

Data Path : P:\HPCHEM1\FID_D\Data\FD051618AR\
 Data File : FD023698.D
 Signal(s) : FID2B.CH
 Acq On : 16 May 2018 11:16
 Operator : UA/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: May 16 13:38:24 2018
 Quant Method : P:\HPCHEM1\FID_D\methods\Aromatic EPH 051418.M
 Quant Title : GC Extractables
 QLast Update : Tue May 15 11:41:03 2018
 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...	7.615	1666438	17.217 ug/ml
Spiked Amount 50.000		Recovery =	34.43%
6) S 2-Fluorobiphenyl (SURR)	8.476	1177529	17.075 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	34.15%
11) S ortho-Terphenyl (SURR)	11.528	1946358	17.071 ug/ml
Spiked Amount 50.000		Recovery =	34.14%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.402	1776830	17.355 ug/ml
2) T Naphthalene (C11.7)	5.948	1882178	17.226 ug/ml
3) T 2-Methylnaphthalene (...)	7.002	1866851	17.204 ug/ml
5) T Acenaphthylene (C15.06)	8.279	1817426	17.106 ug/ml
7) T Acenaphthene (C15.5)	8.576	1907204	17.116 ug/ml
8) T Flouorene (C16.55)	9.357	1929366	17.092 ug/ml
9) T Phenanthrene (C19.36)	10.756	2007865	17.061 ug/ml
10) T Anthracene (C19.43)	10.831	1996993	16.986 ug/ml
12) T Fluoranthene (C21.85)	12.570	2089635	17.054 ug/ml
13) T Pyrene (C20.8)	12.868	2087552	16.950 ug/ml
14) T Benzo[a]anthracene (C...	14.741	2046299	17.089 ug/ml
15) T Chrysene (C27.41)	14.785	2065740	17.026 ug/ml
16) T benzo[b]fluoranthene ...	16.294	2034401	17.002 ug/ml
17) T Bnezo[k]fluoranthene ...	16.327	2058559	17.042 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.672	1980362	17.010 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.036	1376715	15.081 ug/ml
20) T Dibenz[a,h]anthracene...	18.079	1670018	15.478 ug/ml
21) T Benzo[g,h,i]perylene ...	18.290	1371902	14.490 ug/ml

(f)=RT Delta > 1/2 Window

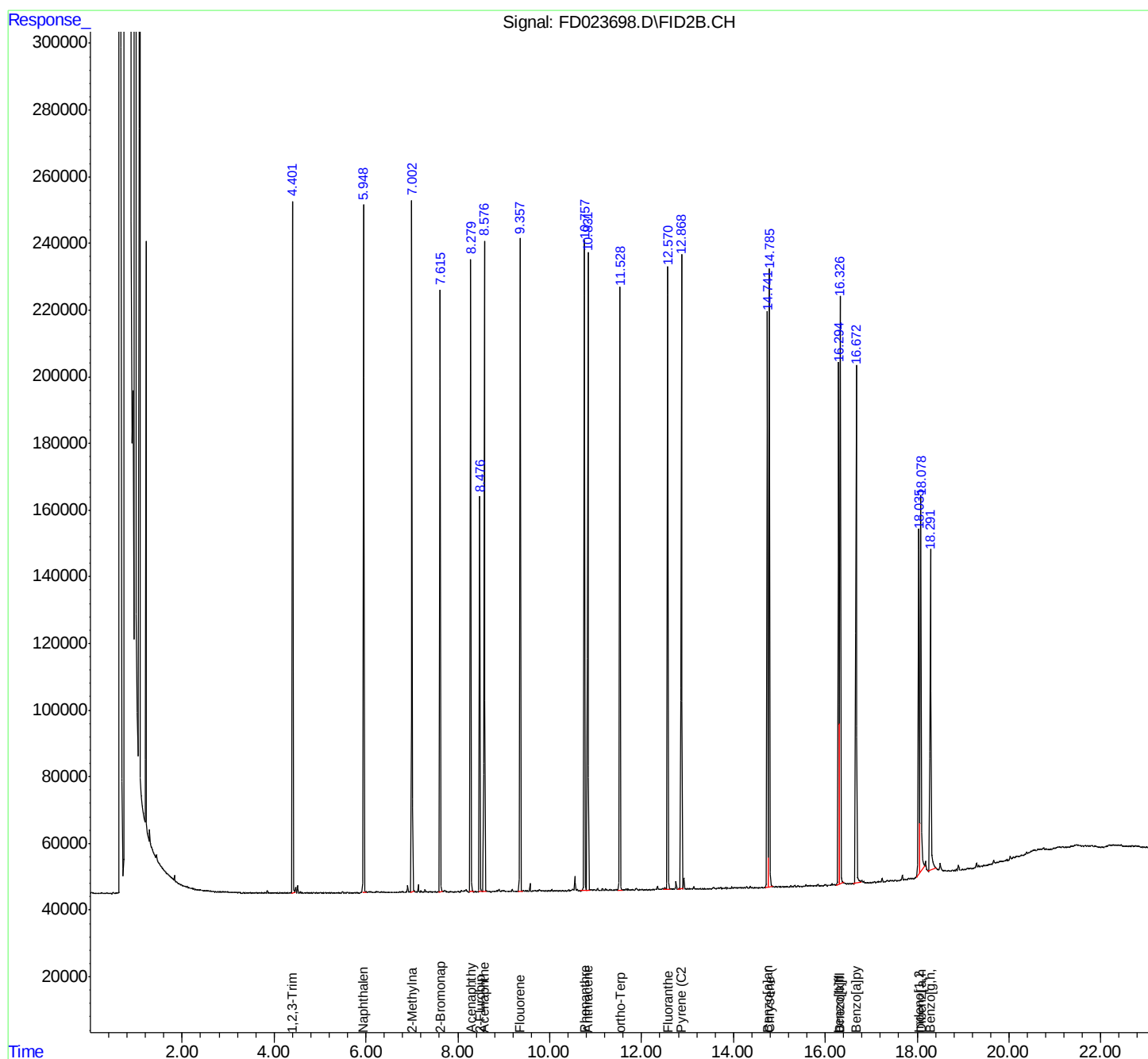
(m)=manual int.

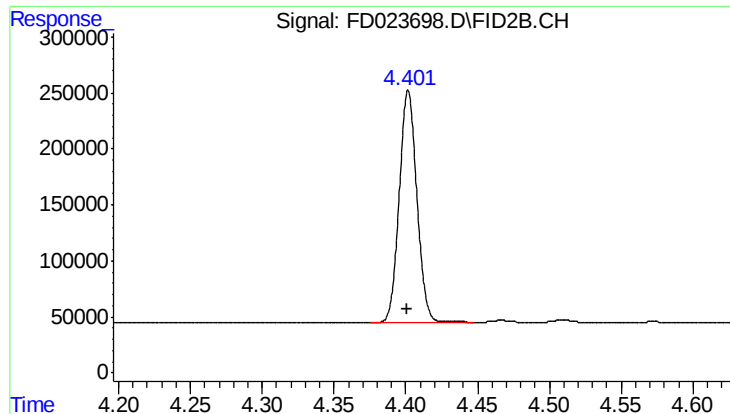
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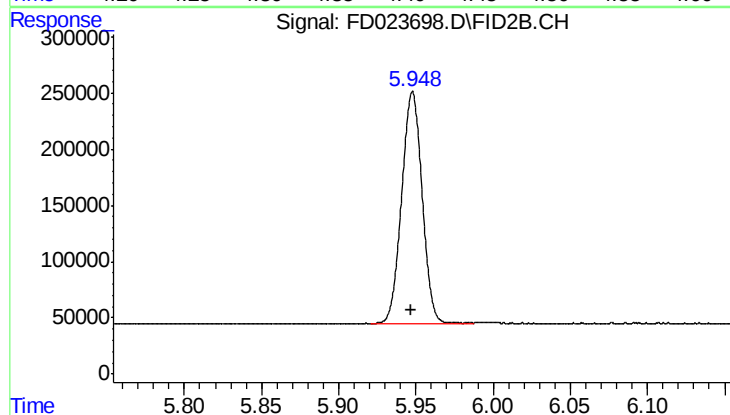




#1 1,2,3-Trimethylbenzene (C10.1)

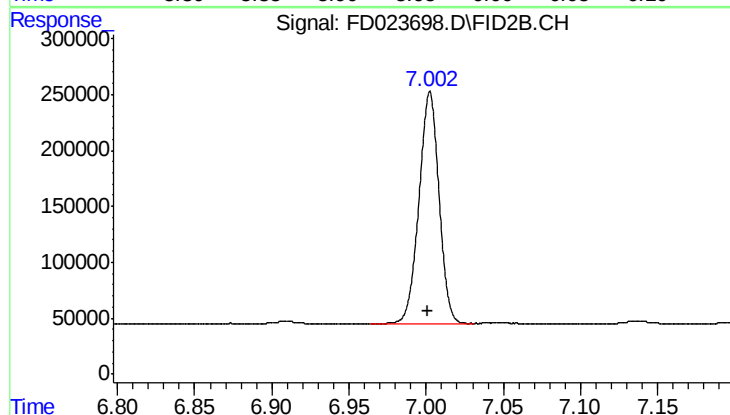
R.T.: 4.402 min
Delta R.T.: 0.001 min
Response: 1776830
Conc: 17.36 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



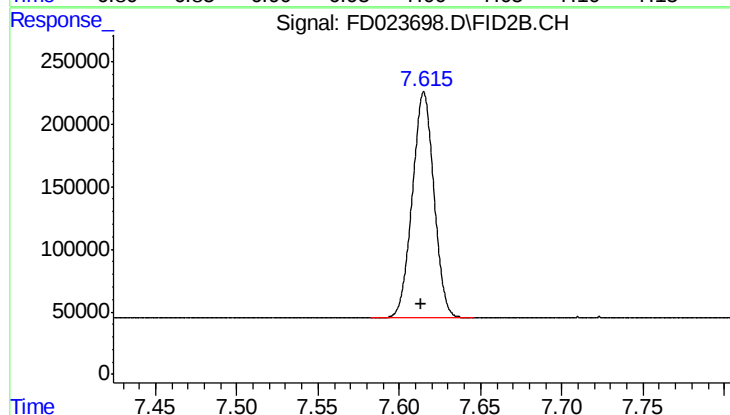
#2 Naphthalene (C11.7)

R.T.: 5.948 min
Delta R.T.: 0.000 min
Response: 1882178
Conc: 17.23 ug/ml



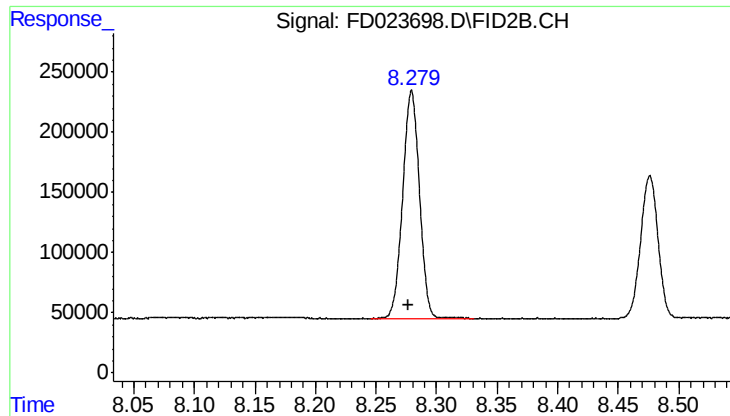
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.002 min
Delta R.T.: 0.002 min
Response: 1866851
Conc: 17.20 ug/ml



#4 2-Bromonaphthalene (SURR)

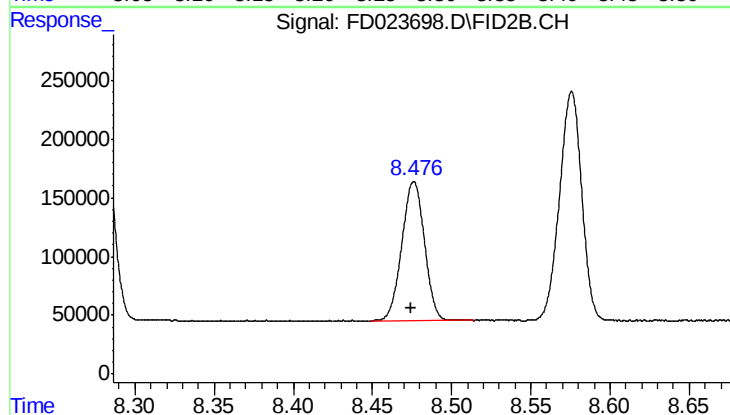
R.T.: 7.615 min
Delta R.T.: 0.002 min
Response: 1666438
Conc: 17.22 ug/ml



#5 Acenaphthylene (C15.06)

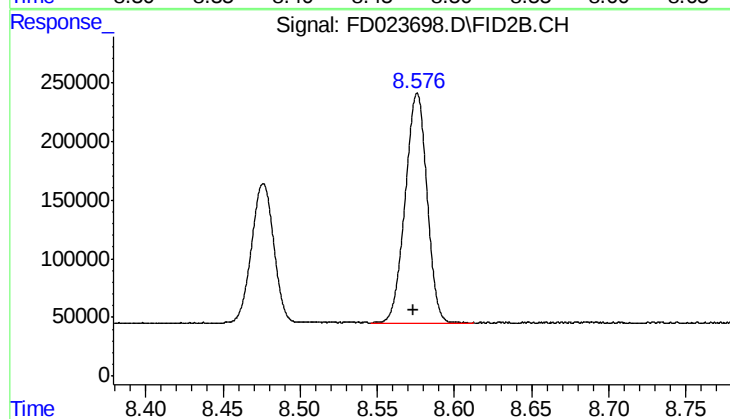
R.T.: 8.279 min
Delta R.T.: 0.002 min
Response: 1817426
Conc: 17.11 ug/ml

Instrument :
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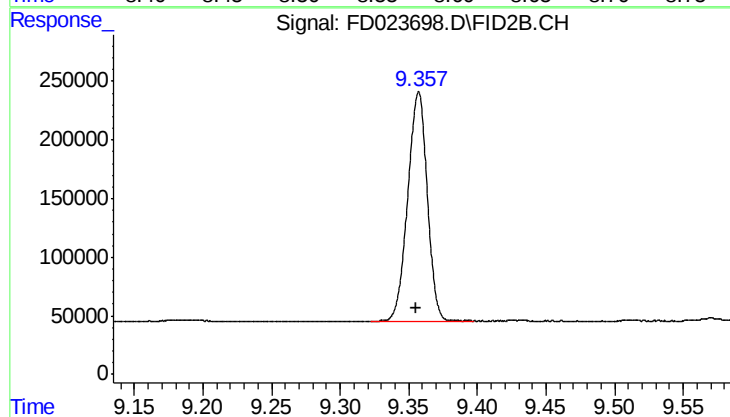
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.476 min
Delta R.T.: 0.002 min
Response: 1177529
Conc: 17.08 ug/ml



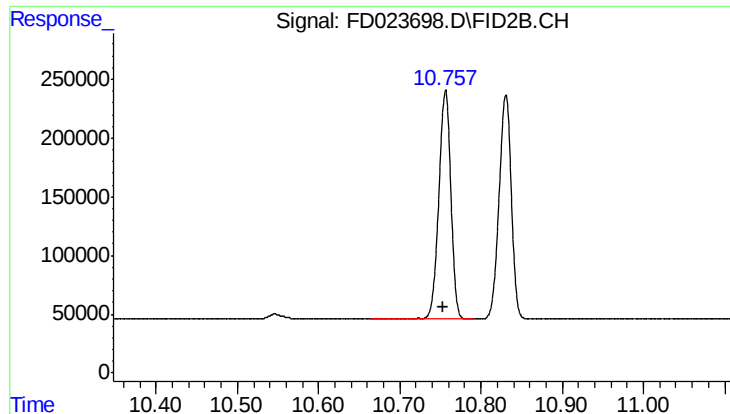
#7 Acenaphthene (C15.5)

R.T.: 8.576 min
Delta R.T.: 0.003 min
Response: 1907204
Conc: 17.12 ug/ml



#8 Fluorene (C16.55)

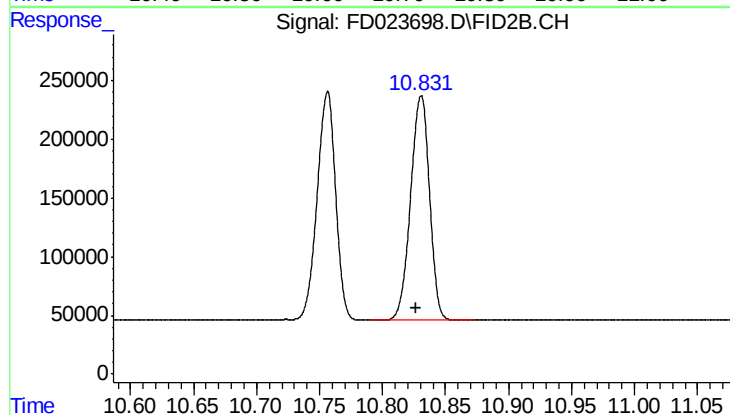
R.T.: 9.357 min
Delta R.T.: 0.002 min
Response: 1929366
Conc: 17.09 ug/ml



#9 Phenanthrene (C19.36)

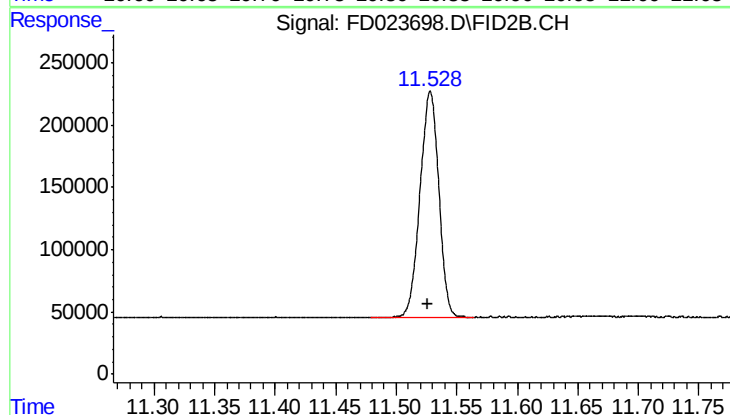
R.T.: 10.756 min
Delta R.T.: 0.004 min
Response: 2007865
Conc: 17.06 ug/ml

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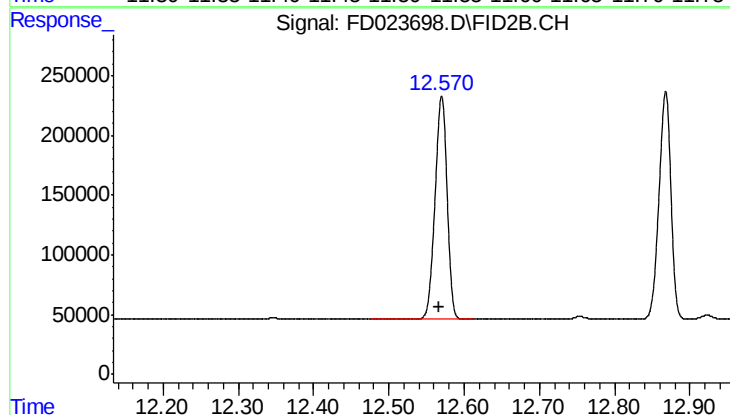
#10 Anthracene (C19.43)

R.T.: 10.831 min
Delta R.T.: 0.004 min
Response: 1996993
Conc: 16.99 ug/ml



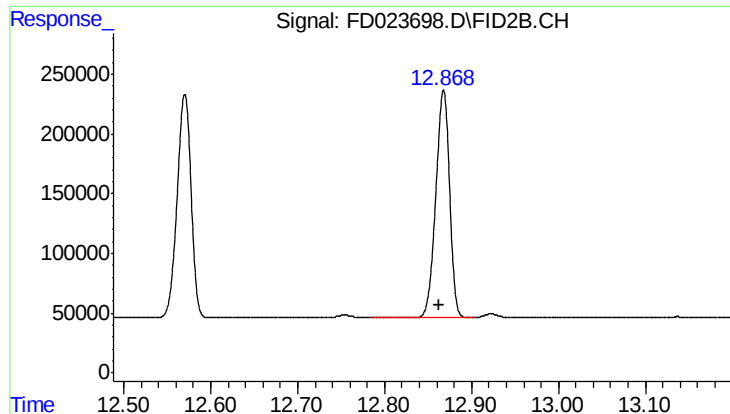
#11 ortho-Terphenyl (SURRE)

R.T.: 11.528 min
Delta R.T.: 0.002 min
Response: 1946358
Conc: 17.07 ug/ml



#12 Fluoranthene (C21.85)

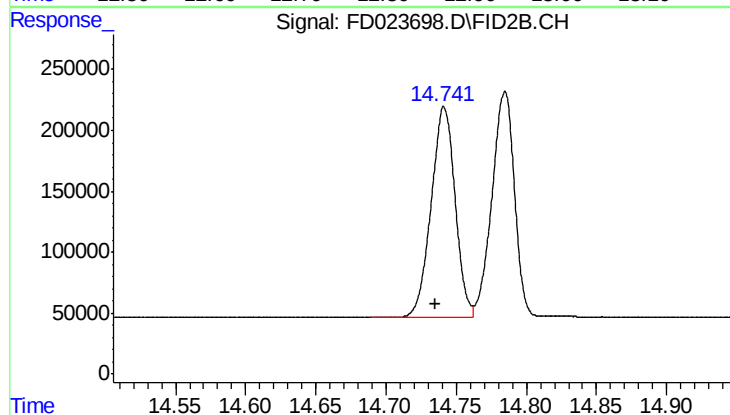
R.T.: 12.570 min
Delta R.T.: 0.004 min
Response: 2089635
Conc: 17.05 ug/ml



#13 Pyrene (C20.8)

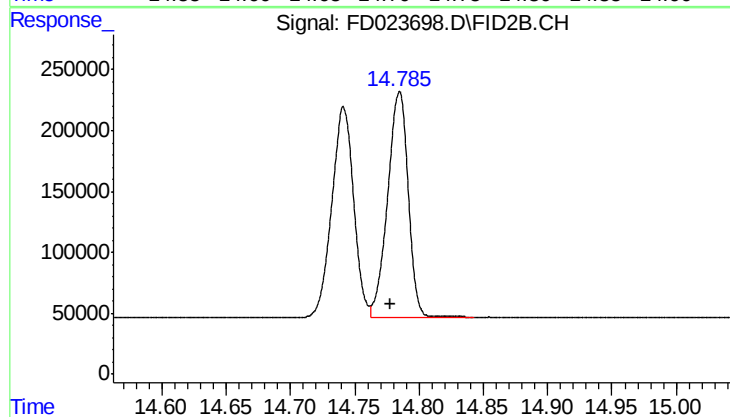
R.T.: 12.868 min
Delta R.T.: 0.005 min
Response: 2087552
Conc: 16.95 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



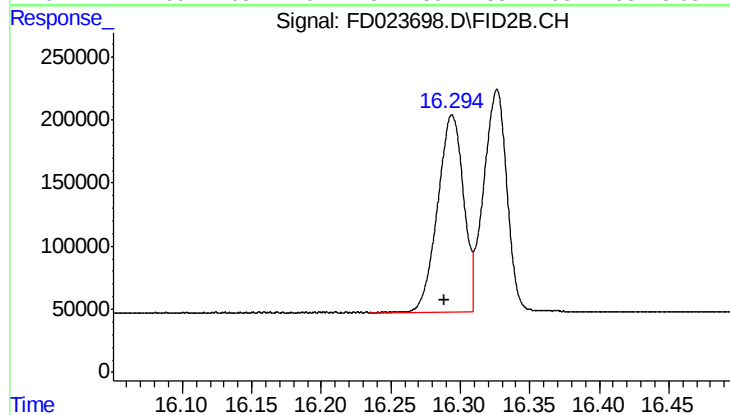
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.741 min
Delta R.T.: 0.006 min
Response: 2046299
Conc: 17.09 ug/ml



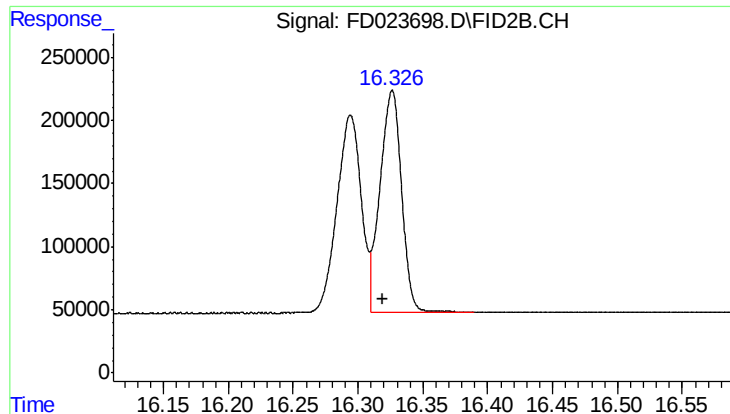
#15 Chrysene (C27.41)

R.T.: 14.785 min
Delta R.T.: 0.007 min
Response: 2065740
Conc: 17.03 ug/ml



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

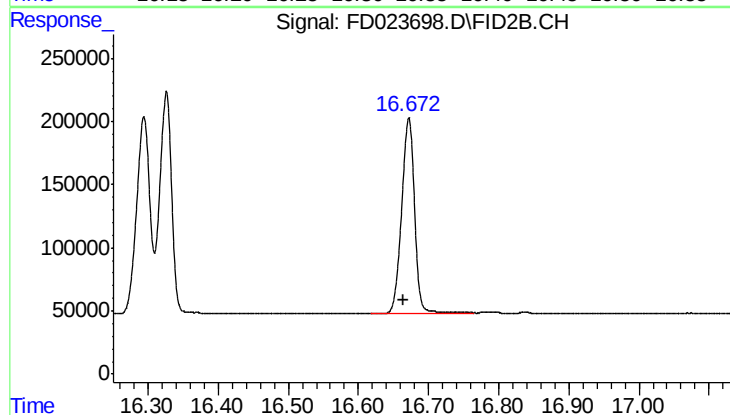
R.T.: 16.294 min
Delta R.T.: 0.006 min
Response: 2034401
Conc: 17.00 ug/ml



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

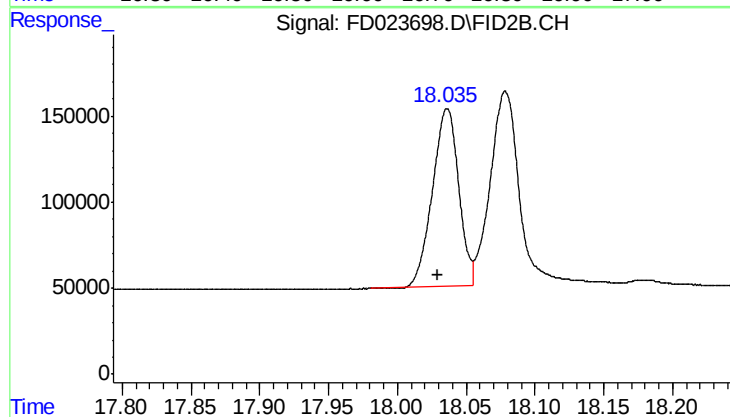
R.T.: 16.327 min
Delta R.T.: 0.008 min
Response: 2058559
Conc: 17.04 ug/ml

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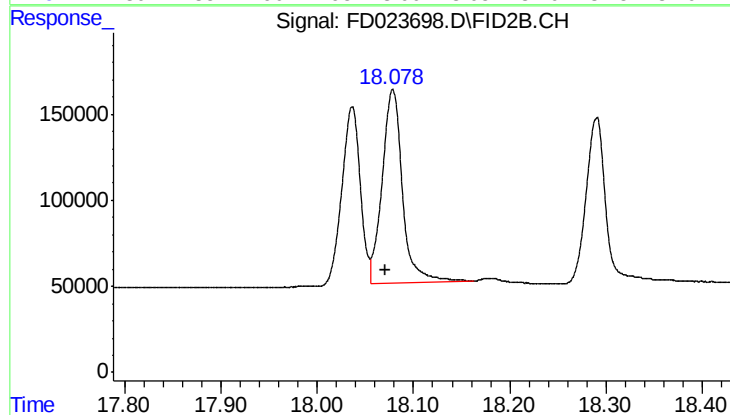
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.672 min
Delta R.T.: 0.007 min
Response: 1980362
Conc: 17.01 ug/ml



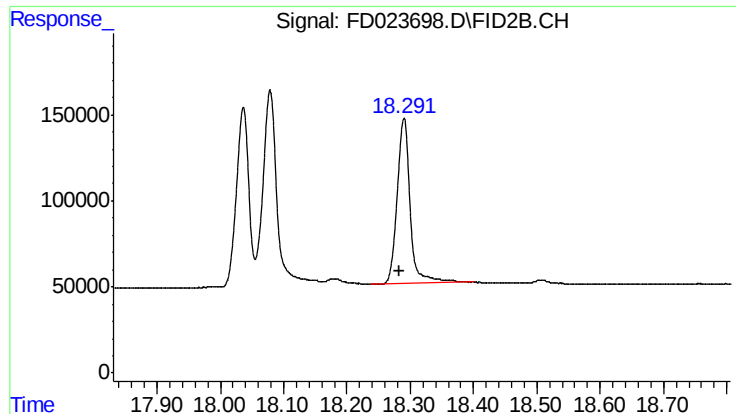
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.036 min
Delta R.T.: 0.007 min
Response: 1376715
Conc: 15.08 ug/ml



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

R.T.: 18.079 min
Delta R.T.: 0.007 min
Response: 1670018
Conc: 15.48 ug/ml



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

R.T.: 18.290 min
Delta R.T.: 0.008 min
Response: 1371902
Conc: 14.49 ug/ml

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