

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD060724AR\
 Data File : FD047884.D
 Signal(s) : FID2B.ch
 Acq On : 07 Jun 2024 17:36
 Operator : YP/AJ
 Sample : PB161384BSD
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

PB161384BSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 06/10/2024

Supervised By :Ankita Jodhani 06/10/2024

Integration File: autoint1.e

Quant Time: Jun 08 04:02:13 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...	7.431	6957564	49.558 ug/ml
Spiked Amount 50.000		Recovery =	99.12%
6) S 2-Fluorobiphenyl (SURR)	8.284	4165734	44.981 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	89.96%
11) S ortho-Terphenyl (SURR)	11.324	6727446	42.076 ug/ml
Spiked Amount 50.000		Recovery =	84.15%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.246	6033371	38.201 ug/ml
2) T Naphthalene (C11.7)	5.769	7117636	43.606 ug/ml
3) T 2-Methylnaphthalene (...)	6.819	7469102	45.328 ug/ml
5) T Acenaphthylene (C15.06)	8.088	8011974	49.019 ug/ml
7) T Acenaphthene (C15.5)	8.383	7880710	48.265 ug/ml
8) T Flouorene (C16.55)	9.162	8241676	52.390 ug/ml
9) T Phenanthrene (C19.36)	10.553	8662386	56.174 ug/ml
10) T Anthracene (C19.43)	10.628	8712723	57.956 ug/ml
12) T Fluoranthene (C21.85)	12.360	9279030	61.145 ug/ml
13) T Pyrene (C20.8)	12.654	9119377	60.491 ug/ml
14) T Benzo[a]anthracene (C...	14.524	8366447	61.032 ug/mlm
15) T Chrysene (C27.41)	14.568	8427029	57.203 ug/mlm
16) T benzo[b]fluoranthene ...	16.073	8348511	59.318 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.108	8181283	60.077 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.450	7857554	56.767 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.817	7880611	68.360 ug/mlm
20) T Dibenz[a,h]anthracene...	17.854	7420695	55.650 ug/ml
21) T Benzo[g,h,i]perylene ...	18.069	7390266	55.571 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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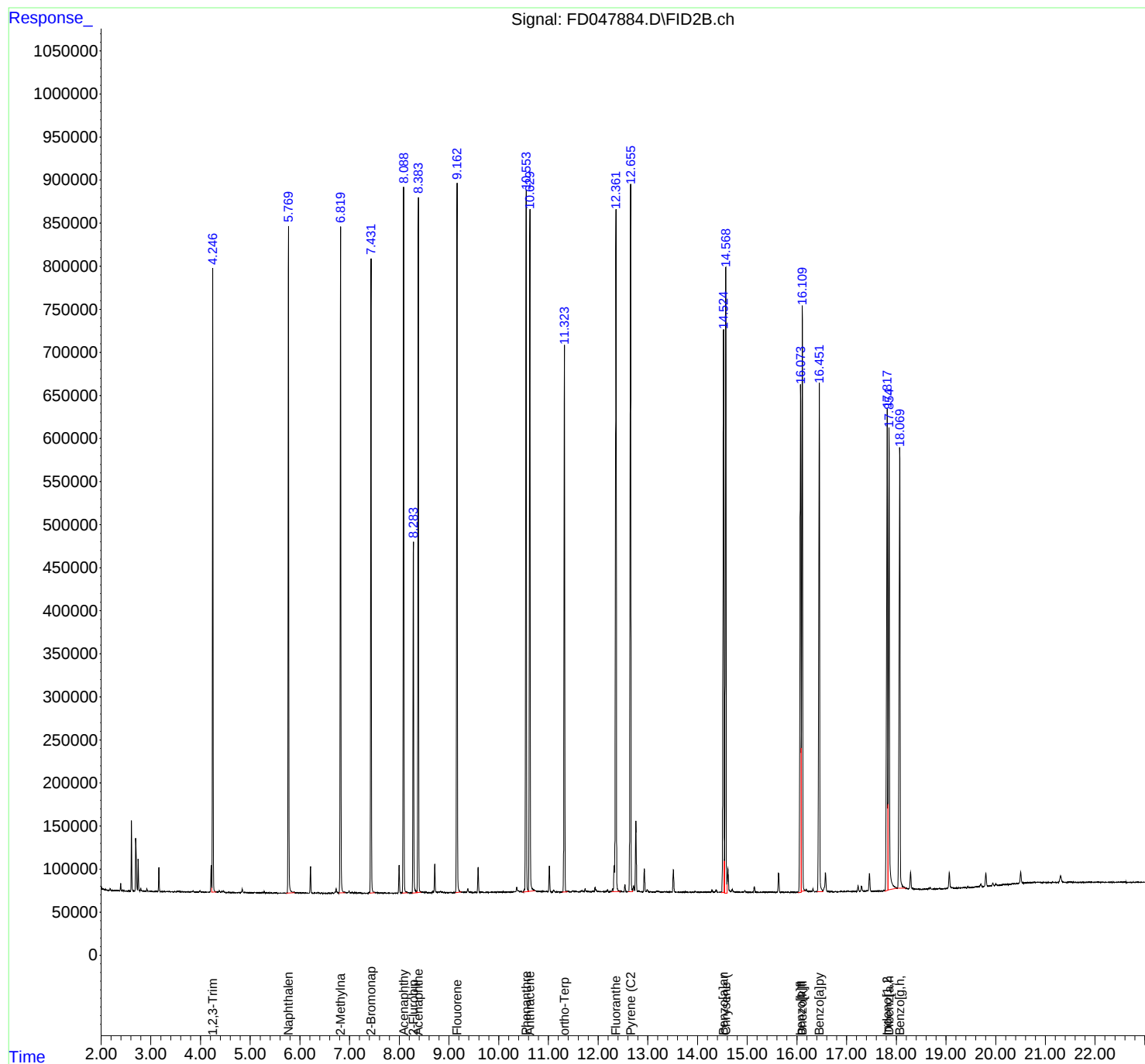
Instrument :
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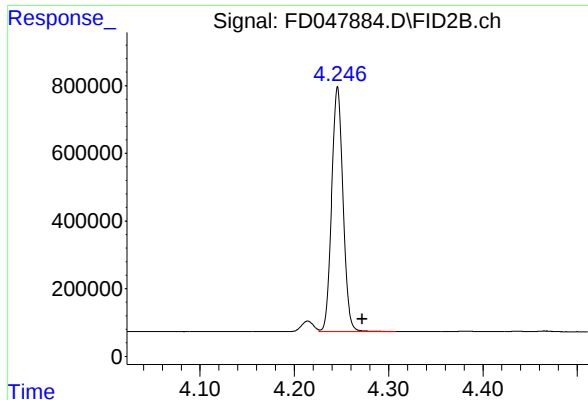
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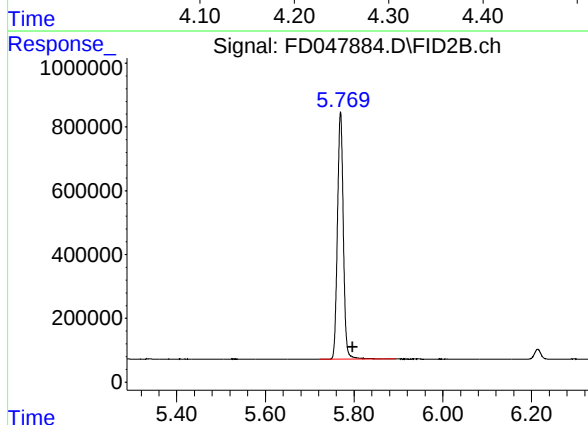
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.246 min
Delta R.T.: -0.026 min
Response: 6033371
Conc: 38.20 ug/ml

Instrument :
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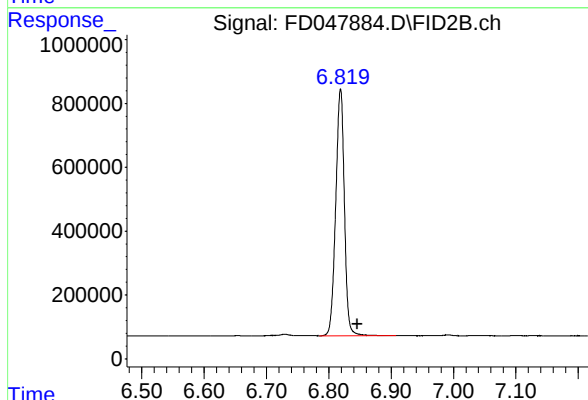
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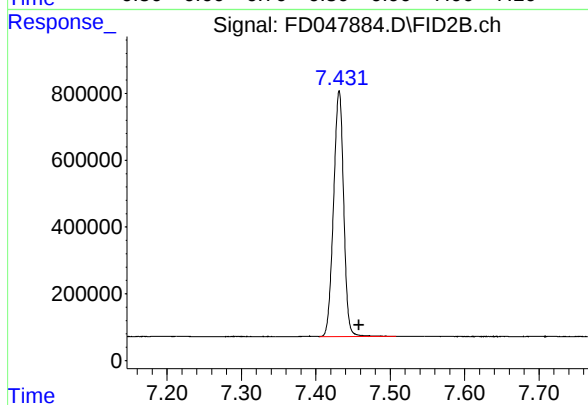
#2 Naphthalene (C11.7)

R.T.: 5.769 min
Delta R.T.: -0.028 min
Response: 7117636
Conc: 43.61 ug/ml



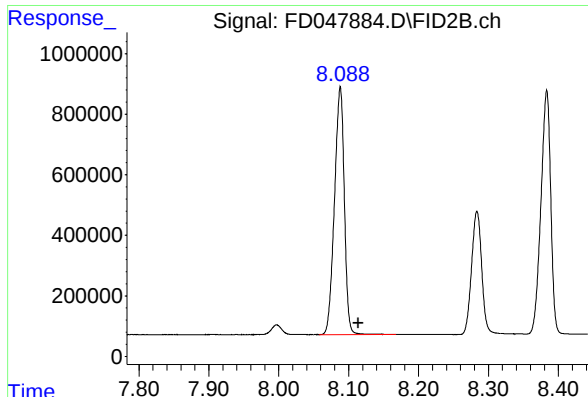
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.819 min
Delta R.T.: -0.027 min
Response: 7469102
Conc: 45.33 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.431 min
Delta R.T.: -0.027 min
Response: 6957564
Conc: 49.56 ug/ml



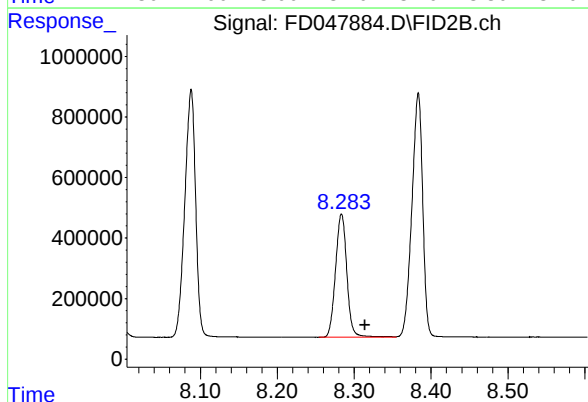
#5 Acenaphthylene (C15.06)

R.T.: 8.088 min
Delta R.T.: -0.026 min
Response: 8011974
Conc: 49.02 ug/ml

Instrument :
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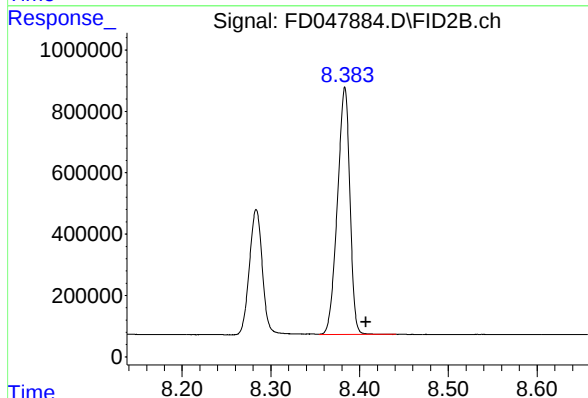
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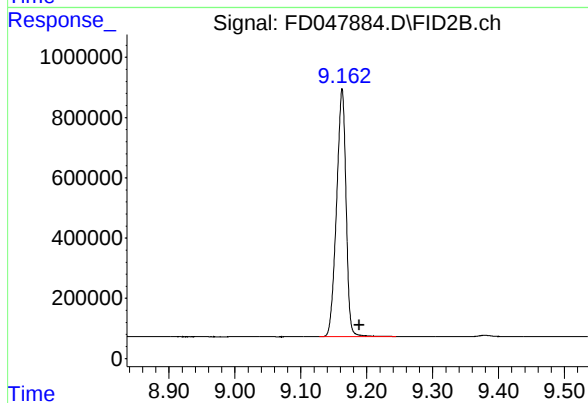
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.284 min
Delta R.T.: -0.030 min
Response: 4165734
Conc: 44.98 ug/ml



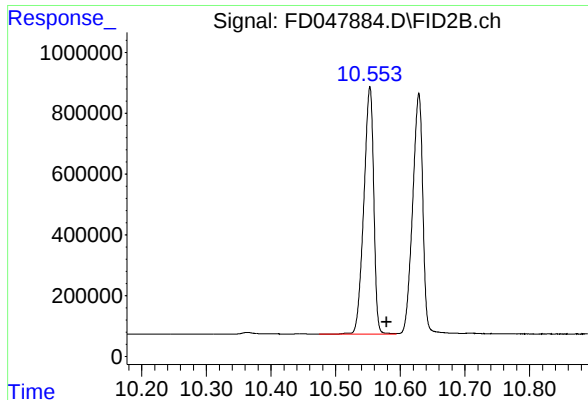
#7 Acenaphthene (C15.5)

R.T.: 8.383 min
Delta R.T.: -0.024 min
Response: 7880710
Conc: 48.26 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.162 min
Delta R.T.: -0.027 min
Response: 8241676
Conc: 52.39 ug/ml



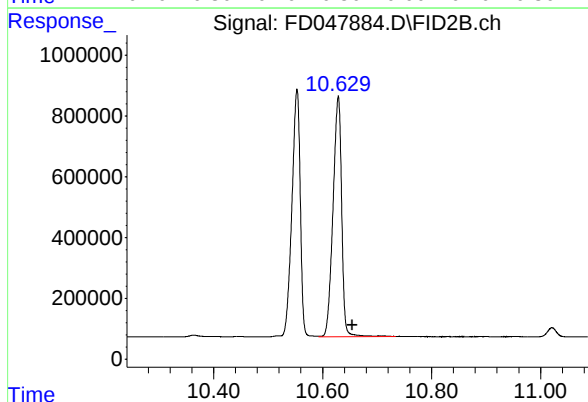
#9 Phenanthrene (C19.36)

R.T.: 10.553 min
Delta R.T.: -0.026 min
Response: 8662386
Conc: 56.17 ug/ml

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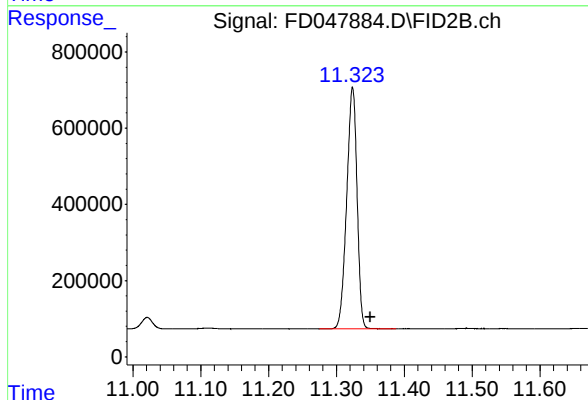
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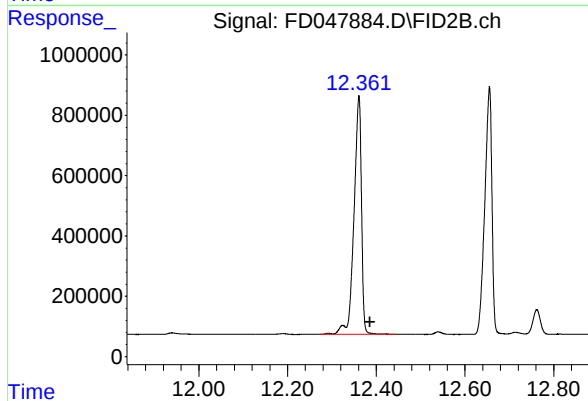
#10 Anthracene (C19.43)

R.T.: 10.628 min
Delta R.T.: -0.027 min
Response: 8712723
Conc: 57.96 ug/ml



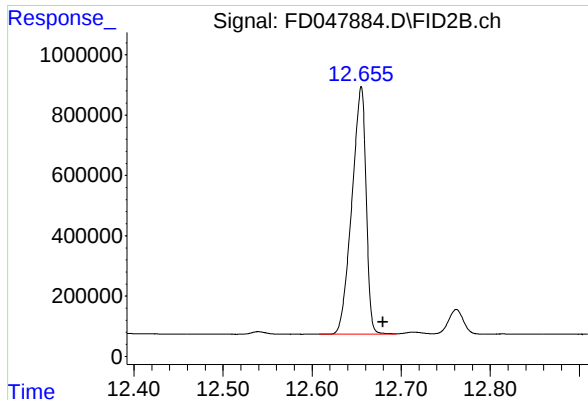
#11 ortho-Terphenyl (SURRE)

R.T.: 11.324 min
Delta R.T.: -0.026 min
Response: 6727446
Conc: 42.08 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.360 min
Delta R.T.: -0.026 min
Response: 9279030
Conc: 61.14 ug/ml



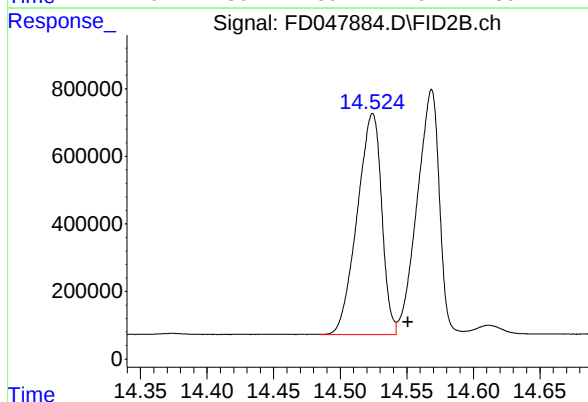
#13 Pyrene (C20.8)

R.T.: 12.654 min
Delta R.T.: -0.025 min
Response: 9119377
Conc: 60.49 ug/ml

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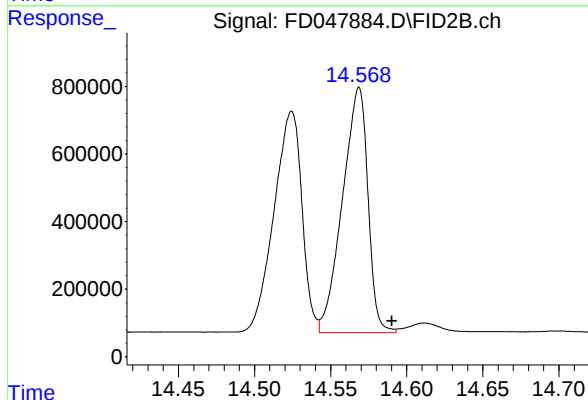
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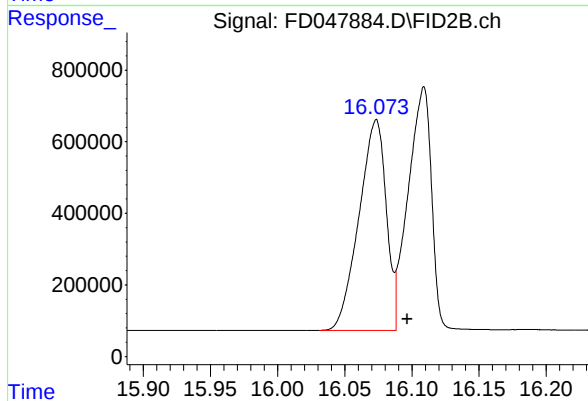
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.524 min
Delta R.T.: -0.027 min
Response: 8366447
Conc: 61.03 ug/ml m



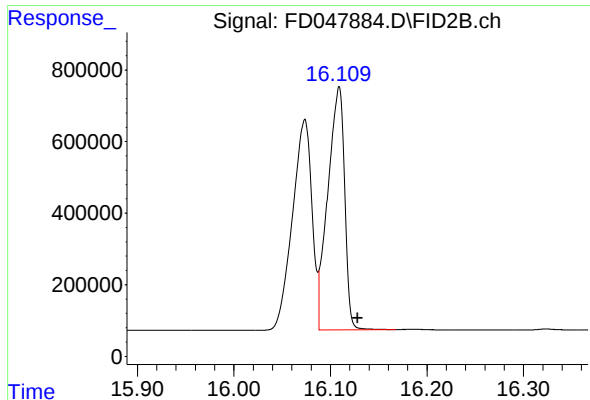
#15 Chrysene (C27.41)

R.T.: 14.568 min
Delta R.T.: -0.022 min
Response: 8427029
Conc: 57.20 ug/ml m



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

R.T.: 16.073 min
Delta R.T.: -0.023 min
Response: 8348511
Conc: 59.32 ug/ml m



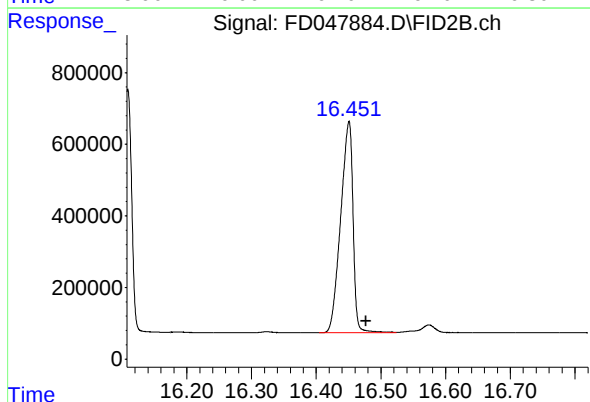
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.108 min
Delta R.T.: -0.020 min
Response: 8181283
Conc: 60.08 ug/ml

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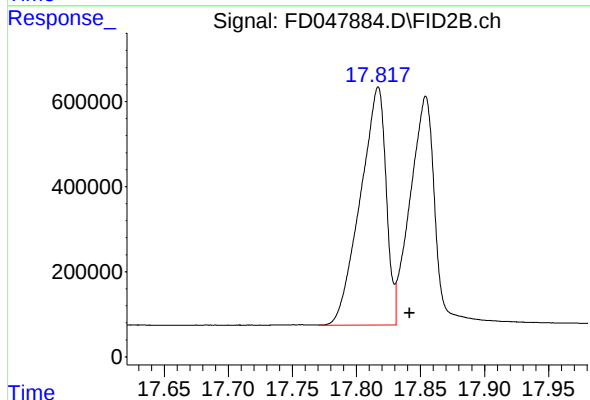
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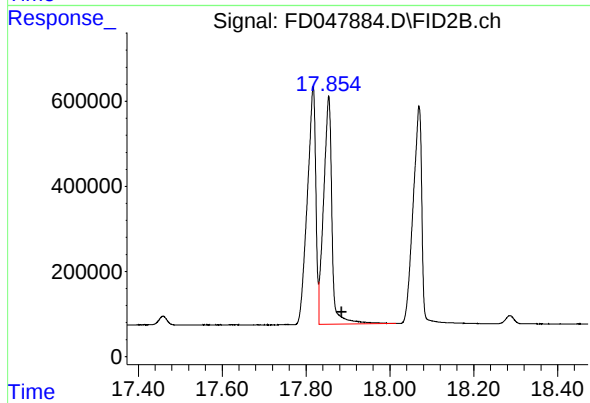
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.450 min
Delta R.T.: -0.027 min
Response: 7857554
Conc: 56.77 ug/ml



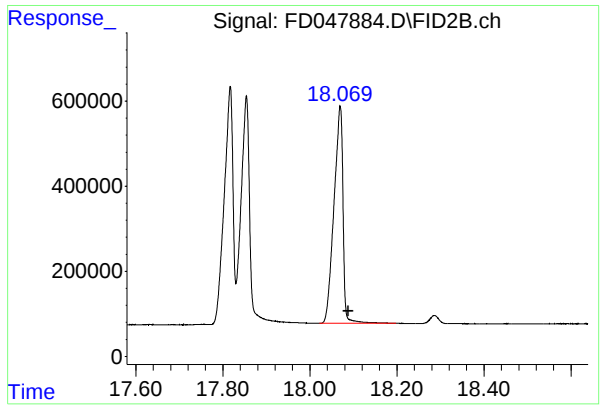
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.817 min
Delta R.T.: -0.025 min
Response: 7880611
Conc: 68.36 ug/ml m



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

R.T.: 17.854 min
Delta R.T.: -0.031 min
Response: 7420695
Conc: 55.65 ug/ml



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

R.T.: 18.069 min
Delta R.T.: -0.019 min
Response: 7390266
Conc: 55.57 ug/ml

Instrument :

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