

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022825AR\
 Data File : FD049129.D
 Signal(s) : FID2B.ch
 Acq On : 28 Feb 2025 10:23
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 01 02:16:15 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 021125.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 12 12:54:29 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...	7.353	2766220	19.329 ug/ml
Spiked Amount 50.000		Recovery =	38.66%
6) S 2-Fluorobiphenyl (SURR)	8.205	1579167	17.963 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	35.93%
11) S ortho-Terphenyl (SURR)	11.233	3098268	19.152 ug/ml
Spiked Amount 50.000		Recovery =	38.30%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.176	3087214	19.386 ug/ml
2) T Naphthalene (C11.7)	5.694	3073038	19.353 ug/ml
3) T 2-Methylnaphthalene (...)	6.740	3030795	19.466 ug/ml
5) T Acenaphthylene (C15.06)	8.004	3126284	19.226 ug/ml
7) T Acenaphthene (C15.5)	8.296	3245153	19.726 ug/ml
8) T Flouorene (C16.55)	9.078	3004154	19.056 ug/ml
9) T Phenanthrene (C19.36)	10.464	2861190	18.986 ug/ml
10) T Anthracene (C19.43)	10.542	2864021	18.963 ug/ml
12) T Fluoranthene (C21.85)	12.269	2912936	18.877 ug/ml
13) T Pyrene (C20.8)	12.561	2912549	18.905 ug/ml
14) T Benzo[a]anthracene (C...	14.431	2400791	18.272 ug/ml
15) T Chrysene (C27.41)	14.472	3110275	19.236 ug/ml
16) T benzo[b]fluoranthene ...	15.978	2577213	18.731 ug/ml
17) T Bnezo[k]fluoranthene ...	16.010	3069763	19.436 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.362	2597623	19.137 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.730	1651182	15.110 ug/ml
20) T Dibenz[a,h]anthracene...	17.776	2586904	16.675 ug/ml
21) T Benzo[g,h,i]perylene ...	17.973	2645183	18.249 ug/ml

(f)=RT Delta > 1/2 Window

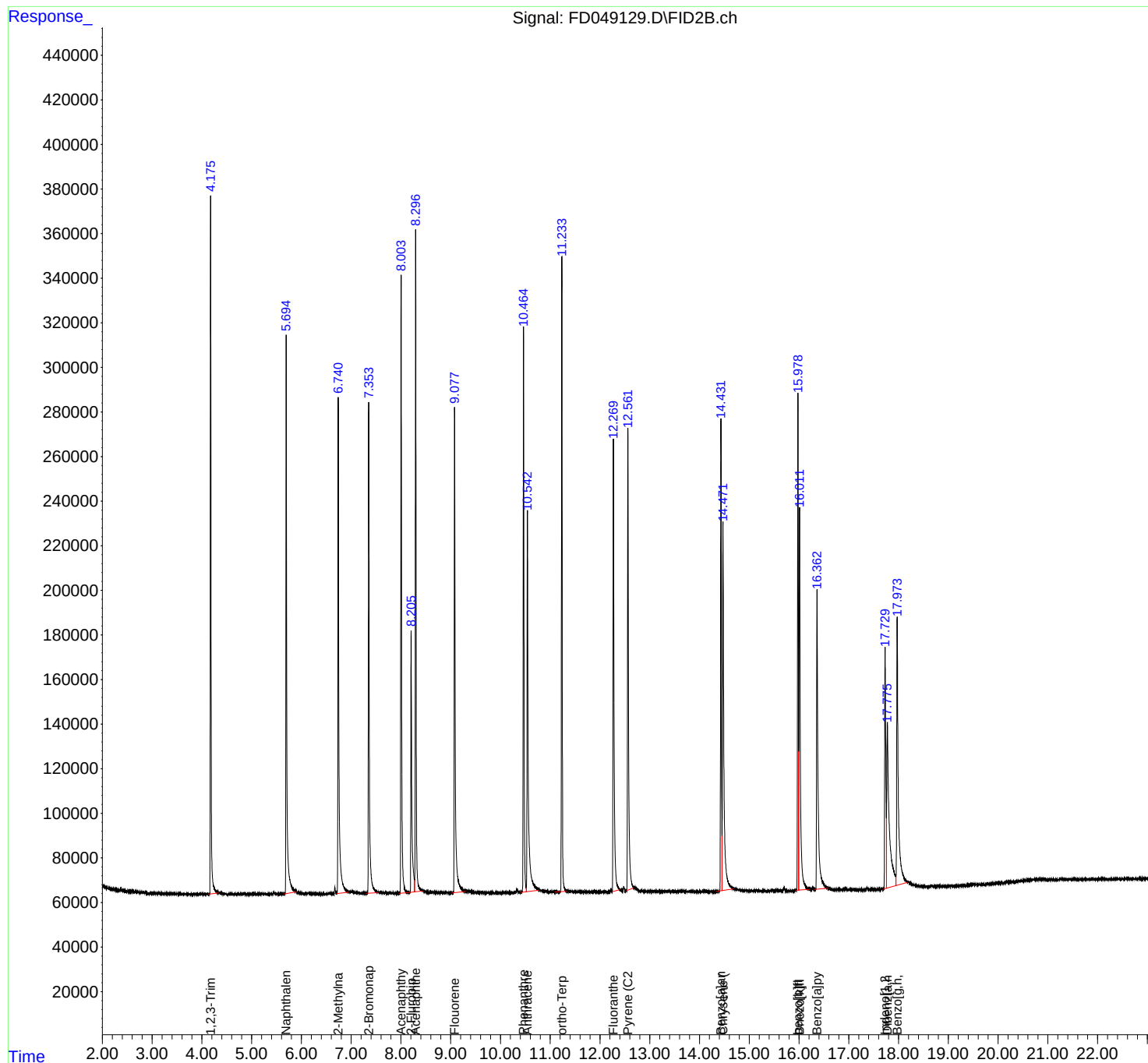
(m)=manual int.

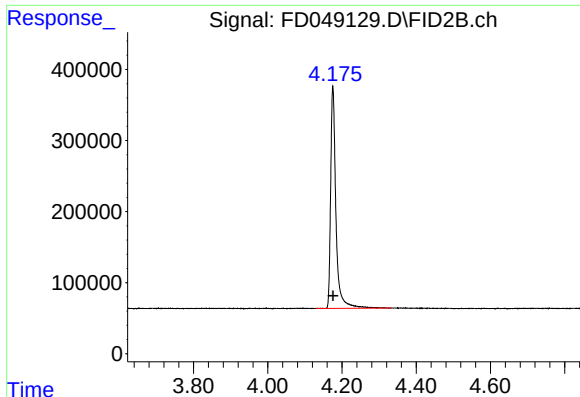
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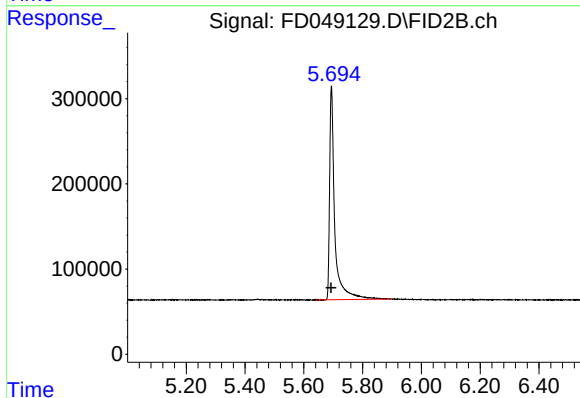




#1 1,2,3-Trimethylbenzene (C10.1)

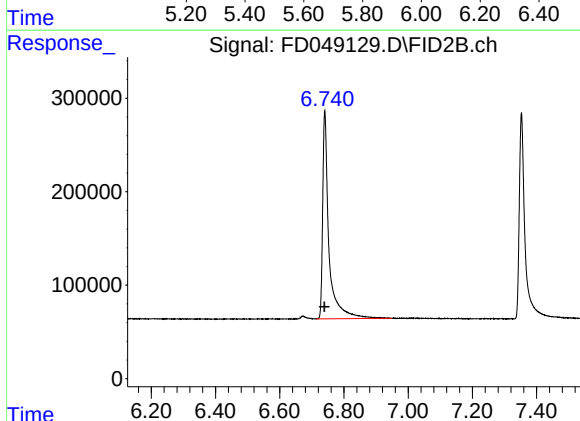
R.T.: 4.176 min
Delta R.T.: 0.000 min
Response: 3087214
Conc: 19.39 ug/ml

Instrument :
FID_D
ClientSampleId :



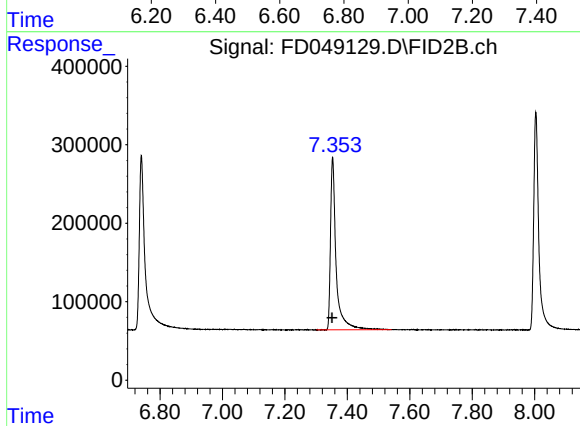
#2 Naphthalene (C11.7)

R.T.: 5.694 min
Delta R.T.: 0.001 min
Response: 3073038
Conc: 19.35 ug/ml



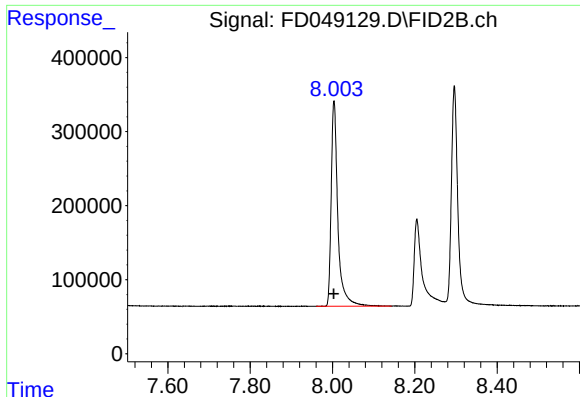
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.740 min
Delta R.T.: 0.002 min
Response: 3030795
Conc: 19.47 ug/ml



#4 2-Bromonaphthalene (SURR)

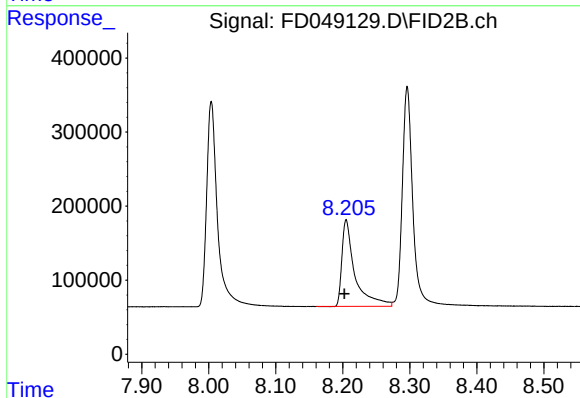
R.T.: 7.353 min
Delta R.T.: 0.002 min
Response: 2766220
Conc: 19.33 ug/ml



#5 Acenaphthylene (C15.06)

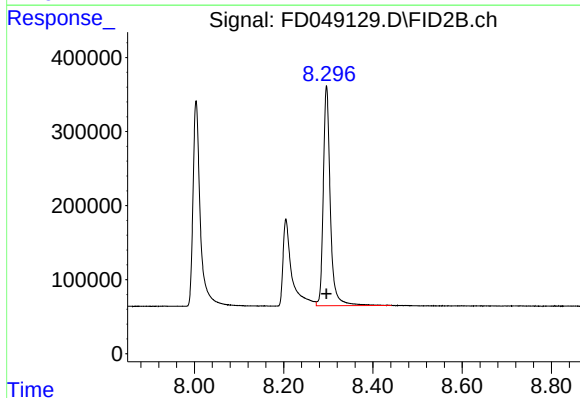
R.T.: 8.004 min
Delta R.T.: 0.001 min
Response: 3126284
Conc: 19.23 ug/ml

Instrument :
FID_D
ClientSampleId :



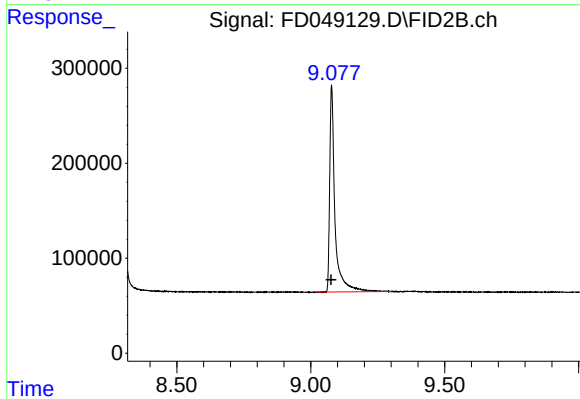
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.205 min
Delta R.T.: 0.003 min
Response: 1579167
Conc: 17.96 ug/ml



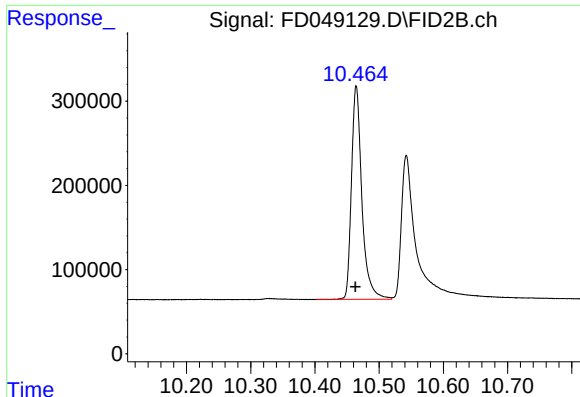
#7 Acenaphthene (C15.5)

R.T.: 8.296 min
Delta R.T.: 0.000 min
Response: 3245153
Conc: 19.73 ug/ml



#8 Fluorene (C16.55)

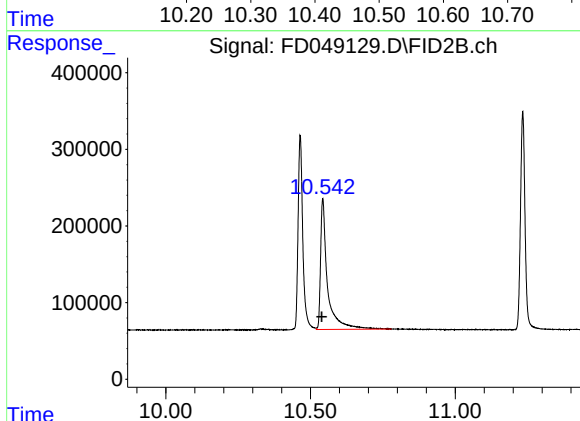
R.T.: 9.078 min
Delta R.T.: 0.002 min
Response: 3004154
Conc: 19.06 ug/ml



#9 Phenanthrene (C19.36)

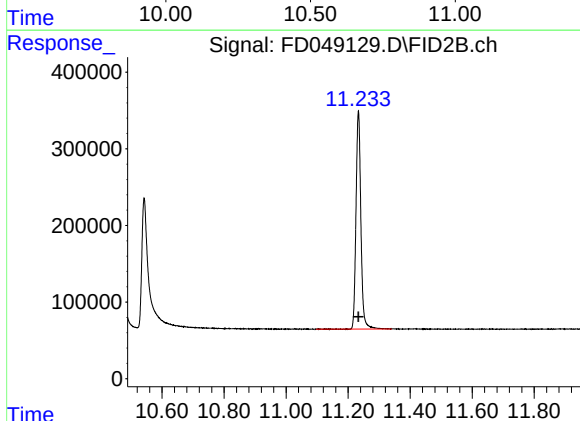
R.T.: 10.464 min
Delta R.T.: 0.002 min
Response: 2861190
Conc: 18.99 ug/ml

Instrument :
FID_D
ClientSampleId :



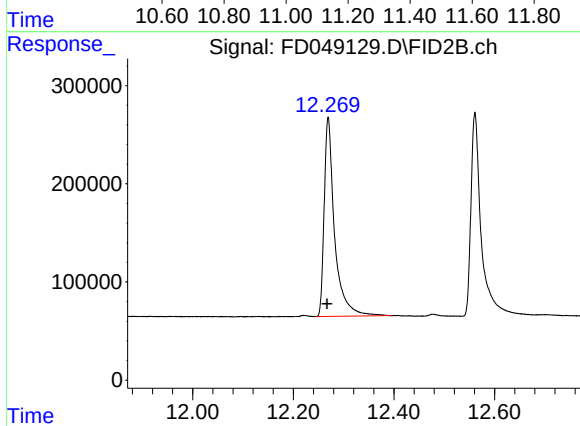
#10 Anthracene (C19.43)

R.T.: 10.542 min
Delta R.T.: 0.003 min
Response: 2864021
Conc: 18.96 ug/ml



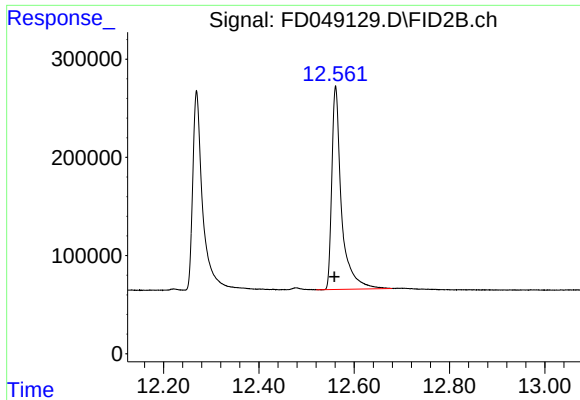
#11 ortho-Terphenyl (SURR)

R.T.: 11.233 min
Delta R.T.: 0.000 min
Response: 3098268
Conc: 19.15 ug/ml



#12 Fluoranthene (C21.85)

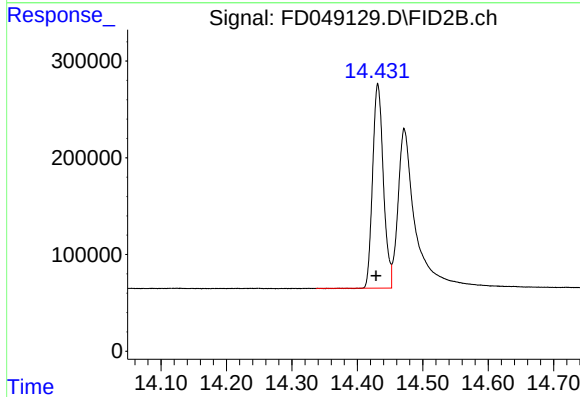
R.T.: 12.269 min
Delta R.T.: 0.002 min
Response: 2912936
Conc: 18.88 ug/ml



#13 Pyrene (C20.8)

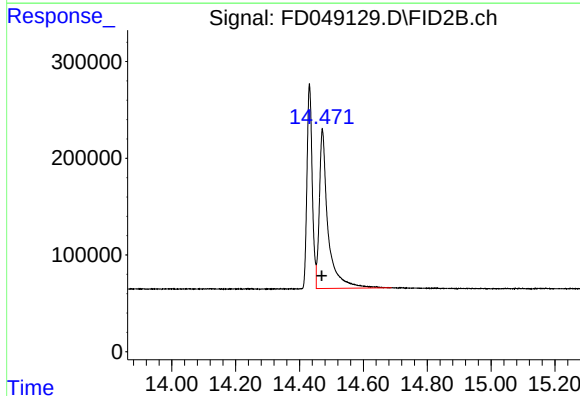
R.T.: 12.561 min
Delta R.T.: 0.003 min
Response: 2912549
Conc: 18.91 ug/ml

Instrument :
FID_D
ClientSampleId :



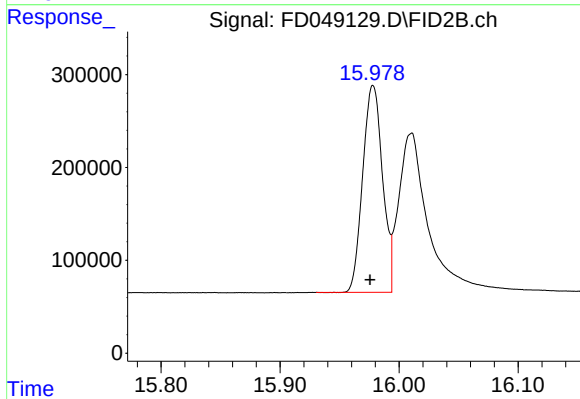
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.431 min
Delta R.T.: 0.003 min
Response: 2400791
Conc: 18.27 ug/ml



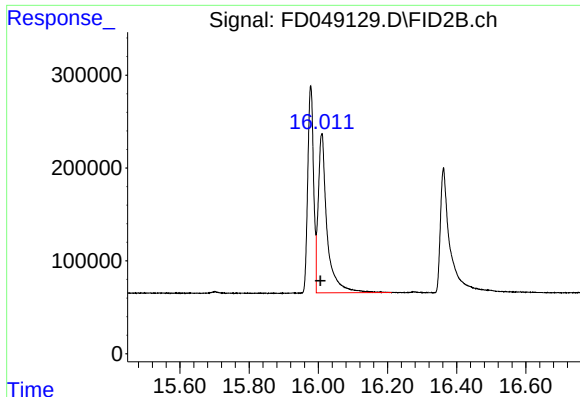
#15 Chrysene (C27.41)

R.T.: 14.472 min
Delta R.T.: 0.002 min
Response: 3110275
Conc: 19.24 ug/ml



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

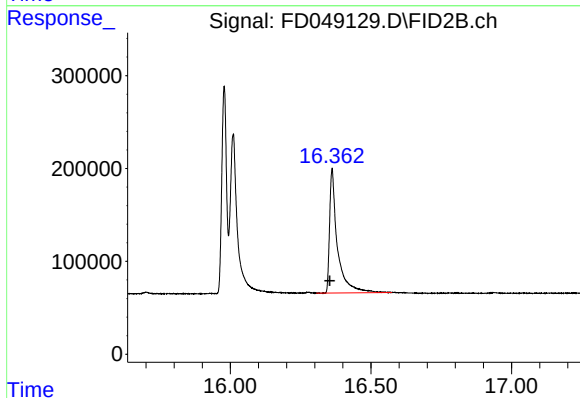
R.T.: 15.978 min
Delta R.T.: 0.003 min
Response: 2577213
Conc: 18.73 ug/ml



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

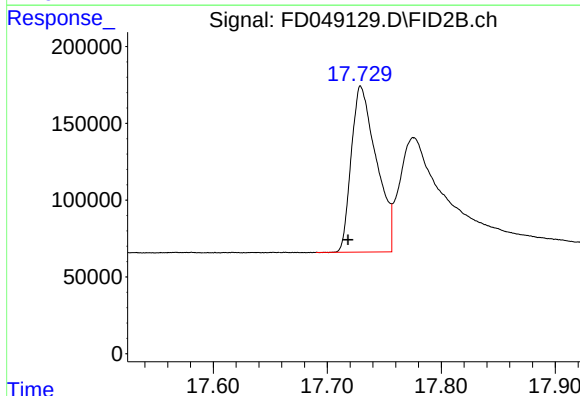
R.T.: 16.010 min
Delta R.T.: 0.004 min
Response: 3069763
Conc: 19.44 ug/ml

Instrument :
FID_D
ClientSampleId :



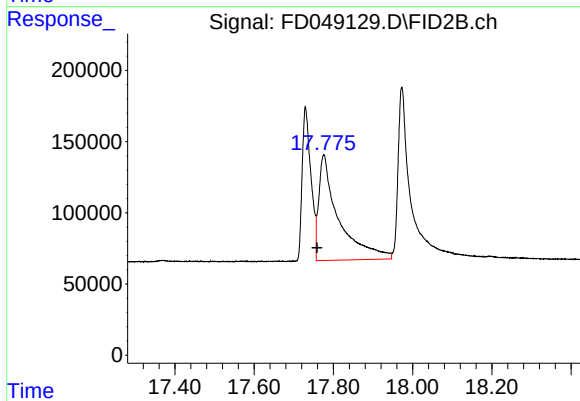
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.362 min
Delta R.T.: 0.008 min
Response: 2597623
Conc: 19.14 ug/ml



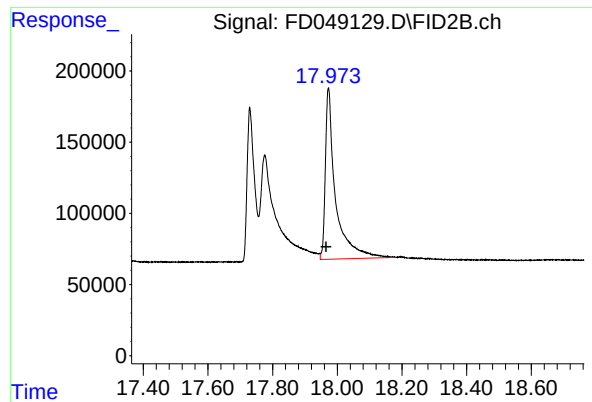
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.730 min
Delta R.T.: 0.011 min
Response: 1651182
Conc: 15.11 ug/ml



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

R.T.: 17.776 min
Delta R.T.: 0.017 min
Response: 2586904
Conc: 16.67 ug/ml



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

R.T.: 17.973 min
Delta R.T.: 0.007 min
Response: 2645183
Conc: 18.25 ug/ml

Instrument :

FID_D

ClientSampleId :