

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030725AR\
 Data File : FD049173.D
 Signal(s) : FID2B.ch
 Acq On : 06 Mar 2025 13:59
 Operator : YP/AJ
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 70 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 10 02:31:14 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030725.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 10 02:27:48 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...	7.367	866871	5.772 ug/ml
Spiked Amount 50.000		Recovery =	11.54%
6) S 2-Fluorobiphenyl (SURR)	8.243	292041	3.425 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	6.85%
11) S ortho-Terphenyl (SURR)	11.238	1034518	6.036 ug/ml
Spiked Amount 50.000		Recovery =	12.07%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.180	929080	5.657 ug/ml
2) T Naphthalene (C11.7)	5.707	854234	5.143 ug/ml
3) T 2-Methylnaphthalene (...)	6.758	887507	5.381 ug/ml
5) T Acenaphthylene (C15.06)	8.013	1011519	5.953 ug/ml
7) T Acenaphthene (C15.5)	8.301	1226413	6.923 ug/ml
8) T Flouorene (C16.55)	9.097	865075	5.317 ug/ml
9) T Phenanthrene (C19.36)	10.485	851101	5.418 ug/ml
10) T Anthracene (C19.43)	10.574	800491	5.206 ug/ml
12) T Fluoranthene (C21.85)	12.297	887228	5.487 ug/ml
13) T Pyrene (C20.8)	12.581	911422	5.771 ug/ml
14) T Benzo[a]anthracene (C...	14.464	241588	1.888 ug/ml
15) T Chrysene (C27.41)	14.464	241588	1.817 ug/ml
16) T benzo[b]fluoranthene ...	16.009	545086	3.962 ug/ml
17) T Bnezo[k]fluoranthene ...	16.009	545086	3.478 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.412	760438	5.575 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.797f	216105	2.405 ug/ml
20) T Dibenz[a,h]anthracene...	17.797	216105	1.713 ug/ml
21) T Benzo[g,h,i]perylene ...	18.013	564791	4.384 ug/ml

(f)=RT Delta > 1/2 Window

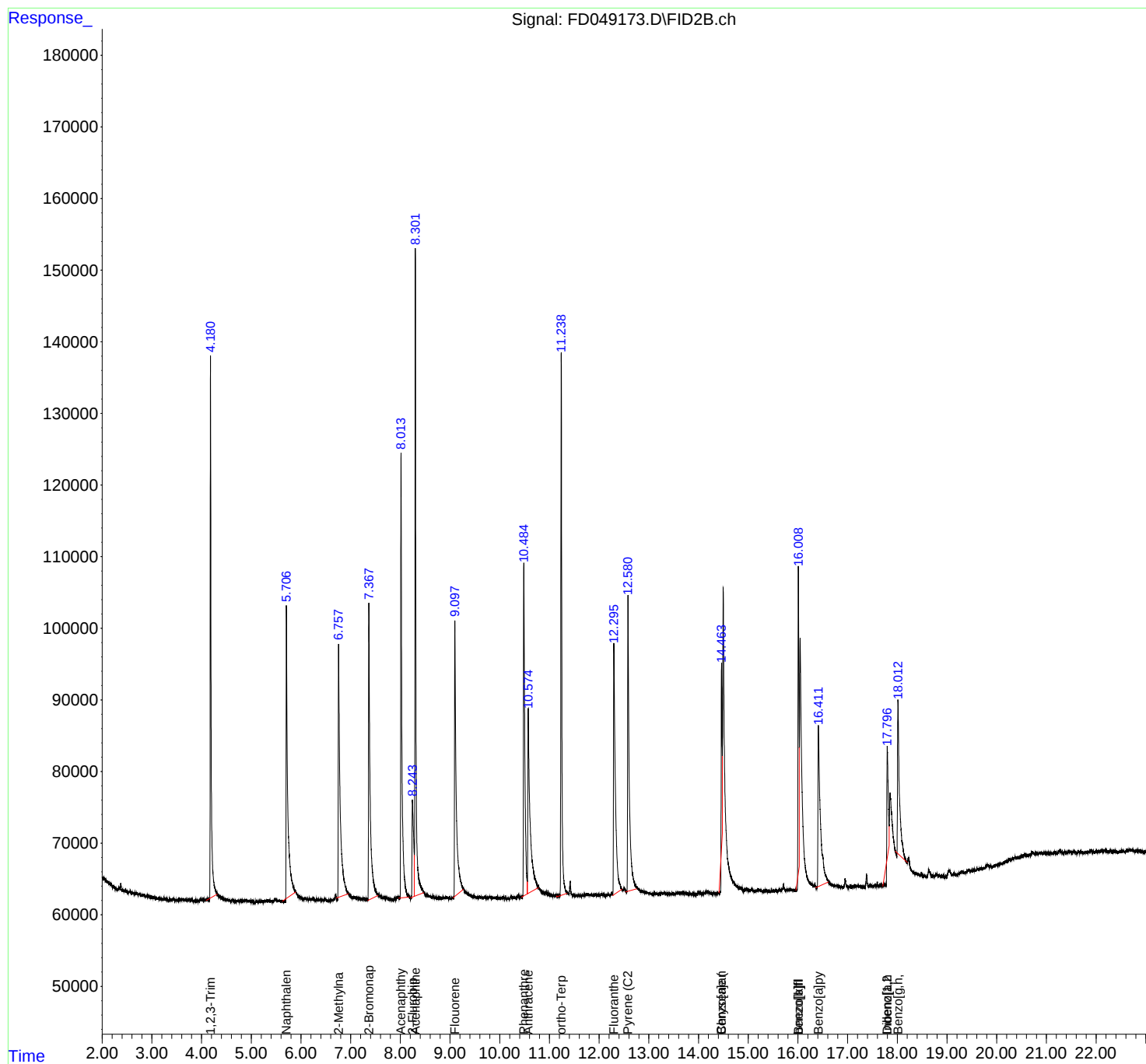
(m)=manual int.

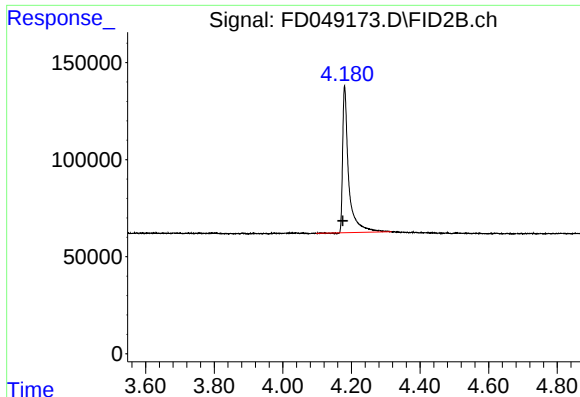
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030725AR\
Data File : FD049173.D
Signal(s) : FID2B.ch
Acq On : 06 Mar 2025 13:59
Operator : YP/AJ
Sample : 5 PPM AROMATIC HC STD5
Misc :
ALS Vial : 70 Sample Multiplier: 1

Instrument :
FID_D
ClientSampleId :

Integration File: autoint1.e
Quant Time: Mar 10 02:31:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030725.M
Quant Title : GC Extractables
QLast Update : Mon Mar 10 02:27:48 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

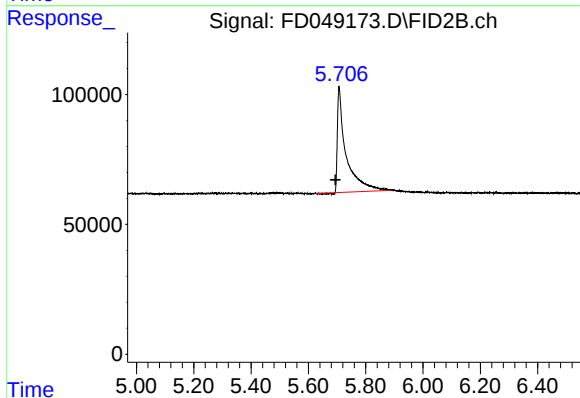




#1 1,2,3-Trimethylbenzene (C10.1)

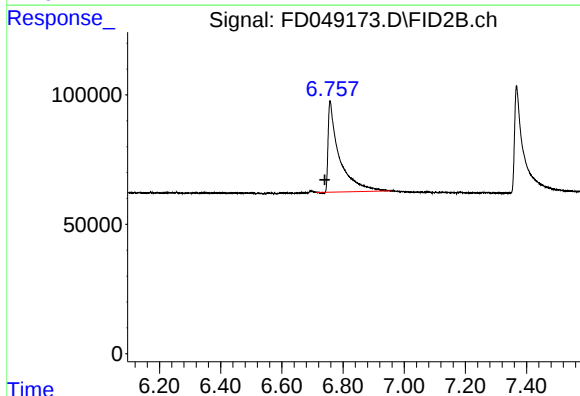
R.T.: 4.180 min
Delta R.T.: 0.005 min
Response: 929080
Conc: 5.66 ug/ml

Instrument :
FID_D
ClientSampleId :



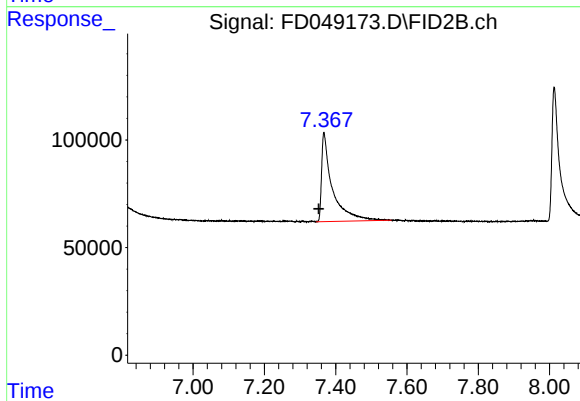
#2 Naphthalene (C11.7)

R.T.: 5.707 min
Delta R.T.: 0.014 min
Response: 854234
Conc: 5.14 ug/ml



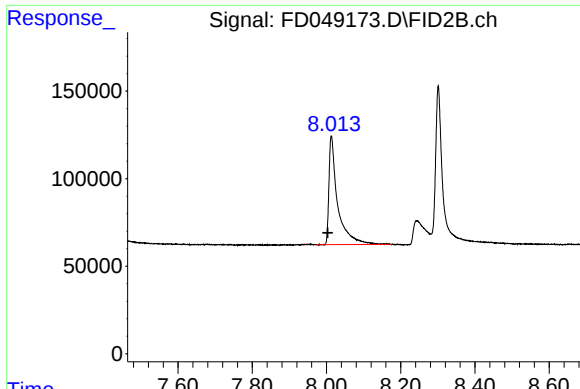
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.758 min
Delta R.T.: 0.018 min
Response: 887507
Conc: 5.38 ug/ml



#4 2-Bromonaphthalene (SURR)

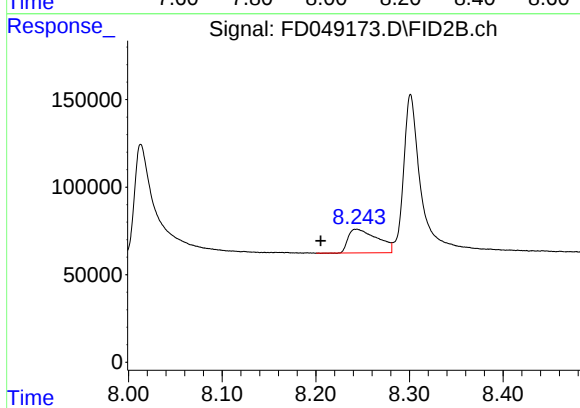
R.T.: 7.367 min
Delta R.T.: 0.015 min
Response: 866871
Conc: 5.77 ug/ml



#5 Acenaphthylene (C15.06)

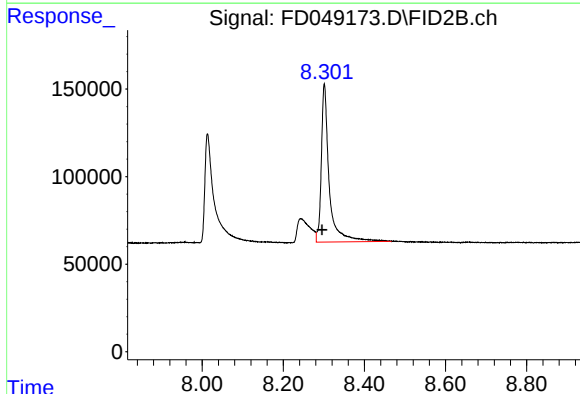
R.T.: 8.013 min
Delta R.T.: 0.010 min
Response: 1011519
Conc: 5.95 ug/ml

Instrument :
FID_D
ClientSampleId :



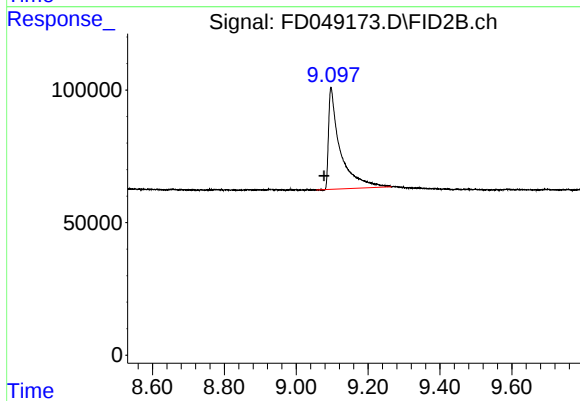
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.243 min
Delta R.T.: 0.038 min
Response: 292041
Conc: 3.42 ug/ml



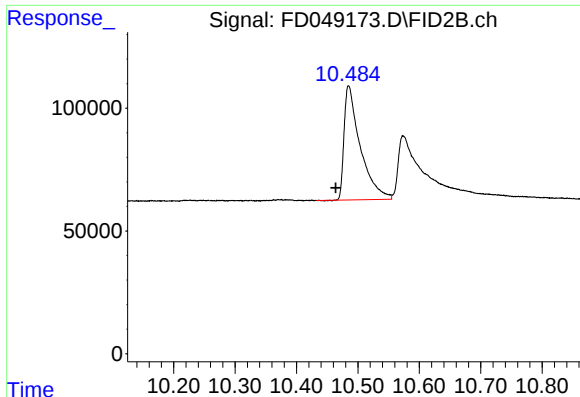
#7 Acenaphthene (C15.5)

R.T.: 8.301 min
Delta R.T.: 0.005 min
Response: 1226413
Conc: 6.92 ug/ml



#8 Fluorene (C16.55)

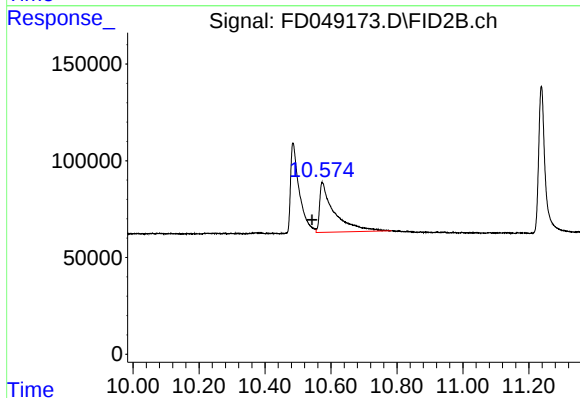
R.T.: 9.097 min
Delta R.T.: 0.020 min
Response: 865075
Conc: 5.32 ug/ml



#9 Phenanthrene (C19.36)

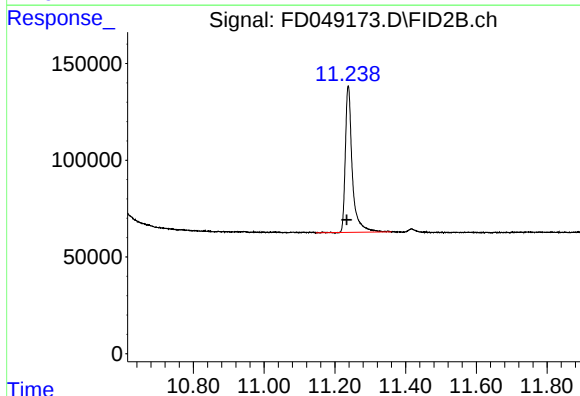
R.T.: 10.485 min
Delta R.T.: 0.021 min
Response: 851101
Conc: 5.42 ug/ml

Instrument :
FID_D
ClientSampleId :



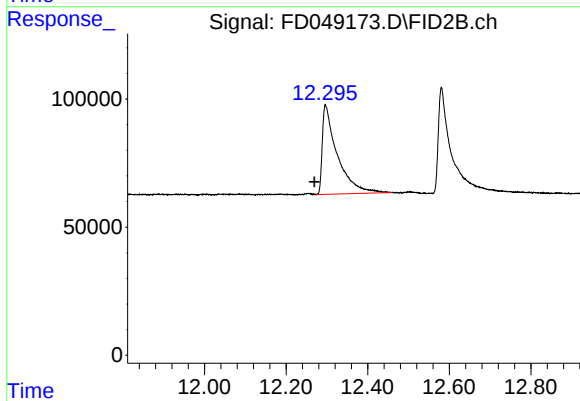
#10 Anthracene (C19.43)

R.T.: 10.574 min
Delta R.T.: 0.031 min
Response: 800491
Conc: 5.21 ug/ml



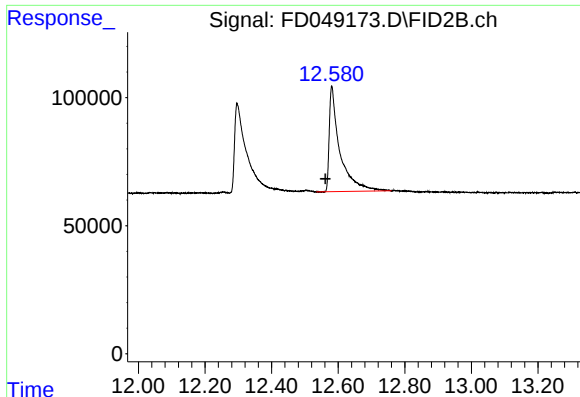
#11 ortho-Terphenyl (SURR)

R.T.: 11.238 min
Delta R.T.: 0.005 min
Response: 1034518
Conc: 6.04 ug/ml



#12 Fluoranthene (C21.85)

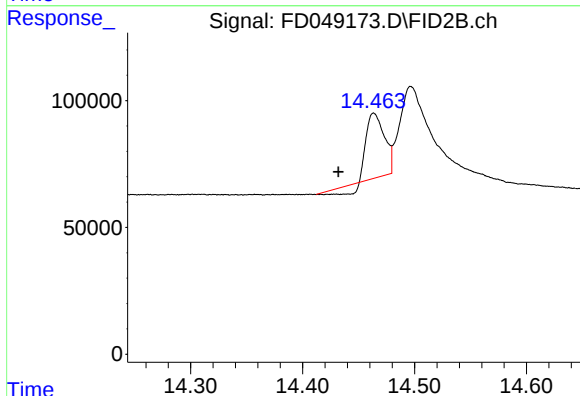
R.T.: 12.297 min
Delta R.T.: 0.027 min
Response: 887228
Conc: 5.49 ug/ml



#13 Pyrene (C20.8)

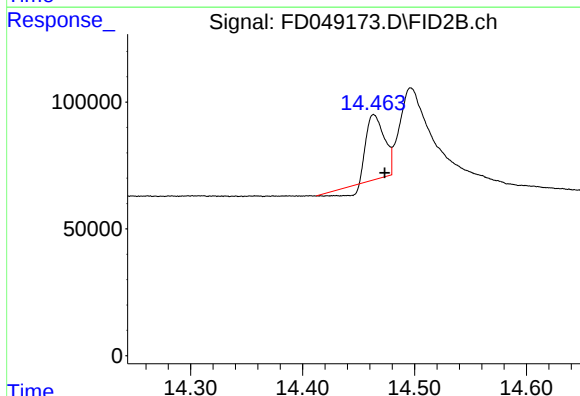
R.T.: 12.581 min
Delta R.T.: 0.020 min
Response: 911422
Conc: 5.77 ug/ml

Instrument :
FID_D
ClientSampleId :



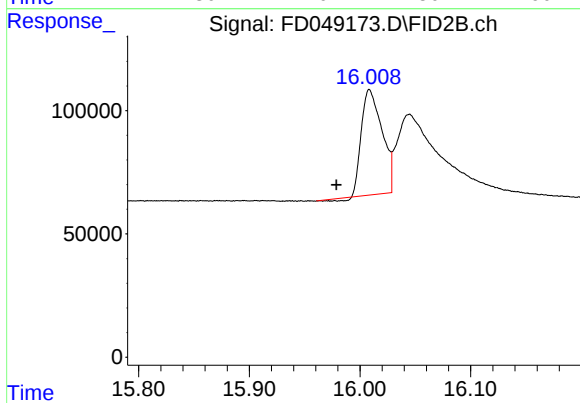
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.464 min
Delta R.T.: 0.032 min
Response: 241588
Conc: 1.89 ug/ml



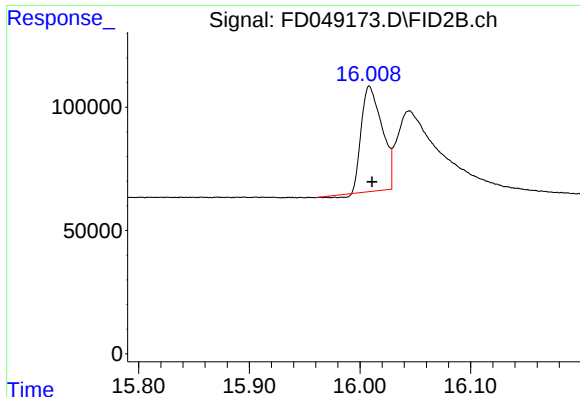
#15 Chrysene (C27.41)

R.T.: 14.464 min
Delta R.T.: -0.010 min
Response: 241588
Conc: 1.82 ug/ml



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

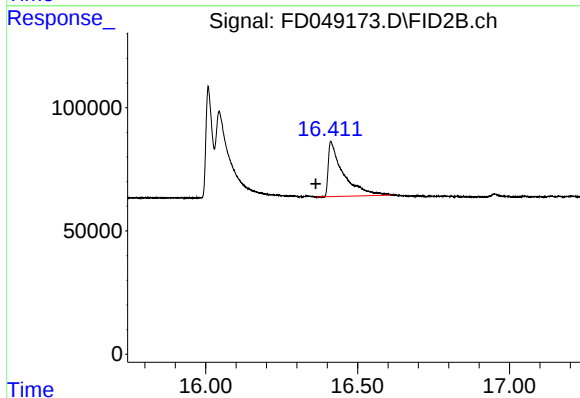
R.T.: 16.009 min
Delta R.T.: 0.030 min
Response: 545086
Conc: 3.96 ug/ml



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

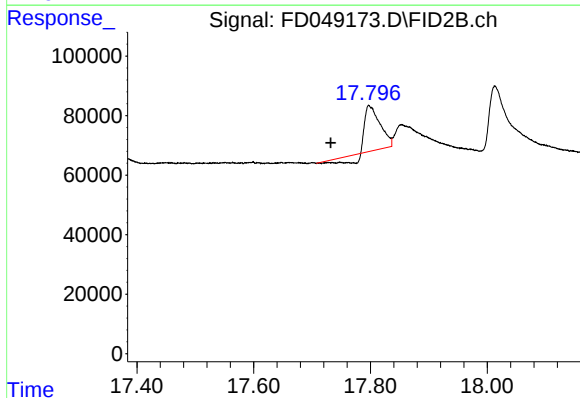
R.T.: 16.009 min
Delta R.T.: -0.002 min
Response: 545086
Conc: 3.48 ug/ml

Instrument :
FID_D
ClientSampleId :



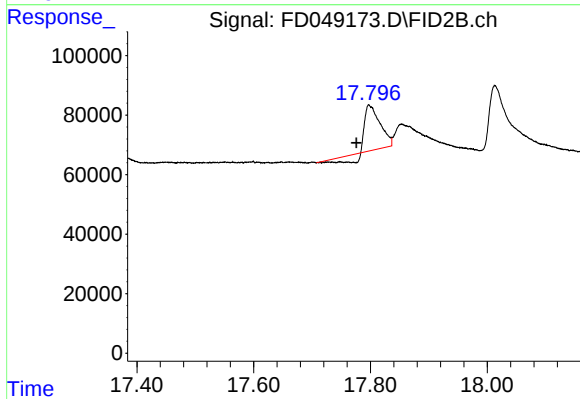
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.412 min
Delta R.T.: 0.050 min
Response: 760438
Conc: 5.58 ug/ml



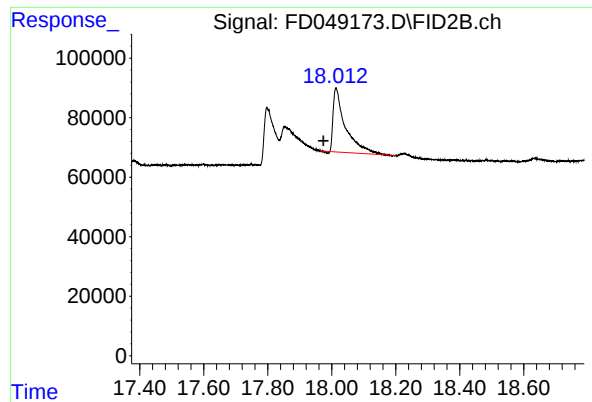
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.797 min
Delta R.T.: 0.066 min
Response: 216105
Conc: 2.41 ug/ml



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

R.T.: 17.797 min
Delta R.T.: 0.021 min
Response: 216105
Conc: 1.71 ug/ml



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

R.T.: 18.013 min
Delta R.T.: 0.039 min
Response: 564791
Conc: 4.38 ug/ml

Instrument :
FID_D
ClientSampleId :