

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121620AR\
 Data File : FD035803.D
 Signal(s) : FID2B.CH
 Acq On : 17 Dec 2020 7:06
 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

Manual Integrations
 APPROVED

Ankita
 12/17/2020 12:11:08 PM

Integration File: autoint1.e
 Quant Time: Dec 17 07:38:15 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 112720.M
 Quant Title : GC Extractables
 QLast Update : Mon Nov 30 09:48:30 2020
 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...	7.592	2363310	18.544 ug/ml
Spiked Amount 50.000		Recovery =	37.09%
6) S 2-Fluorobiphenyl (SURR)	8.458	1496664	17.262 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	34.52%
11) S ortho-Terphenyl (SURR)	11.490	2636419	17.814 ug/ml
Spiked Amount 50.000		Recovery =	35.63%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.392	2793219	19.288 ug/ml
2) T Naphthalene (C11.7)	5.931	2773242	18.439 ug/ml
3) T 2-Methylnaphthalene (...)	6.982	2701726	17.905 ug/ml
5) T Acenaphthylene (C15.06)	8.257	2616386	17.875 ug/ml
7) T Acenaphthene (C15.5)	8.551	2784339	18.391 ug/ml
8) T Flouorene (C16.55)	9.334	2536112	17.669 ug/ml
9) T Phenanthrene (C19.36)	10.731	2415928	16.989 ug/ml
10) T Anthracene (C19.43)	10.807	2444117	17.084 ug/ml
12) T Fluoranthene (C21.85)	12.544	2373134	17.021 ug/ml
13) T Pyrene (C20.8)	12.841	2246153	16.585 ug/ml
14) T Benzo[a]anthracene (C...	14.716	2156470	18.543 ug/mlm
15) T Chrysene (C27.41)	14.758	2439660	19.085 ug/ml
16) T benzo[b]fluoranthene ...	16.270	2301380	21.276 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.301	2411400	21.731 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.652	2194966	22.260 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.022	2147157	22.198 ug/mlm
20) T Dibenz[a,h]anthracene...	18.054	2425573	23.512 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.274	2302283	23.250 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : DD\AJ
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Misc :
ALS Vial : 52 Sample Multiplier: 1

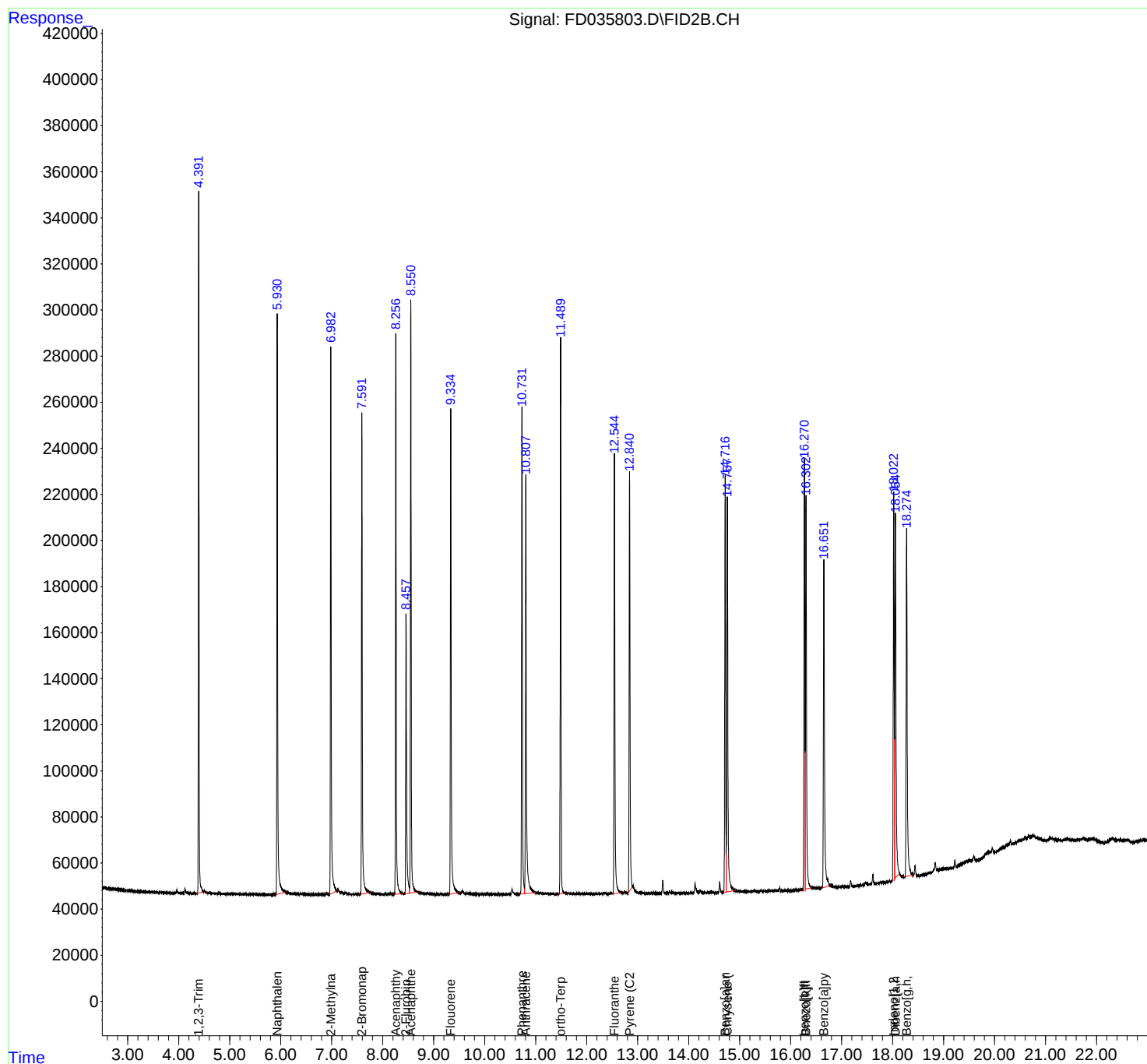
Instrument :
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20 PPM AROMATIC HC STD

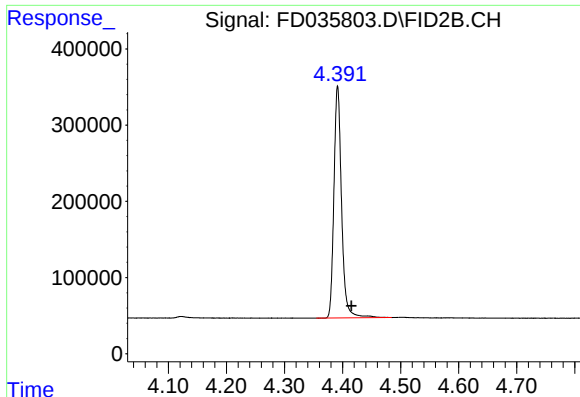
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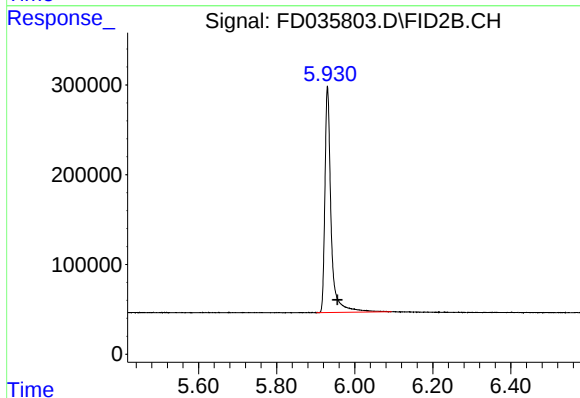
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.392 min
Delta R.T.: -0.023 min
Response: 2793219
Conc: 19.29 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD

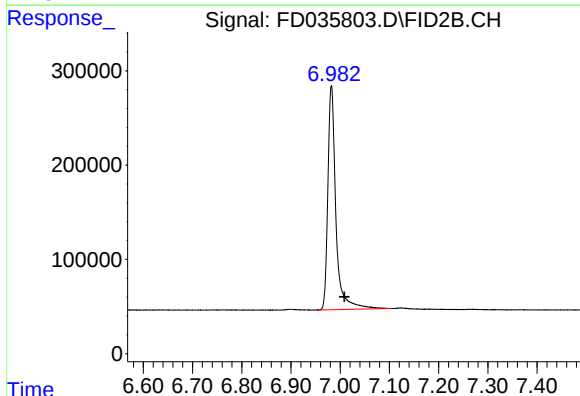
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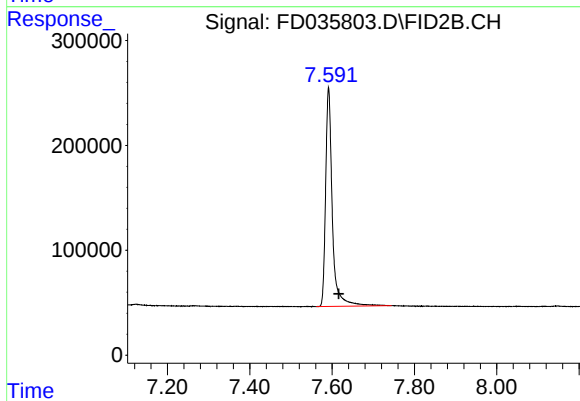
#2 Naphthalene (C11.7)

R.T.: 5.931 min
Delta R.T.: -0.025 min
Response: 2773242
Conc: 18.44 ug/ml



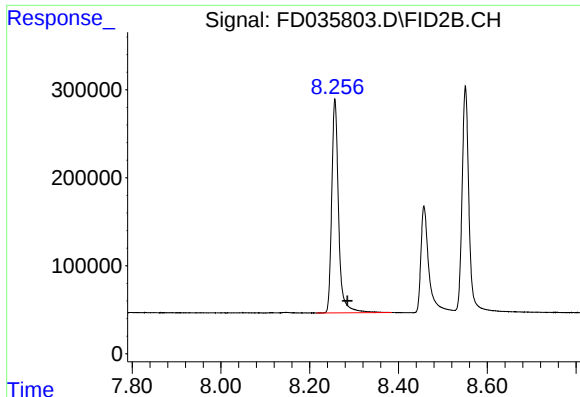
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.982 min
Delta R.T.: -0.026 min
Response: 2701726
Conc: 17.90 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.592 min
Delta R.T.: -0.025 min
Response: 2363310
Conc: 18.54 ug/ml



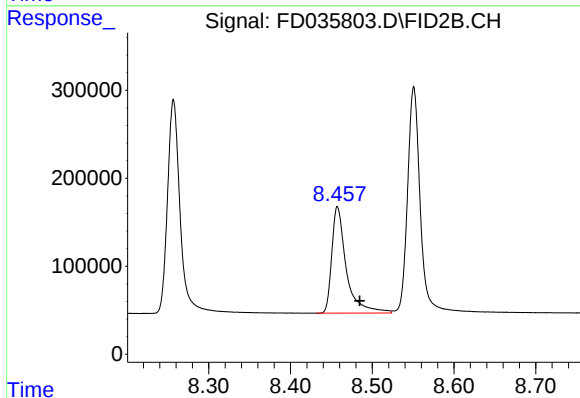
#5 Acenaphthylene (C15.06)

R.T.: 8.257 min
Delta R.T.: -0.028 min
Response: 2616386
Conc: 17.87 ug/ml

Instrument :
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20 PPM AROMATIC HC STD

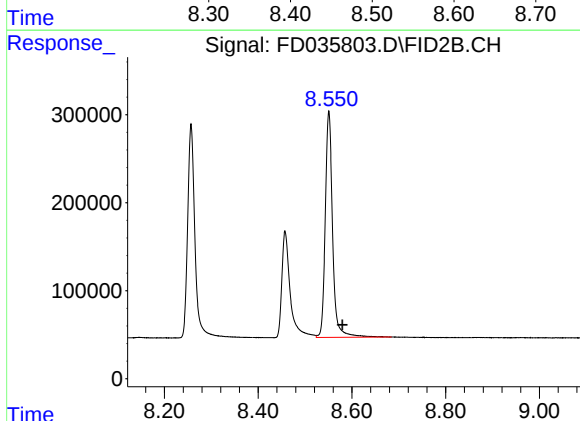
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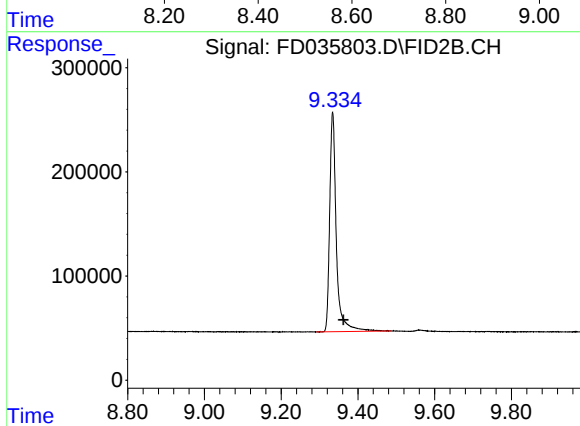
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.458 min
Delta R.T.: -0.027 min
Response: 1496664
Conc: 17.26 ug/ml



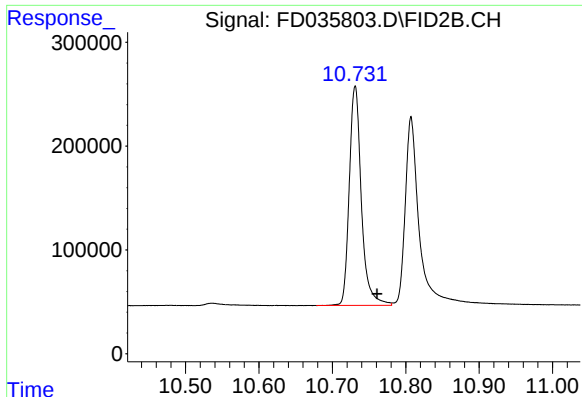
#7 Acenaphthene (C15.5)

R.T.: 8.551 min
Delta R.T.: -0.029 min
Response: 2784339
Conc: 18.39 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.334 min
Delta R.T.: -0.028 min
Response: 2536112
Conc: 17.67 ug/ml



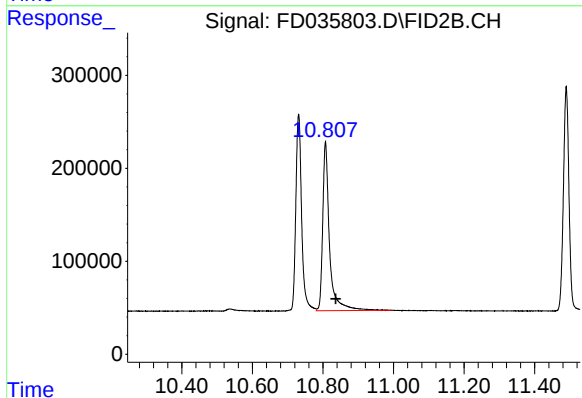
#9 Phenanthrene (C19.36)

R.T.: 10.731 min
Delta R.T.: -0.030 min
Response: 2415928
Conc: 16.99 ug/ml

Instrument :
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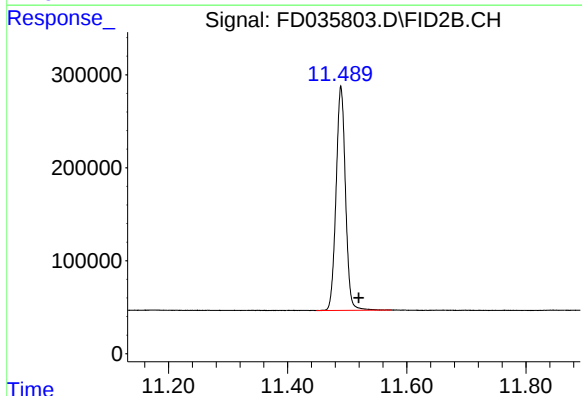
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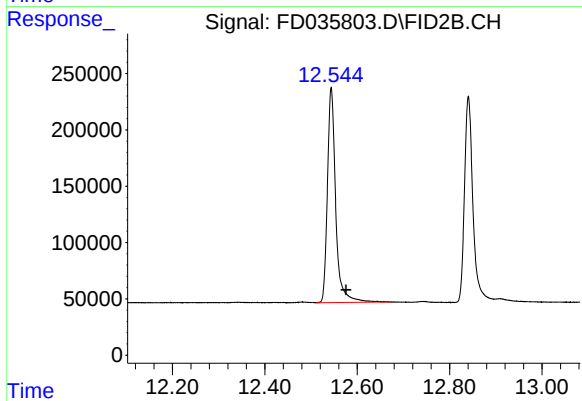
#10 Anthracene (C19.43)

R.T.: 10.807 min
Delta R.T.: -0.029 min
Response: 2444117
Conc: 17.08 ug/ml



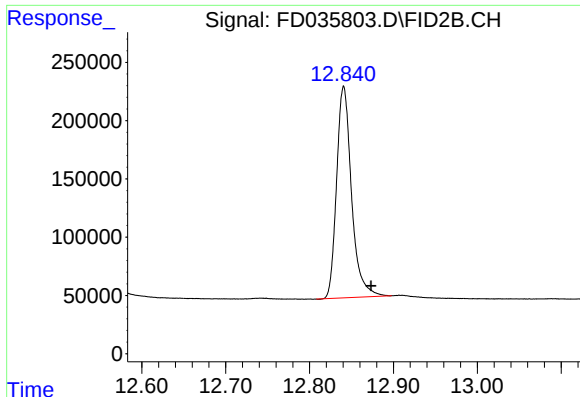
#11 ortho-Terphenyl (SURR)

R.T.: 11.490 min
Delta R.T.: -0.030 min
Response: 2636419
Conc: 17.81 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.544 min
Delta R.T.: -0.032 min
Response: 2373134
Conc: 17.02 ug/ml



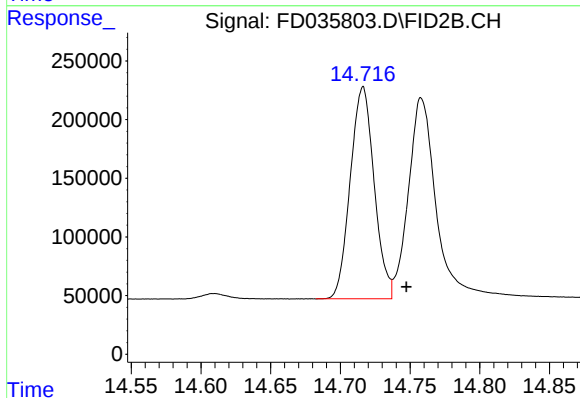
#13 Pyrene (C20.8)

R.T.: 12.841 min
Delta R.T.: -0.032 min
Response: 2246153
Conc: 16.59 ug/ml

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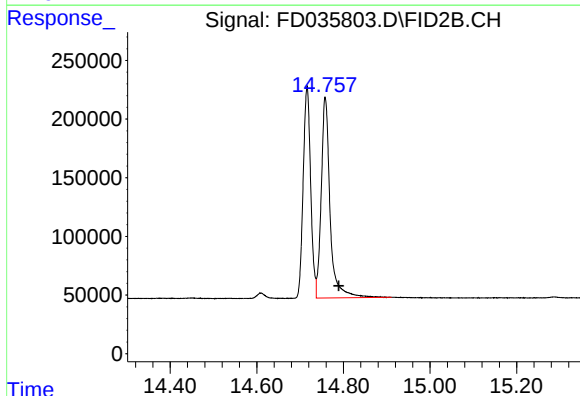
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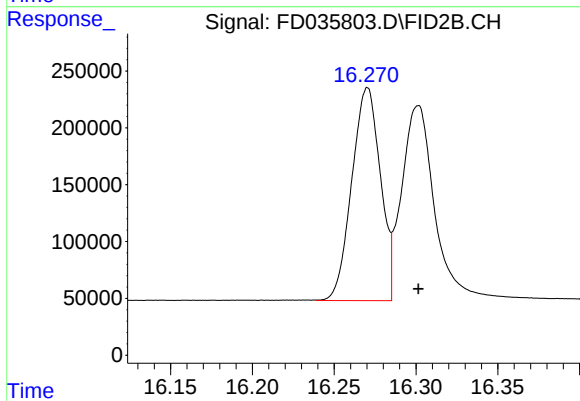
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.716 min
Delta R.T.: -0.031 min
Response: 2156470
Conc: 18.54 ug/ml m



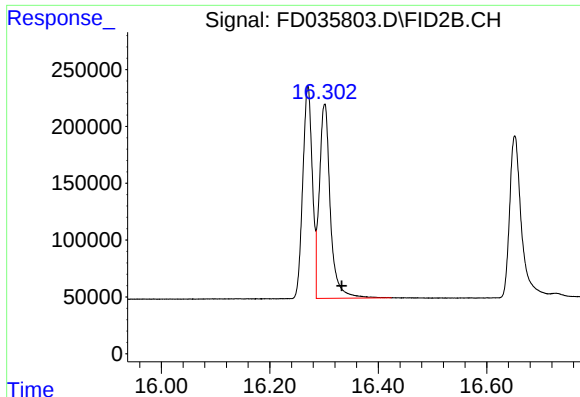
#15 Chrysene (C27.41)

R.T.: 14.758 min
Delta R.T.: -0.031 min
Response: 2439660
Conc: 19.08 ug/ml



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

R.T.: 16.270 min
Delta R.T.: -0.032 min
Response: 2301380
Conc: 21.28 ug/ml m



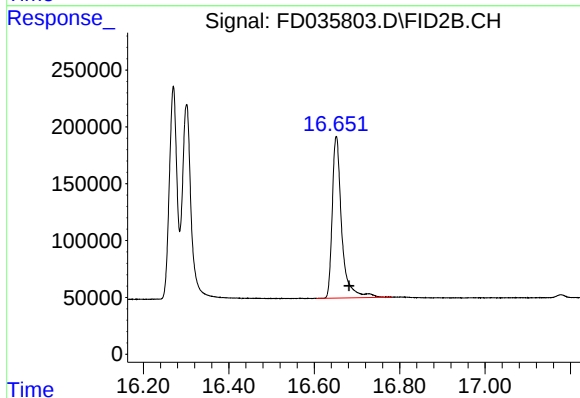
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.301 min
Delta R.T.: -0.032 min
Response: 2411400
Conc: 21.73 ug/ml

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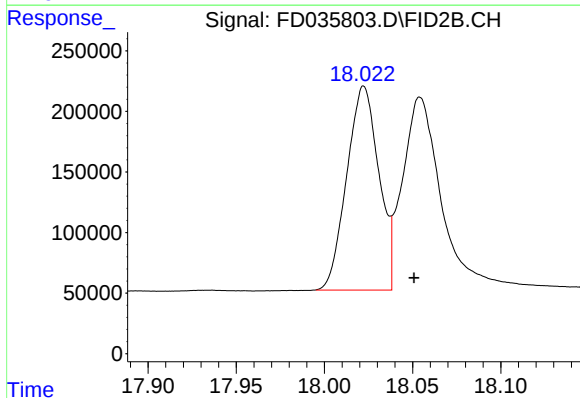
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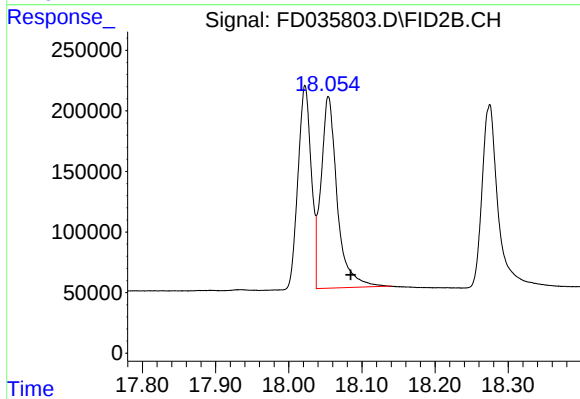
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.652 min
Delta R.T.: -0.030 min
Response: 2194966
Conc: 22.26 ug/ml



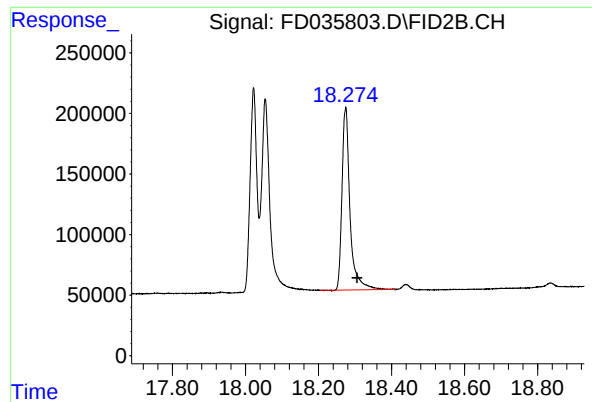
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.022 min
Delta R.T.: -0.029 min
Response: 2147157
Conc: 22.20 ug/ml m



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

R.T.: 18.054 min
Delta R.T.: -0.031 min
Response: 2425573
Conc: 23.51 ug/ml m



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

R.T.: 18.274 min
Delta R.T.: -0.031 min
Response: 2302283
Conc: 23.25 ug/ml

Instrument :
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