

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022724AR\
 Data File : FD047347.D
 Signal(s) : FID2B.ch
 Acq On : 27 Feb 2024 18:04
 Operator : YP/AJ
 Sample : P1524-09MS
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20240768-AMENDED-COMP-39N-N-3-03MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/28/2024
 Supervised By :Ankita Jodhani 02/28/2024

Integration File: autoint1.e
 Quant Time: Feb 28 02:01:27 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...	7.469	13954210	91.658 ug/ml
Spiked Amount 50.000		Recovery =	183.32%
6) S 2-Fluorobiphenyl (SURR)	8.322	8653505	85.611 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	171.22%#
11) S ortho-Terphenyl (SURR)	11.361	14839141	84.137 ug/ml
Spiked Amount 50.000		Recovery =	168.27%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.286	15193784	96.378 ug/ml
2) T Naphthalene (C11.7)	5.811	18214608	109.597 ug/ml
3) T 2-Methylnaphthalene (...)	6.860	18694091	110.851 ug/ml
5) T Acenaphthylene (C15.06)	8.130	19155236	124.454 ug/ml
7) T Acenaphthene (C15.5)	8.427	19035111	115.483 ug/ml
8) T Flouorene (C16.55)	9.205	19480967	122.872 ug/ml
9) T Phenanthrene (C19.36)	10.595	19058459	122.676 ug/ml
10) T Anthracene (C19.43)	10.672	18929842	128.367 ug/ml
12) T Fluoranthene (C21.85)	12.402	18998726	122.706 ug/ml
13) T Pyrene (C20.8)	12.697	19058775	126.697 ug/ml
14) T Benzo[a]anthracene (C...	14.562	18005086	133.942 ug/ml
15) T Chrysene (C27.41)	14.612	18158778	124.008 ug/mlm
16) T benzo[b]fluoranthene ...	16.107	17524424	127.279 ug/ml
17) T Bnezo[k]fluoranthene ...	16.149	17044847	122.839 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.486	16488224	121.795 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.849	17973520	142.369 ug/ml
20) T Dibenz[a,h]anthracene...	17.891	15527244	116.535 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.106	15813532	119.262 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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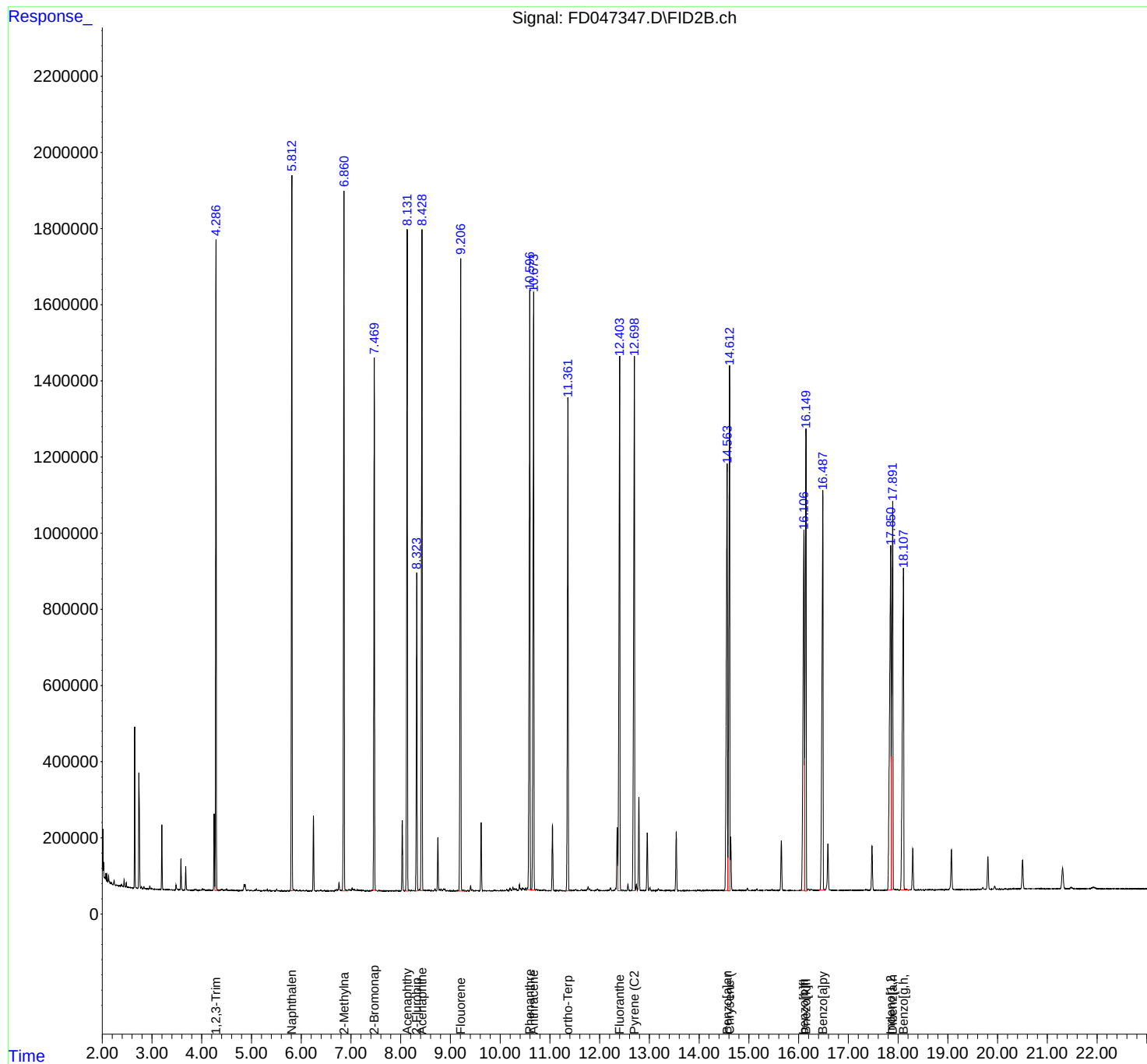
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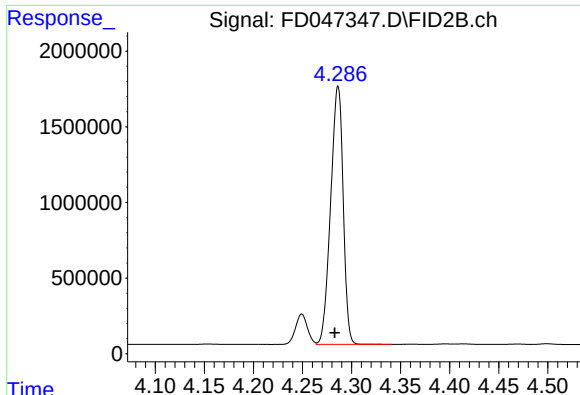
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#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.286 min
Delta R.T.: 0.003 min
Response: 15193784
Conc: 96.38 ug/ml

Instrument :

FID_D

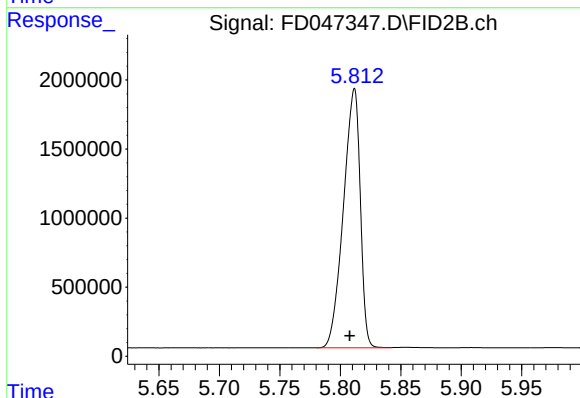
ClientSampleId :

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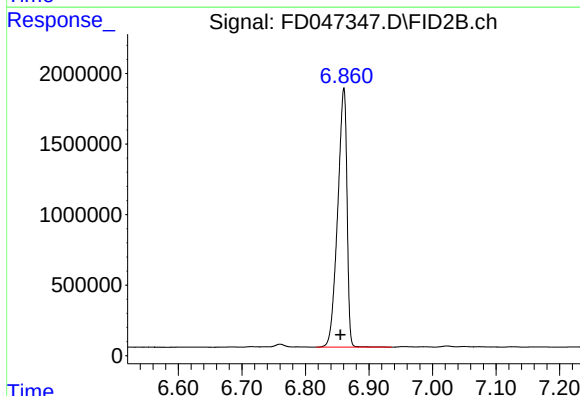
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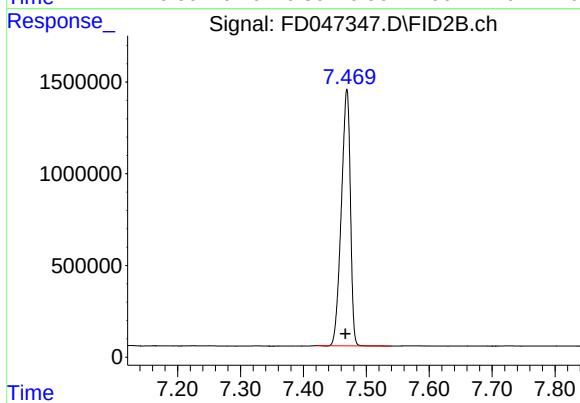
#2 Naphthalene (C11.7)

R.T.: 5.811 min
Delta R.T.: 0.003 min
Response: 18214608
Conc: 109.60 ug/ml



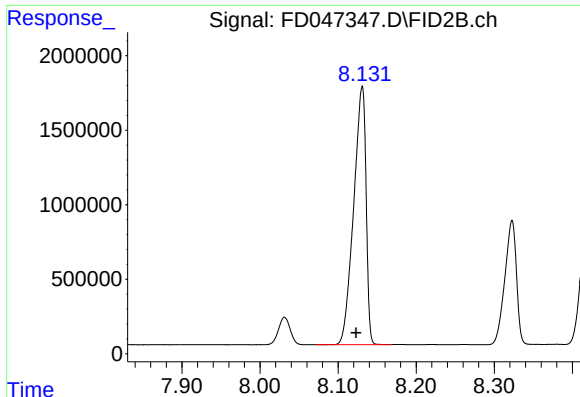
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.860 min
Delta R.T.: 0.005 min
Response: 18694091
Conc: 110.85 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.469 min
Delta R.T.: 0.002 min
Response: 13954210
Conc: 91.66 ug/ml



#5 Acenaphthylene (C15.06)

R.T.: 8.130 min
Delta R.T.: 0.007 min
Response: 19155236
Conc: 124.45 ug/ml

Instrument :

FID_D

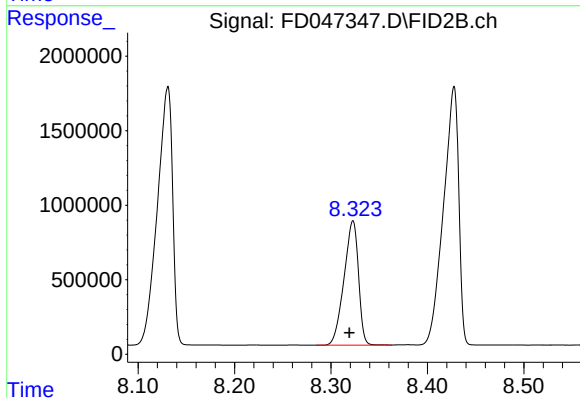
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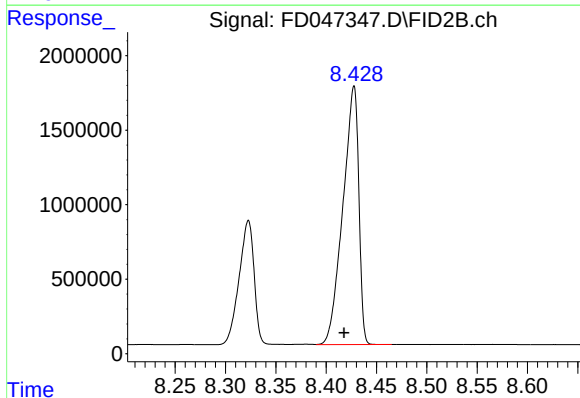
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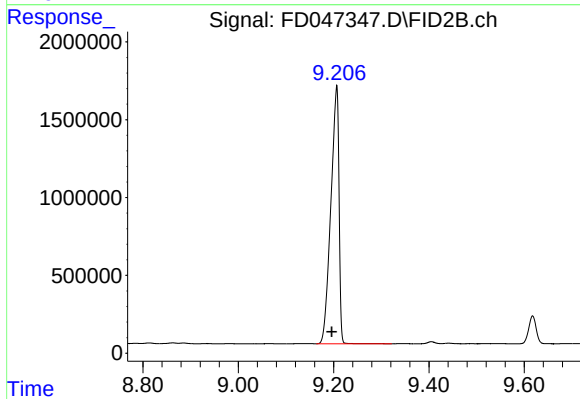
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.322 min
Delta R.T.: 0.003 min
Response: 8653505
Conc: 85.61 ug/ml



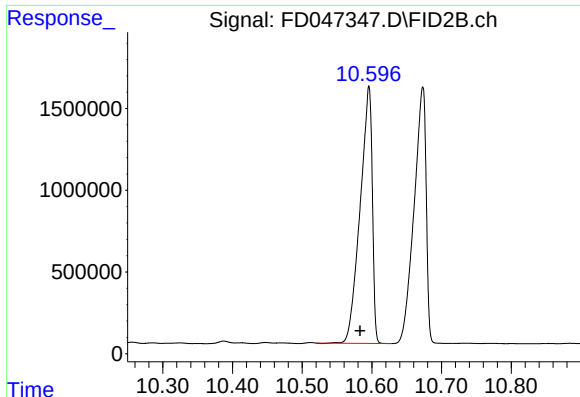
#7 Acenaphthene (C15.5)

R.T.: 8.427 min
Delta R.T.: 0.009 min
Response: 19035111
Conc: 115.48 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.205 min
Delta R.T.: 0.010 min
Response: 19480967
Conc: 122.87 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.595 min
Delta R.T.: 0.012 min
Response: 19058459
Conc: 122.68 ug/ml

Instrument :

FID_D

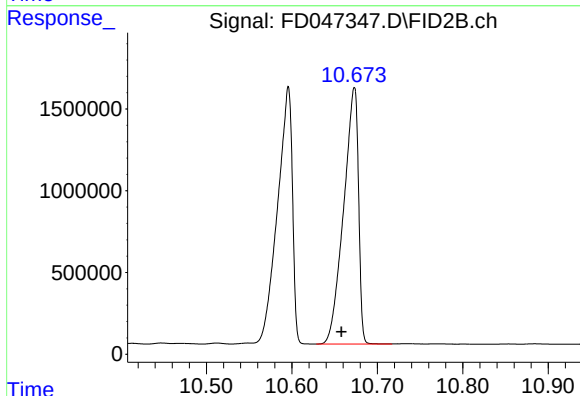
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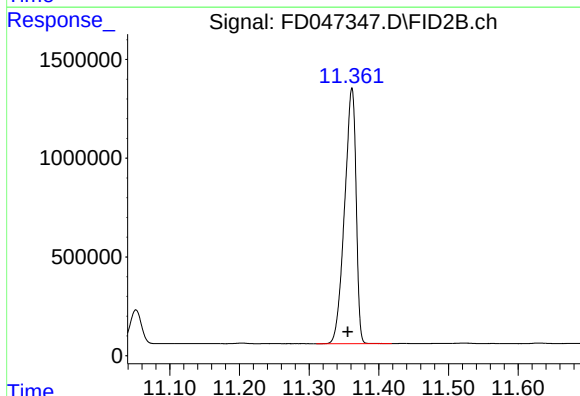
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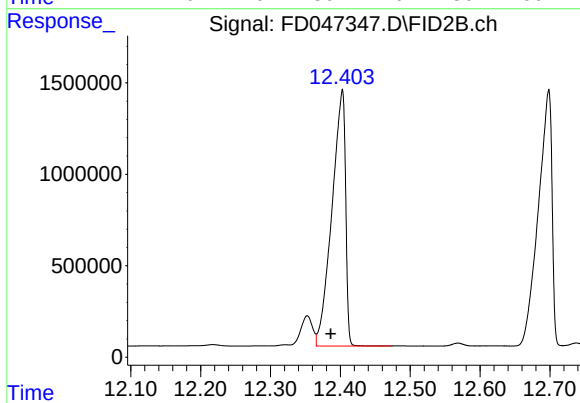
#10 Anthracene (C19.43)

R.T.: 10.672 min
Delta R.T.: 0.014 min
Response: 18929842
Conc: 128.37 ug/ml



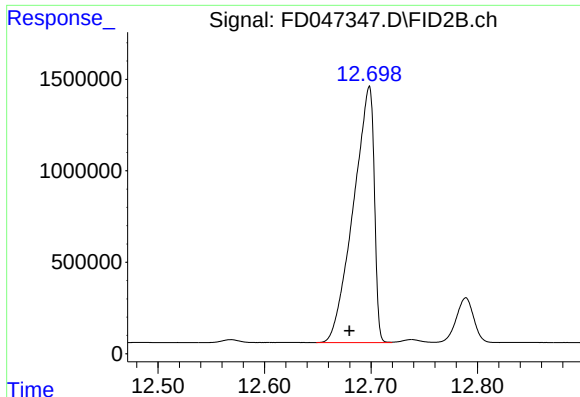
#11 ortho-Terphenyl (SURR)

R.T.: 11.361 min
Delta R.T.: 0.006 min
Response: 14839141
Conc: 84.14 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.402 min
Delta R.T.: 0.015 min
Response: 18998726
Conc: 122.71 ug/ml



#13 Pyrene (C20.8)

R.T.: 12.697 min
Delta R.T.: 0.017 min
Response: 19058775
Conc: 126.70 ug/ml

Instrument :

FID_D

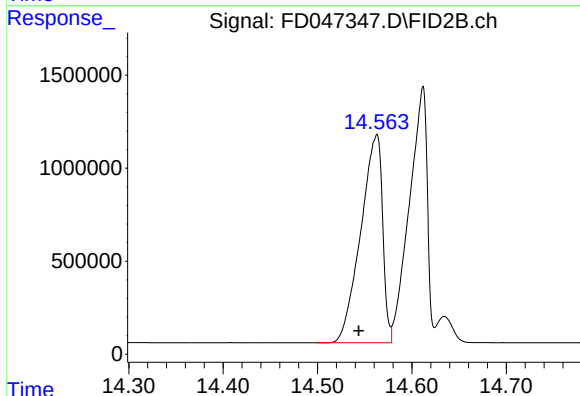
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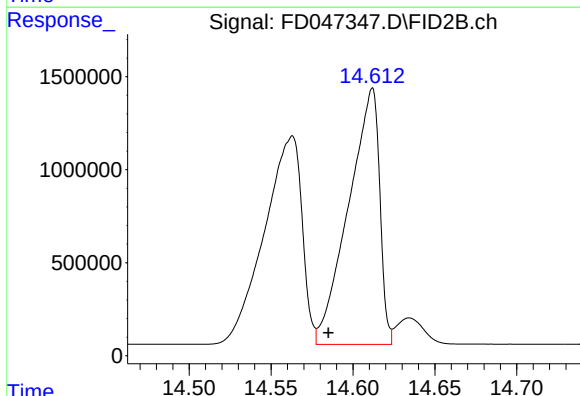
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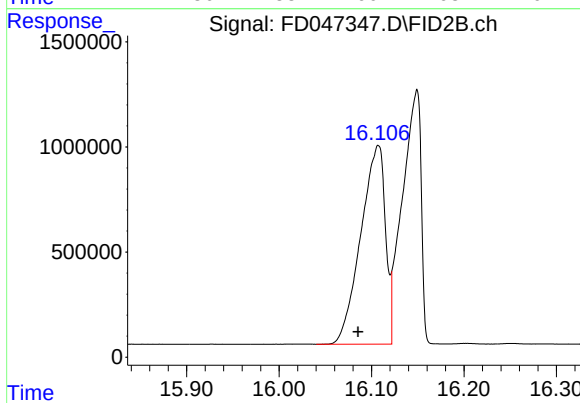
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.562 min
Delta R.T.: 0.018 min
Response: 18005086
Conc: 133.94 ug/ml



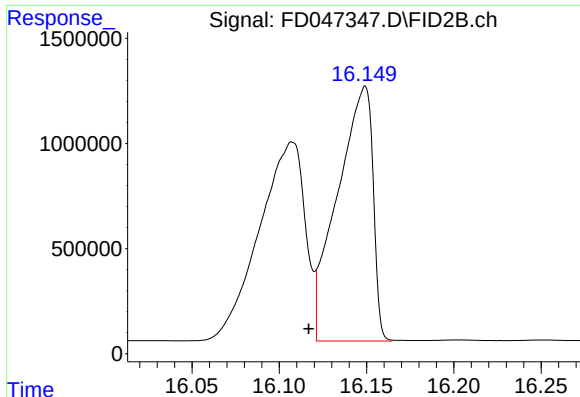
#15 Chrysene (C27.41)

R.T.: 14.612 min
Delta R.T.: 0.027 min
Response: 18158778
Conc: 124.01 ug/ml m



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

R.T.: 16.107 min
Delta R.T.: 0.021 min
Response: 17524424
Conc: 127.28 ug/ml



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

R.T.: 16.149 min
Delta R.T.: 0.032 min
Response: 17044847
Conc: 122.84 ug/ml

Instrument :

FID_D

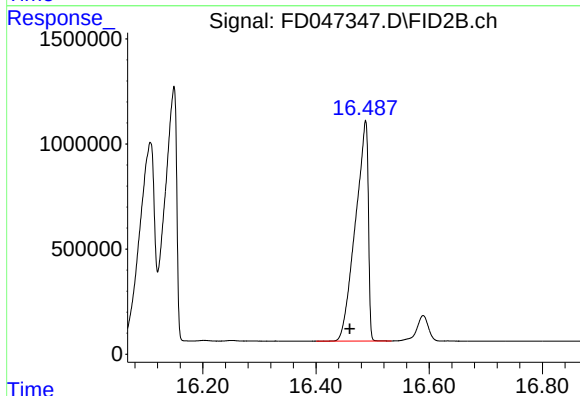
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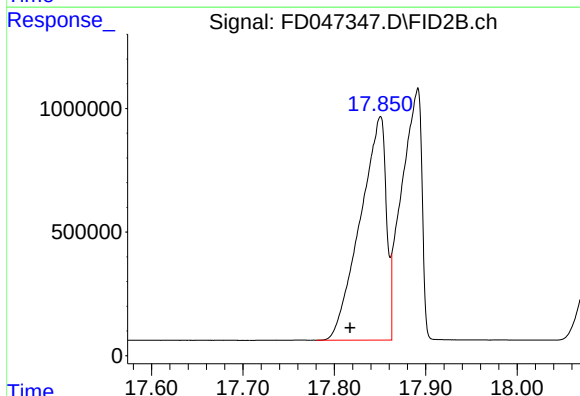
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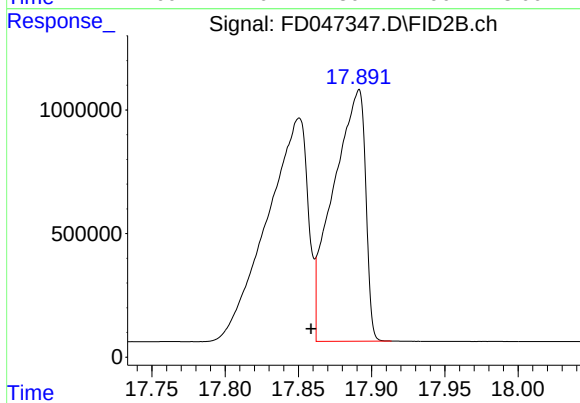
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.486 min
Delta R.T.: 0.027 min
Response: 16488224
Conc: 121.80 ug/ml



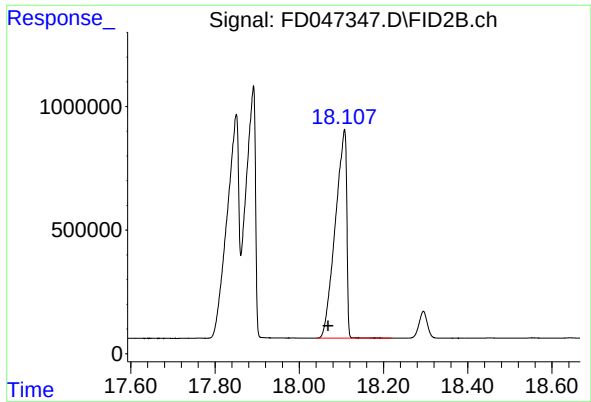
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.849 min
Delta R.T.: 0.032 min
Response: 17973520
Conc: 142.37 ug/ml



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

R.T.: 17.891 min
Delta R.T.: 0.033 min
Response: 15527244
Conc: 116.54 ug/ml m



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

R.T.: 18.106 min
Delta R.T.: 0.038 min
Response: 15813532
Conc: 119.26 ug/ml

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