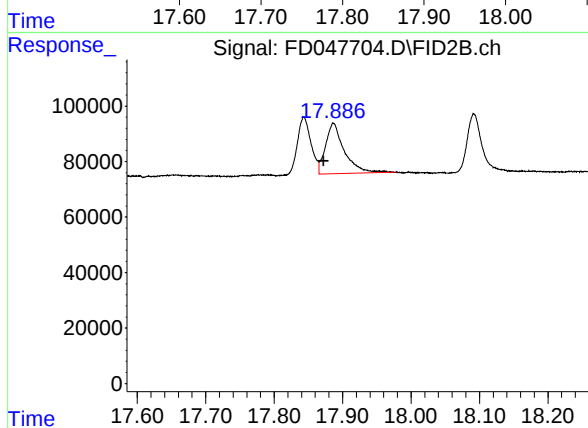
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.480 min
Delta R.T.: 0.011 min
Response: 312226
Conc: 2.16 ug/ml



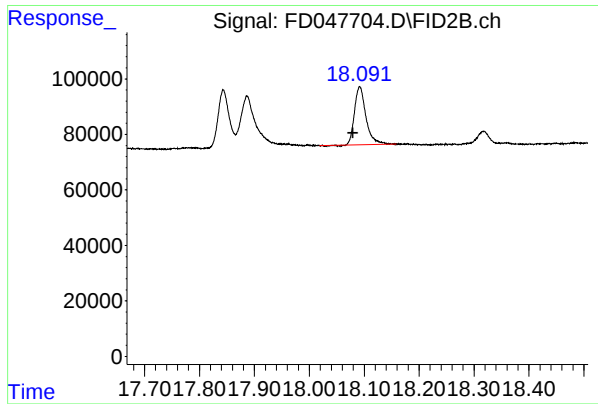
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.844 min
Delta R.T.: 0.014 min
Response: 277331
Conc: 2.04 ug/ml



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

R.T.: 17.887 min
Delta R.T.: 0.015 min
Response: 345576
Conc: 2.41 ug/ml



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

R.T.: 18.092 min

Delta R.T.: 0.012 min

Response: 305394

Conc: 2.22 ug/ml

Instrument :

FID_D

ClientSampleId :