

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042624AR\
 Data File : FD047599.D
 Signal(s) : FID2B.ch
 Acq On : 26 Apr 2024 22:12
 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: Apr 27 00:43:30 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 040224.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 01 16:48:10 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...	7.459	2946809	19.711 ug/ml
Spiked Amount 50.000		Recovery =	39.42%
6) S 2-Fluorobiphenyl (SURR)	8.312	1939563	19.851 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.70%
11) S ortho-Terphenyl (SURR)	11.351	3398862	19.827 ug/ml
Spiked Amount 50.000		Recovery =	39.65%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.273	3119224	19.740 ug/ml
2) T Naphthalene (C11.7)	5.798	3241159	19.807 ug/ml
3) T 2-Methylnaphthalene (...)	6.847	3260141	19.821 ug/ml
5) T Acenaphthylene (C15.06)	8.115	2961337	19.619 ug/ml
7) T Acenaphthene (C15.5)	8.410	3171991	19.805 ug/ml
8) T Fluorene (C16.55)	9.189	3035986	19.625 ug/ml
9) T Phenanthrene (C19.36)	10.578	2977222	20.011 ug/ml
10) T Anthracene (C19.43)	10.653	2583392	18.995 ug/ml
12) T Fluoranthene (C21.85)	12.383	2944128	19.916 ug/ml
13) T Pyrene (C20.8)	12.676	2862309	19.833 ug/ml
14) T Benzo[a]anthracene (C...	14.545	2620975	19.929 ug/ml
15) T Chrysene (C27.41)	14.586	2764334	19.604 ug/ml
16) T benzo[b]fluoranthene ...	16.090	2792349	20.015 ug/ml
17) T Bnezo[k]fluoranthene ...	16.122	2873345	20.658 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.466	2739509	19.952 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.827	2450734	18.168 ug/ml
20) T Dibenz[a,h]anthracene...	17.867	2833144	21.080 ug/ml
21) T Benzo[g,h,i]perylene ...	18.077	2659891	19.165 ug/ml

(f)=RT Delta > 1/2 Window

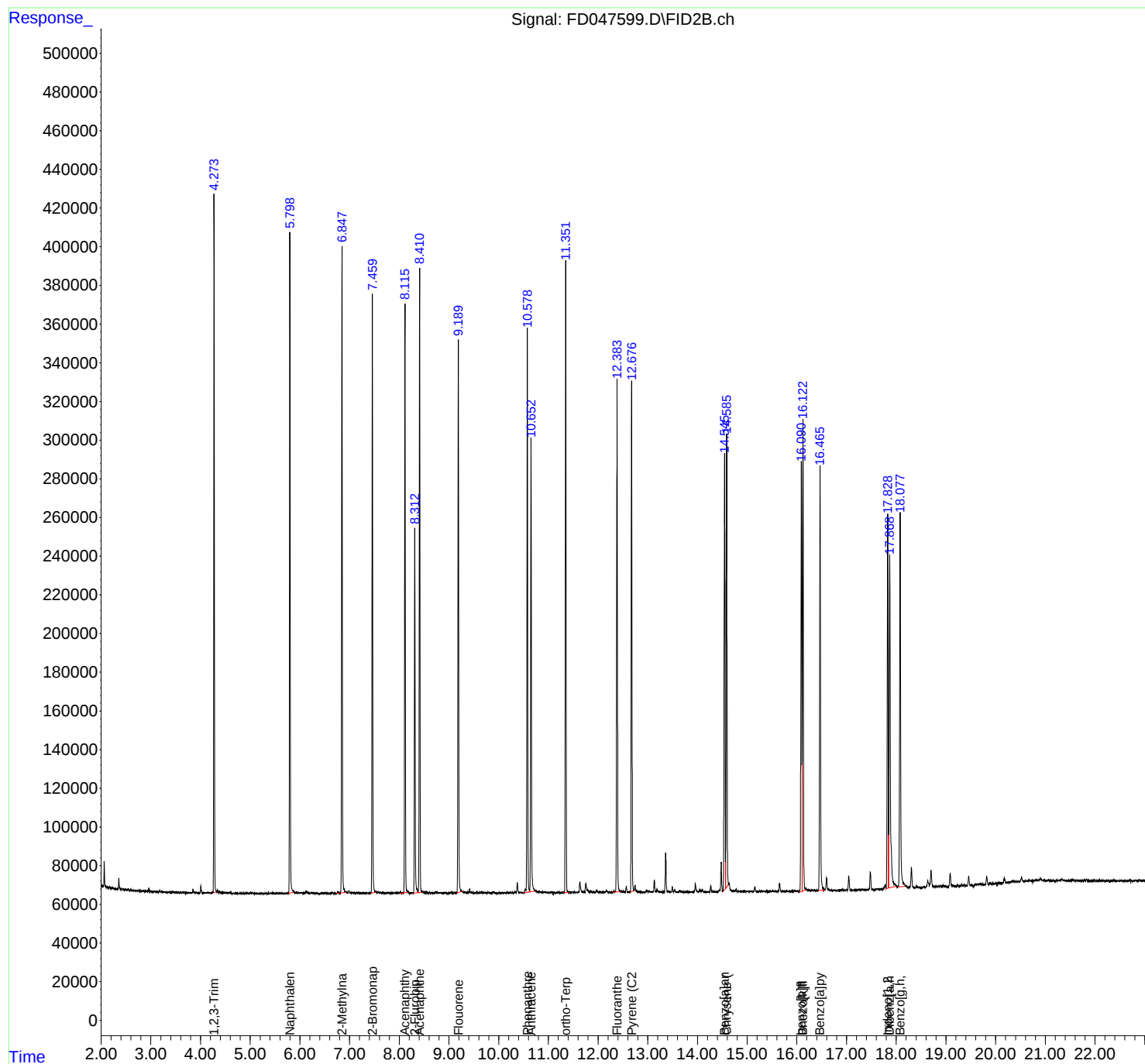
(m)=manual int.

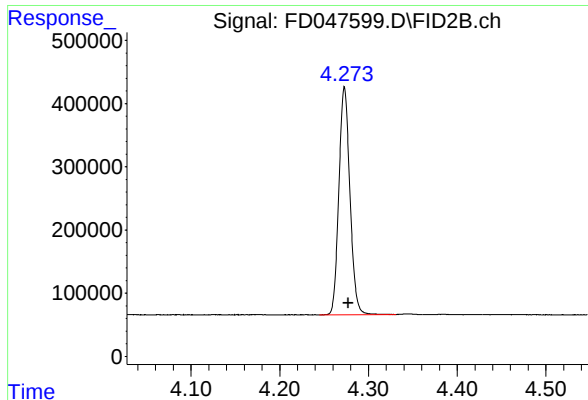
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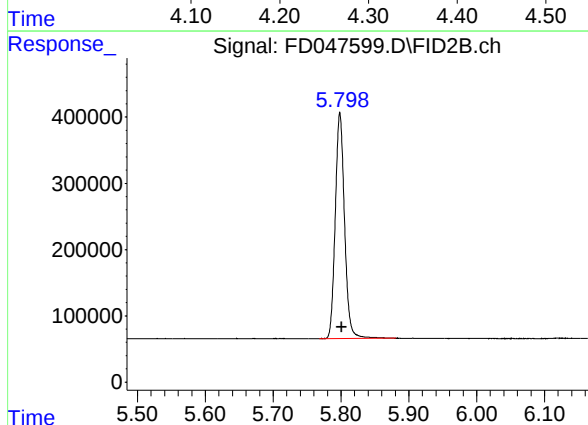




#1 1,2,3-Trimethylbenzene (C10.1)

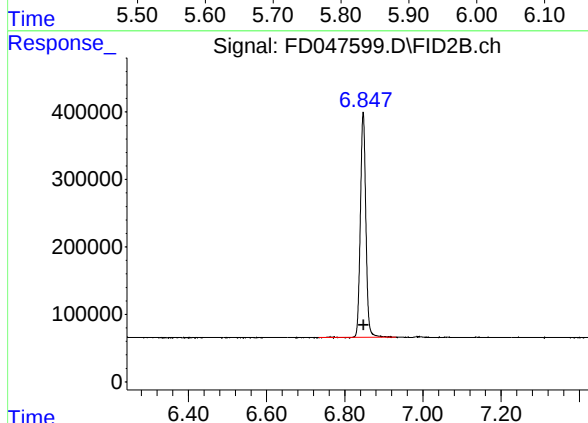
R.T.: 4.273 min
Delta R.T.: -0.004 min
Response: 3119224
Conc: 19.74 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



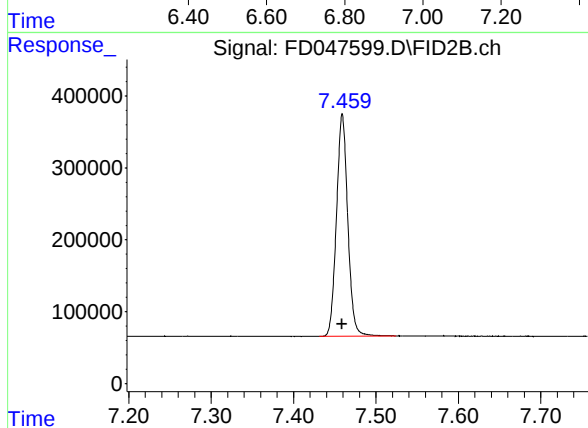
#2 Naphthalene (C11.7)

R.T.: 5.798 min
Delta R.T.: -0.003 min
Response: 3241159
Conc: 19.81 ug/ml



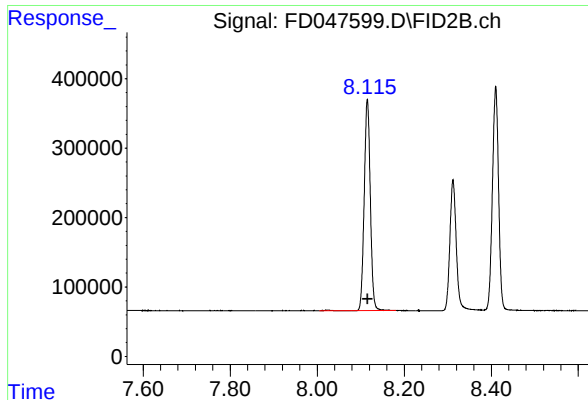
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.847 min
Delta R.T.: 0.000 min
Response: 3260141
Conc: 19.82 ug/ml



#4 2-Bromonaphthalene (SURR)

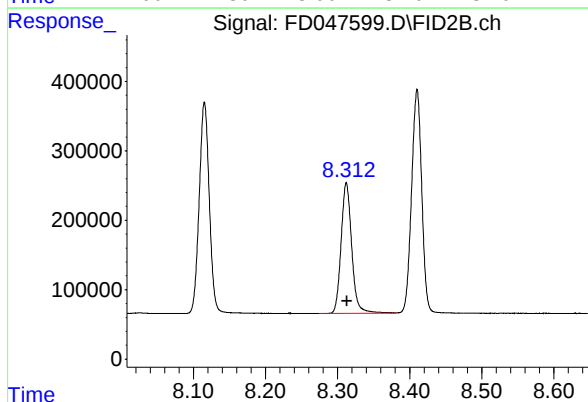
R.T.: 7.459 min
Delta R.T.: 0.000 min
Response: 2946809
Conc: 19.71 ug/ml



#5 Acenaphthylene (C15.06)

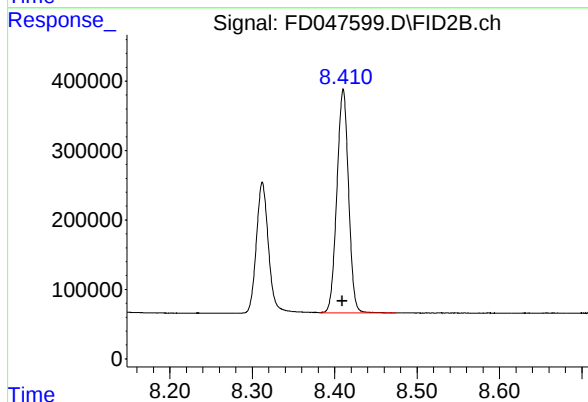
R.T.: 8.115 min
Delta R.T.: 0.000 min
Response: 2961337
Conc: 19.62 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



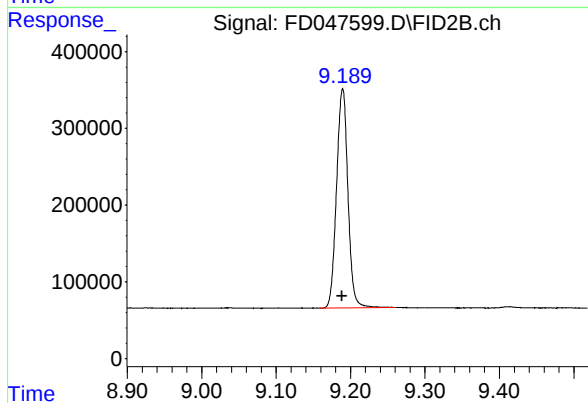
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.312 min
Delta R.T.: 0.000 min
Response: 1939563
Conc: 19.85 ug/ml



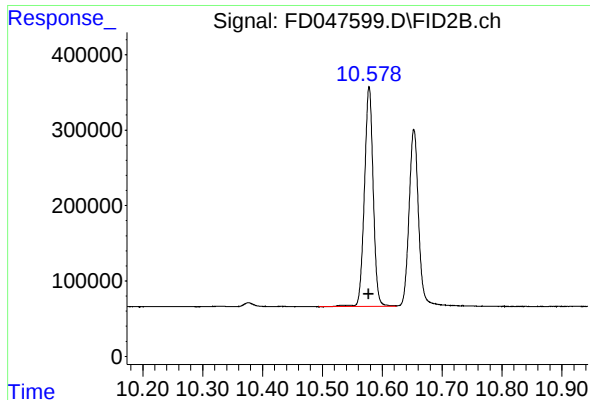
#7 Acenaphthene (C15.5)

R.T.: 8.410 min
Delta R.T.: 0.000 min
Response: 3171991
Conc: 19.80 ug/ml



#8 Flouorene (C16.55)

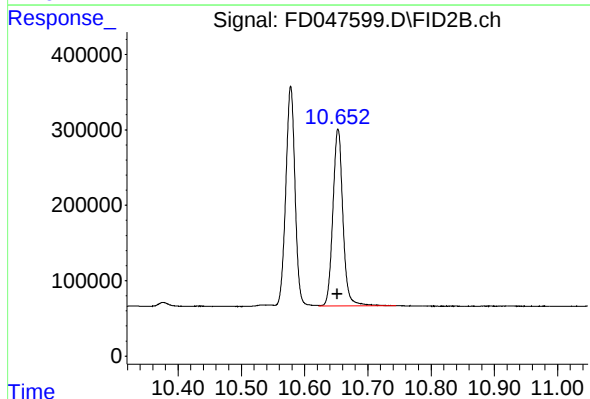
R.T.: 9.189 min
Delta R.T.: 0.000 min
Response: 3035986
Conc: 19.62 ug/ml



#9 Phenanthrene (C19.36)

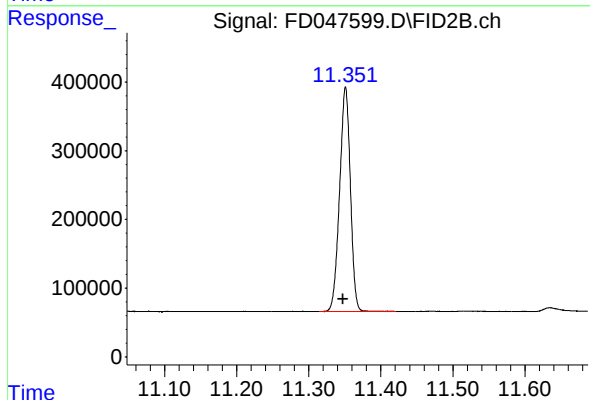
R.T.: 10.578 min
Delta R.T.: 0.000 min
Response: 2977222
Conc: 20.01 ug/ml

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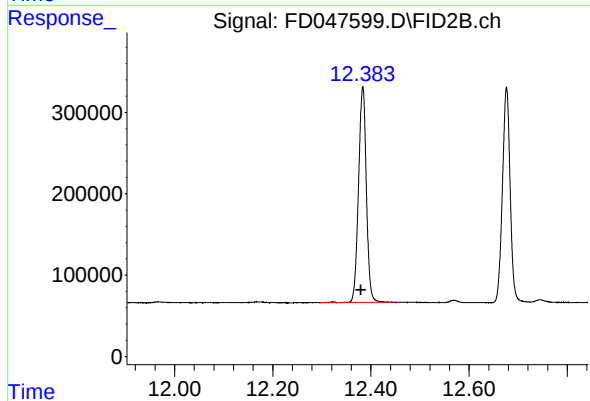
#10 Anthracene (C19.43)

R.T.: 10.653 min
Delta R.T.: 0.001 min
Response: 2583392
Conc: 18.99 ug/ml



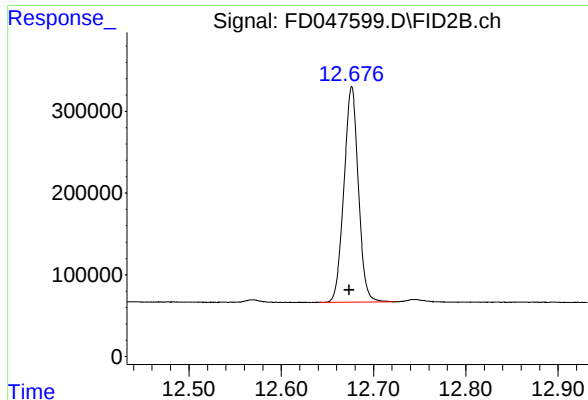
#11 ortho-Terphenyl (SURR)

R.T.: 11.351 min
Delta R.T.: 0.003 min
Response: 3398862
Conc: 19.83 ug/ml



#12 Fluoranthene (C21.85)

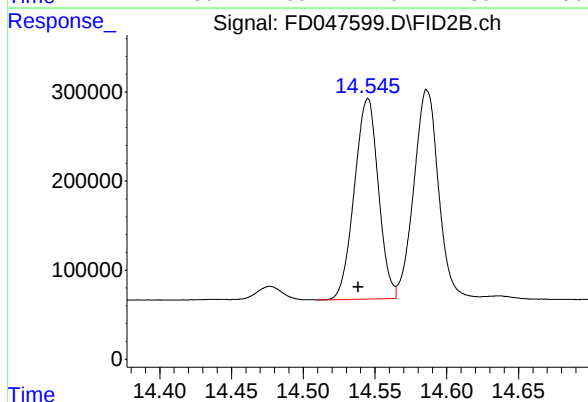
R.T.: 12.383 min
Delta R.T.: 0.004 min
Response: 2944128
Conc: 19.92 ug/ml



#13 Pyrene (C20.8)

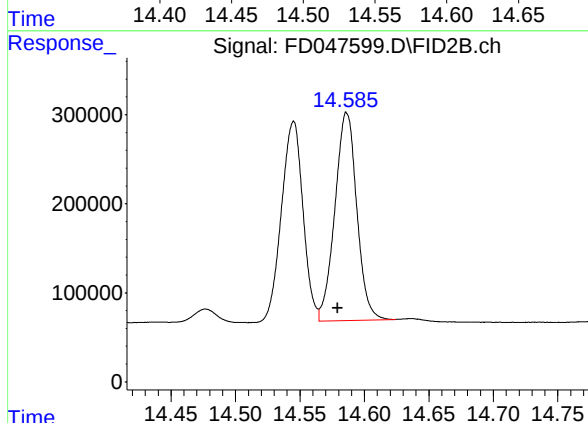
R.T.: 12.676 min
Delta R.T.: 0.003 min
Response: 2862309
Conc: 19.83 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



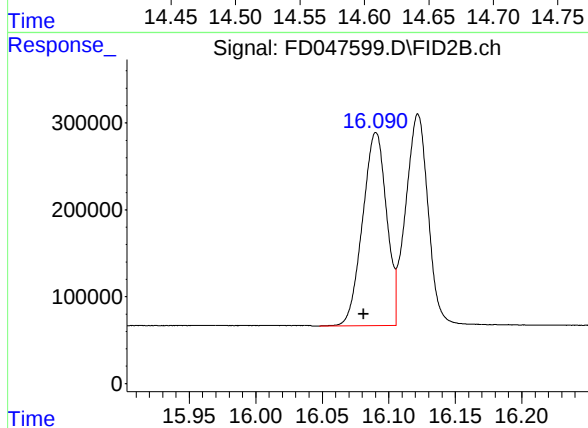
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.545 min
Delta R.T.: 0.006 min
Response: 2620975
Conc: 19.93 ug/ml



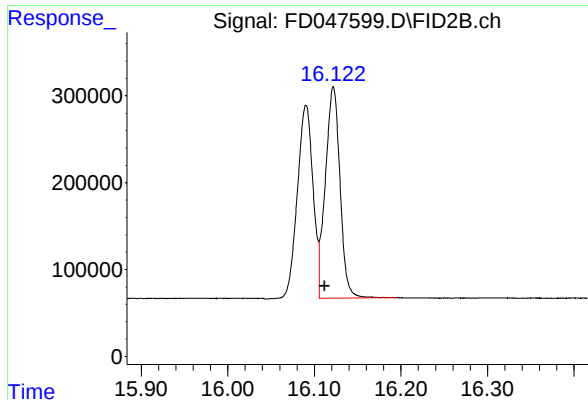
#15 Chrysene (C27.41)

R.T.: 14.586 min
Delta R.T.: 0.007 min
Response: 2764334
Conc: 19.60 ug/ml



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

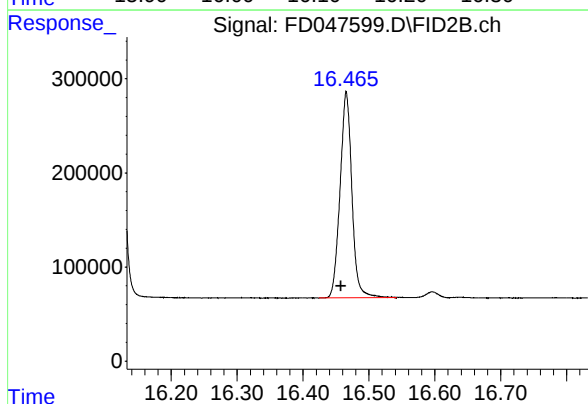
R.T.: 16.090 min
Delta R.T.: 0.009 min
Response: 2792349
Conc: 20.01 ug/ml



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

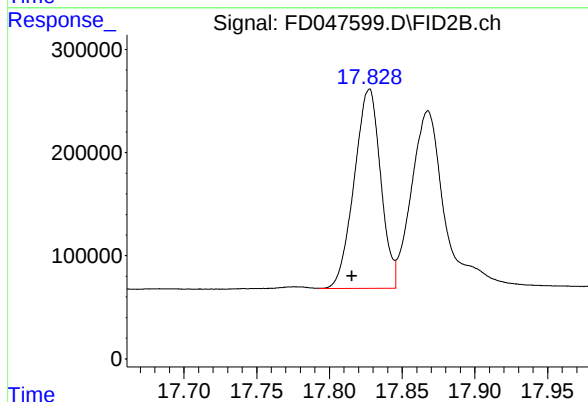
R.T.: 16.122 min
Delta R.T.: 0.010 min
Response: 2873345
Conc: 20.66 ug/ml

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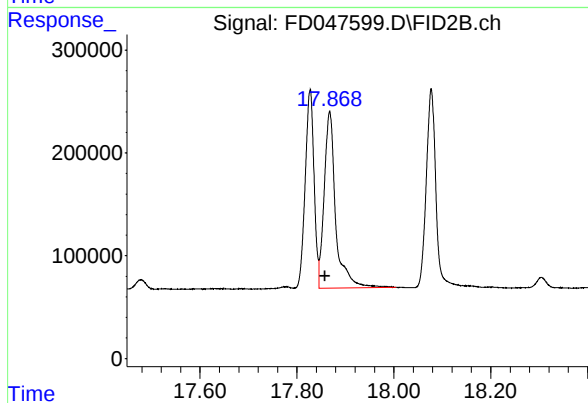
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.466 min
Delta R.T.: 0.008 min
Response: 2739509
Conc: 19.95 ug/ml



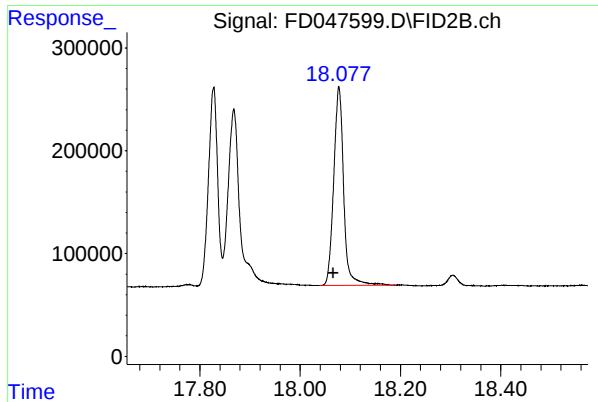
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.827 min
Delta R.T.: 0.012 min
Response: 2450734
Conc: 18.17 ug/ml



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

R.T.: 17.867 min
Delta R.T.: 0.010 min
Response: 2833144
Conc: 21.08 ug/ml



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

R.T.: 18.077 min
Delta R.T.: 0.012 min
Response: 2659891
Conc: 19.16 ug/ml

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