

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042424AR\
 Data File : FD047586.D
 Signal(s) : FID2B.ch
 Acq On : 25 Apr 2024 13:11
 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 04/26/2024
 Supervised By :Ankita Jodhani 04/26/2024

Integration File: autoint1.e
 Quant Time: Apr 26 01:25:26 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 040224.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 01 16:48:10 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...	7.460	3004332	20.096 ug/ml
Spiked Amount 50.000		Recovery =	40.19%
6) S 2-Fluorobiphenyl (SURR)	8.313	1980084	20.265 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.53%
11) S ortho-Terphenyl (SURR)	11.351	3470062	20.242 ug/ml
Spiked Amount 50.000		Recovery =	40.48%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.276	3165305	20.032 ug/ml
2) T Naphthalene (C11.7)	5.800	3296544	20.145 ug/ml
3) T 2-Methylnaphthalene (...)	6.848	3325313	20.217 ug/ml
5) T Acenaphthylene (C15.06)	8.117	3036707	20.119 ug/mlm
7) T Acenaphthene (C15.5)	8.412	3228985	20.161 ug/ml
8) T Flouorene (C16.55)	9.190	3106437	20.080 ug/ml
9) T Phenanthrene (C19.36)	10.578	3041814	20.445 ug/ml
10) T Anthracene (C19.43)	10.654	2707425	19.907 ug/ml
12) T Fluoranthene (C21.85)	12.384	3000532	20.297 ug/ml
13) T Pyrene (C20.8)	12.678	2923197	20.255 ug/ml
14) T Benzo[a]anthracene (C...	14.546	2697739	20.513 ug/ml
15) T Chrysene (C27.41)	14.588	2950227	20.922 ug/ml
16) T benzo[b]fluoranthene ...	16.092	2834350	20.316 ug/ml
17) T Bnezo[k]fluoranthene ...	16.124	2898242	20.837 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.467	2799057	20.386 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.829	2543144	18.853 ug/ml
20) T Dibenz[a,h]anthracene...	17.870	2826373	21.030 ug/ml
21) T Benzo[g,h,i]perylene ...	18.080	2752029	19.829 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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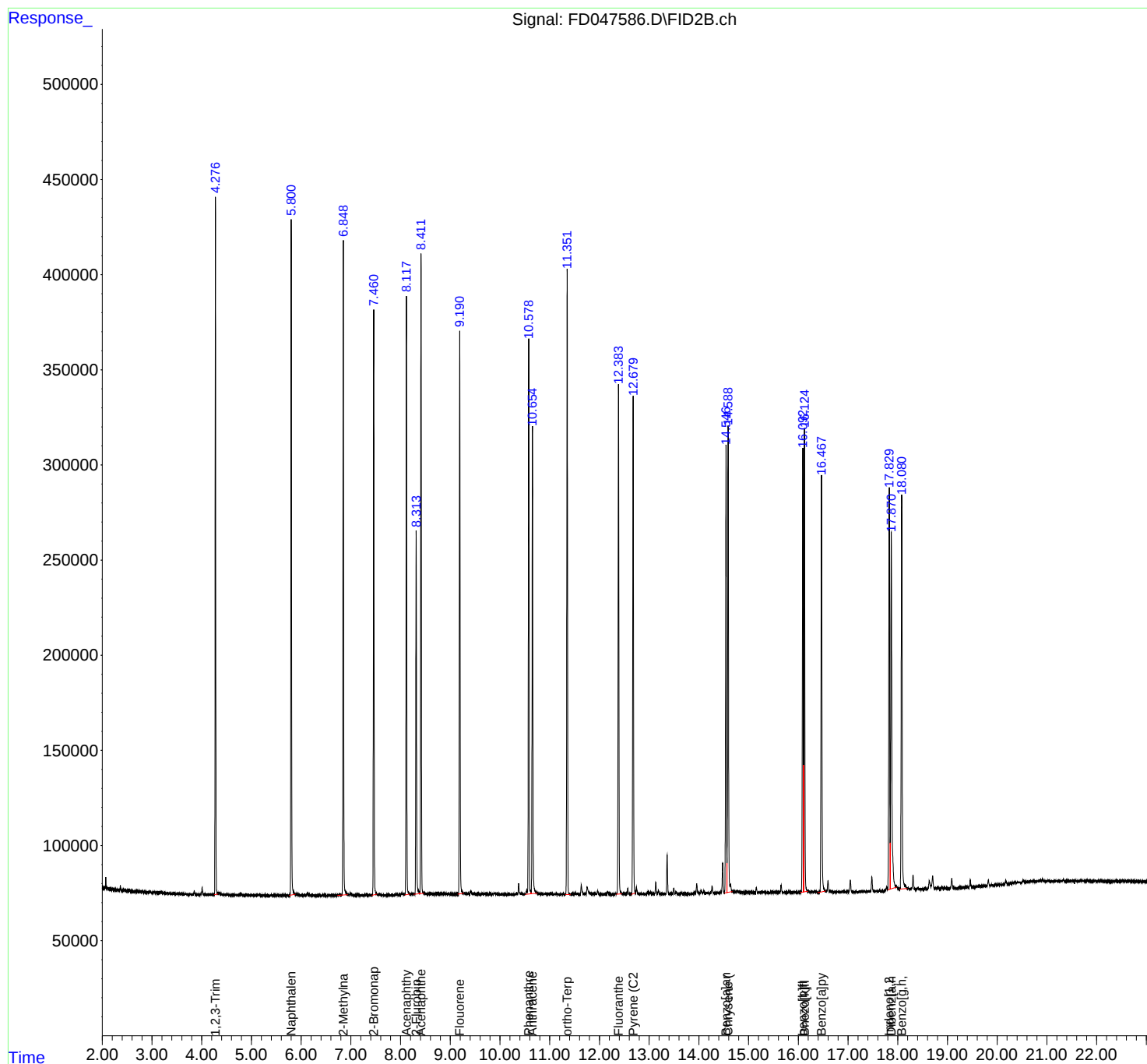
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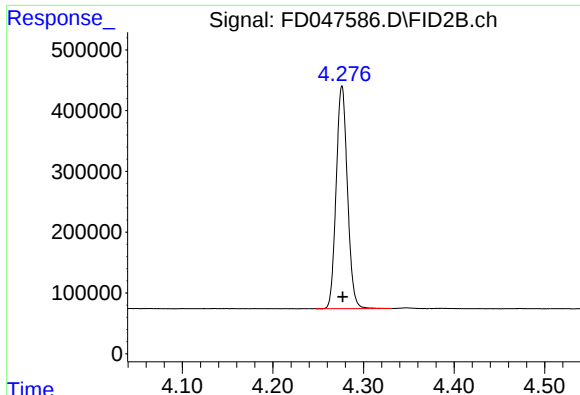
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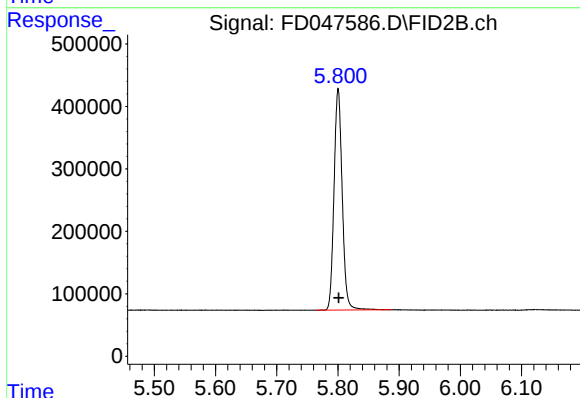
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.276 min
Delta R.T.: 0.000 min
Response: 3165305
Conc: 20.03 ug/ml

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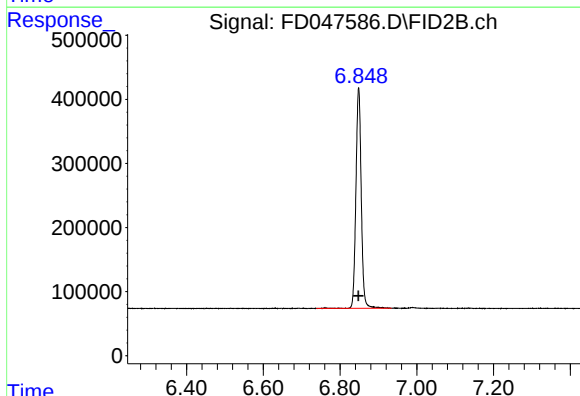
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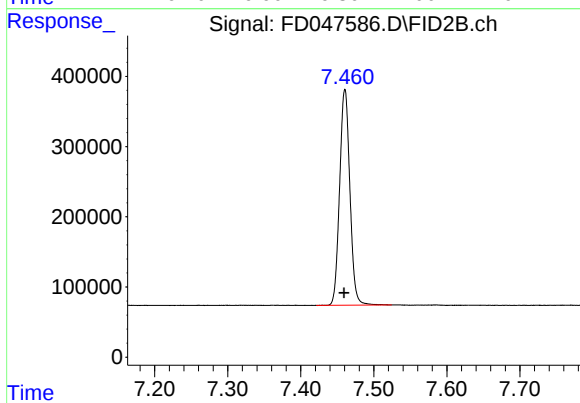
#2 Naphthalene (C11.7)

R.T.: 5.800 min
Delta R.T.: 0.000 min
Response: 3296544
Conc: 20.14 ug/ml



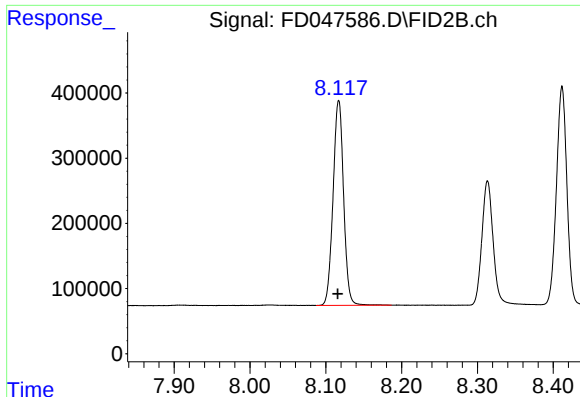
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.848 min
Delta R.T.: 0.000 min
Response: 3325313
Conc: 20.22 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.460 min
Delta R.T.: 0.001 min
Response: 3004332
Conc: 20.10 ug/ml



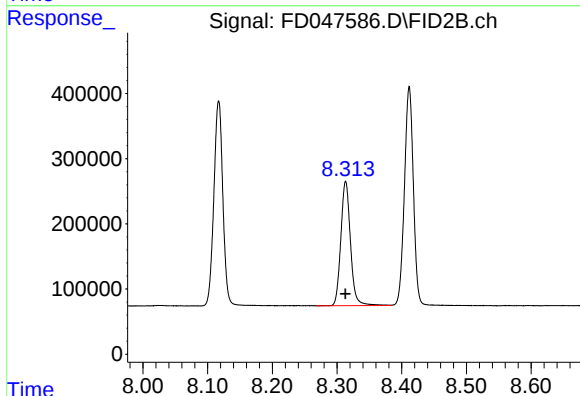
#5 Acenaphthylene (C15.06)

R.T.: 8.117 min
Delta R.T.: 0.000 min
Response: 3036707
Conc: 20.12 ug/ml

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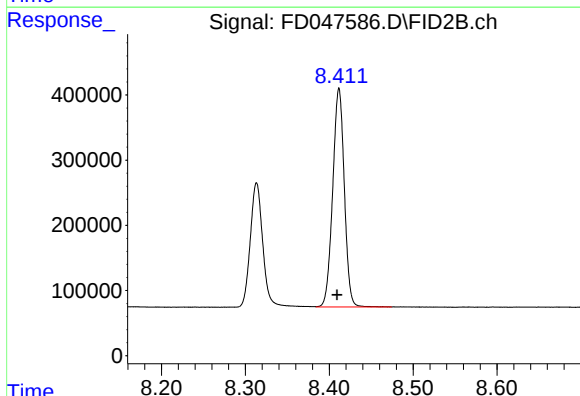
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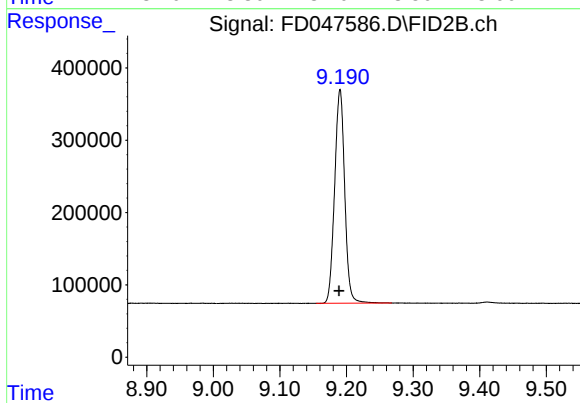
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.313 min
Delta R.T.: 0.000 min
Response: 1980084
Conc: 20.27 ug/ml



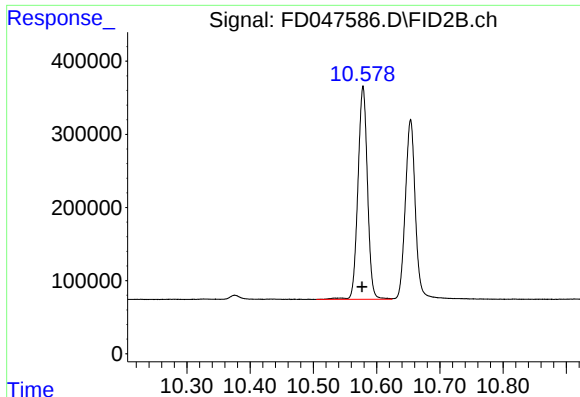
#7 Acenaphthene (C15.5)

R.T.: 8.412 min
Delta R.T.: 0.002 min
Response: 3228985
Conc: 20.16 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.190 min
Delta R.T.: 0.002 min
Response: 3106437
Conc: 20.08 ug/ml



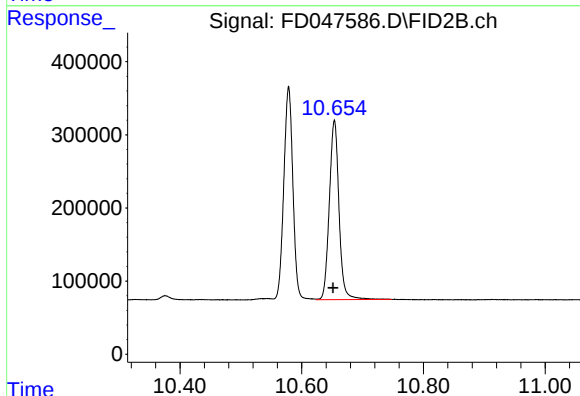
#9 Phenanthrene (C19.36)

R.T.: 10.578 min
Delta R.T.: 0.001 min
Response: 3041814
Conc: 20.44 ug/ml

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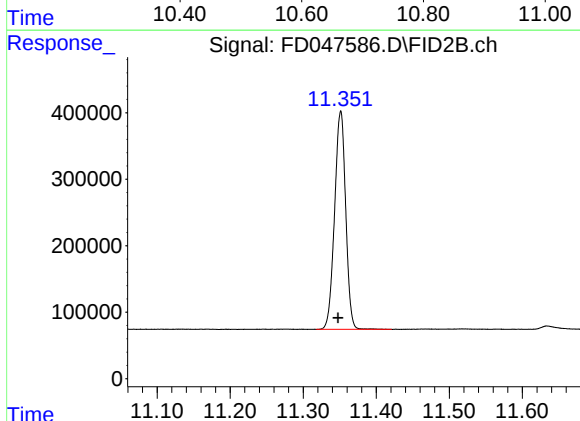
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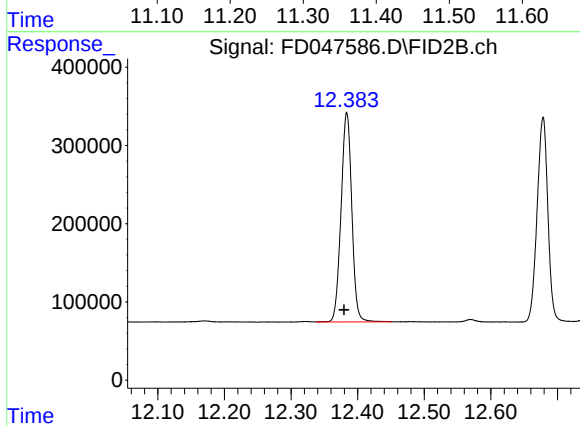
#10 Anthracene (C19.43)

R.T.: 10.654 min
Delta R.T.: 0.002 min
Response: 2707425
Conc: 19.91 ug/ml



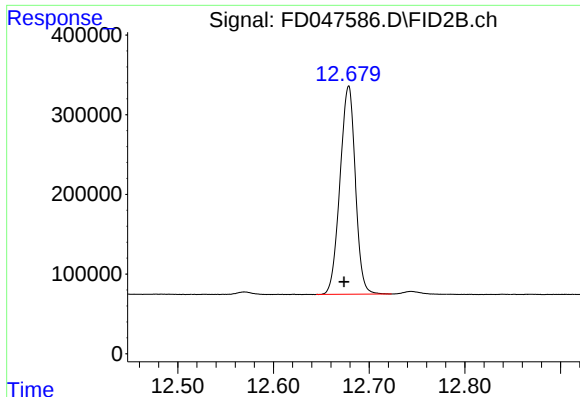
#11 ortho-Terphenyl (SURR)

R.T.: 11.351 min
Delta R.T.: 0.003 min
Response: 3470062
Conc: 20.24 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.384 min
Delta R.T.: 0.004 min
Response: 3000532
Conc: 20.30 ug/ml



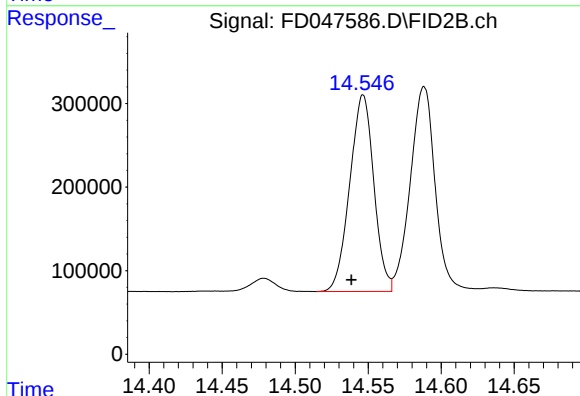
#13 Pyrene (C20.8)

R.T.: 12.678 min
Delta R.T.: 0.004 min
Response: 2923197
Conc: 20.25 ug/ml

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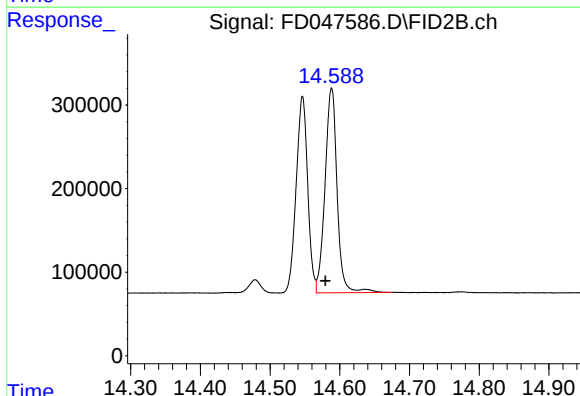
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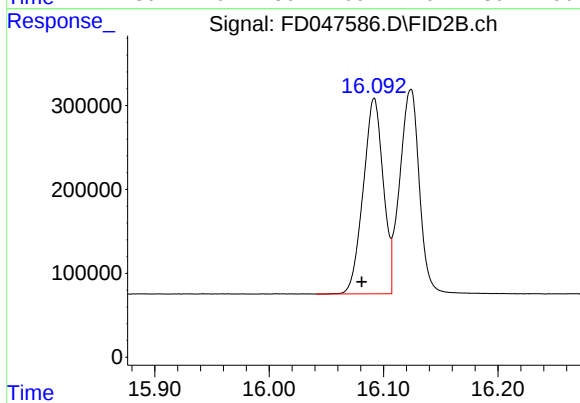
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.546 min
Delta R.T.: 0.008 min
Response: 2697739
Conc: 20.51 ug/ml



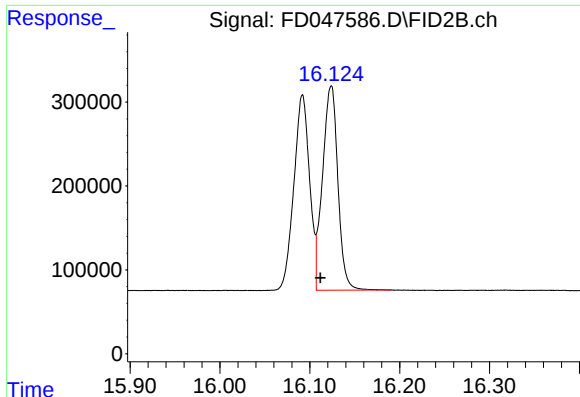
#15 Chrysene (C27.41)

R.T.: 14.588 min
Delta R.T.: 0.009 min
Response: 2950227
Conc: 20.92 ug/ml



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

R.T.: 16.092 min
Delta R.T.: 0.011 min
Response: 2834350
Conc: 20.32 ug/ml



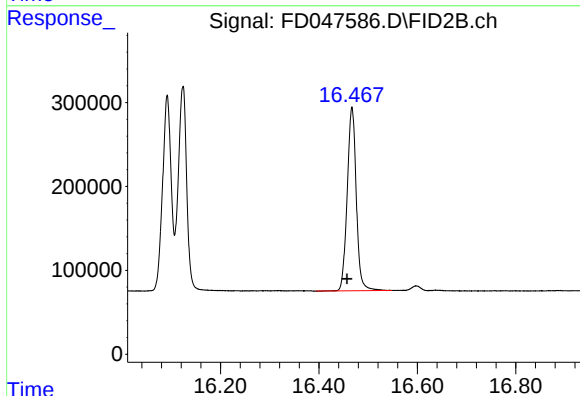
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.124 min
Delta R.T.: 0.012 min
Response: 2898242
Conc: 20.84 ug/ml

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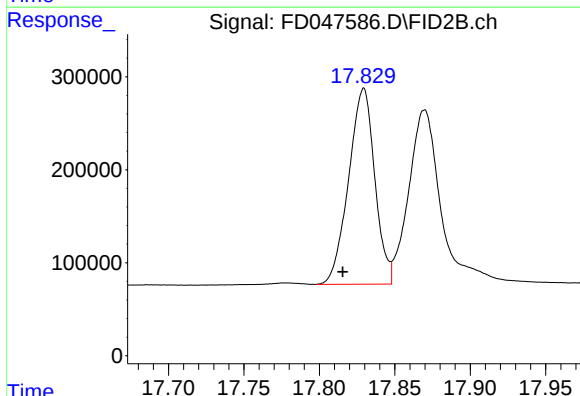
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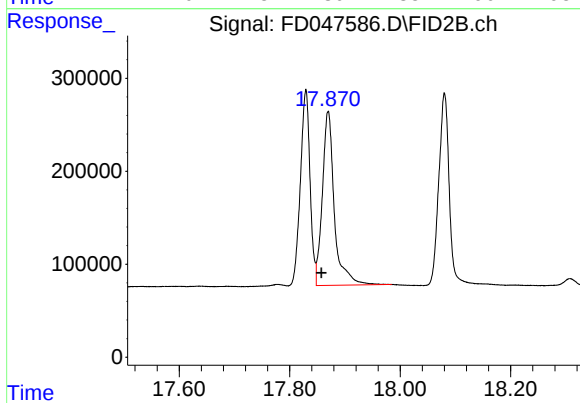
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.467 min
Delta R.T.: 0.010 min
Response: 2799057
Conc: 20.39 ug/ml



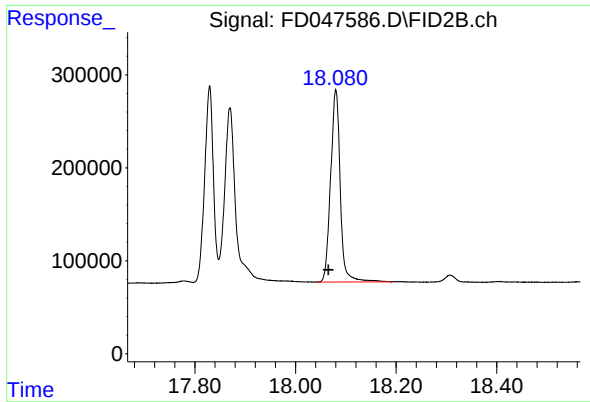
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.829 min
Delta R.T.: 0.013 min
Response: 2543144
Conc: 18.85 ug/ml



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

R.T.: 17.870 min
Delta R.T.: 0.012 min
Response: 2826373
Conc: 21.03 ug/ml



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

R.T.: 18.080 min
Delta R.T.: 0.015 min
Response: 2752029
Conc: 19.83 ug/ml

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