

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061422AR\
 Data File : FD042895.D
 Signal(s) : FID2B.CH
 Acq On : 14 Jun 2022 12:50
 Operator : UA/NP
 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

Reviewed By :Yogesh Patel 06/15/2022
 Supervised By :Ankita Jodhani 06/15/2022

Integration File: sample.E
 Quant Time: Jun 15 01:47:59 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052722.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 01 10:34:31 2022
 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...	7.659	2973646	19.460 ug/ml
Spiked Amount 50.000		Recovery =	38.92%
6) S 2-Fluorobiphenyl (SURR)	8.524	1934998	18.815 ug/mlm
Spiked Amount 50.000 Range 0 - 131		Recovery =	37.63%
11) S ortho-Terphenyl (SURR)	11.572	3225942	18.172 ug/ml
Spiked Amount 50.000		Recovery =	36.34%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.450	3406134	20.344 ug/ml
2) T Naphthalene (C11.7)	5.993	3448291	19.944 ug/ml
3) T 2-Methylnaphthalene (...)	7.048	3123031	19.584 ug/ml
5) T Acenaphthylene (C15.06)	8.327	3251004	18.817 ug/ml
7) T Acenaphthene (C15.5)	8.623	3253604	18.909 ug/ml
8) T Flouorene (C16.55)	9.406	3128110	18.633 ug/ml
9) T Phenanthrene (C19.36)	10.805	2937454	17.863 ug/ml
10) T Anthracene (C19.43)	10.879	2792555	18.271 ug/ml
12) T Fluoranthene (C21.85)	12.619	2705161	17.171 ug/ml
13) T Pyrene (C20.8)	12.916	2657864	17.072 ug/ml
14) T Benzo[a]anthracene (C...	14.789	2501351	18.760 ug/ml
15) T Chrysene (C27.41)	14.832	2474777	18.732 ug/ml
16) T benzo[b]fluoranthene ...	16.343	2660843	19.974 ug/ml
17) T Bnezo[k]fluoranthene ...	16.375	2509709	20.263 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.722	2547412	20.582 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.088	2386692	21.413 ug/ml
20) T Dibenz[a,h]anthracene...	18.129	2475000	22.250 ug/ml
21) T Benzo[g,h,i]perylene ...	18.344	2545402	21.416 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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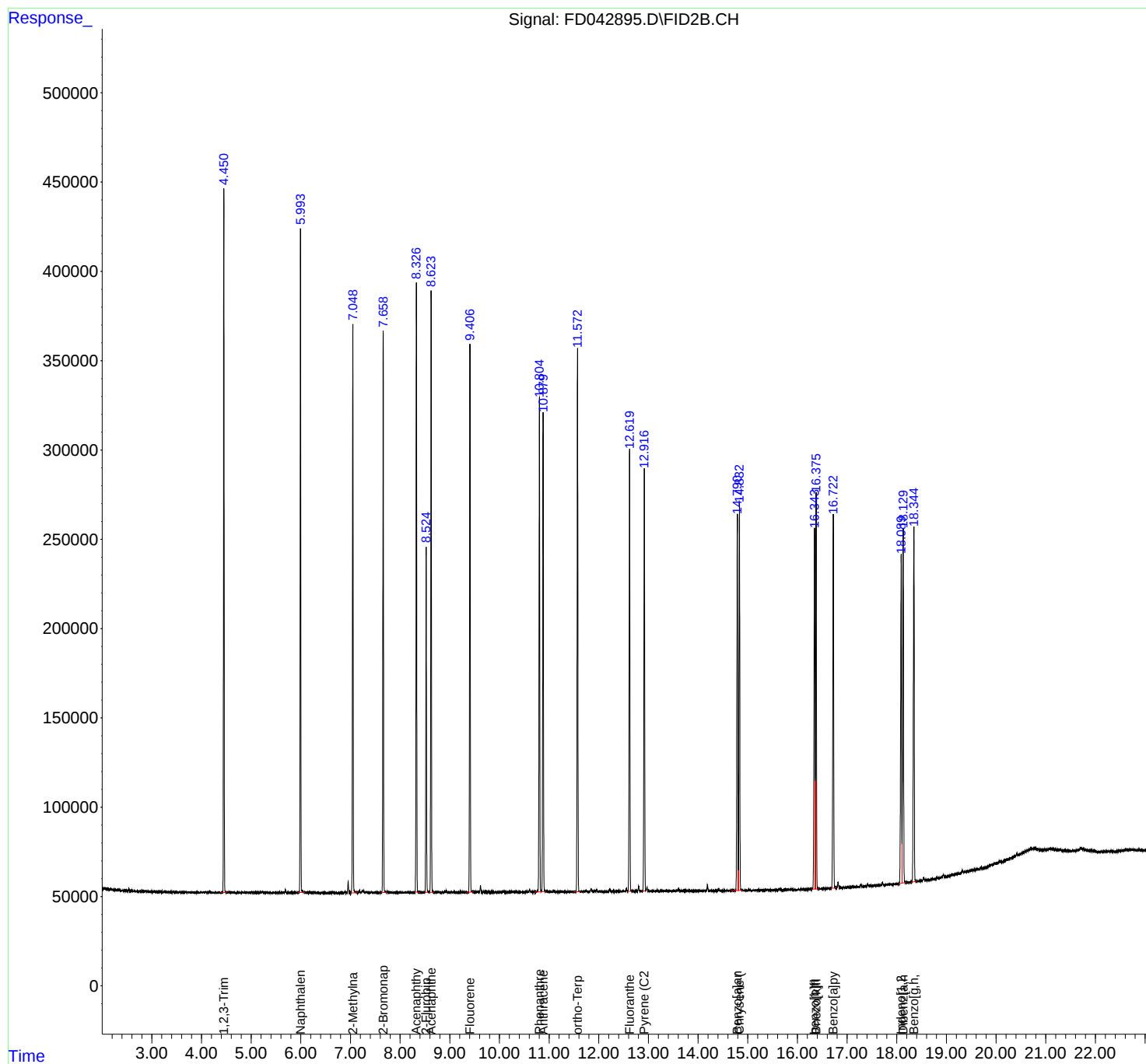
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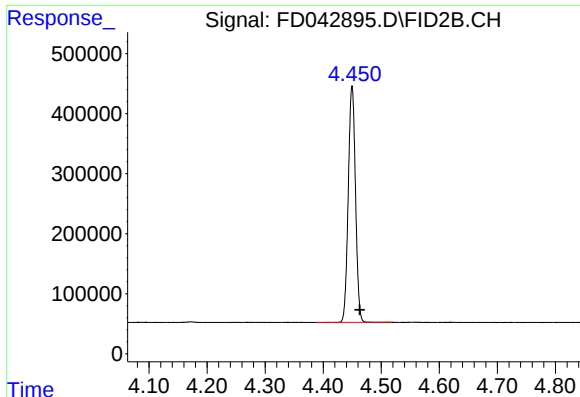
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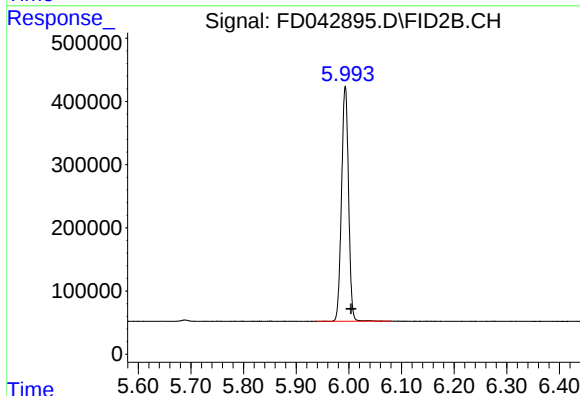
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.450 min
Delta R.T.: -0.013 min
Response: 3406134
Conc: 20.34 ug/ml

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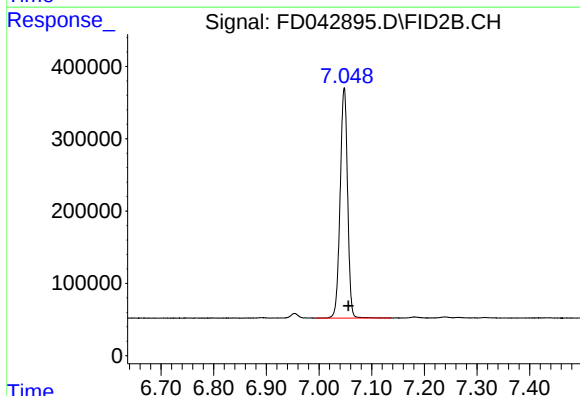
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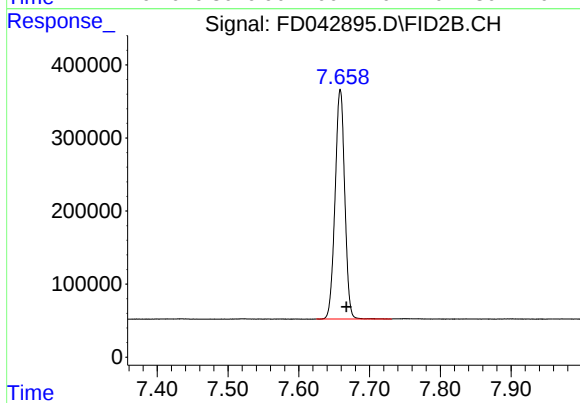
#2 Naphthalene (C11.7)

R.T.: 5.993 min
Delta R.T.: -0.011 min
Response: 3448291
Conc: 19.94 ug/ml



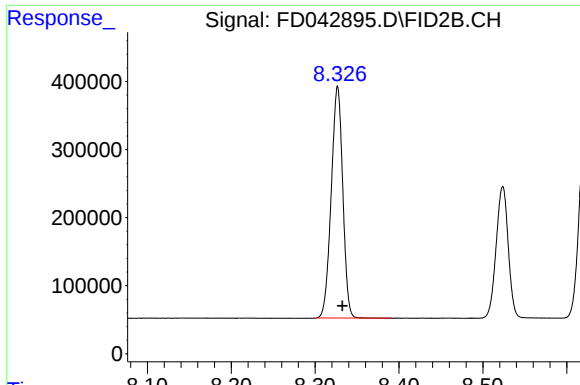
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.048 min
Delta R.T.: -0.008 min
Response: 3123031
Conc: 19.58 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.659 min
Delta R.T.: -0.009 min
Response: 2973646
Conc: 19.46 ug/ml



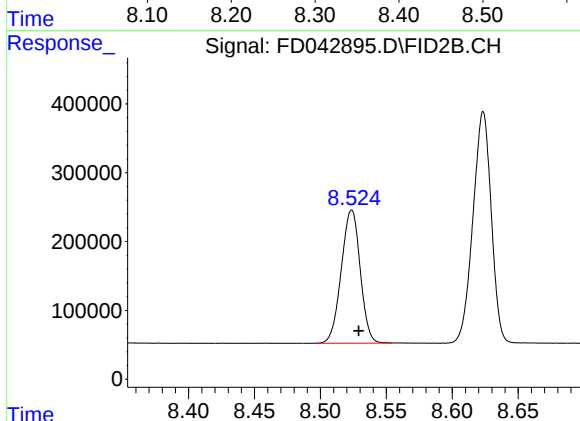
#5 Acenaphthylene (C15.06)

R.T.: 8.327 min
Delta R.T.: -0.006 min
Response: 3251004
Conc: 18.82 ug/ml

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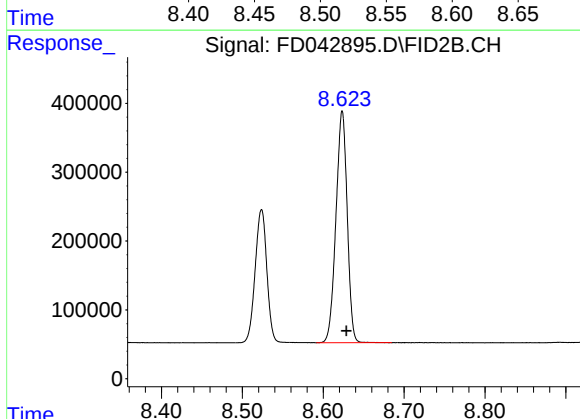
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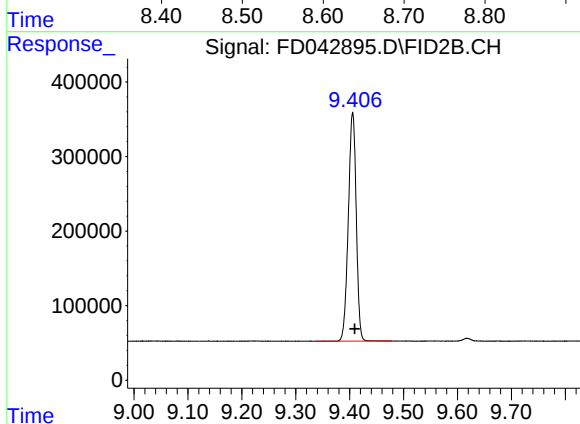
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.524 min
Delta R.T.: -0.006 min
Response: 1934998
Conc: 18.81 ug/ml m



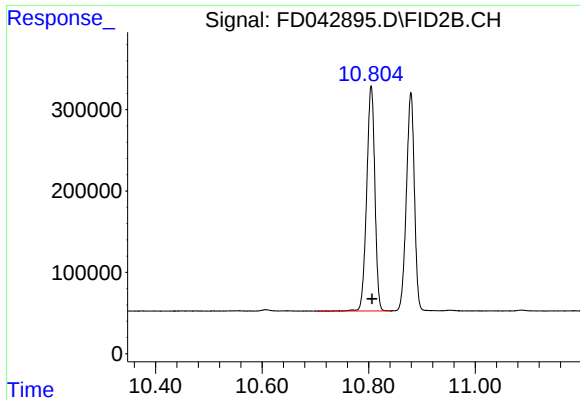
#7 Acenaphthene (C15.5)

R.T.: 8.623 min
Delta R.T.: -0.005 min
Response: 3253604
Conc: 18.91 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.406 min
Delta R.T.: -0.004 min
Response: 3128110
Conc: 18.63 ug/ml



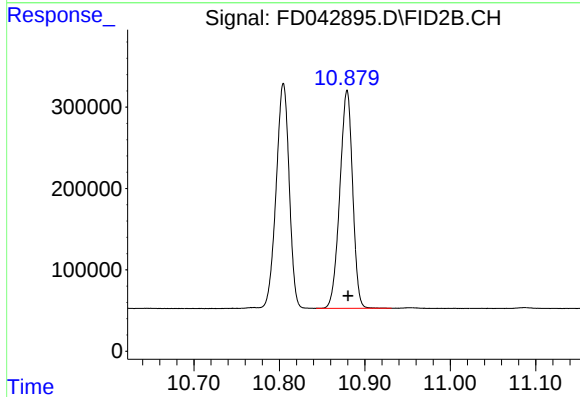
#9 Phenanthrene (C19.36)

R.T.: 10.805 min
Delta R.T.: -0.002 min
Response: 2937454
Conc: 17.86 ug/ml

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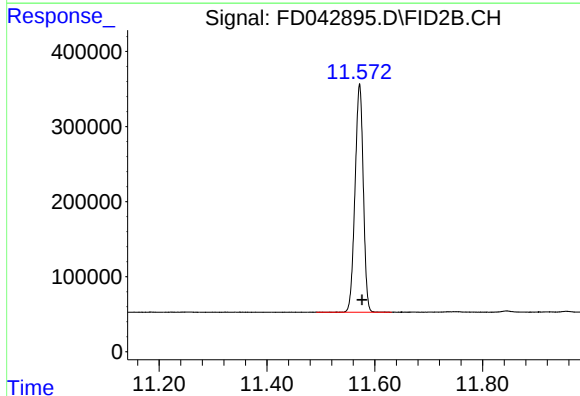
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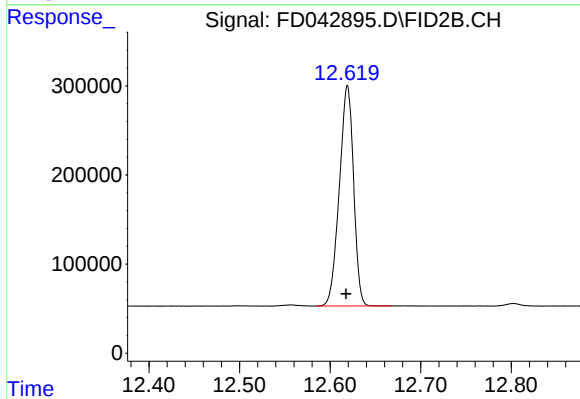
#10 Anthracene (C19.43)

R.T.: 10.879 min
Delta R.T.: -0.001 min
Response: 2792555
Conc: 18.27 ug/ml



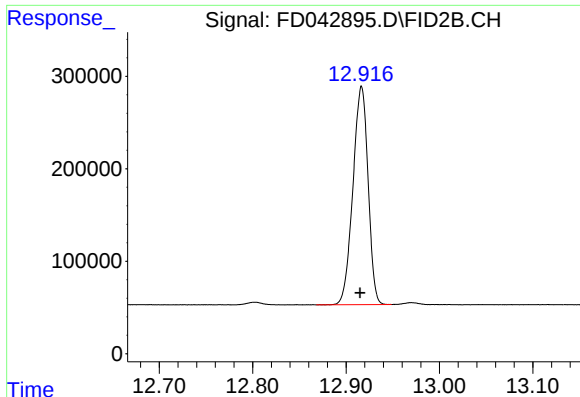
#11 ortho-Terphenyl (SURR)

R.T.: 11.572 min
Delta R.T.: -0.005 min
Response: 3225942
Conc: 18.17 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.619 min
Delta R.T.: 0.002 min
Response: 2705161
Conc: 17.17 ug/ml



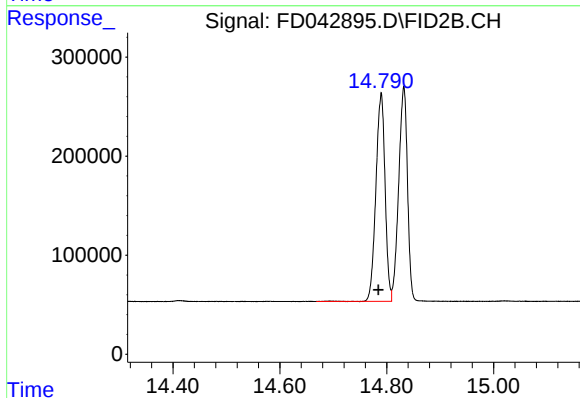
#13 Pyrene (C20.8)

R.T.: 12.916 min
Delta R.T.: 0.001 min
Response: 2657864
Conc: 17.07 ug/ml

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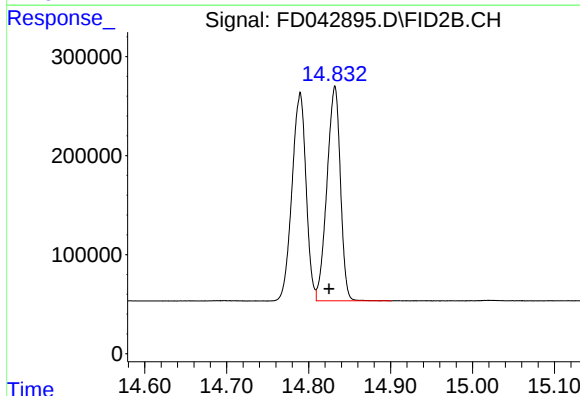
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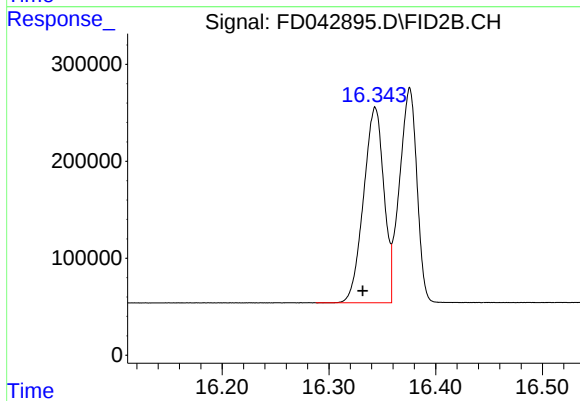
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.789 min
Delta R.T.: 0.005 min
Response: 2501351
Conc: 18.76 ug/ml



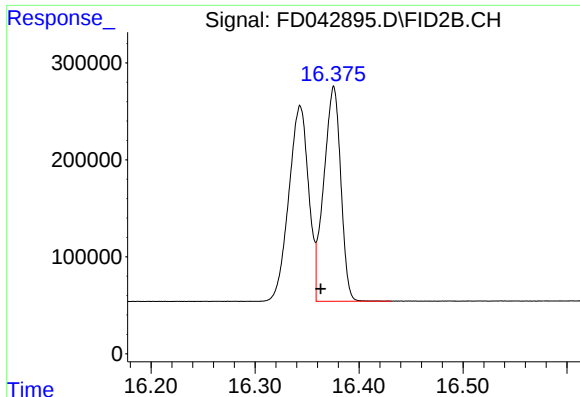
#15 Chrysene (C27.41)

R.T.: 14.832 min
Delta R.T.: 0.006 min
Response: 2474777
Conc: 18.73 ug/ml



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

R.T.: 16.343 min
Delta R.T.: 0.011 min
Response: 2660843
Conc: 19.97 ug/ml



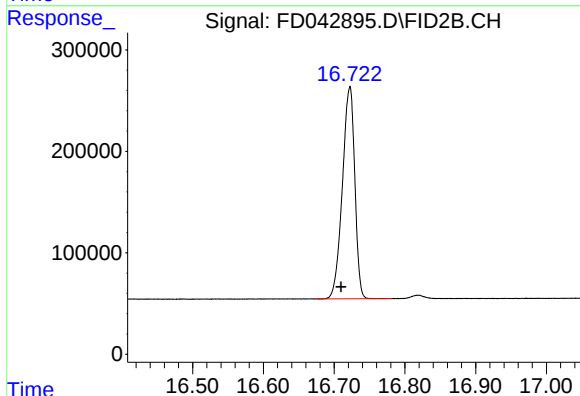
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.375 min
Delta R.T.: 0.012 min
Response: 2509709
Conc: 20.26 ug/ml

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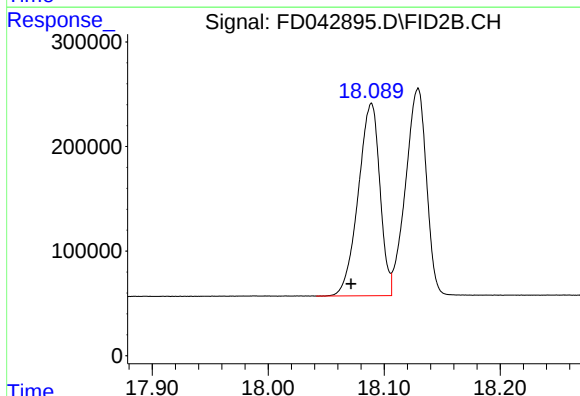
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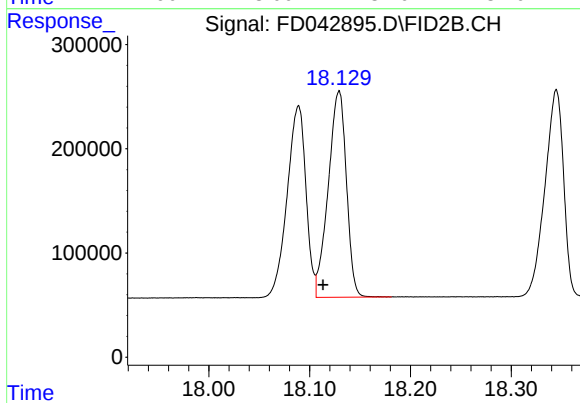
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.722 min
Delta R.T.: 0.012 min
Response: 2547412
Conc: 20.58 ug/ml



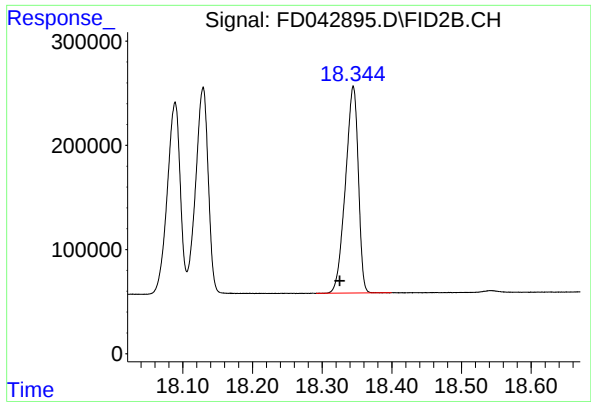
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.088 min
Delta R.T.: 0.017 min
Response: 2386692
Conc: 21.41 ug/ml



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

R.T.: 18.129 min
Delta R.T.: 0.015 min
Response: 2475000
Conc: 22.25 ug/ml



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

R.T.: 18.344 min
Delta R.T.: 0.019 min
Response: 2545402
Conc: 21.42 ug/ml

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