

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061024AR\
 Data File : FD047903.D
 Signal(s) : FID2B.ch
 Acq On : 10 Jun 2024 14:04
 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 06/11/2024
 Supervised By :Ankita Jodhani 06/11/2024

Integration File: sample.E
 Quant Time: Jun 10 23:27:15 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052124.M
 Quant Title : GC Extractables
 QLast Update : Tue May 21 19:00:48 2024
 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...	7.430	3024024	21.540 ug/ml
Spiked Amount 50.000		Recovery =	43.08%
6) S 2-Fluorobiphenyl (SURR)	8.282	1948185	21.036 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.07%
11) S ortho-Terphenyl (SURR)	11.320	3450201	21.579 ug/ml
Spiked Amount 50.000		Recovery =	43.16%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.246	3407888	21.577 ug/ml
2) T Naphthalene (C11.7)	5.769	3523553	21.587 ug/ml
3) T 2-Methylnaphthalene (...)	6.817	3559580	21.602 ug/ml
5) T Acenaphthylene (C15.06)	8.085	3431431	20.994 ug/ml
7) T Acenaphthene (C15.5)	8.379	3501370	21.444 ug/ml
8) T Flouorene (C16.55)	9.158	3262601	20.739 ug/ml
9) T Phenanthrene (C19.36)	10.547	3239345	21.007 ug/ml
10) T Anthracene (C19.43)	10.622	2607388	17.344 ug/ml
12) T Fluoranthene (C21.85)	12.353	3216328	21.194 ug/ml
13) T Pyrene (C20.8)	12.646	3182562	21.111 ug/ml
14) T Benzo[a]anthracene (C...	14.515	2672715	19.497 ug/mlm
15) T Chrysene (C27.41)	14.557	3082908	20.927 ug/ml
16) T benzo[b]fluoranthene ...	16.062	2860924	20.327 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.094	2763831	20.296 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.439	2577038	18.618 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.801	1816155	15.754 ug/mlm
20) T Dibenz[a,h]anthracene...	17.843	2349578	17.620 ug/ml
21) T Benzo[g,h,i]perylene ...	18.051	2441185	18.356 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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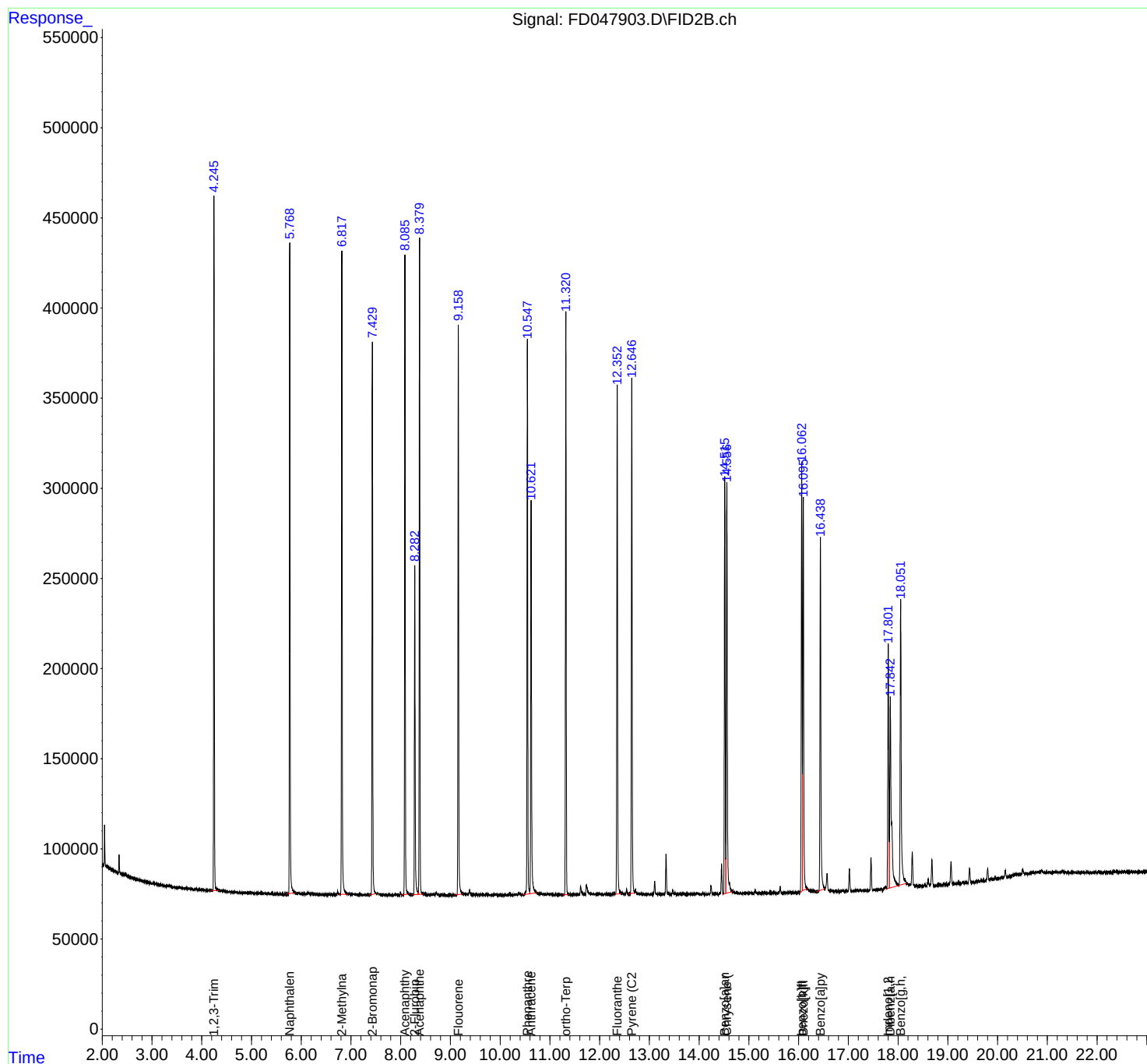
Instrument :
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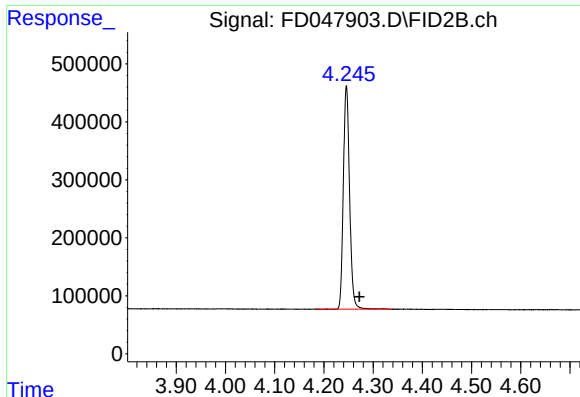
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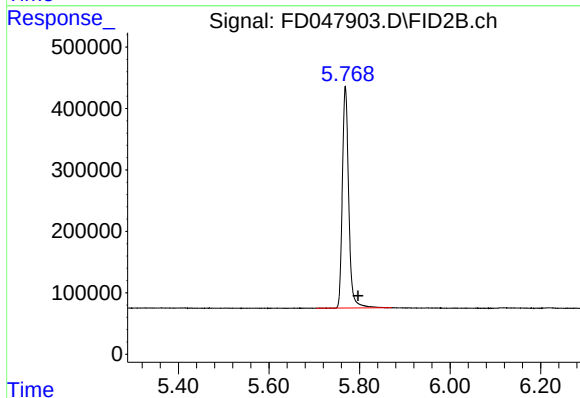
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.246 min
Delta R.T.: -0.026 min
Response: 3407888
Conc: 21.58 ug/ml

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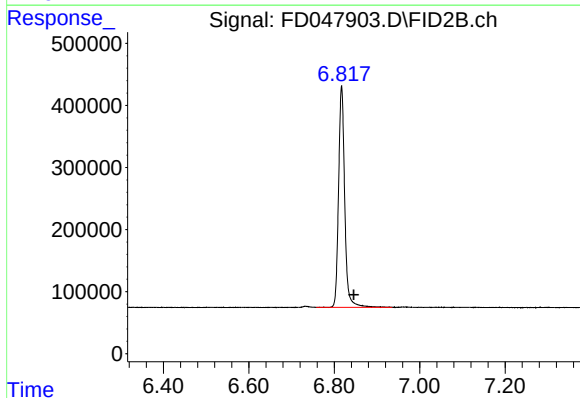
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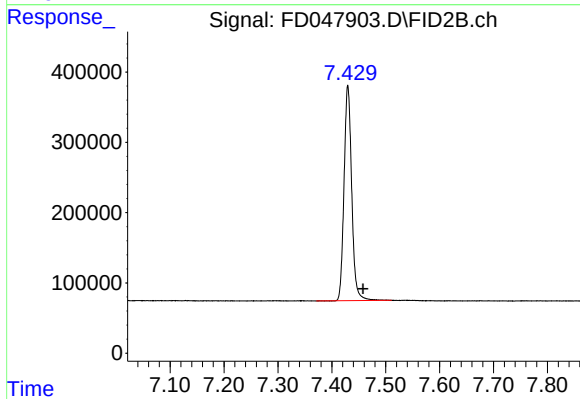
#2 Naphthalene (C11.7)

R.T.: 5.769 min
Delta R.T.: -0.028 min
Response: 3523553
Conc: 21.59 ug/ml



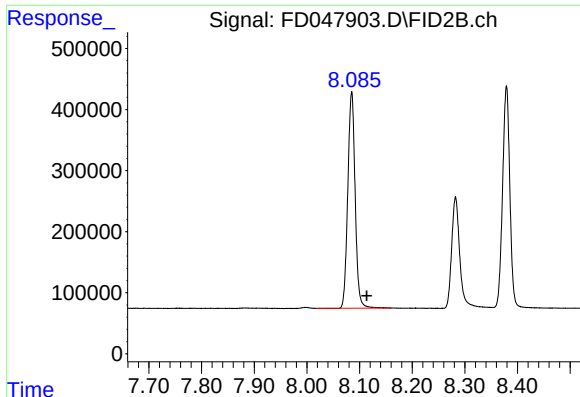
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.817 min
Delta R.T.: -0.029 min
Response: 3559580
Conc: 21.60 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.430 min
Delta R.T.: -0.028 min
Response: 3024024
Conc: 21.54 ug/ml



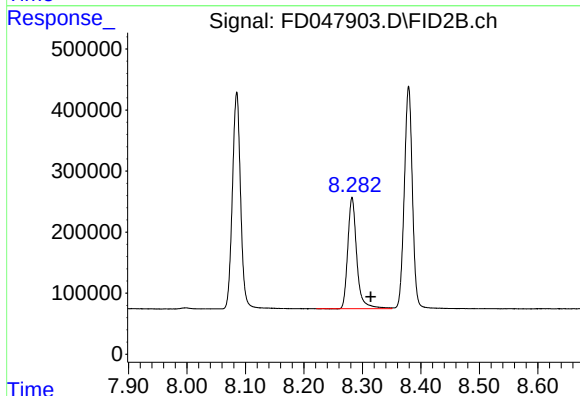
#5 Acenaphthylene (C15.06)

R.T.: 8.085 min
Delta R.T.: -0.029 min
Response: 3431431
Conc: 20.99 ug/ml

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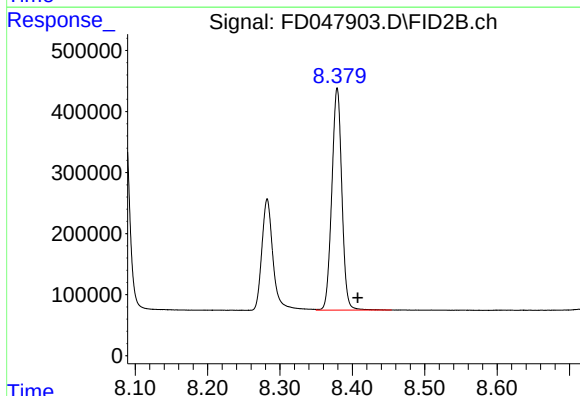
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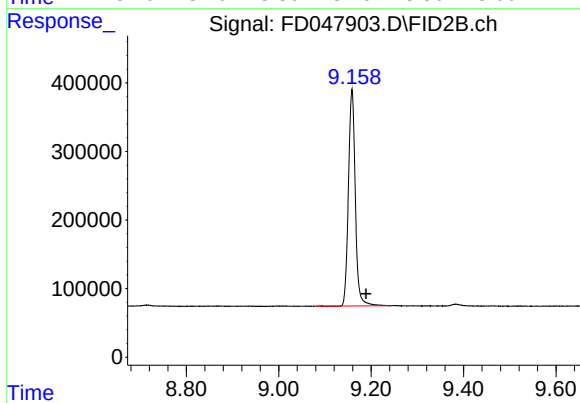
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.282 min
Delta R.T.: -0.032 min
Response: 1948185
Conc: 21.04 ug/ml



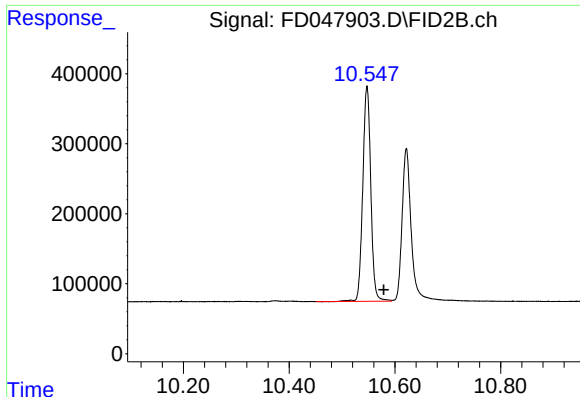
#7 Acenaphthene (C15.5)

R.T.: 8.379 min
Delta R.T.: -0.029 min
Response: 3501370
Conc: 21.44 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.158 min
Delta R.T.: -0.031 min
Response: 3262601
Conc: 20.74 ug/ml



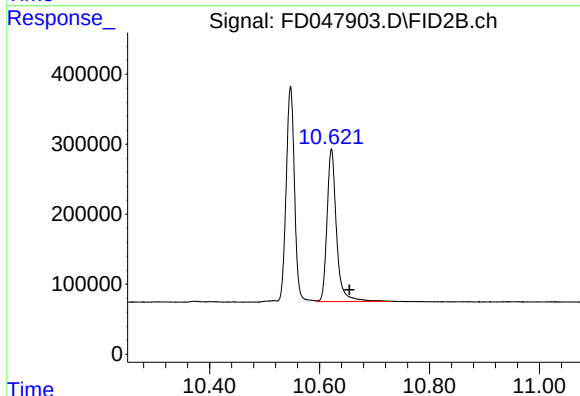
#9 Phenanthrene (C19.36)

R.T.: 10.547 min
Delta R.T.: -0.032 min
Response: 3239345
Conc: 21.01 ug/ml

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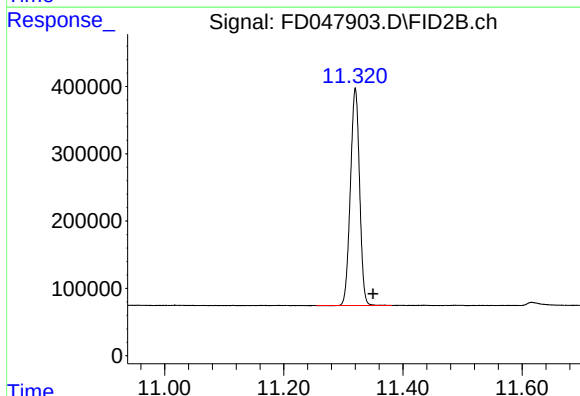
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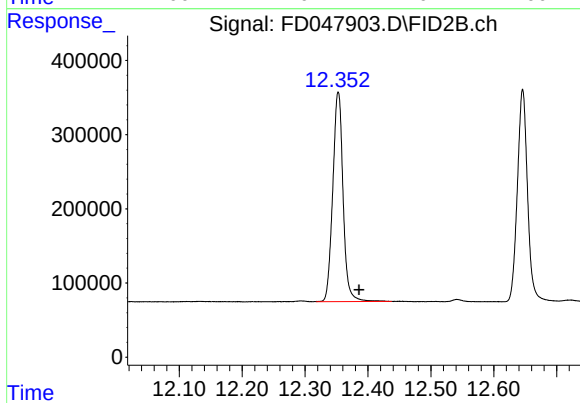
#10 Anthracene (C19.43)

R.T.: 10.622 min
Delta R.T.: -0.033 min
Response: 2607388
Conc: 17.34 ug/ml



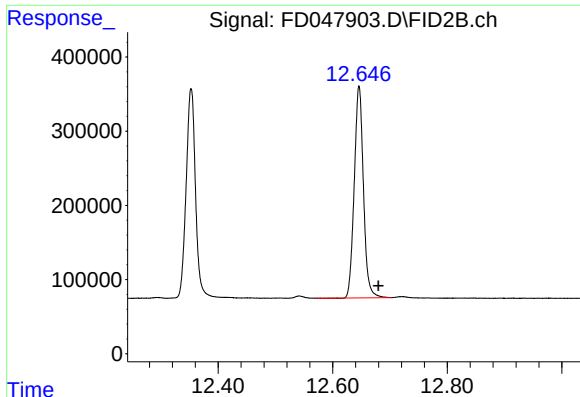
#11 ortho-Terphenyl (SURR)

R.T.: 11.320 min
Delta R.T.: -0.030 min
Response: 3450201
Conc: 21.58 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.353 min
Delta R.T.: -0.033 min
Response: 3216328
Conc: 21.19 ug/ml



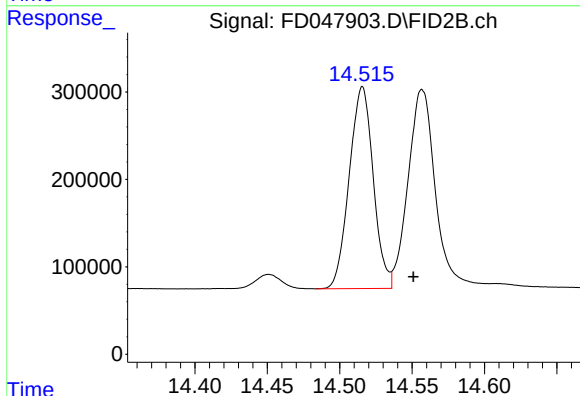
#13 Pyrene (C20.8)

R.T.: 12.646 min
Delta R.T.: -0.034 min
Response: 3182562
Conc: 21.11 ug/ml

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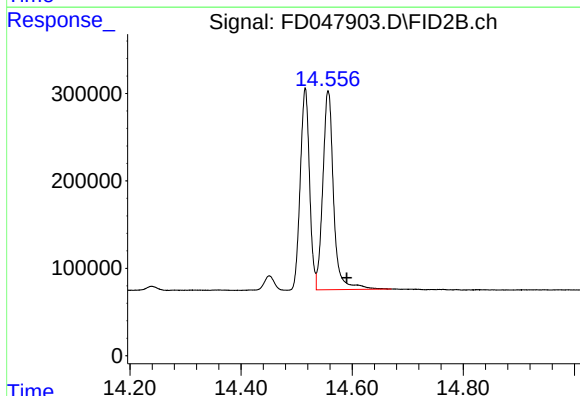
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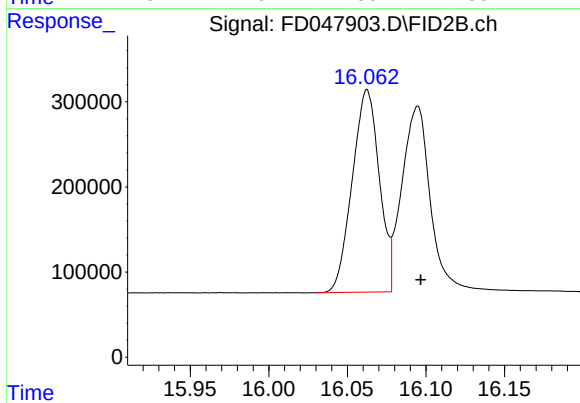
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.515 min
Delta R.T.: -0.036 min
Response: 2672715
Conc: 19.50 ug/ml m



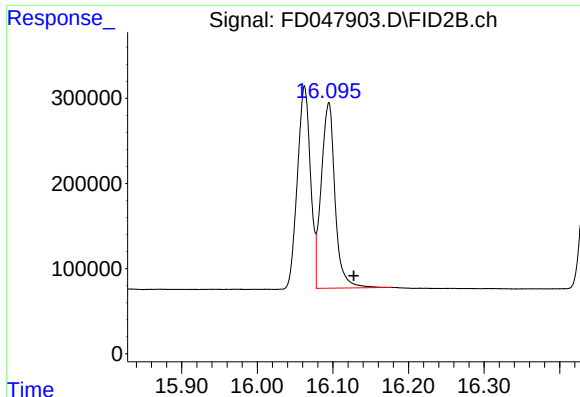
#15 Chrysene (C27.41)

R.T.: 14.557 min
Delta R.T.: -0.033 min
Response: 3082908
Conc: 20.93 ug/ml



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

R.T.: 16.062 min
Delta R.T.: -0.034 min
Response: 2860924
Conc: 20.33 ug/ml m



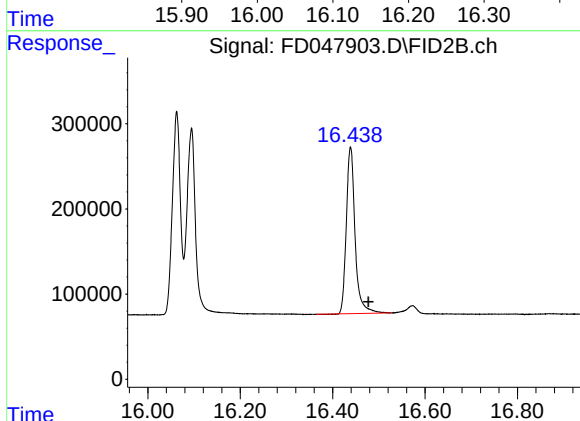
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.094 min
Delta R.T.: -0.034 min
Response: 2763831
Conc: 20.30 ug/ml

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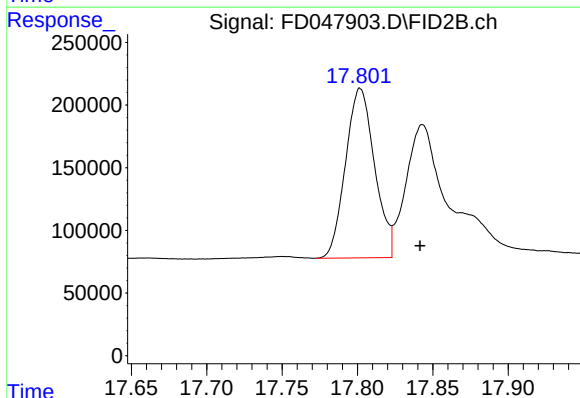
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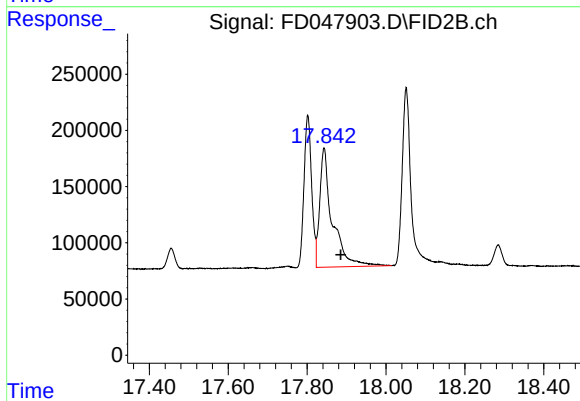
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.439 min
Delta R.T.: -0.039 min
Response: 2577038
Conc: 18.62 ug/ml



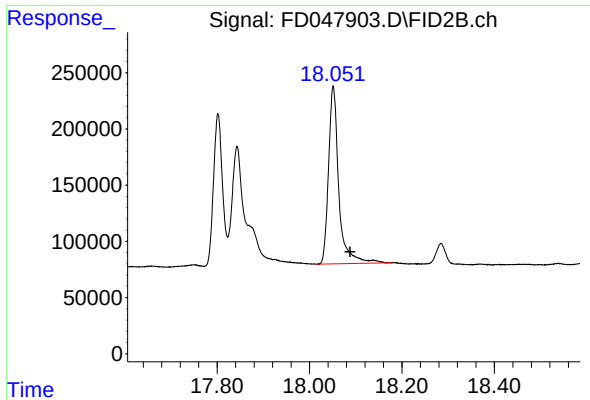
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.801 min
Delta R.T.: -0.041 min
Response: 1816155
Conc: 15.75 ug/ml m



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

R.T.: 17.843 min
Delta R.T.: -0.042 min
Response: 2349578
Conc: 17.62 ug/ml



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

R.T.: 18.051 min
Delta R.T.: -0.037 min
Response: 2441185
Conc: 18.36 ug/ml

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