

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052124AR\
 Data File : FD047805.D
 Signal(s) : FID2B.ch
 Acq On : 21 May 2024 19:08
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD ICV
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: May 22 01:19:45 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052124.M
 Quant Title : GC Extractables
 QLast Update : Tue May 21 19:00:48 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...	7.457	2705929	19.274 ug/ml
Spiked Amount 50.000		Recovery =	38.55%
6) S 2-Fluorobiphenyl (SURR)	8.311	1811001	19.555 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.11%
11) S ortho-Terphenyl (SURR)	11.351	3084530	19.292 ug/ml
Spiked Amount 50.000		Recovery =	38.58%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.271	3024798	19.152 ug/ml
2) T Naphthalene (C11.7)	5.795	3149309	19.294 ug/ml
3) T 2-Methylnaphthalene (...)	6.845	3178544	19.290 ug/ml
5) T Acenaphthylene (C15.06)	8.114	3155366	19.305 ug/ml
7) T Acenaphthene (C15.5)	8.408	3155024	19.323 ug/ml
8) T Flouorene (C16.55)	9.188	3038253	19.313 ug/ml
9) T Phenanthrene (C19.36)	10.578	2991441	19.399 ug/ml
10) T Anthracene (C19.43)	10.653	2929439	19.486 ug/ml
12) T Fluoranthene (C21.85)	12.385	2940425	19.376 ug/ml
13) T Pyrene (C20.8)	12.679	2920556	19.373 ug/ml
14) T Benzo[a]anthracene (C...	14.549	2675187	19.515 ug/ml
15) T Chrysene (C27.41)	14.591	2832035	19.224 ug/ml
16) T benzo[b]fluoranthene ...	16.097	2730643	19.402 ug/ml
17) T Bnezo[k]fluoranthene ...	16.128	2624197	19.270 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.473	2681550	19.373 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.836	2202231	19.103 ug/ml
20) T Dibenz[a,h]anthracene...	17.877	2542422	19.066 ug/ml
21) T Benzo[g,h,i]perylene ...	18.087	2586798	19.451 ug/ml

(f)=RT Delta > 1/2 Window

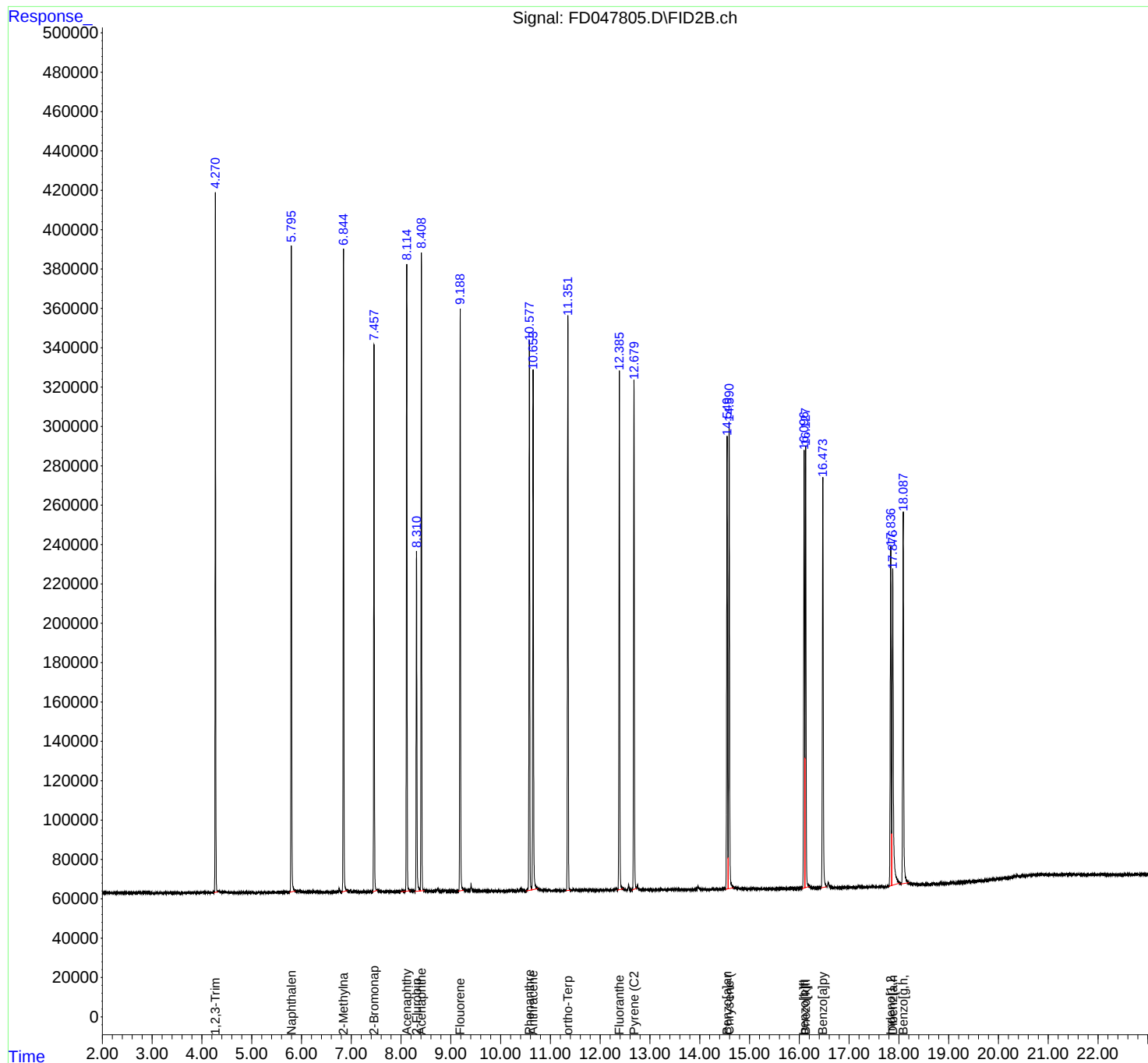
(m)=manual int.

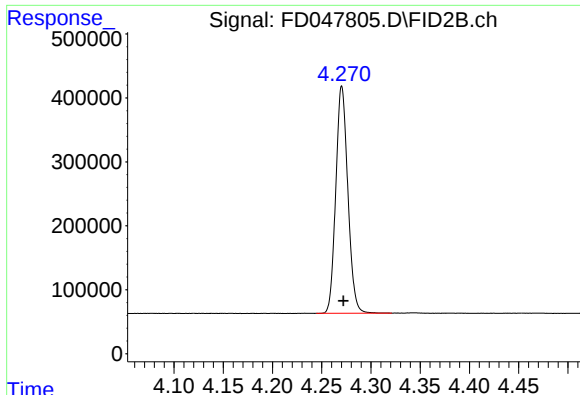
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#1 1,2,3-Trimethylbenzene (C10.1)

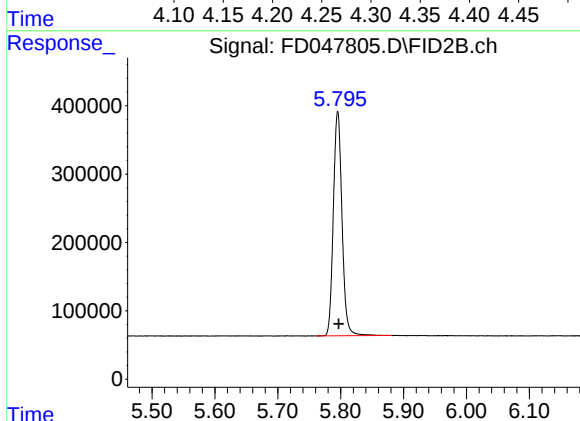
R.T.: 4.271 min
Delta R.T.: -0.001 min
Response: 3024798
Conc: 19.15 ug/ml

Instrument :

FID_D

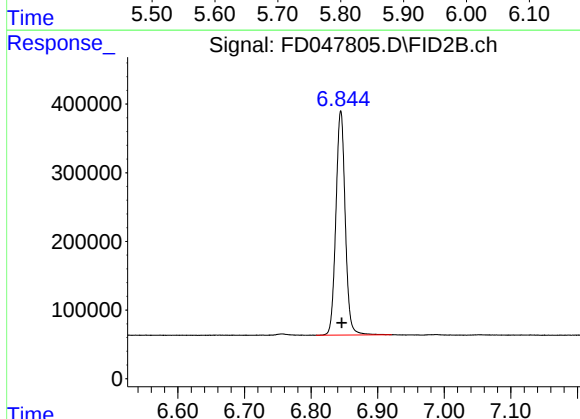
ClientSampleId :

20 PPM AROMATIC HC STD ICV



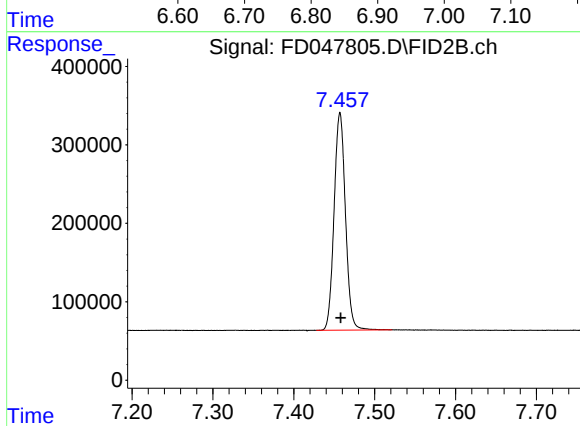
#2 Naphthalene (C11.7)

R.T.: 5.795 min
Delta R.T.: -0.002 min
Response: 3149309
Conc: 19.29 ug/ml



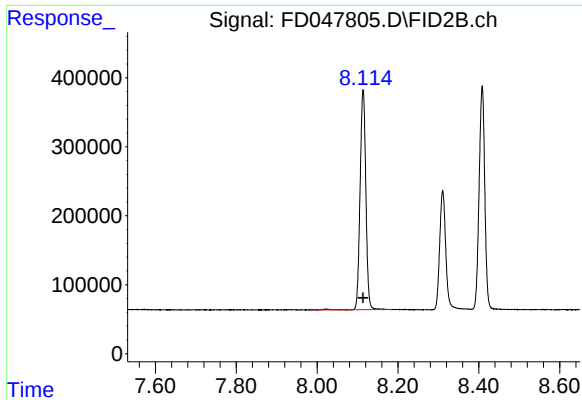
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.845 min
Delta R.T.: -0.001 min
Response: 3178544
Conc: 19.29 ug/ml



#4 2-Bromonaphthalene (SURR)

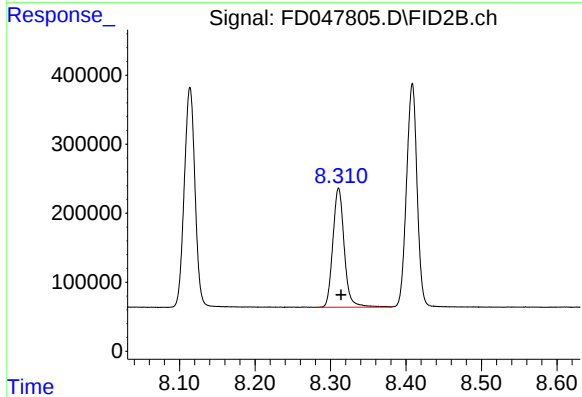
R.T.: 7.457 min
Delta R.T.: -0.001 min
Response: 2705929
Conc: 19.27 ug/ml



#5 Acenaphthylene (C15.06)

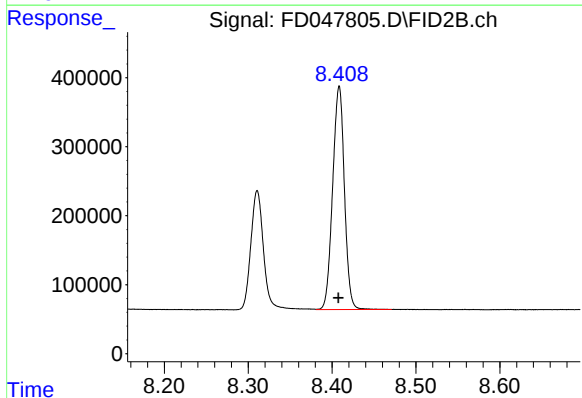
R.T.: 8.114 min
Delta R.T.: 0.000 min
Response: 3155366
Conc: 19.31 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD ICV



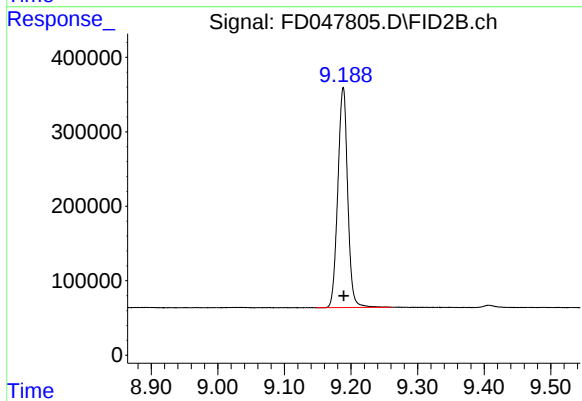
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.311 min
Delta R.T.: -0.003 min
Response: 1811001
Conc: 19.55 ug/ml



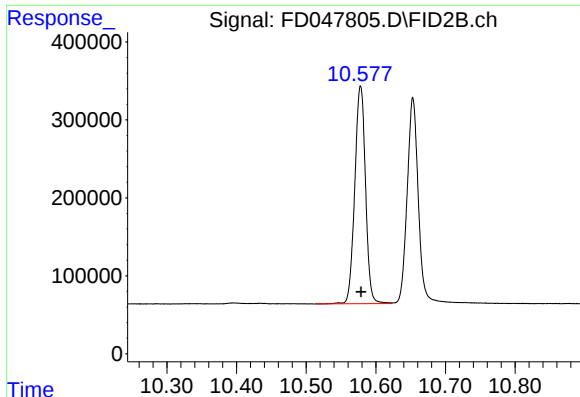
#7 Acenaphthene (C15.5)

R.T.: 8.408 min
Delta R.T.: 0.000 min
Response: 3155024
Conc: 19.32 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.188 min
Delta R.T.: 0.000 min
Response: 3038253
Conc: 19.31 ug/ml



#9 Phenanthrene (C19.36)

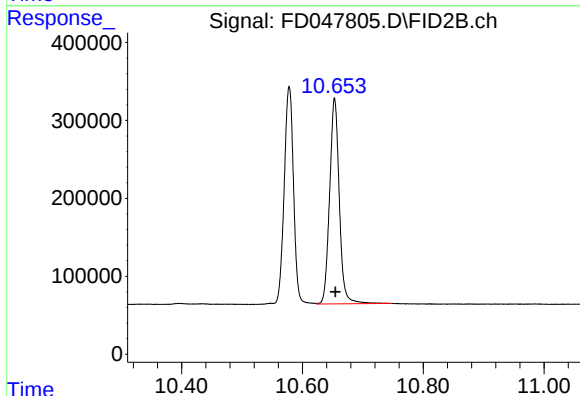
R.T.: 10.578 min
Delta R.T.: -0.001 min
Response: 2991441
Conc: 19.40 ug/ml

Instrument :

FID_D

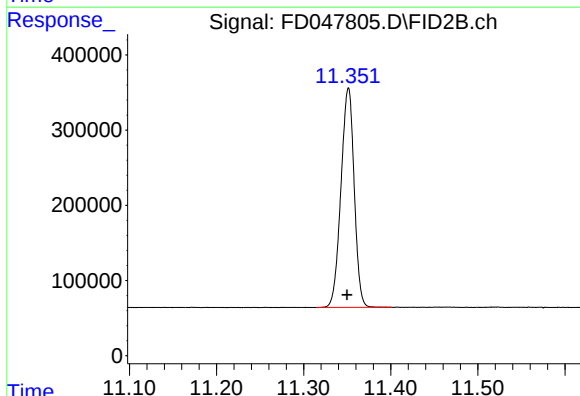
ClientSampleId :

20 PPM AROMATIC HC STD ICV



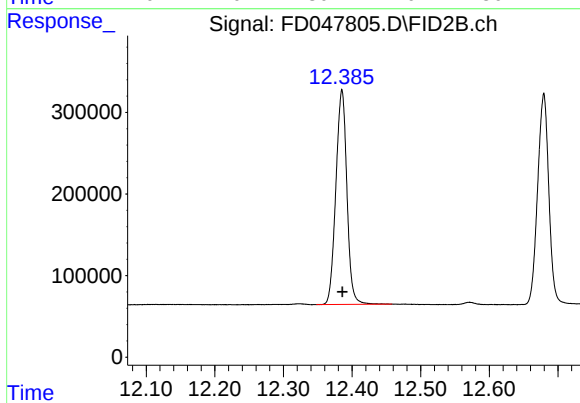
#10 Anthracene (C19.43)

R.T.: 10.653 min
Delta R.T.: -0.001 min
Response: 2929439
Conc: 19.49 ug/ml



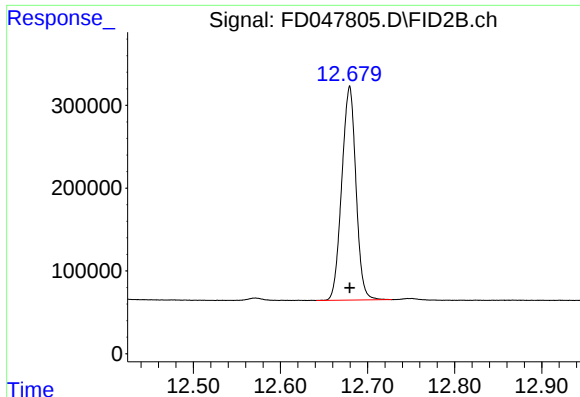
#11 ortho-Terphenyl (SURR)

R.T.: 11.351 min
Delta R.T.: 0.001 min
Response: 3084530
Conc: 19.29 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.385 min
Delta R.T.: -0.001 min
Response: 2940425
Conc: 19.38 ug/ml



#13 Pyrene (C20.8)

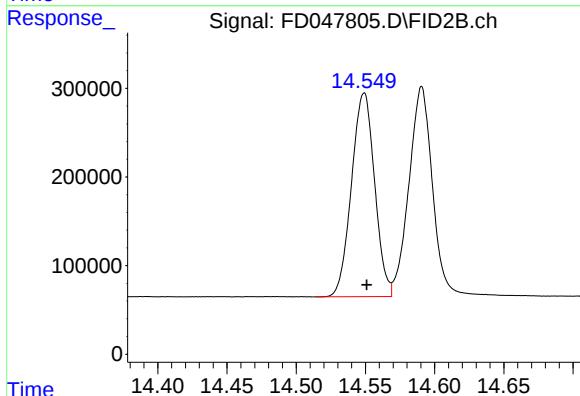
R.T.: 12.679 min
Delta R.T.: 0.000 min
Response: 2920556
Conc: 19.37 ug/ml

Instrument :

FID_D

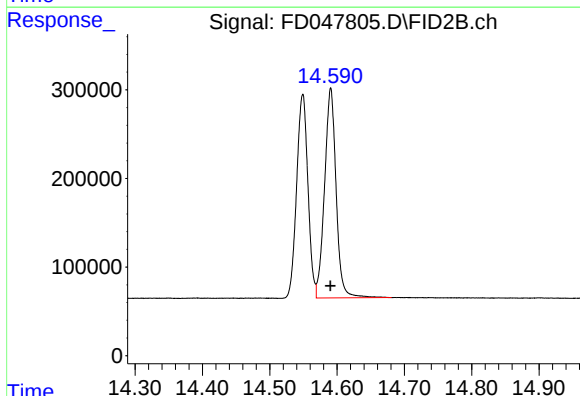
ClientSampleId :

20 PPM AROMATIC HC STD ICV



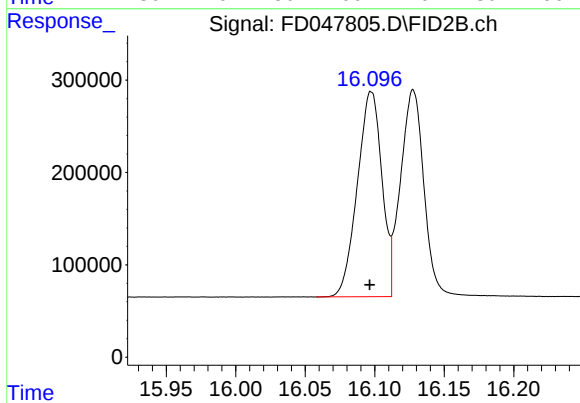
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.549 min
Delta R.T.: -0.002 min
Response: 2675187
Conc: 19.51 ug/ml



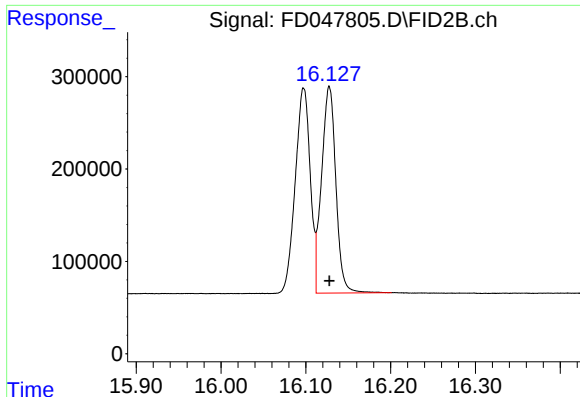
#15 Chrysene (C27.41)

R.T.: 14.591 min
Delta R.T.: 0.000 min
Response: 2832035
Conc: 19.22 ug/ml



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

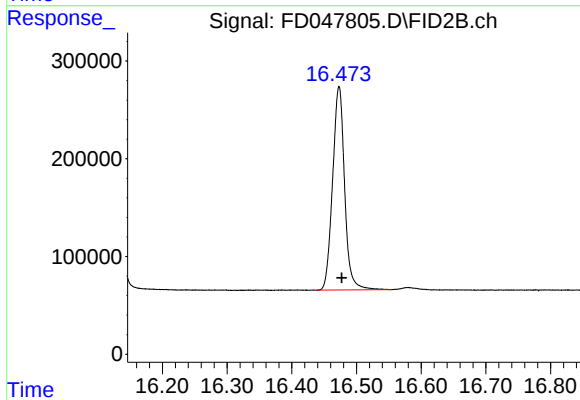
R.T.: 16.097 min
Delta R.T.: 0.000 min
Response: 2730643
Conc: 19.40 ug/ml



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

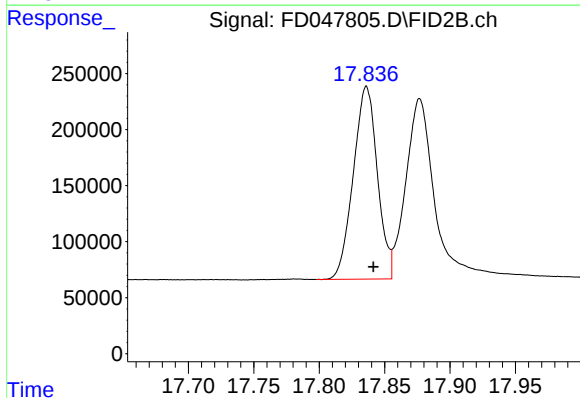
R.T.: 16.128 min
Delta R.T.: 0.000 min
Response: 2624197
Conc: 19.27 ug/ml

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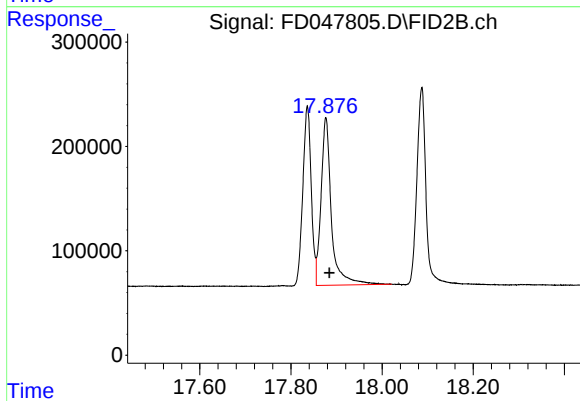
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.473 min
Delta R.T.: -0.004 min
Response: 2681550
Conc: 19.37 ug/ml



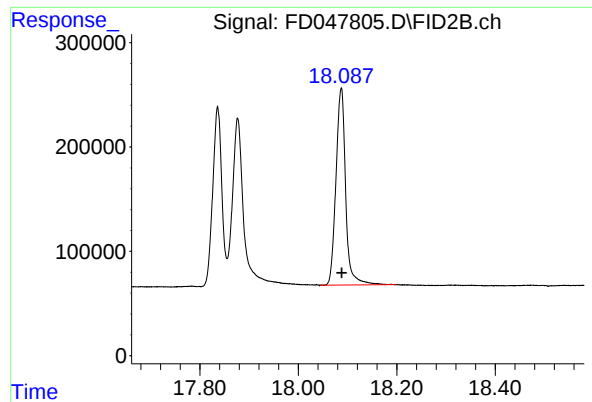
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.836 min
Delta R.T.: -0.005 min
Response: 2202231
Conc: 19.10 ug/ml



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

R.T.: 17.877 min
Delta R.T.: -0.008 min
Response: 2542422
Conc: 19.07 ug/ml



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

R.T.: 18.087 min
Delta R.T.: -0.001 min
Response: 2586798
Conc: 19.45 ug/ml

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