

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102824AR\
 Data File : FD048608.D
 Signal(s) : FID2B.ch
 Acq On : 28 Oct 2024 17:03
 Operator : YP/AJ
 Sample : P4518-05MSD
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Oct 30 02:37:54 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102324.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 23 18:14:59 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...	7.374	10656656	70.212 ug/ml
Spiked Amount 50.000		Recovery =	140.42%
6) S 2-Fluorobiphenyl (SURR)	8.227	8036837	81.848 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	163.70%#
11) S ortho-Terphenyl (SURR)	11.264	10759354	63.164 ug/ml
Spiked Amount 50.000		Recovery =	126.33%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.196	5757944	33.097 ug/ml
2) T Naphthalene (C11.7)	5.714	10179197	57.047 ug/ml
3) T 2-Methylnaphthalene (...)	6.764	14050183	78.552 ug/ml
5) T Acenaphthylene (C15.06)	8.032	17442607	99.336 ug/ml
7) T Acenaphthene (C15.5)	8.327	15770717	88.918 ug/ml
8) T Fluorene (C16.55)	9.108	18173673	107.513 ug/ml
9) T Phenanthrene (C19.36)	10.499	21740951	131.520 ug/ml
10) T Anthracene (C19.43)	10.572	15843931	99.080 ug/ml
12) T Fluoranthene (C21.85)	12.301	15157296	92.099 ug/ml
13) T Pyrene (C20.8)	12.594	13103057	81.346 ug/ml
14) T Benzo[a]anthracene (C...	14.459	9826901	67.208 ug/ml
15) T Chrysene (C27.41)	14.503	9689328	58.904 ug/ml
16) T benzo[b]fluoranthene ...	16.009	9482357	62.372 ug/ml
17) T Bnezo[k]fluoranthene ...	16.043	9010679	59.950 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.384	8889150	59.066 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.752	9638358	73.870 ug/ml
20) T Dibenz[a,h]anthracene...	17.789	8766635	53.871 ug/ml
21) T Benzo[g,h,i]perylene ...	18.004	8688529	56.754 ug/ml

(f)=RT Delta > 1/2 Window

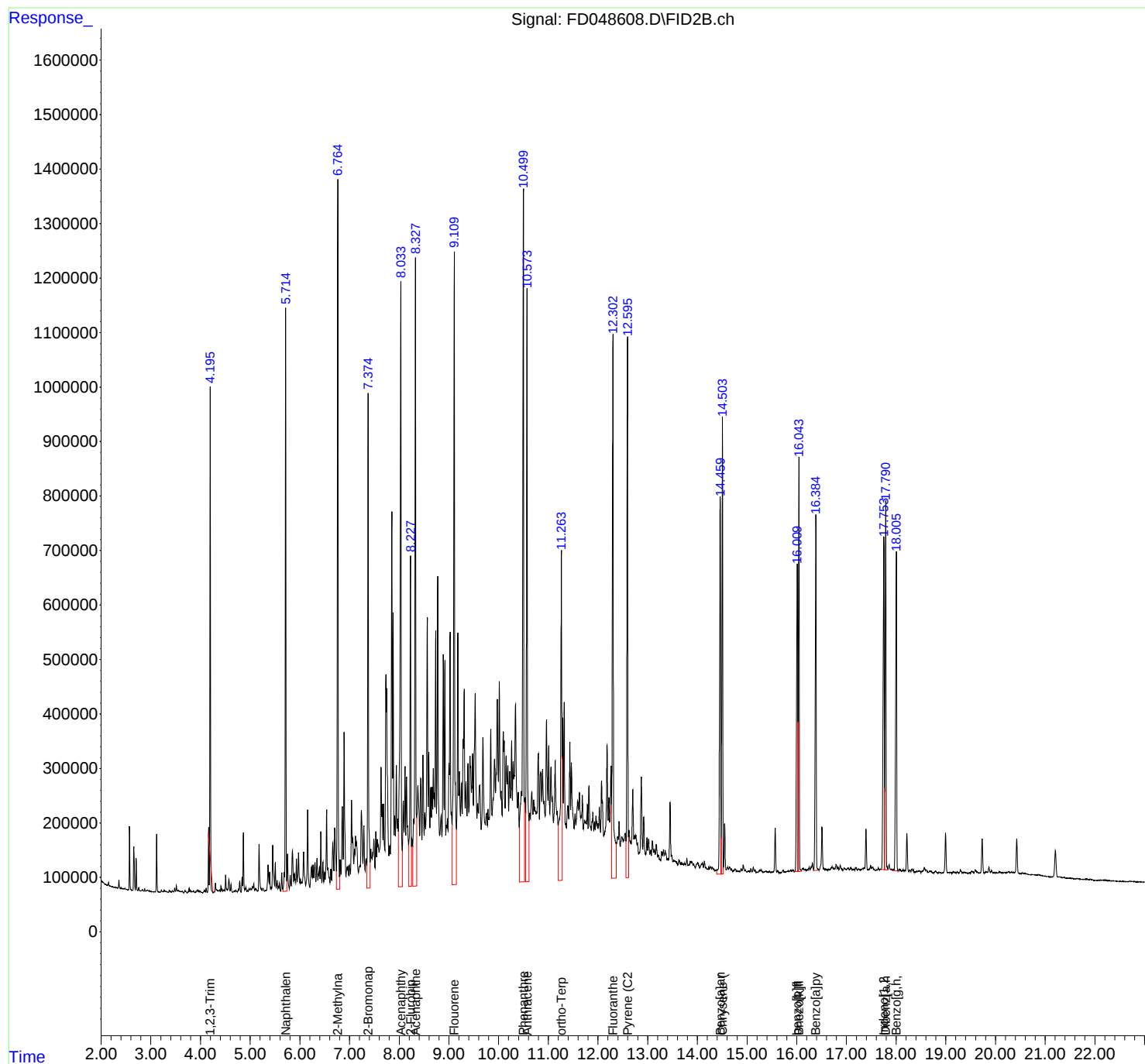
(m)=manual int.

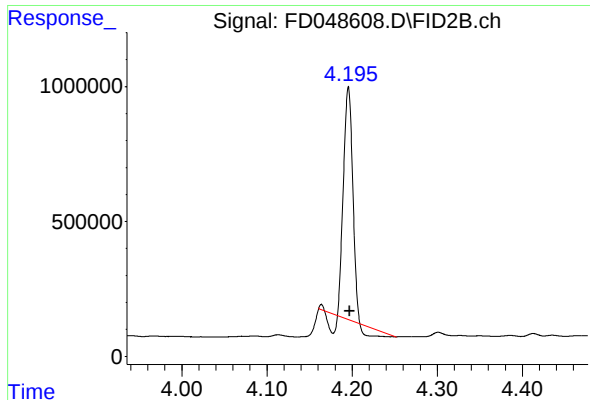
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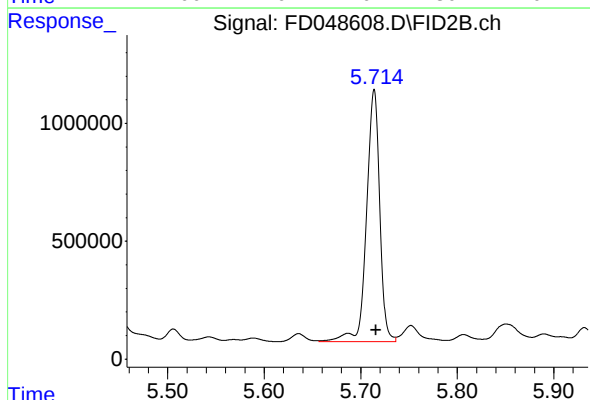




#1 1,2,3-Trimethylbenzene (C10.1)

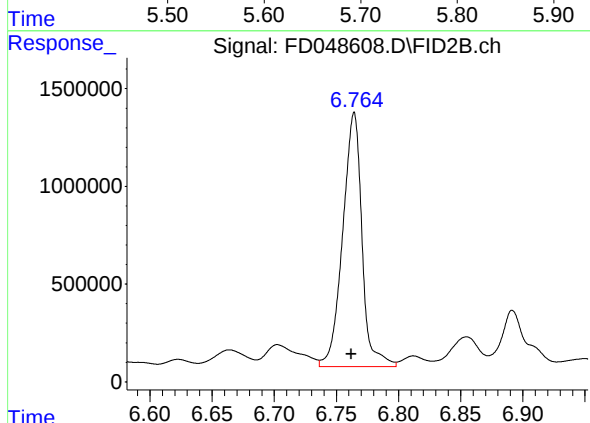
R.T.: 4.196 min
Delta R.T.: -0.001 min
Response: 5757944
Conc: 33.10 ug/ml

Instrument :
FID_D
ClientSampleId :



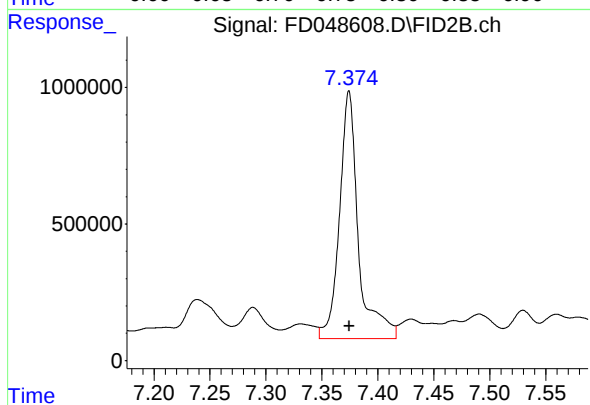
#2 Naphthalene (C11.7)

R.T.: 5.714 min
Delta R.T.: -0.002 min
Response: 10179197
Conc: 57.05 ug/ml



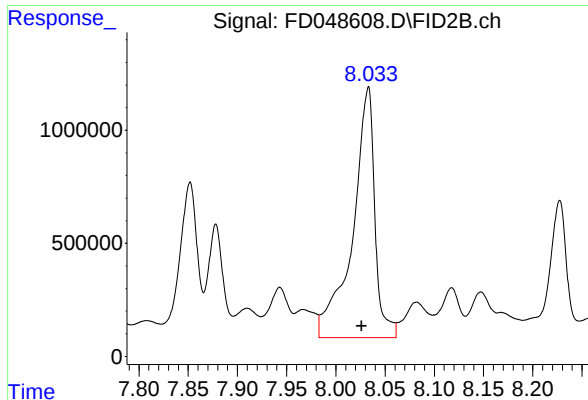
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.764 min
Delta R.T.: 0.002 min
Response: 14050183
Conc: 78.55 ug/ml



#4 2-Bromonaphthalene (SURR)

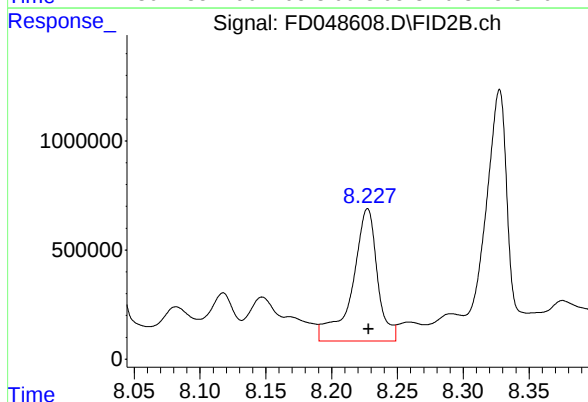
R.T.: 7.374 min
Delta R.T.: 0.000 min
Response: 10656656
Conc: 70.21 ug/ml



#5 Acenaphthylene (C15.06)

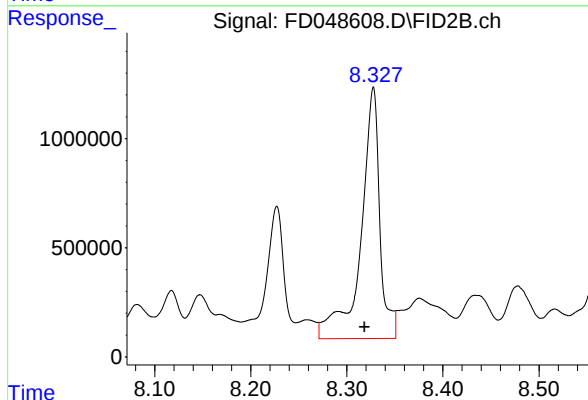
R.T.: 8.032 min
Delta R.T.: 0.006 min
Response: 17442607
Conc: 99.34 ug/ml

Instrument :
FID_D
ClientSampleId :



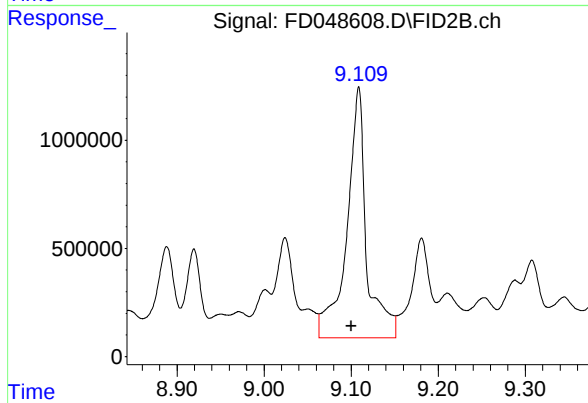
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.227 min
Delta R.T.: -0.001 min
Response: 8036837
Conc: 81.85 ug/ml



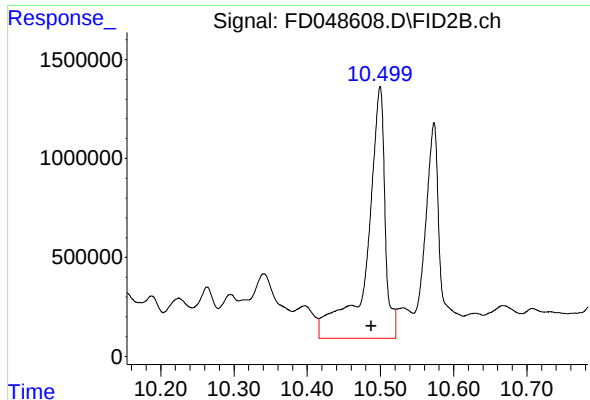
#7 Acenaphthene (C15.5)

R.T.: 8.327 min
Delta R.T.: 0.008 min
Response: 15770717
Conc: 88.92 ug/ml



#8 Flouorene (C16.55)

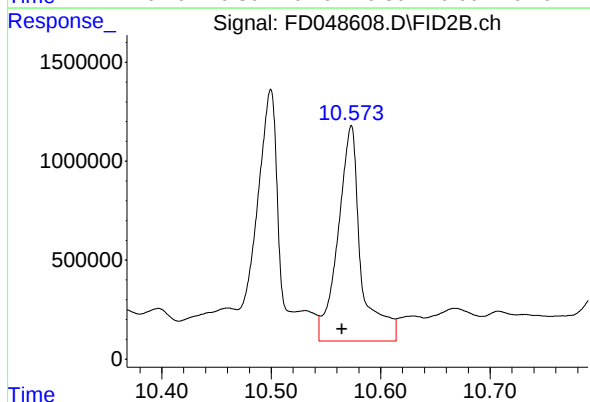
R.T.: 9.108 min
Delta R.T.: 0.008 min
Response: 18173673
Conc: 107.51 ug/ml



#9 Phenanthrene (C19.36)

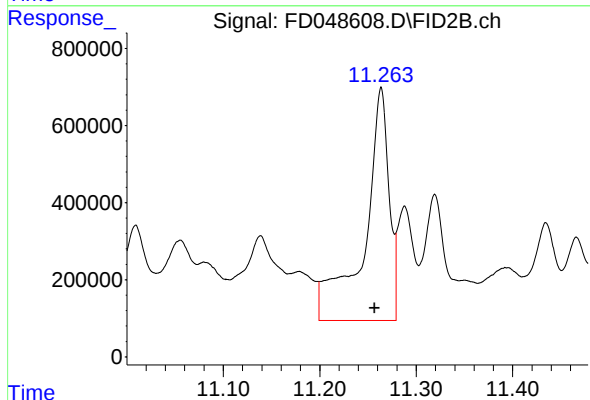
R.T.: 10.499 min
Delta R.T.: 0.012 min
Response: 21740951
Conc: 131.52 ug/ml

Instrument :
FID_D
ClientSampleId :



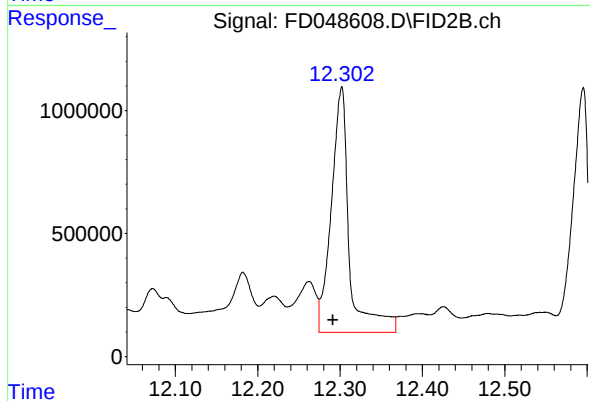
#10 Anthracene (C19.43)

R.T.: 10.572 min
Delta R.T.: 0.008 min
Response: 15843931
Conc: 99.08 ug/ml



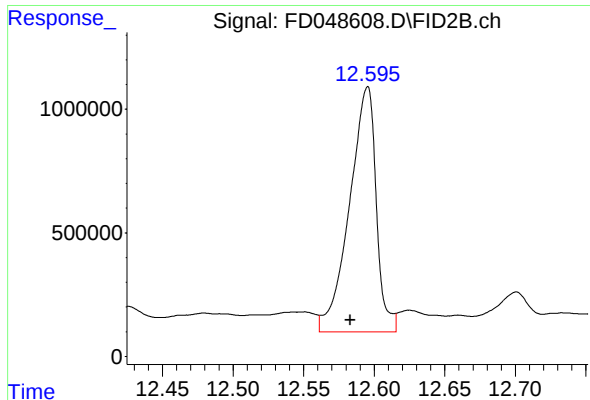
#11 ortho-Terphenyl (SURR)

R.T.: 11.264 min
Delta R.T.: 0.007 min
Response: 10759354
Conc: 63.16 ug/ml



#12 Fluoranthene (C21.85)

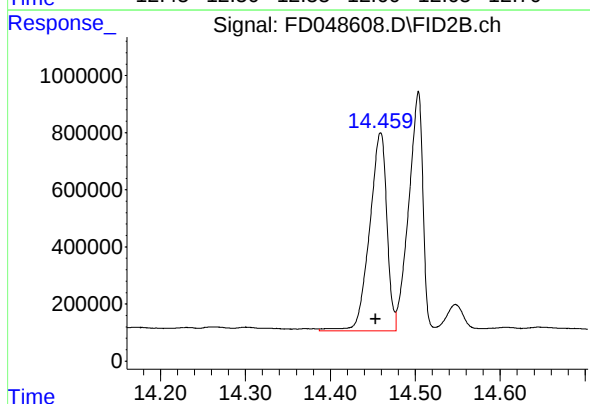
R.T.: 12.301 min
Delta R.T.: 0.010 min
Response: 15157296
Conc: 92.10 ug/ml



#13 Pyrene (C20.8)

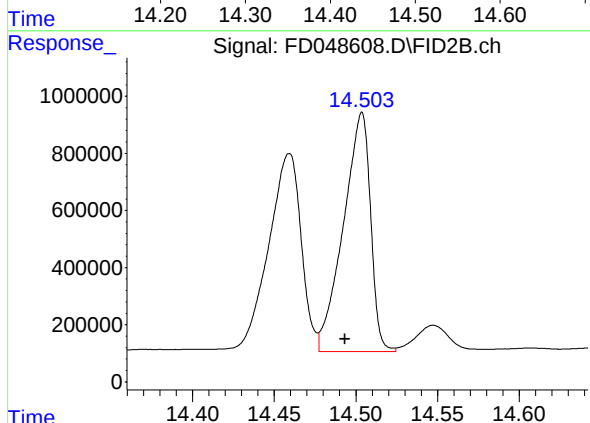
R.T.: 12.594 min
Delta R.T.: 0.011 min
Response: 13103057
Conc: 81.35 ug/ml

Instrument :
FID_D
ClientSampleId :



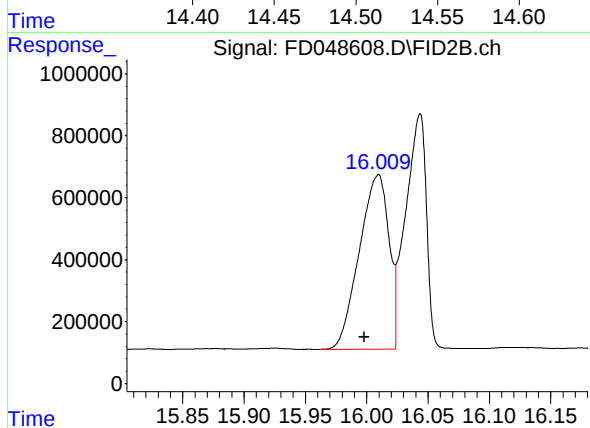
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.459 min
Delta R.T.: 0.005 min
Response: 9826901
Conc: 67.21 ug/ml



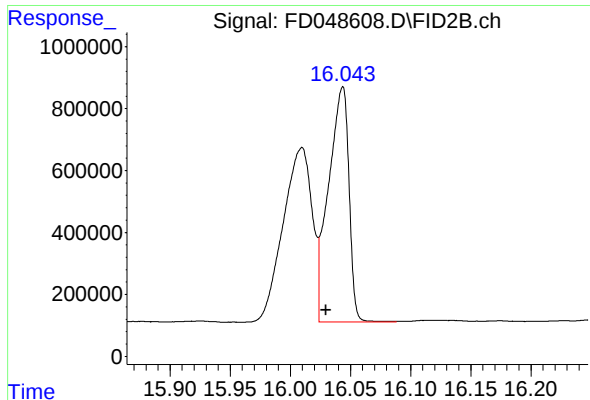
#15 Chrysene (C27.41)

R.T.: 14.503 min
Delta R.T.: 0.010 min
Response: 9689328
Conc: 58.90 ug/ml



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

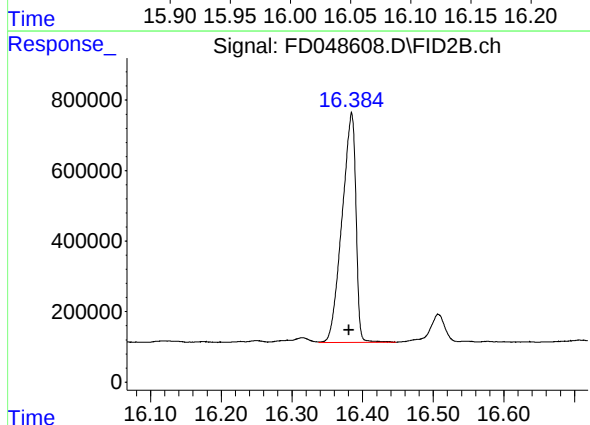
R.T.: 16.009 min
Delta R.T.: 0.011 min
Response: 9482357
Conc: 62.37 ug/ml



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

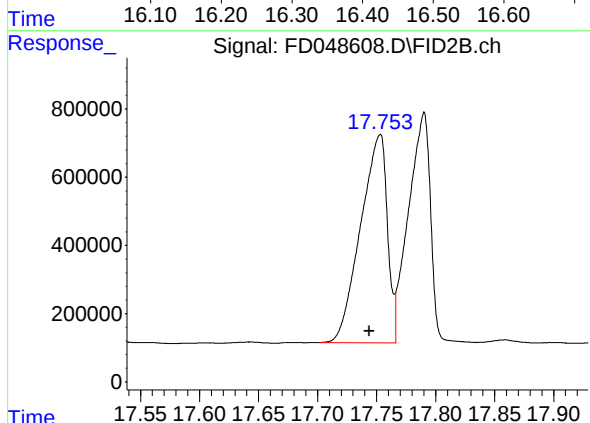
R.T.: 16.043 min
Delta R.T.: 0.013 min
Response: 9010679
Conc: 59.95 ug/ml

Instrument :
FID_D
ClientSampleId :



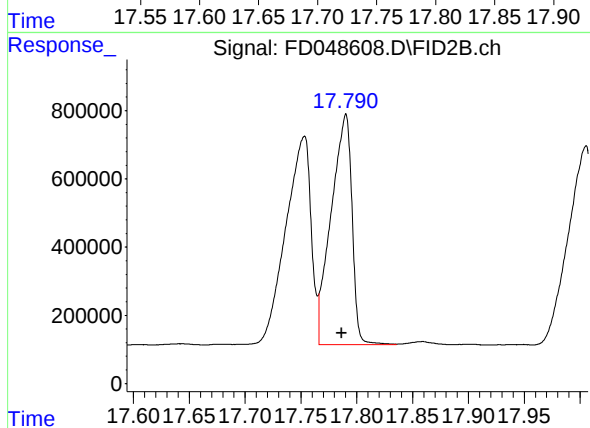
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.384 min
Delta R.T.: 0.003 min
Response: 8889150
Conc: 59.07 ug/ml



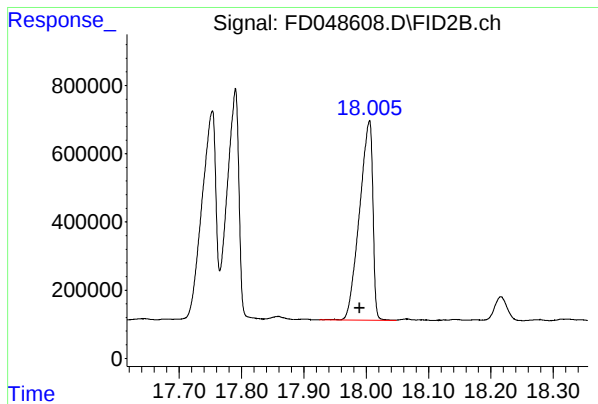
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.752 min
Delta R.T.: 0.008 min
Response: 9638358
Conc: 73.87 ug/ml



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

R.T.: 17.789 min
Delta R.T.: 0.003 min
Response: 8766635
Conc: 53.87 ug/ml



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

R.T.: 18.004 min
Delta R.T.: 0.014 min
Response: 8688529
Conc: 56.75 ug/ml

Instrument :

FID_D

ClientSampleId :