

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040121AR\
 Data File : FD036692.D
 Signal(s) : FID2B.CH
 Acq On : 02 Apr 2021 9:32
 Operator : DD\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 02 09:56:25 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...	7.589	2657468	18.895 ug/ml
Spiked Amount 50.000		Recovery =	37.79%
6) S 2-Fluorobiphenyl (SURR)	8.448	1734004	18.473 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	36.95%
11) S ortho-Terphenyl (SURR)	11.489	2743899	17.966 ug/ml
Spiked Amount 50.000		Recovery =	35.93%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.389	2866622	19.556 ug/ml
2) T Naphthalene (C11.7)	5.926	3019152	19.210 ug/ml
3) T 2-Methylnaphthalene (...)	6.978	2982140	18.975 ug/ml
5) T Acenaphthylene (C15.06)	8.252	2805358	18.722 ug/ml
7) T Acenaphthene (C15.5)	8.548	2898995	18.675 ug/ml
8) T Flouorene (C16.55)	9.327	2755391	18.301 ug/ml
9) T Phenanthrene (C19.36)	10.720	2599881	17.738 ug/ml
10) T Anthracene (C19.43)	10.795	2530490	17.480 ug/ml
12) T Fluoranthene (C21.85)	12.529	2416925	17.215 ug/ml
13) T Pyrene (C20.8)	12.825	2348234	17.115 ug/ml
14) T Benzo[a]anthracene (C...	14.692	2010950	16.933 ug/ml
15) T Chrysene (C27.41)	14.734	2061504	17.047 ug/ml
16) T benzo[b]fluoranthene ...	16.240	1975795	18.006 ug/ml
17) T Bnezo[k]fluoranthene ...	16.271	1924844	18.108 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.616	1838466	18.447 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.978	1953769	19.437 ug/ml
20) T Dibenz[a,h]anthracene...	18.019	1953920	19.378 ug/ml
21) T Benzo[g,h,i]perylene ...	18.232	2003838	19.777 ug/ml

(f)=RT Delta > 1/2 Window

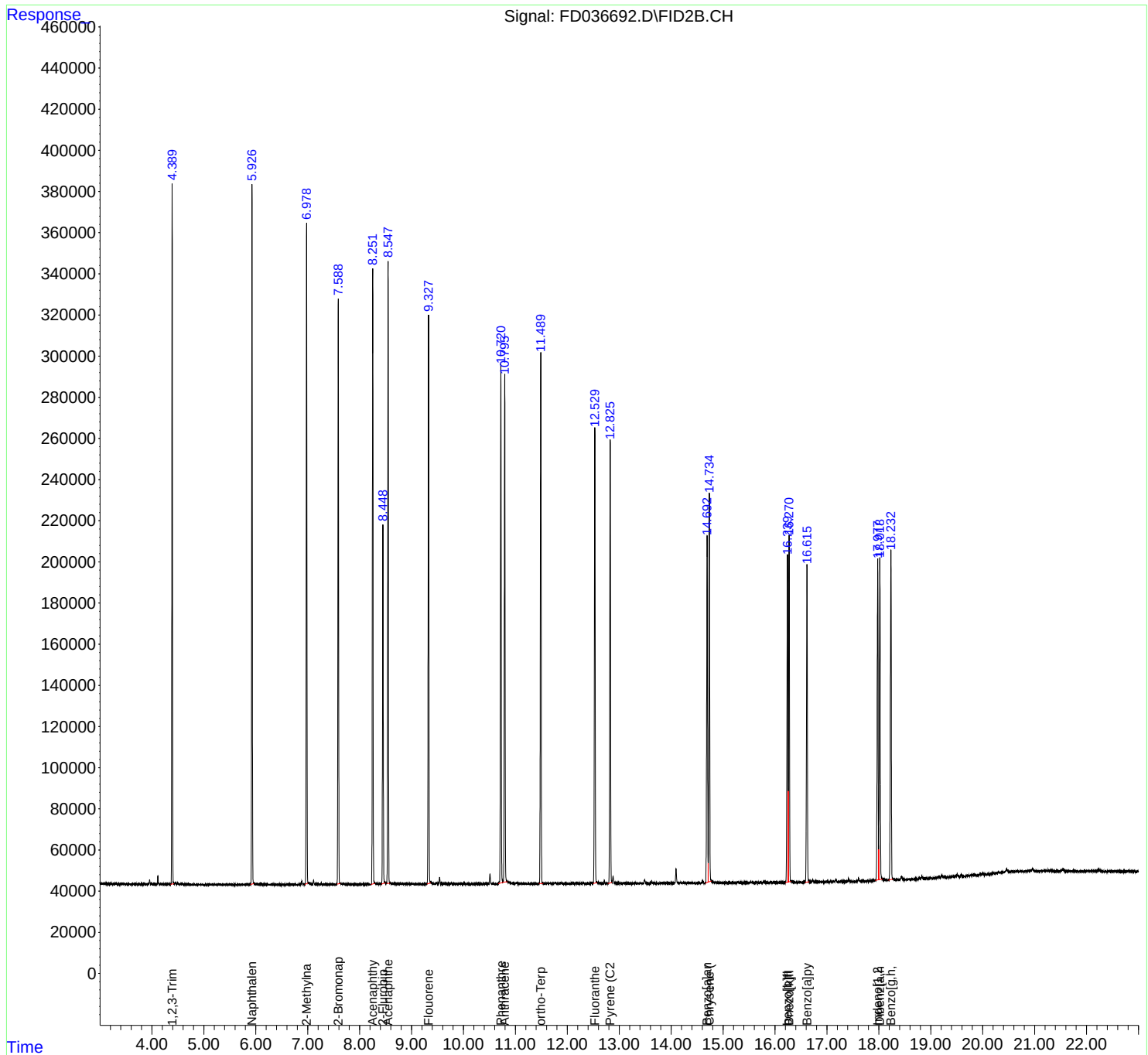
(m)=manual int.

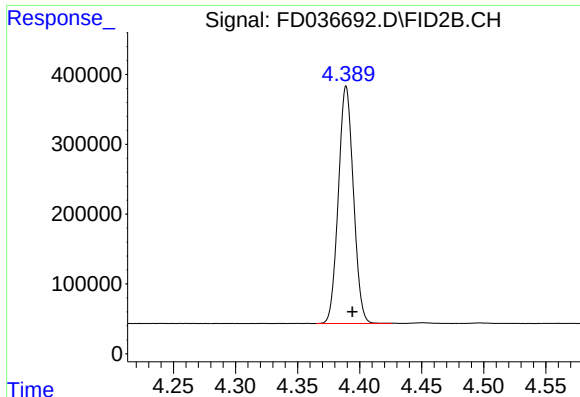
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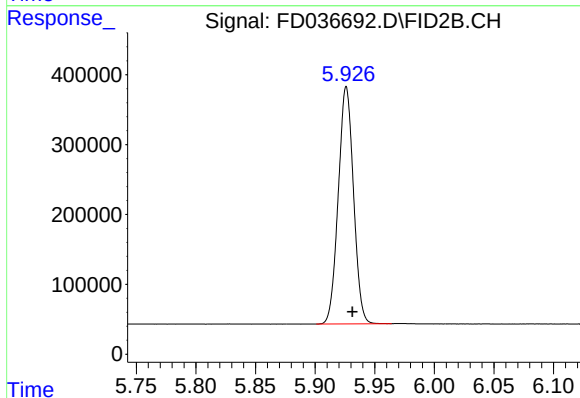




#1 1,2,3-Trimethylbenzene (C10.1)

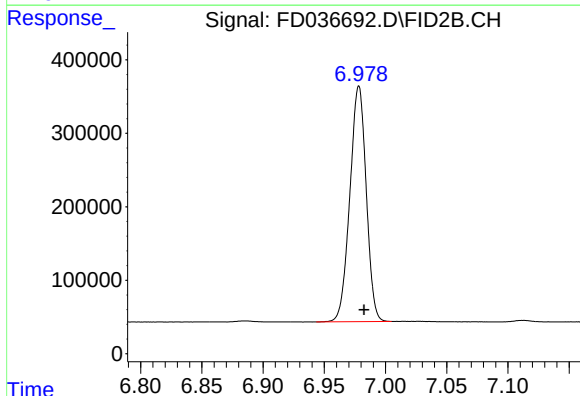
R.T.: 4.389 min
Delta R.T.: -0.005 min
Response: 2866622
Conc: 19.56 ug/ml

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20 PPM AROMATIC HC STD



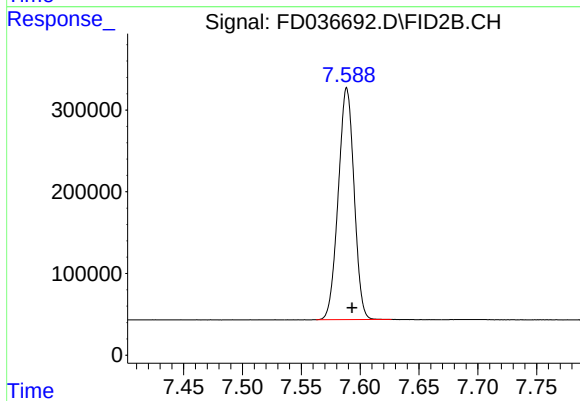
#2 Naphthalene (C11.7)

R.T.: 5.926 min
Delta R.T.: -0.005 min
Response: 3019152
Conc: 19.21 ug/ml



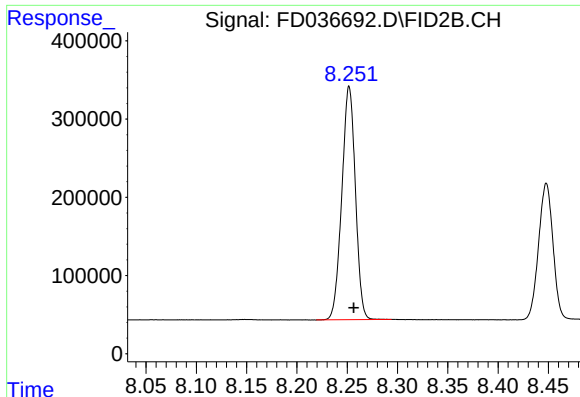
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.978 min
Delta R.T.: -0.004 min
Response: 2982140
Conc: 18.97 ug/ml



#4 2-Bromonaphthalene (SURR)

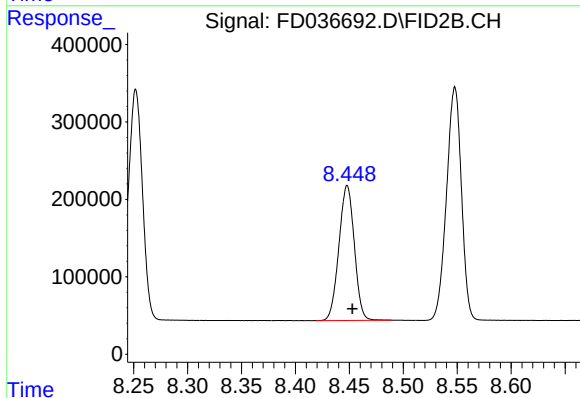
R.T.: 7.589 min
Delta R.T.: -0.005 min
Response: 2657468
Conc: 18.90 ug/ml



#5 Acenaphthylene (C15.06)

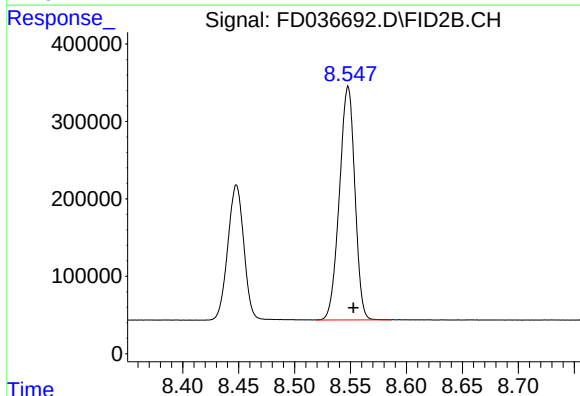
R.T.: 8.252 min
Delta R.T.: -0.005 min
Response: 2805358
Conc: 18.72 ug/ml

Instrument :
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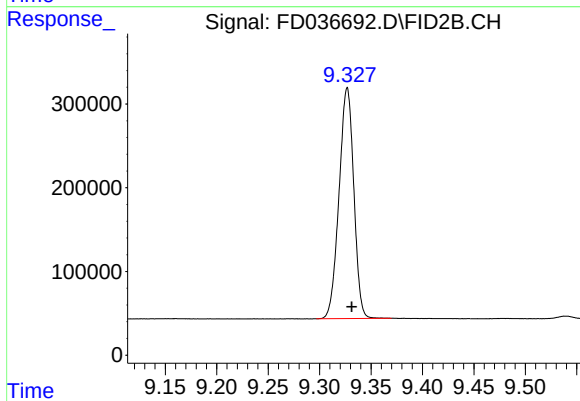
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.448 min
Delta R.T.: -0.005 min
Response: 1734004
Conc: 18.47 ug/ml



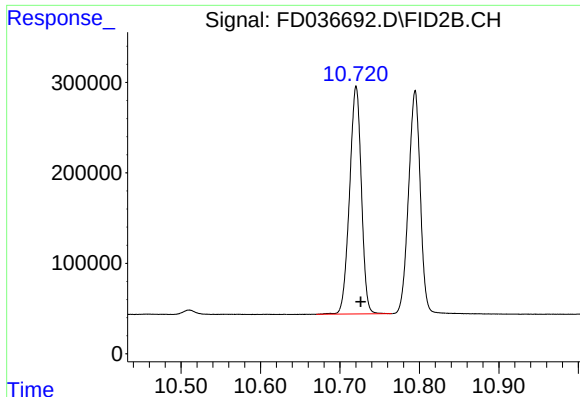
#7 Acenaphthene (C15.5)

R.T.: 8.548 min
Delta R.T.: -0.005 min
Response: 2898995
Conc: 18.67 ug/ml



#8 Fluorene (C16.55)

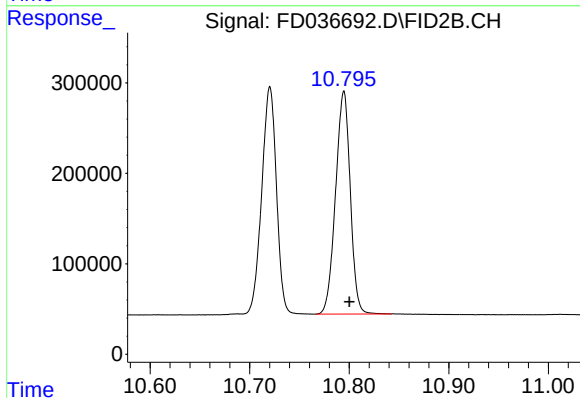
R.T.: 9.327 min
Delta R.T.: -0.004 min
Response: 2755391
Conc: 18.30 ug/ml



#9 Phenanthrene (C19.36)

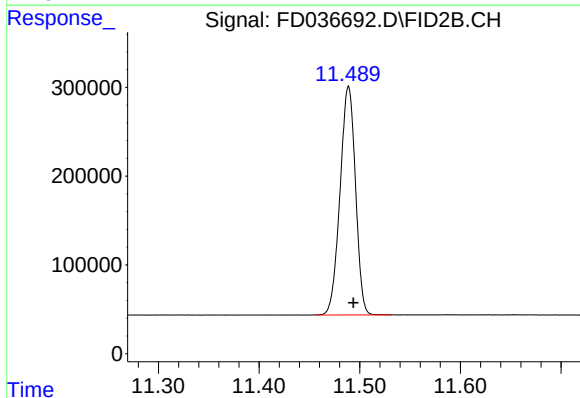
R.T.: 10.720 min
Delta R.T.: -0.006 min
Response: 2599881
Conc: 17.74 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



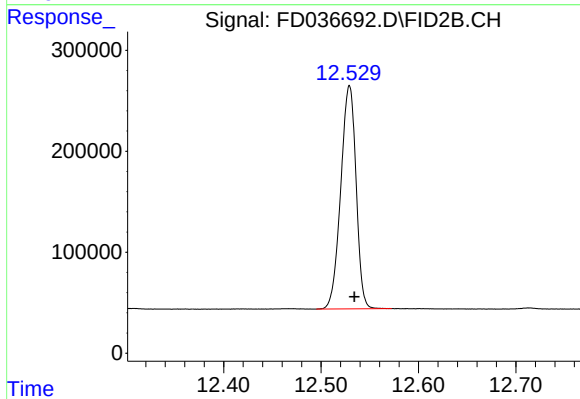
#10 Anthracene (C19.43)

R.T.: 10.795 min
Delta R.T.: -0.005 min
Response: 2530490
Conc: 17.48 ug/ml



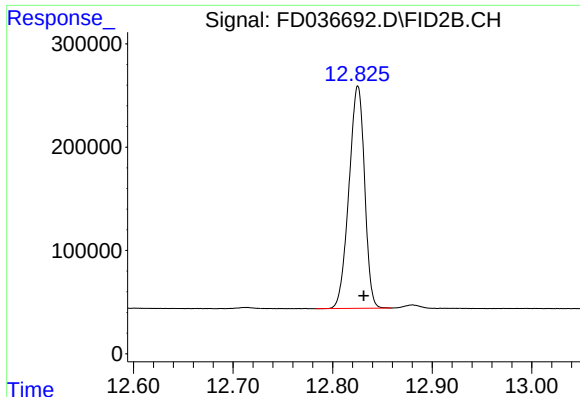
#11 ortho-Terphenyl (SURR)

R.T.: 11.489 min
Delta R.T.: -0.005 min
Response: 2743899
Conc: 17.97 ug/ml



#12 Fluoranthene (C21.85)

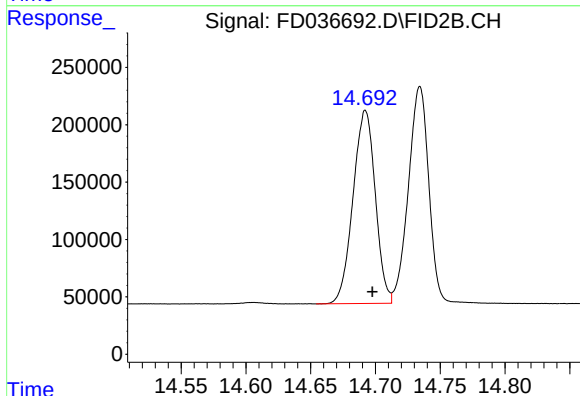
R.T.: 12.529 min
Delta R.T.: -0.005 min
Response: 2416925
Conc: 17.22 ug/ml



#13 Pyrene (C20.8)

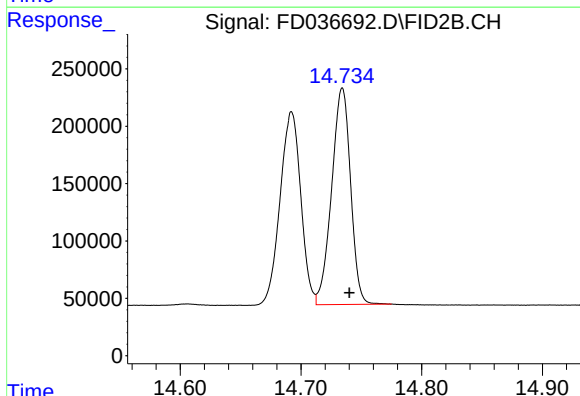
R.T.: 12.825 min
Delta R.T.: -0.006 min
Response: 2348234
Conc: 17.12 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



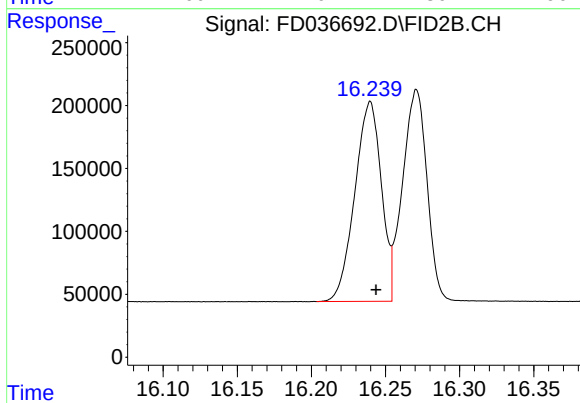
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.692 min
Delta R.T.: -0.005 min
Response: 2010950
Conc: 16.93 ug/ml



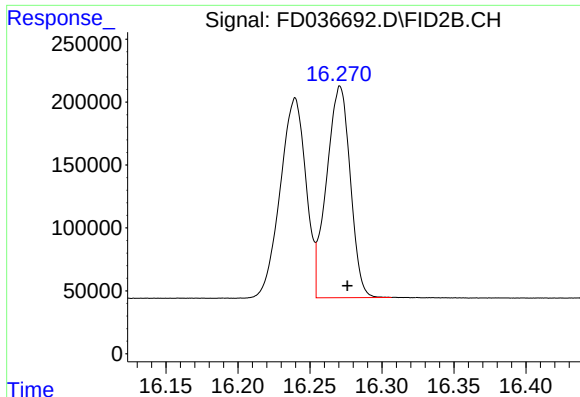
#15 Chrysene (C27.41)

R.T.: 14.734 min
Delta R.T.: -0.006 min
Response: 2061504
Conc: 17.05 ug/ml



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

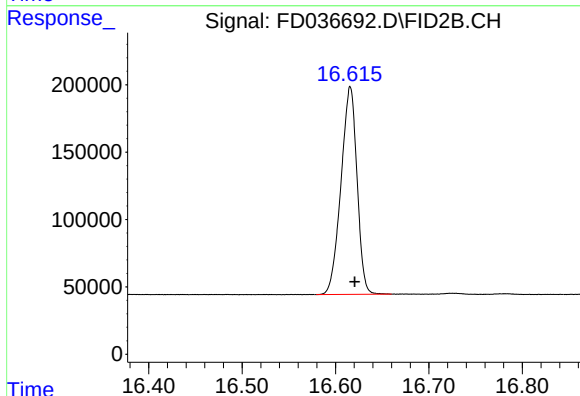
R.T.: 16.240 min
Delta R.T.: -0.004 min
Response: 1975795
Conc: 18.01 ug/ml



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

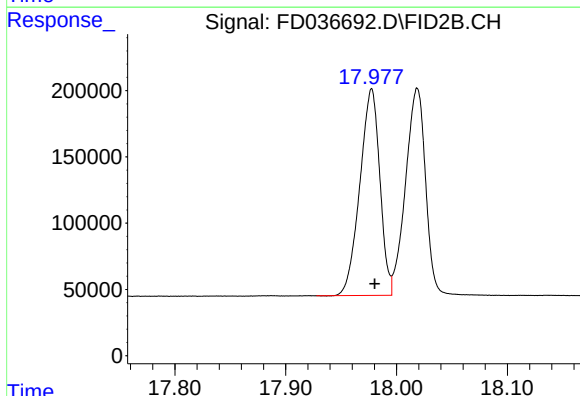
R.T.: 16.271 min
Delta R.T.: -0.005 min
Response: 1924844
Conc: 18.11 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



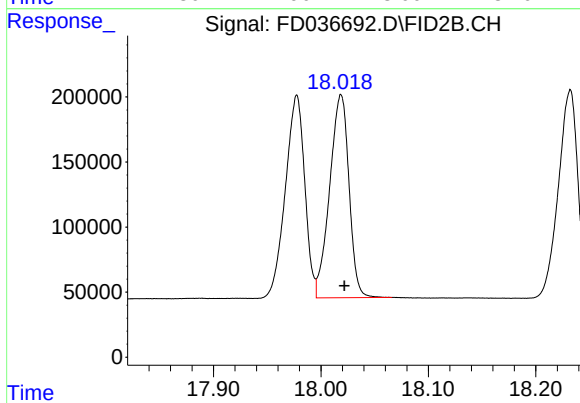
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.616 min
Delta R.T.: -0.005 min
Response: 1838466
Conc: 18.45 ug/ml



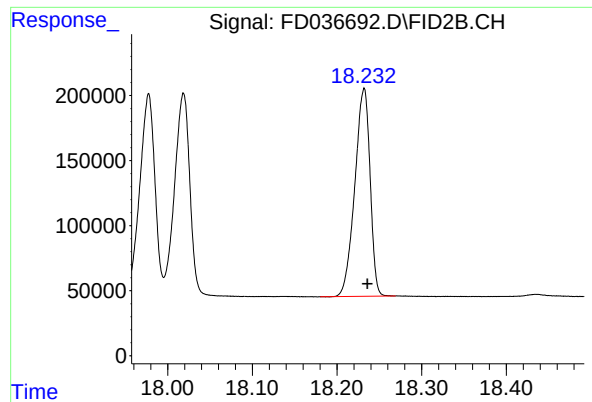
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.978 min
Delta R.T.: -0.003 min
Response: 1953769
Conc: 19.44 ug/ml



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

R.T.: 18.019 min
Delta R.T.: -0.003 min
Response: 1953920
Conc: 19.38 ug/ml



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

R.T.: 18.232 min
Delta R.T.: -0.004 min
Response: 2003838
Conc: 19.78 ug/ml

Instrument :
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