

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062822AR\
 Data File : FD043089.D
 Signal(s) : FID2B.ch
 Acq On : 28 Jun 2022 15:15
 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 02:49:36 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...	7.632	3122368	20.221 ug/ml
Spiked Amount 50.000		Recovery =	40.44%
6) S 2-Fluorobiphenyl (SURR)	8.496	2139403	20.284 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.57%
11) S ortho-Terphenyl (SURR)	11.539	3596930	19.791 ug/ml
Spiked Amount 50.000		Recovery =	39.58%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.429	3521666	20.968 ug/ml
2) T Naphthalene (C11.7)	5.969	3602590	20.578 ug/ml
3) T 2-Methylnaphthalene (...)	7.022	3299879	20.516 ug/ml
5) T Acenaphthylene (C15.06)	8.299	3536891	19.898 ug/ml
7) T Acenaphthene (C15.5)	8.595	3624622	20.699 ug/ml
8) T Flouorene (C16.55)	9.376	3467958	20.007 ug/ml
9) T Phenanthrene (C19.36)	10.774	3389945	19.765 ug/ml
10) T Anthracene (C19.43)	10.848	3254016	19.153 ug/ml
12) T Fluoranthene (C21.85)	12.586	3212743	19.156 ug/ml
13) T Pyrene (C20.8)	12.883	3139075	19.262 ug/mlm
14) T Benzo[a]anthracene (C...	14.754	2953659	19.019 ug/ml
15) T Chrysene (C27.41)	14.797	3009627	19.069 ug/ml
16) T benzo[b]fluoranthene ...	16.305	2991231	19.623 ug/ml
17) T Bnezo[k]fluoranthene ...	16.337	2873645	19.634 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.683	2872337	20.082 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.048	2670370	21.340 ug/ml
20) T Dibenz[a,h]anthracene...	18.088	2895052	21.534 ug/ml
21) T Benzo[g,h,i]perylene ...	18.303	2832233	21.715 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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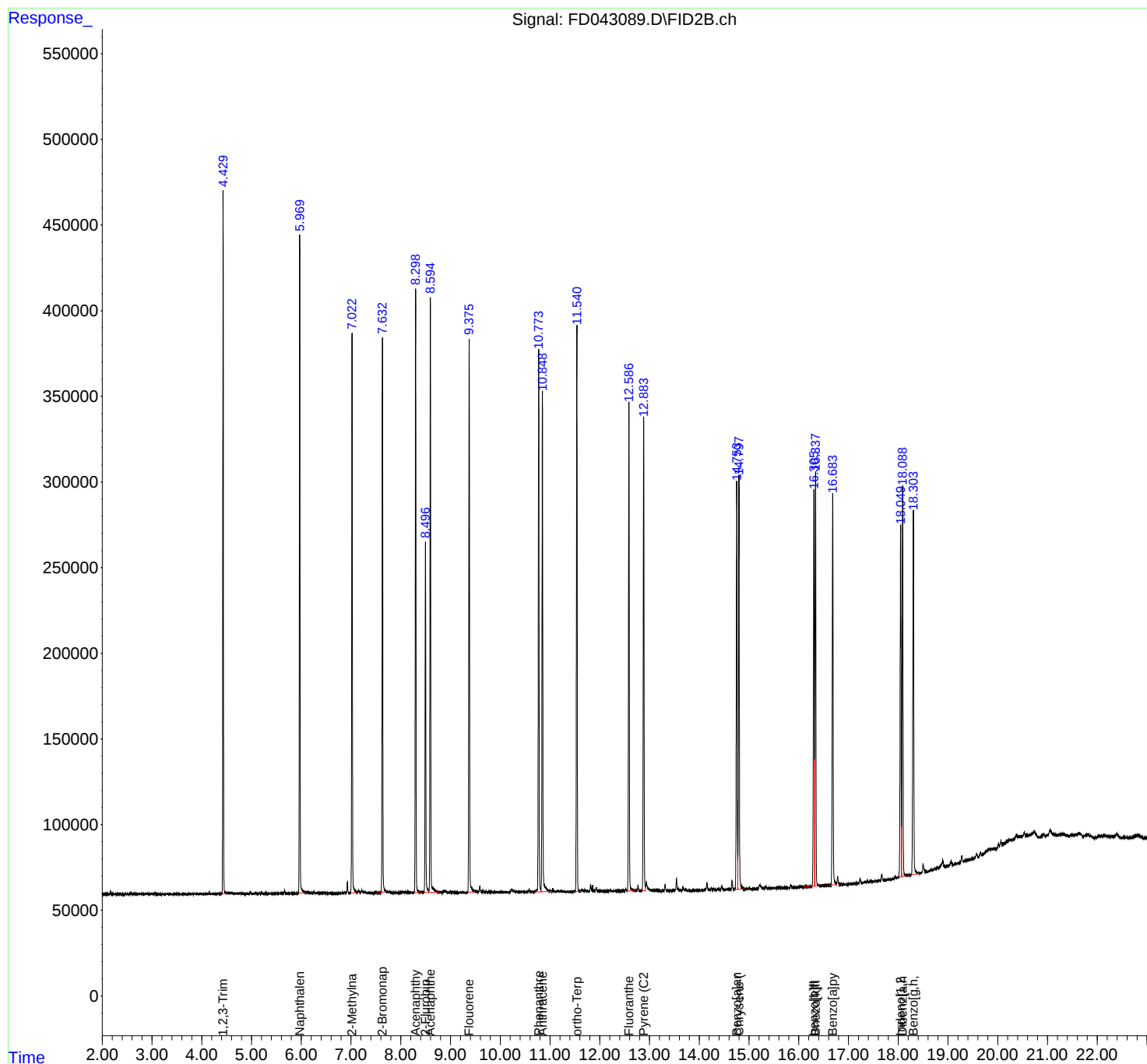
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 20 PPM AROMATIC HC STD

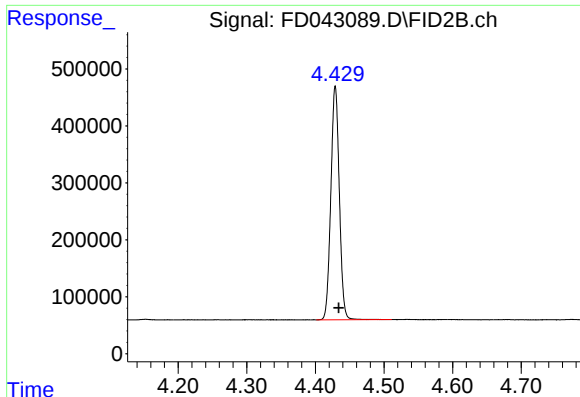
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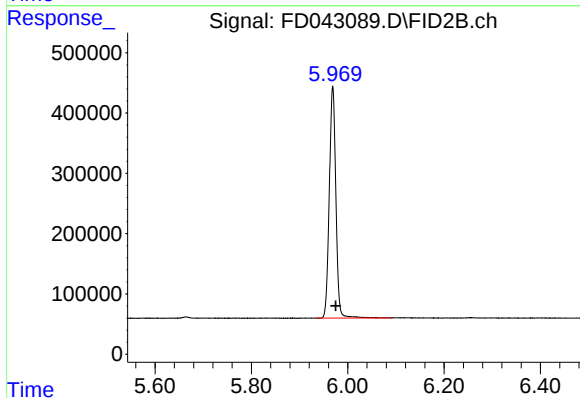
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.429 min
Delta R.T.: -0.005 min
Response: 3521666
Conc: 20.97 ug/ml

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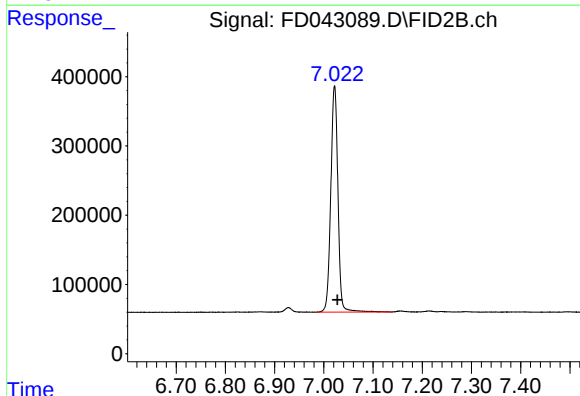
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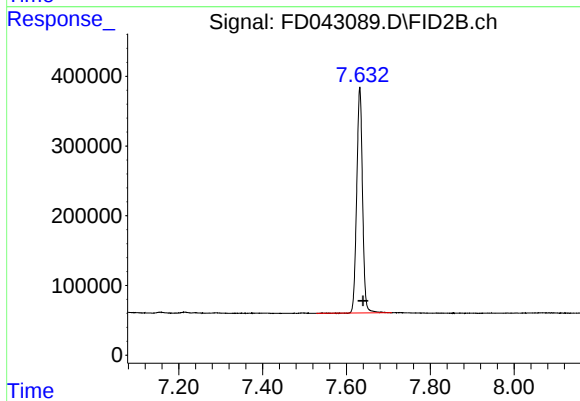
#2 Naphthalene (C11.7)

R.T.: 5.969 min
Delta R.T.: -0.006 min
Response: 3602590
Conc: 20.58 ug/ml



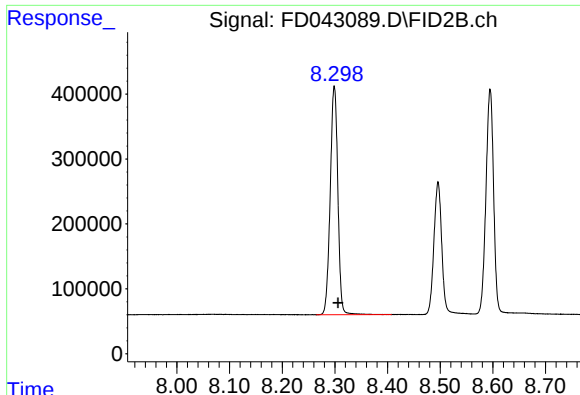
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.022 min
Delta R.T.: -0.006 min
Response: 3299879
Conc: 20.52 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.632 min
Delta R.T.: -0.008 min
Response: 3122368
Conc: 20.22 ug/ml



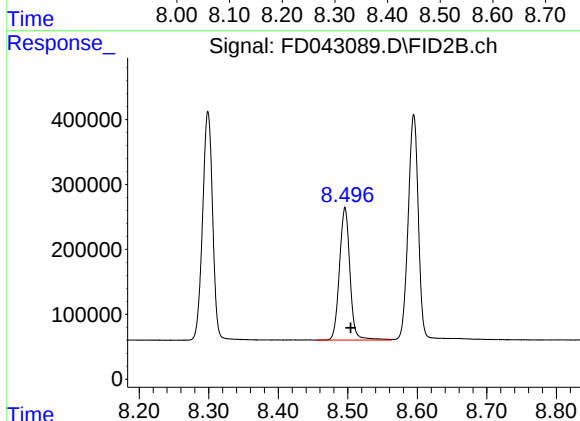
#5 Acenaphthylene (C15.06)

R.T.: 8.299 min
Delta R.T.: -0.007 min
Response: 3536891
Conc: 19.90 ug/ml

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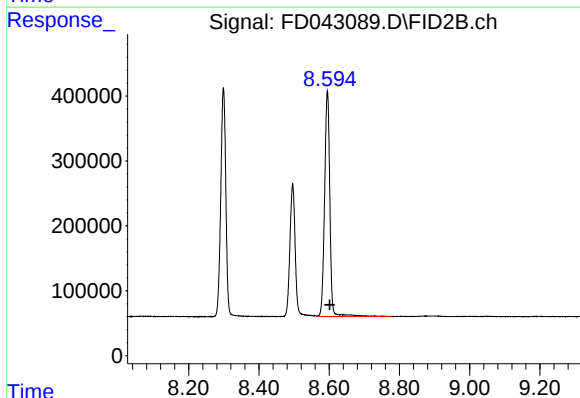
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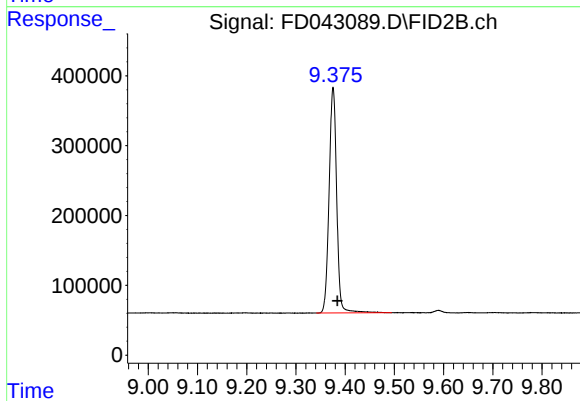
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.496 min
Delta R.T.: -0.008 min
Response: 2139403
Conc: 20.28 ug/ml



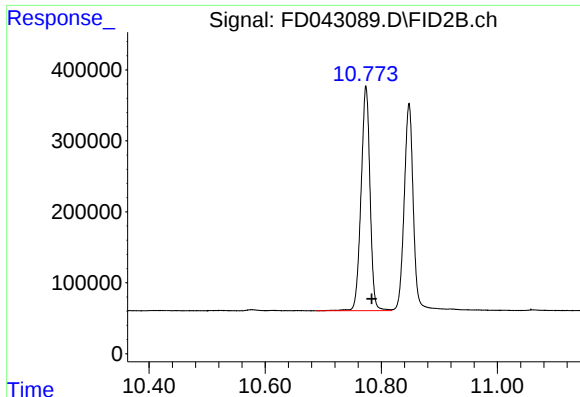
#7 Acenaphthene (C15.5)

R.T.: 8.595 min
Delta R.T.: -0.007 min
Response: 3624622
Conc: 20.70 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.376 min
Delta R.T.: -0.009 min
Response: 3467958
Conc: 20.01 ug/ml



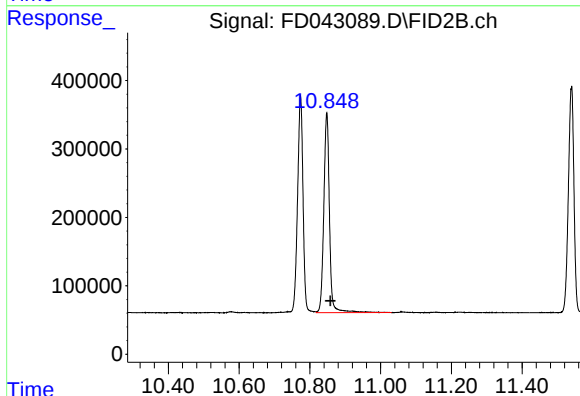
#9 Phenanthrene (C19.36)

R.T.: 10.774 min
Delta R.T.: -0.010 min
Response: 3389945
Conc: 19.77 ug/ml

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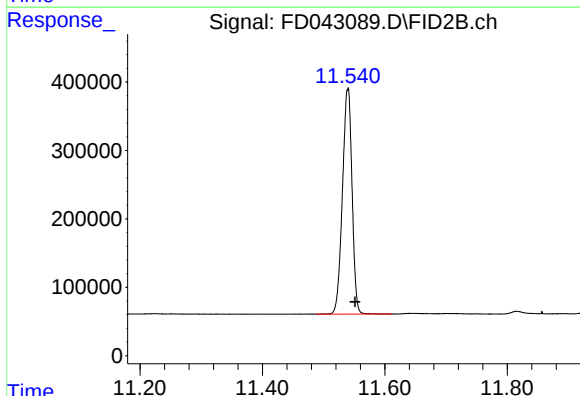
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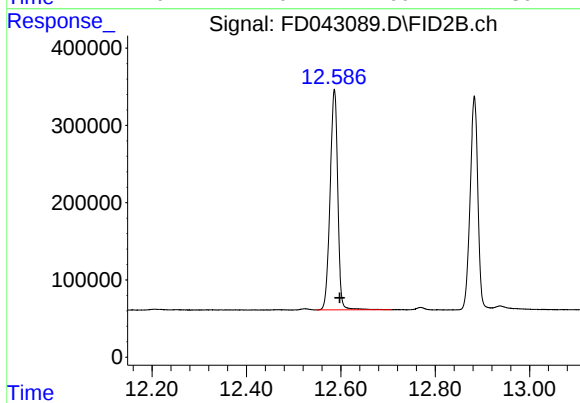
#10 Anthracene (C19.43)

R.T.: 10.848 min
Delta R.T.: -0.010 min
Response: 3254016
Conc: 19.15 ug/ml



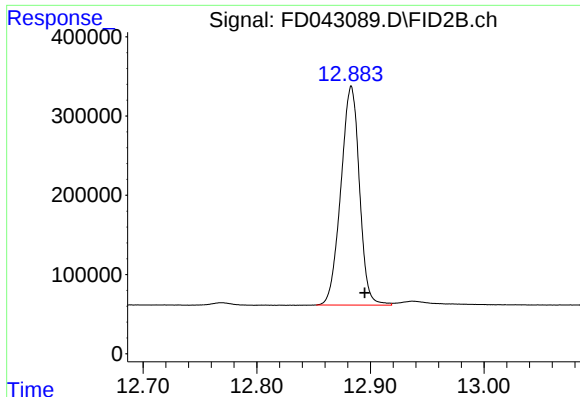
#11 ortho-Terphenyl (SURR)

R.T.: 11.539 min
Delta R.T.: -0.012 min
Response: 3596930
Conc: 19.79 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.586 min
Delta R.T.: -0.011 min
Response: 3212743
Conc: 19.16 ug/ml



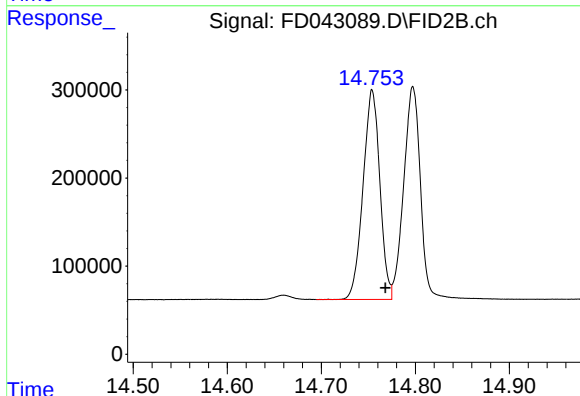
#13 Pyrene (C20.8)

R.T.: 12.883 min
Delta R.T.: -0.012 min
Response: 3139075
Conc: 19.26 ug/ml

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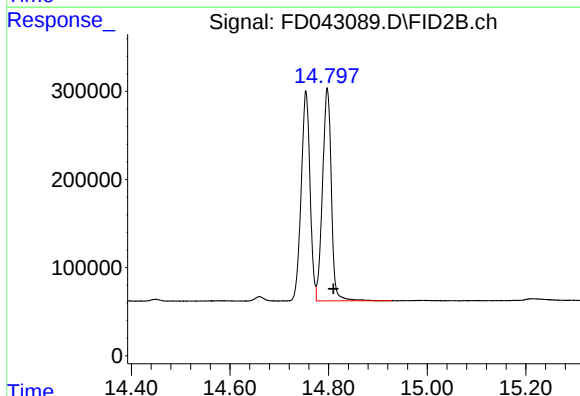
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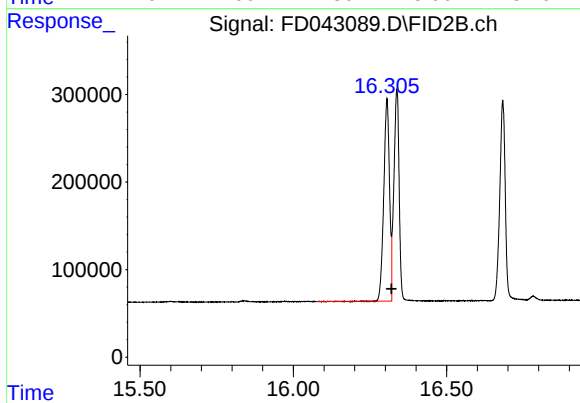
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.754 min
Delta R.T.: -0.014 min
Response: 2953659
Conc: 19.02 ug/ml



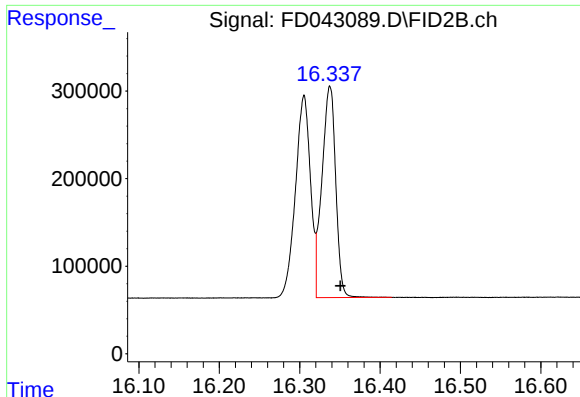
#15 Chrysene (C27.41)

R.T.: 14.797 min
Delta R.T.: -0.012 min
Response: 3009627
Conc: 19.07 ug/ml



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

R.T.: 16.305 min
Delta R.T.: -0.015 min
Response: 2991231
Conc: 19.62 ug/ml



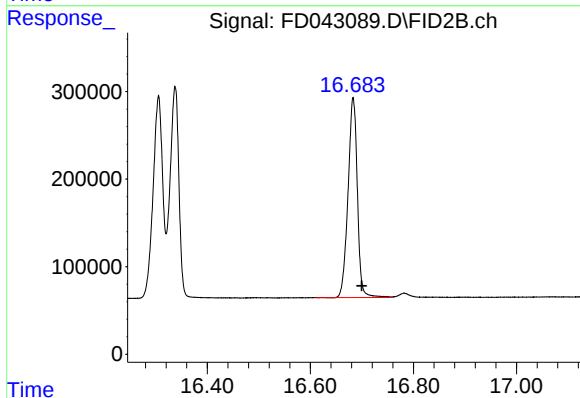
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.337 min
Delta R.T.: -0.013 min
Response: 2873645
Conc: 19.63 ug/ml

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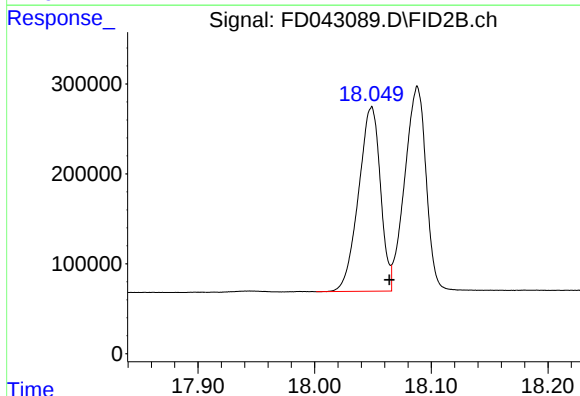
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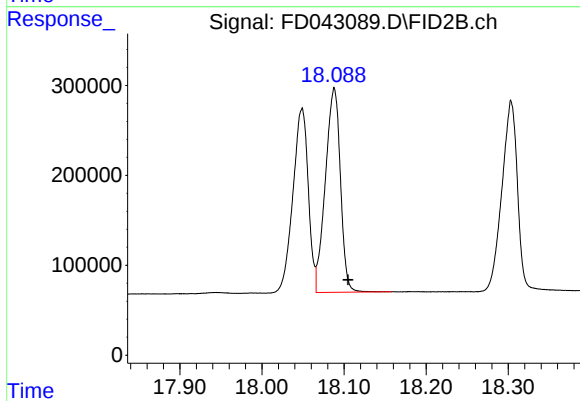
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.683 min
Delta R.T.: -0.017 min
Response: 2872337
Conc: 20.08 ug/ml



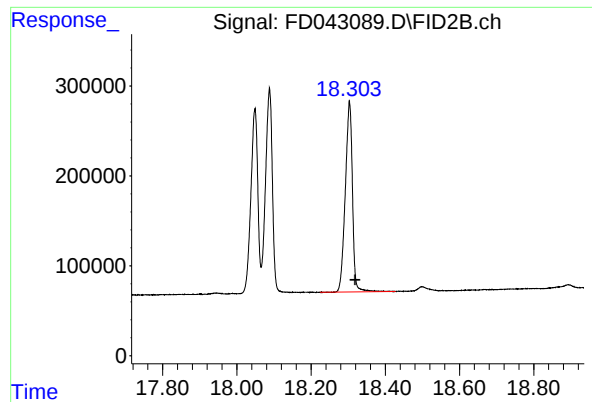
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.048 min
Delta R.T.: -0.016 min
Response: 2670370
Conc: 21.34 ug/ml



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

R.T.: 18.088 min
Delta R.T.: -0.017 min
Response: 2895052
Conc: 21.53 ug/ml



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

R.T.: 18.303 min
Delta R.T.: -0.015 min
Response: 2832233
Conc: 21.71 ug/ml

Instrument :

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