

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD060122AR\
 Data File : FD042716.D
 Signal(s) : FID2B.CH
 Acq On : 01 Jun 2022 11:54
 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 06/02/2022
 Supervised By :Ankita Jodhani 06/02/2022

Integration File: autoint1.e
 Quant Time: Jun 02 04:46:16 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...	7.668	3106582	20.330 ug/ml
Spiked Amount 50.000		Recovery =	40.66%
6) S 2-Fluorobiphenyl (SURR)	8.532	2074314	20.169 ug/mlm
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.34%
11) S ortho-Terphenyl (SURR)	11.580	3502267	19.729 ug/ml
Spiked Amount 50.000		Recovery =	39.46%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.460	3532108	21.096 ug/ml
2) T Naphthalene (C11.7)	6.003	3686125	21.320 ug/ml
3) T 2-Methylnaphthalene (...)	7.057	3347394	20.991 ug/ml
5) T Acenaphthylene (C15.06)	8.335	3403549	19.700 ug/mlm
7) T Acenaphthene (C15.5)	8.631	3392299	19.715 ug/mlm
8) T Flouorene (C16.55)	9.414	3403855	20.275 ug/ml
9) T Phenanthrene (C19.36)	10.812	3213476	19.542 ug/ml
10) T Anthracene (C19.43)	10.886	2968698	19.423 ug/ml
12) T Fluoranthene (C21.85)	12.625	2923067	18.554 ug/ml
13) T Pyrene (C20.8)	12.923	2859589	18.367 ug/ml
14) T Benzo[a]anthracene (C...	14.796	2651156	19.884 ug/ml
15) T Chrysene (C27.41)	14.838	2678624	20.274 ug/ml
16) T benzo[b]fluoranthene ...	16.348	2738923	20.560 ug/ml
17) T Bnezo[k]fluoranthene ...	16.380	2602190	21.010 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.725	2582684	20.867 ug/mlm
19) T Indeno[1,2,3-cd]pyren...	18.094	2426677	21.771 ug/mlm
20) T Dibenz[a,h]anthracene...	18.135	2662446	23.935 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.348	2556767	21.511 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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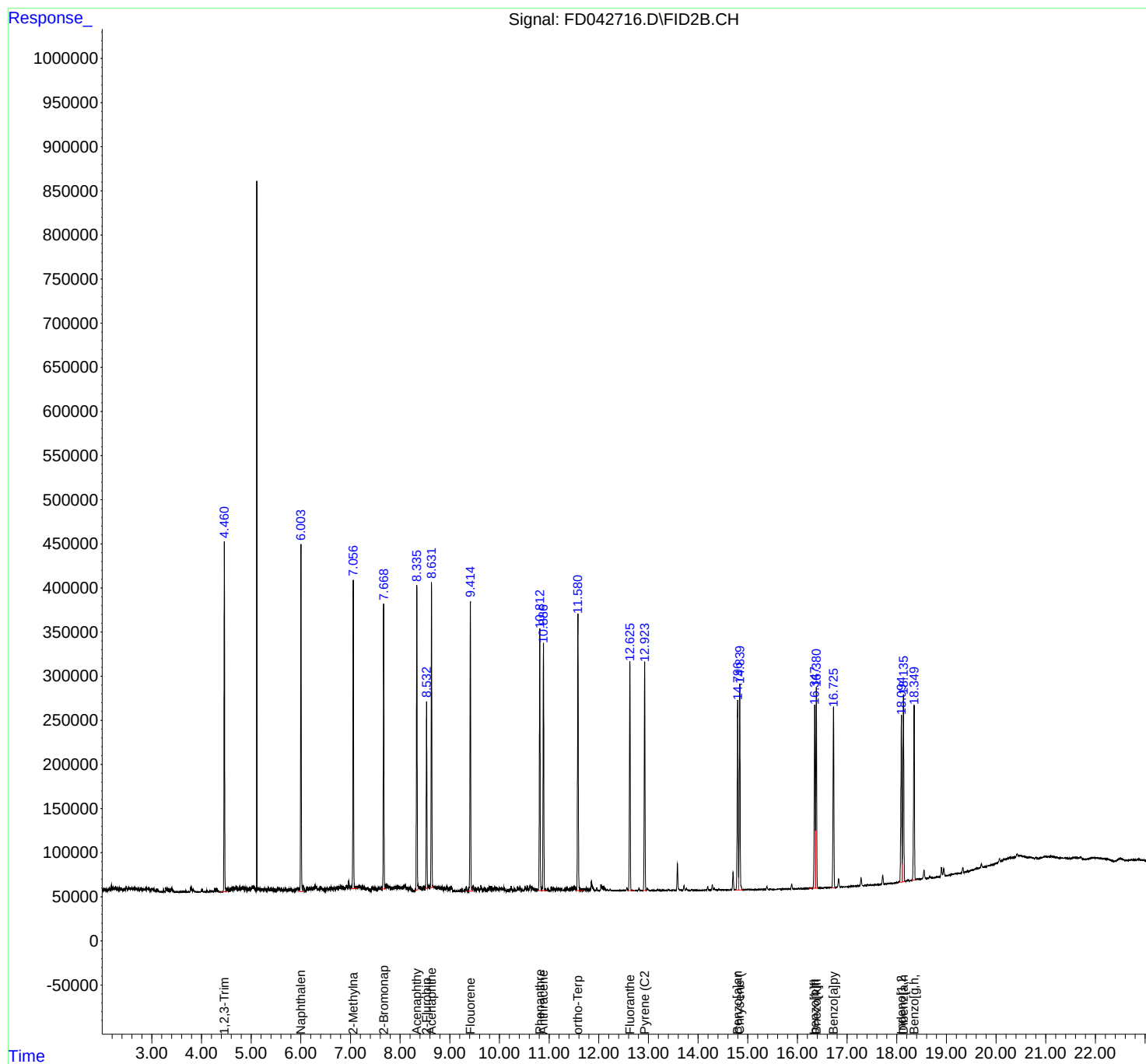
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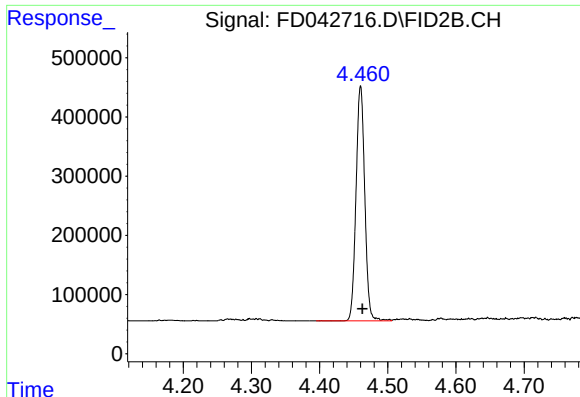
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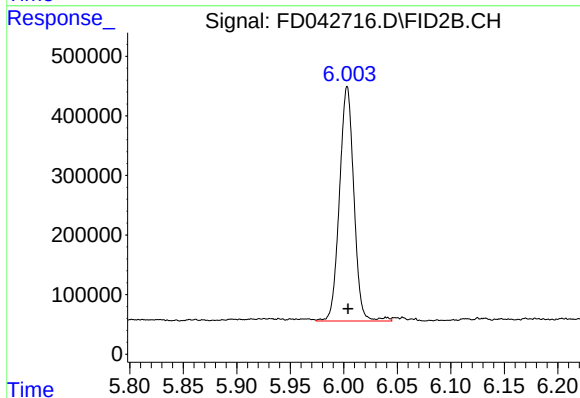
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.460 min
Delta R.T.: -0.003 min
Response: 3532108
Conc: 21.10 ug/ml

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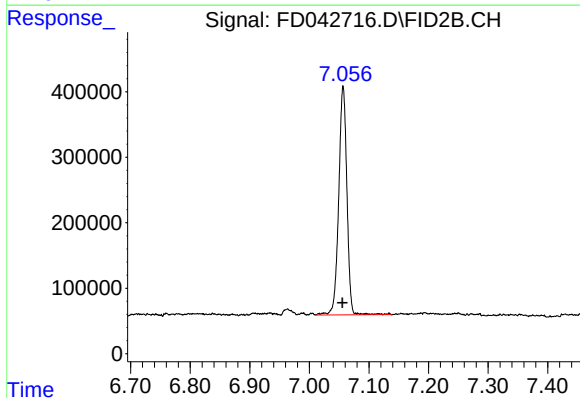
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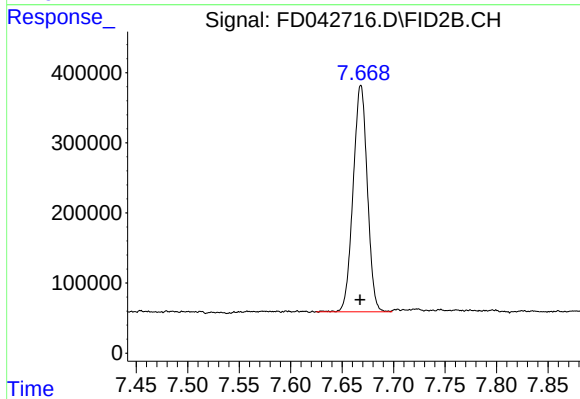
#2 Naphthalene (C11.7)

R.T.: 6.003 min
Delta R.T.: 0.000 min
Response: 3686125
Conc: 21.32 ug/ml



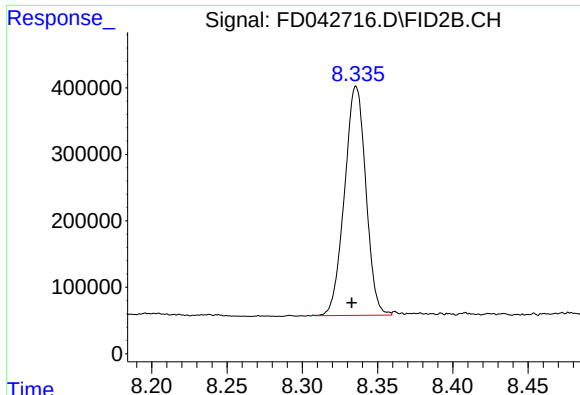
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.057 min
Delta R.T.: 0.000 min
Response: 3347394
Conc: 20.99 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.668 min
Delta R.T.: 0.000 min
Response: 3106582
Conc: 20.33 ug/ml



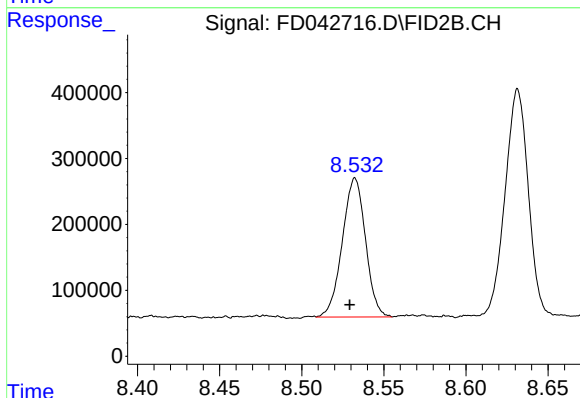
#5 Acenaphthylene (C15.06)

R.T.: 8.335 min
Delta R.T.: 0.002 min
Response: 3403549
Conc: 19.70 ug/ml

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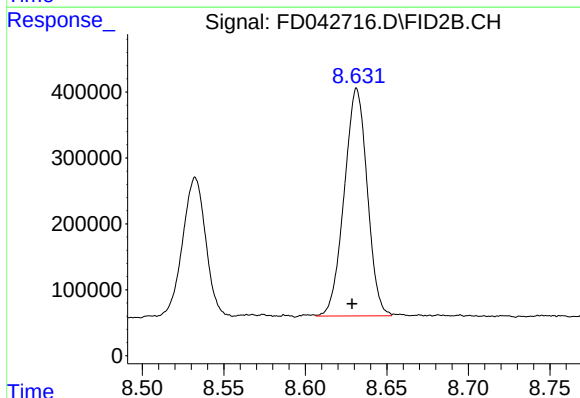
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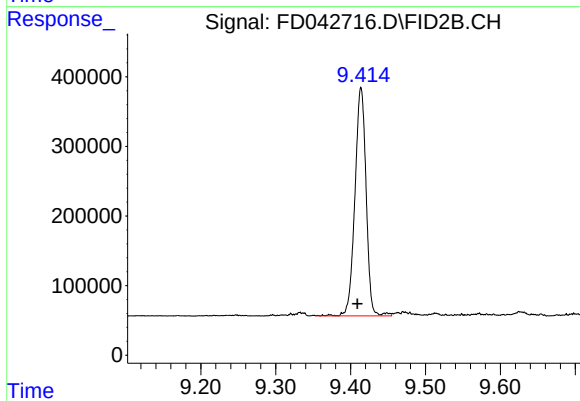
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.532 min
Delta R.T.: 0.003 min
Response: 2074314
Conc: 20.17 ug/ml m



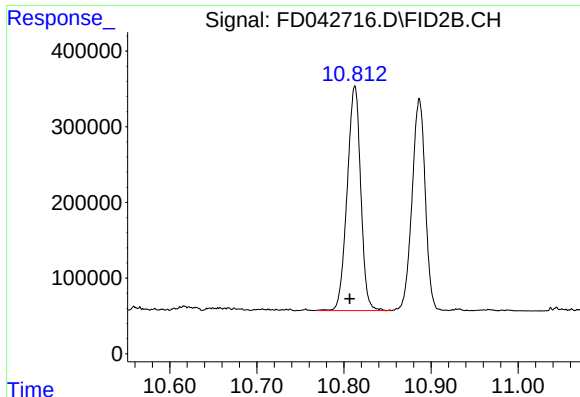
#7 Acenaphthene (C15.5)

R.T.: 8.631 min
Delta R.T.: 0.002 min
Response: 3392299
Conc: 19.71 ug/ml m



#8 Fluorene (C16.55)

R.T.: 9.414 min
Delta R.T.: 0.004 min
Response: 3403855
Conc: 20.28 ug/ml



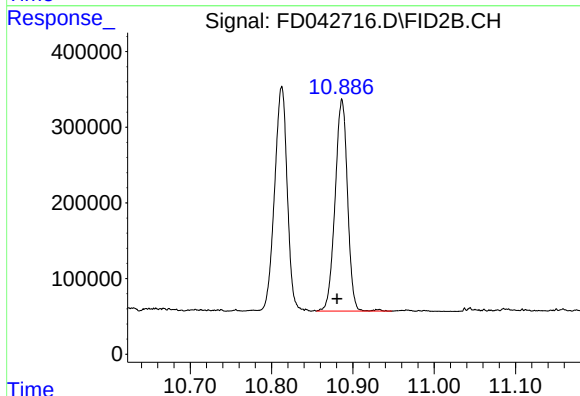
#9 Phenanthrene (C19.36)

R.T.: 10.812 min
Delta R.T.: 0.005 min
Response: 3213476
Conc: 19.54 ug/ml

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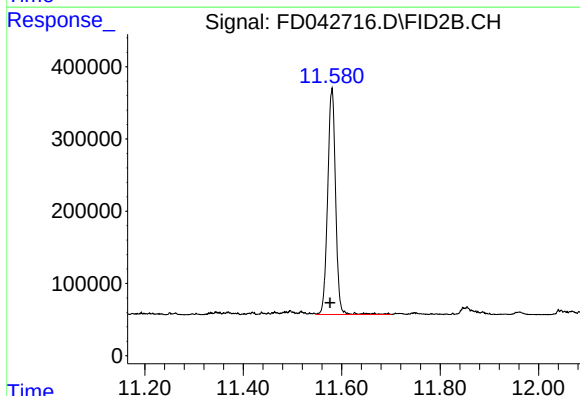
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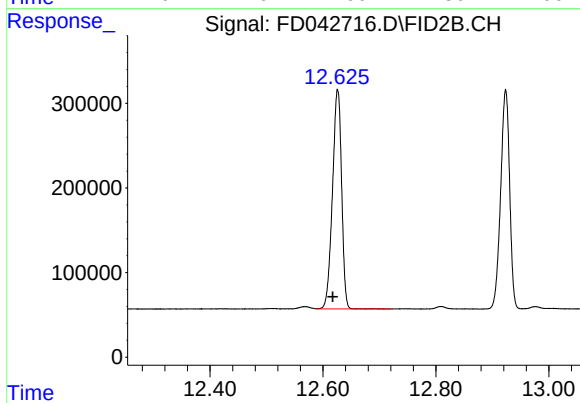
#10 Anthracene (C19.43)

R.T.: 10.886 min
Delta R.T.: 0.006 min
Response: 2968698
Conc: 19.42 ug/ml



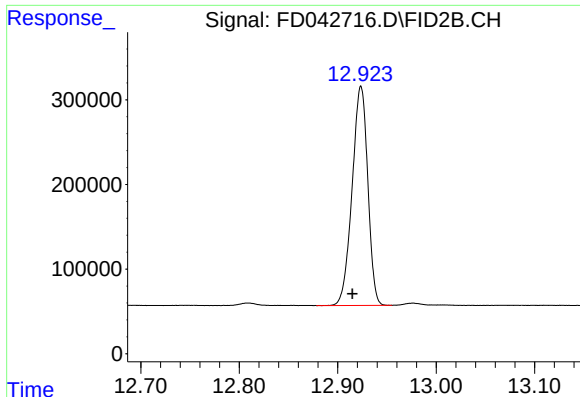
#11 ortho-Terphenyl (SURR)

R.T.: 11.580 min
Delta R.T.: 0.004 min
Response: 3502267
Conc: 19.73 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.625 min
Delta R.T.: 0.008 min
Response: 2923067
Conc: 18.55 ug/ml



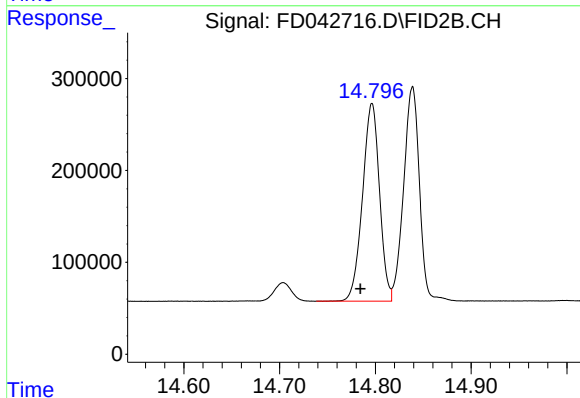
#13 Pyrene (C20.8)

R.T.: 12.923 min
Delta R.T.: 0.008 min
Response: 2859589
Conc: 18.37 ug/ml

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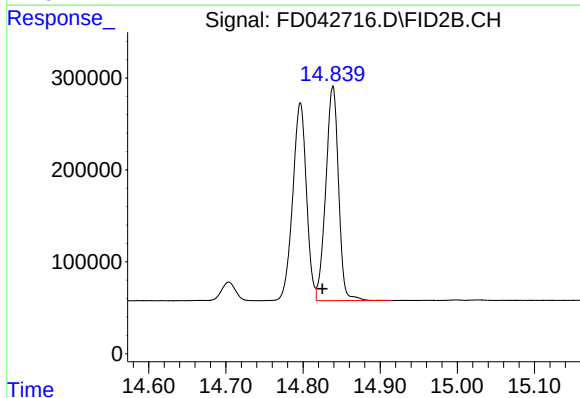
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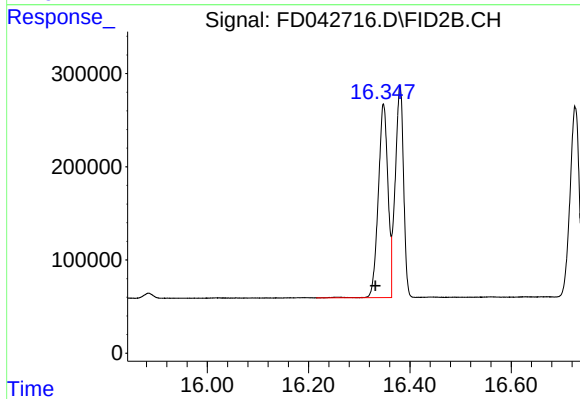
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.796 min
Delta R.T.: 0.012 min
Response: 2651156
Conc: 19.88 ug/ml



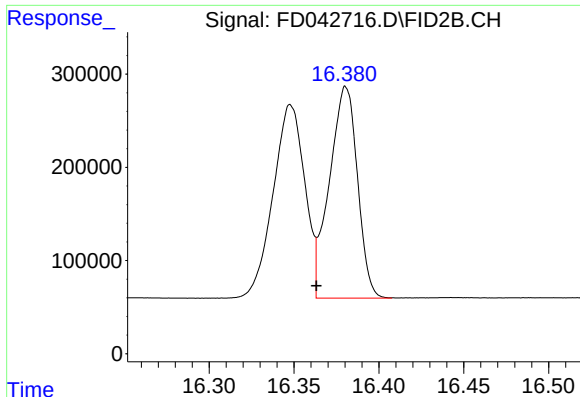
#15 Chrysene (C27.41)

R.T.: 14.838 min
Delta R.T.: 0.013 min
Response: 2678624
Conc: 20.27 ug/ml



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

R.T.: 16.348 min
Delta R.T.: 0.016 min
Response: 2738923
Conc: 20.56 ug/ml



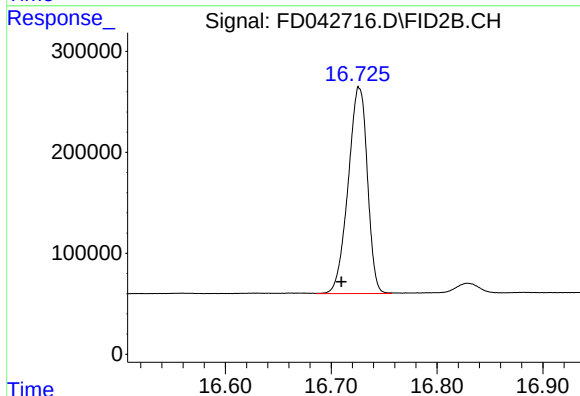
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.380 min
Delta R.T.: 0.017 min
Response: 2602190
Conc: 21.01 ug/ml

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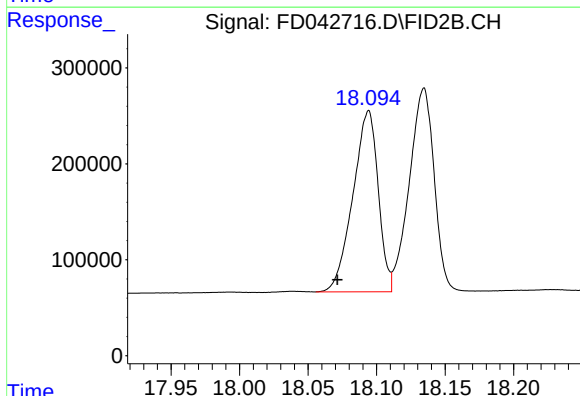
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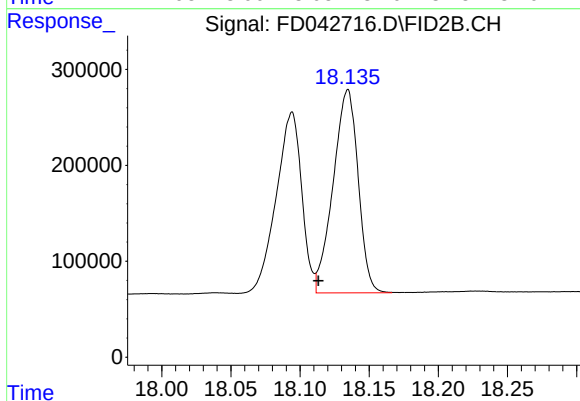
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.725 min
Delta R.T.: 0.015 min
Response: 2582684
Conc: 20.87 ug/ml m



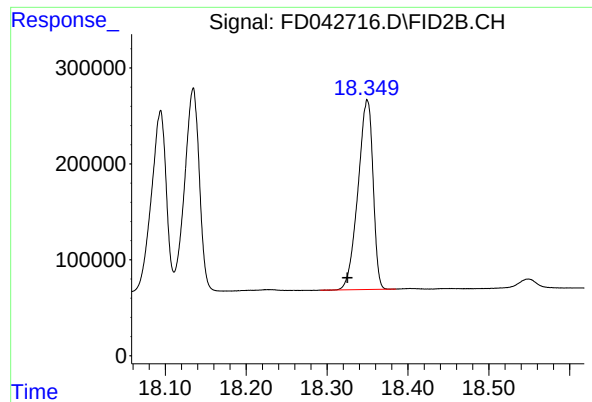
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.094 min
Delta R.T.: 0.023 min
Response: 2426677
Conc: 21.77 ug/ml m



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

R.T.: 18.135 min
Delta R.T.: 0.021 min
Response: 2662446
Conc: 23.94 ug/ml m



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

R.T.: 18.348 min
Delta R.T.: 0.023 min
Response: 2556767
Conc: 21.51 ug/ml

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