

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD041824AR\
 Data File : FD047538.D
 Signal(s) : FID2B.ch
 Acq On : 18 Apr 2024 22:02
 Operator : YP/AJ
 Sample : PB160354BSD
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB160354BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/19/2024
 Supervised By :Ankita Jodhani 04/19/2024

Integration File: autoint1.e
 Quant Time: Apr 19 04:35:06 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...	7.463	7899368	52.838 ug/ml
Spiked Amount 50.000		Recovery =	105.68%
6) S 2-Fluorobiphenyl (SURR)	8.315	4254745	43.546 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	87.09%
11) S ortho-Terphenyl (SURR)	11.354	7170555	41.829 ug/ml
Spiked Amount 50.000		Recovery =	83.66%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.277	4903305	31.031 ug/ml
2) T Naphthalene (C11.7)	5.801	5851777	35.760 ug/ml
3) T 2-Methylnaphthalene (...)	6.849	6002716	36.495 ug/ml
5) T Acenaphthylene (C15.06)	8.119	6707315	44.437 ug/ml
7) T Acenaphthene (C15.5)	8.414	6371652	39.782 ug/ml
8) T Flouorene (C16.55)	9.194	6949820	44.924 ug/ml
9) T Phenanthrene (C19.36)	10.583	7098758	47.713 ug/ml
10) T Anthracene (C19.43)	10.658	6991816	51.408 ug/ml
12) T Fluoranthene (C21.85)	12.388	7196488	48.681 ug/ml
13) T Pyrene (C20.8)	12.684	7259315	50.300 ug/ml
14) T Benzo[a]anthracene (C...	14.551	6861173	52.171 ug/ml
15) T Chrysene (C27.41)	14.595	6877567	48.773 ug/ml
16) T benzo[b]fluoranthene ...	16.097	6888023	49.372 ug/ml
17) T Bnezo[k]fluoranthene ...	16.133	6815979	49.005 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.474	6713299	48.894 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.839	6940243	51.451 ug/ml
20) T Dibenz[a,h]anthracene...	17.876	6471935	48.155 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.092	6397887	46.097 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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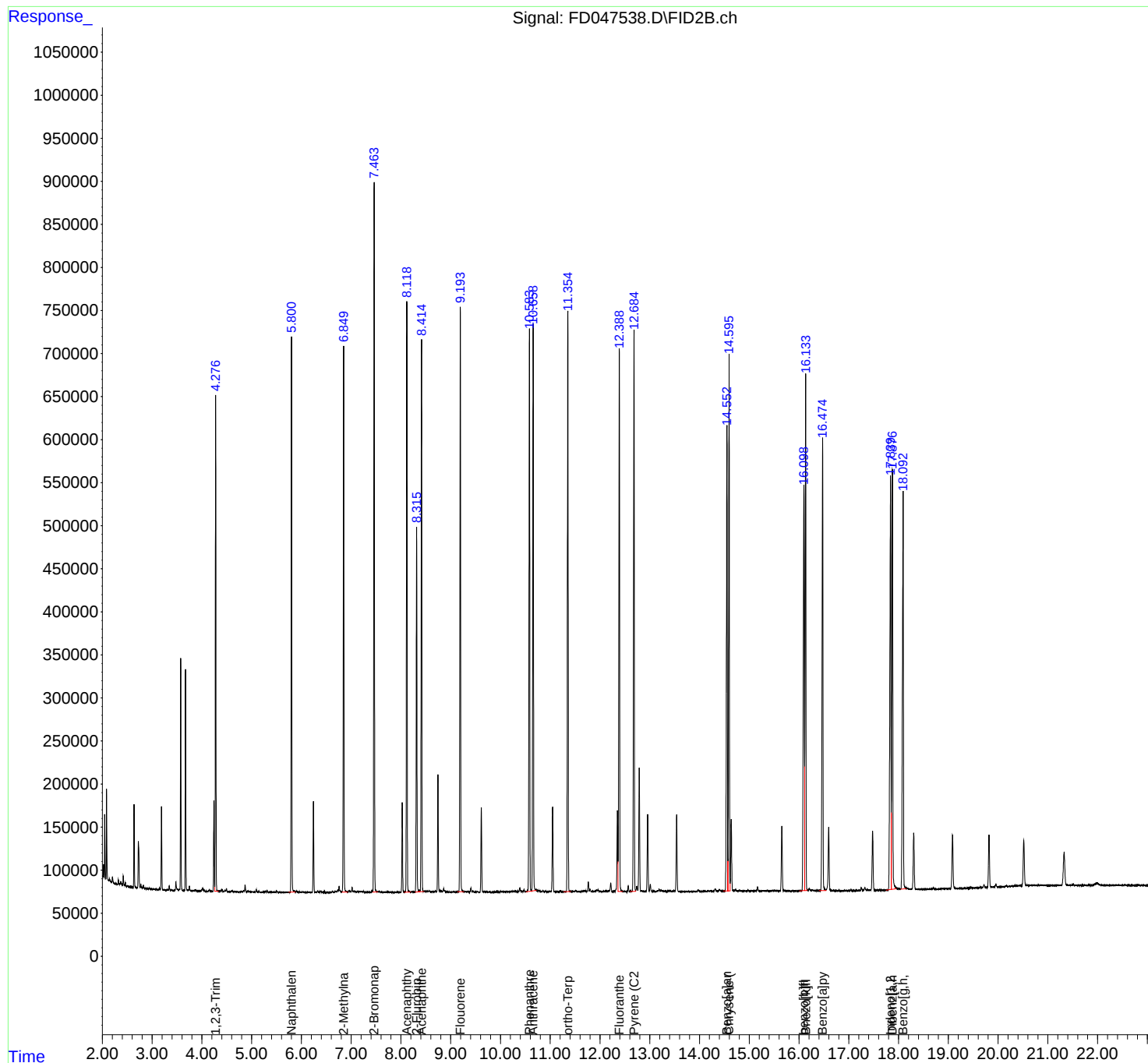
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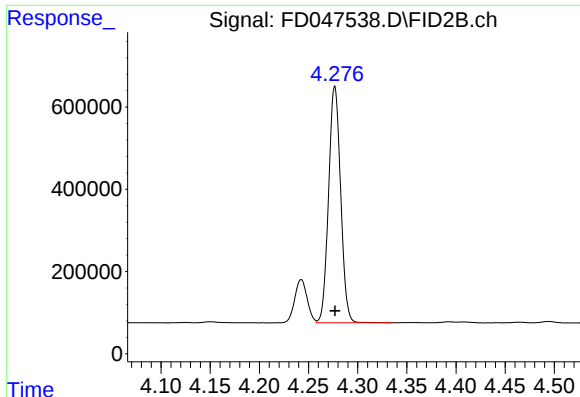
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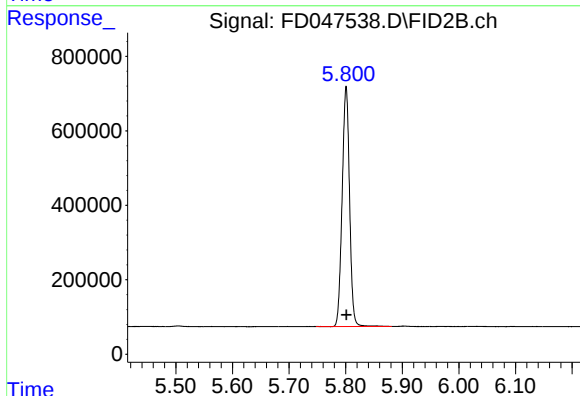
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.277 min
Delta R.T.: 0.000 min
Response: 4903305
Conc: 31.03 ug/ml

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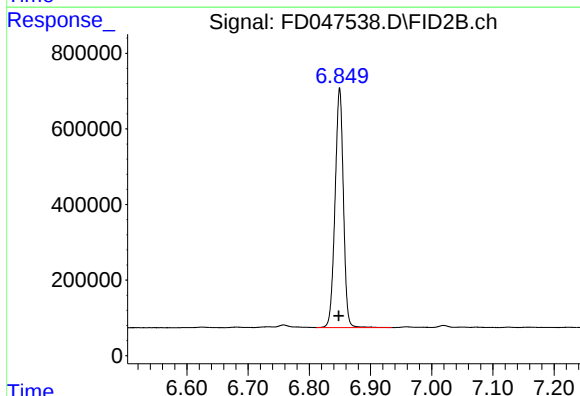
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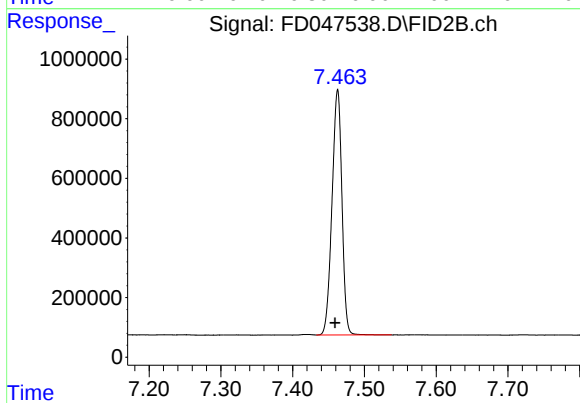
#2 Naphthalene (C11.7)

R.T.: 5.801 min
Delta R.T.: 0.000 min
Response: 5851777
Conc: 35.76 ug/ml



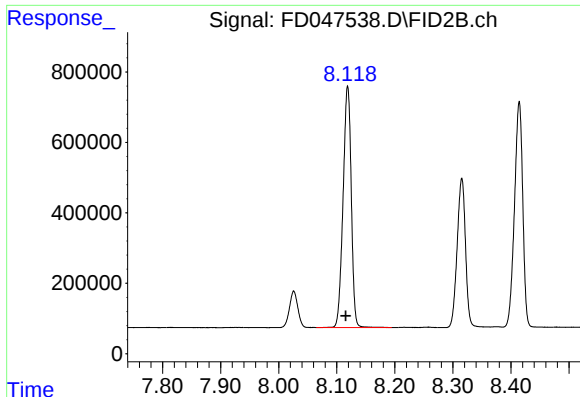
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.849 min
Delta R.T.: 0.001 min
Response: 6002716
Conc: 36.49 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.463 min
Delta R.T.: 0.003 min
Response: 7899368
Conc: 52.84 ug/ml



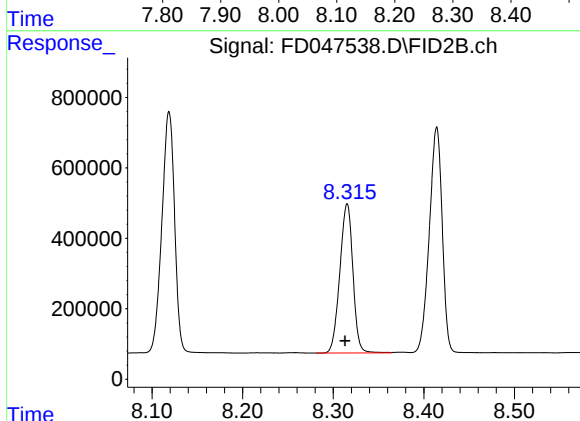
#5 Acenaphthylene (C15.06)

R.T.: 8.119 min
Delta R.T.: 0.003 min
Response: 6707315
Conc: 44.44 ug/ml

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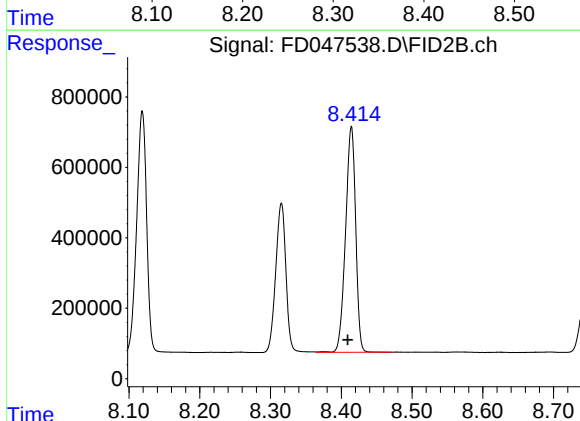
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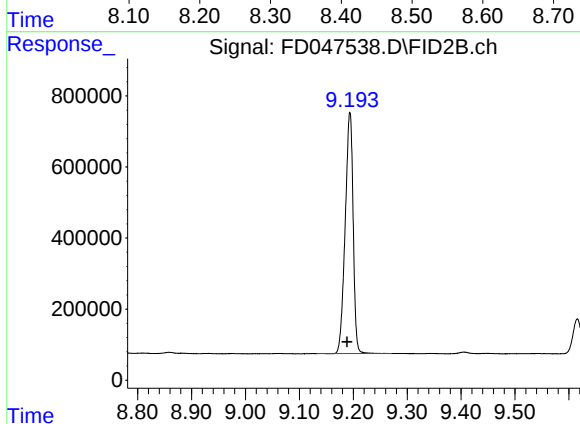
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.315 min
Delta R.T.: 0.002 min
Response: 4254745
Conc: 43.55 ug/ml



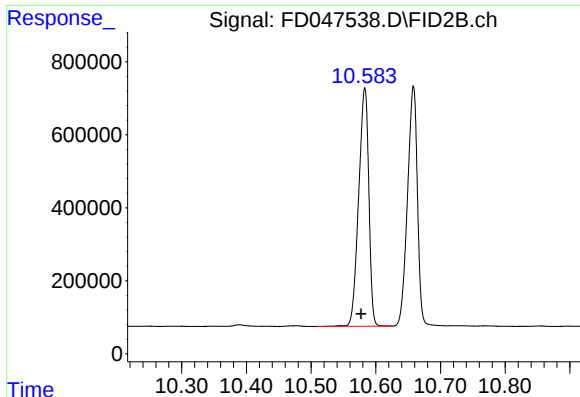
#7 Acenaphthene (C15.5)

R.T.: 8.414 min
Delta R.T.: 0.005 min
Response: 6371652
Conc: 39.78 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.194 min
Delta R.T.: 0.005 min
Response: 6949820
Conc: 44.92 ug/ml



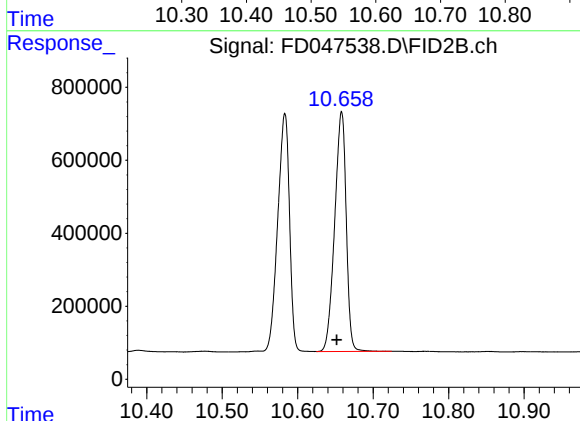
#9 Phenanthrene (C19.36)

R.T.: 10.583 min
Delta R.T.: 0.005 min
Response: 7098758
Conc: 47.71 ug/ml

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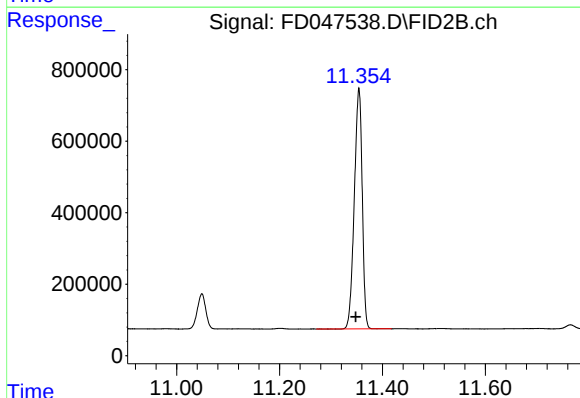
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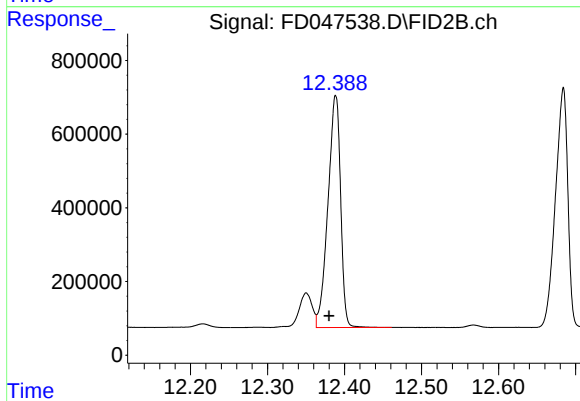
#10 Anthracene (C19.43)

R.T.: 10.658 min
Delta R.T.: 0.006 min
Response: 6991816
Conc: 51.41 ug/ml



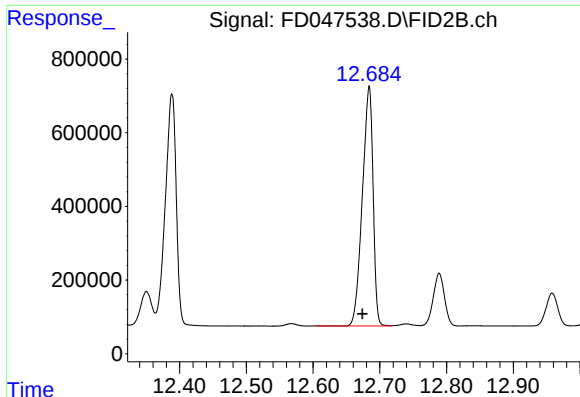
#11 ortho-Terphenyl (SURR)

R.T.: 11.354 min
Delta R.T.: 0.006 min
Response: 7170555
Conc: 41.83 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.388 min
Delta R.T.: 0.008 min
Response: 7196488
Conc: 48.68 ug/ml



#13 Pyrene (C20.8)

R.T.: 12.684 min
Delta R.T.: 0.010 min
Response: 7259315
Conc: 50.30 ug/ml

Instrument :

FID_D

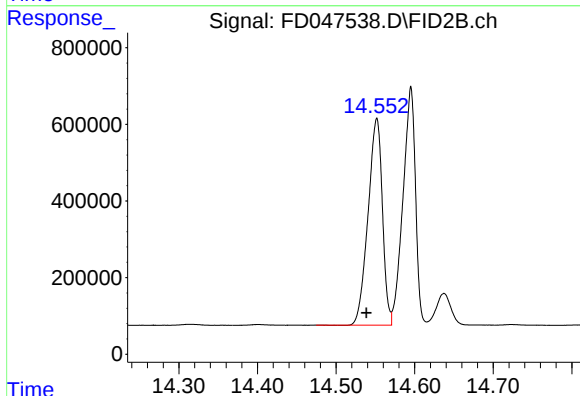
ClientSampleId :

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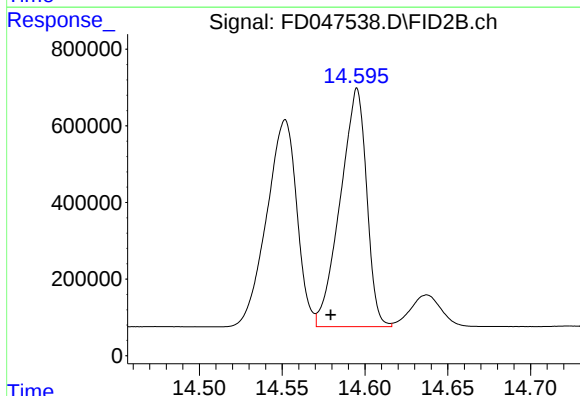
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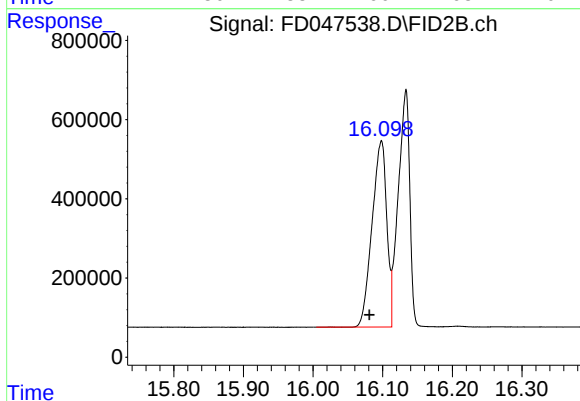
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.551 min
Delta R.T.: 0.013 min
Response: 6861173
Conc: 52.17 ug/ml



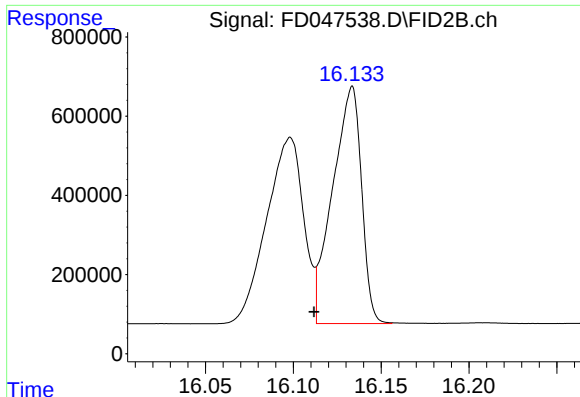
#15 Chrysene (C27.41)

R.T.: 14.595 min
Delta R.T.: 0.015 min
Response: 6877567
Conc: 48.77 ug/ml



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

R.T.: 16.097 min
Delta R.T.: 0.016 min
Response: 6888023
Conc: 49.37 ug/ml



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

R.T.: 16.133 min
Delta R.T.: 0.022 min
Response: 6815979
Conc: 49.00 ug/ml

Instrument :

FID_D

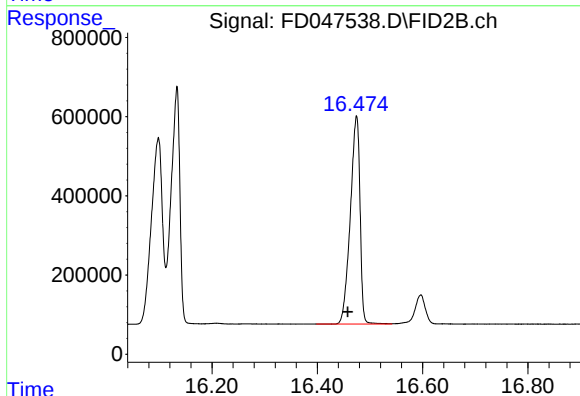
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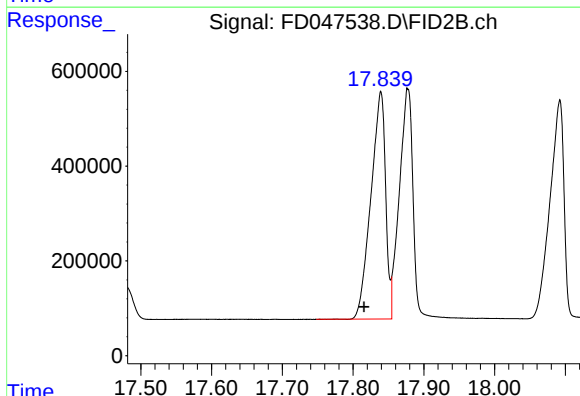
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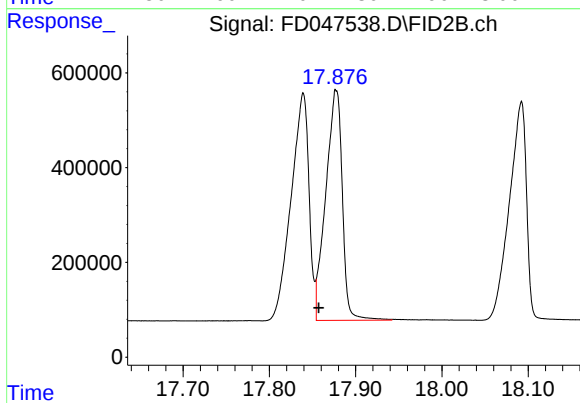
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.474 min
Delta R.T.: 0.016 min
Response: 6713299
Conc: 48.89 ug/ml



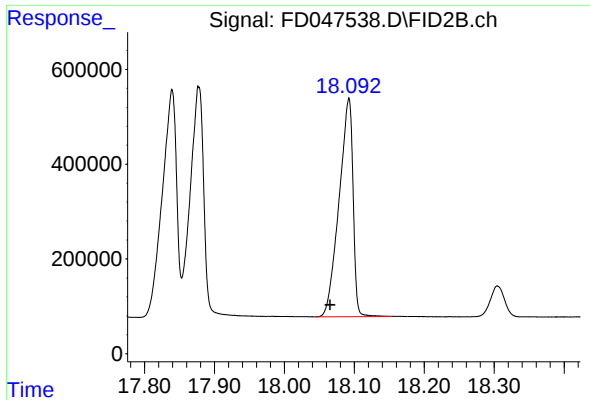
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.839 min
Delta R.T.: 0.023 min
Response: 6940243
Conc: 51.45 ug/ml



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

R.T.: 17.876 min
Delta R.T.: 0.019 min
Response: 6471935
Conc: 48.15 ug/ml m



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

R.T.: 18.092 min
Delta R.T.: 0.026 min
Response: 6397887
Conc: 46.10 ug/ml

Instrument :

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