

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD080223AR\
 Data File : FD046235.D
 Signal(s) : FID2B.ch
 Acq On : 02 Aug 2023 12:15
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Aug 03 05:39:03 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 071923.M
 Quant Title : GC Extractables
 QLast Update : Thu Jul 20 03:07:14 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...	7.503	3107555	20.789 ug/ml
Spiked Amount 50.000		Recovery =	41.58%
6) S 2-Fluorobiphenyl (SURR)	8.357	1959537	20.932 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.86%
11) S ortho-Terphenyl (SURR)	11.395	3747308	21.457 ug/ml
Spiked Amount 50.000		Recovery =	42.91%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.317	3749806	20.581 ug/ml
2) T Naphthalene (C11.7)	5.844	3743083	20.724 ug/ml
3) T 2-Methylnaphthalene (...)	6.892	3641453	20.690 ug/ml
5) T Acenaphthylene (C15.06)	8.161	3160843	20.716 ug/ml
7) T Acenaphthene (C15.5)	8.456	3408629	20.904 ug/ml
8) T Flouorene (C16.55)	9.234	3196193	21.005 ug/ml
9) T Phenanthrene (C19.36)	10.623	3047494	21.164 ug/ml
10) T Anthracene (C19.43)	10.697	2394679	18.298 ug/ml
12) T Fluoranthene (C21.85)	12.426	3015901	21.583 ug/ml
13) T Pyrene (C20.8)	12.721	2968081	21.416 ug/ml
14) T Benzo[a]anthracene (C...	14.585	2744347	20.908 ug/ml
15) T Chrysene (C27.41)	14.627	2949210	20.916 ug/ml
16) T benzo[b]fluoranthene ...	16.127	2939076	21.490 ug/ml
17) T Bnezo[k]fluoranthene ...	16.160	2866001	20.909 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.501	2760943	21.207 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.858	2428558	20.192 ug/ml
20) T Dibenz[a,h]anthracene...	17.899	2500920	19.554 ug/ml
21) T Benzo[g,h,i]perylene ...	18.110	2638759	20.799 ug/ml

(f)=RT Delta > 1/2 Window

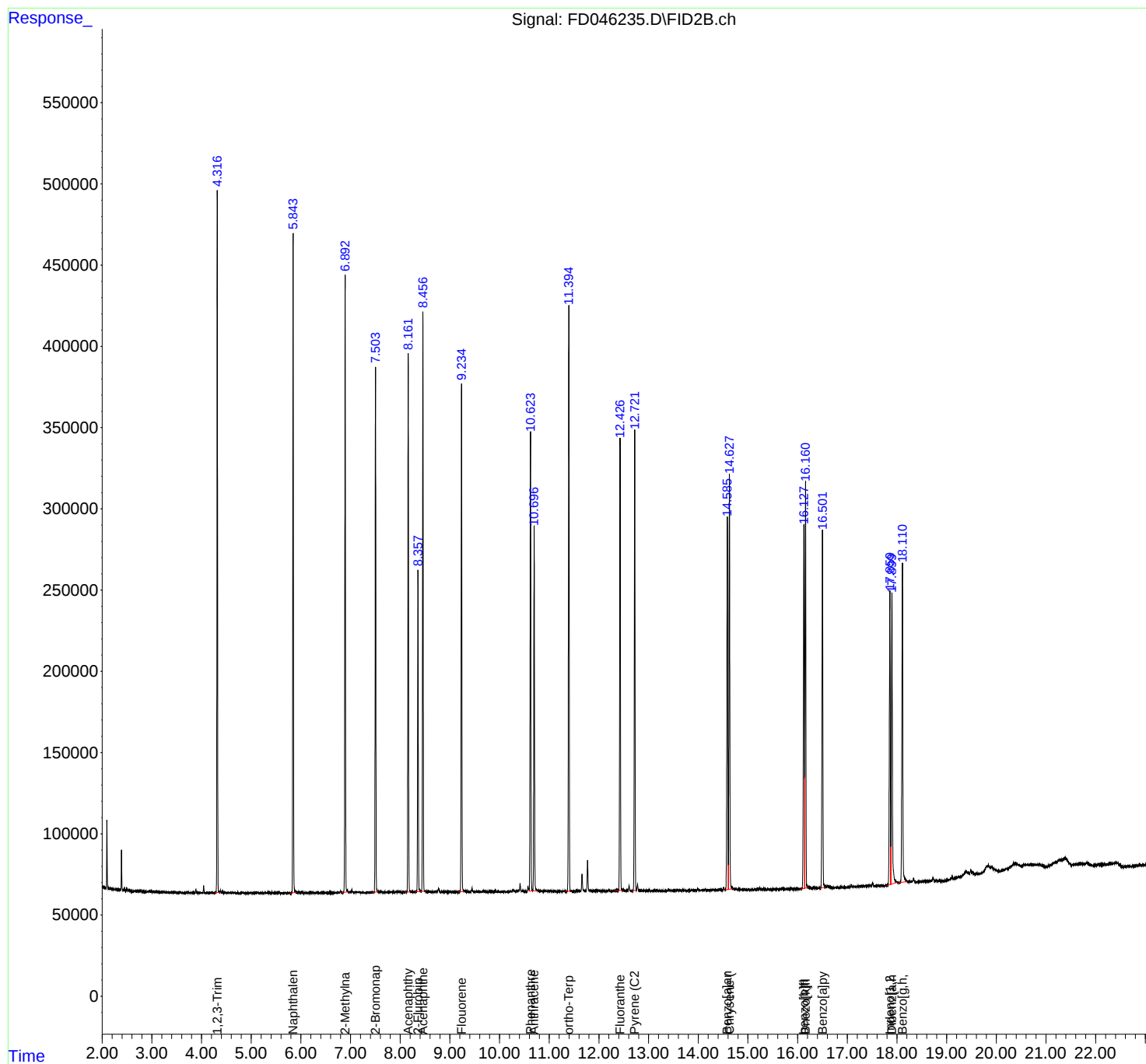
(m)=manual int.

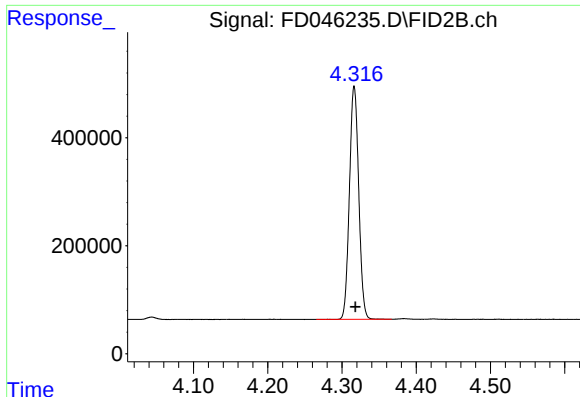
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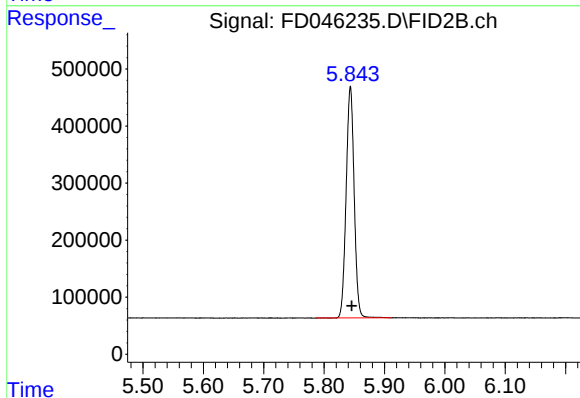




#1 1,2,3-Trimethylbenzene (C10.1)

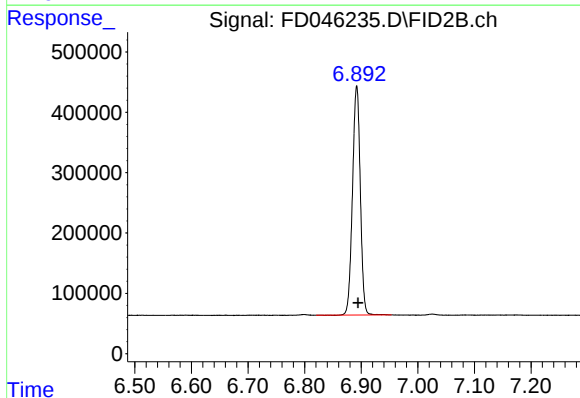
R.T.: 4.317 min
Delta R.T.: -0.001 min
Response: 3749806
Conc: 20.58 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



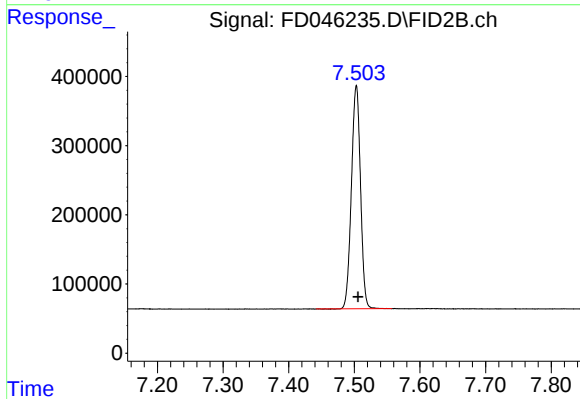
#2 Naphthalene (C11.7)

R.T.: 5.844 min
Delta R.T.: -0.002 min
Response: 3743083
Conc: 20.72 ug/ml



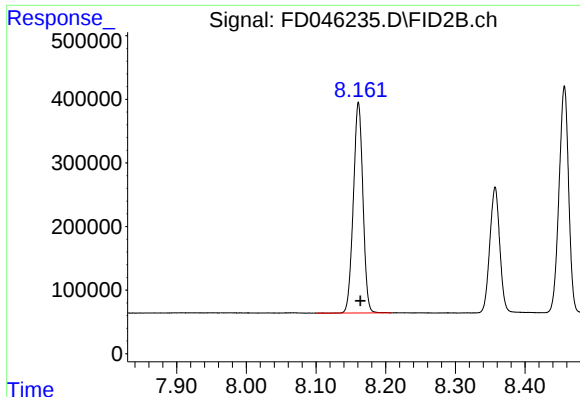
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.892 min
Delta R.T.: -0.002 min
Response: 3641453
Conc: 20.69 ug/ml



#4 2-Bromonaphthalene (SURR)

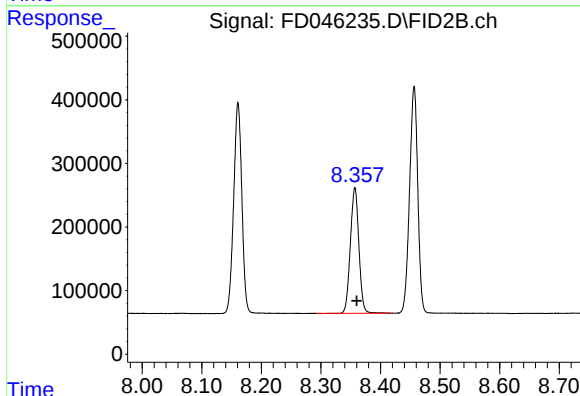
R.T.: 7.503 min
Delta R.T.: -0.003 min
Response: 3107555
Conc: 20.79 ug/ml



#5 Acenaphthylene (C15.06)

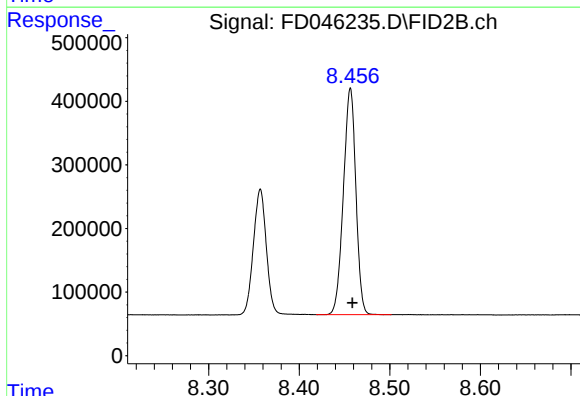
R.T.: 8.161 min
Delta R.T.: -0.003 min
Response: 3160843
Conc: 20.72 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



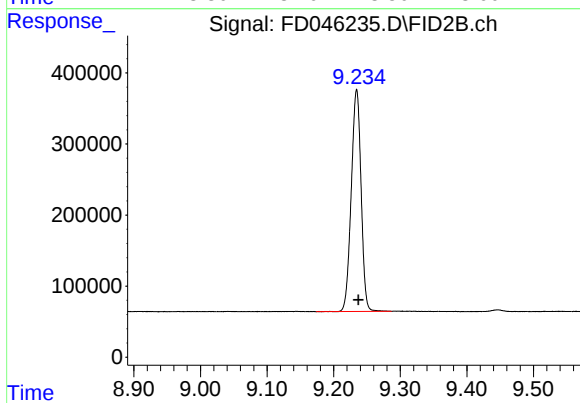
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.357 min
Delta R.T.: -0.003 min
Response: 1959537
Conc: 20.93 ug/ml



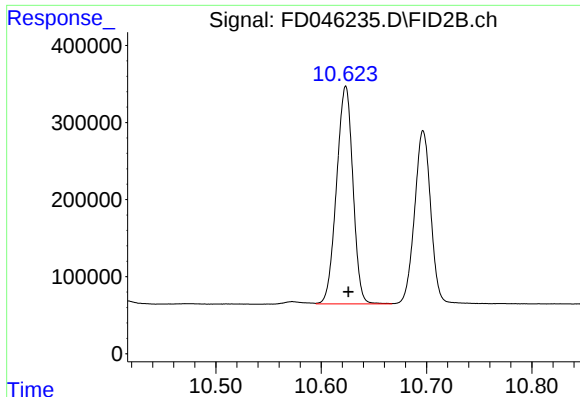
#7 Acenaphthene (C15.5)

R.T.: 8.456 min
Delta R.T.: -0.002 min
Response: 3408629
Conc: 20.90 ug/ml



#8 Fluorene (C16.55)

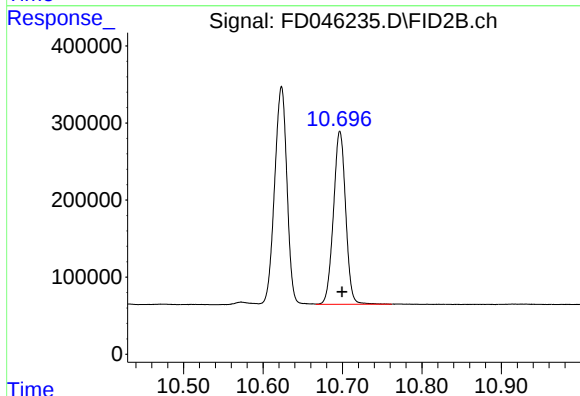
R.T.: 9.234 min
Delta R.T.: -0.003 min
Response: 3196193
Conc: 21.01 ug/ml



#9 Phenanthrene (C19.36)

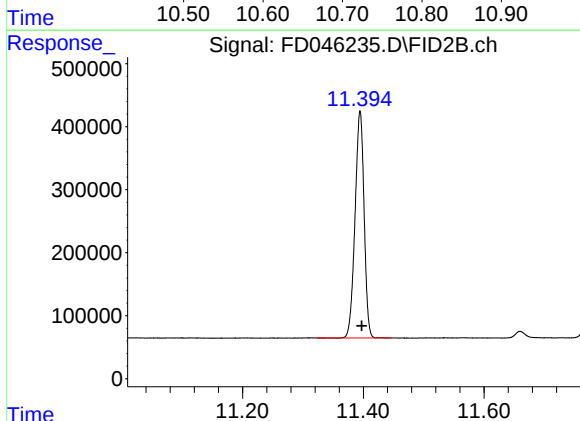
R.T.: 10.623 min
Delta R.T.: -0.003 min
Response: 3047494
Conc: 21.16 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



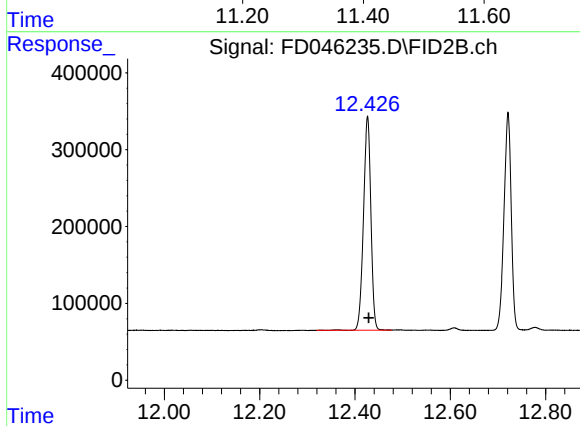
#10 Anthracene (C19.43)

R.T.: 10.697 min
Delta R.T.: -0.003 min
Response: 2394679
Conc: 18.30 ug/ml



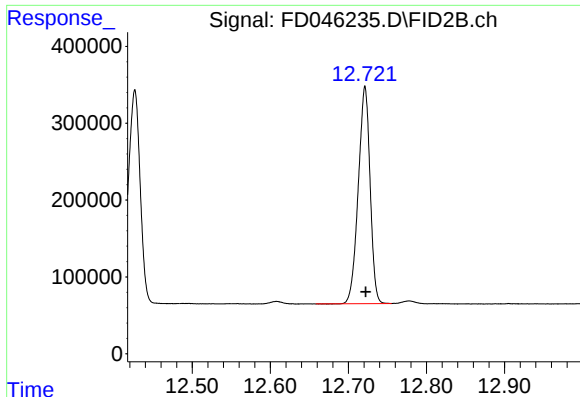
#11 ortho-Terphenyl (SURR)

R.T.: 11.395 min
Delta R.T.: -0.003 min
Response: 3747308
Conc: 21.46 ug/ml



#12 Fluoranthene (C21.85)

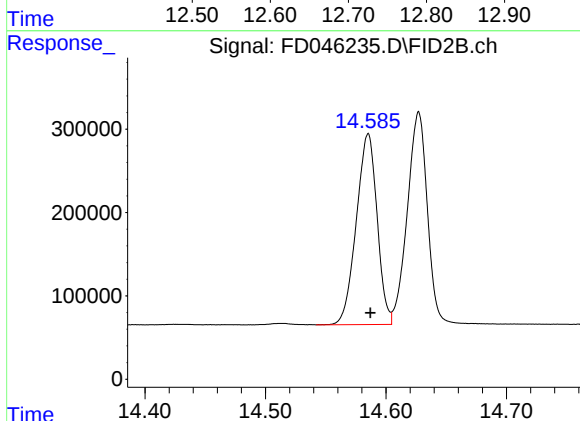
R.T.: 12.426 min
Delta R.T.: -0.002 min
Response: 3015901
Conc: 21.58 ug/ml



#13 Pyrene (C20.8)

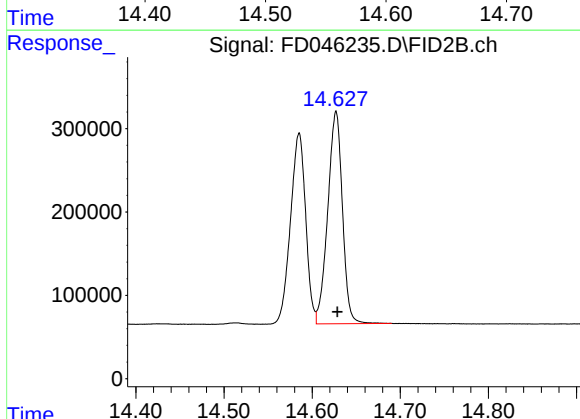
R.T.: 12.721 min
Delta R.T.: -0.001 min
Response: 2968081
Conc: 21.42 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



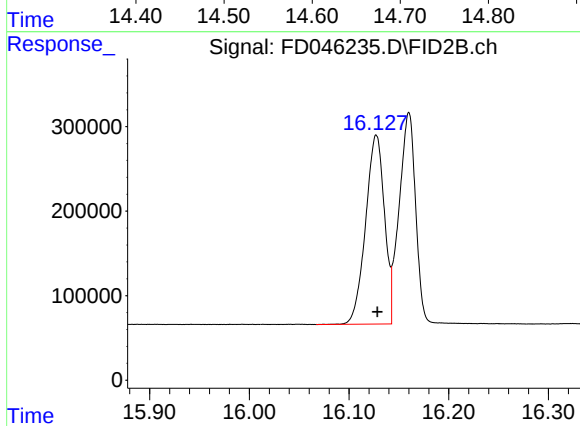
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.585 min
Delta R.T.: -0.002 min
Response: 2744347
Conc: 20.91 ug/ml



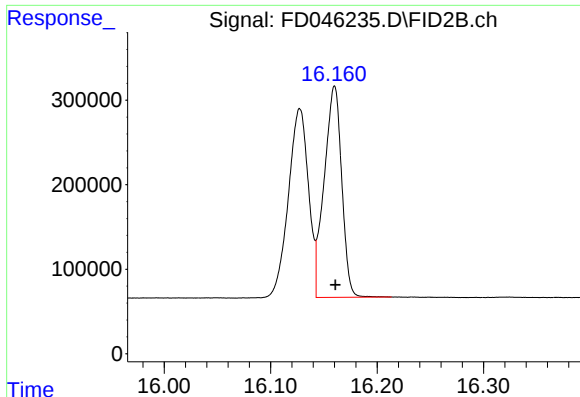
#15 Chrysene (C27.41)

R.T.: 14.627 min
Delta R.T.: -0.002 min
Response: 2949210
Conc: 20.92 ug/ml



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

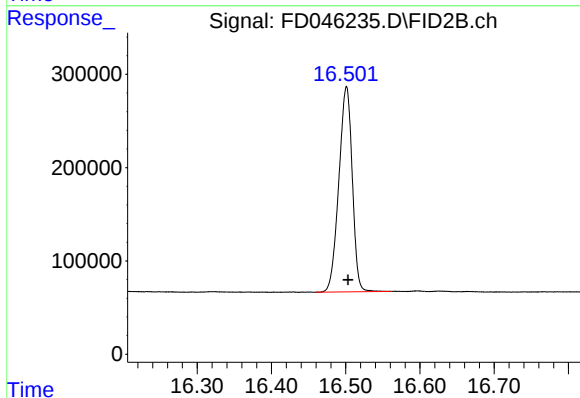
R.T.: 16.127 min
Delta R.T.: -0.001 min
Response: 2939076
Conc: 21.49 ug/ml



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

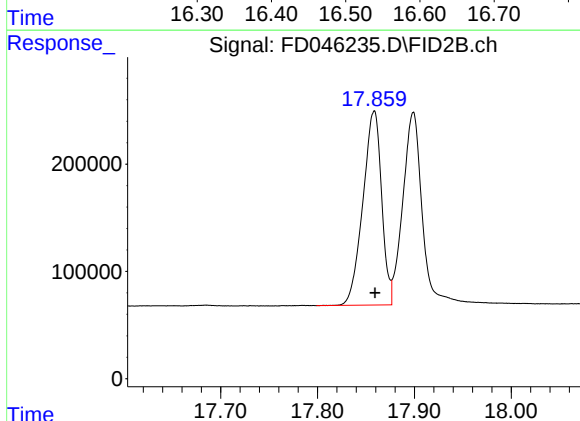
R.T.: 16.160 min
Delta R.T.: 0.000 min
Response: 2866001
Conc: 20.91 ug/ml

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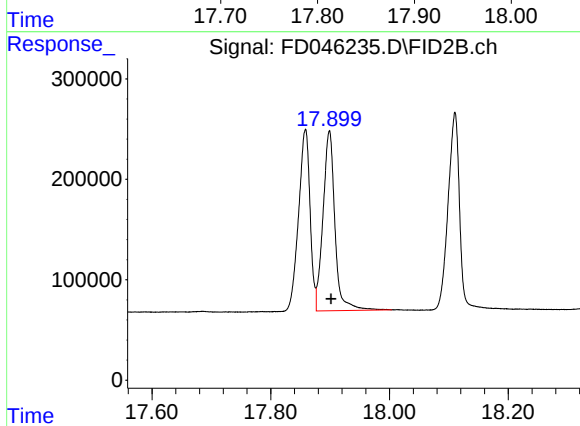
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.501 min
Delta R.T.: -0.002 min
Response: 2760943
Conc: 21.21 ug/ml



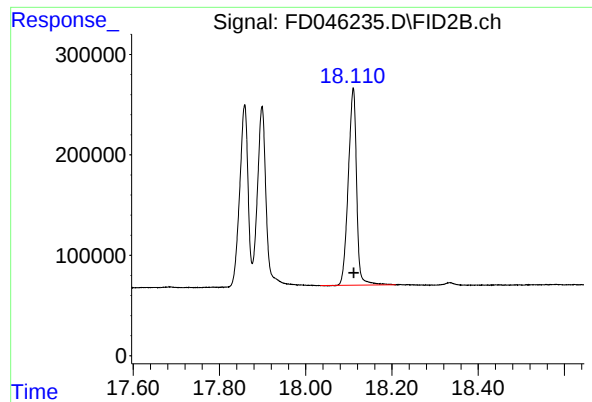
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.858 min
Delta R.T.: -0.001 min
Response: 2428558
Conc: 20.19 ug/ml



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

R.T.: 17.899 min
Delta R.T.: -0.003 min
Response: 2500920
Conc: 19.55 ug/ml



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

R.T.: 18.110 min
Delta R.T.: -0.001 min
Response: 2638759
Conc: 20.80 ug/ml

Instrument :

FID_D

ClientSampleId :

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