

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD111722AR\
 Data File : FD044452.D
 Signal(s) : FID2B.ch
 Acq On : 17 Nov 2022 11:40
 Operator : YP/AJ
 Sample : PB149099BS
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB149099BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/18/2022
 Supervised By :Ankita Jodhani 11/18/2022

Integration File: autoint1.e
 Quant Time: Nov 18 03:12:43 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 110322.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 17 08:21:34 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...	7.693	6456118	47.711 ug/ml
Spiked Amount 50.000		Recovery =	95.42%
6) S 2-Fluorobiphenyl (SURR)	8.554	4365745	46.553 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	93.11%
11) S ortho-Terphenyl (SURR)	11.588	6598123	38.457 ug/ml
Spiked Amount 50.000		Recovery =	76.91%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.501	5103759	35.015 ug/ml
2) T Naphthalene (C11.7)	6.036	5955972	38.253 ug/ml
3) T 2-Methylnaphthalene (...)	7.085	6126220	38.777 ug/ml
5) T Acenaphthylene (C15.06)	8.358	6099764	40.450 ug/ml
7) T Acenaphthene (C15.5)	8.654	6515064	42.104 ug/ml
8) T Flouorene (C16.55)	9.432	6598731	42.907 ug/ml
9) T Phenanthrene (C19.36)	10.824	6736670	44.798 ug/ml
10) T Anthracene (C19.43)	10.898	6647090	45.368 ug/ml
12) T Fluoranthene (C21.85)	12.630	6816174	44.851 ug/ml
13) T Pyrene (C20.8)	12.926	6827829	45.931 ug/ml
14) T Benzo[a]anthracene (C...	14.790	6691515	47.807 ug/ml
15) T Chrysene (C27.41)	14.834	7224615	49.331 ug/ml
16) T benzo[b]fluoranthene ...	16.333	6631348	46.109 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.368	6201860	43.619 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.709	5867098	41.937 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.069	6386243	46.836 ug/mlm
20) T Dibenz[a,h]anthracene...	18.108	6069258	45.058 ug/ml
21) T Benzo[g,h,i]perylene ...	18.324	6172500	45.216 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD11722AR\
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Operator : YP/AJ
Sample : PB149099BS
Misc :
ALS Vial : 61 Sample Multiplier: 1

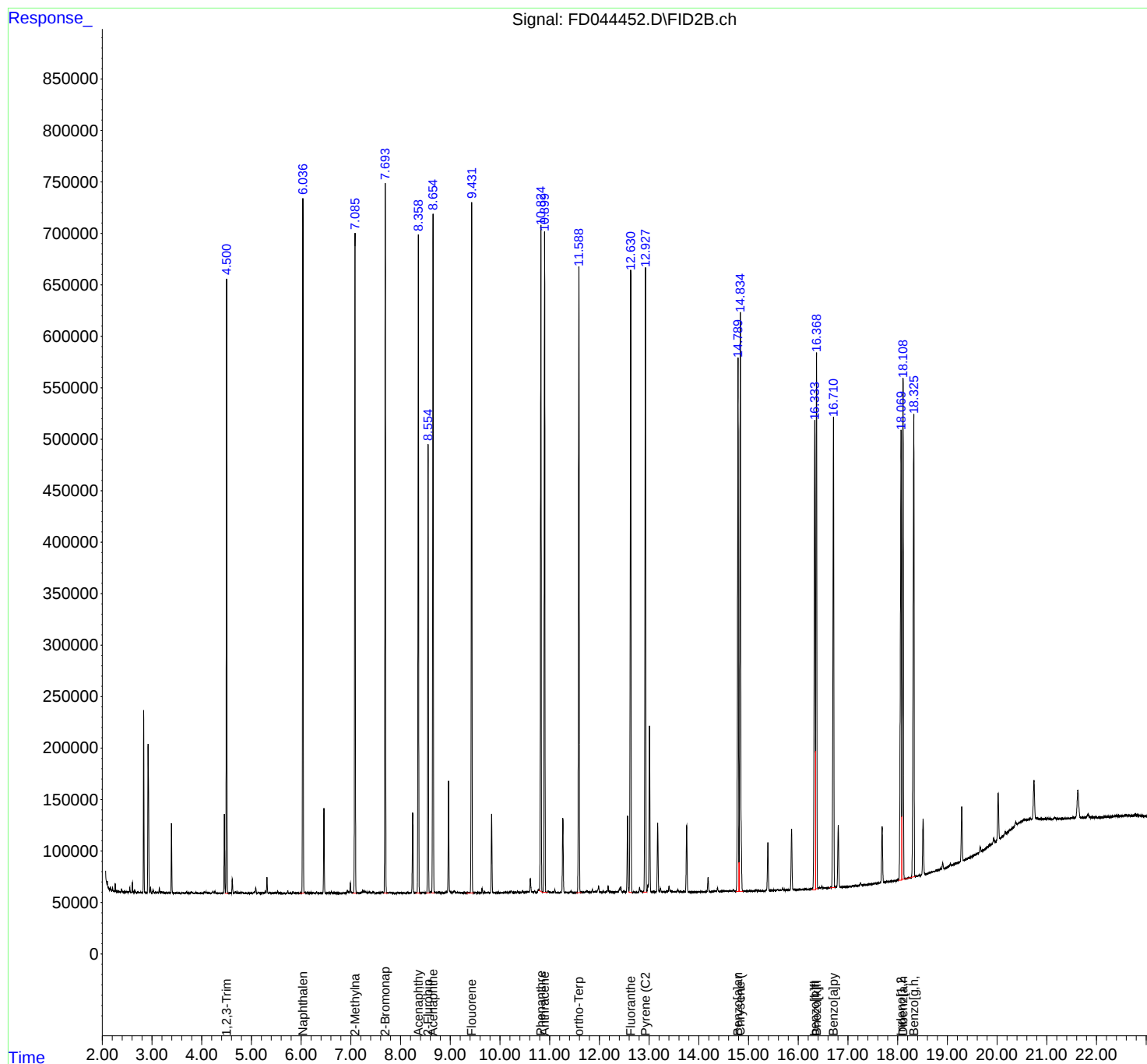
Instrument :
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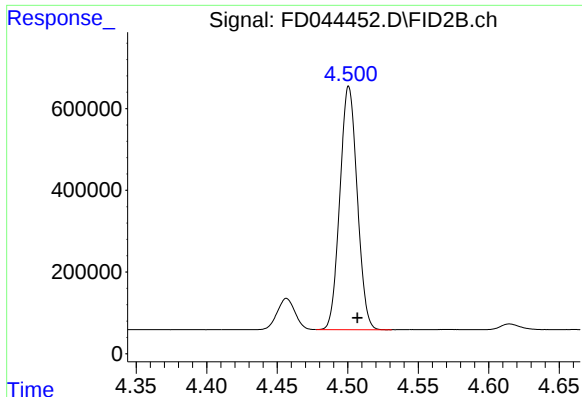
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Signal Info : 20M x 0.18mm x 0.18µm





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

R.T.: 4.501 min
Delta R.T.: -0.006 min
Response: 5103759
Conc: 35.01 ug/ml

Instrument :

FID_D

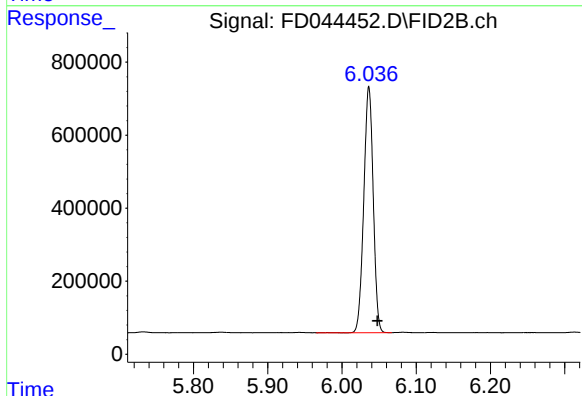
ClientSampleId :

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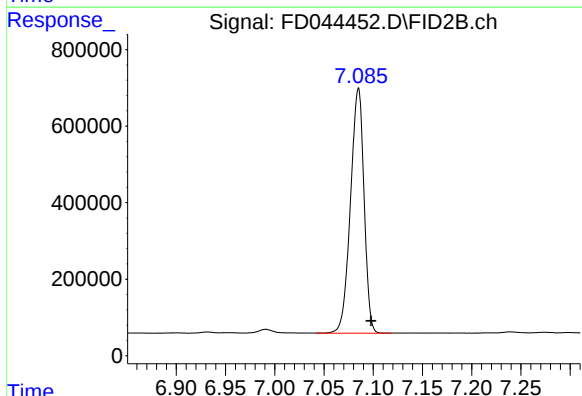
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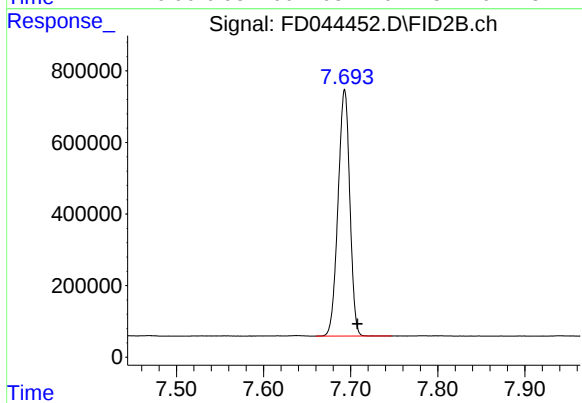
#2 Naphthalene (C11.7)

R.T.: 6.036 min
Delta R.T.: -0.011 min
Response: 5955972
Conc: 38.25 ug/ml



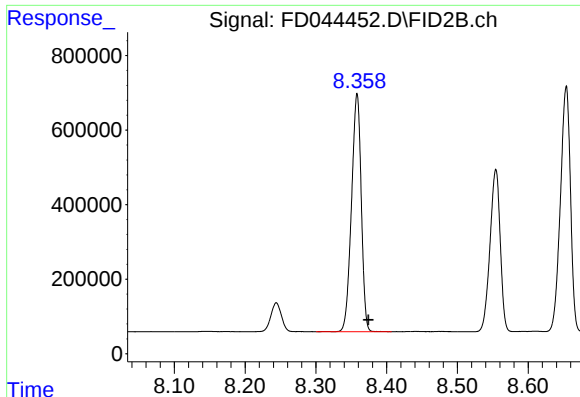
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.085 min
Delta R.T.: -0.013 min
Response: 6126220
Conc: 38.78 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.693 min
Delta R.T.: -0.015 min
Response: 6456118
Conc: 47.71 ug/ml



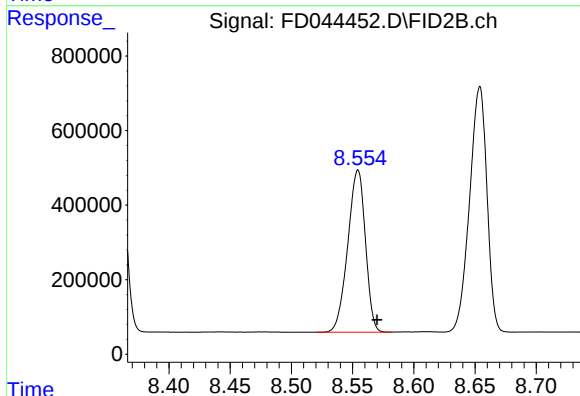
#5 Acenaphthylene (C15.06)

R.T.: 8.358 min
Delta R.T.: -0.016 min
Response: 6099764
Conc: 40.45 ug/ml

Instrument :
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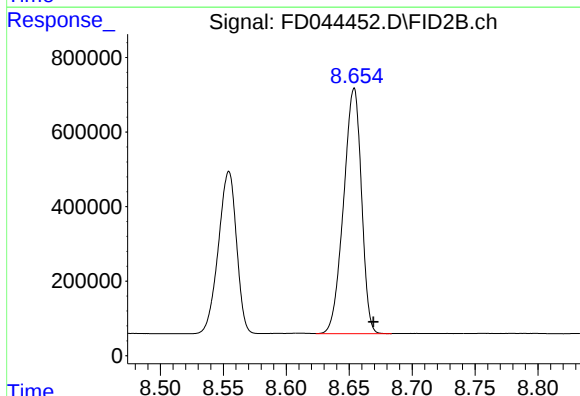
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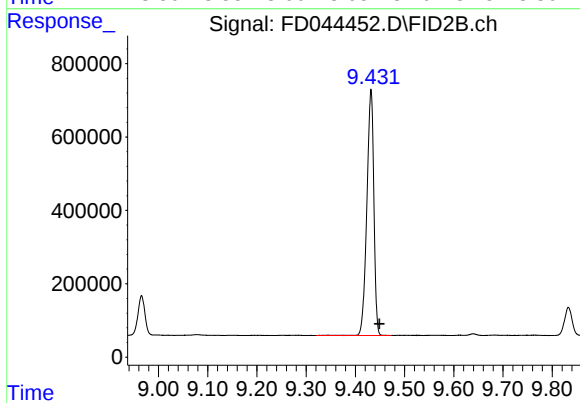
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.554 min
Delta R.T.: -0.016 min
Response: 4365745
Conc: 46.55 ug/ml



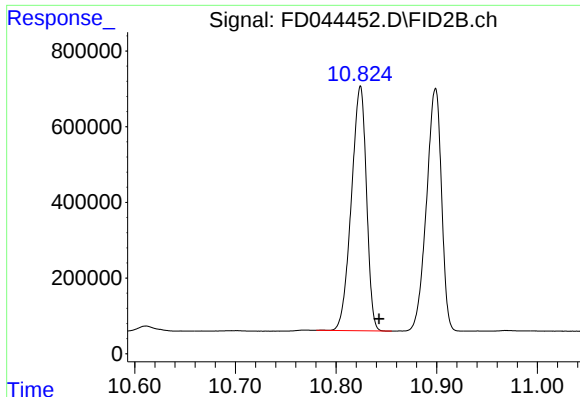
#7 Acenaphthene (C15.5)

R.T.: 8.654 min
Delta R.T.: -0.015 min
Response: 6515064
Conc: 42.10 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.432 min
Delta R.T.: -0.017 min
Response: 6598731
Conc: 42.91 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.824 min
Delta R.T.: -0.019 min
Response: 6736670
Conc: 44.80 ug/ml

Instrument :

FID_D

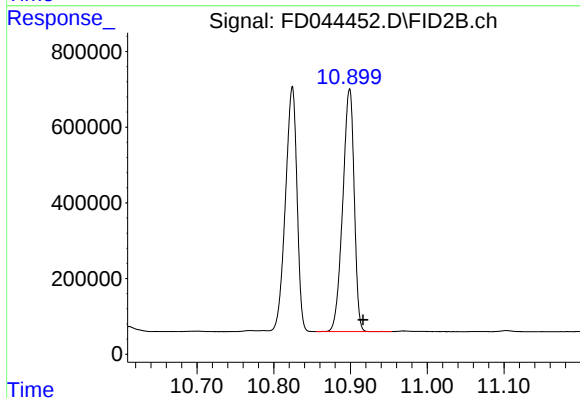
ClientSampleId :

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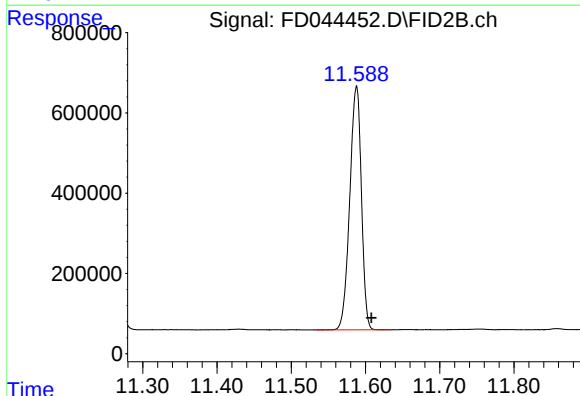
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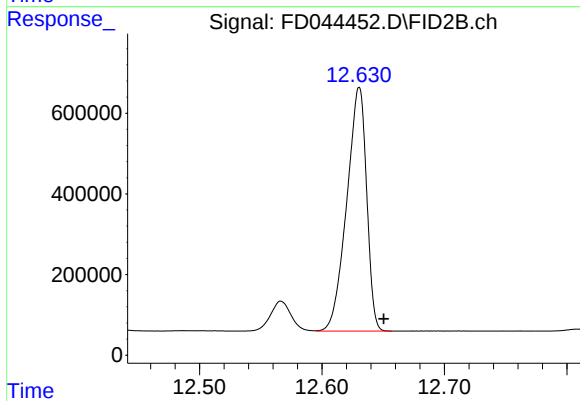
#10 Anthracene (C19.43)

R.T.: 10.898 min
Delta R.T.: -0.018 min
Response: 6647090
Conc: 45.37 ug/ml



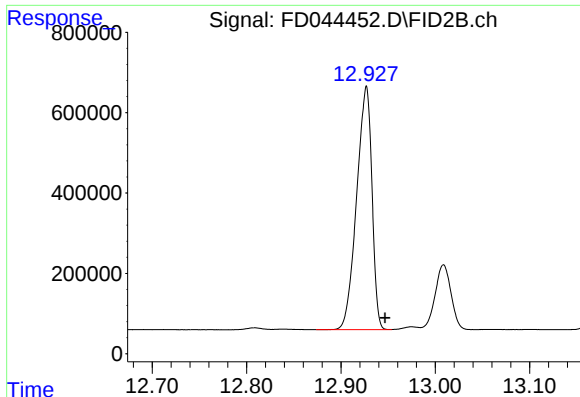
#11 ortho-Terphenyl (SURRE)

R.T.: 11.588 min
Delta R.T.: -0.020 min
Response: 6598123
Conc: 38.46 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.630 min
Delta R.T.: -0.020 min
Response: 6816174
Conc: 44.85 ug/ml



#13 Pyrene (C20.8)

R.T.: 12.926 min
Delta R.T.: -0.020 min
Response: 6827829
Conc: 45.93 ug/ml

Instrument :

FID_D

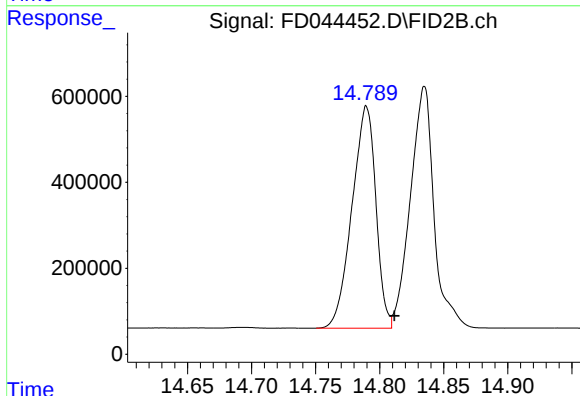
ClientSampleId :

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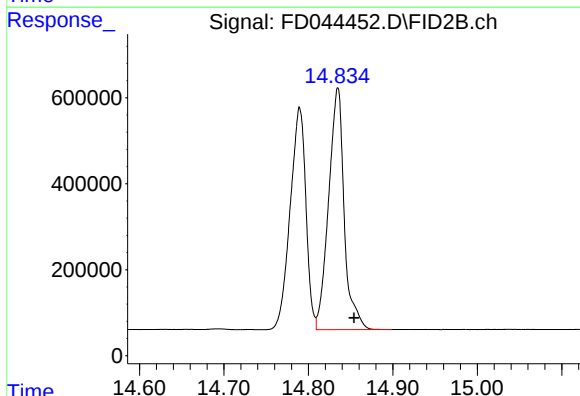
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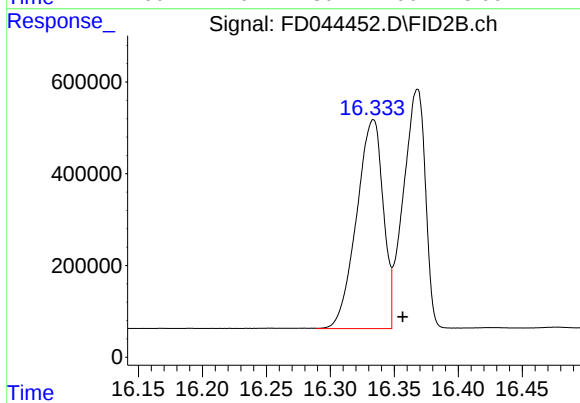
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.790 min
Delta R.T.: -0.022 min
Response: 6691515
Conc: 47.81 ug/ml



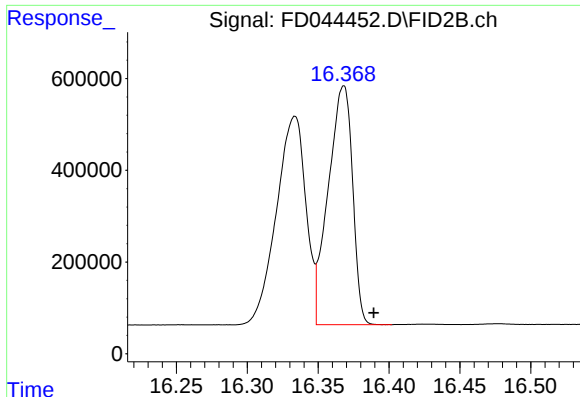
#15 Chrysene (C27.41)

R.T.: 14.834 min
Delta R.T.: -0.020 min
Response: 7224615
Conc: 49.33 ug/ml



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

R.T.: 16.333 min
Delta R.T.: -0.024 min
Response: 6631348
Conc: 46.11 ug/ml m



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

R.T.: 16.368 min
Delta R.T.: -0.022 min
Response: 6201860
Conc: 43.62 ug/ml

Instrument :

FID_D

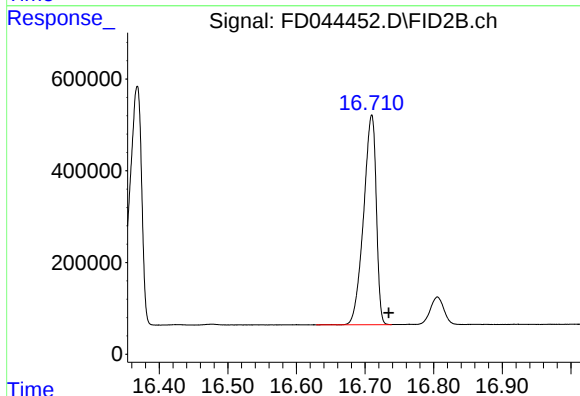
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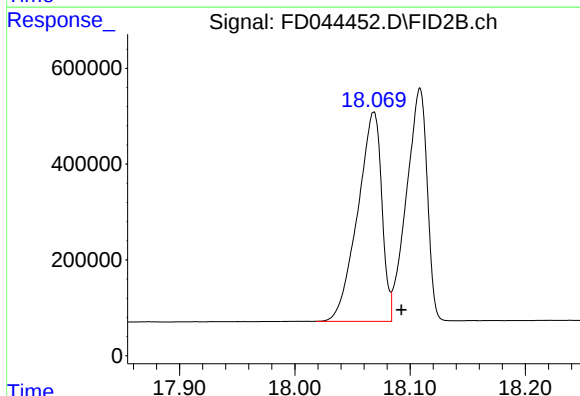
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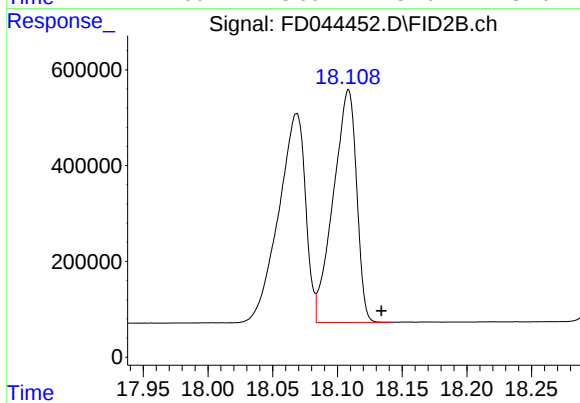
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.709 min
Delta R.T.: -0.025 min
Response: 5867098
Conc: 41.94 ug/ml



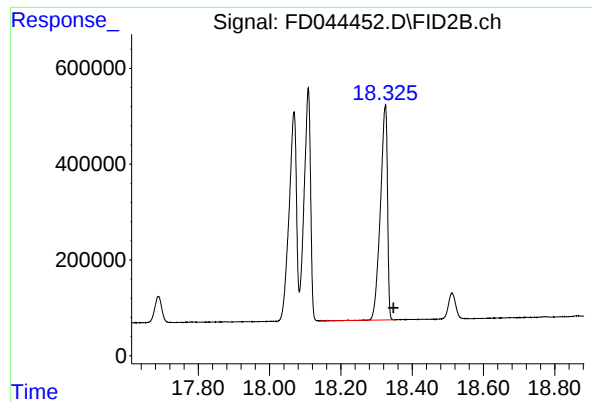
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.069 min
Delta R.T.: -0.023 min
Response: 6386243
Conc: 46.84 ug/ml m



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

R.T.: 18.108 min
Delta R.T.: -0.026 min
Response: 6069258
Conc: 45.06 ug/ml



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

R.T.: 18.324 min
Delta R.T.: -0.024 min
Response: 6172500
Conc: 45.22 ug/ml

Instrument :

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