

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD120122AR\
 Data File : FD044585.D
 Signal(s) : FID2B.ch
 Acq On : 02 Dec 2022 21:28
 Operator : YP/AJ
 Sample : PB149398BS
 Misc :
 ALS Vial : 79 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB149398BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/05/2022
 Supervised By :Ankita Jodhani 12/05/2022

Integration File: sample.E
 Quant Time: Dec 03 01:46:36 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...	7.681	6853821	52.811 ug/ml
Spiked Amount 50.000		Recovery =	105.62%
6) S 2-Fluorobiphenyl (SURR)	8.539	4517645	51.153 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	102.31%
11) S ortho-Terphenyl (SURR)	11.568	6629962	40.738 ug/ml
Spiked Amount 50.000		Recovery =	81.48%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.495	4444266	31.143 ug/ml
2) T Naphthalene (C11.7)	6.027	6601524	43.907 ug/ml
3) T 2-Methylnaphthalene (...)	7.073	5965115	39.481 ug/ml
5) T Acenaphthylene (C15.06)	8.344	7395798	53.201 ug/ml
7) T Acenaphthene (C15.5)	8.638	6222312	42.399 ug/ml
8) T Flouorene (C16.55)	9.416	7167073	49.707 ug/ml
9) T Phenanthrene (C19.36)	10.806	7538814	52.866 ug/ml
10) T Anthracene (C19.43)	10.880	7361515	52.986 ug/ml
12) T Fluoranthene (C21.85)	12.609	7700594	54.017 ug/ml
13) T Pyrene (C20.8)	12.905	7269509	52.235 ug/ml
14) T Benzo[a]anthracene (C...	14.767	7443295	57.526 ug/ml
15) T Chrysene (C27.41)	14.811	7407999	54.949 ug/ml
16) T benzo[b]fluoranthene ...	16.308	7604155	57.774 ug/ml
17) T Bnezo[k]fluoranthene ...	16.343	7013446	53.859 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.683	6523672	50.478 ug/mlm
19) T Indeno[1,2,3-cd]pyren...	18.042	7369836	57.826 ug/mlm
20) T Dibenz[a,h]anthracene...	18.083	7143338	56.773 ug/ml
21) T Benzo[g,h,i]perylene ...	18.298	6914664	53.761 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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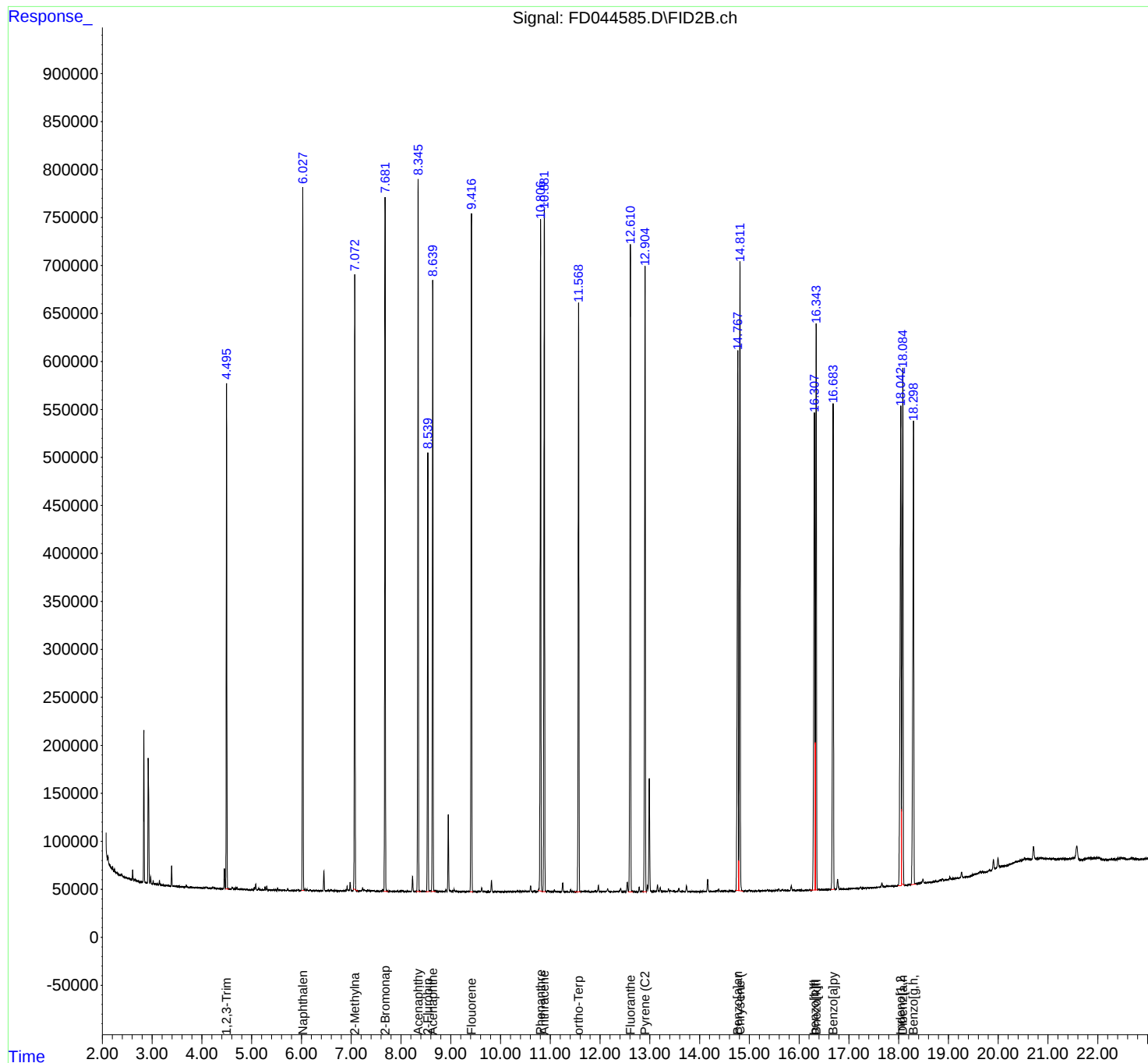
Response via : Initial Calibration

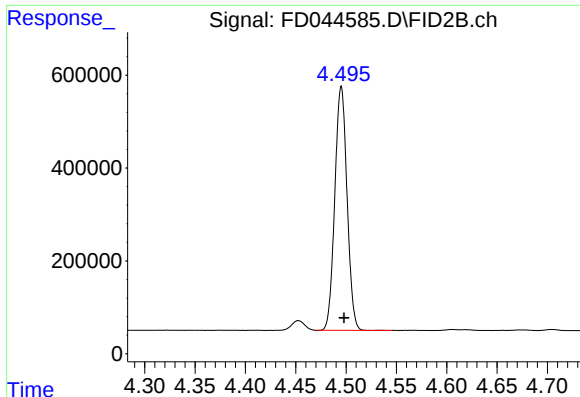
Integrator: ChemStation

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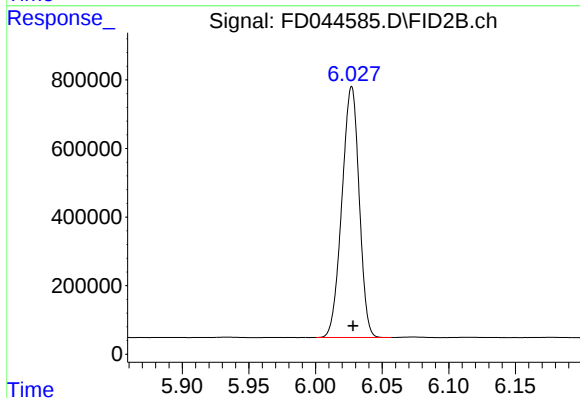
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.495 min
Delta R.T.: -0.003 min
Response: 4444266
Conc: 31.14 ug/ml

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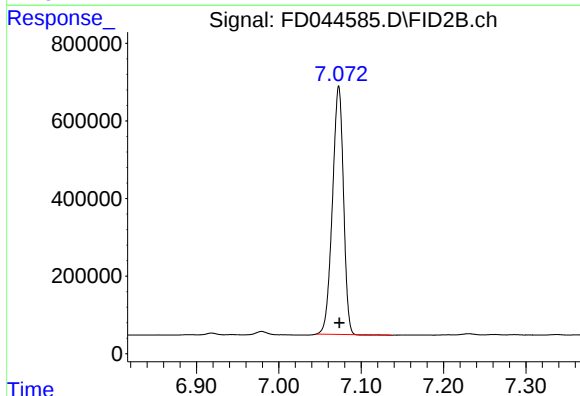
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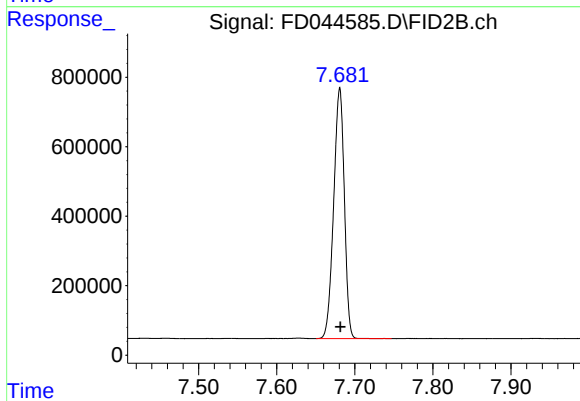
#2 Naphthalene (C11.7)

R.T.: 6.027 min
Delta R.T.: -0.001 min
Response: 6601524
Conc: 43.91 ug/ml



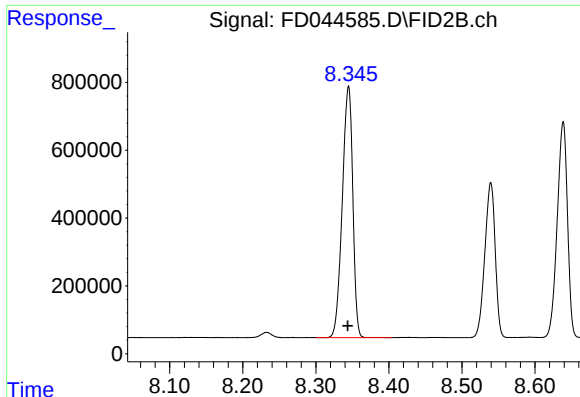
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.073 min
Delta R.T.: -0.001 min
Response: 5965115
Conc: 39.48 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.681 min
Delta R.T.: -0.001 min
Response: 6853821
Conc: 52.81 ug/ml



#5 Acenaphthylene (C15.06)

R.T.: 8.344 min
Delta R.T.: 0.000 min
Response: 7395798
Conc: 53.20 ug/ml

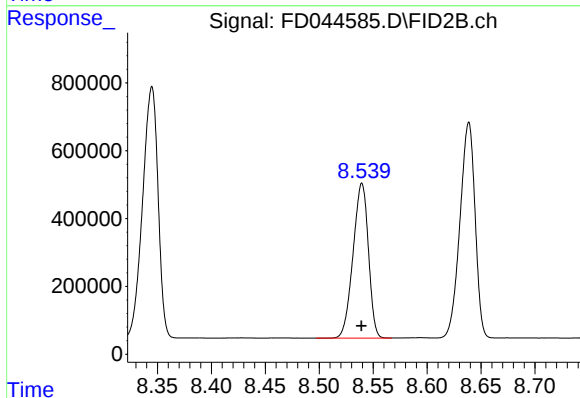
Instrument :

FID_D

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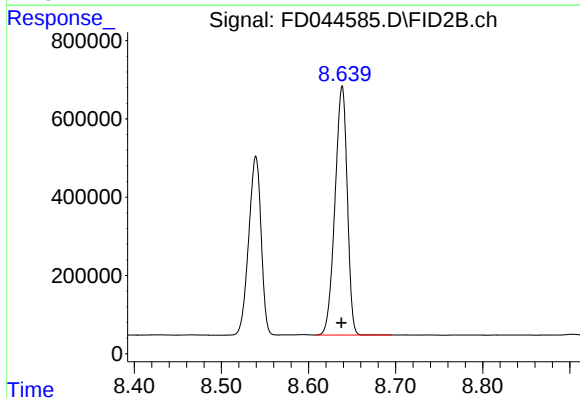
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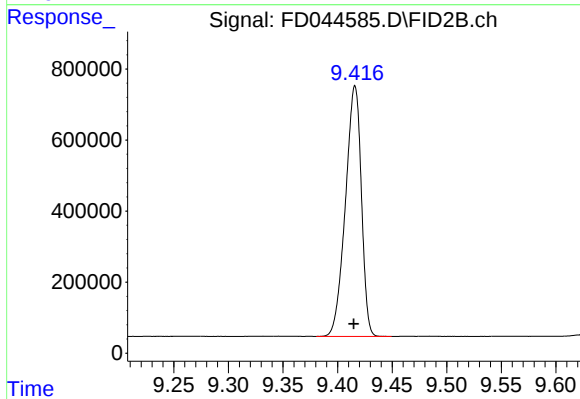
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.539 min
Delta R.T.: 0.000 min
Response: 4517645
Conc: 51.15 ug/ml



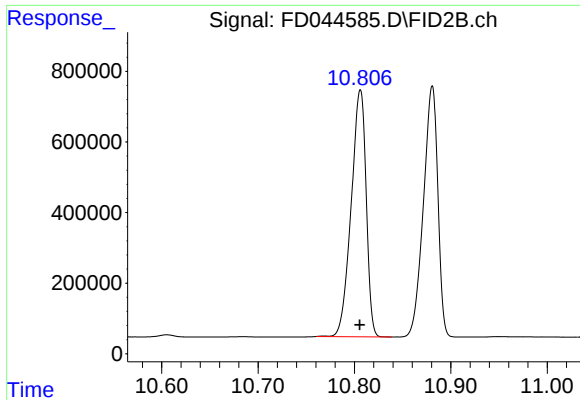
#7 Acenaphthene (C15.5)

R.T.: 8.638 min
Delta R.T.: 0.000 min
Response: 6222312
Conc: 42.40 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.416 min
Delta R.T.: 0.000 min
Response: 7167073
Conc: 49.71 ug/ml



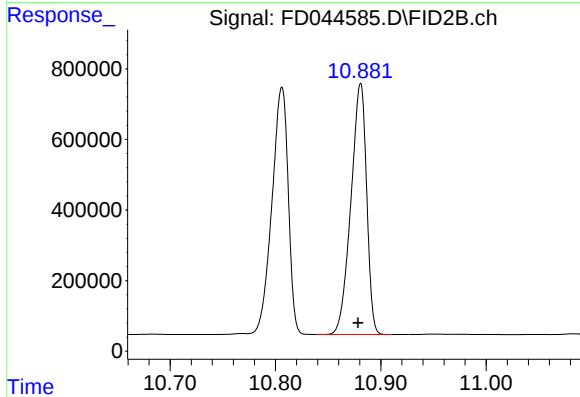
#9 Phenanthrene (C19.36)

R.T.: 10.806 min
Delta R.T.: 0.000 min
Response: 7538814
Conc: 52.87 ug/ml

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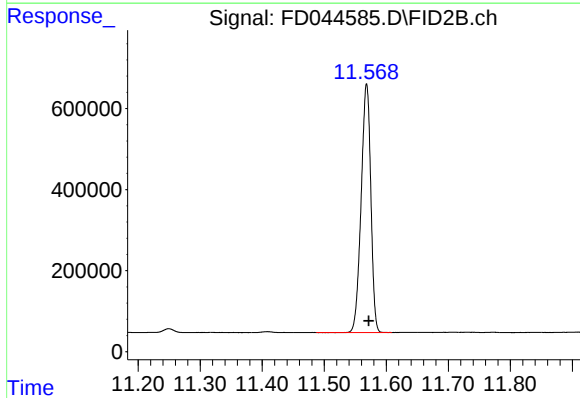
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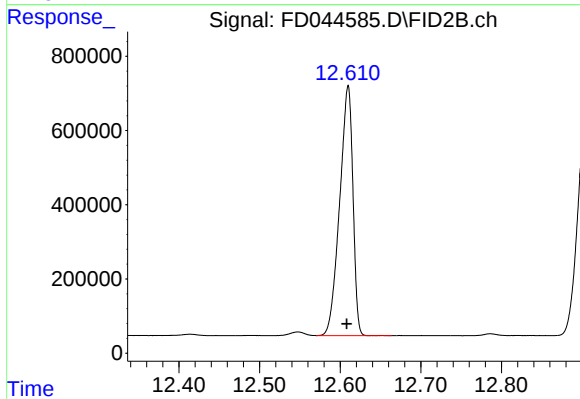
#10 Anthracene (C19.43)

R.T.: 10.880 min
Delta R.T.: 0.002 min
Response: 7361515
Conc: 52.99 ug/ml



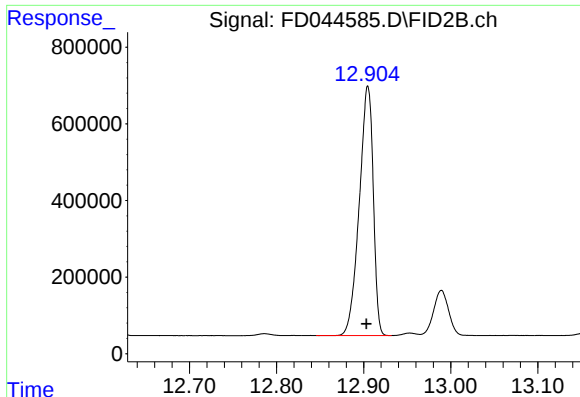
#11 ortho-Terphenyl (SURR)

R.T.: 11.568 min
Delta R.T.: -0.004 min
Response: 6629962
Conc: 40.74 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.609 min
Delta R.T.: 0.001 min
Response: 7700594
Conc: 54.02 ug/ml



#13 Pyrene (C20.8)

R.T.: 12.905 min
Delta R.T.: 0.001 min
Response: 7269509
Conc: 52.24 ug/ml

Instrument :

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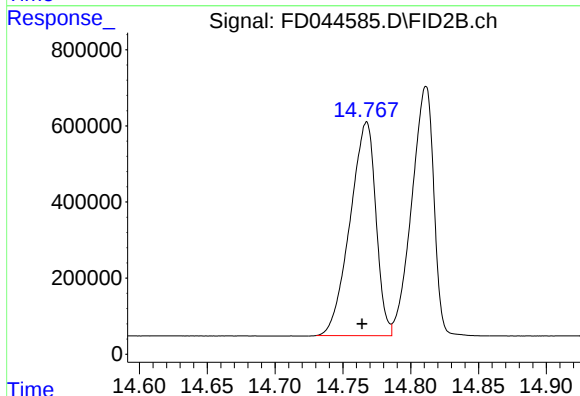
ClientSampleId :

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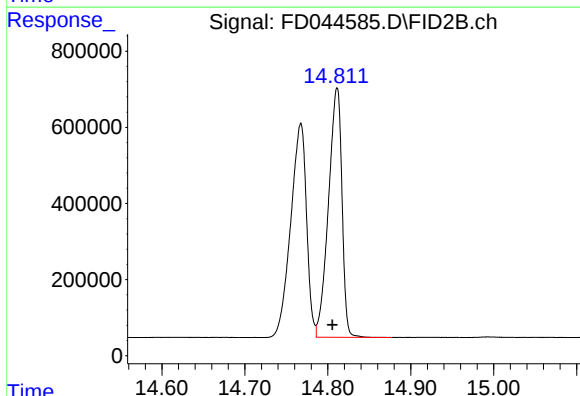
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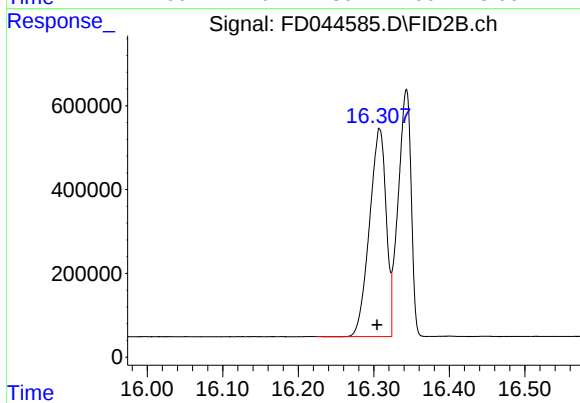
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.767 min
Delta R.T.: 0.003 min
Response: 7443295
Conc: 57.53 ug/ml



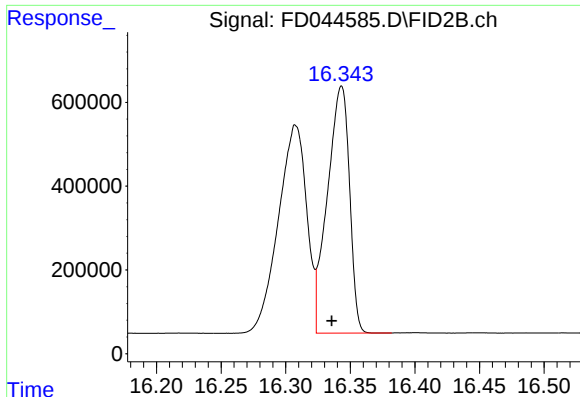
#15 Chrysene (C27.41)

R.T.: 14.811 min
Delta R.T.: 0.005 min
Response: 7407999
Conc: 54.95 ug/ml



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

R.T.: 16.308 min
Delta R.T.: 0.003 min
Response: 7604155
Conc: 57.77 ug/ml



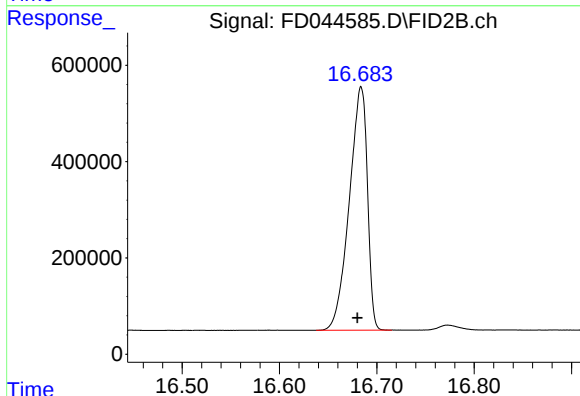
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.343 min
Delta R.T.: 0.007 min
Response: 7013446
Conc: 53.86 ug/ml

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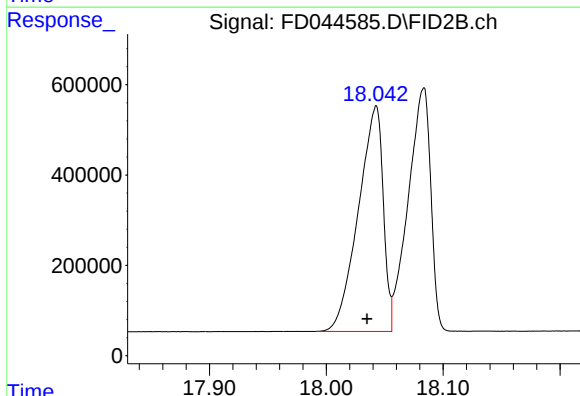
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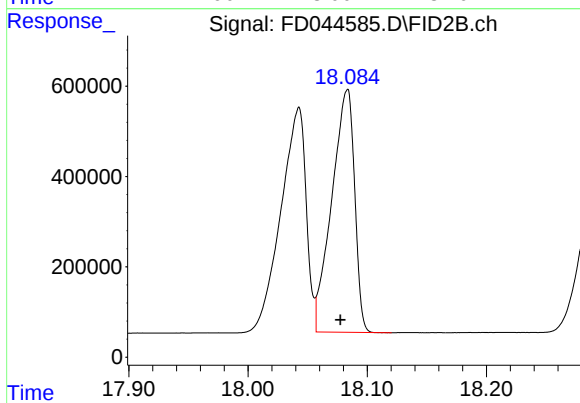
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.683 min
Delta R.T.: 0.003 min
Response: 6523672
Conc: 50.48 ug/ml m



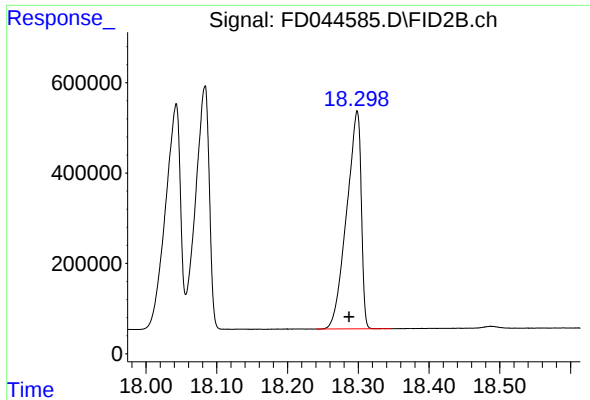
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.042 min
Delta R.T.: 0.007 min
Response: 7369836
Conc: 57.83 ug/ml m



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

R.T.: 18.083 min
Delta R.T.: 0.005 min
Response: 7143338
Conc: 56.77 ug/ml



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

R.T.: 18.298 min
Delta R.T.: 0.011 min
Response: 6914664
Conc: 53.76 ug/ml

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