

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051723AR\
 Data File : FD045666.D
 Signal(s) : FID2B.ch
 Acq On : 17 May 2023 17:26
 Operator : YP/AJ
 Sample : PB152853BSD
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB152853BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/18/2023
 Supervised By :Ankita Jodhani 05/18/2023

Integration File: autoint1.e
 Quant Time: May 18 03:46:05 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 050523.M
 Quant Title : GC Extractables
 QLast Update : Fri May 05 18:09:33 2023
 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...	7.543	8094760	47.456 ug/ml
Spiked Amount 50.000		Recovery =	94.91%
6) S 2-Fluorobiphenyl (SURR)	8.400	5280514	45.928 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	91.86%
11) S ortho-Terphenyl (SURR)	11.440	8579744	40.639 ug/ml
Spiked Amount 50.000		Recovery =	81.28%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.351	7351386	39.383 ug/ml
2) T Naphthalene (C11.7)	5.881	8342844	42.414 ug/ml
3) T 2-Methylnaphthalene (...)	6.932	8325253	42.143 ug/ml
5) T Acenaphthylene (C15.06)	8.205	9050934	50.377 ug/ml
7) T Acenaphthene (C15.5)	8.502	9537912	50.121 ug/ml
8) T Flouorene (C16.55)	9.280	9503516	50.392 ug/ml
9) T Phenanthrene (C19.36)	10.672	9795550	52.700 ug/ml
10) T Anthracene (C19.43)	10.748	9878259	55.256 ug/ml
12) T Fluoranthene (C21.85)	12.478	9849152	54.597 ug/ml
13) T Pyrene (C20.8)	12.774	9878983	56.368 ug/ml
14) T Benzo[a]anthracene (C...	14.638	9197951	57.787 ug/ml
15) T Chrysene (C27.41)	14.683	9105212	56.074 ug/ml
16) T benzo[b]fluoranthene ...	16.181	8896753	60.408 ug/ml
17) T Bnezo[k]fluoranthene ...	16.219	8694855	60.134 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.558	7748489	55.574 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.916	7377260	58.065 ug/ml
20) T Dibenz[a,h]anthracene...	17.958	7640542	59.492 ug/ml
21) T Benzo[g,h,i]perylene ...	18.172	7642088	59.414 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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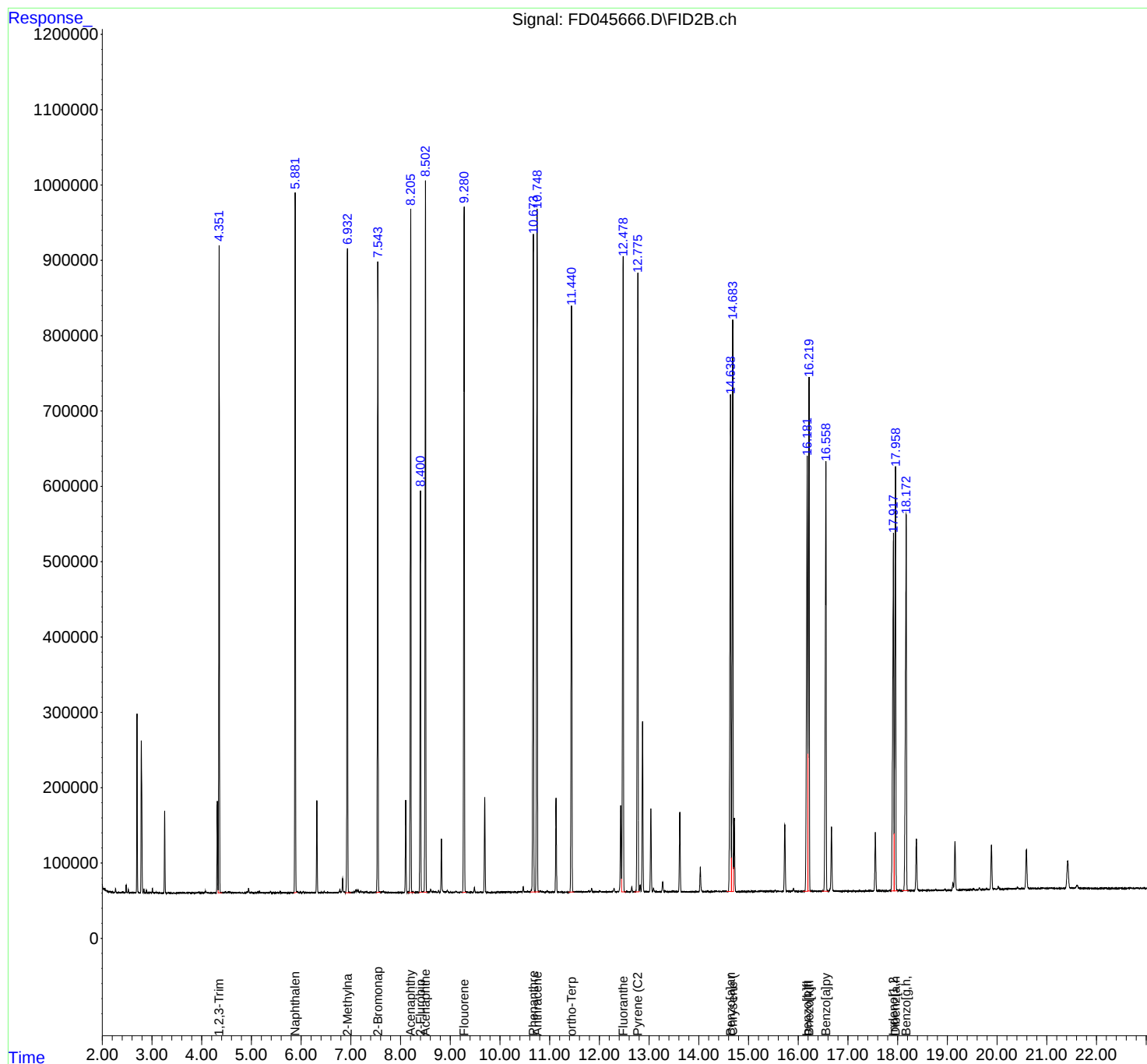
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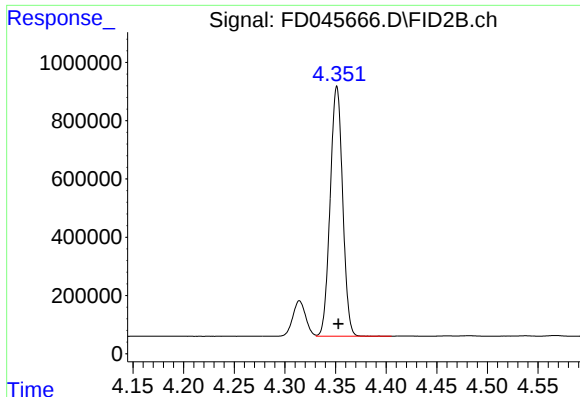
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#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.351 min
Delta R.T.: -0.002 min
Response: 7351386
Conc: 39.38 ug/ml

Instrument :

FID_D

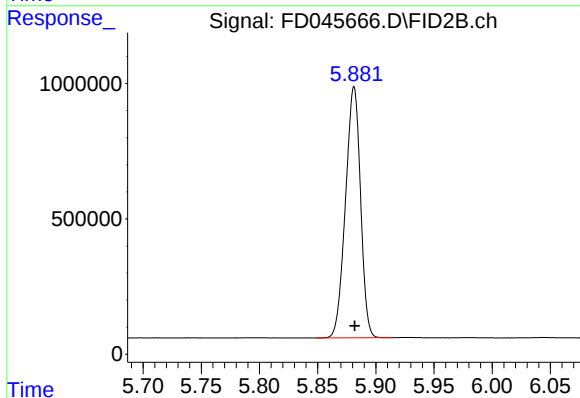
ClientSampleId :

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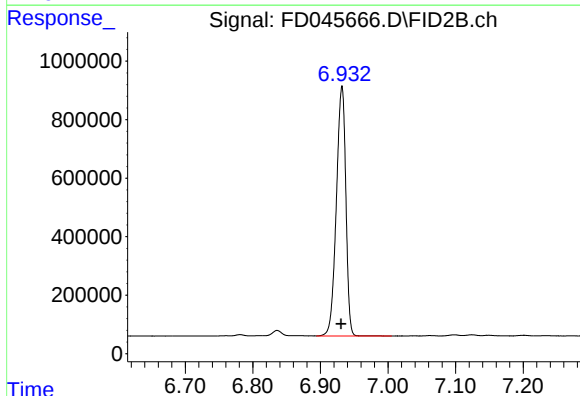
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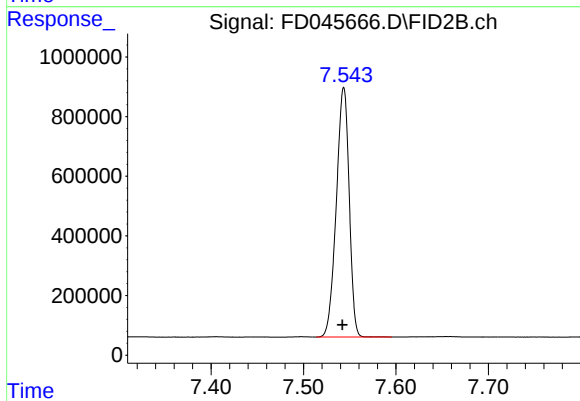
#2 Naphthalene (C11.7)

R.T.: 5.881 min
Delta R.T.: 0.000 min
Response: 8342844
Conc: 42.41 ug/ml



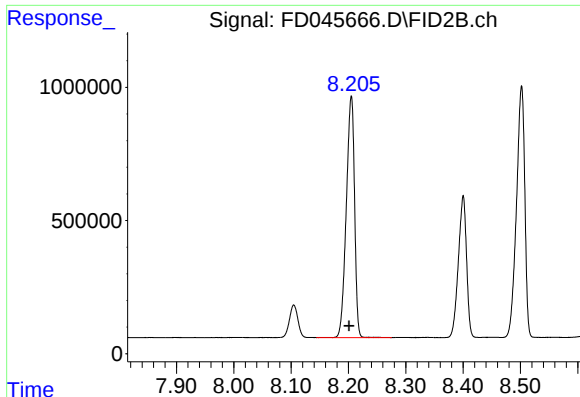
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.932 min
Delta R.T.: 0.001 min
Response: 8325253
Conc: 42.14 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.543 min
Delta R.T.: 0.001 min
Response: 8094760
Conc: 47.46 ug/ml



#5 Acenaphthylene (C15.06)

R.T.: 8.205 min
Delta R.T.: 0.004 min
Response: 9050934
Conc: 50.38 ug/ml

Instrument :

FID_D

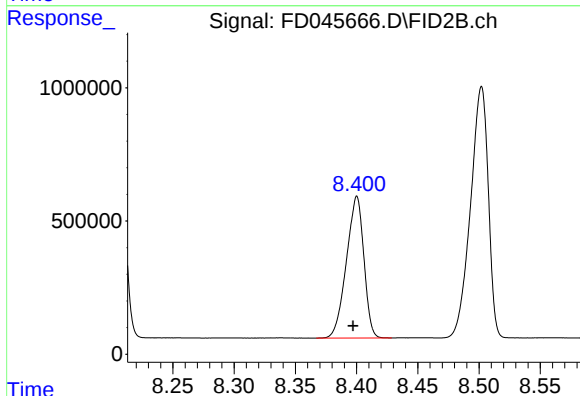
ClientSampleId :

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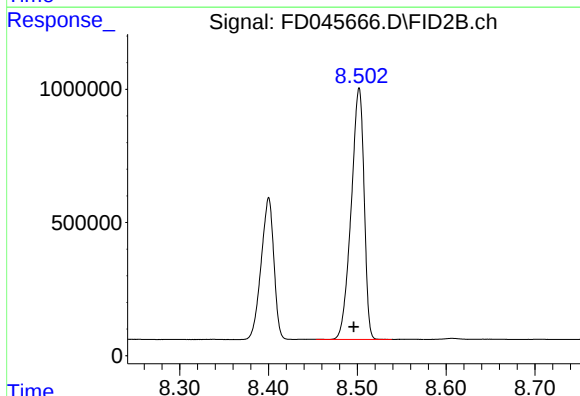
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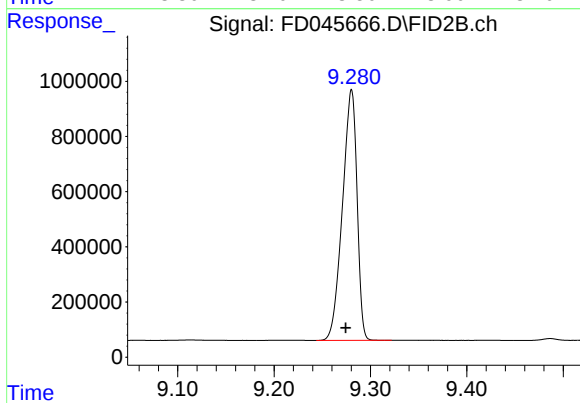
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.400 min
Delta R.T.: 0.003 min
Response: 5280514
Conc: 45.93 ug/ml



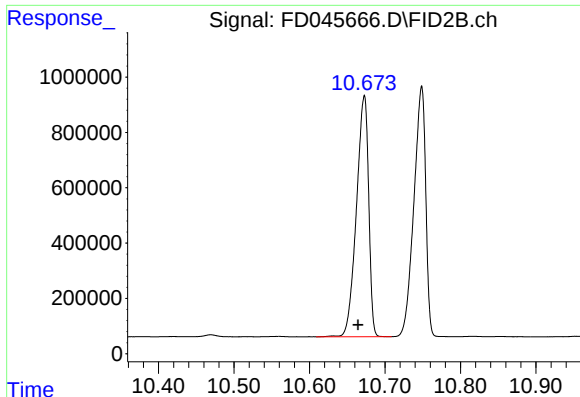
#7 Acenaphthene (C15.5)

R.T.: 8.502 min
Delta R.T.: 0.006 min
Response: 9537912
Conc: 50.12 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.280 min
Delta R.T.: 0.006 min
Response: 9503516
Conc: 50.39 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.672 min
Delta R.T.: 0.008 min
Response: 9795550
Conc: 52.70 ug/ml

Instrument :

FID_D

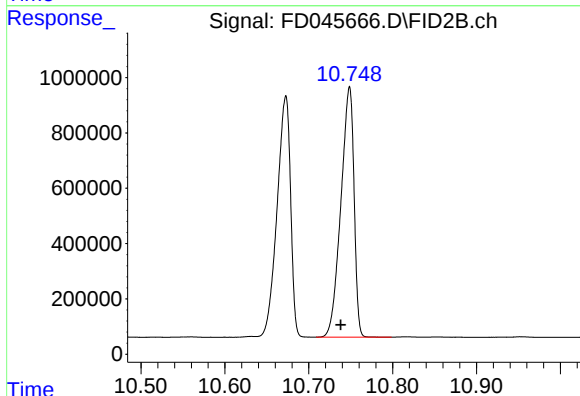
ClientSampleId :

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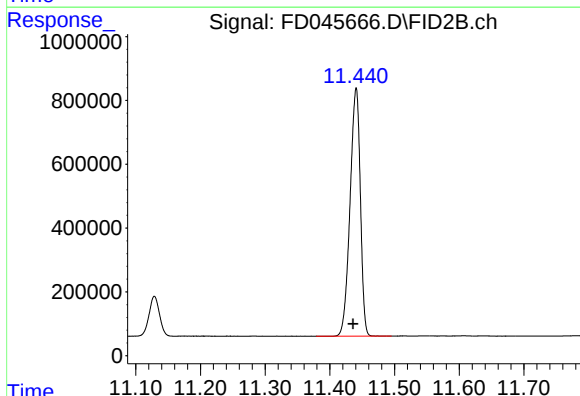
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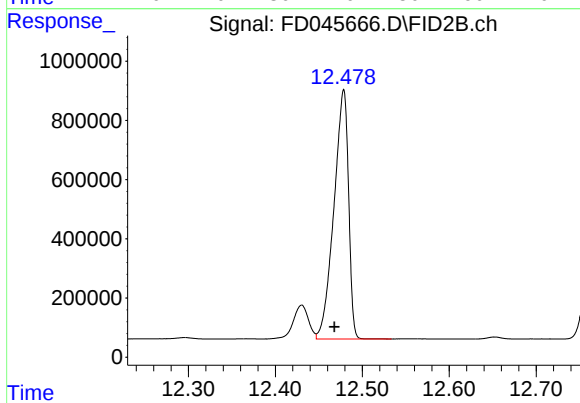
#10 Anthracene (C19.43)

R.T.: 10.748 min
Delta R.T.: 0.010 min
Response: 9878259
Conc: 55.26 ug/ml



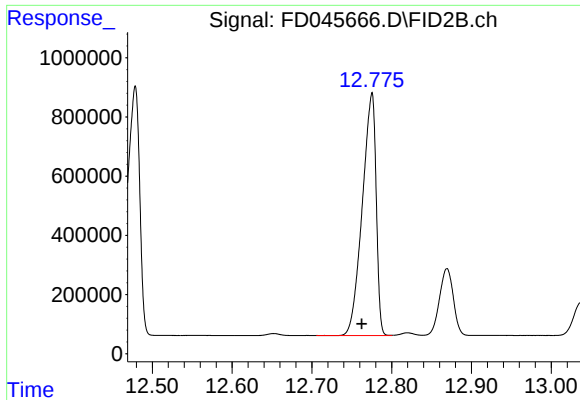
#11 ortho-Terphenyl (SURR)

R.T.: 11.440 min
Delta R.T.: 0.004 min
Response: 8579744
Conc: 40.64 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.478 min
Delta R.T.: 0.010 min
Response: 9849152
Conc: 54.60 ug/ml



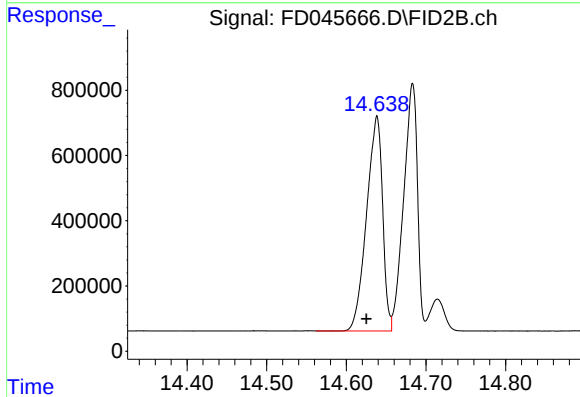
#13 Pyrene (C20.8)

R.T.: 12.774 min
Delta R.T.: 0.012 min
Response: 9878983
Conc: 56.37 ug/ml

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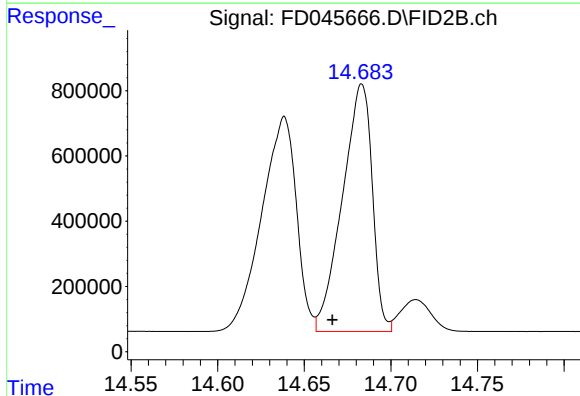
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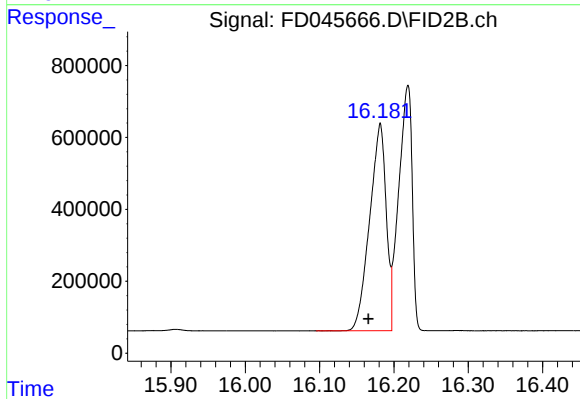
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.638 min
Delta R.T.: 0.013 min
Response: 9197951
Conc: 57.79 ug/ml



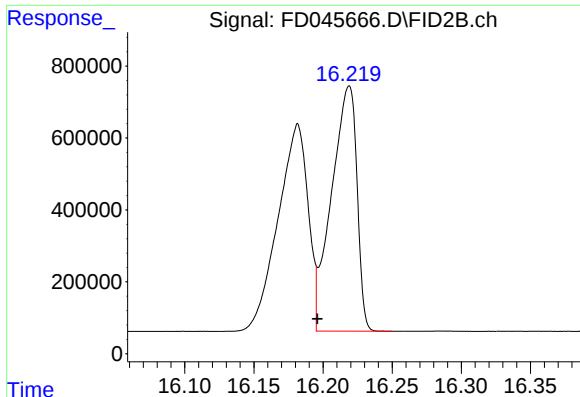
#15 Chrysene (C27.41)

R.T.: 14.683 min
Delta R.T.: 0.017 min
Response: 9105212
Conc: 56.07 ug/ml



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

R.T.: 16.181 min
Delta R.T.: 0.016 min
Response: 8896753
Conc: 60.41 ug/ml



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

R.T.: 16.219 min
Delta R.T.: 0.023 min
Response: 8694855
Conc: 60.13 ug/ml

Instrument :

FID_D

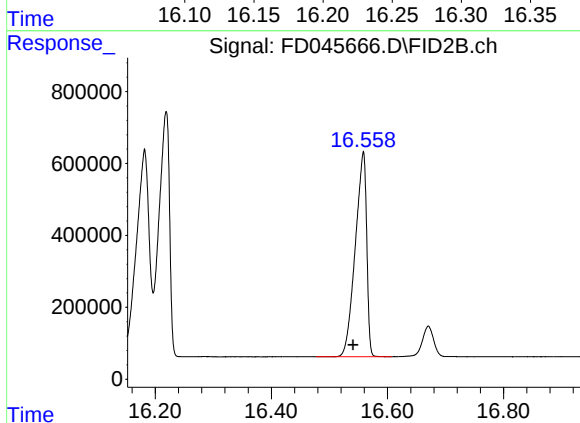
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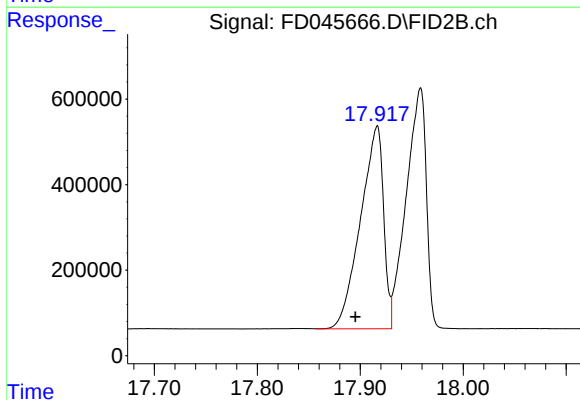
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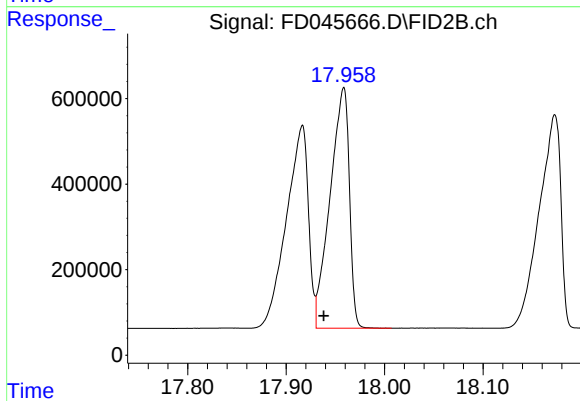
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.558 min
Delta R.T.: 0.017 min
Response: 7748489
Conc: 55.57 ug/ml



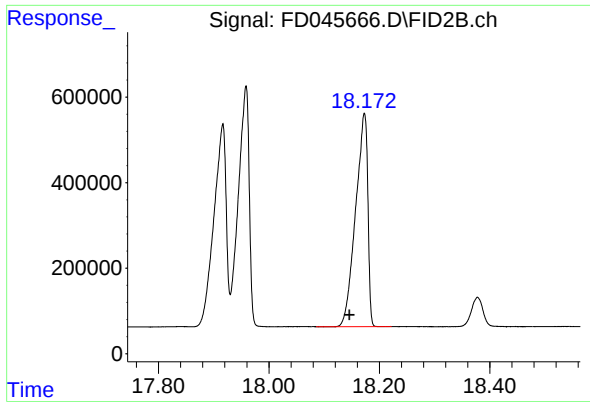
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.916 min
Delta R.T.: 0.020 min
Response: 7377260
Conc: 58.06 ug/ml



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

R.T.: 17.958 min
Delta R.T.: 0.019 min
Response: 7640542
Conc: 59.49 ug/ml



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

R.T.: 18.172 min
Delta R.T.: 0.026 min
Response: 7642088
Conc: 59.41 ug/ml

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