

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022224AR\
 Data File : FD047274.D
 Signal(s) : FID2B.ch
 Acq On : 22 Feb 2024 16:31
 Operator : YP/AJ
 Sample : PB159207BS
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB159207BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/23/2024
 Supervised By :Ankita Jodhani 02/23/2024

Integration File: autoint1.e
 Quant Time: Feb 23 03:42:37 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 020824.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 08 13:43:49 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...	7.468	13154819	86.407 ug/ml
Spiked Amount 50.000		Recovery =	172.81%
6) S 2-Fluorobiphenyl (SURR)	8.322	8529114	84.381 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	168.76%#
11) S ortho-Terphenyl (SURR)	11.360	11920051	67.586 ug/ml
Spiked Amount 50.000		Recovery =	135.17%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.280	8161419	51.770 ug/ml
2) T Naphthalene (C11.7)	5.806	9881426	59.456 ug/ml
3) T 2-Methylnaphthalene (...)	6.855	10403908	61.692 ug/ml
5) T Acenaphthylene (C15.06)	8.125	11028238	71.652 ug/ml
7) T Acenaphthene (C15.5)	8.421	10990884	66.680 ug/ml
8) T Flouorene (C16.55)	9.200	11521413	72.669 ug/ml
9) T Phenanthrene (C19.36)	10.590	11929711	76.789 ug/ml
10) T Anthracene (C19.43)	10.665	11311428	76.705 ug/ml
12) T Fluoranthene (C21.85)	12.396	12536309	80.968 ug/ml
13) T Pyrene (C20.8)	12.691	12506329	83.138 ug/ml
14) T Benzo[a]anthracene (C...	14.556	11815633	87.898 ug/ml
15) T Chrysene (C27.41)	14.602	11921480	81.413 ug/ml
16) T benzo[b]fluoranthene ...	16.100	11461603	83.245 ug/ml
17) T Bnezo[k]fluoranthene ...	16.140	11215493	80.828 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.478	10855523	80.188 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.840	11491641	91.026 ug/ml
20) T Dibenz[a,h]anthracene...	17.880	10234198	76.810 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.094	10355574	78.099 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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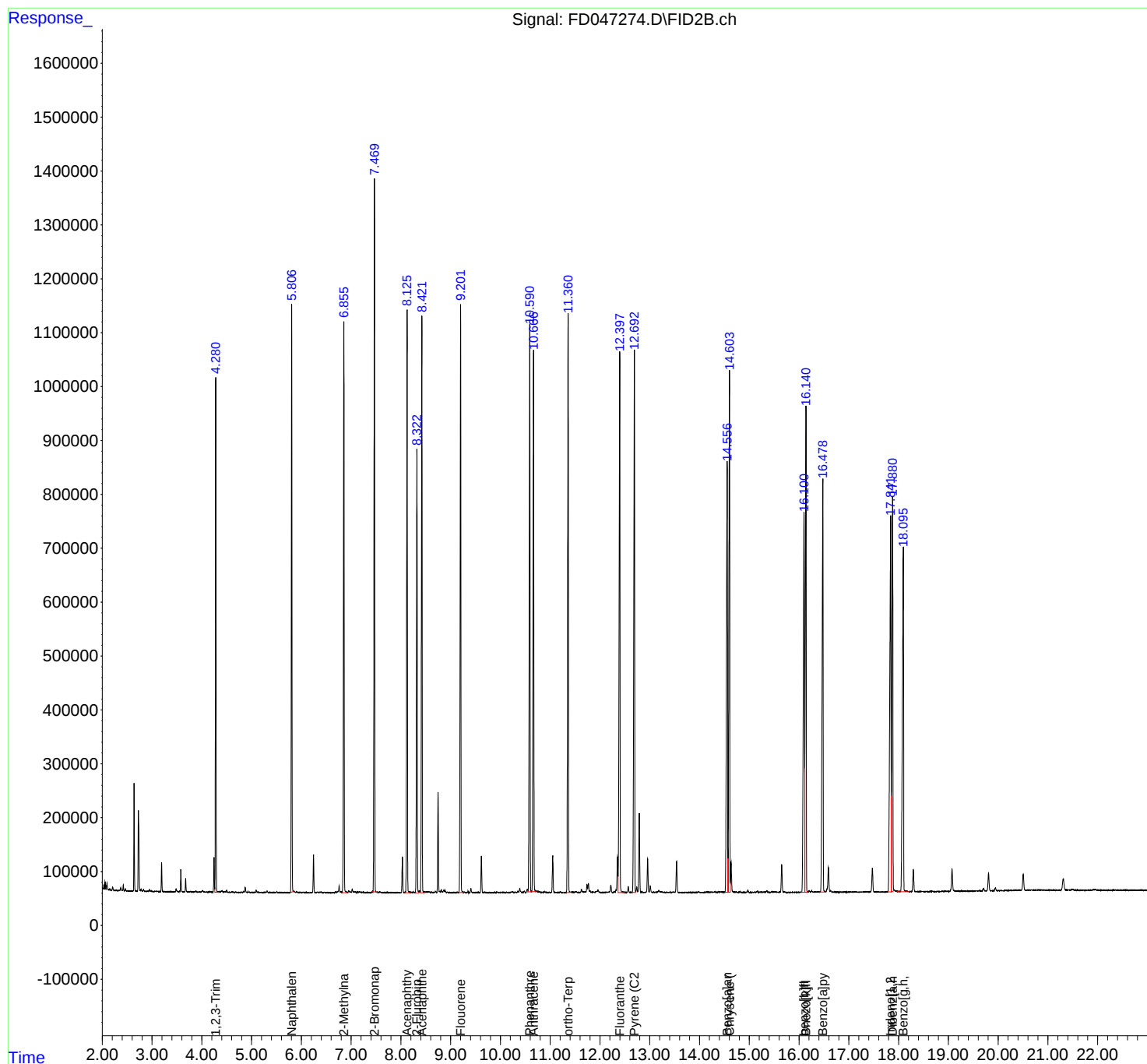
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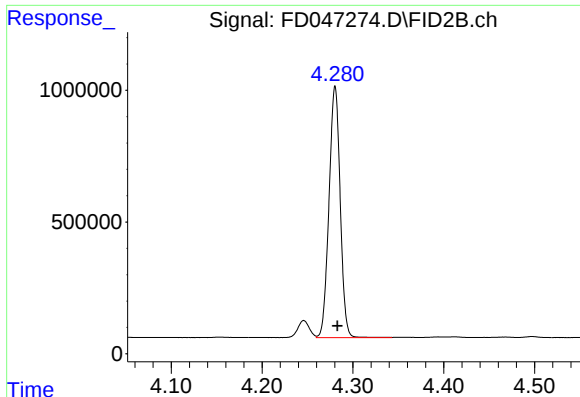
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#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.280 min
Delta R.T.: -0.003 min
Response: 8161419
Conc: 51.77 ug/ml

Instrument :

FID_D

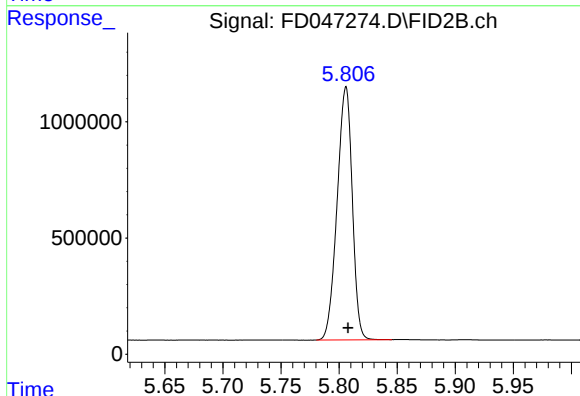
ClientSampleId :

PB159207BS

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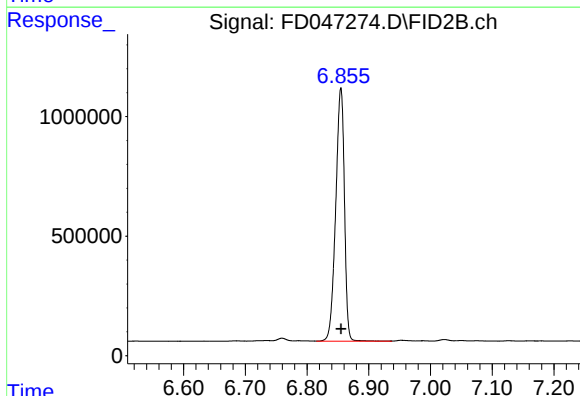
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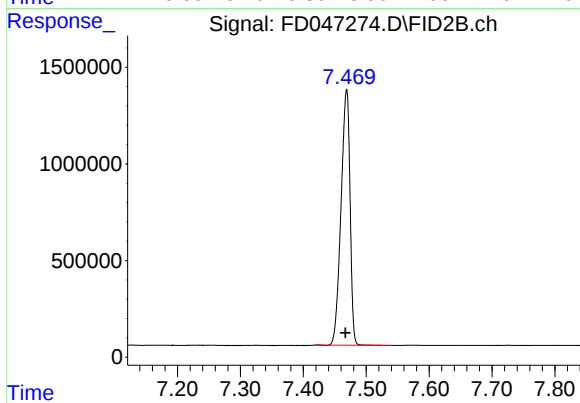
#2 Naphthalene (C11.7)

R.T.: 5.806 min
Delta R.T.: -0.002 min
Response: 9881426
Conc: 59.46 ug/ml



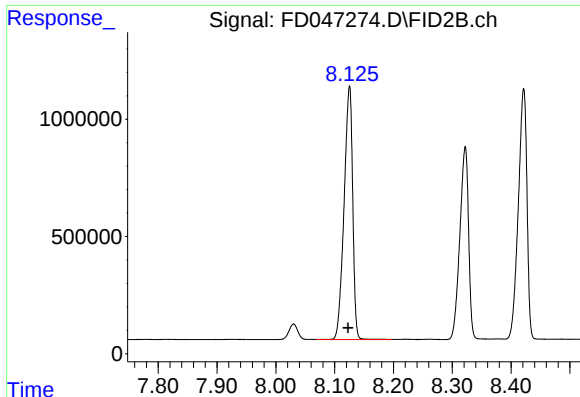
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.855 min
Delta R.T.: 0.000 min
Response: 10403908
Conc: 61.69 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.468 min
Delta R.T.: 0.001 min
Response: 13154819
Conc: 86.41 ug/ml



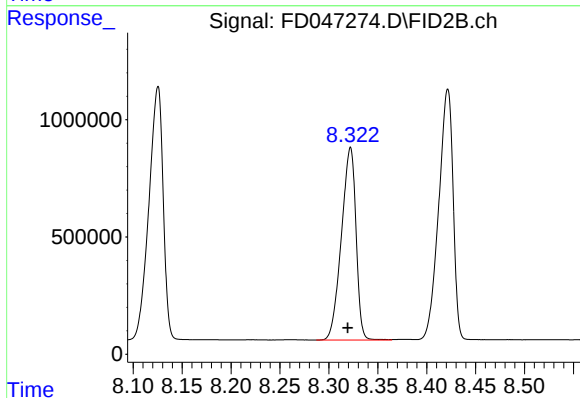
#5 Acenaphthylene (C15.06)

R.T.: 8.125 min
Delta R.T.: 0.002 min
Response: 11028238
Conc: 71.65 ug/ml

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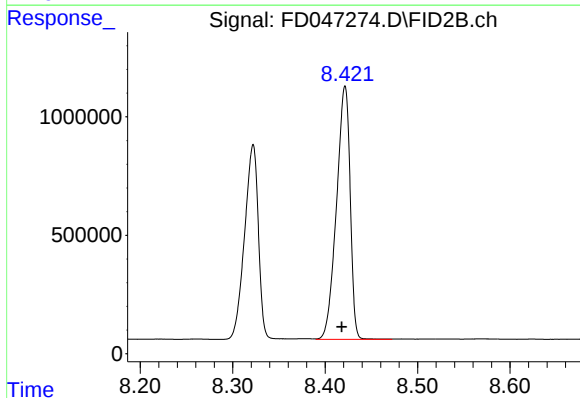
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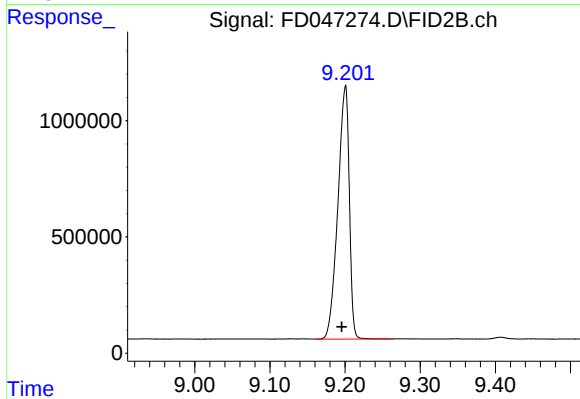
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.322 min
Delta R.T.: 0.002 min
Response: 8529114
Conc: 84.38 ug/ml



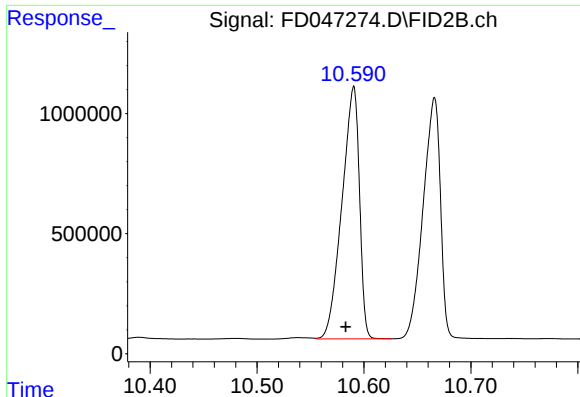
#7 Acenaphthene (C15.5)

R.T.: 8.421 min
Delta R.T.: 0.003 min
Response: 10990884
Conc: 66.68 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.200 min
Delta R.T.: 0.004 min
Response: 11521413
Conc: 72.67 ug/ml



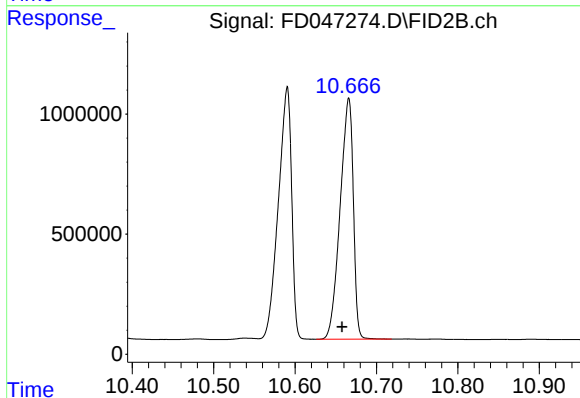
#9 Phenanthrene (C19.36)

R.T.: 10.590 min
Delta R.T.: 0.007 min
Response: 11929711
Conc: 76.79 ug/ml

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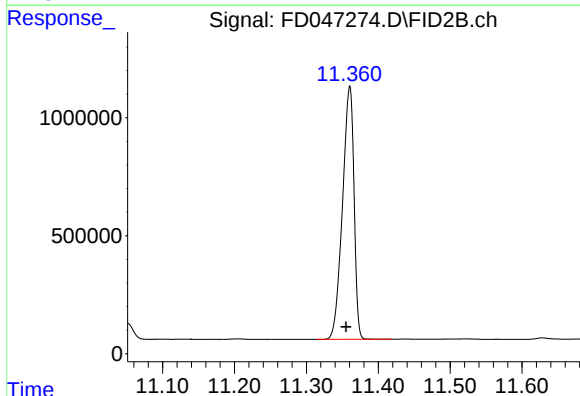
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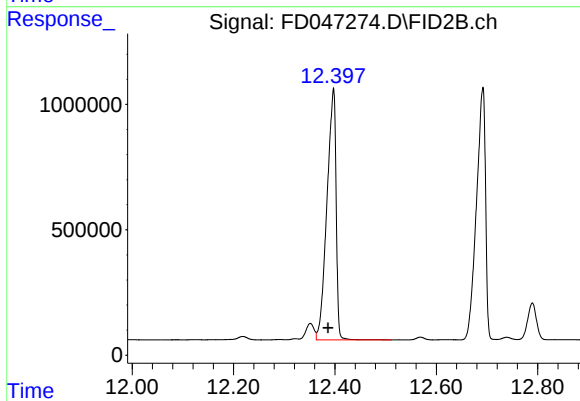
#10 Anthracene (C19.43)

R.T.: 10.665 min
Delta R.T.: 0.008 min
Response: 11311428
Conc: 76.70 ug/ml



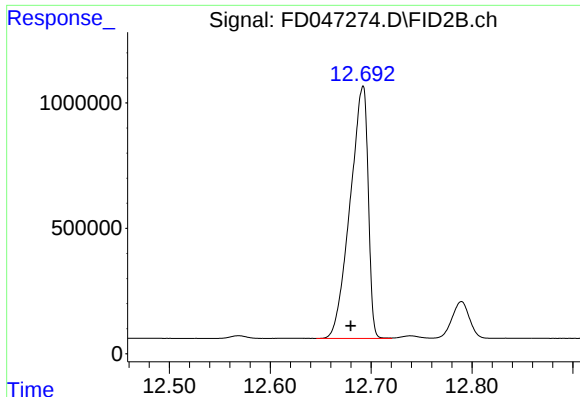
#11 ortho-Terphenyl (SURR)

R.T.: 11.360 min
Delta R.T.: 0.005 min
Response: 11920051
Conc: 67.59 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.396 min
Delta R.T.: 0.010 min
Response: 12536309
Conc: 80.97 ug/ml



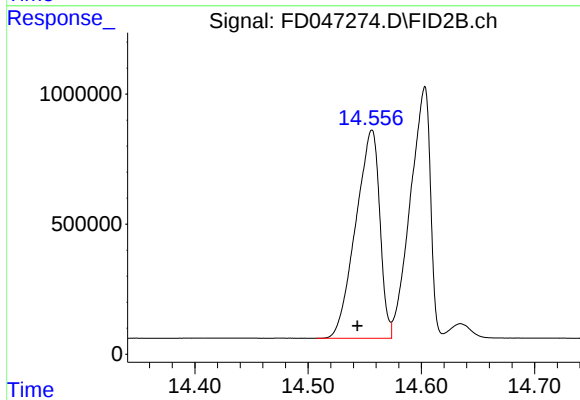
#13 Pyrene (C20.8)

R.T.: 12.691 min
Delta R.T.: 0.011 min
Response: 12506329
Conc: 83.14 ug/ml

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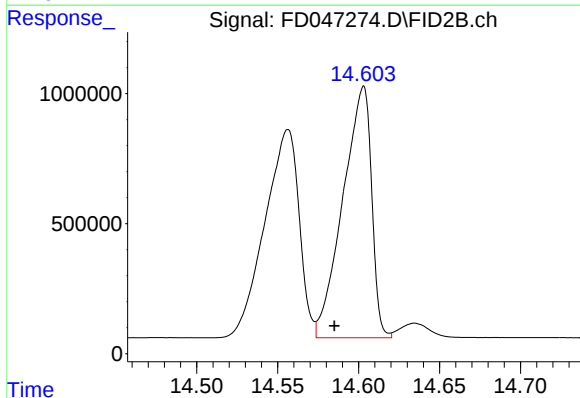
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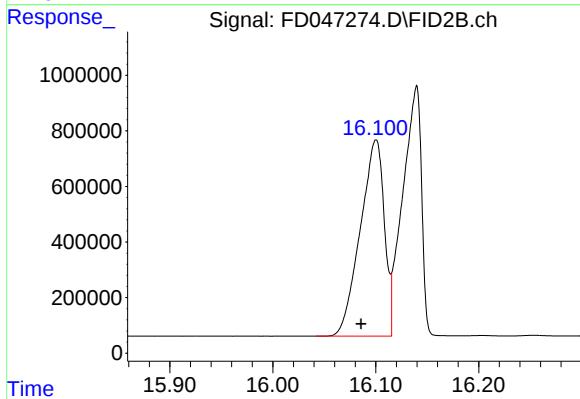
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.556 min
Delta R.T.: 0.012 min
Response: 11815633
Conc: 87.90 ug/ml



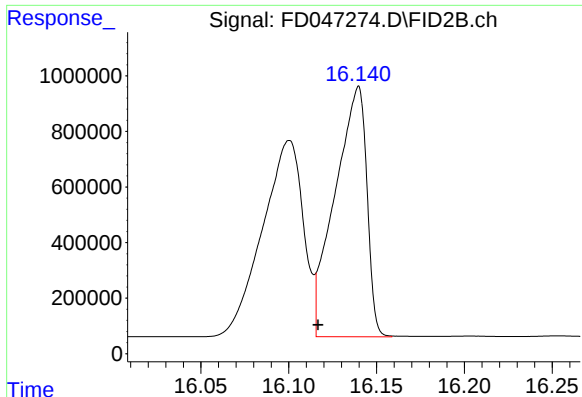
#15 Chrysene (C27.41)

R.T.: 14.602 min
Delta R.T.: 0.017 min
Response: 11921480
Conc: 81.41 ug/ml



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

R.T.: 16.100 min
Delta R.T.: 0.014 min
Response: 11461603
Conc: 83.25 ug/ml



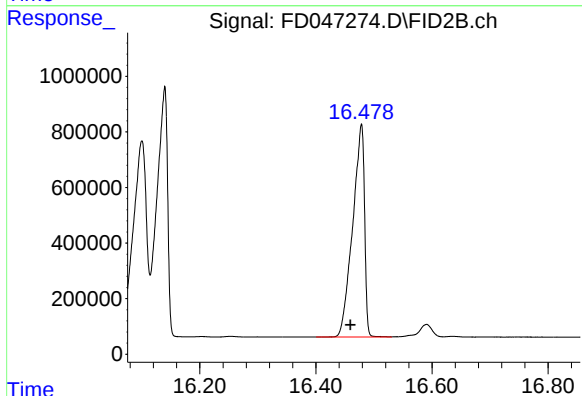
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.140 min
Delta R.T.: 0.023 min
Response: 11215493
Conc: 80.83 ug/ml

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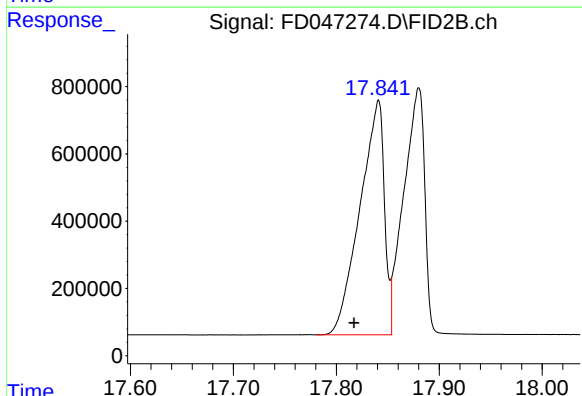
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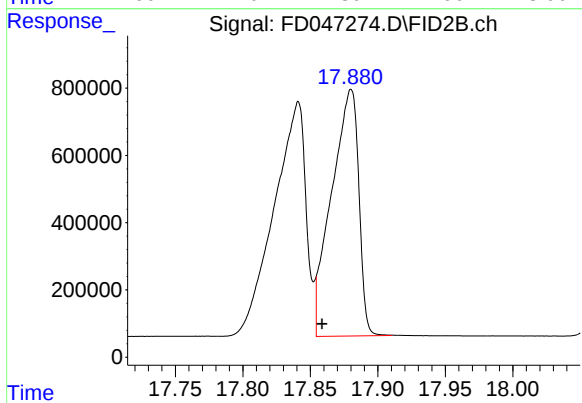
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.478 min
Delta R.T.: 0.018 min
Response: 10855523
Conc: 80.19 ug/ml



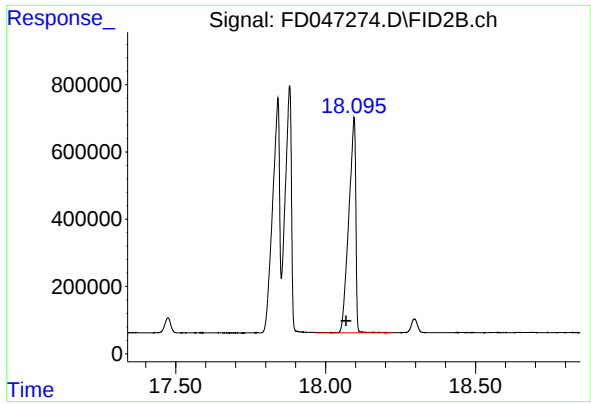
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.840 min
Delta R.T.: 0.023 min
Response: 11491641
Conc: 91.03 ug/ml



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

R.T.: 17.880 min
Delta R.T.: 0.021 min
Response: 10234198
Conc: 76.81 ug/ml m



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

R.T.: 18.094 min
Delta R.T.: 0.025 min
Response: 10355574
Conc: 78.10 ug/ml

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