

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122322AR\
 Data File : FD044692.D
 Signal(s) : FID2B.ch
 Acq On : 23 Dec 2022 19:40
 Operator : YP/AJ
 Sample : PB149876BSD
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB149876BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/27/2022
 Supervised By :Ankita Jodhani 12/27/2022

Integration File: autoint1.e
 Quant Time: Dec 25 14:27:47 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...	7.684	6150104	47.389 ug/ml
Spiked Amount 50.000		Recovery =	94.78%
6) S 2-Fluorobiphenyl (SURR)	8.541	3933277	44.536 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	89.07%
11) S ortho-Terphenyl (SURR)	11.569	6285882	38.624 ug/ml
Spiked Amount 50.000		Recovery =	77.25%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.501	4610175	32.306 ug/mlm
2) T Naphthalene (C11.7)	6.031	4662861	31.013 ug/ml
3) T 2-Methylnaphthalene (...)	7.076	4862875	32.185 ug/ml
5) T Acenaphthylene (C15.06)	8.345	4891729	35.188 ug/ml
7) T Acenaphthene (C15.5)	8.640	5335736	36.358 ug/ml
8) T Flouorene (C16.55)	9.416	5110663	35.445 ug/ml
9) T Phenanthrene (C19.36)	10.805	5026762	35.250 ug/ml
10) T Anthracene (C19.43)	10.879	5046029	36.320 ug/ml
12) T Fluoranthene (C21.85)	12.607	5011713	35.156 ug/ml
13) T Pyrene (C20.8)	12.902	5135172	36.899 ug/ml
14) T Benzo[a]anthracene (C...	14.762	4785809	36.987 ug/ml
15) T Chrysene (C27.41)	14.805	4823954	35.782 ug/mlm
16) T benzo[b]fluoranthene ...	16.302	4736484	35.986 ug/ml
17) T Bnezo[k]fluoranthene ...	16.335	4483523	34.431 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.678	4322539	33.447 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.033	4327762	33.957 ug/ml
20) T Dibenz[a,h]anthracene...	18.073	4050710	32.194 ug/ml
21) T Benzo[g,h,i]perylene ...	18.287	4334759	33.702 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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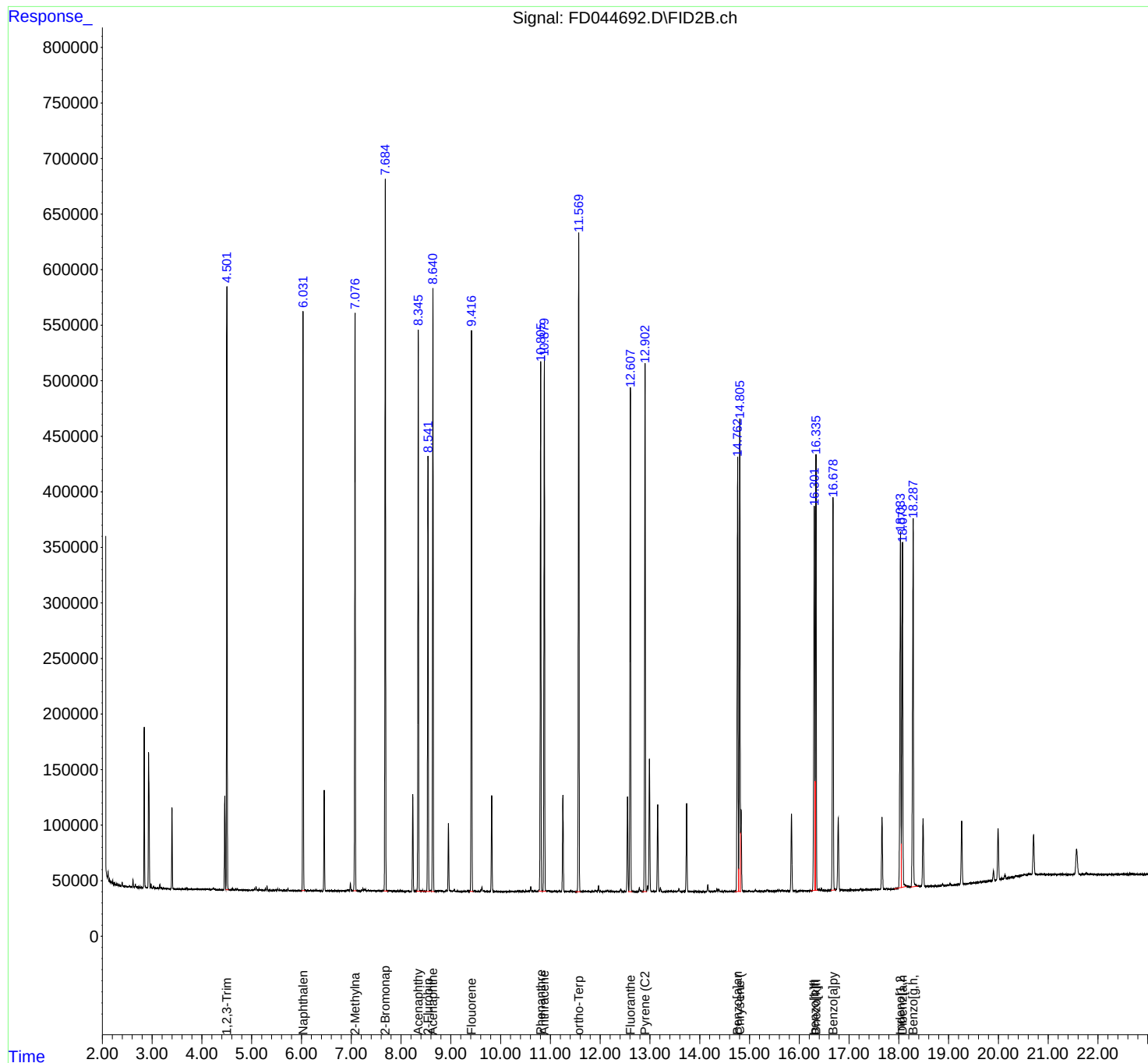
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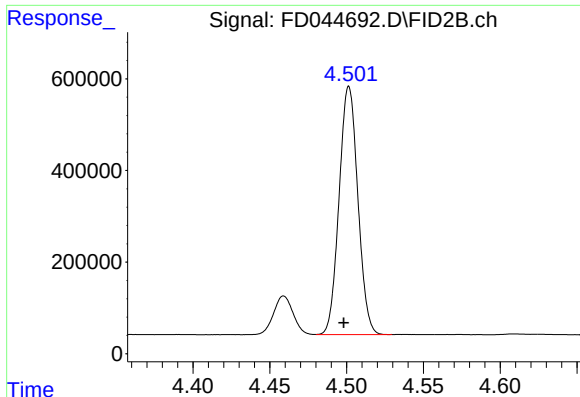
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#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.501 min
Delta R.T.: 0.003 min
Response: 4610175
Conc: 32.31 ug/ml

Instrument :

FID_D

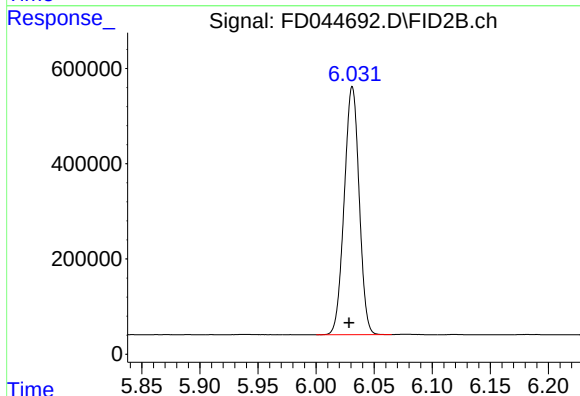
ClientSampleId :

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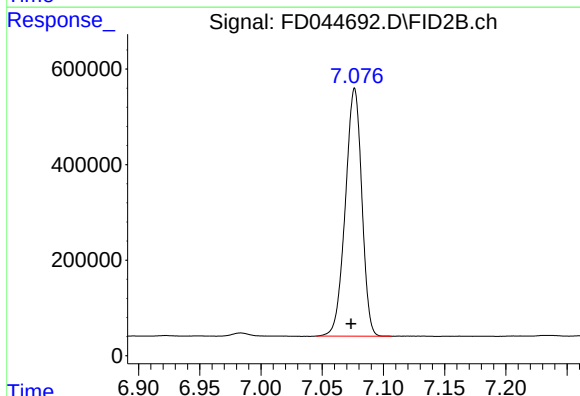
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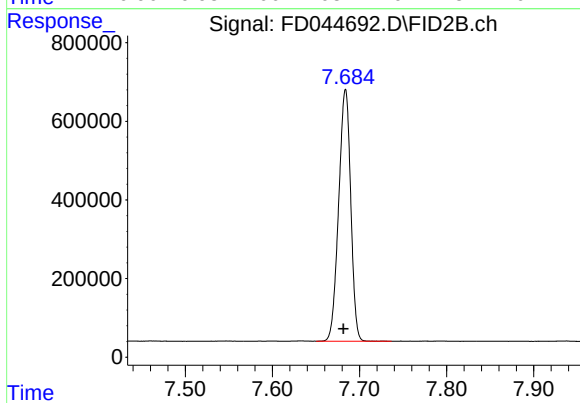
#2 Naphthalene (C11.7)

R.T.: 6.031 min
Delta R.T.: 0.003 min
Response: 4662861
Conc: 31.01 ug/ml



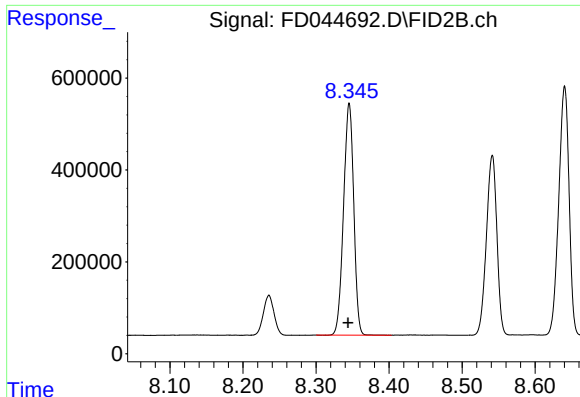
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.076 min
Delta R.T.: 0.003 min
Response: 4862875
Conc: 32.19 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.684 min
Delta R.T.: 0.002 min
Response: 6150104
Conc: 47.39 ug/ml



#5 Acenaphthylene (C15.06)

R.T.: 8.345 min
Delta R.T.: 0.002 min
Response: 4891729
Conc: 35.19 ug/ml

Instrument :

FID_D

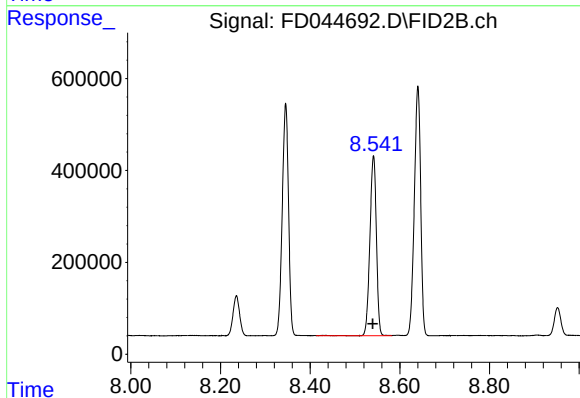
ClientSampleId :

PB149876BSD

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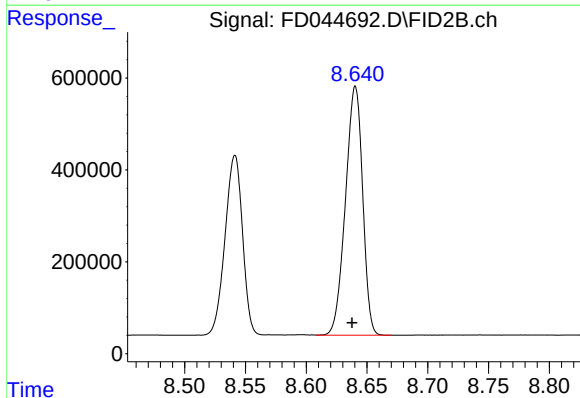
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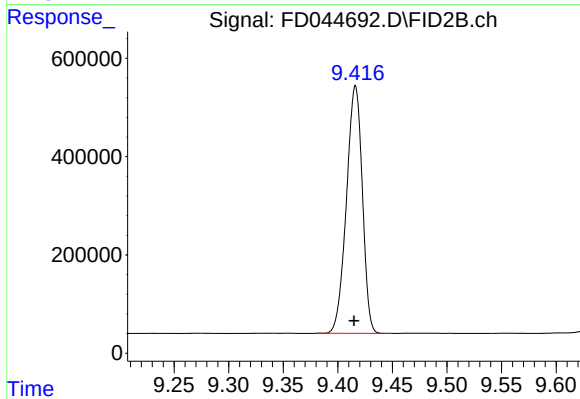
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.541 min
Delta R.T.: 0.002 min
Response: 3933277
Conc: 44.54 ug/ml



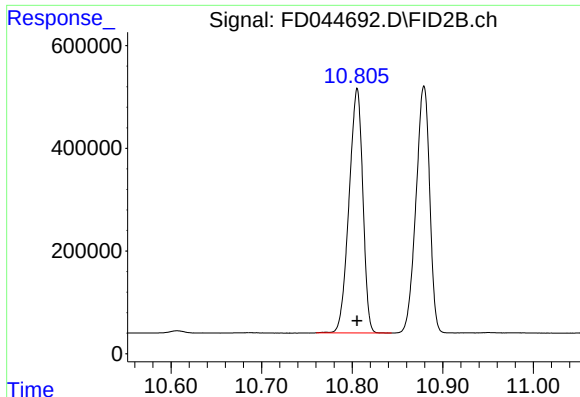
#7 Acenaphthene (C15.5)

R.T.: 8.640 min
Delta R.T.: 0.003 min
Response: 5335736
Conc: 36.36 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.416 min
Delta R.T.: 0.001 min
Response: 5110663
Conc: 35.44 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.805 min
Delta R.T.: 0.000 min
Response: 5026762
Conc: 35.25 ug/ml

Instrument :

FID_D

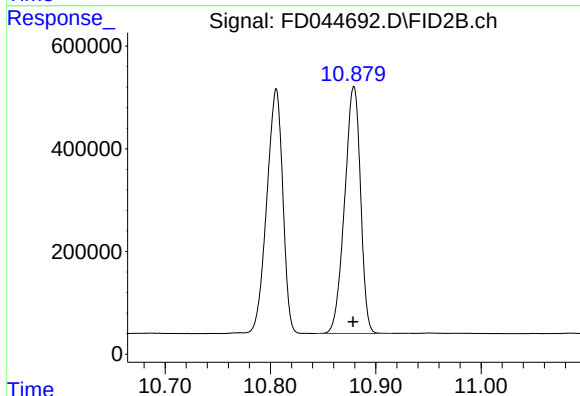
ClientSampleId :

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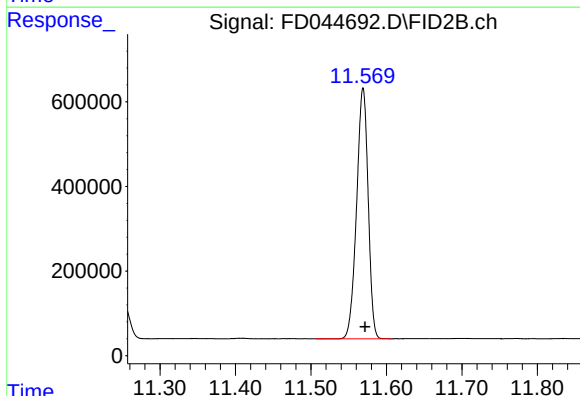
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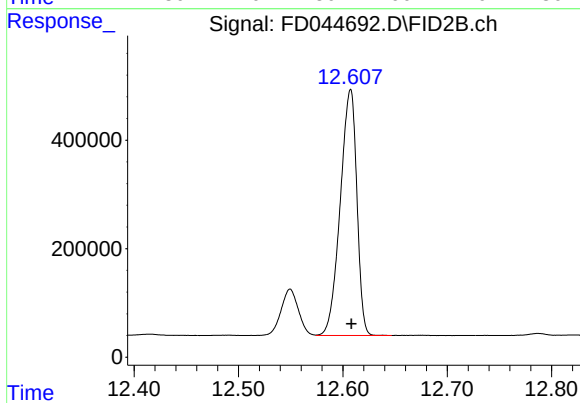
#10 Anthracene (C19.43)

R.T.: 10.879 min
Delta R.T.: 0.000 min
Response: 5046029
Conc: 36.32 ug/ml



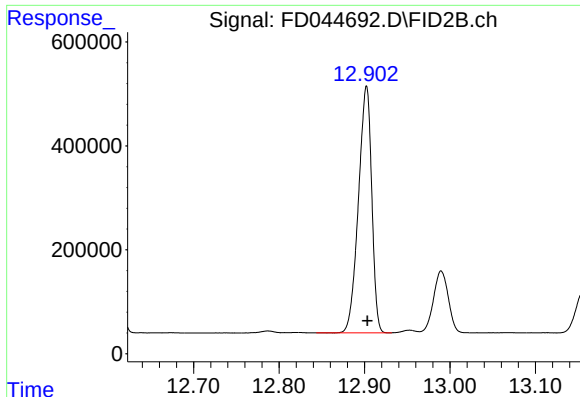
#11 ortho-Terphenyl (SURR)

R.T.: 11.569 min
Delta R.T.: -0.003 min
Response: 6285882
Conc: 38.62 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.607 min
Delta R.T.: -0.001 min
Response: 5011713
Conc: 35.16 ug/ml



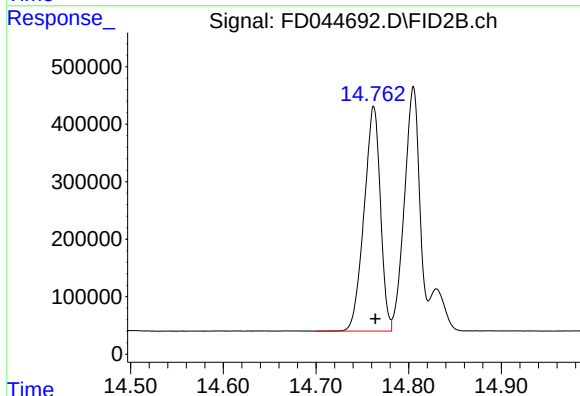
#13 Pyrene (C20.8)

R.T.: 12.902 min
Delta R.T.: -0.001 min
Response: 5135172
Conc: 36.90 ug/ml

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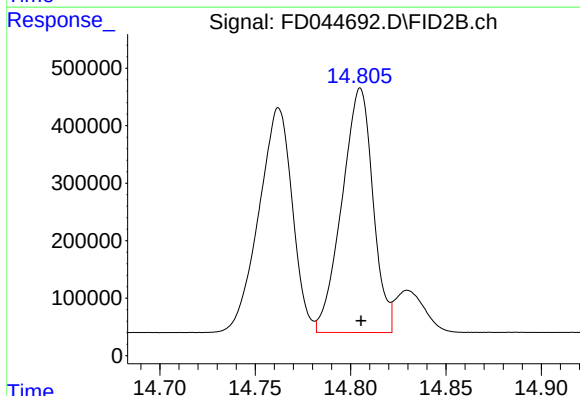
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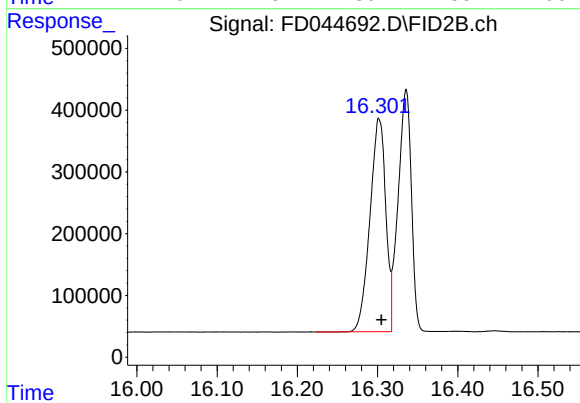
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.762 min
Delta R.T.: -0.002 min
Response: 4785809
Conc: 36.99 ug/ml



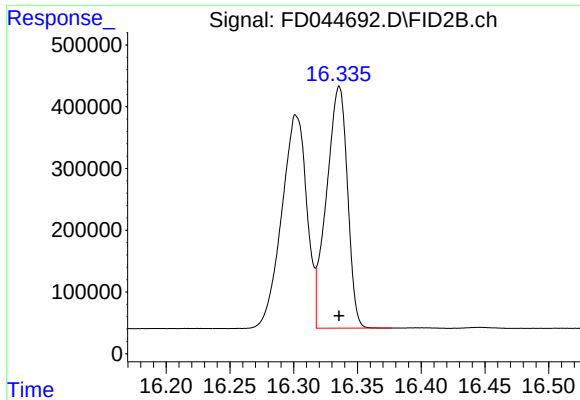
#15 Chrysene (C27.41)

R.T.: 14.805 min
Delta R.T.: 0.000 min
Response: 4823954
Conc: 35.78 ug/ml m



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

R.T.: 16.302 min
Delta R.T.: -0.003 min
Response: 4736484
Conc: 35.99 ug/ml



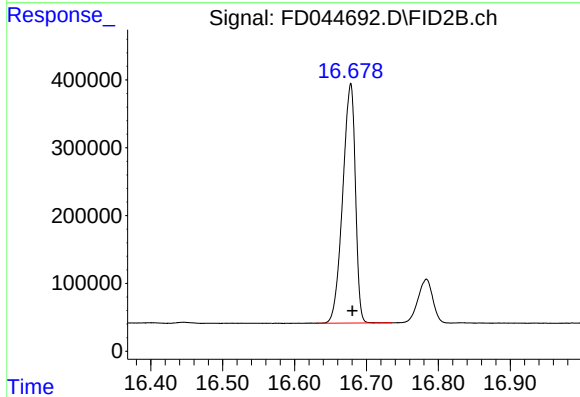
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.335 min
Delta R.T.: 0.000 min
Response: 4483523
Conc: 34.43 ug/ml

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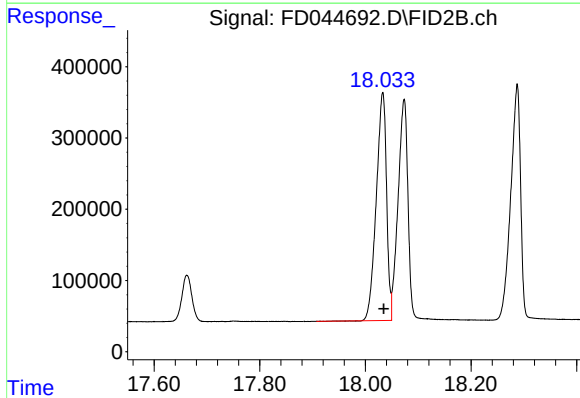
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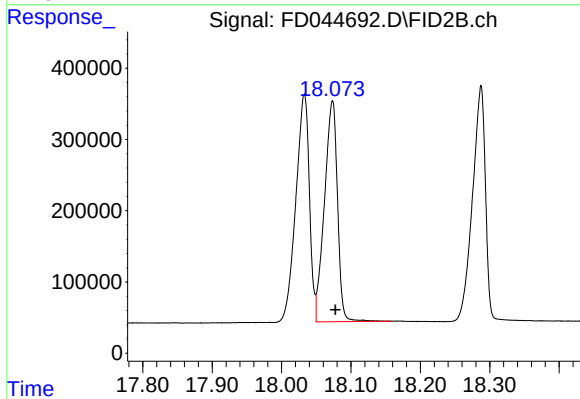
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.678 min
Delta R.T.: -0.003 min
Response: 4322539
Conc: 33.45 ug/ml



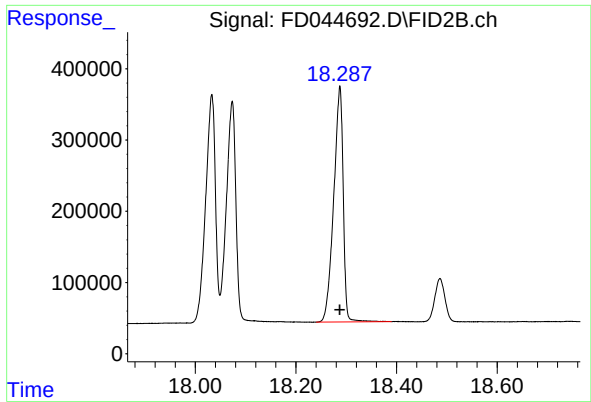
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.033 min
Delta R.T.: -0.002 min
Response: 4327762
Conc: 33.96 ug/ml



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

R.T.: 18.073 min
Delta R.T.: -0.005 min
Response: 4050710
Conc: 32.19 ug/ml



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

R.T.: 18.287 min
Delta R.T.: 0.000 min
Response: 4334759
Conc: 33.70 ug/ml

Instrument :

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