

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121422AR\
 Data File : FD044647.D
 Signal(s) : FID2B.ch
 Acq On : 14 Dec 2022 18:07
 Operator : YP/AJ
 Sample : PB149633BS
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

PB149633BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 12/15/2022

Supervised By :Ankita Jodhani 12/15/2022

Integration File: autoint1.e

Quant Time: Dec 15 03:14:14 2022

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 112922.M

Quant Title : GC Extractables

QLast Update : Tue Nov 29 00:29:41 2022

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...	7.680	5503638	42.407 ug/ml
Spiked Amount 50.000		Recovery =	84.81%
6) S 2-Fluorobiphenyl (SURR)	8.537	2367409	26.806 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	53.61%
11) S ortho-Terphenyl (SURR)	11.567	6682929	41.064 ug/ml
Spiked Amount 50.000		Recovery =	82.13%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.499	2853279	19.994 ug/mlm
2) T Naphthalene (C11.7)	6.028	3817352	25.389 ug/ml
3) T 2-Methylnaphthalene (...)	7.073	3971390	26.285 ug/ml
5) T Acenaphthylene (C15.06)	8.342	5102940	36.707 ug/ml
7) T Acenaphthene (C15.5)	8.637	4704809	32.059 ug/ml
8) T Flouorene (C16.55)	9.414	5874968	40.745 ug/ml
9) T Phenanthrene (C19.36)	10.803	6005536	42.114 ug/ml
10) T Anthracene (C19.43)	10.877	5903397	42.491 ug/ml
12) T Fluoranthene (C21.85)	12.605	6367077	44.663 ug/ml
13) T Pyrene (C20.8)	12.901	6139442	44.115 ug/ml
14) T Benzo[a]anthracene (C...	14.762	6412974	49.563 ug/ml
15) T Chrysene (C27.41)	14.806	6452728	47.864 ug/mlm
16) T benzo[b]fluoranthene ...	16.302	6549457	49.760 ug/ml
17) T Bnezo[k]fluoranthene ...	16.337	6120102	46.999 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.678	5831262	45.121 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.036	6318223	49.574 ug/ml
20) T Dibenz[a,h]anthracene...	18.076	5920054	47.051 ug/ml
21) T Benzo[g,h,i]perylene ...	18.291	6098101	47.412 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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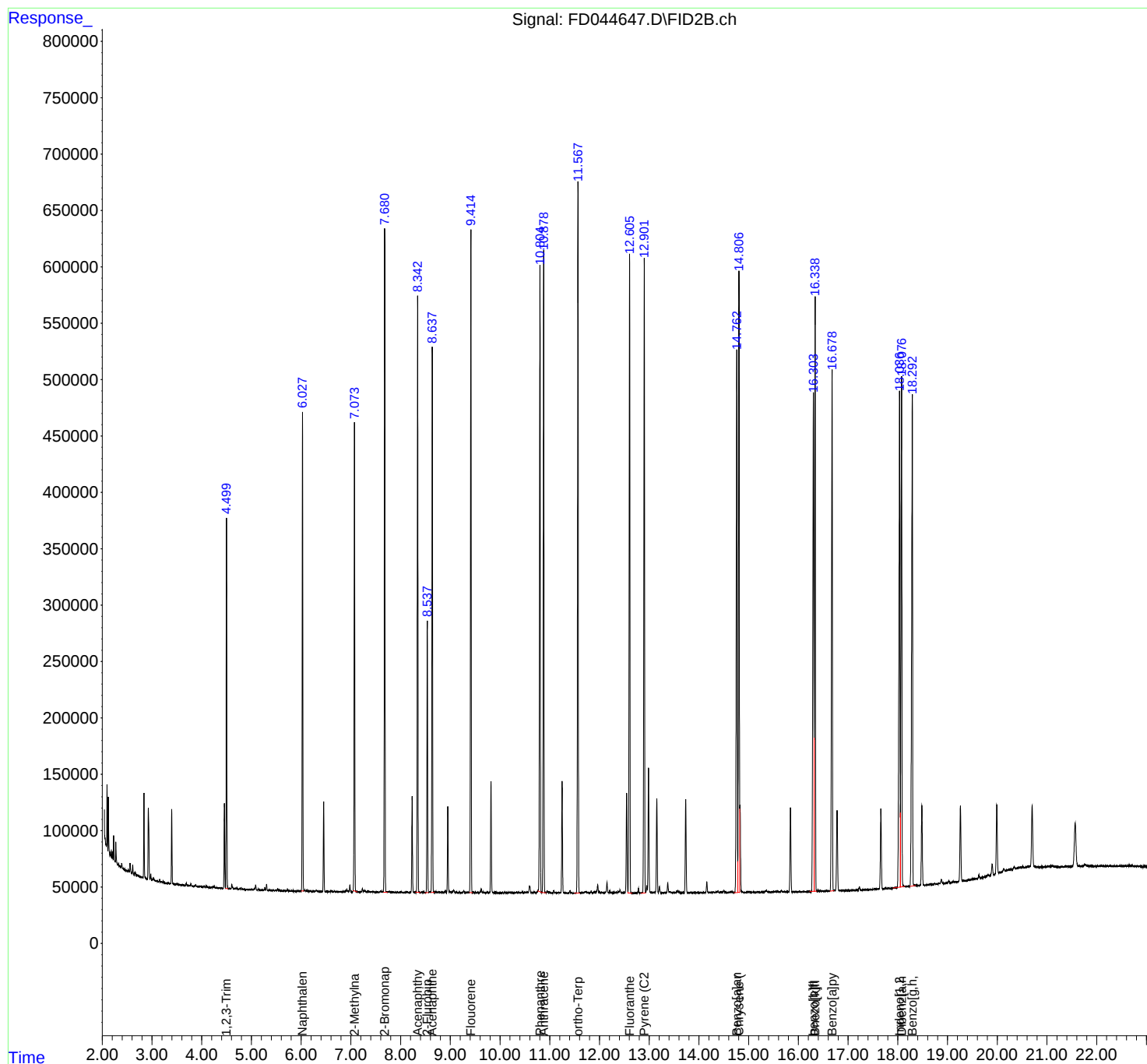
Instrument :
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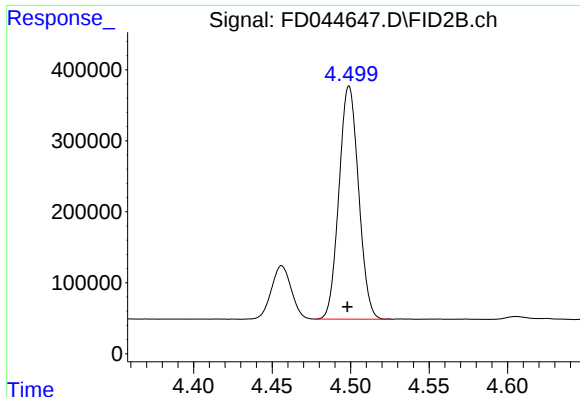
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Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





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

R.T.: 4.499 min
Delta R.T.: 0.000 min
Response: 2853279
Conc: 19.99 ug/ml

Instrument :

FID_D

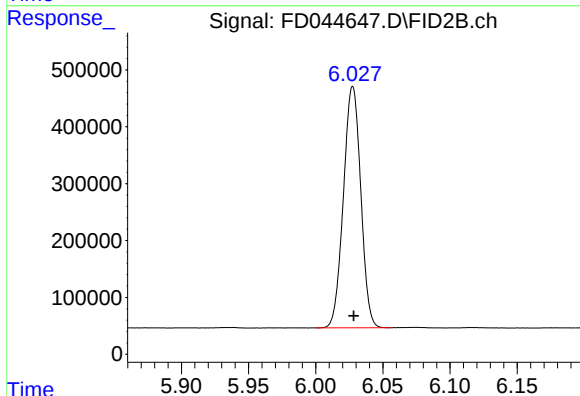
ClientSampleId :

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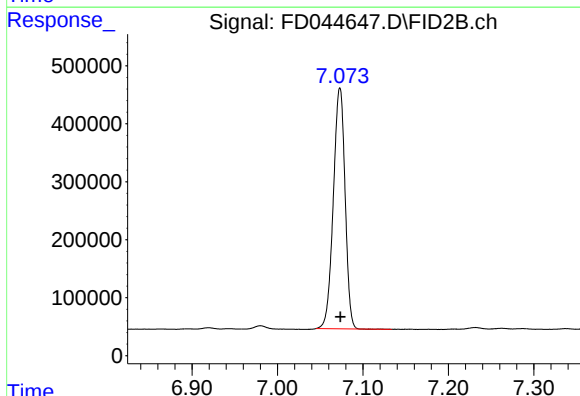
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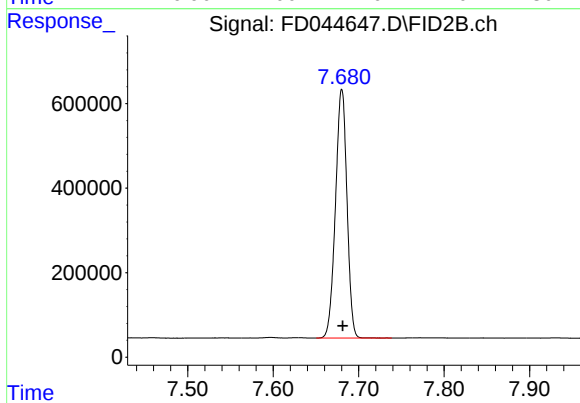
#2 Naphthalene (C11.7)

R.T.: 6.028 min
Delta R.T.: 0.000 min
Response: 3817352
Conc: 25.39 ug/ml



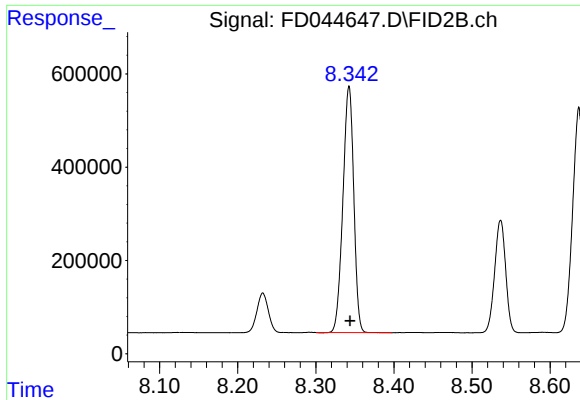
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.073 min
Delta R.T.: 0.000 min
Response: 3971390
Conc: 26.28 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.680 min
Delta R.T.: -0.001 min
Response: 5503638
Conc: 42.41 ug/ml



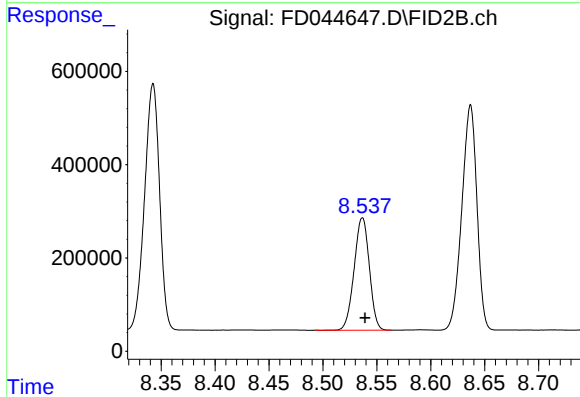
#5 Acenaphthylene (C15.06)

R.T.: 8.342 min
Delta R.T.: -0.001 min
Response: 5102940
Conc: 36.71 ug/ml

Instrument :
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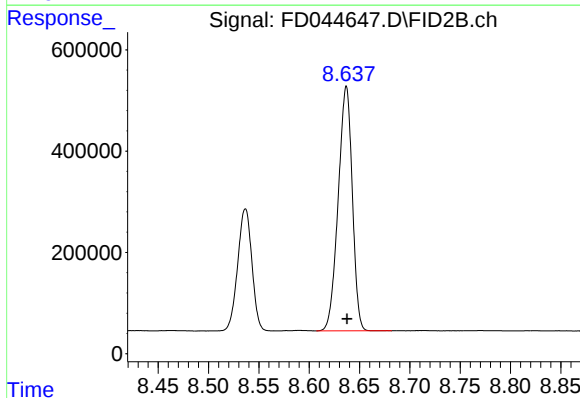
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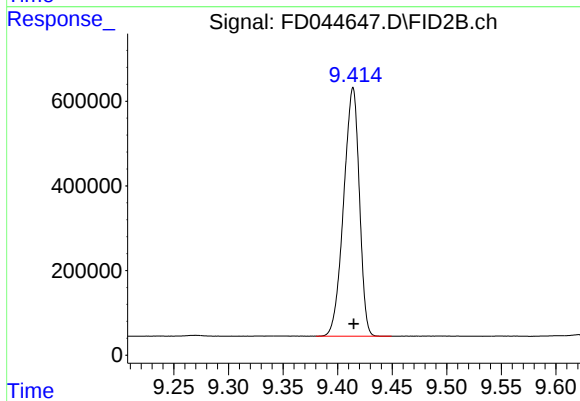
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.537 min
Delta R.T.: -0.003 min
Response: 2367409
Conc: 26.81 ug/ml



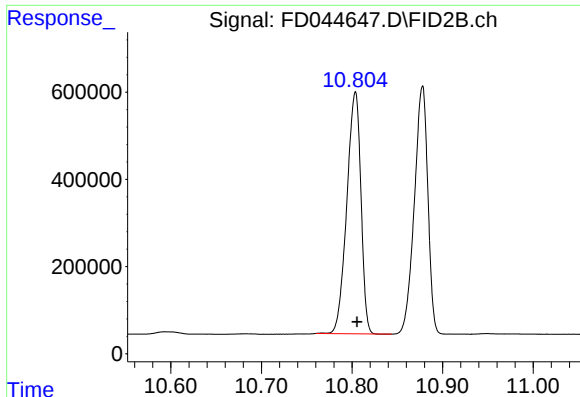
#7 Acenaphthene (C15.5)

R.T.: 8.637 min
Delta R.T.: 0.000 min
Response: 4704809
Conc: 32.06 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.414 min
Delta R.T.: -0.001 min
Response: 5874968
Conc: 40.75 ug/ml



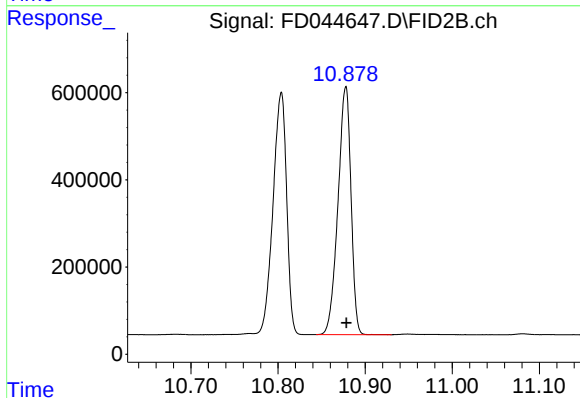
#9 Phenanthrene (C19.36)

R.T.: 10.803 min
Delta R.T.: -0.002 min
Response: 6005536
Conc: 42.11 ug/ml

Instrument :
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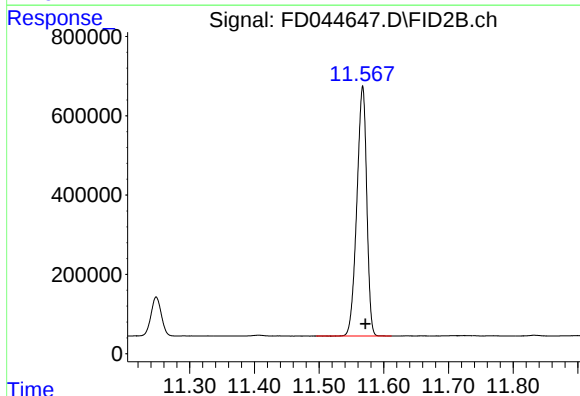
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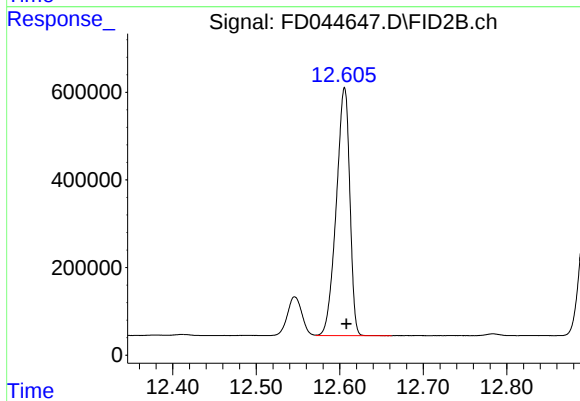
#10 Anthracene (C19.43)

R.T.: 10.877 min
Delta R.T.: 0.000 min
Response: 5903397
Conc: 42.49 ug/ml



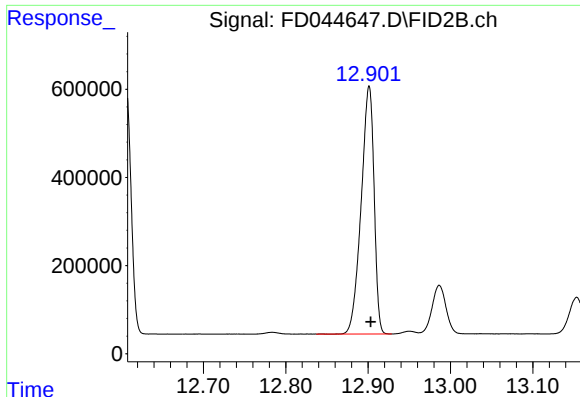
#11 ortho-Terphenyl (SURR)

R.T.: 11.567 min
Delta R.T.: -0.005 min
Response: 6682929
Conc: 41.06 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.605 min
Delta R.T.: -0.003 min
Response: 6367077
Conc: 44.66 ug/ml



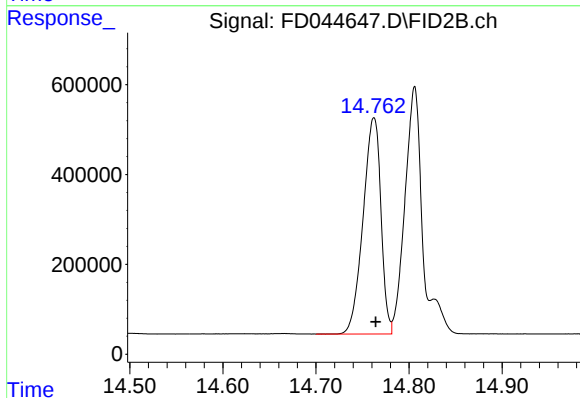
#13 Pyrene (C20.8)

R.T.: 12.901 min
Delta R.T.: -0.002 min
Response: 6139442
Conc: 44.11 ug/ml

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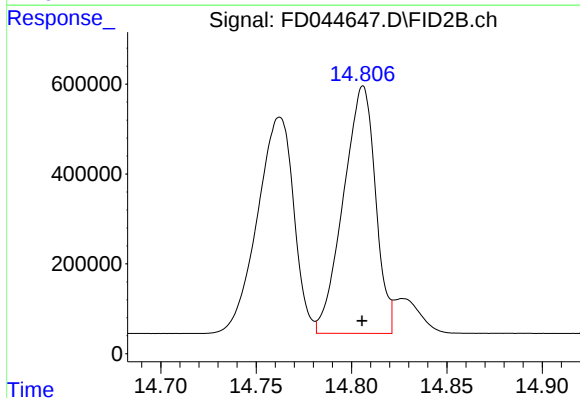
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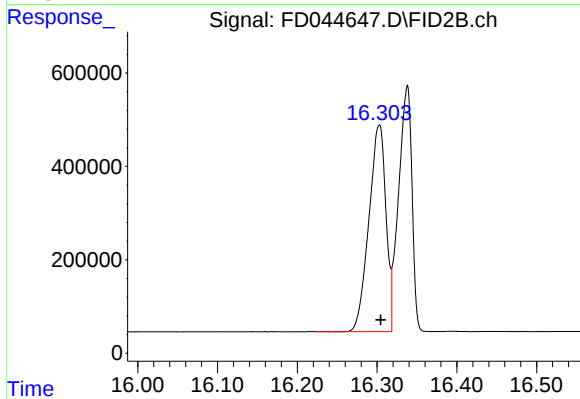
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.762 min
Delta R.T.: -0.002 min
Response: 6412974
Conc: 49.56 ug/ml



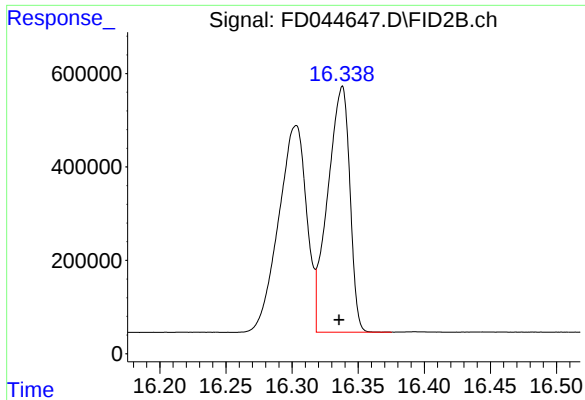
#15 Chrysene (C27.41)

R.T.: 14.806 min
Delta R.T.: 0.000 min
Response: 6452728
Conc: 47.86 ug/ml m



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

R.T.: 16.302 min
Delta R.T.: -0.002 min
Response: 6549457
Conc: 49.76 ug/ml



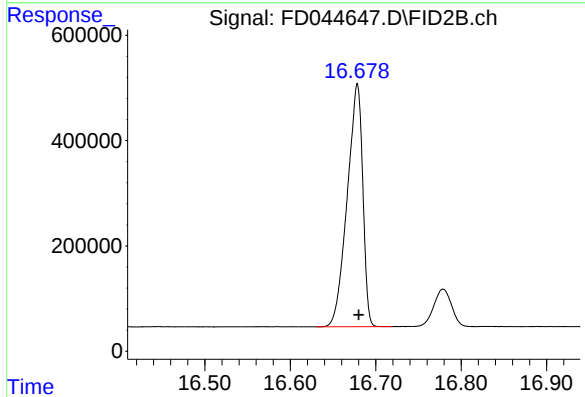
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.337 min
Delta R.T.: 0.002 min
Response: 6120102
Conc: 47.00 ug/ml

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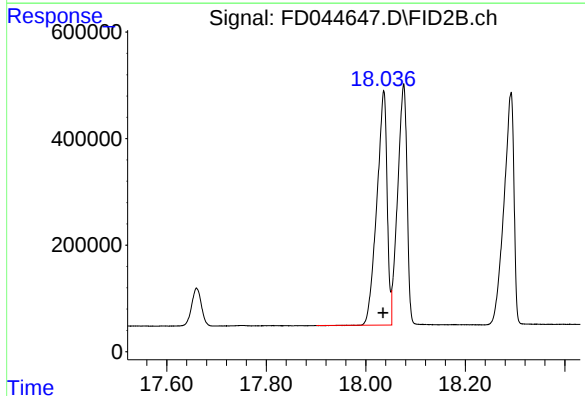
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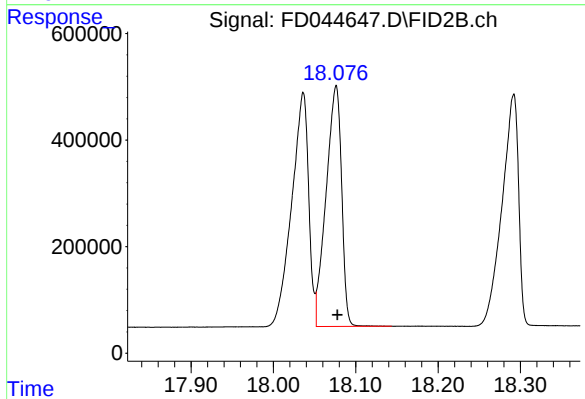
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.678 min
Delta R.T.: -0.002 min
Response: 5831262
Conc: 45.12 ug/ml



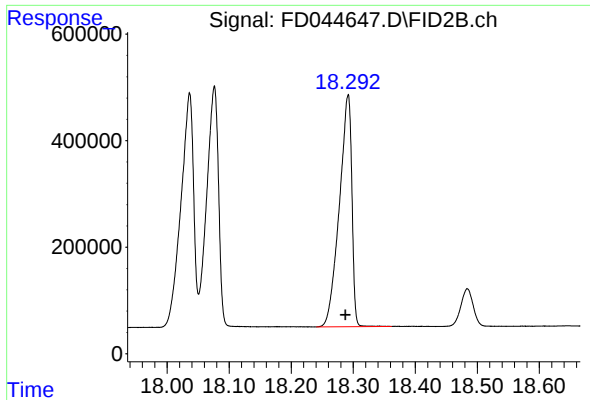
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.036 min
Delta R.T.: 0.000 min
Response: 6318223
Conc: 49.57 ug/ml



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

R.T.: 18.076 min
Delta R.T.: -0.002 min
Response: 5920054
Conc: 47.05 ug/ml



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

R.T.: 18.291 min
Delta R.T.: 0.004 min
Response: 6098101
Conc: 47.41 ug/ml

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