

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062822AR\
 Data File : FD043100.D
 Signal(s) : FID2B.ch
 Acq On : 29 Jun 2022 01:11
 Operator : YP/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

Reviewed By :Yogesh Patel 06/29/2022
 Supervised By :Ankita Jodhani 06/29/2022

Integration File: autoint1.e
 Quant Time: Jun 29 02:52:26 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 062422.M
 Quant Title : GC Extractables
 QLast Update : Sat Jun 25 04:47:50 2022
 Response via : Initial Calibration
 Integrator: ChemStation

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...	7.631	3291987	21.320 ug/ml
Spiked Amount 50.000		Recovery =	42.64%
6) S 2-Fluorobiphenyl (SURR)	8.494	2210326	20.956 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.91%
11) S ortho-Terphenyl (SURR)	11.538	3727392	20.508 ug/ml
Spiked Amount 50.000		Recovery =	41.02%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.429	3671687	21.862 ug/ml
2) T Naphthalene (C11.7)	5.968	3749978	21.420 ug/ml
3) T 2-Methylnaphthalene (...)	7.021	3423746	21.286 ug/ml
5) T Acenaphthylene (C15.06)	8.298	3660646	20.595 ug/ml
7) T Acenaphthene (C15.5)	8.594	3686766	21.054 ug/ml
8) T Flouorene (C16.55)	9.375	3614629	20.853 ug/ml
9) T Phenanthrene (C19.36)	10.772	3500915	20.412 ug/ml
10) T Anthracene (C19.43)	10.847	3321955	19.553 ug/ml
12) T Fluoranthene (C21.85)	12.585	3298932	19.670 ug/ml
13) T Pyrene (C20.8)	12.882	3213706	19.720 ug/mlm
14) T Benzo[a]anthracene (C...	14.754	3010853	19.387 ug/ml
15) T Chrysene (C27.41)	14.796	3075041	19.483 ug/ml
16) T benzo[b]fluoranthene ...	16.304	3041186	19.951 ug/ml
17) T Bnezo[k]fluoranthene ...	16.336	2949875	20.155 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.682	2946725	20.602 ug/mlm
19) T Indeno[1,2,3-cd]pyren...	18.047	2708004	21.640 ug/ml
20) T Dibenz[a,h]anthracene...	18.087	2984192	22.197 ug/ml
21) T Benzo[g,h,i]perylene ...	18.303	2949691	22.615 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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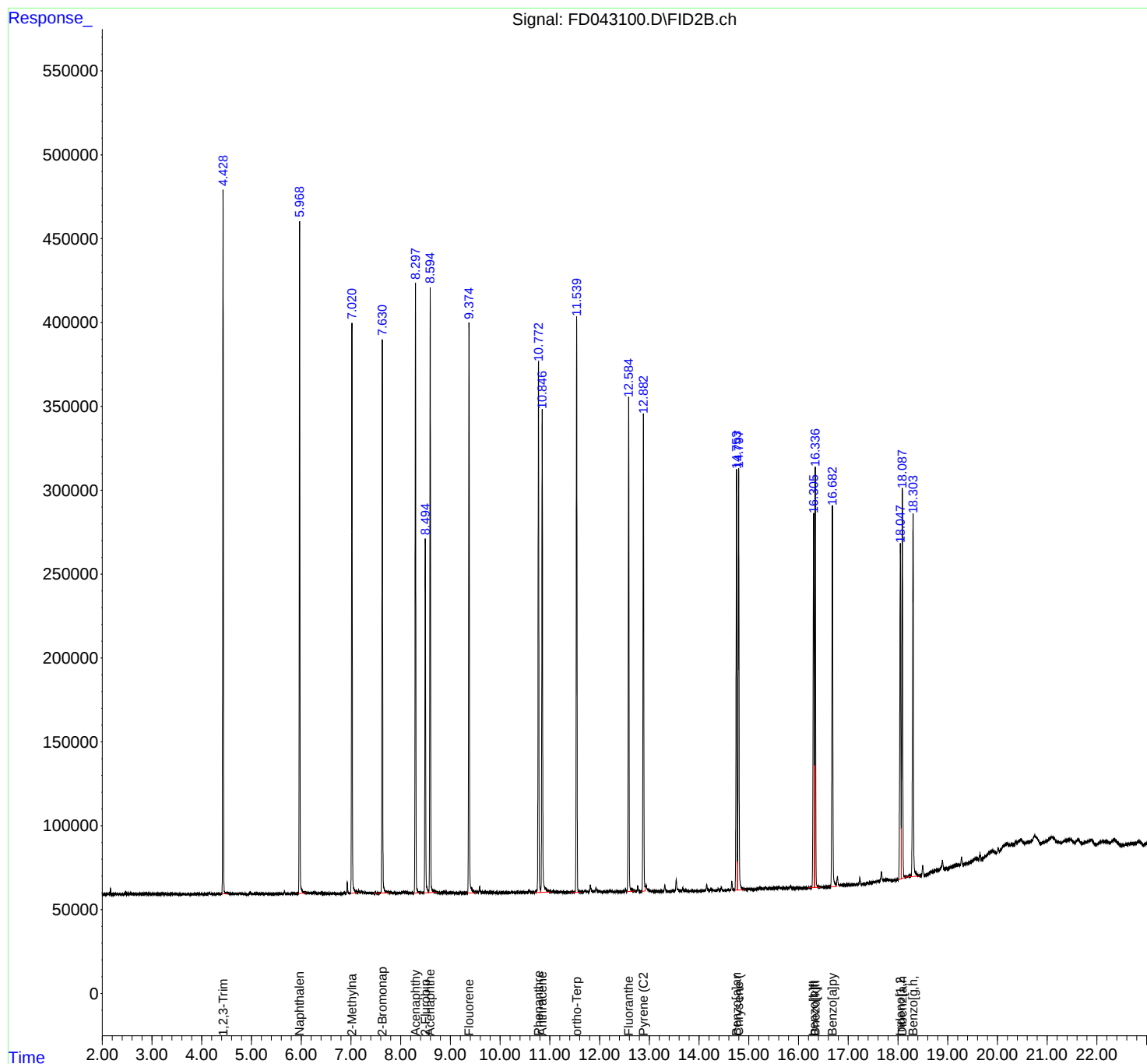
Instrument :
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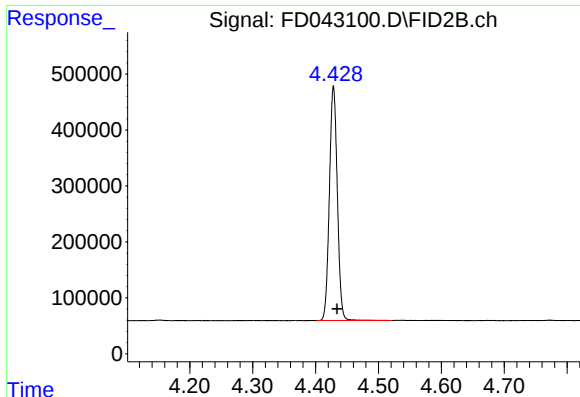
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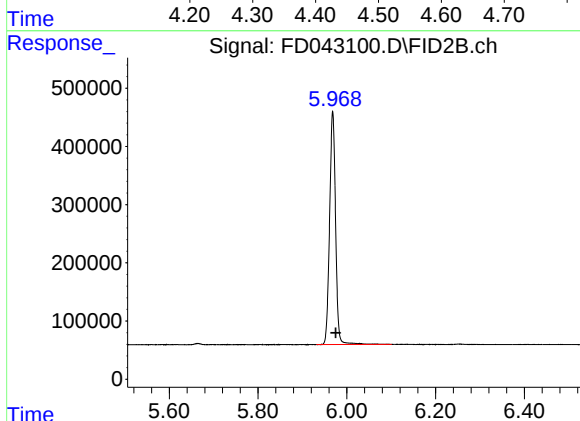
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.429 min
Delta R.T.: -0.005 min
Response: 3671687
Conc: 21.86 ug/ml

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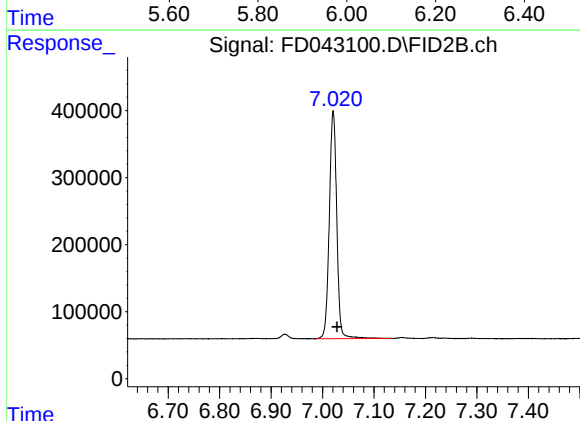
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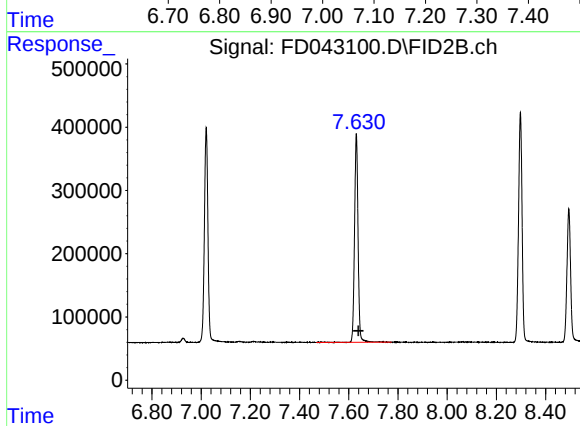
#2 Naphthalene (C11.7)

R.T.: 5.968 min
Delta R.T.: -0.007 min
Response: 3749978
Conc: 21.42 ug/ml



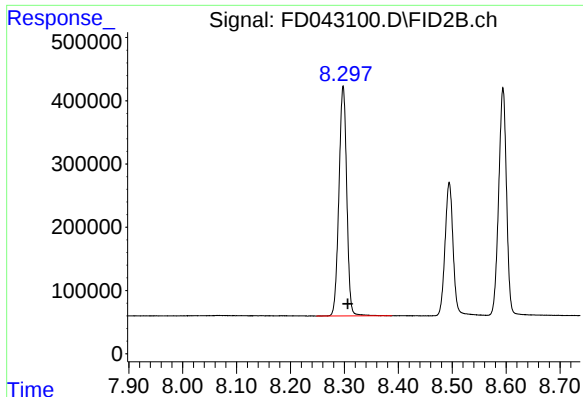
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.021 min
Delta R.T.: -0.007 min
Response: 3423746
Conc: 21.29 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.631 min
Delta R.T.: -0.009 min
Response: 3291987
Conc: 21.32 ug/ml



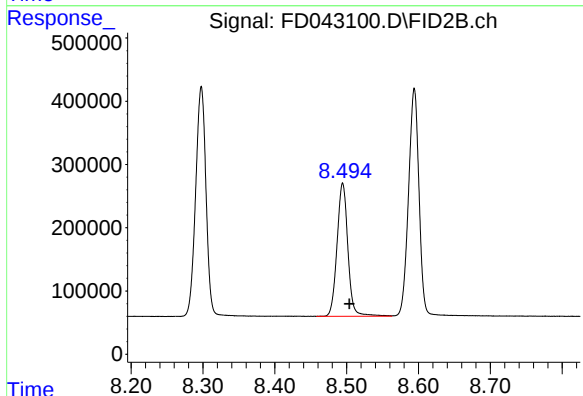
#5 Acenaphthylene (C15.06)

R.T.: 8.298 min
Delta R.T.: -0.008 min
Response: 3660646
Conc: 20.59 ug/ml

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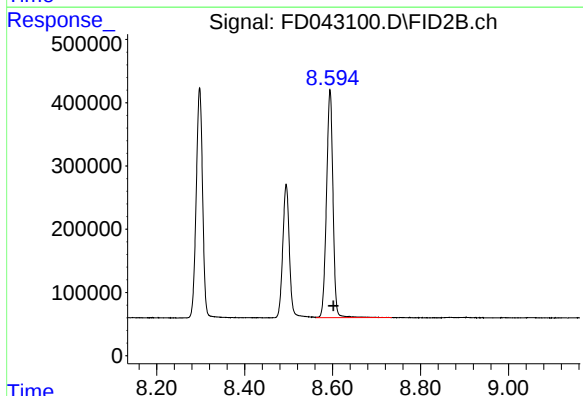
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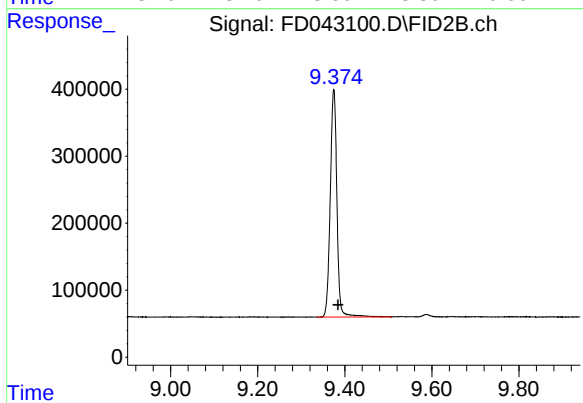
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.494 min
Delta R.T.: -0.010 min
Response: 2210326
Conc: 20.96 ug/ml



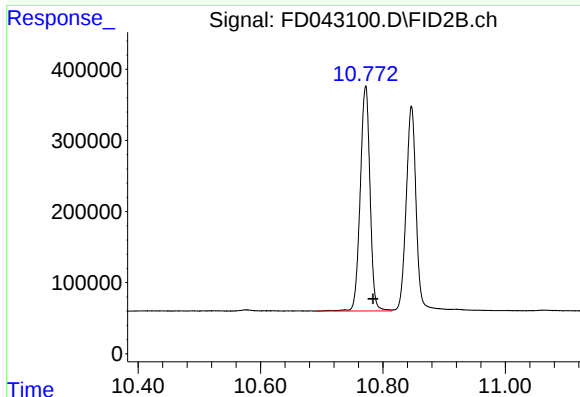
#7 Acenaphthene (C15.5)

R.T.: 8.594 min
Delta R.T.: -0.008 min
Response: 3686766
Conc: 21.05 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.375 min
Delta R.T.: -0.010 min
Response: 3614629
Conc: 20.85 ug/ml



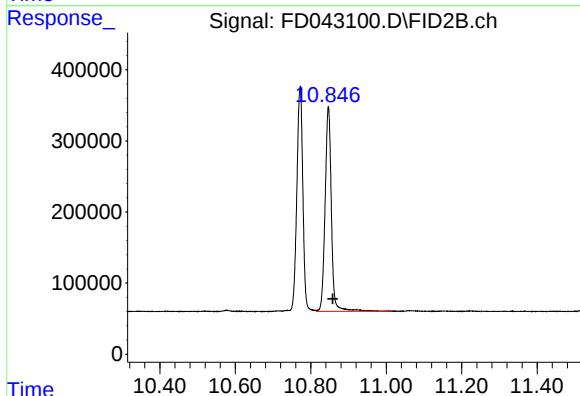
#9 Phenanthrene (C19.36)

R.T.: 10.772 min
Delta R.T.: -0.012 min
Response: 3500915
Conc: 20.41 ug/ml

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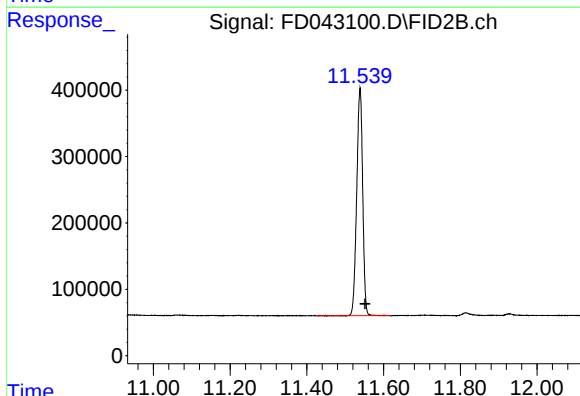
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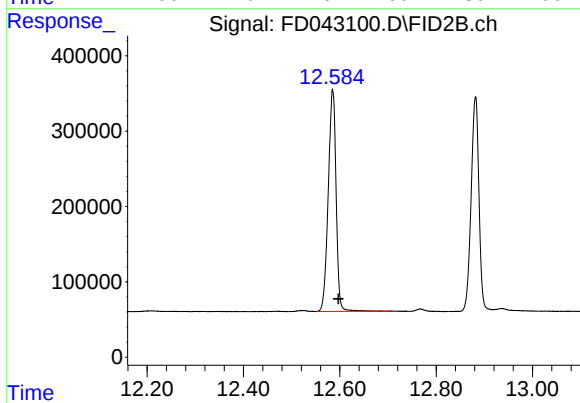
#10 Anthracene (C19.43)

R.T.: 10.847 min
Delta R.T.: -0.011 min
Response: 3321955
Conc: 19.55 ug/ml



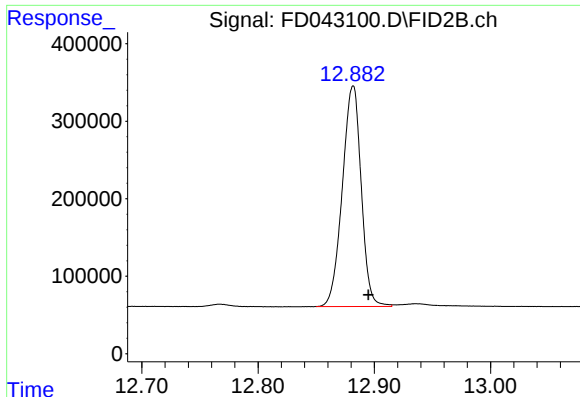
#11 ortho-Terphenyl (SURR)

R.T.: 11.538 min
Delta R.T.: -0.013 min
Response: 3727392
Conc: 20.51 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.585 min
Delta R.T.: -0.013 min
Response: 3298932
Conc: 19.67 ug/ml



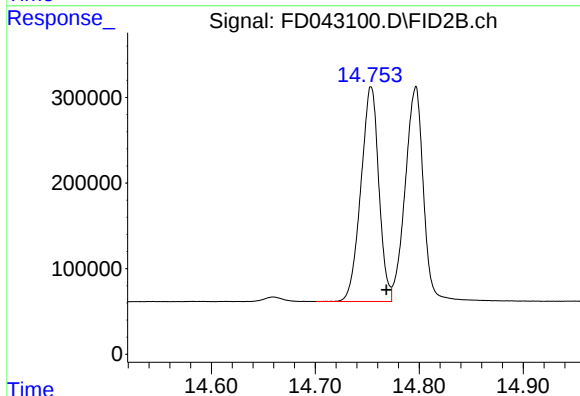
#13 Pyrene (C20.8)

R.T.: 12.882 min
Delta R.T.: -0.013 min
Response: 3213706
Conc: 19.72 ug/ml

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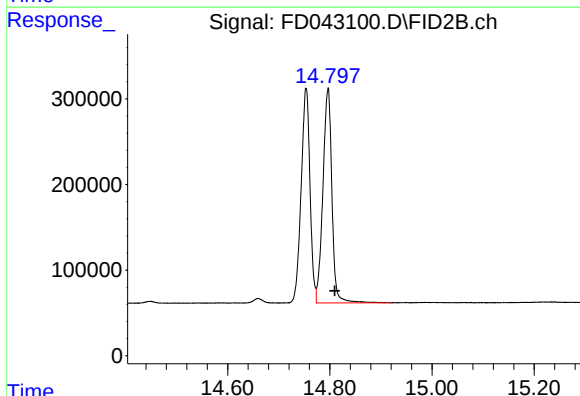
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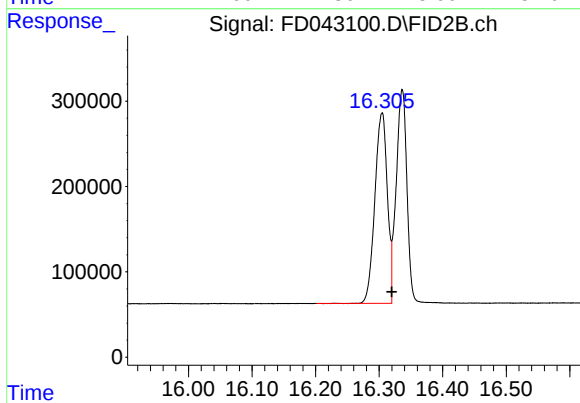
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.754 min
Delta R.T.: -0.015 min
Response: 3010853
Conc: 19.39 ug/ml



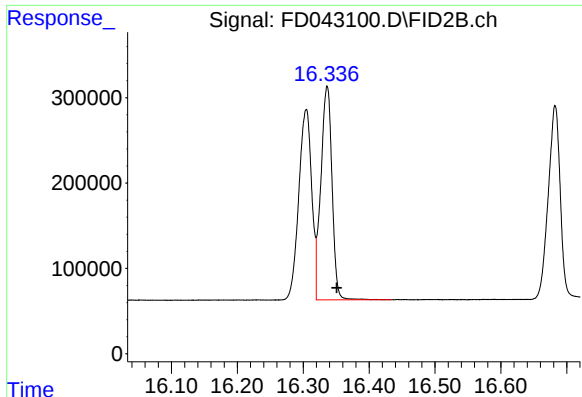
#15 Chrysene (C27.41)

R.T.: 14.796 min
Delta R.T.: -0.014 min
Response: 3075041
Conc: 19.48 ug/ml



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

R.T.: 16.304 min
Delta R.T.: -0.016 min
Response: 3041186
Conc: 19.95 ug/ml



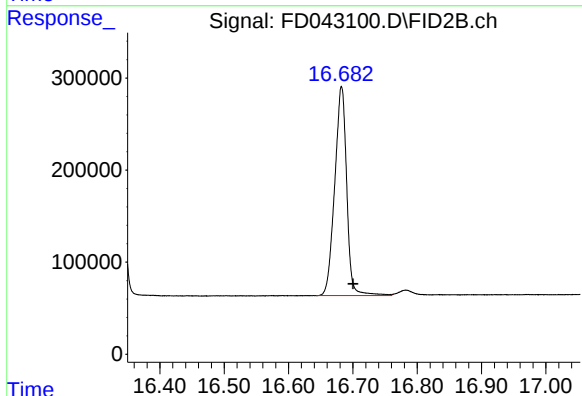
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.336 min
Delta R.T.: -0.014 min
Response: 2949875
Conc: 20.15 ug/ml

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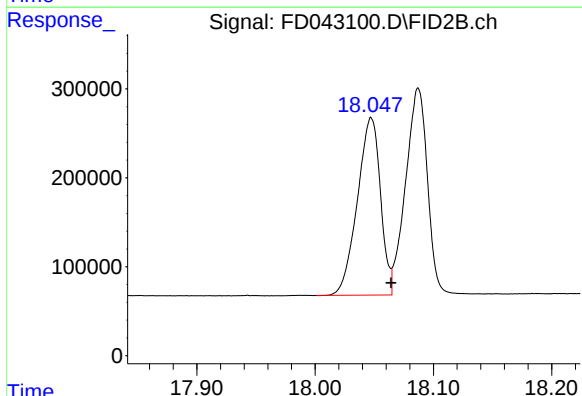
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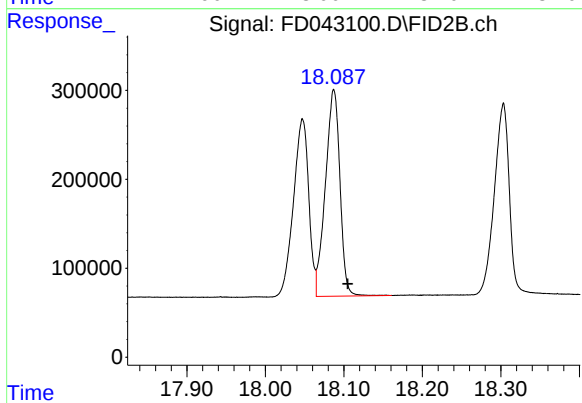
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.682 min
Delta R.T.: -0.018 min
Response: 2946725
Conc: 20.60 ug/ml m



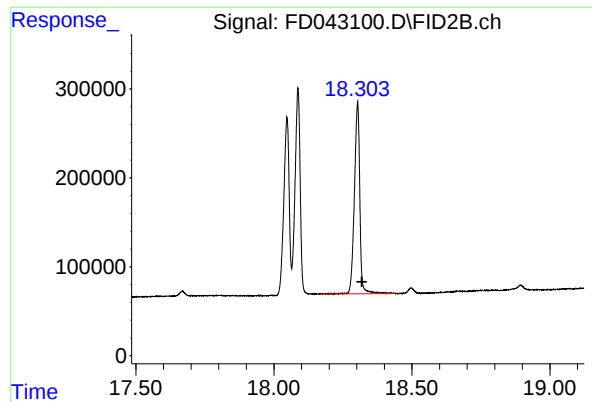
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.047 min
Delta R.T.: -0.017 min
Response: 2708004
Conc: 21.64 ug/ml



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

R.T.: 18.087 min
Delta R.T.: -0.018 min
Response: 2984192
Conc: 22.20 ug/ml



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

R.T.: 18.303 min
Delta R.T.: -0.015 min
Response: 2949691
Conc: 22.62 ug/ml

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