

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD110723AR\
 Data File : FD046840.D
 Signal(s) : FID2B.ch
 Acq On : 07 Nov 2023 18:08
 Operator : YP/AJ
 Sample : PB156949BS
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

PB156949BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 11/08/2023

Supervised By :Ankita Jodhani 11/08/2023

Integration File: autoint1.e

Quant Time: Nov 07 22:02:52 2023

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102723.M

Quant Title : GC Extractables

QLast Update : Sat Oct 28 02:49:53 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...	7.485	8396396	46.039 ug/ml
Spiked Amount 50.000		Recovery =	92.08%
6) S 2-Fluorobiphenyl (SURR)	8.338	4774343	40.570 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	81.14%
11) S ortho-Terphenyl (SURR)	11.377	8637285	40.789 ug/ml
Spiked Amount 50.000		Recovery =	81.58%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.296	5429465	28.114 ug/mlm
2) T Naphthalene (C11.7)	5.823	6399022	31.956 ug/ml
3) T 2-Methylnaphthalene (...)	6.872	6741729	33.544 ug/ml
5) T Acenaphthylene (C15.06)	8.142	7324793	39.824 ug/ml
7) T Acenaphthene (C15.5)	8.438	7294074	37.236 ug/ml
8) T Fluorene (C16.55)	9.216	7531206	40.716 ug/ml
9) T Phenanthrene (C19.36)	10.606	7606087	42.754 ug/ml
10) T Anthracene (C19.43)	10.681	7450612	43.720 ug/ml
12) T Fluoranthene (C21.85)	12.409	7913254	45.818 ug/ml
13) T Pyrene (C20.8)	12.704	7931137	47.698 ug/ml
14) T Benzo[a]anthracene (C...	14.568	6964781	49.504 ug/ml
15) T Chrysene (C27.41)	14.611	7007737	44.934 ug/ml
16) T benzo[b]fluoranthene ...	16.111	6836754	47.768 ug/ml
17) T Bnezo[k]fluoranthene ...	16.146	6608664	45.140 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.487	6262447	44.678 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.845	6118321	48.432 ug/ml
20) T Dibenz[a,h]anthracene...	17.884	5467974	39.140 ug/ml
21) T Benzo[g,h,i]perylene ...	18.098	5880881	42.119 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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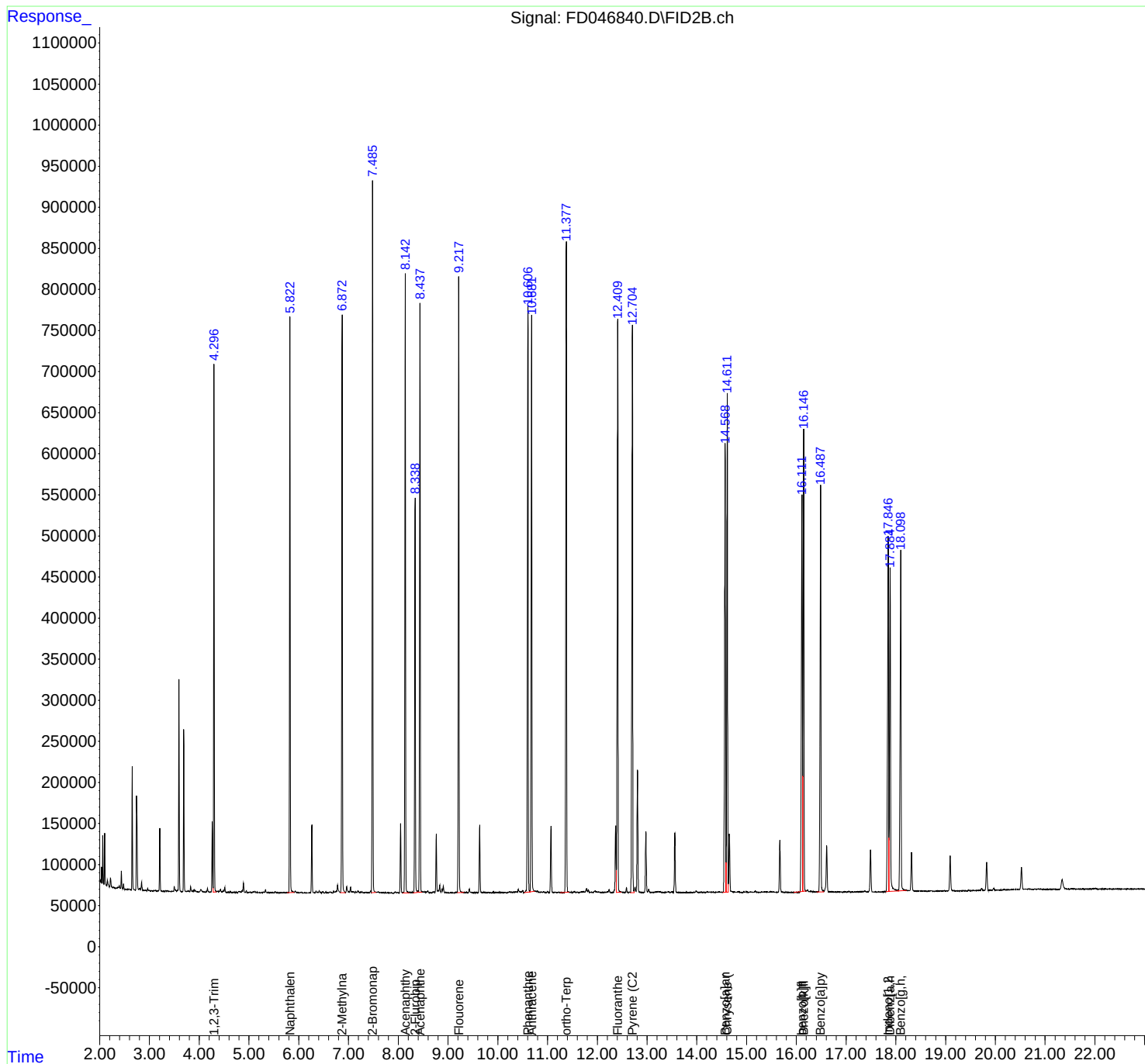
Response via : Initial Calibration

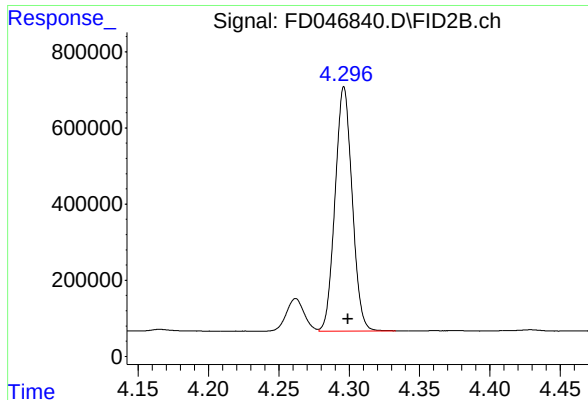
Integrator: ChemStation

Volume Inj. : 1 µl

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Signal Info : 20M x 0.18mm x 0.18µm





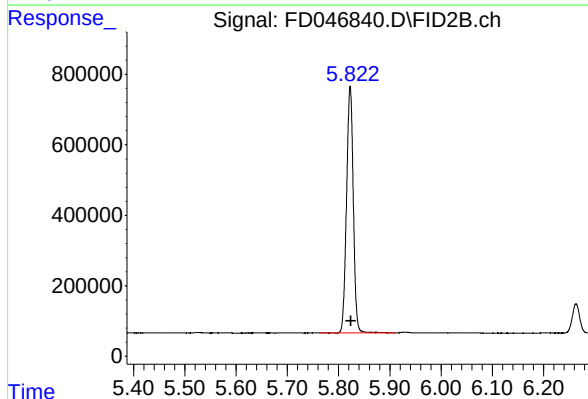
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.296 min
Delta R.T.: -0.003 min
Response: 5429465
Conc: 28.11 ug/ml

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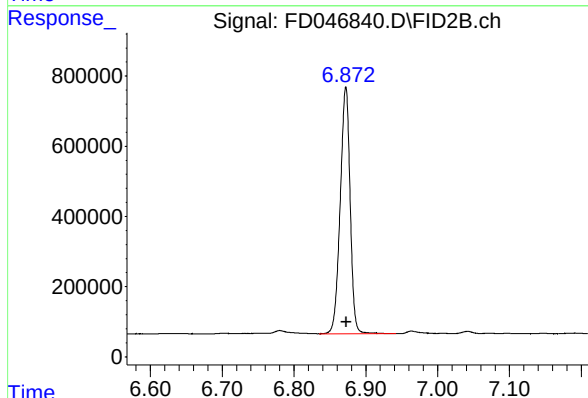
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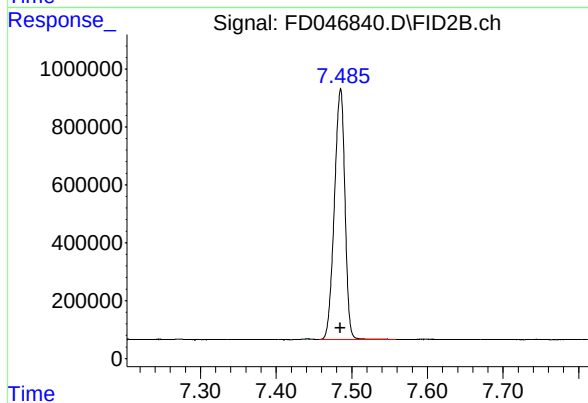
#2 Naphthalene (C11.7)

R.T.: 5.823 min
Delta R.T.: -0.002 min
Response: 6399022
Conc: 31.96 ug/ml



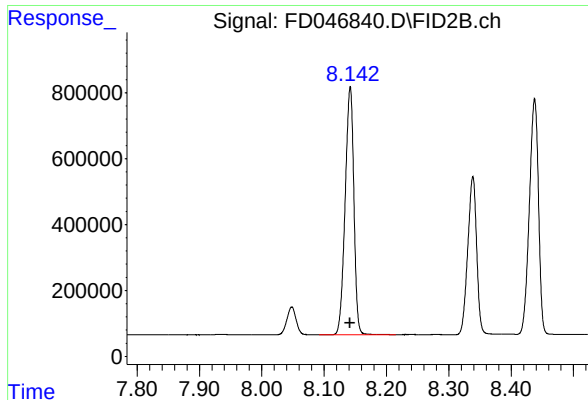
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.872 min
Delta R.T.: 0.000 min
Response: 6741729
Conc: 33.54 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.485 min
Delta R.T.: 0.000 min
Response: 8396396
Conc: 46.04 ug/ml



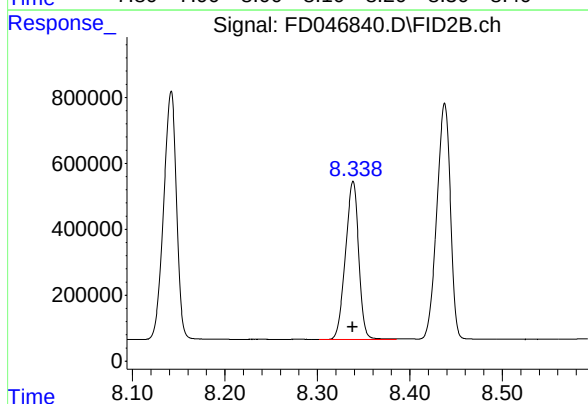
#5 Acenaphthylene (C15.06)

R.T.: 8.142 min
Delta R.T.: 0.000 min
Response: 7324793
Conc: 39.82 ug/ml

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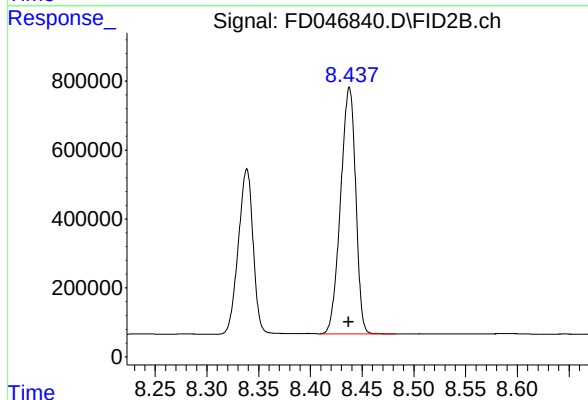
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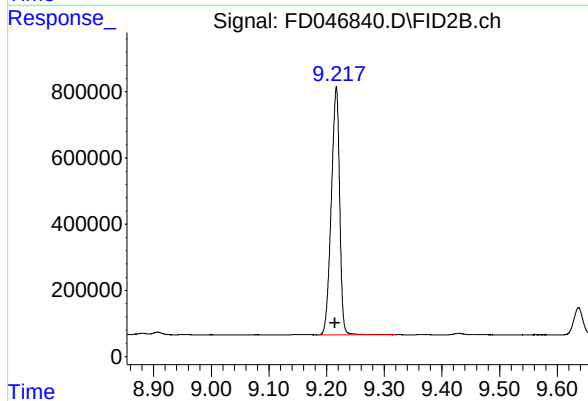
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.338 min
Delta R.T.: 0.000 min
Response: 4774343
Conc: 40.57 ug/ml



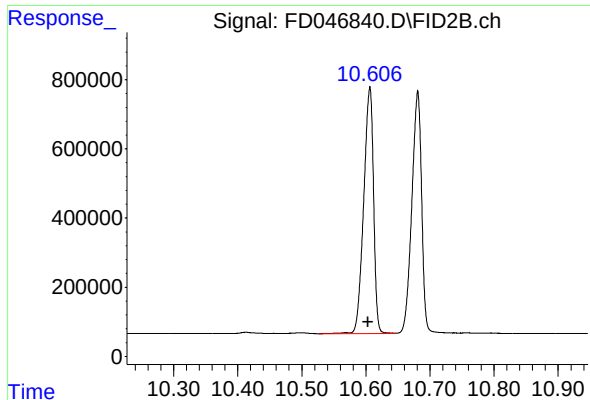
#7 Acenaphthene (C15.5)

R.T.: 8.438 min
Delta R.T.: 0.000 min
Response: 7294074
Conc: 37.24 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.216 min
Delta R.T.: 0.002 min
Response: 7531206
Conc: 40.72 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.606 min
Delta R.T.: 0.002 min
Response: 7606087
Conc: 42.75 ug/ml

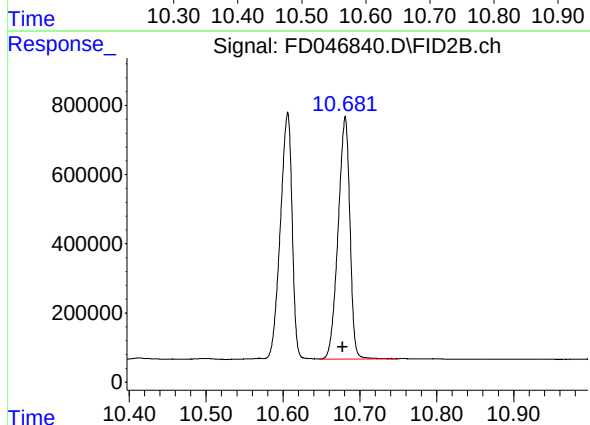
Instrument :

FID_D

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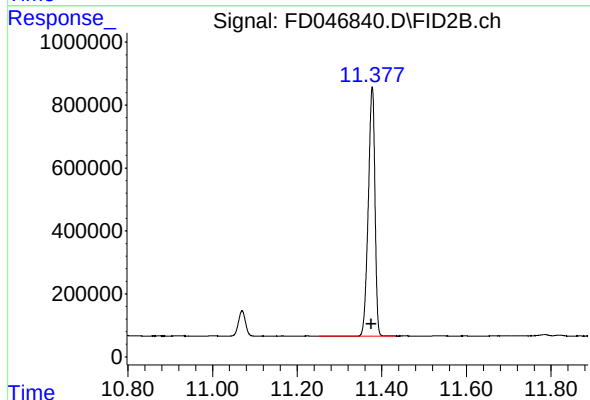
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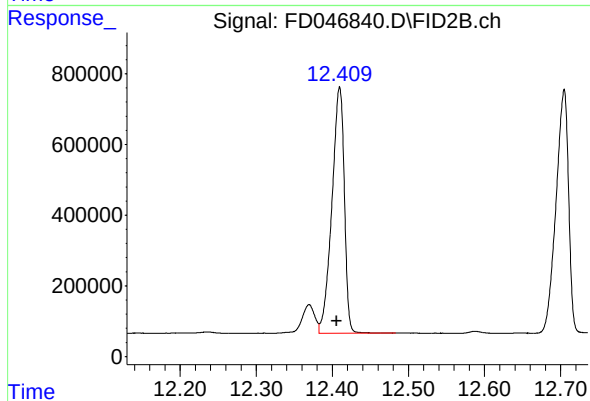
#10 Anthracene (C19.43)

R.T.: 10.681 min
Delta R.T.: 0.003 min
Response: 7450612
Conc: 43.72 ug/ml



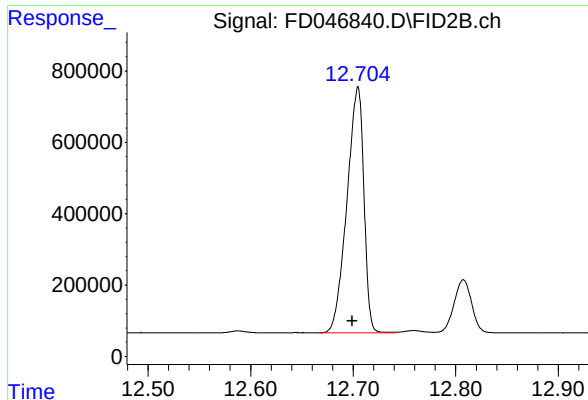
#11 ortho-Terphenyl (SURR)

R.T.: 11.377 min
Delta R.T.: 0.002 min
Response: 8637285
Conc: 40.79 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.409 min
Delta R.T.: 0.004 min
Response: 7913254
Conc: 45.82 ug/ml



#13 Pyrene (C20.8)

R.T.: 12.704 min
Delta R.T.: 0.005 min
Response: 7931137
Conc: 47.70 ug/ml

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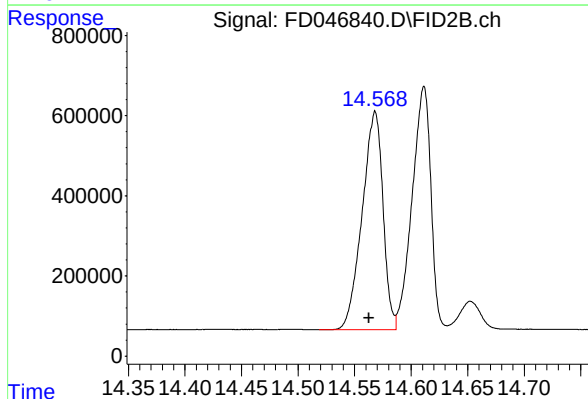
ClientSampleId :

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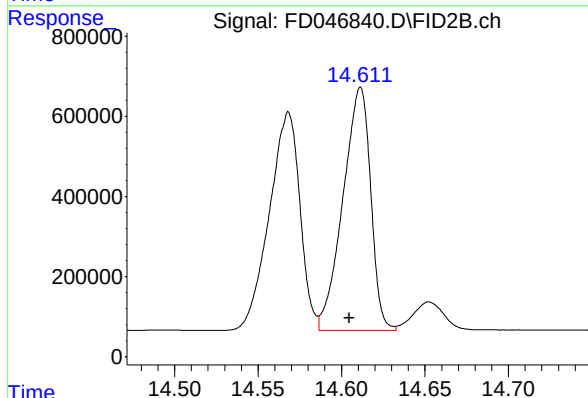
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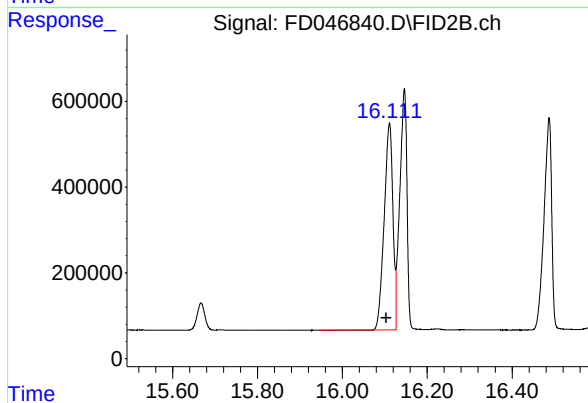
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.568 min
Delta R.T.: 0.005 min
Response: 6964781
Conc: 49.50 ug/ml



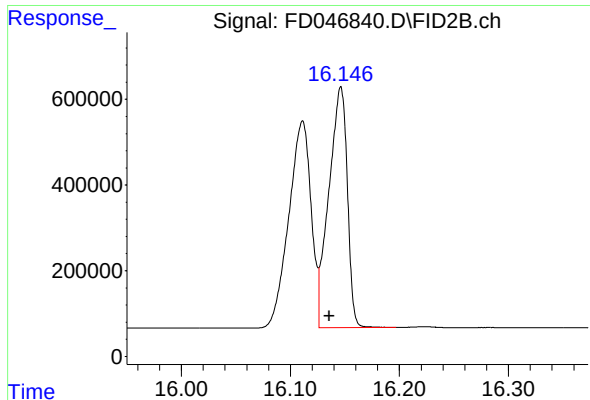
#15 Chrysene (C27.41)

R.T.: 14.611 min
Delta R.T.: 0.006 min
Response: 7007737
Conc: 44.93 ug/ml



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

R.T.: 16.111 min
Delta R.T.: 0.007 min
Response: 6836754
Conc: 47.77 ug/ml



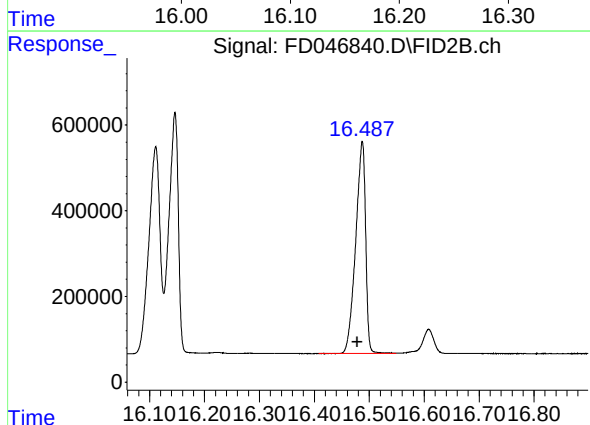
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.146 min
Delta R.T.: 0.010 min
Response: 6608664
Conc: 45.14 ug/ml

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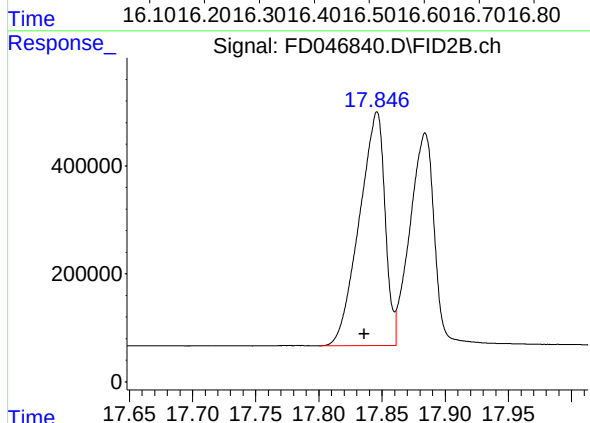
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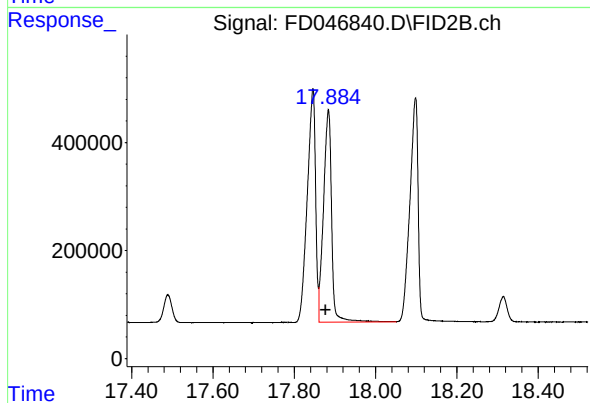
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.487 min
Delta R.T.: 0.008 min
Response: 6262447
Conc: 44.68 ug/ml



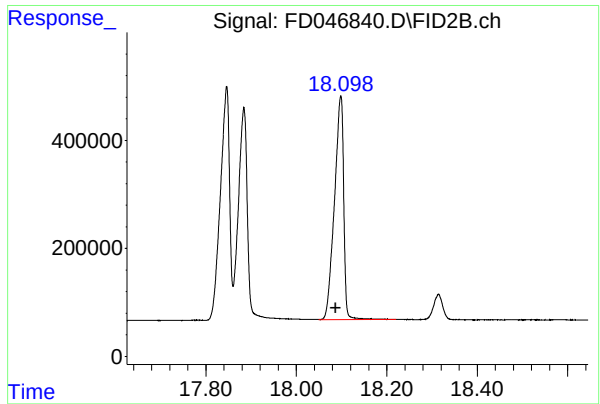
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.845 min
Delta R.T.: 0.009 min
Response: 6118321
Conc: 48.43 ug/ml



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

R.T.: 17.884 min
Delta R.T.: 0.006 min
Response: 5467974
Conc: 39.14 ug/ml



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

R.T.: 18.098 min
Delta R.T.: 0.011 min
Response: 5880881
Conc: 42.12 ug/ml

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