

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD053122AR\
 Data File : FD042684.D
 Signal(s) : FID2B.CH
 Acq On : 31 May 2022 11:58
 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 06/01/2022
 Supervised By :Ankita Jodhani 06/01/2022

Integration File: autoint1.e
 Quant Time: Jun 01 02:21:42 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052722.M
 Quant Title : GC Extractables
 QLast Update : Fri May 27 19:32:22 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...	7.667	3114438	20.381 ug/ml
Spiked Amount 50.000		Recovery =	40.76%
6) S 2-Fluorobiphenyl (SURR)	8.530	2098384	20.403 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.81%
11) S ortho-Terphenyl (SURR)	11.579	3601204	20.286 ug/ml
Spiked Amount 50.000		Recovery =	40.57%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.460	3399009	20.301 ug/ml
2) T Naphthalene (C11.7)	6.002	3508678	20.294 ug/ml
3) T 2-Methylnaphthalene (...)	7.055	3243043	20.337 ug/ml
5) T Acenaphthylene (C15.06)	8.334	3485681	20.175 ug/ml
7) T Acenaphthene (C15.5)	8.630	3503316	20.360 ug/ml
8) T Flouorene (C16.55)	9.411	3418854	20.365 ug/ml
9) T Phenanthrene (C19.36)	10.810	3331913	20.262 ug/mlm
10) T Anthracene (C19.43)	10.884	3055928	19.994 ug/ml
12) T Fluoranthene (C21.85)	12.624	3232015	20.515 ug/ml
13) T Pyrene (C20.8)	12.922	3192393	20.505 ug/ml
14) T Benzo[a]anthracene (C...	14.793	2765216	20.739 ug/ml
15) T Chrysene (C27.41)	14.836	2746532	20.788 ug/ml
16) T benzo[b]fluoranthene ...	16.344	2734509	20.527 ug/ml
17) T Bnezo[k]fluoranthene ...	16.377	2565460	20.713 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.723	2519498	20.356 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.086	2285643	20.506 ug/ml
20) T Dibenz[a,h]anthracene...	18.128	2378202	21.380 ug/ml
21) T Benzo[g,h,i]perylene ...	18.342	2432973	20.470 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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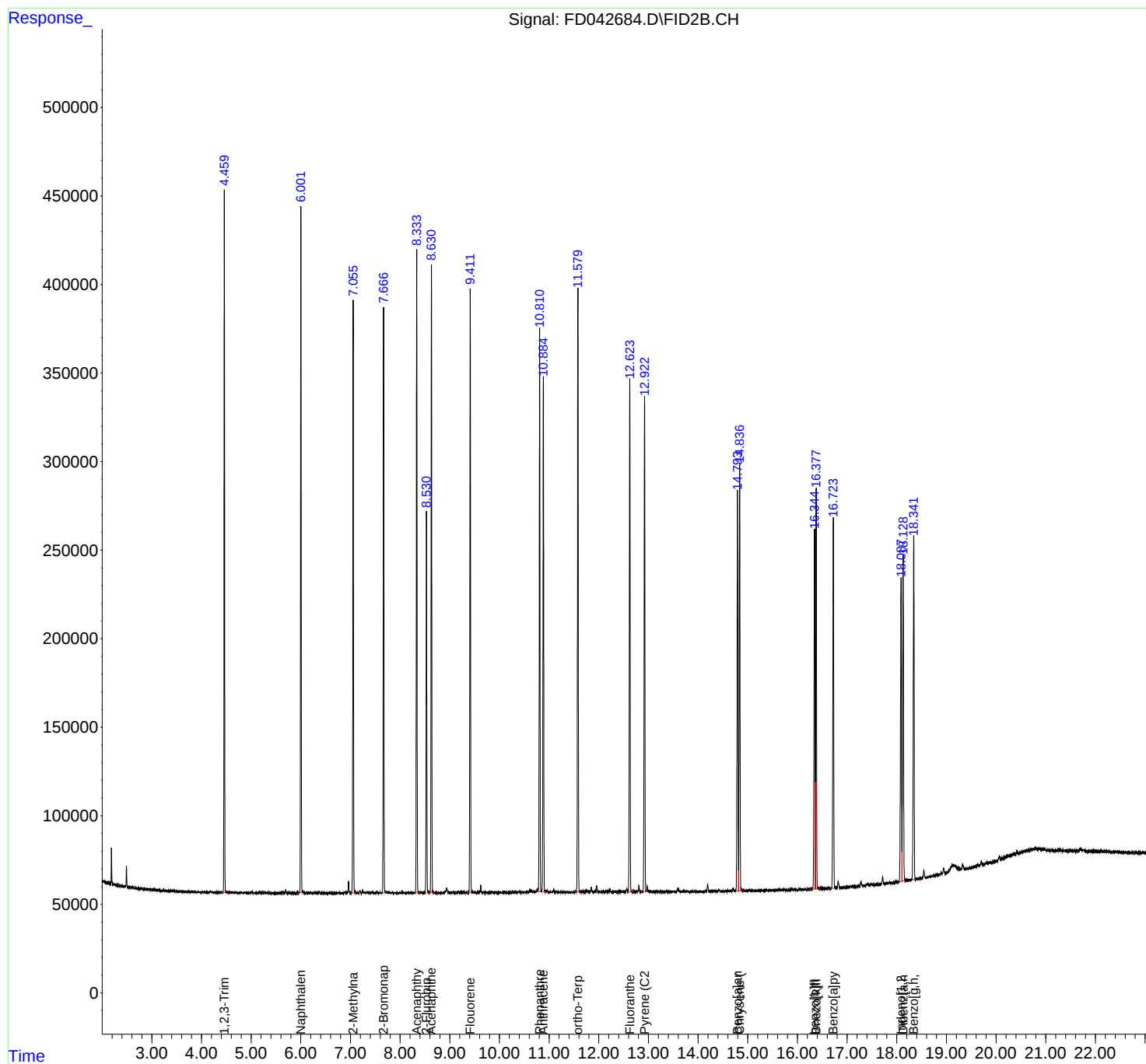
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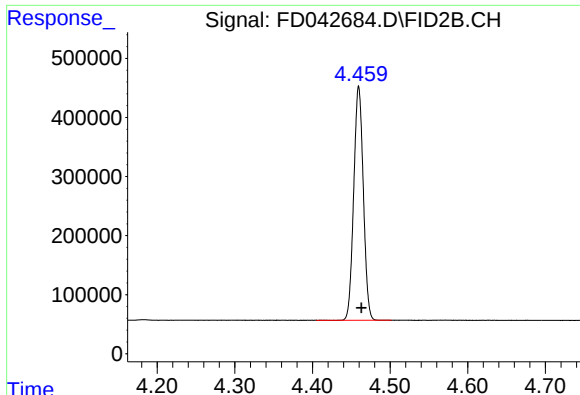
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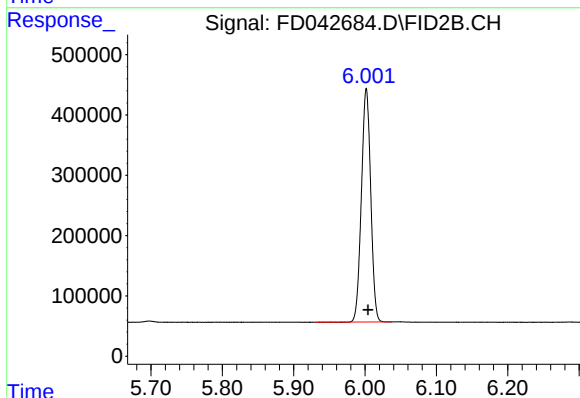
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.460 min
Delta R.T.: -0.003 min
Response: 3399009
Conc: 20.30 ug/ml

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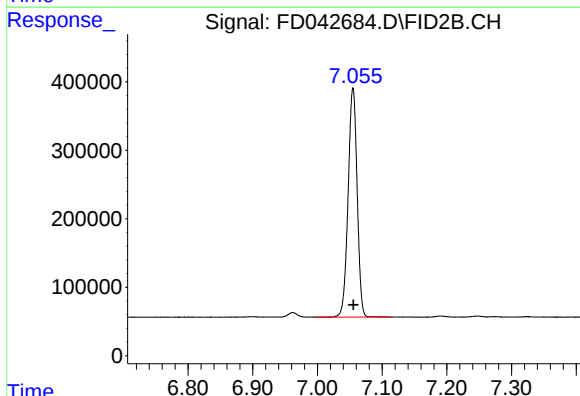
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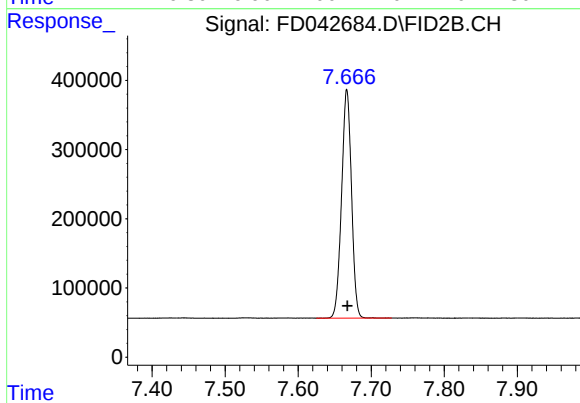
#2 Naphthalene (C11.7)

R.T.: 6.002 min
Delta R.T.: -0.002 min
Response: 3508678
Conc: 20.29 ug/ml



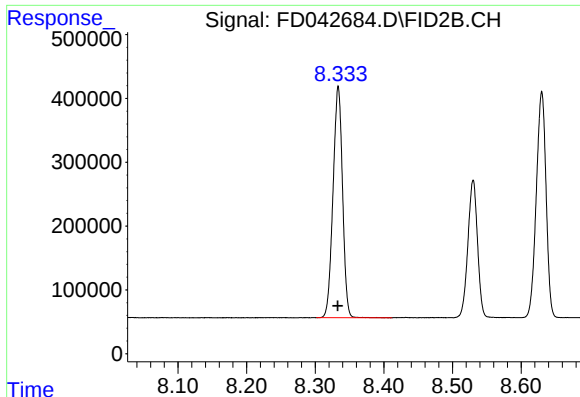
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.055 min
Delta R.T.: 0.000 min
Response: 3243043
Conc: 20.34 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.667 min
Delta R.T.: 0.000 min
Response: 3114438
Conc: 20.38 ug/ml



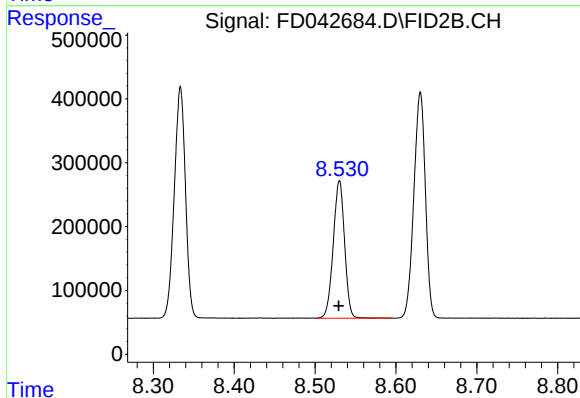
#5 Acenaphthylene (C15.06)

R.T.: 8.334 min
Delta R.T.: 0.000 min
Response: 3485681
Conc: 20.17 ug/ml

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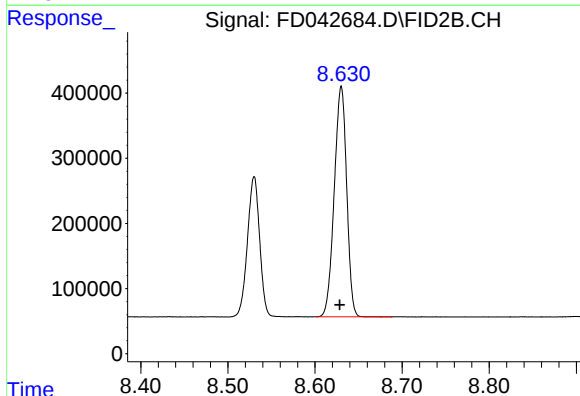
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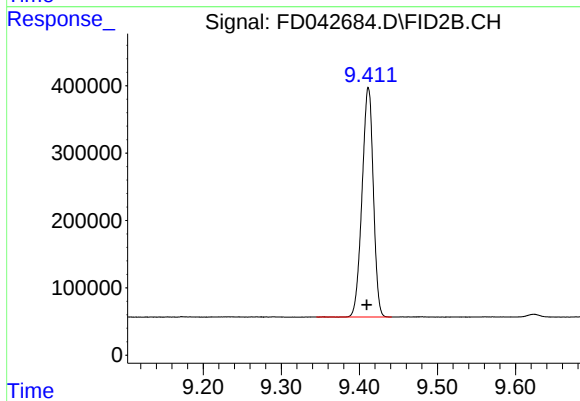
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.530 min
Delta R.T.: 0.000 min
Response: 2098384
Conc: 20.40 ug/ml



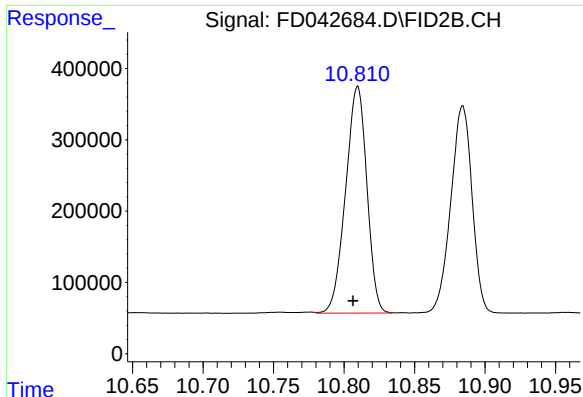
#7 Acenaphthene (C15.5)

R.T.: 8.630 min
Delta R.T.: 0.001 min
Response: 3503316
Conc: 20.36 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.411 min
Delta R.T.: 0.002 min
Response: 3418854
Conc: 20.36 ug/ml



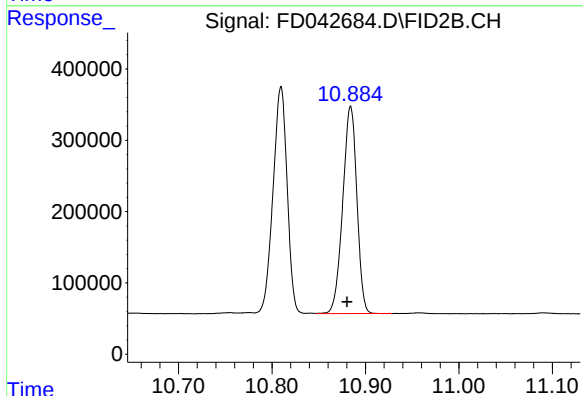
#9 Phenanthrene (C19.36)

R.T.: 10.810 min
Delta R.T.: 0.003 min
Response: 3331913
Conc: 20.26 ug/ml

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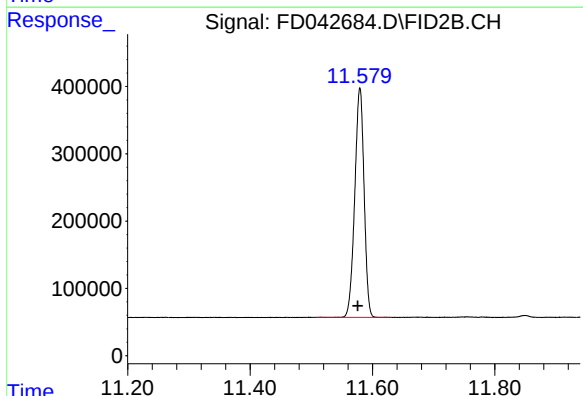
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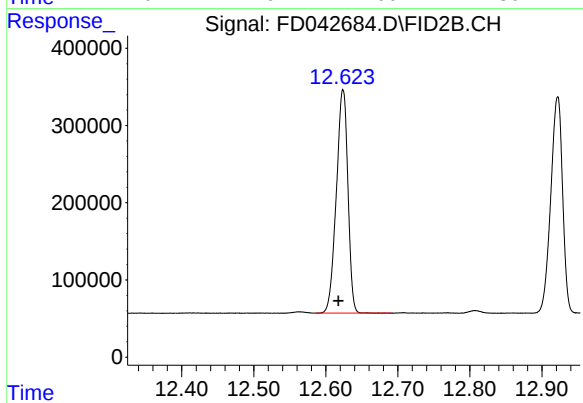
#10 Anthracene (C19.43)

R.T.: 10.884 min
Delta R.T.: 0.004 min
Response: 3055928
Conc: 19.99 ug/ml



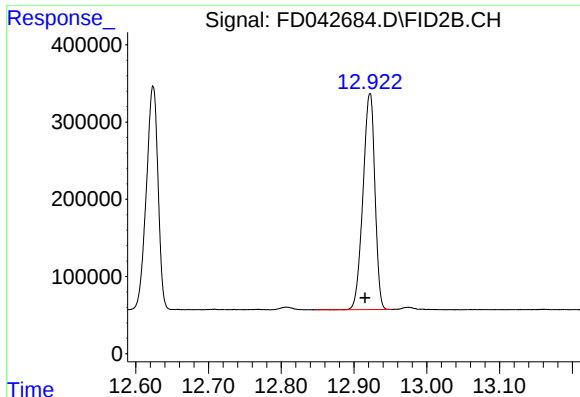
#11 ortho-Terphenyl (SURR)

R.T.: 11.579 min
Delta R.T.: 0.003 min
Response: 3601204
Conc: 20.29 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.624 min
Delta R.T.: 0.006 min
Response: 3232015
Conc: 20.51 ug/ml



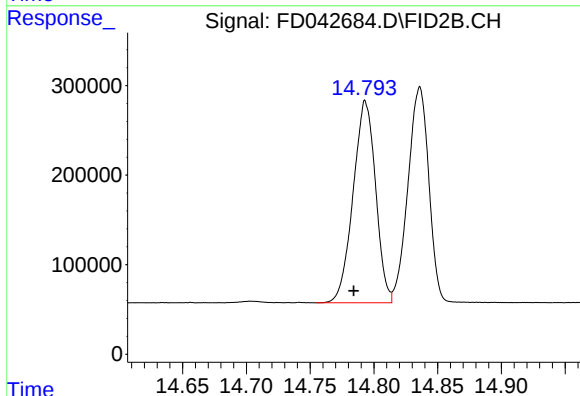
#13 Pyrene (C20.8)

R.T.: 12.922 min
Delta R.T.: 0.007 min
Response: 3192393
Conc: 20.51 ug/ml

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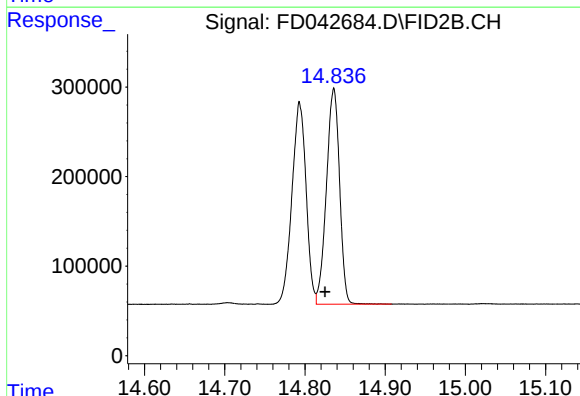
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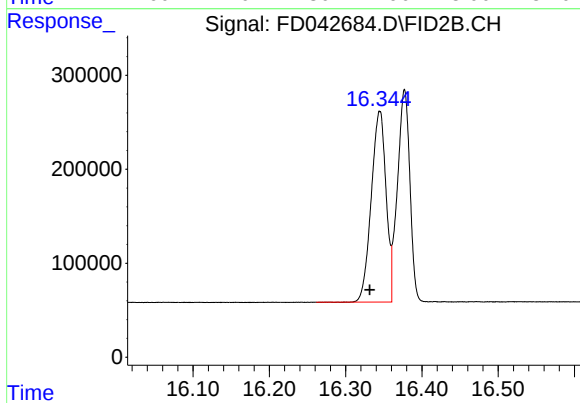
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.793 min
Delta R.T.: 0.009 min
Response: 2765216
Conc: 20.74 ug/ml



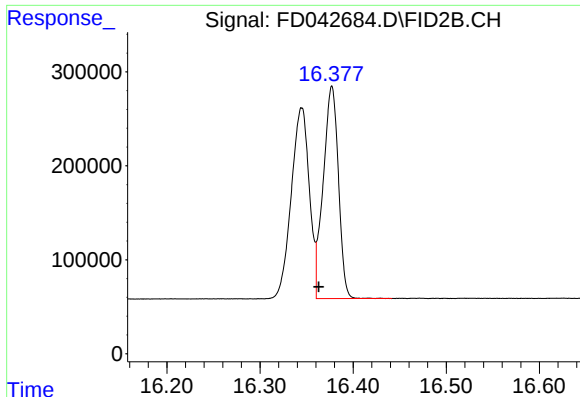
#15 Chrysene (C27.41)

R.T.: 14.836 min
Delta R.T.: 0.011 min
Response: 2746532
Conc: 20.79 ug/ml



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

R.T.: 16.344 min
Delta R.T.: 0.013 min
Response: 2734509
Conc: 20.53 ug/ml



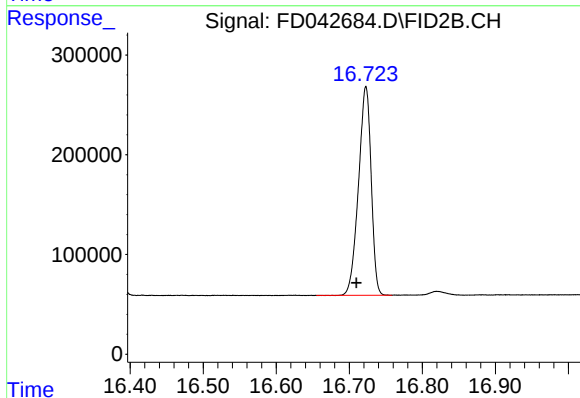
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.377 min
Delta R.T.: 0.014 min
Response: 2565460
Conc: 20.71 ug/ml

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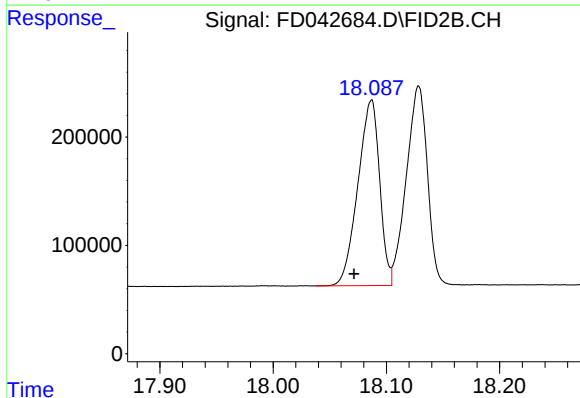
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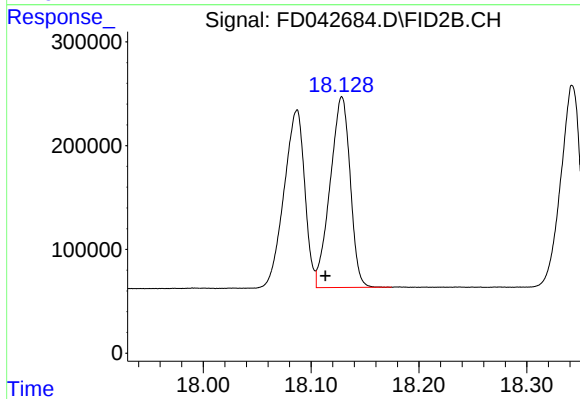
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.723 min
Delta R.T.: 0.013 min
Response: 2519498
Conc: 20.36 ug/ml



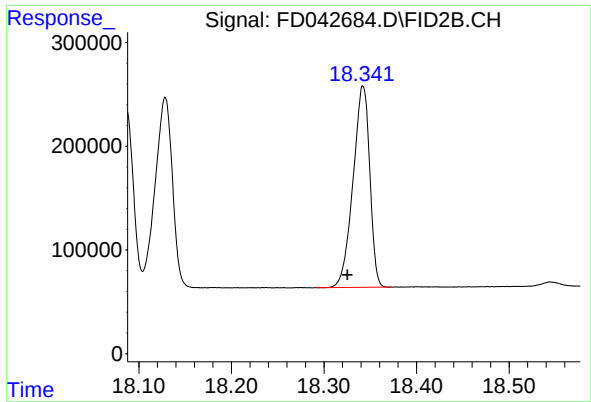
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.086 min
Delta R.T.: 0.015 min
Response: 2285643
Conc: 20.51 ug/ml



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

R.T.: 18.128 min
Delta R.T.: 0.015 min
Response: 2378202
Conc: 21.38 ug/ml



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

R.T.: 18.342 min
Delta R.T.: 0.017 min
Response: 2432973
Conc: 20.47 ug/ml

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