

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040224AR\
 Data File : FD047474.D
 Signal(s) : FID2B.ch
 Acq On : 01 Apr 2024 13:29
 Operator : YP/AJ
 Sample : 100 PPM AROMATIC HC STD1
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 01 15:28:23 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 040224.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 01 15:25:49 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...	7.467	15048358	100.938 ug/ml
Spiked Amount 50.000		Recovery =	201.88%
6) S 2-Fluorobiphenyl (SURR)	8.322	10066995	101.981 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	203.96%#
11) S ortho-Terphenyl (SURR)	11.360	17013057	100.312 ug/ml
Spiked Amount 50.000		Recovery =	200.62%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.281	15659327	100.255 ug/ml
2) T Naphthalene (C11.7)	5.807	16494371	100.947 ug/ml
3) T 2-Methylnaphthalene (...)	6.857	16638025	101.083 ug/ml
5) T Acenaphthylene (C15.06)	8.126	15104950	100.588 ug/ml
7) T Acenaphthene (C15.5)	8.424	16018842	100.668 ug/ml
8) T Fluorene (C16.55)	9.201	15645356	101.128 ug/ml
9) T Phenanthrene (C19.36)	10.591	15175814	101.048 ug/ml
10) T Anthracene (C19.43)	10.667	14033429	101.927 ug/ml
12) T Fluoranthene (C21.85)	12.398	14950733	101.184 ug/ml
13) T Pyrene (C20.8)	12.692	14562109	101.210 ug/ml
14) T Benzo[a]anthracene (C...	14.558	13472739	101.739 ug/ml
15) T Chrysene (C27.41)	14.606	14099872	100.914 ug/ml
16) T benzo[b]fluoranthene ...	16.106	14168410	101.448 ug/ml
17) T Bnezo[k]fluoranthene ...	16.145	13767994	100.948 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.485	13812401	100.835 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.849	14257117	103.534 ug/ml
20) T Dibenz[a,h]anthracene...	17.889	13080041	99.280 ug/ml
21) T Benzo[g,h,i]perylene ...	18.107	13944770	100.931 ug/ml

(f)=RT Delta > 1/2 Window

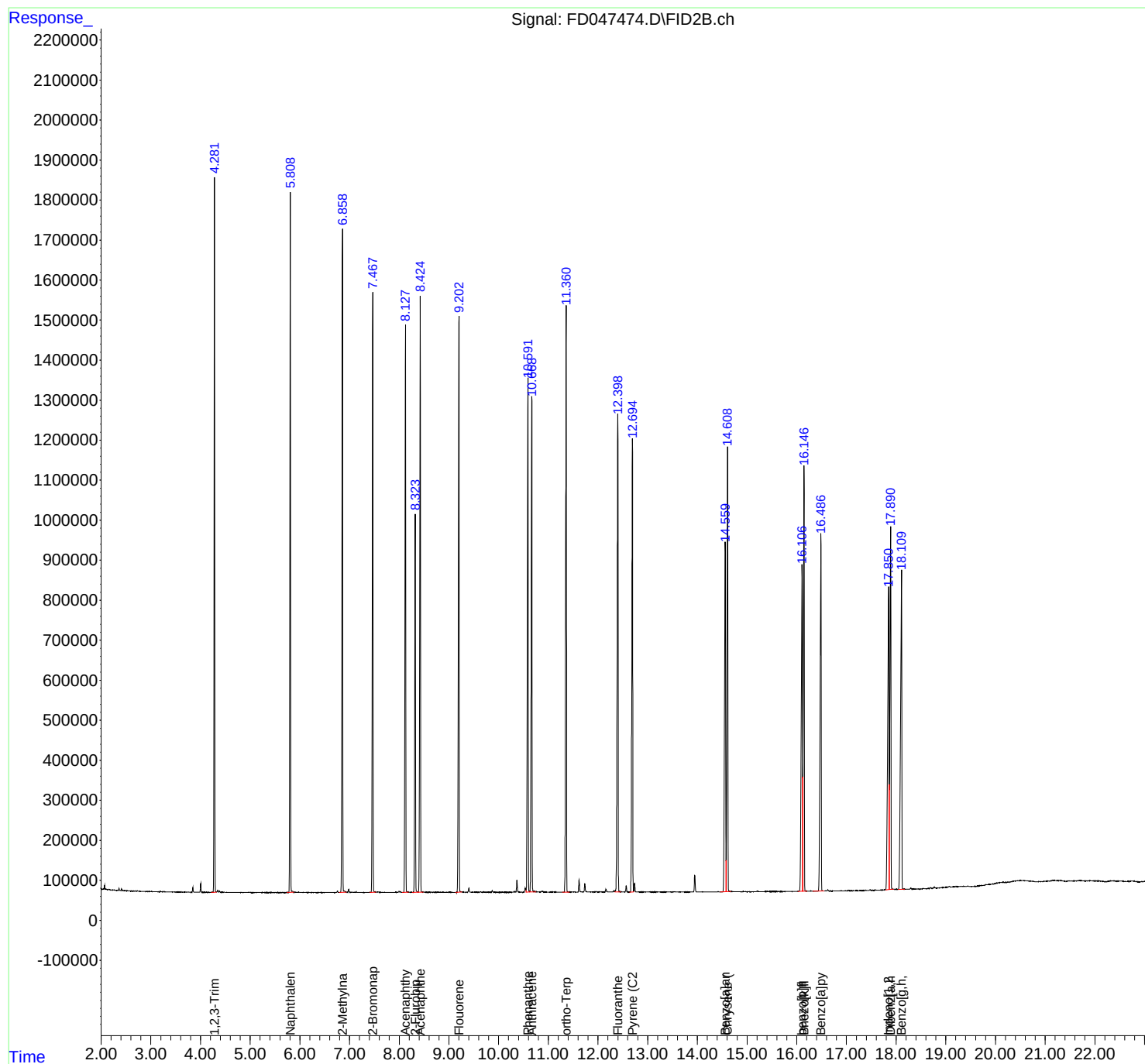
(m)=manual int.

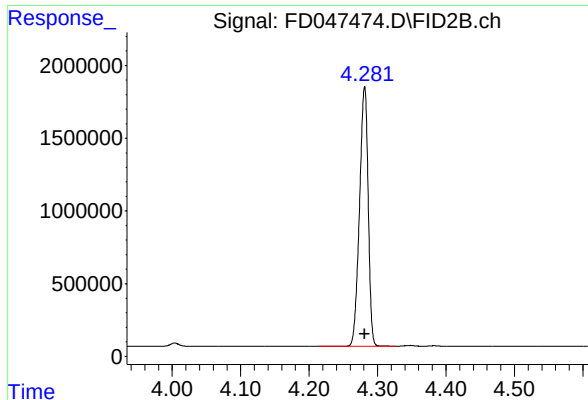
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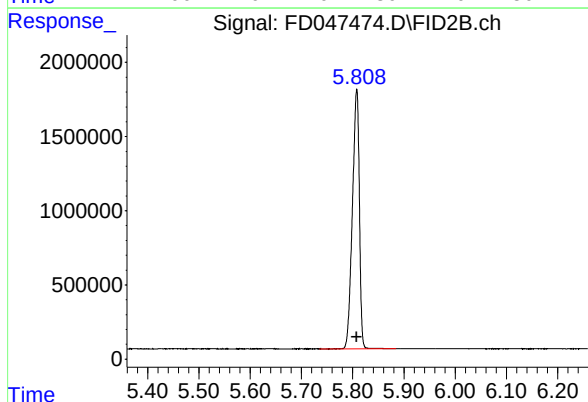




#1 1,2,3-Trimethylbenzene (C10.1)

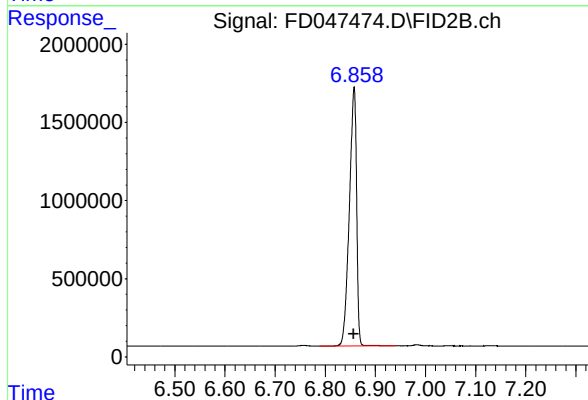
R.T.: 4.281 min
Delta R.T.: 0.000 min
Response: 15659327
Conc: 100.25 ug/ml

Instrument :
FID_D
ClientSampleId :



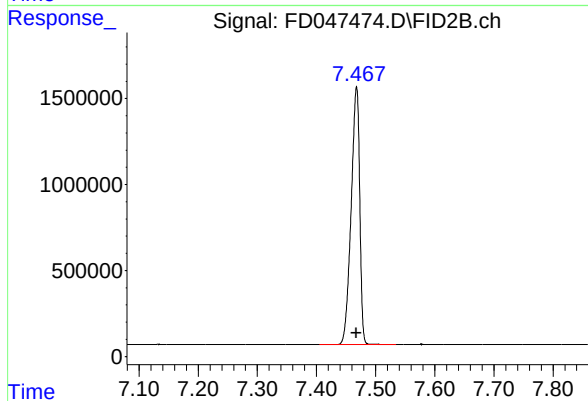
#2 Naphthalene (C11.7)

R.T.: 5.807 min
Delta R.T.: 0.000 min
Response: 16494371
Conc: 100.95 ug/ml



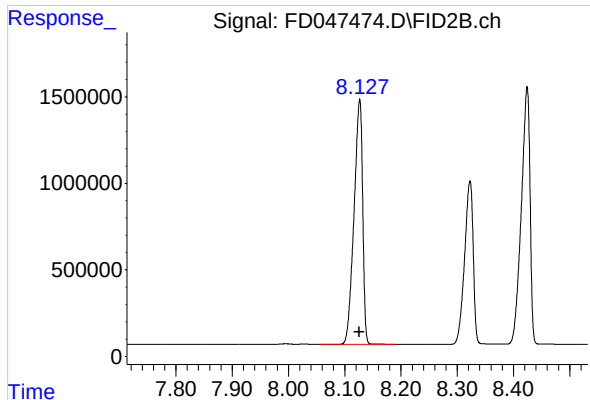
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.857 min
Delta R.T.: 0.000 min
Response: 16638025
Conc: 101.08 ug/ml



#4 2-Bromonaphthalene (SURR)

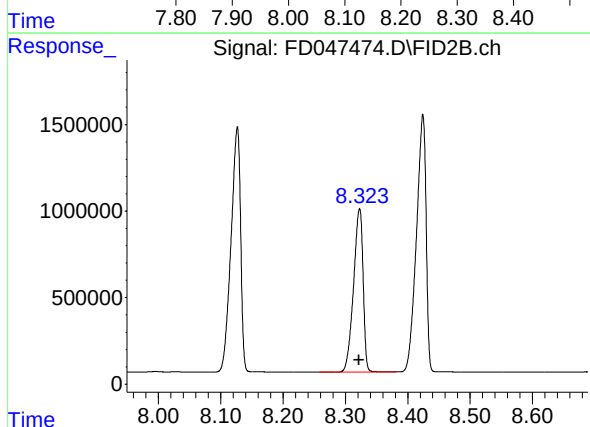
R.T.: 7.467 min
Delta R.T.: 0.000 min
Response: 15048358
Conc: 100.94 ug/ml



#5 Acenaphthylene (C15.06)

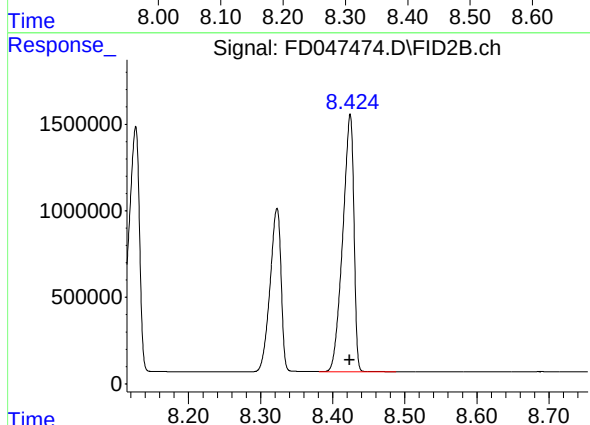
R.T.: 8.126 min
Delta R.T.: 0.000 min
Response: 15104950
Conc: 100.59 ug/ml

Instrument :
FID_D
ClientSampleId :



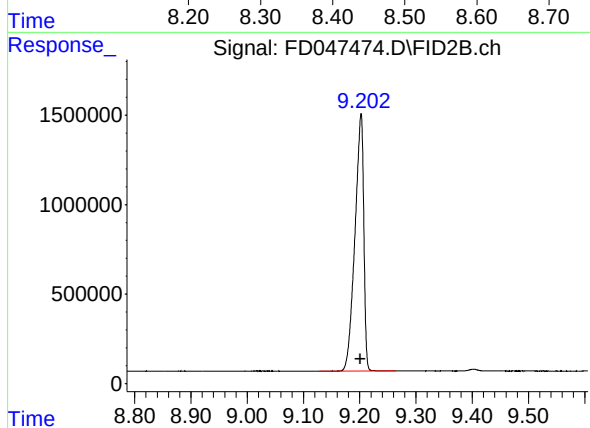
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.322 min
Delta R.T.: 0.000 min
Response: 10066995
Conc: 101.98 ug/ml



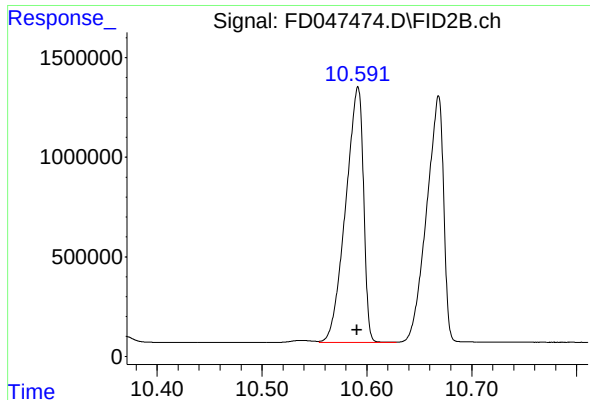
#7 Acenaphthene (C15.5)

R.T.: 8.424 min
Delta R.T.: 0.000 min
Response: 16018842
Conc: 100.67 ug/ml



#8 Flouorene (C16.55)

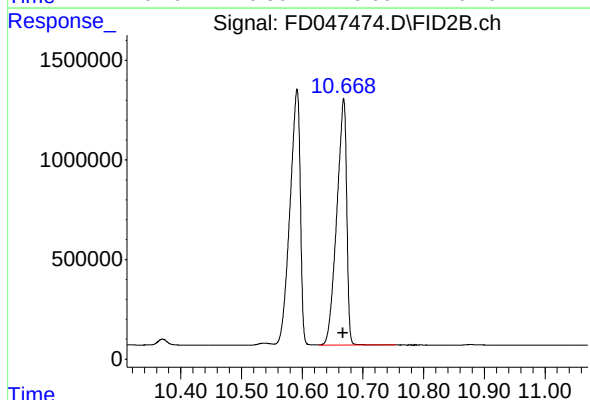
R.T.: 9.201 min
Delta R.T.: 0.000 min
Response: 15645356
Conc: 101.13 ug/ml



#9 Phenanthrene (C19.36)

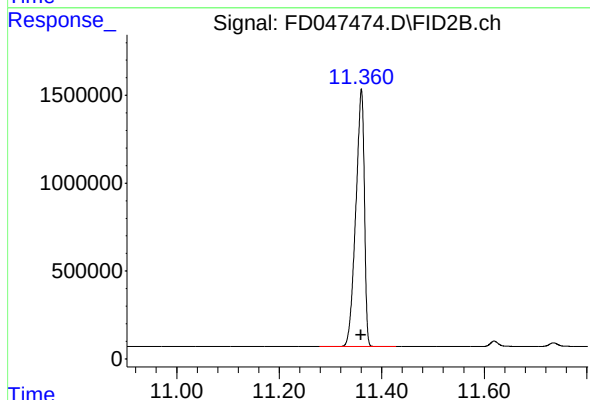
R.T.: 10.591 min
Delta R.T.: 0.000 min
Response: 15175814
Conc: 101.05 ug/ml

Instrument :
FID_D
ClientSampleId :



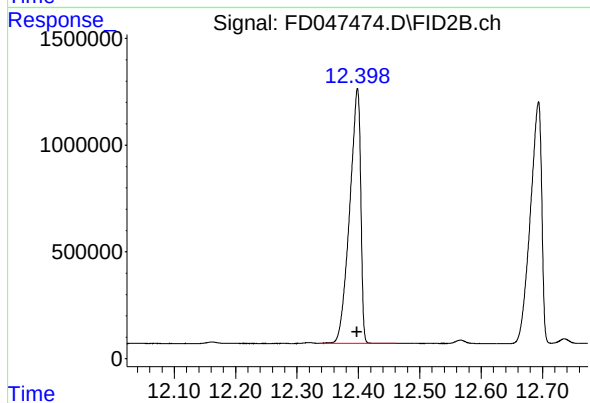
#10 Anthracene (C19.43)

R.T.: 10.667 min
Delta R.T.: 0.000 min
Response: 14033429
Conc: 101.93 ug/ml



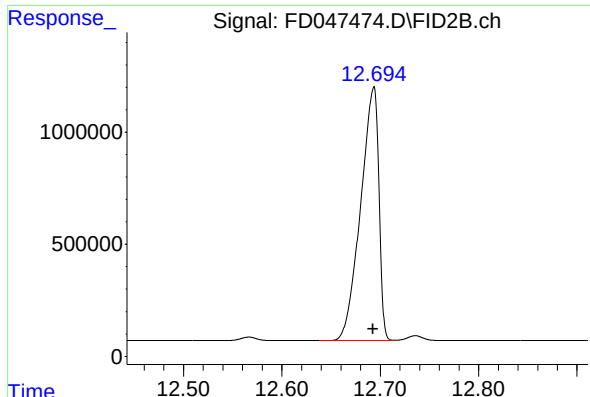
#11 ortho-Terphenyl (SURR)

R.T.: 11.360 min
Delta R.T.: 0.000 min
Response: 17013057
Conc: 100.31 ug/ml



#12 Fluoranthene (C21.85)

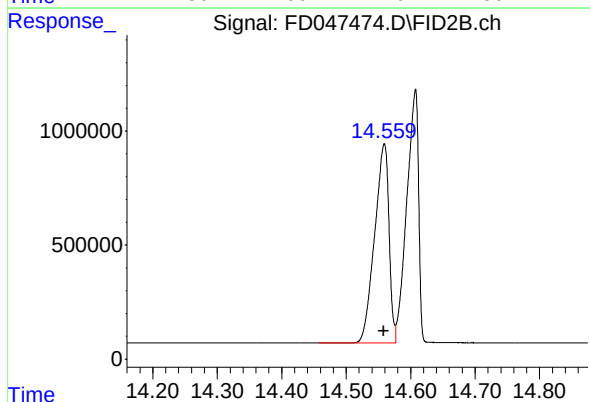
R.T.: 12.398 min
Delta R.T.: 0.000 min
Response: 14950733
Conc: 101.18 ug/ml



#13 Pyrene (C20.8)

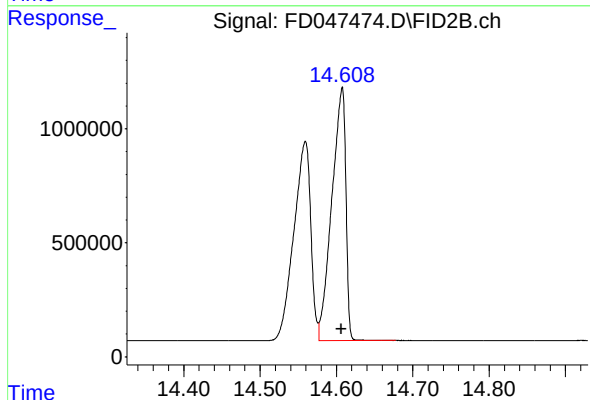
R.T.: 12.692 min
Delta R.T.: 0.000 min
Response: 14562109
Conc: 101.21 ug/ml

Instrument :
FID_D
ClientSampleId :



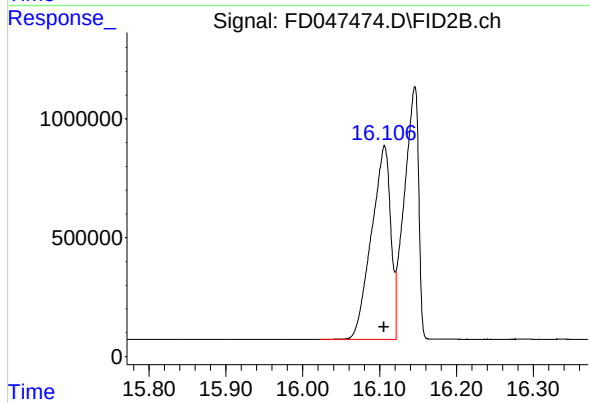
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.558 min
Delta R.T.: 0.000 min
Response: 13472739
Conc: 101.74 ug/ml



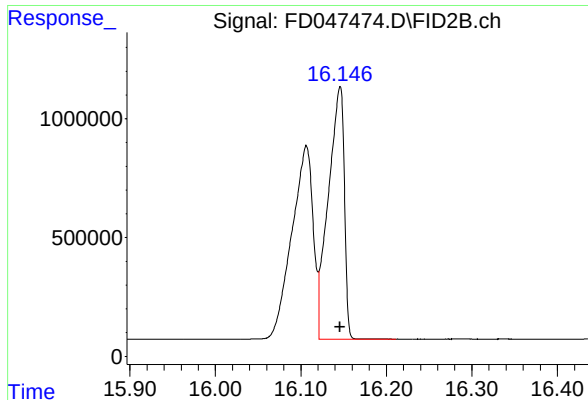
#15 Chrysene (C27.41)

R.T.: 14.606 min
Delta R.T.: 0.000 min
Response: 14099872
Conc: 100.91 ug/ml



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

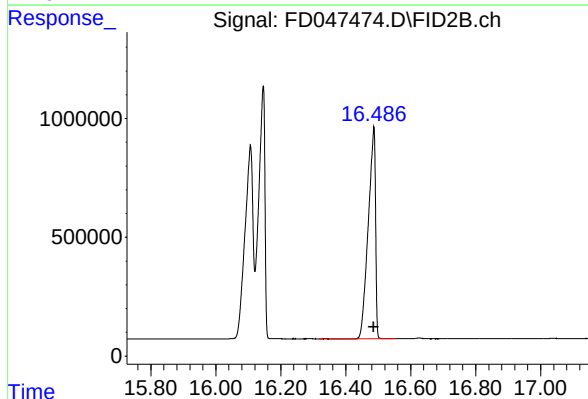
R.T.: 16.106 min
Delta R.T.: 0.000 min
Response: 14168410
Conc: 101.45 ug/ml



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

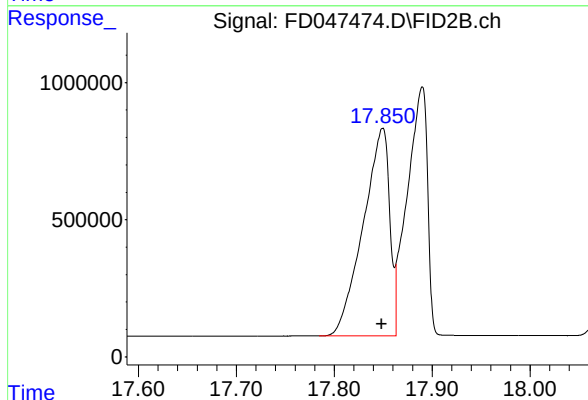
R.T.: 16.145 min
Delta R.T.: -0.001 min
Response: 13767994
Conc: 100.95 ug/ml

Instrument :
FID_D
ClientSampleId :



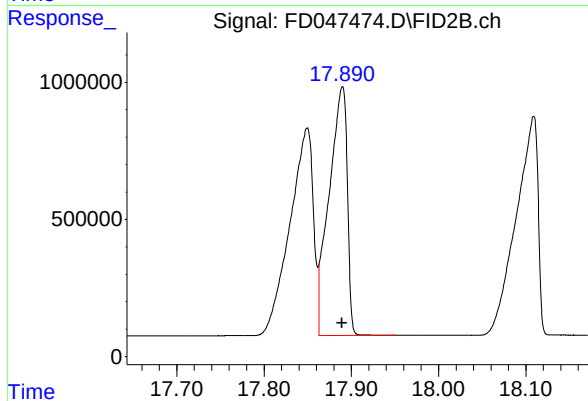
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.485 min
Delta R.T.: 0.000 min
Response: 13812401
Conc: 100.84 ug/ml



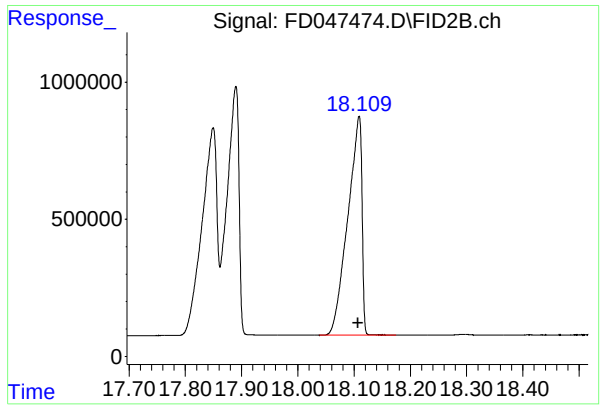
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.849 min
Delta R.T.: 0.000 min
Response: 14257117
Conc: 103.53 ug/ml



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

R.T.: 17.889 min
Delta R.T.: 0.000 min
Response: 13080041
Conc: 99.28 ug/ml



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

R.T.: 18.107 min
Delta R.T.: 0.000 min
Response: 13944770
Conc: 100.93 ug/ml

Instrument :
FID_D
ClientSampleId :