

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052223AR\
 Data File : FD045729.D
 Signal(s) : FID2B.ch
 Acq On : 23 May 2023 09:50
 Operator : YP/AJ
 Sample : 02837-01MSD
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 23 15:09:47 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 050523.M
 Quant Title : GC Extractables
 QLast Update : Fri May 05 18:09:33 2023
 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...	7.557	33790215	198.099 ug/ml
Spiked Amount 50.000		Recovery =	396.20%
6) S 2-Fluorobiphenyl (SURR)	8.421	42479093	369.466 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	738.93%#
11) S ortho-Terphenyl (SURR)	11.405	35253013	166.980 ug/ml
Spiked Amount 50.000		Recovery =	333.96%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.350	6452627	34.568 ug/ml
2) T Naphthalene (C11.7)	5.885	10736332	54.582 ug/ml
3) T 2-Methylnaphthalene (...)	6.946	25889028	131.053 ug/ml
5) T Acenaphthylene (C15.06)	8.196	15053149	83.785 ug/ml
7) T Acenaphthene (C15.5)	8.521	58939509	309.721 ug/ml
8) T Fluorene (C16.55)	9.279	17639895	93.534 ug/ml
9) T Phenanthrene (C19.36)	10.676	43169896	232.253 ug/ml
10) T Anthracene (C19.43)	10.717	67070859	375.174 ug/ml
12) T Fluoranthene (C21.85)	12.453	52063562	288.605 ug/ml
13) T Pyrene (C20.8)	12.774	14635250	83.506 ug/ml
14) T Benzo[a]anthracene (C...	14.658	16687879	104.843 ug/ml
15) T Chrysene (C27.41)	14.658	16687879	102.772 ug/ml
16) T benzo[b]fluoranthene ...	16.188	7844400	53.263 ug/ml
17) T Bnezo[k]fluoranthene ...	16.188	7844400	54.252 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.559	6692065	47.997 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.914	6825510	53.722 ug/ml
20) T Dibenz[a,h]anthracene...	17.955	6991030	54.434 ug/ml
21) T Benzo[g,h,i]perylene ...	18.169	6824410	53.057 ug/ml

(f)=RT Delta > 1/2 Window

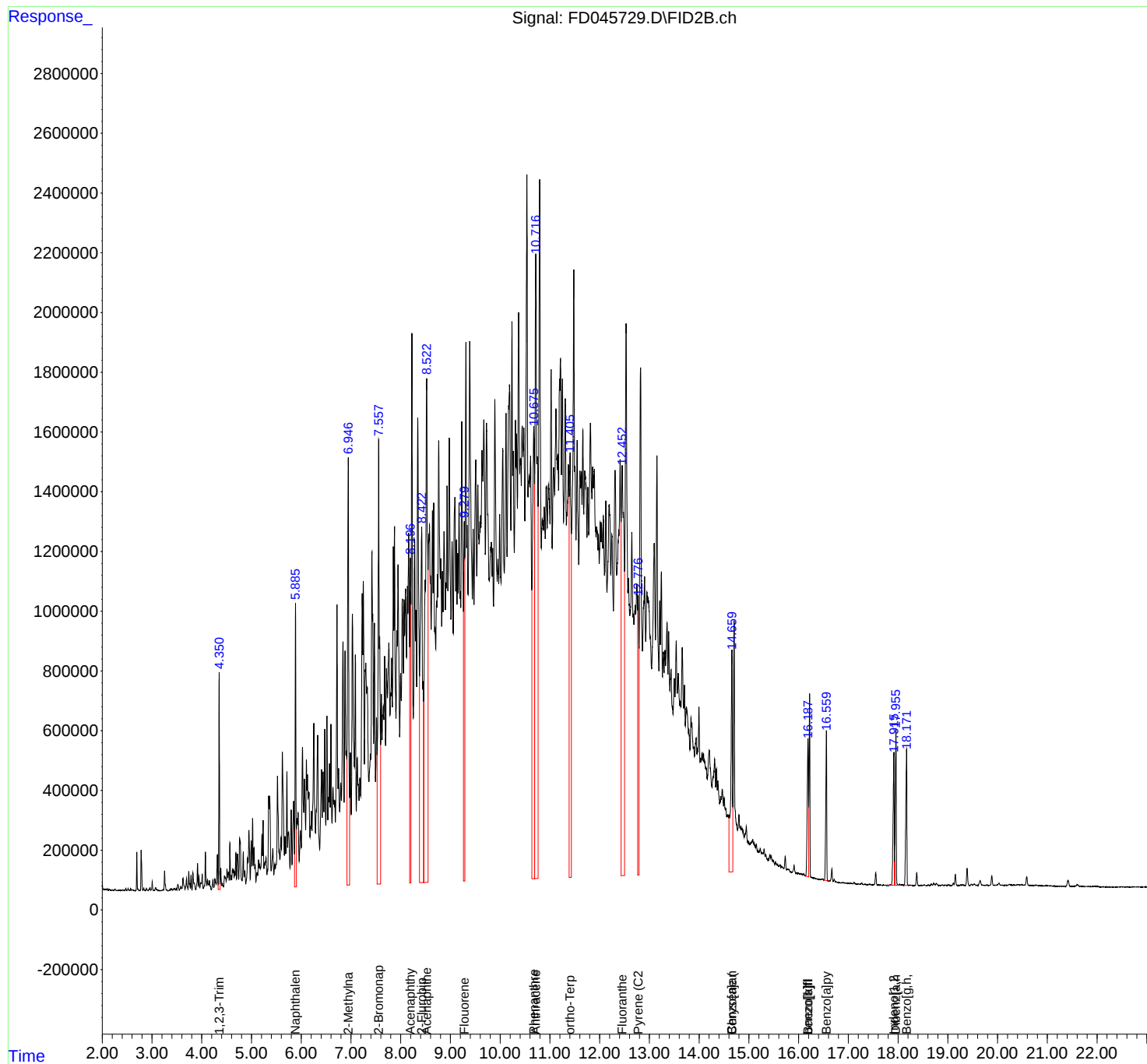
(m)=manual int.

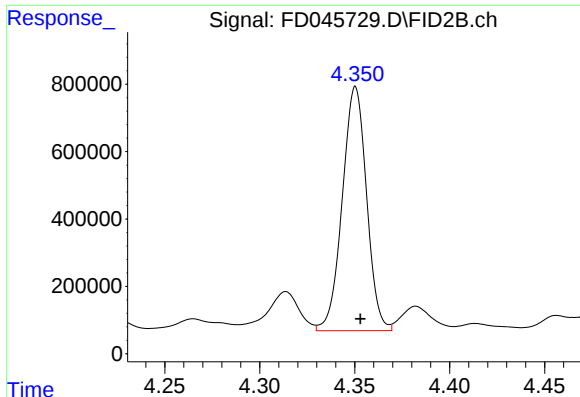
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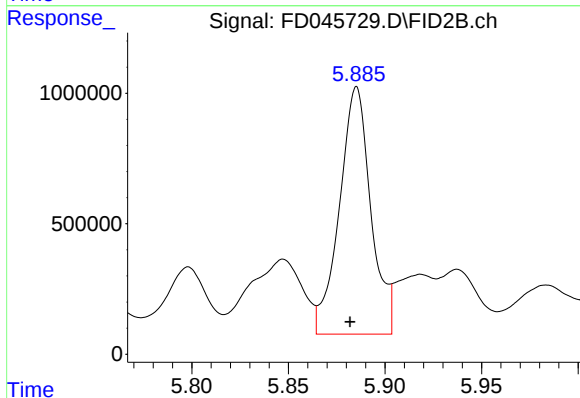




#1 1,2,3-Trimethylbenzene (C10.1)

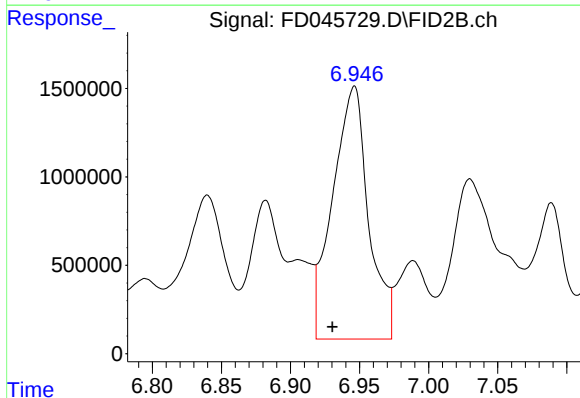
R.T.: 4.350 min
Delta R.T.: -0.003 min
Response: 6452627
Conc: 34.57 ug/ml

Instrument :
FID_D
ClientSampleId :



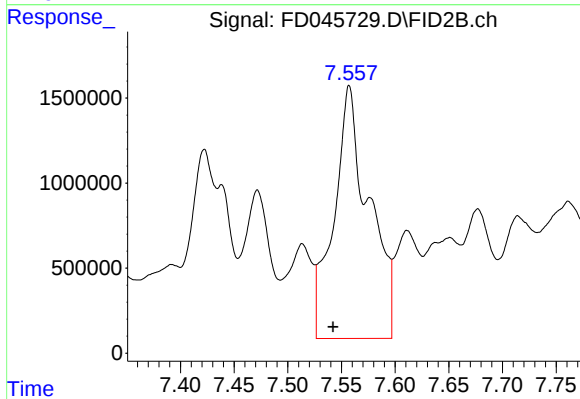
#2 Naphthalene (C11.7)

R.T.: 5.885 min
Delta R.T.: 0.003 min
Response: 10736332
Conc: 54.58 ug/ml



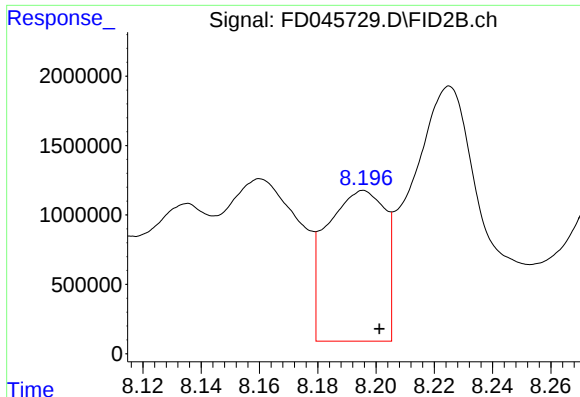
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.946 min
Delta R.T.: 0.015 min
Response: 25889028
Conc: 131.05 ug/ml



#4 2-Bromonaphthalene (SURR)

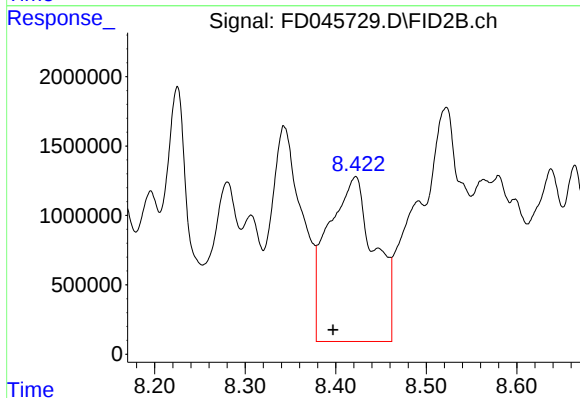
R.T.: 7.557 min
Delta R.T.: 0.015 min
Response: 33790215
Conc: 198.10 ug/ml



#5 Acenaphthylene (C15.06)

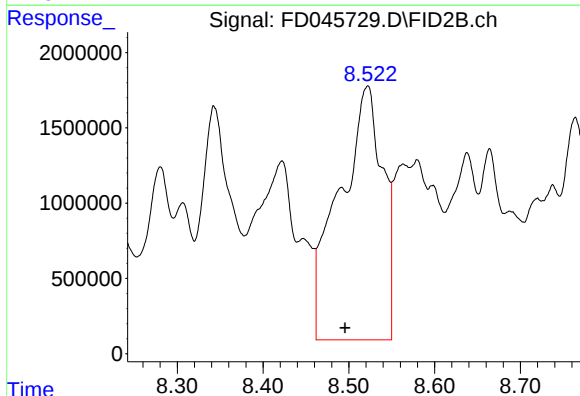
R.T.: 8.196 min
Delta R.T.: -0.005 min
Response: 15053149
Conc: 83.78 ug/ml

Instrument :
FID_D
ClientSampleId :



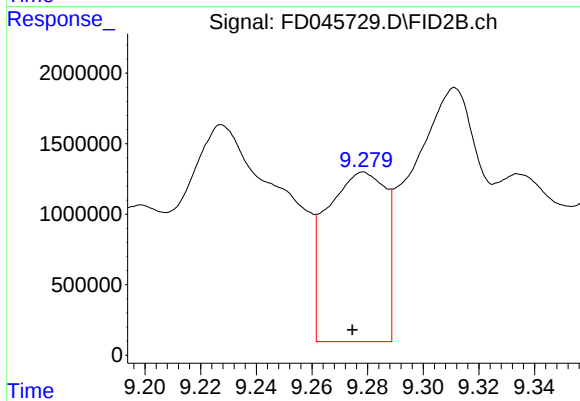
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.421 min
Delta R.T.: 0.024 min
Response: 42479093
Conc: 369.47 ug/ml



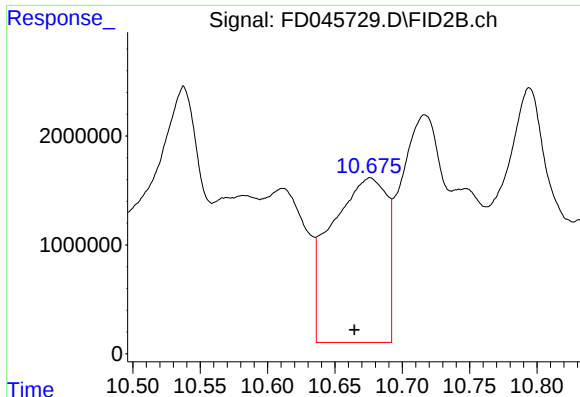
#7 Acenaphthene (C15.5)

R.T.: 8.521 min
Delta R.T.: 0.026 min
Response: 58939509
Conc: 309.72 ug/ml



#8 Flouorene (C16.55)

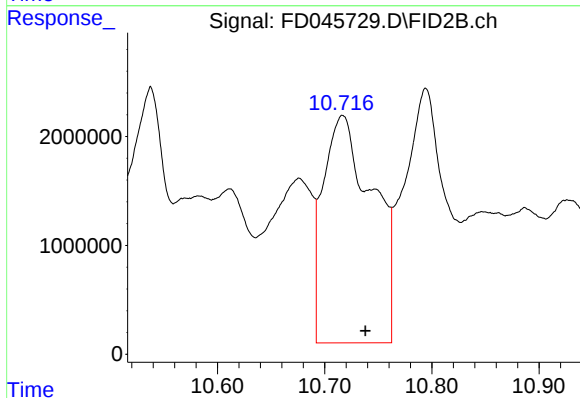
R.T.: 9.279 min
Delta R.T.: 0.004 min
Response: 17639895
Conc: 93.53 ug/ml



#9 Phenanthrene (C19.36)

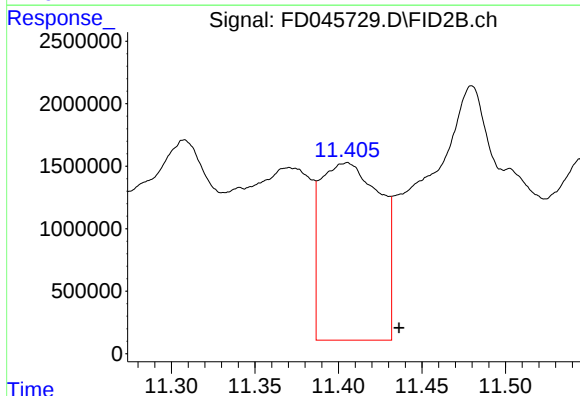
R.T.: 10.676 min
Delta R.T.: 0.012 min
Response: 43169896
Conc: 232.25 ug/ml

Instrument :
FID_D
ClientSampleId :



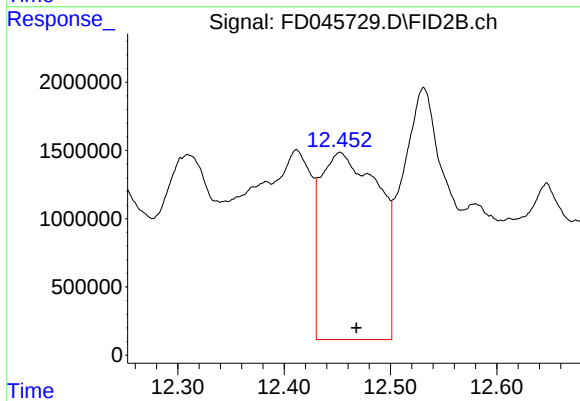
#10 Anthracene (C19.43)

R.T.: 10.717 min
Delta R.T.: -0.021 min
Response: 67070859
Conc: 375.17 ug/ml



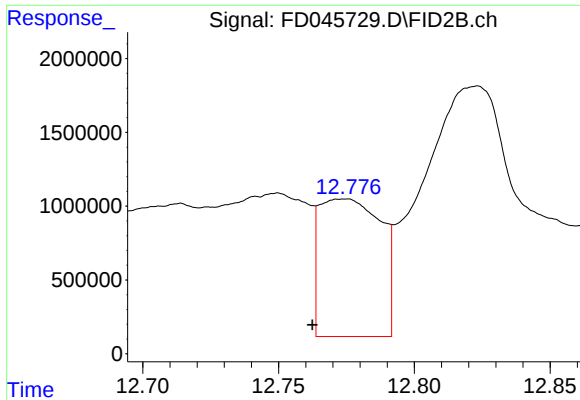
#11 ortho-Terphenyl (SURR)

R.T.: 11.405 min
Delta R.T.: -0.032 min
Response: 35253013
Conc: 166.98 ug/ml



#12 Fluoranthene (C21.85)

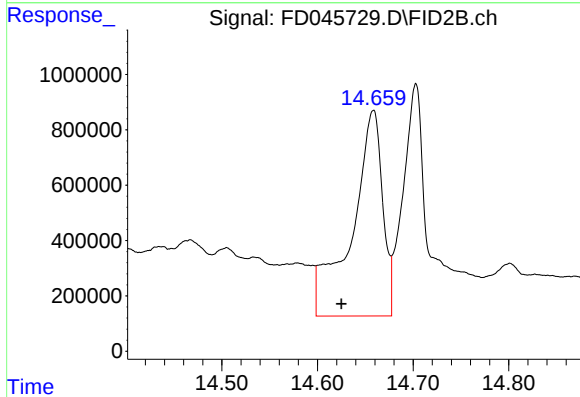
R.T.: 12.453 min
Delta R.T.: -0.015 min
Response: 52063562
Conc: 288.61 ug/ml



#13 Pyrene (C20.8)

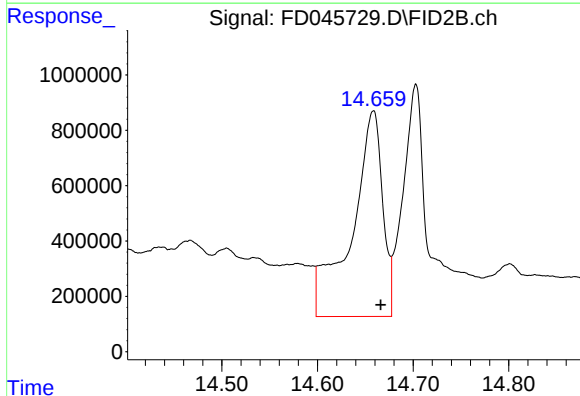
R.T.: 12.774 min
Delta R.T.: 0.011 min
Response: 14635250
Conc: 83.51 ug/ml

Instrument :
FID_D
ClientSampleId :



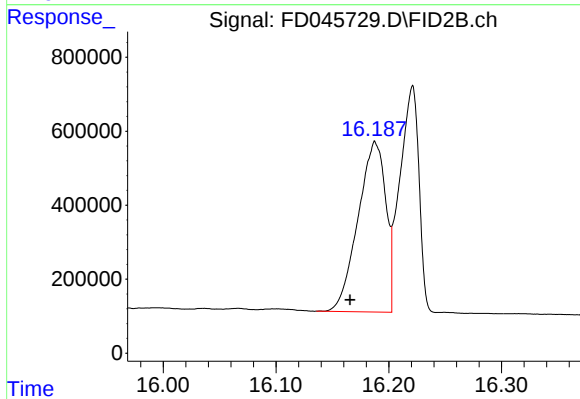
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.658 min
Delta R.T.: 0.033 min
Response: 16687879
Conc: 104.84 ug/ml



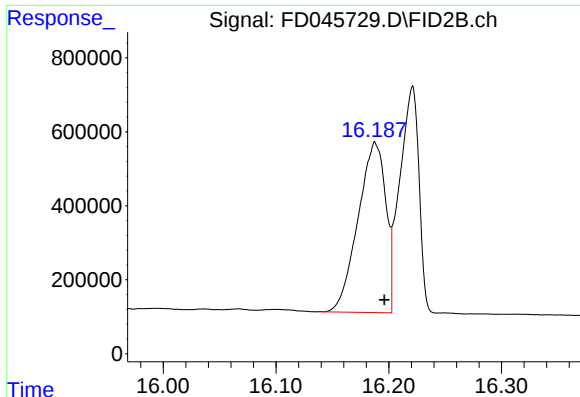
#15 Chrysene (C27.41)

R.T.: 14.658 min
Delta R.T.: -0.008 min
Response: 16687879
Conc: 102.77 ug/ml



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

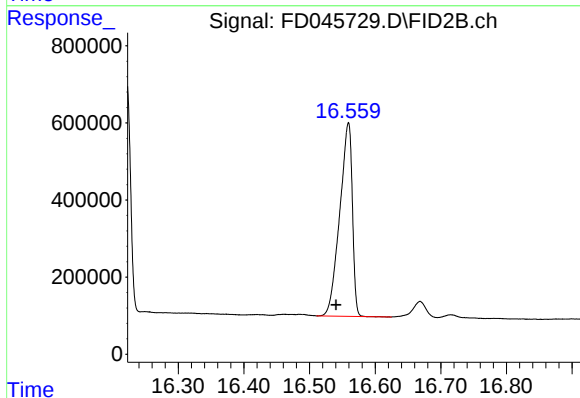
R.T.: 16.188 min
Delta R.T.: 0.022 min
Response: 7844400
Conc: 53.26 ug/ml



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

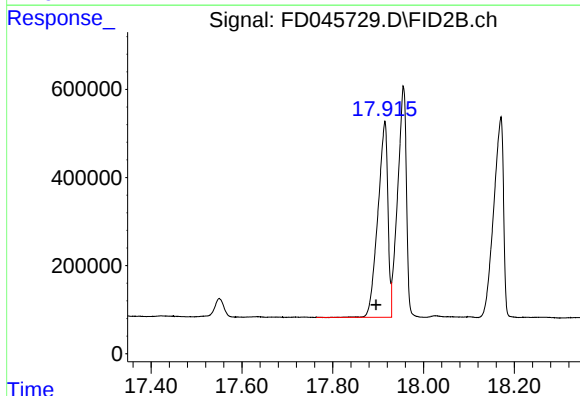
R.T.: 16.188 min
Delta R.T.: -0.008 min
Response: 7844400
Conc: 54.25 ug/ml

Instrument :
FID_D
ClientSampleId :



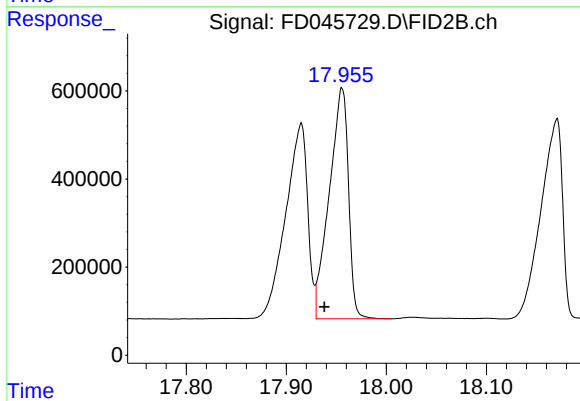
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.559 min
Delta R.T.: 0.018 min
Response: 6692065
Conc: 48.00 ug/ml



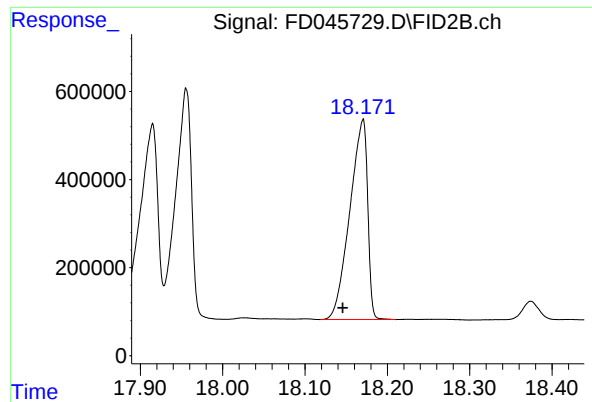
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.914 min
Delta R.T.: 0.019 min
Response: 6825510
Conc: 53.72 ug/ml



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

R.T.: 17.955 min
Delta R.T.: 0.017 min
Response: 6991030
Conc: 54.43 ug/ml



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

R.T.: 18.169 min
Delta R.T.: 0.024 min
Response: 6824410
Conc: 53.06 ug/ml

Instrument :

FID_D

ClientSampleId :