

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032621AR\
 Data File : FD036613.D
 Signal(s) : FID2B.CH
 Acq On : 27 Mar 2021 20:22
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Mar 29 09:00:19 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 032321.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 24 11:18:39 2021
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	7.591	2947588	20.958 ug/ml
Spiked Amount 50.000		Recovery =	41.92%
6) S 2-Fluorobiphenyl (SURR)	8.451	1953139	20.807 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.61%
11) S ortho-Terphenyl (SURR)	11.492	3120745	20.433 ug/ml
Spiked Amount 50.000		Recovery =	40.87%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.392	3098071	21.135 ug/ml
2) T Naphthalene (C11.7)	5.929	3304486	21.026 ug/ml
3) T 2-Methylnaphthalene (...)	6.981	3294198	20.960 ug/ml
5) T Acenaphthylene (C15.06)	8.255	3120075	20.823 ug/ml
7) T Acenaphthene (C15.5)	8.551	3238742	20.863 ug/ml
8) T Flouorene (C16.55)	9.330	3116030	20.697 ug/ml
9) T Phenanthrene (C19.36)	10.724	2985365	20.368 ug/ml
10) T Anthracene (C19.43)	10.798	2878888	19.886 ug/ml
12) T Fluoranthene (C21.85)	12.532	2806716	19.991 ug/ml
13) T Pyrene (C20.8)	12.828	2727844	19.882 ug/ml
14) T Benzo[a]anthracene (C...	14.696	2315723	19.499 ug/ml
15) T Chrysene (C27.41)	14.738	2374148	19.632 ug/ml
16) T benzo[b]fluoranthene ...	16.242	2159451	19.679 ug/ml
17) T Bnezo[k]fluoranthene ...	16.274	2097131	19.729 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.618	1964498	19.712 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.980	2039975	20.295 ug/ml
20) T Dibenz[a,h]anthracene...	18.020	2079677	20.625 ug/ml
21) T Benzo[g,h,i]perylene ...	18.234	2078460	20.514 ug/ml

(f)=RT Delta > 1/2 Window

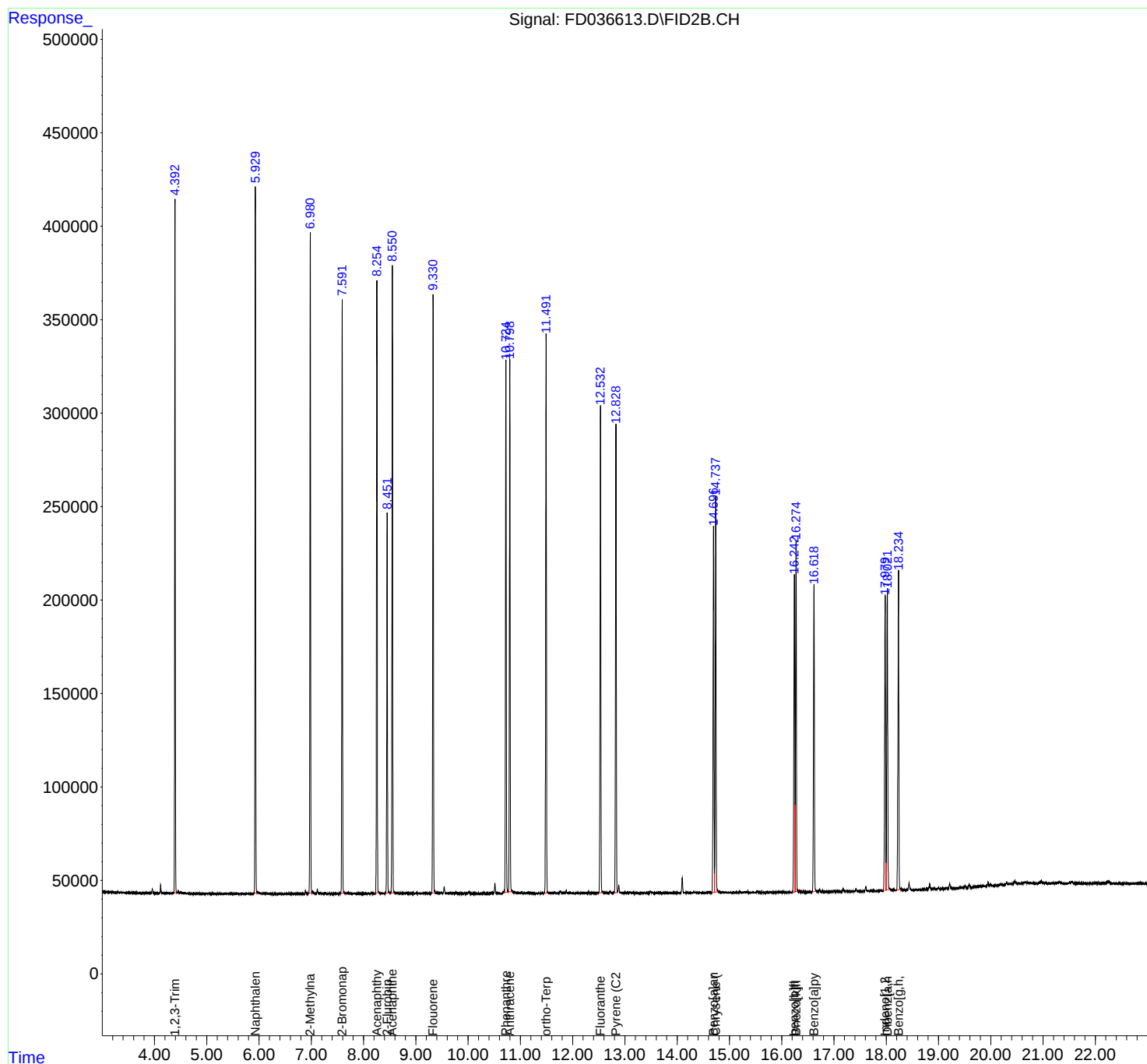
(m)=manual int.

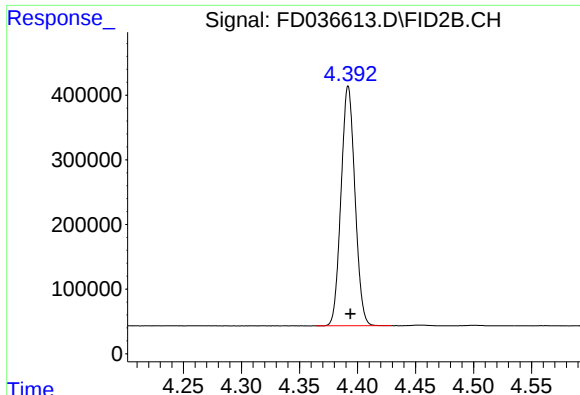
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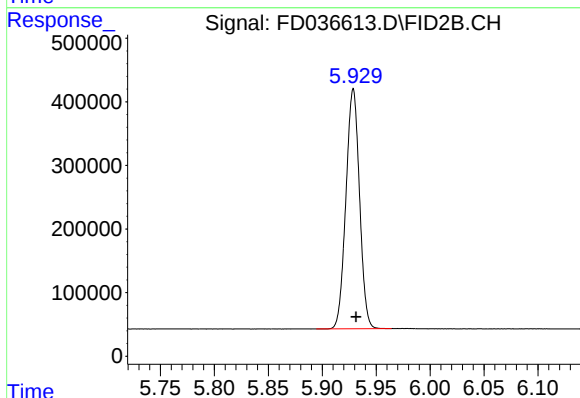




#1 1,2,3-Trimethylbenzene (C10.1)

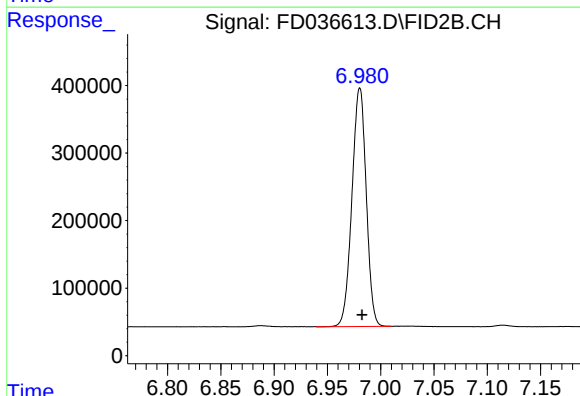
R.T.: 4.392 min
Delta R.T.: -0.002 min
Response: 3098071
Conc: 21.14 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



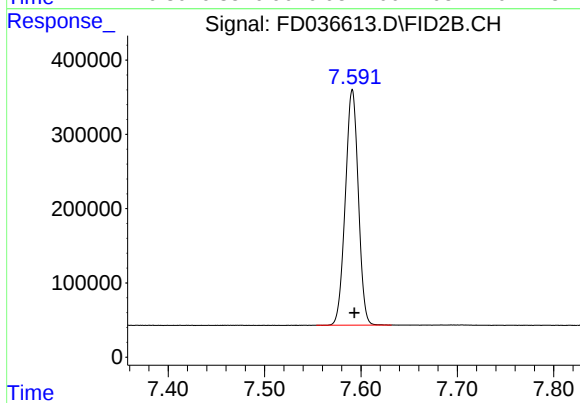
#2 Naphthalene (C11.7)

R.T.: 5.929 min
Delta R.T.: -0.002 min
Response: 3304486
Conc: 21.03 ug/ml



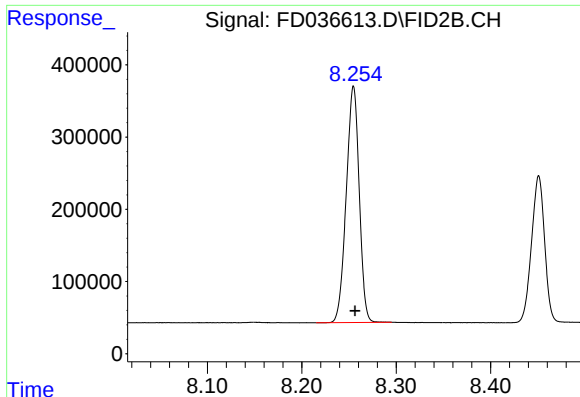
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.981 min
Delta R.T.: -0.002 min
Response: 3294198
Conc: 20.96 ug/ml



#4 2-Bromonaphthalene (SURR)

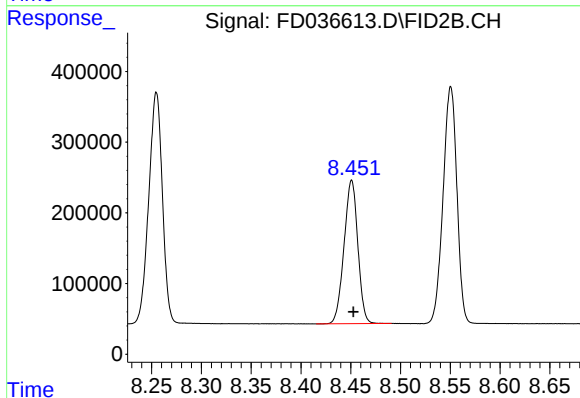
R.T.: 7.591 min
Delta R.T.: -0.002 min
Response: 2947588
Conc: 20.96 ug/ml



#5 Acenaphthylene (C15.06)

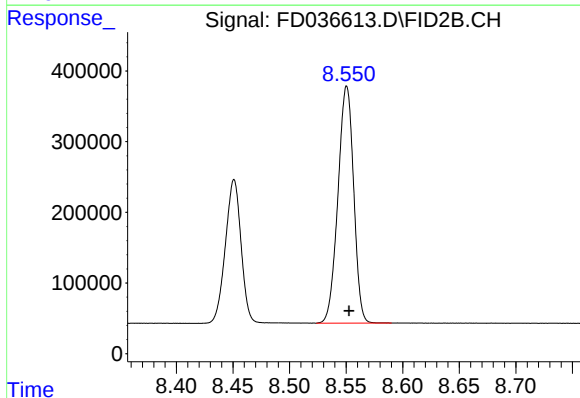
R.T.: 8.255 min
Delta R.T.: -0.002 min
Response: 3120075
Conc: 20.82 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



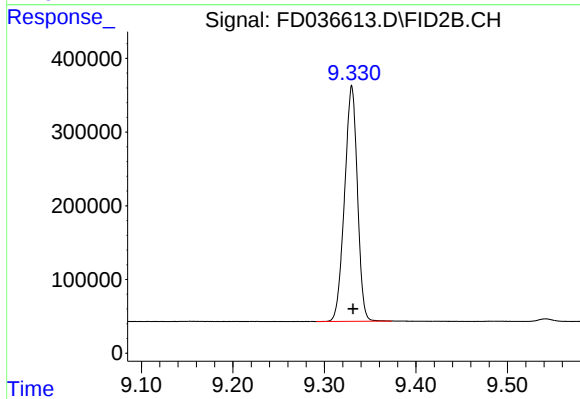
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.451 min
Delta R.T.: -0.002 min
Response: 1953139
Conc: 20.81 ug/ml



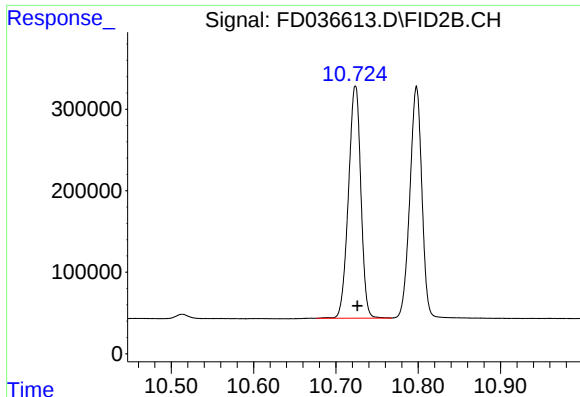
#7 Acenaphthene (C15.5)

R.T.: 8.551 min
Delta R.T.: -0.002 min
Response: 3238742
Conc: 20.86 ug/ml



#8 Flouorene (C16.55)

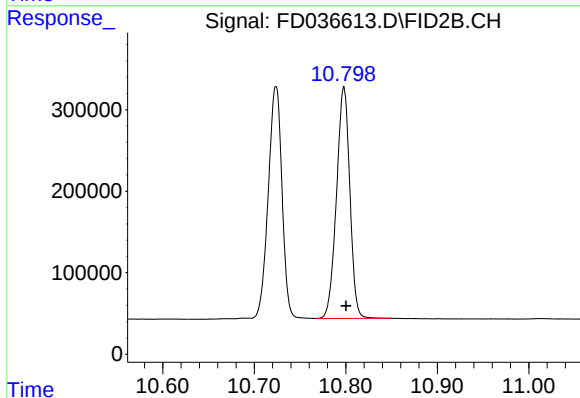
R.T.: 9.330 min
Delta R.T.: -0.001 min
Response: 3116030
Conc: 20.70 ug/ml



#9 Phenanthrene (C19.36)

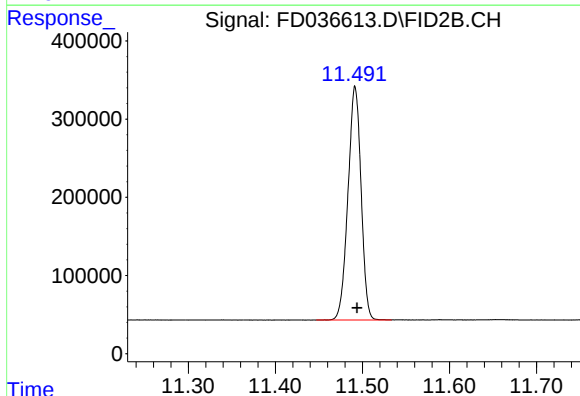
R.T.: 10.724 min
Delta R.T.: -0.002 min
Response: 2985365
Conc: 20.37 ug/ml

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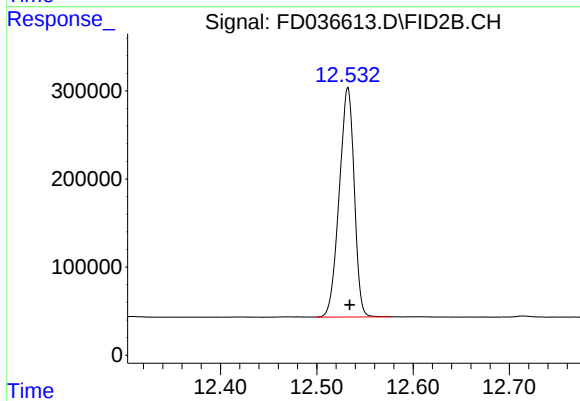
#10 Anthracene (C19.43)

R.T.: 10.798 min
Delta R.T.: -0.002 min
Response: 2878888
Conc: 19.89 ug/ml



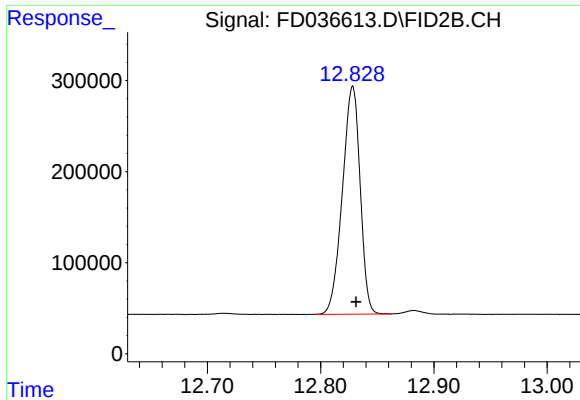
#11 ortho-Terphenyl (SURR)

R.T.: 11.492 min
Delta R.T.: -0.002 min
Response: 3120745
Conc: 20.43 ug/ml



#12 Fluoranthene (C21.85)

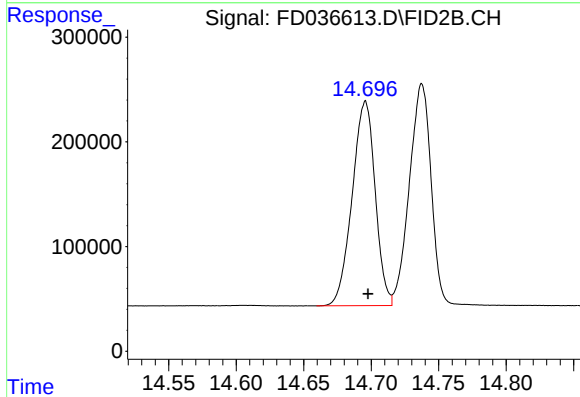
R.T.: 12.532 min
Delta R.T.: -0.002 min
Response: 2806716
Conc: 19.99 ug/ml



#13 Pyrene (C20.8)

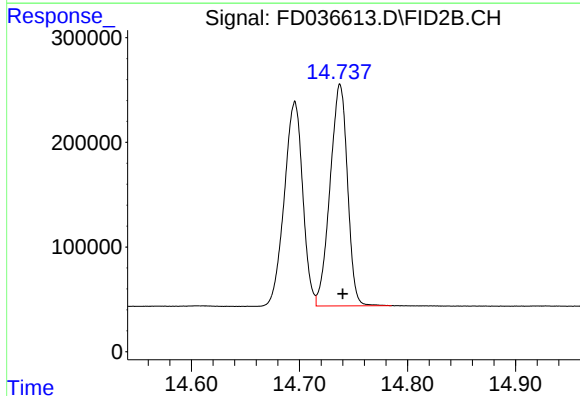
R.T.: 12.828 min
Delta R.T.: -0.003 min
Response: 2727844
Conc: 19.88 ug/ml

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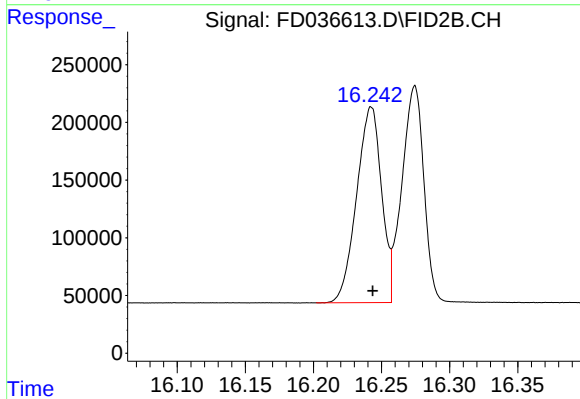
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.696 min
Delta R.T.: -0.002 min
Response: 2315723
Conc: 19.50 ug/ml



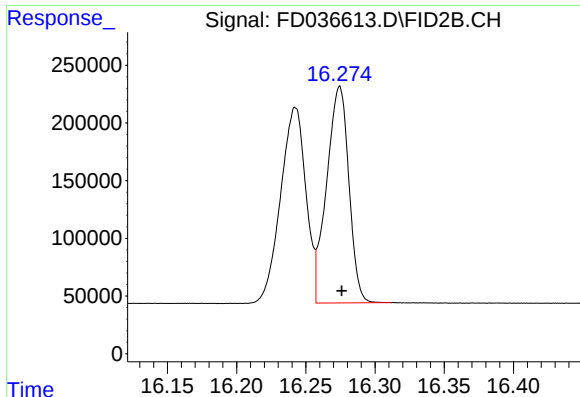
#15 Chrysene (C27.41)

R.T.: 14.738 min
Delta R.T.: -0.003 min
Response: 2374148
Conc: 19.63 ug/ml



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

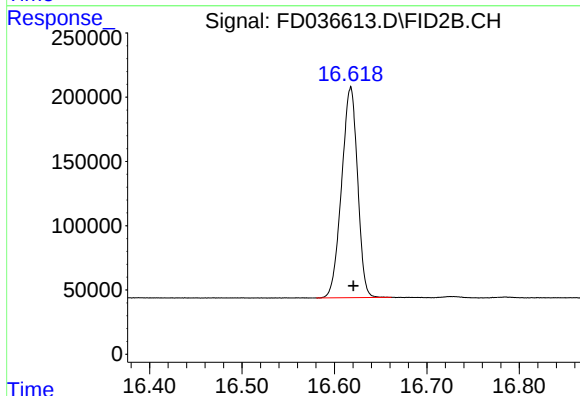
R.T.: 16.242 min
Delta R.T.: -0.001 min
Response: 2159451
Conc: 19.68 ug/ml



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

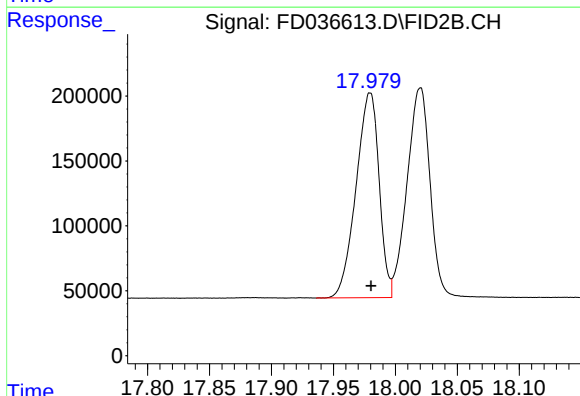
R.T.: 16.274 min
Delta R.T.: -0.002 min
Response: 2097131
Conc: 19.73 ug/ml

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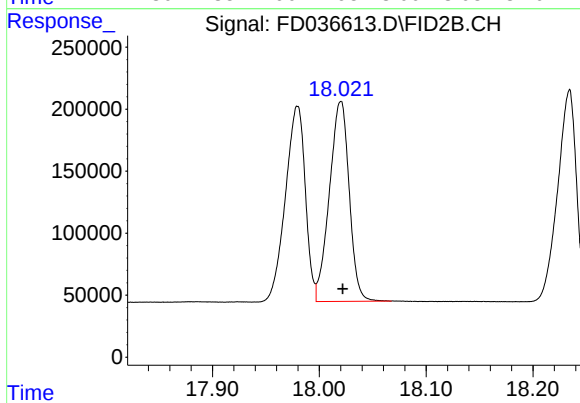
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.618 min
Delta R.T.: -0.003 min
Response: 1964498
Conc: 19.71 ug/ml



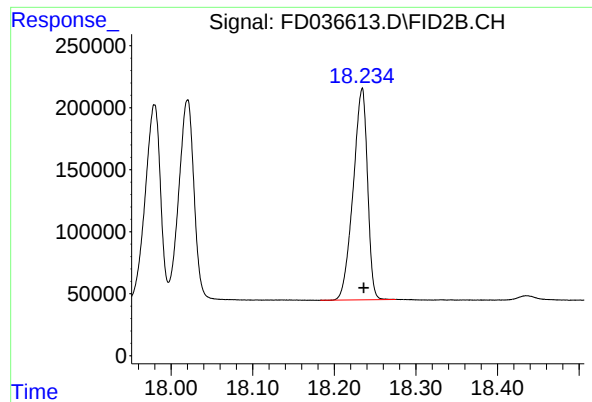
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.980 min
Delta R.T.: 0.000 min
Response: 2039975
Conc: 20.29 ug/ml



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

R.T.: 18.020 min
Delta R.T.: -0.002 min
Response: 2079677
Conc: 20.62 ug/ml



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

R.T.: 18.234 min
Delta R.T.: -0.002 min
Response: 2078460
Conc: 20.51 ug/ml

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