

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042424AR\
 Data File : FD047570.D
 Signal(s) : FID2B.ch
 Acq On : 25 Apr 2024 02:20
 Operator : YP/AJ
 Sample : P2231-02MS
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PE-1(0-0.5)MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/25/2024
 Supervised By :Ankita Jodhani 04/25/2024

Integration File: autoint1.e
 Quant Time: Apr 25 03:29:05 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...	7.464	9762496	65.301 ug/ml
Spiked Amount 50.000		Recovery =	130.60%
6) S 2-Fluorobiphenyl (SURR)	8.318	6539061	66.925 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	133.85%#
11) S ortho-Terphenyl (SURR)	11.354	5652361	32.973 ug/ml
Spiked Amount 50.000		Recovery =	65.95%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.279	6413394	40.587 ug/ml
2) T Naphthalene (C11.7)	5.802	7352477	44.931 ug/ml
3) T 2-Methylnaphthalene (...)	6.850	7664559	46.598 ug/ml
5) T Acenaphthylene (C15.06)	8.121	8404063	55.678 ug/ml
7) T Acenaphthene (C15.5)	8.416	8170307	51.012 ug/ml
8) T Flouorene (C16.55)	9.195	8285602	53.559 ug/ml
9) T Phenanthrene (C19.36)	10.585	8214388	55.211 ug/ml
10) T Anthracene (C19.43)	10.660	8029230	59.035 ug/ml
12) T Fluoranthene (C21.85)	12.391	8061804	54.534 ug/ml
13) T Pyrene (C20.8)	12.686	8106179	56.168 ug/ml
14) T Benzo[a]anthracene (C...	14.554	7876370	59.890 ug/ml
15) T Chrysene (C27.41)	14.597	7529482	53.397 ug/ml
16) T benzo[b]fluoranthene ...	16.101	7517990	53.887 ug/ml
17) T Bnezo[k]fluoranthene ...	16.135	7439509	53.488 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.478	7265254	52.914 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.842	7543690	55.925 ug/ml
20) T Dibenz[a,h]anthracene...	17.882	7110998	52.910 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.095	6890610	49.648 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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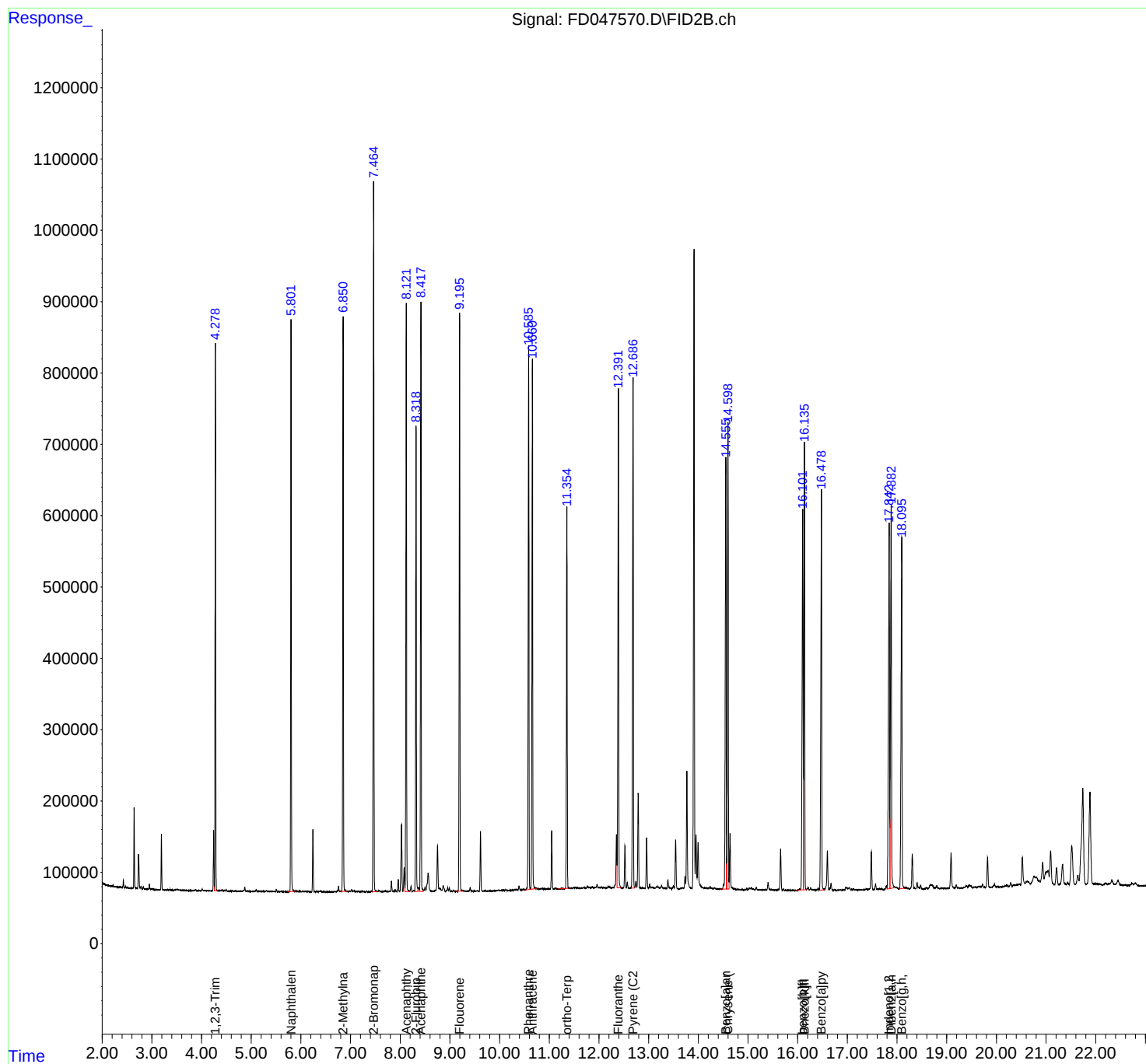
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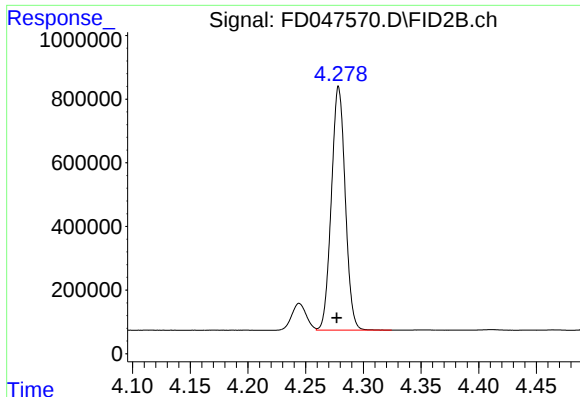
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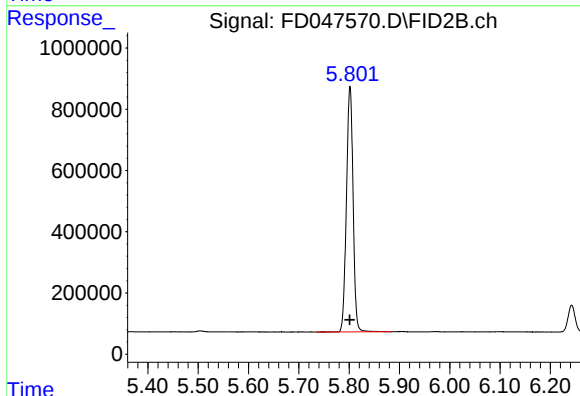
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.279 min
Delta R.T.: 0.002 min
Response: 6413394
Conc: 40.59 ug/ml

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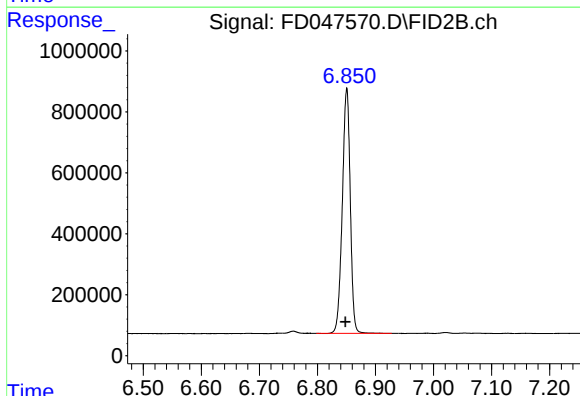
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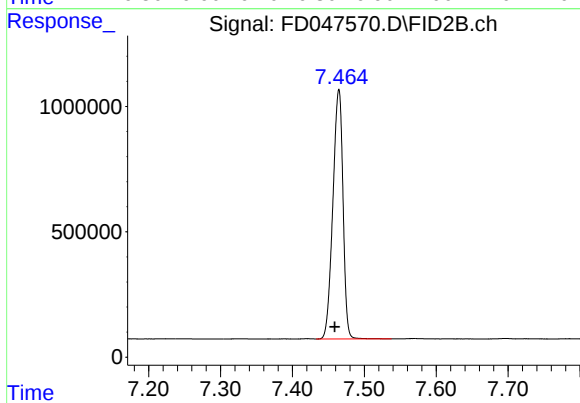
#2 Naphthalene (C11.7)

R.T.: 5.802 min
Delta R.T.: 0.000 min
Response: 7352477
Conc: 44.93 ug/ml



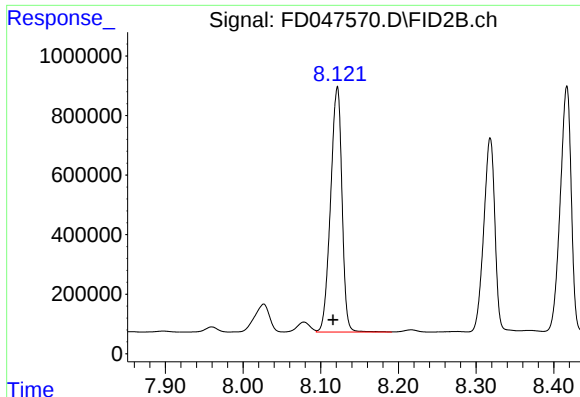
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.850 min
Delta R.T.: 0.002 min
Response: 7664559
Conc: 46.60 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.464 min
Delta R.T.: 0.005 min
Response: 9762496
Conc: 65.30 ug/ml



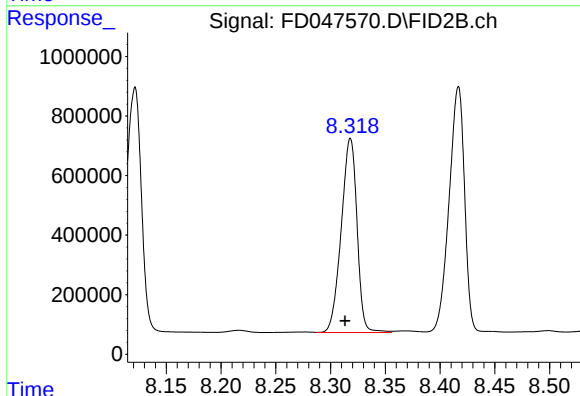
#5 Acenaphthylene (C15.06)

R.T.: 8.121 min
Delta R.T.: 0.005 min
Response: 8404063
Conc: 55.68 ug/ml

Instrument :
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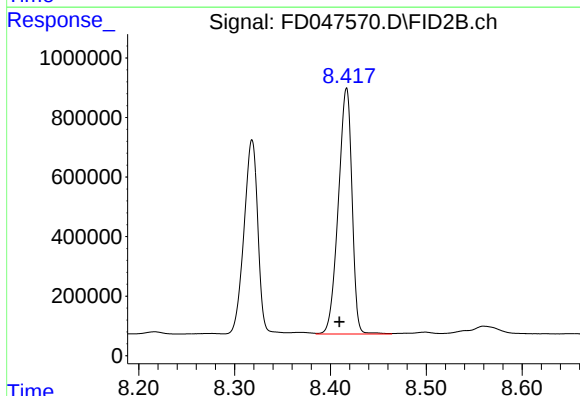
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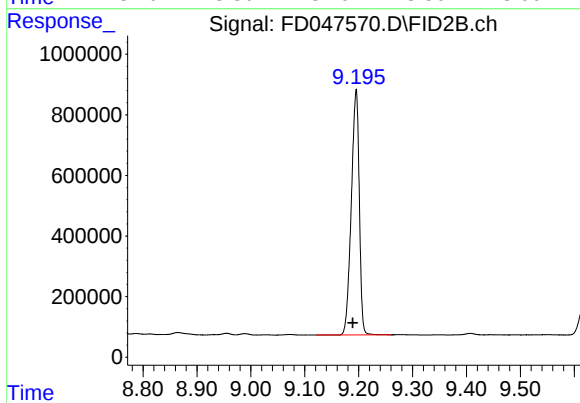
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.318 min
Delta R.T.: 0.005 min
Response: 6539061
Conc: 66.92 ug/ml



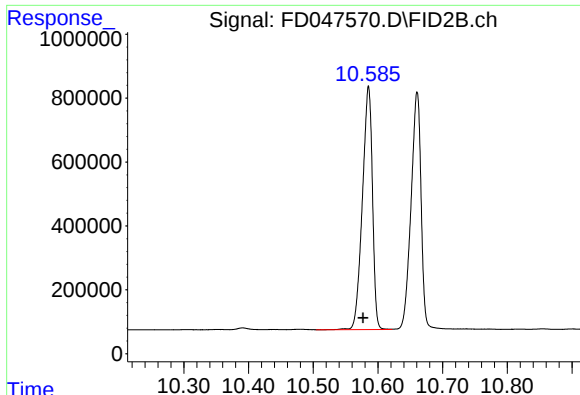
#7 Acenaphthene (C15.5)

R.T.: 8.416 min
Delta R.T.: 0.007 min
Response: 8170307
Conc: 51.01 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.195 min
Delta R.T.: 0.006 min
Response: 8285602
Conc: 53.56 ug/ml



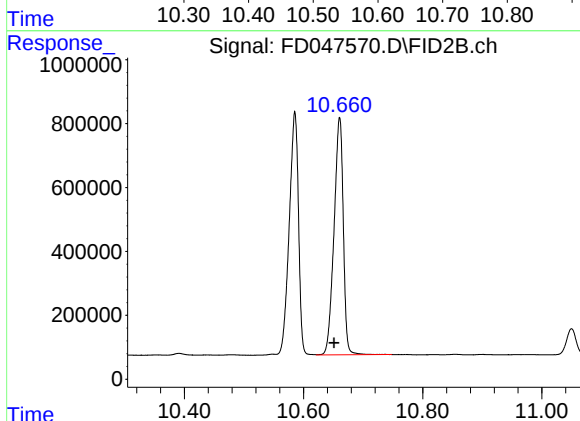
#9 Phenanthrene (C19.36)

R.T.: 10.585 min
Delta R.T.: 0.008 min
Response: 8214388
Conc: 55.21 ug/ml

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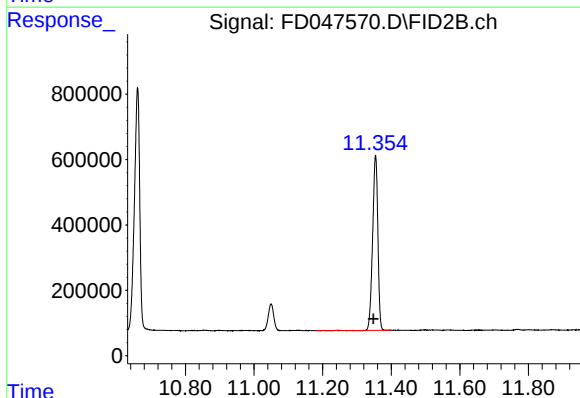
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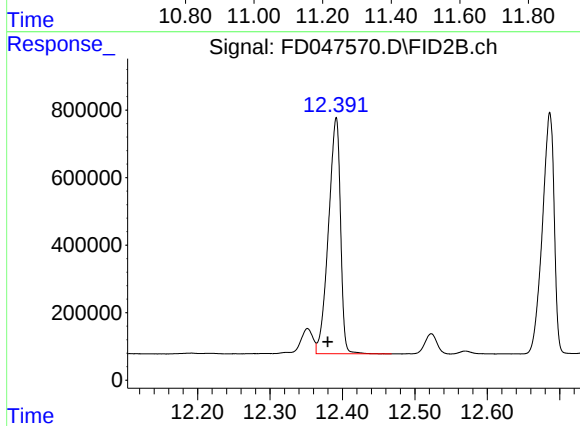
#10 Anthracene (C19.43)

R.T.: 10.660 min
Delta R.T.: 0.009 min
Response: 8029230
Conc: 59.04 ug/ml



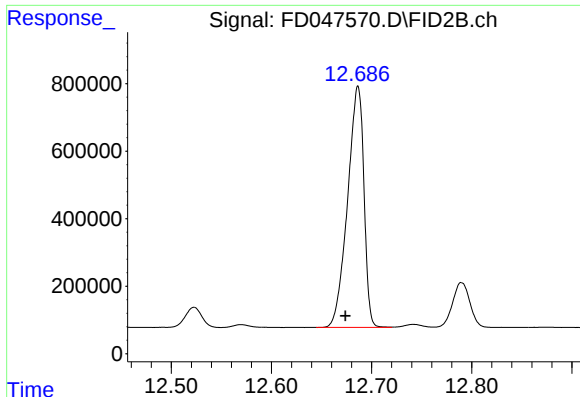
#11 ortho-Terphenyl (SURR)

R.T.: 11.354 min
Delta R.T.: 0.006 min
Response: 5652361
Conc: 32.97 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.391 min
Delta R.T.: 0.011 min
Response: 8061804
Conc: 54.53 ug/ml



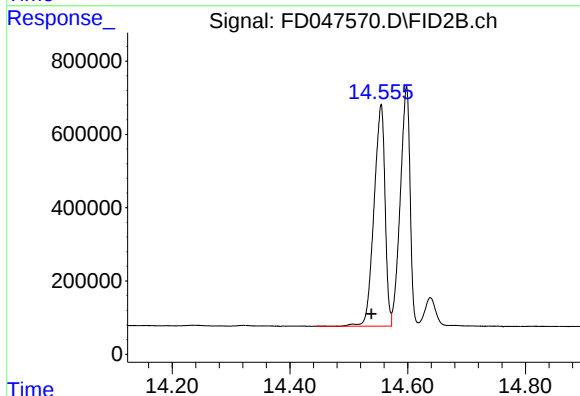
#13 Pyrene (C20.8)

R.T.: 12.686 min
Delta R.T.: 0.012 min
Response: 8106179
Conc: 56.17 ug/ml

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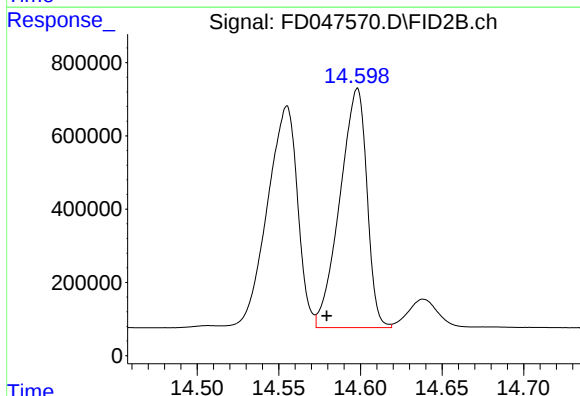
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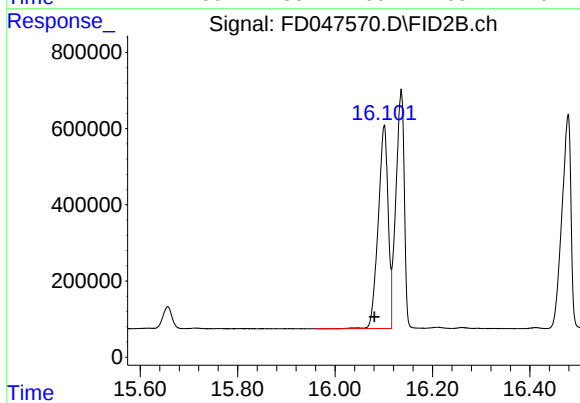
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.554 min
Delta R.T.: 0.016 min
Response: 7876370
Conc: 59.89 ug/ml



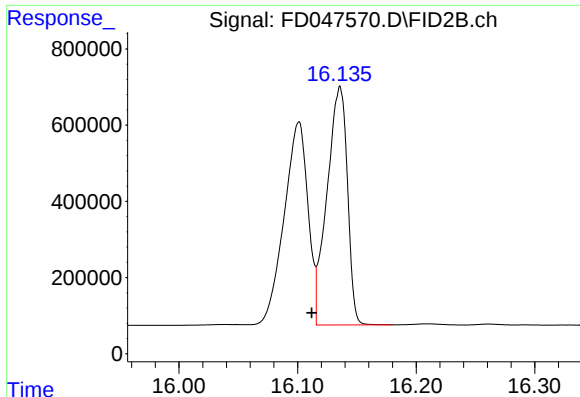
#15 Chrysene (C27.41)

R.T.: 14.597 min
Delta R.T.: 0.018 min
Response: 7529482
Conc: 53.40 ug/ml



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

R.T.: 16.101 min
Delta R.T.: 0.020 min
Response: 7517990
Conc: 53.89 ug/ml



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

R.T.: 16.135 min
Delta R.T.: 0.024 min
Response: 7439509
Conc: 53.49 ug/ml

Instrument :

FID_D

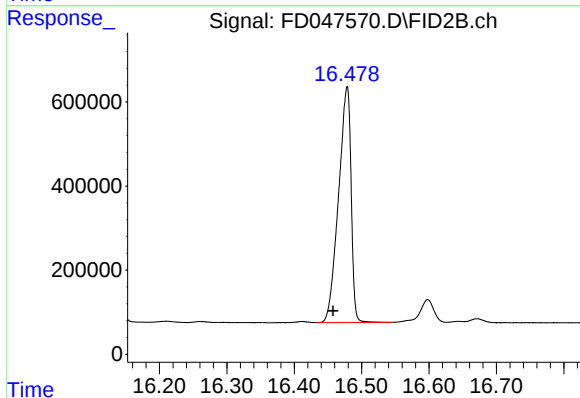
ClientSampleId :

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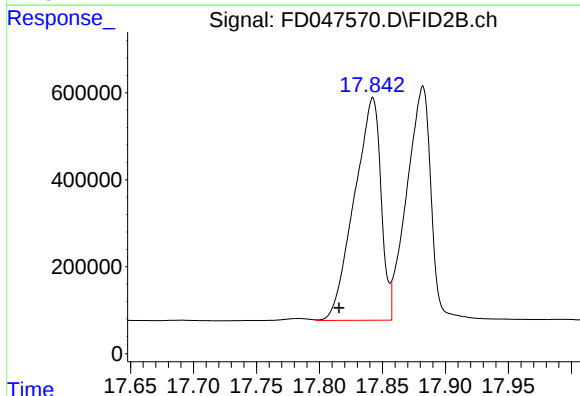
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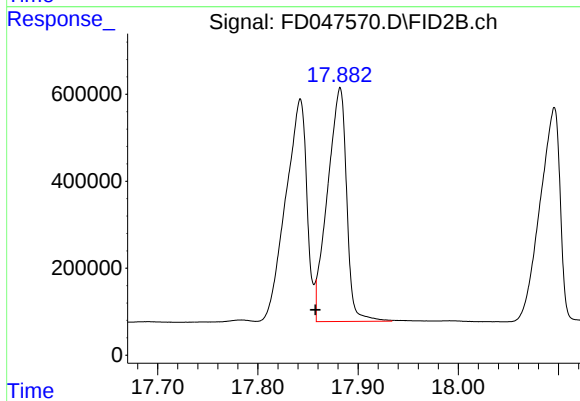
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.478 min
Delta R.T.: 0.020 min
Response: 7265254
Conc: 52.91 ug/ml



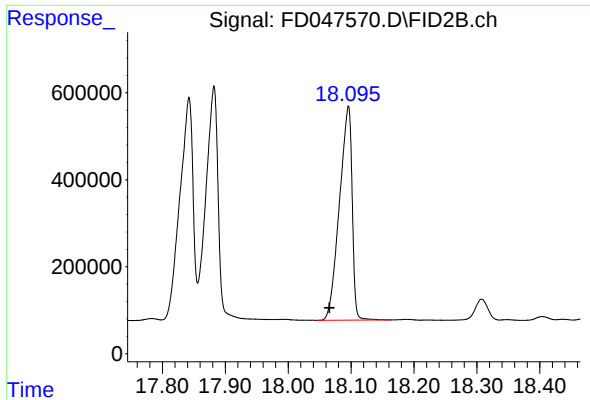
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.842 min
Delta R.T.: 0.026 min
Response: 7543690
Conc: 55.92 ug/ml



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

R.T.: 17.882 min
Delta R.T.: 0.024 min
Response: 7110998
Conc: 52.91 ug/ml m



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

R.T.: 18.095 min
Delta R.T.: 0.029 min
Response: 6890610
Conc: 49.65 ug/ml

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