

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032221AR\
 Data File : FD036475.D
 Signal(s) : FID2B.CH
 Acq On : 22 Mar 2021 10:25
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC CH STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC CH STD

Manual Integrations
 APPROVED

Ankita
 4/5/2021 12:51:16 PM

Integration File: autoint1.e
 Quant Time: Mar 23 02:44:24 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030321.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 04 08:08:08 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...	7.593	2083251	17.674 ug/ml
Spiked Amount 50.000		Recovery =	35.35%
6) S 2-Fluorobiphenyl (SURR)	8.453	1448825	17.409 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	34.82%
11) S ortho-Terphenyl (SURR)	11.493	2404482	17.067 ug/ml
Spiked Amount 50.000		Recovery =	34.13%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.396	2288646	18.254 ug/ml
2) T Naphthalene (C11.7)	5.933	2435861	17.975 ug/ml
3) T 2-Methylnaphthalene (...)	6.983	2427174	17.775 ug/ml
5) T Acenaphthylene (C15.06)	8.257	2350053	17.467 ug/ml
7) T Acenaphthene (C15.5)	8.552	2433185	17.579 ug/ml
8) T Flouorene (C16.55)	9.331	2349651	17.217 ug/ml
9) T Phenanthrene (C19.36)	10.725	2340482	16.988 ug/ml
10) T Anthracene (C19.43)	10.798	2240860	16.691 ug/ml
12) T Fluoranthene (C21.85)	12.532	2321616	16.717 ug/ml
13) T Pyrene (C20.8)	12.829	2294023	16.733 ug/ml
14) T Benzo[a]anthracene (C...	14.697	2074719	16.403 ug/ml
15) T Chrysene (C27.41)	14.739	2133477	16.475 ug/ml
16) T benzo[b]fluoranthene ...	16.242	2091942	17.189 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.276	2011359	17.081 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.620	1910329	17.323 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.981	1963772	17.749 ug/ml
20) T Dibenz[a,h]anthracene...	18.022	1916962	17.323 ug/ml
21) T Benzo[g,h,i]perylene ...	18.236	2021531	18.282 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : DD\AJ
Sample : 20 PPM AROMATIC CH STD
Misc :
ALS Vial : 52 Sample Multiplier: 1

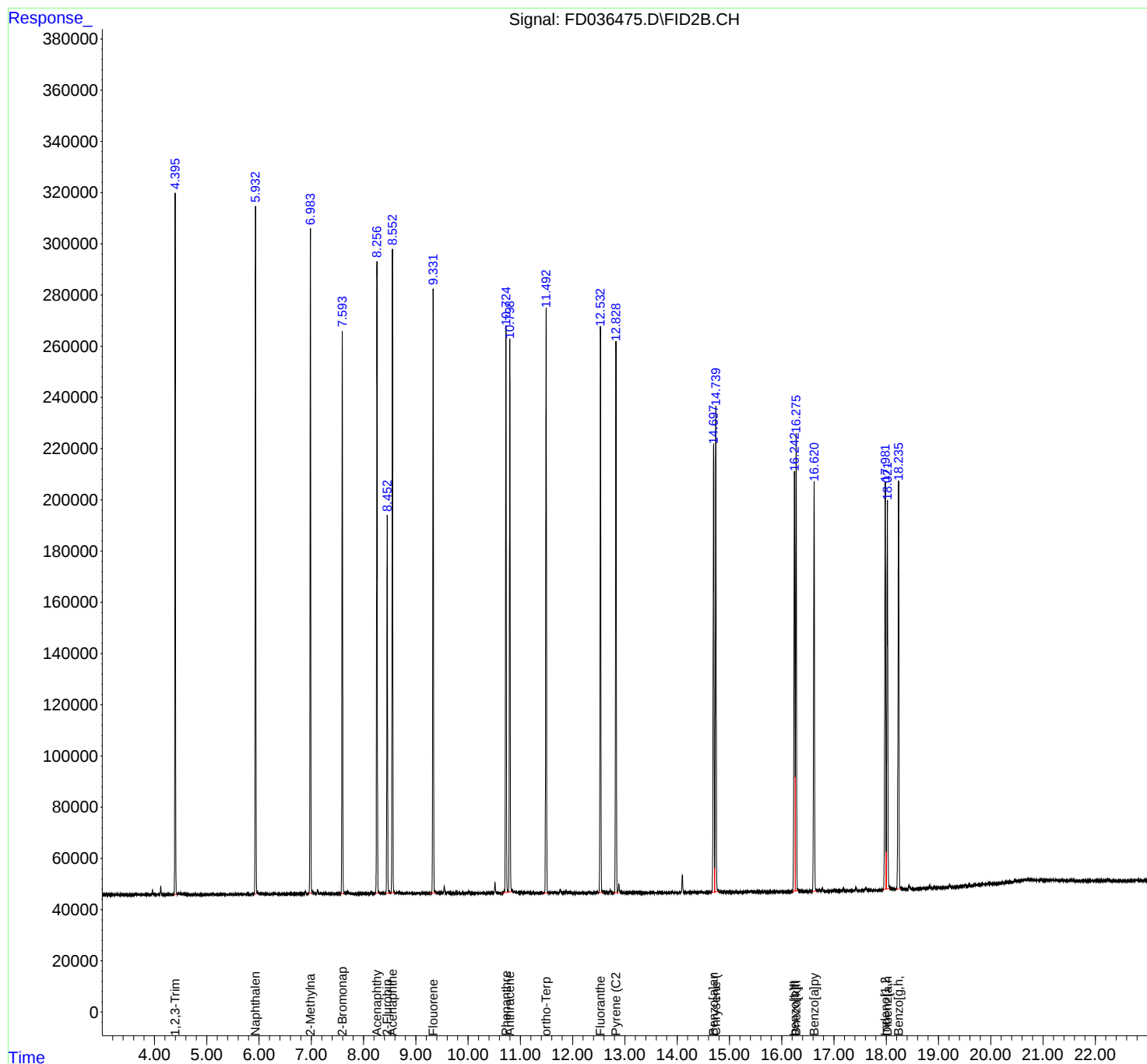
Instrument :
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20 PPM AROMATIC CH STD

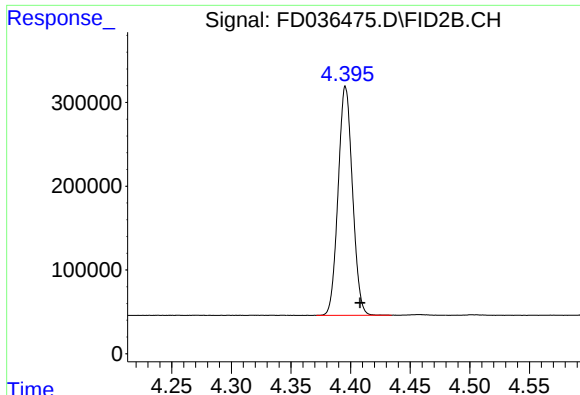
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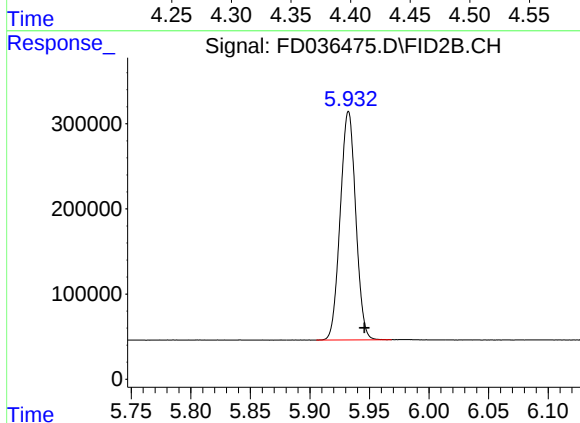
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.396 min
Delta R.T.: -0.012 min
Response: 2288646
Conc: 18.25 ug/ml

Instrument :
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20 PPM AROMATIC CH STD

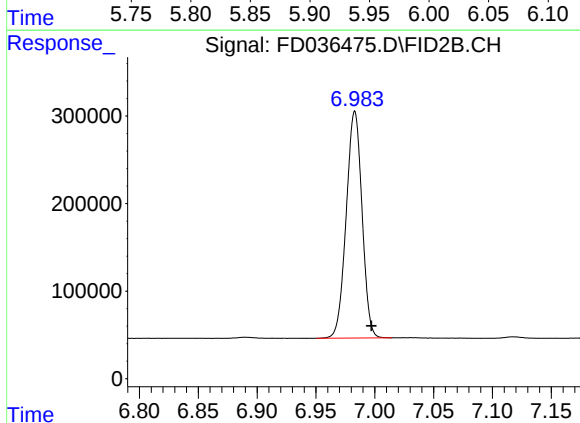
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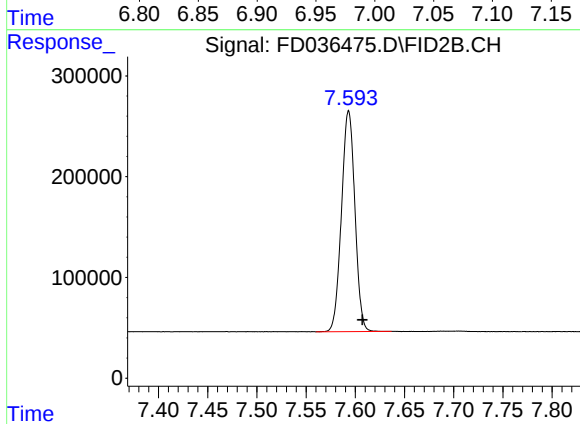
#2 Naphthalene (C11.7)

R.T.: 5.933 min
Delta R.T.: -0.013 min
Response: 2435861
Conc: 17.98 ug/ml



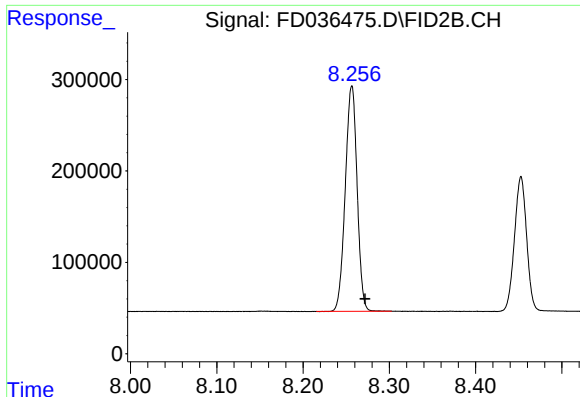
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.983 min
Delta R.T.: -0.014 min
Response: 2427174
Conc: 17.77 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.593 min
Delta R.T.: -0.014 min
Response: 2083251
Conc: 17.67 ug/ml



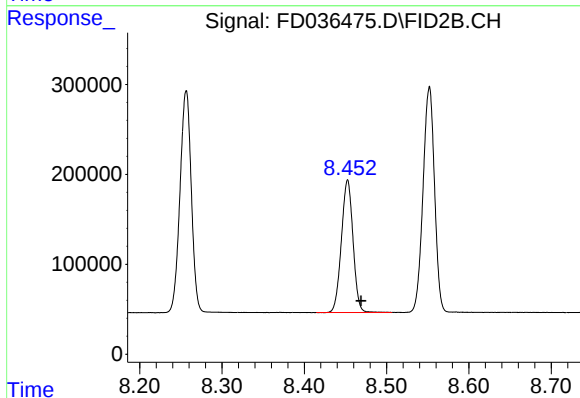
#5 Acenaphthylene (C15.06)

R.T.: 8.257 min
Delta R.T.: -0.015 min
Response: 2350053
Conc: 17.47 ug/ml

Instrument :
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20 PPM AROMATIC CH STD

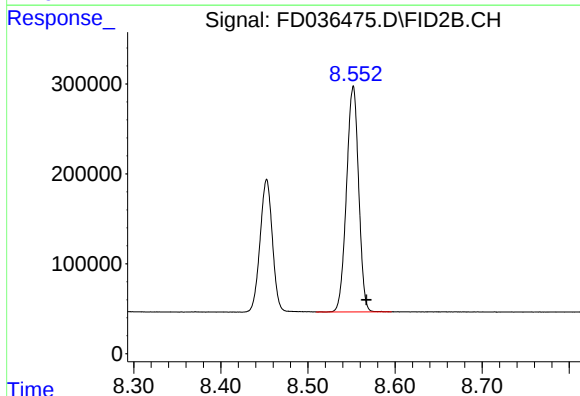
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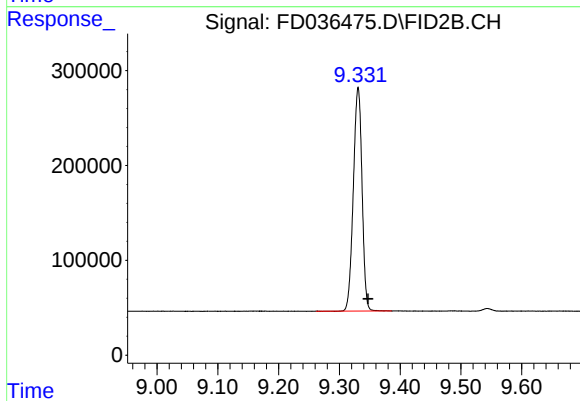
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.453 min
Delta R.T.: -0.016 min
Response: 1448825
Conc: 17.41 ug/ml



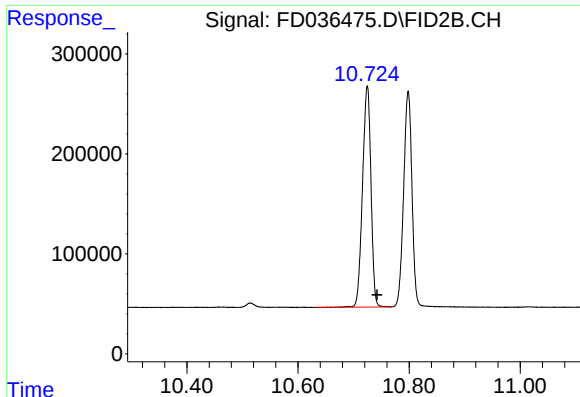
#7 Acenaphthene (C15.5)

R.T.: 8.552 min
Delta R.T.: -0.015 min
Response: 2433185
Conc: 17.58 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.331 min
Delta R.T.: -0.016 min
Response: 2349651
Conc: 17.22 ug/ml



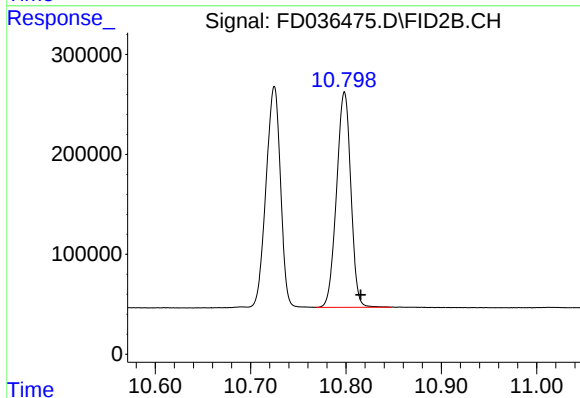
#9 Phenanthrene (C19.36)

R.T.: 10.725 min
Delta R.T.: -0.017 min
Response: 2340482
Conc: 16.99 ug/ml

Instrument :
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20 PPM AROMATIC CH STD

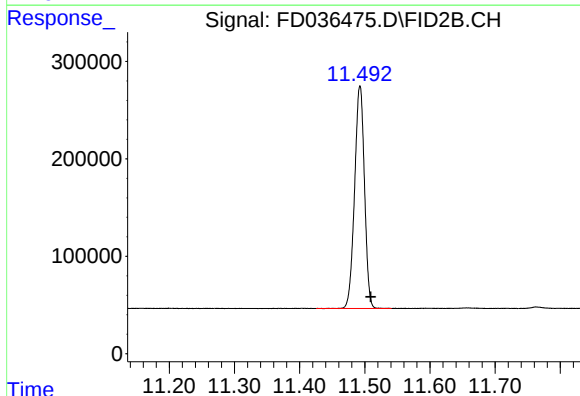
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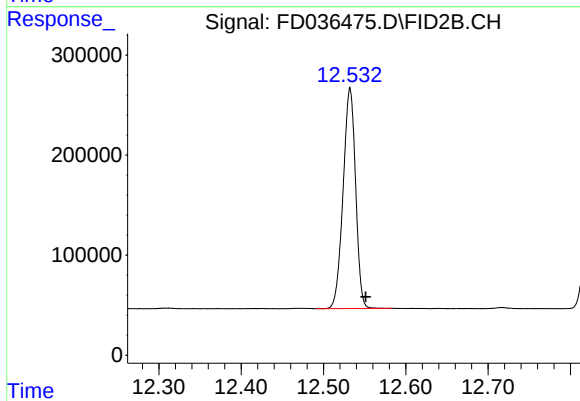
#10 Anthracene (C19.43)

R.T.: 10.798 min
Delta R.T.: -0.017 min
Response: 2240860
Conc: 16.69 ug/ml



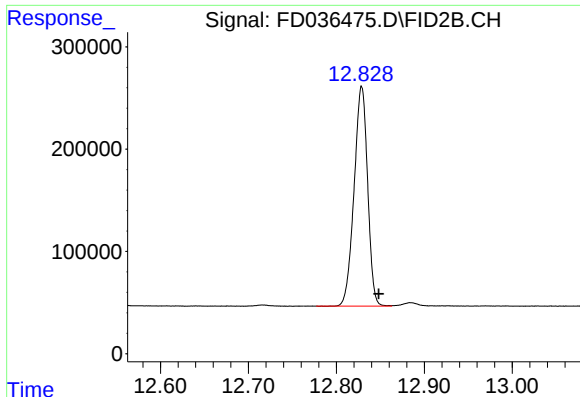
#11 ortho-Terphenyl (SURR)

R.T.: 11.493 min
Delta R.T.: -0.017 min
Response: 2404482
Conc: 17.07 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.532 min
Delta R.T.: -0.019 min
Response: 2321616
Conc: 16.72 ug/ml



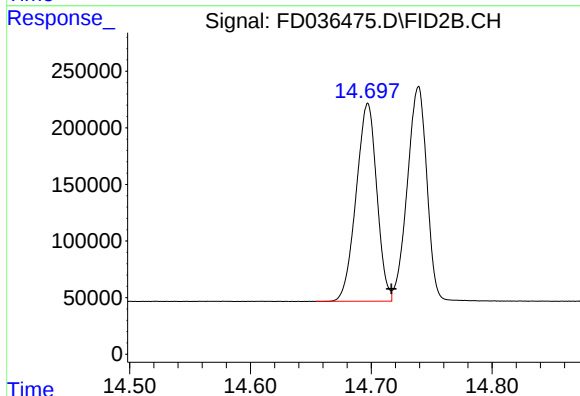
#13 Pyrene (C20.8)

R.T.: 12.829 min
Delta R.T.: -0.019 min
Response: 2294023
Conc: 16.73 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC CH STD

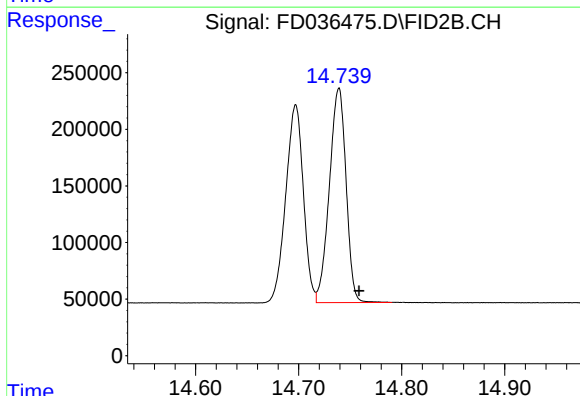
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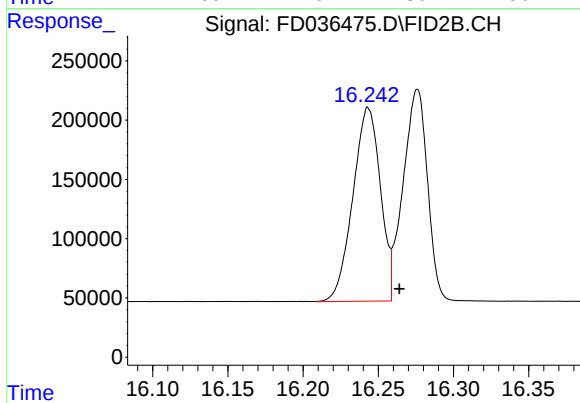
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.697 min
Delta R.T.: -0.019 min
Response: 2074719
Conc: 16.40 ug/ml



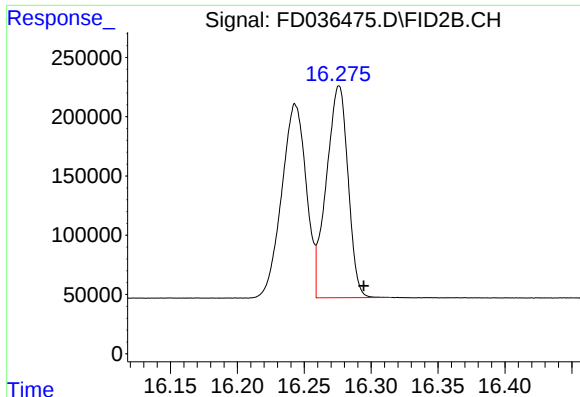
#15 Chrysene (C27.41)

R.T.: 14.739 min
Delta R.T.: -0.020 min
Response: 2133477
Conc: 16.47 ug/ml



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

R.T.: 16.242 min
Delta R.T.: -0.022 min
Response: 2091942
Conc: 17.19 ug/ml m



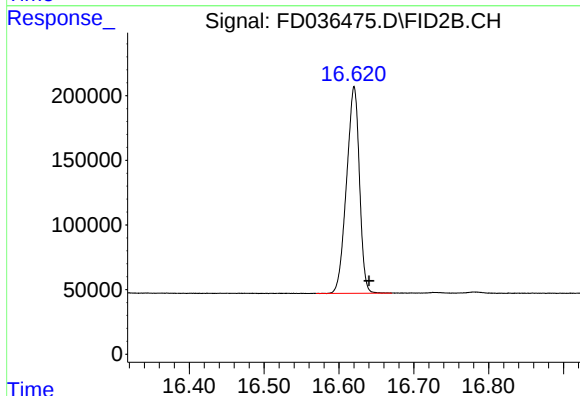
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.276 min
Delta R.T.: -0.018 min
Response: 2011359
Conc: 17.08 ug/ml

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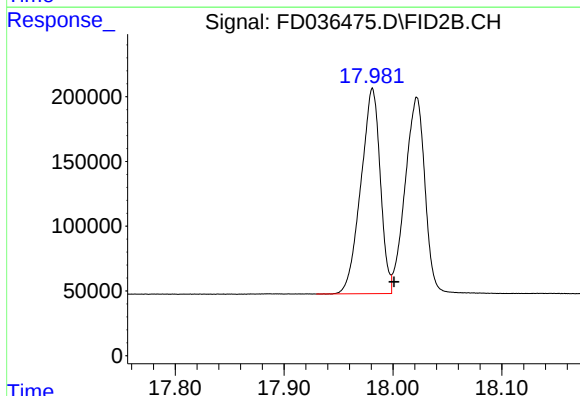
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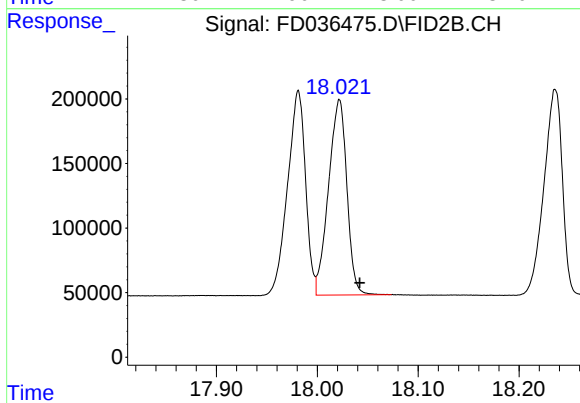
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.620 min
Delta R.T.: -0.020 min
Response: 1910329
Conc: 17.32 ug/ml



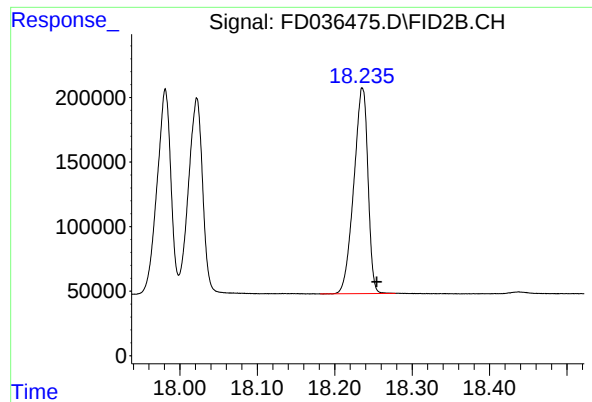
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.981 min
Delta R.T.: -0.020 min
Response: 1963772
Conc: 17.75 ug/ml



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

R.T.: 18.022 min
Delta R.T.: -0.020 min
Response: 1916962
Conc: 17.32 ug/ml



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

R.T.: 18.236 min
Delta R.T.: -0.018 min
Response: 2021531
Conc: 18.28 ug/ml

Instrument :
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