

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD060324AR\
 Data File : FD047854.D
 Signal(s) : FID2B.ch
 Acq On : 03 Jun 2024 09:35
 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 06/04/2024
 Supervised By :Ankita Jodhani 06/04/2024

Integration File: autoint1.e
 Quant Time: Jun 04 05:26:18 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...	7.435	2758710	19.650 ug/ml
Spiked Amount 50.000		Recovery =	39.30%
6) S 2-Fluorobiphenyl (SURR)	8.288	1806670	19.508 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.02%
11) S ortho-Terphenyl (SURR)	11.326	3139979	19.639 ug/ml
Spiked Amount 50.000		Recovery =	39.28%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.251	3107371	19.675 ug/ml
2) T Naphthalene (C11.7)	5.774	3230650	19.792 ug/ml
3) T 2-Methylnaphthalene (...)	6.823	3237018	19.644 ug/ml
5) T Acenaphthylene (C15.06)	8.090	3177018	19.438 ug/ml
7) T Acenaphthene (C15.5)	8.385	3204718	19.627 ug/ml
8) T Flouorene (C16.55)	9.164	3021906	19.209 ug/ml
9) T Phenanthrene (C19.36)	10.553	2990545	19.393 ug/ml
10) T Anthracene (C19.43)	10.628	2604848	17.327 ug/ml
12) T Fluoranthene (C21.85)	12.359	2942744	19.391 ug/ml
13) T Pyrene (C20.8)	12.653	2926639	19.413 ug/ml
14) T Benzo[a]anthracene (C...	14.521	2550234	18.603 ug/mlm
15) T Chrysene (C27.41)	14.563	2838994	19.271 ug/ml
16) T benzo[b]fluoranthene ...	16.070	2654007	18.857 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.100	2599144	19.086 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.445	2546357	18.396 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.808	1908294	16.553 ug/mlm
20) T Dibenz[a,h]anthracene...	17.849	2299891	17.248 ug/ml
21) T Benzo[g,h,i]perylene ...	18.058	2428037	18.258 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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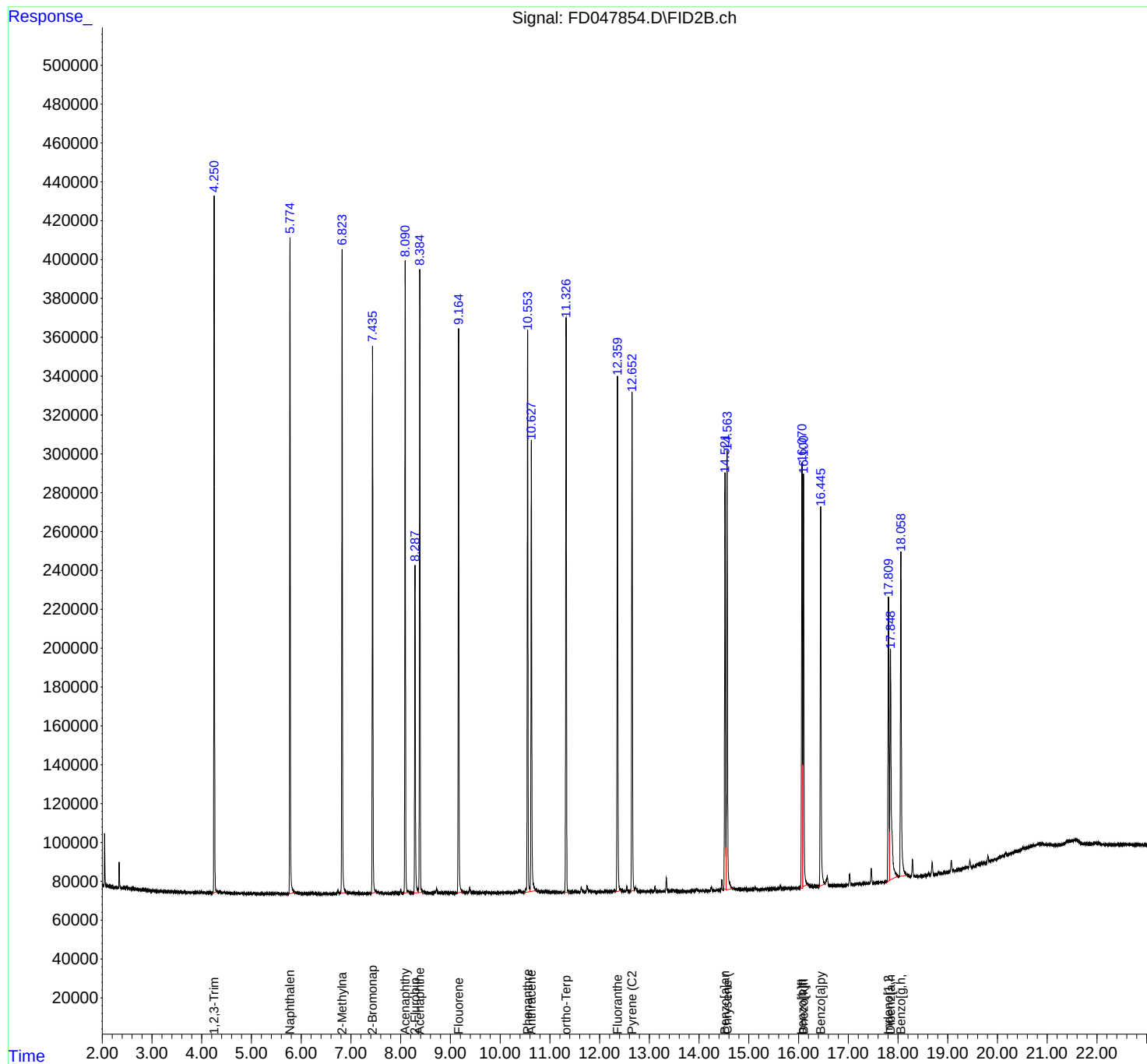
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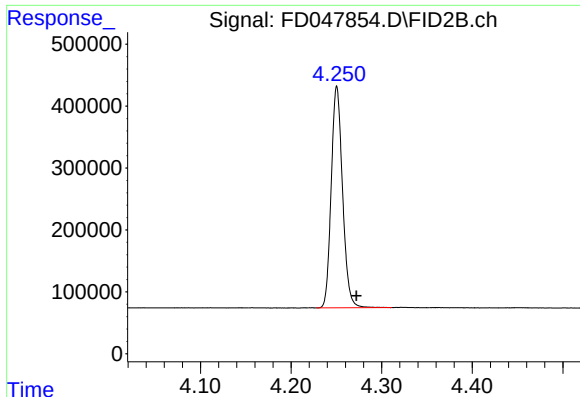
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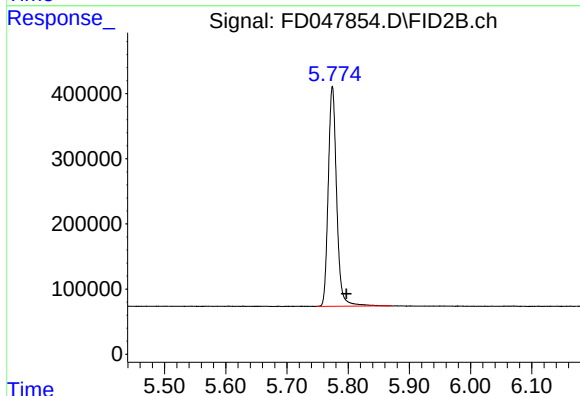
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.251 min
Delta R.T.: -0.021 min
Response: 3107371
Conc: 19.67 ug/ml

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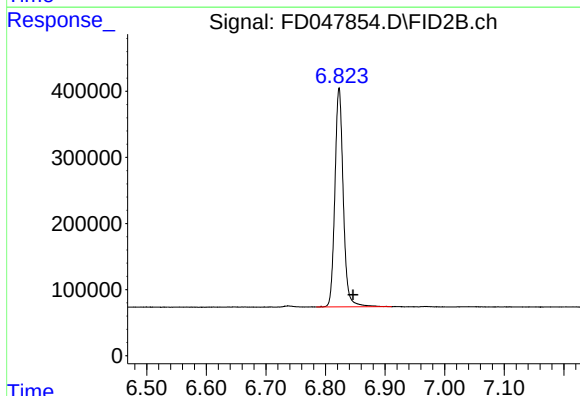
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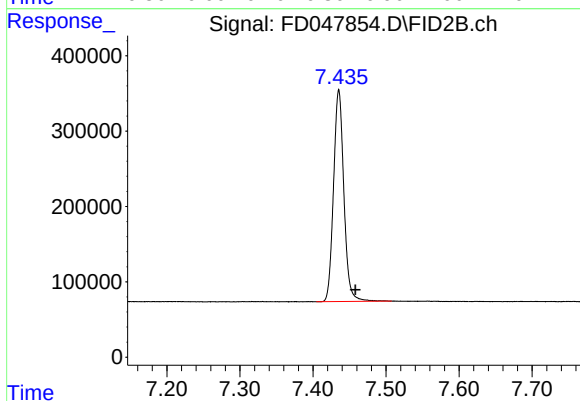
#2 Naphthalene (C11.7)

R.T.: 5.774 min
Delta R.T.: -0.023 min
Response: 3230650
Conc: 19.79 ug/ml



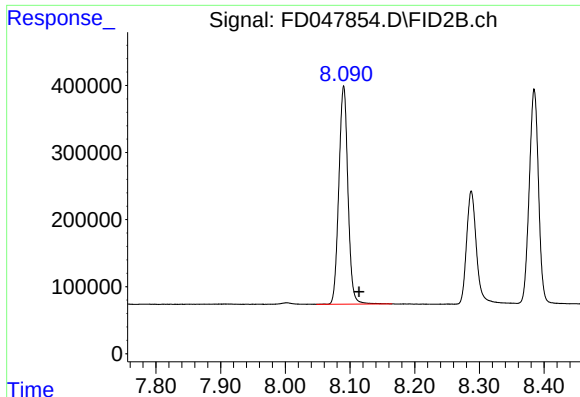
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.823 min
Delta R.T.: -0.023 min
Response: 3237018
Conc: 19.64 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.435 min
Delta R.T.: -0.023 min
Response: 2758710
Conc: 19.65 ug/ml



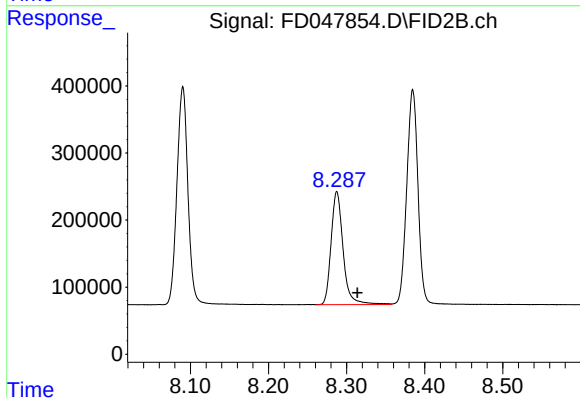
#5 Acenaphthylene (C15.06)

R.T.: 8.090 min
Delta R.T.: -0.024 min
Response: 3177018
Conc: 19.44 ug/ml

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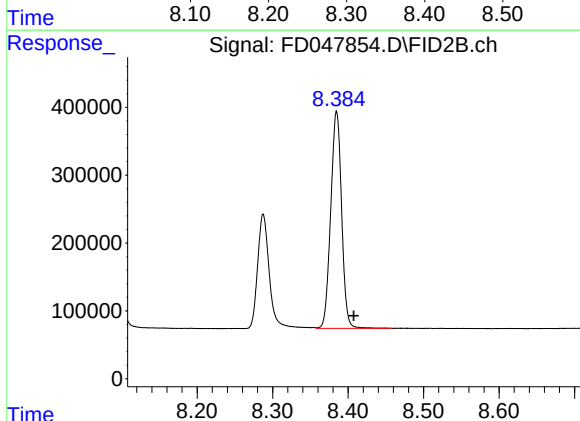
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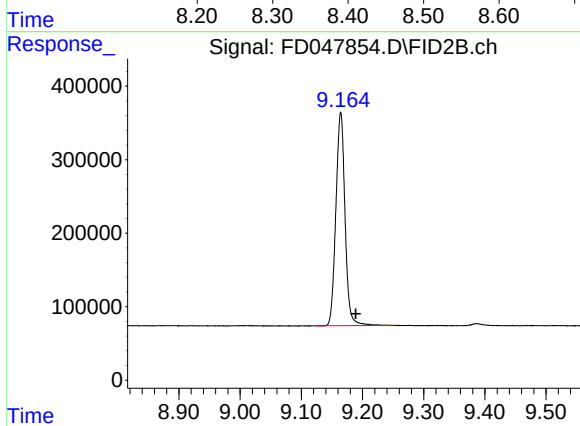
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.288 min
Delta R.T.: -0.026 min
Response: 1806670
Conc: 19.51 ug/ml



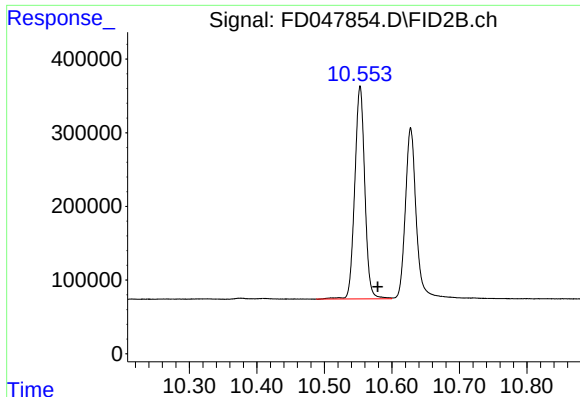
#7 Acenaphthene (C15.5)

R.T.: 8.385 min
Delta R.T.: -0.023 min
Response: 3204718
Conc: 19.63 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.164 min
Delta R.T.: -0.025 min
Response: 3021906
Conc: 19.21 ug/ml



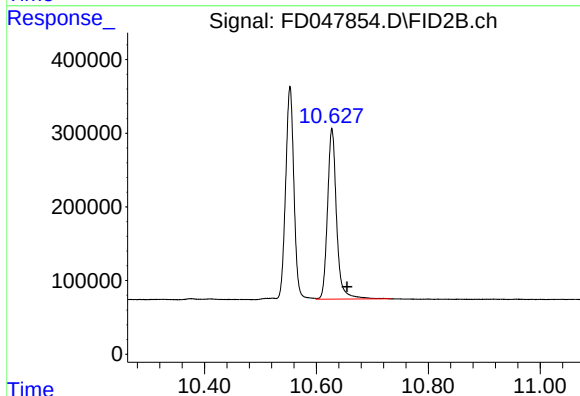
#9 Phenanthrene (C19.36)

R.T.: 10.553 min
Delta R.T.: -0.026 min
Response: 2990545
Conc: 19.39 ug/ml

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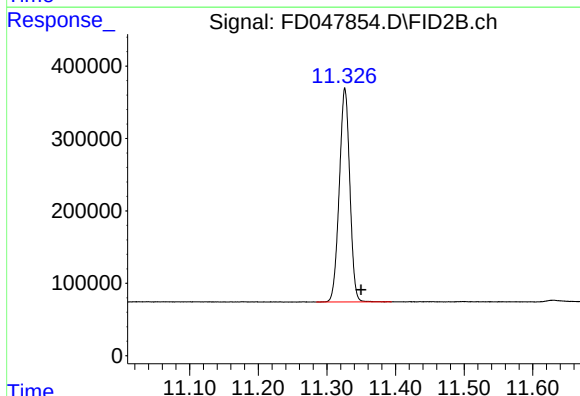
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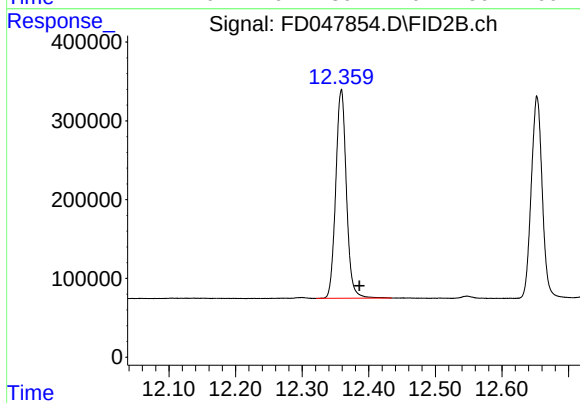
#10 Anthracene (C19.43)

R.T.: 10.628 min
Delta R.T.: -0.027 min
Response: 2604848
Conc: 17.33 ug/ml



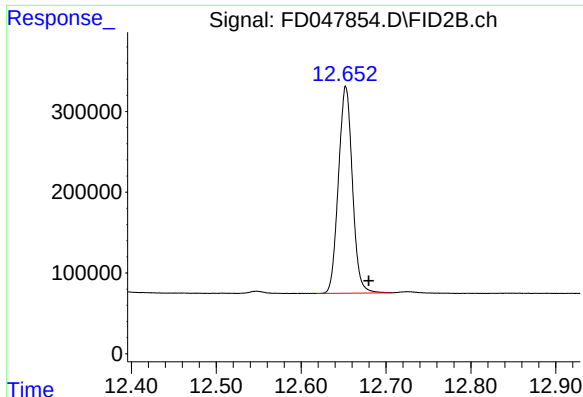
#11 ortho-Terphenyl (SURR)

R.T.: 11.326 min
Delta R.T.: -0.024 min
Response: 3139979
Conc: 19.64 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.359 min
Delta R.T.: -0.027 min
Response: 2942744
Conc: 19.39 ug/ml



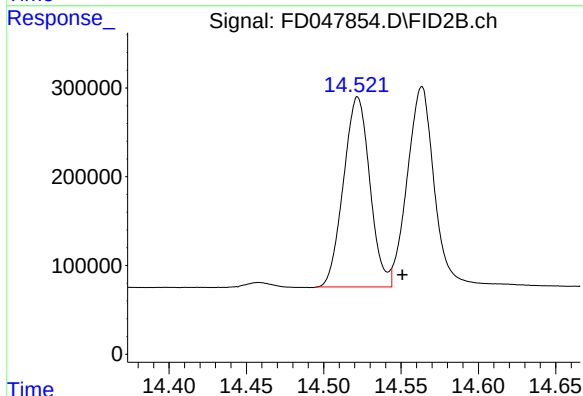
#13 Pyrene (C20.8)

R.T.: 12.653 min
Delta R.T.: -0.027 min
Response: 2926639
Conc: 19.41 ug/ml

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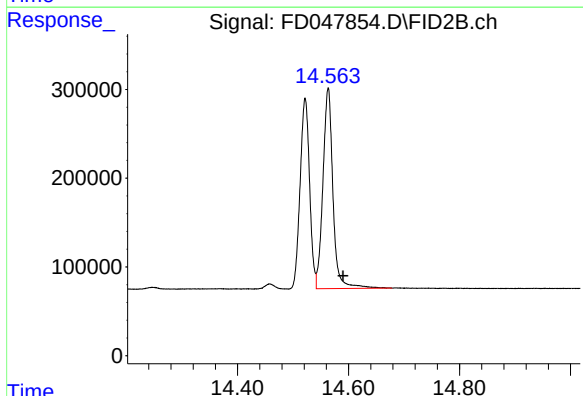
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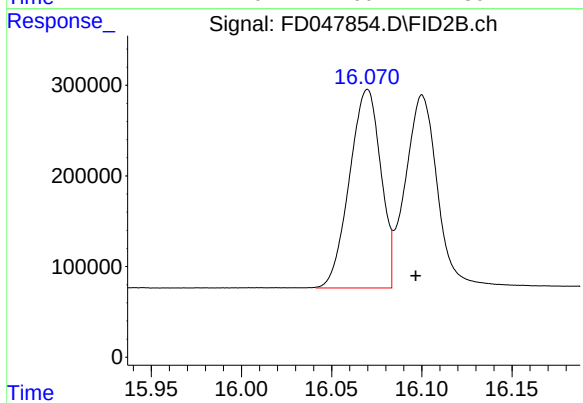
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.521 min
Delta R.T.: -0.030 min
Response: 2550234
Conc: 18.60 ug/ml m



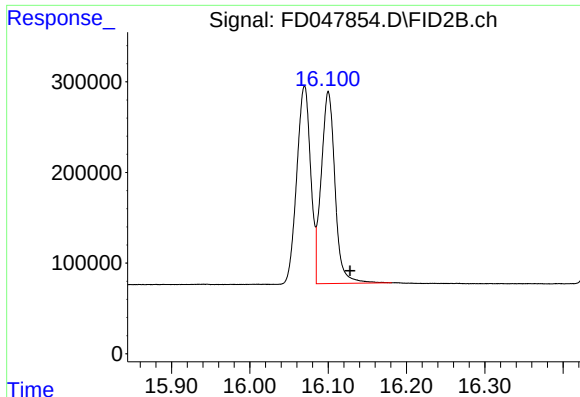
#15 Chrysene (C27.41)

R.T.: 14.563 min
Delta R.T.: -0.027 min
Response: 2838994
Conc: 19.27 ug/ml



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

R.T.: 16.070 min
Delta R.T.: -0.027 min
Response: 2654007
Conc: 18.86 ug/ml m



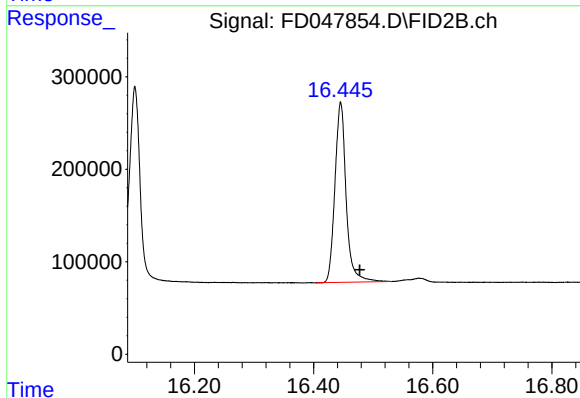
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.100 min
Delta R.T.: -0.028 min
Response: 2599144
Conc: 19.09 ug/ml

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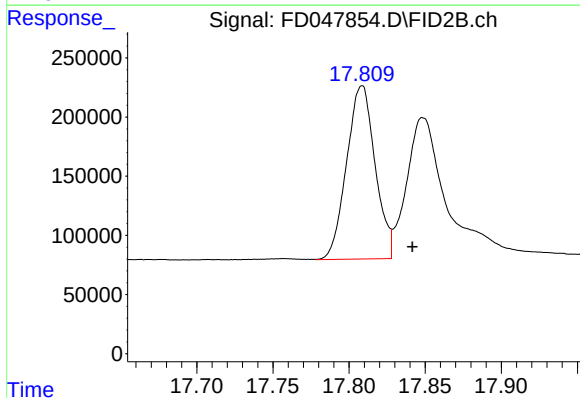
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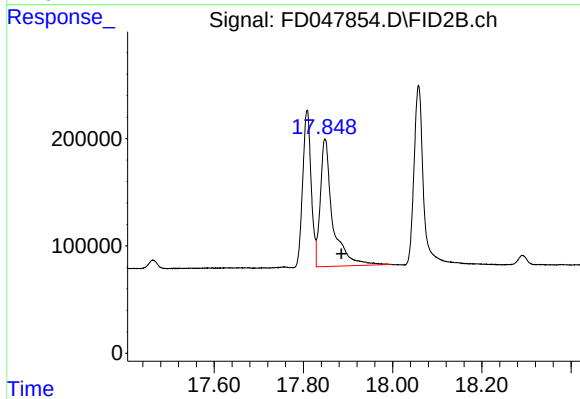
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.445 min
Delta R.T.: -0.032 min
Response: 2546357
Conc: 18.40 ug/ml



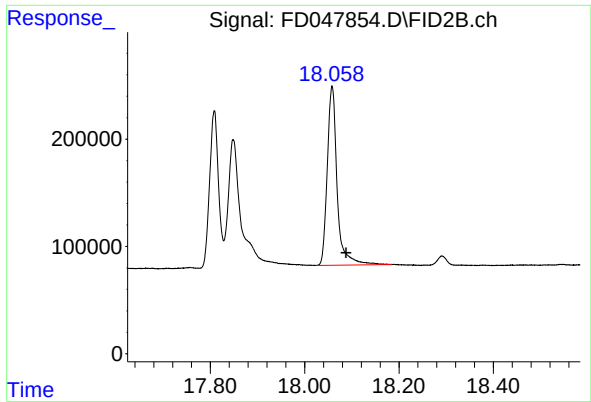
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.808 min
Delta R.T.: -0.033 min
Response: 1908294
Conc: 16.55 ug/ml m



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

R.T.: 17.849 min
Delta R.T.: -0.036 min
Response: 2299891
Conc: 17.25 ug/ml



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

R.T.: 18.058 min
Delta R.T.: -0.030 min
Response: 2428037
Conc: 18.26 ug/ml

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