

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD120622AR\
 Data File : FD044603.D
 Signal(s) : FID2B.ch
 Acq On : 06 Dec 2022 14:04
 Operator : YP/AJ
 Sample : PB149425BSD
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB149425BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/07/2022
 Supervised By :Ankita Jodhani 12/07/2022

Integration File: autoint1.e
 Quant Time: Dec 07 04:01:33 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...	7.678	6733403	51.883 ug/ml
Spiked Amount 50.000		Recovery =	103.77%
6) S 2-Fluorobiphenyl (SURR)	8.537	4416352	50.006 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	100.01%
11) S ortho-Terphenyl (SURR)	11.566	6630774	40.743 ug/ml
Spiked Amount 50.000		Recovery =	81.49%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.492	4326558	30.318 ug/ml
2) T Naphthalene (C11.7)	6.024	6429936	42.765 ug/ml
3) T 2-Methylnaphthalene (...)	7.069	5897945	39.036 ug/mlm
5) T Acenaphthylene (C15.06)	8.342	7291135	52.448 ug/ml
7) T Acenaphthene (C15.5)	8.636	6117131	41.683 ug/ml
8) T Flouorene (C16.55)	9.413	7073793	49.060 ug/ml
9) T Phenanthrene (C19.36)	10.804	7469281	52.378 ug/ml
10) T Anthracene (C19.43)	10.878	7306682	52.591 ug/ml
12) T Fluoranthene (C21.85)	12.606	7705164	54.049 ug/ml
13) T Pyrene (C20.8)	12.901	7287540	52.365 ug/ml
14) T Benzo[a]anthracene (C...	14.761	7536793	58.248 ug/ml
15) T Chrysene (C27.41)	14.806	7517919	55.765 ug/ml
16) T benzo[b]fluoranthene ...	16.302	7691264	58.436 ug/ml
17) T Bnezo[k]fluoranthene ...	16.337	7058243	54.203 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.677	6640252	51.380 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.036	7406737	58.115 ug/ml
20) T Dibenz[a,h]anthracene...	18.076	7091414	56.360 ug/ml
21) T Benzo[g,h,i]perylene ...	18.291	6886242	53.540 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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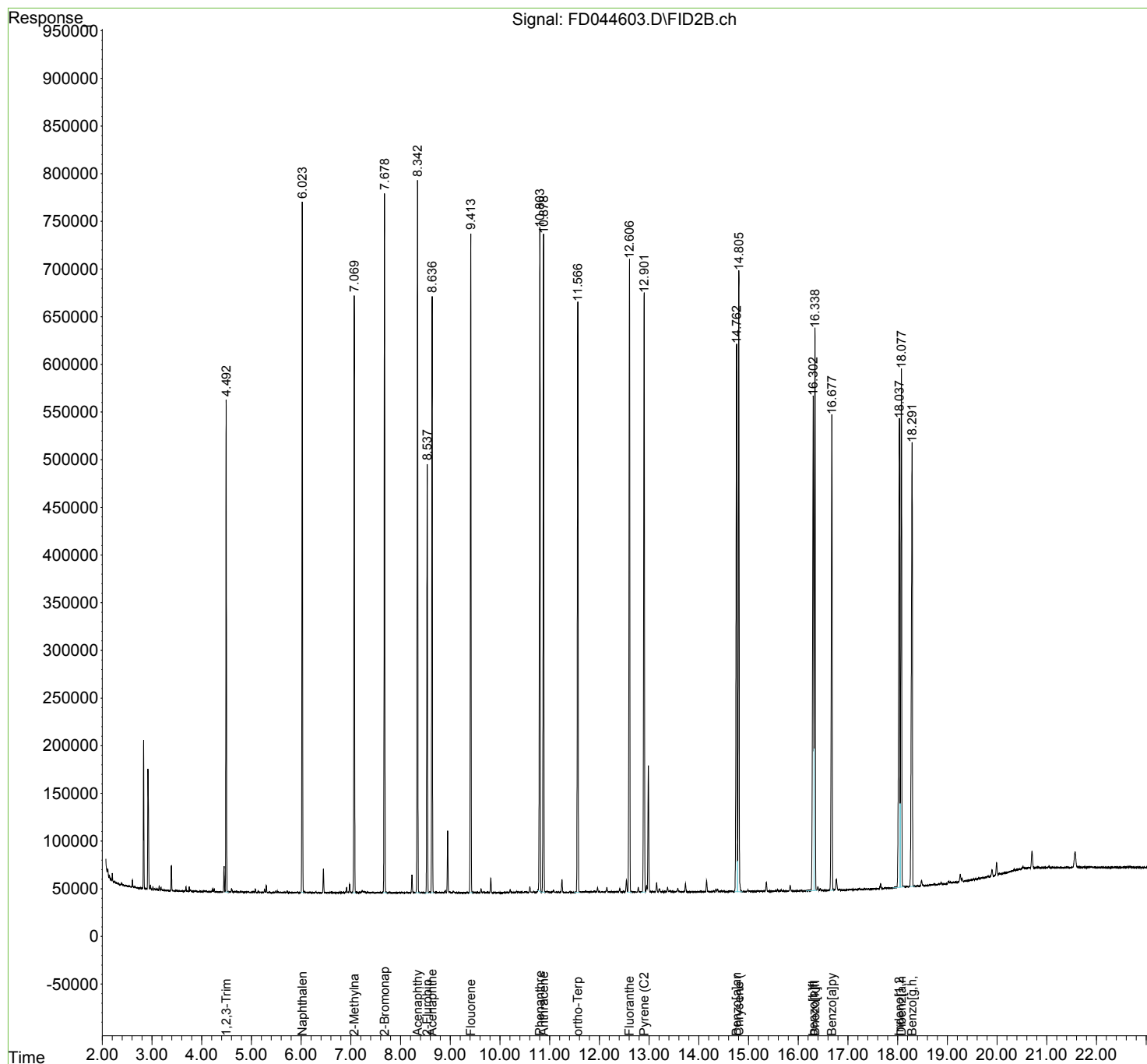
Instrument :
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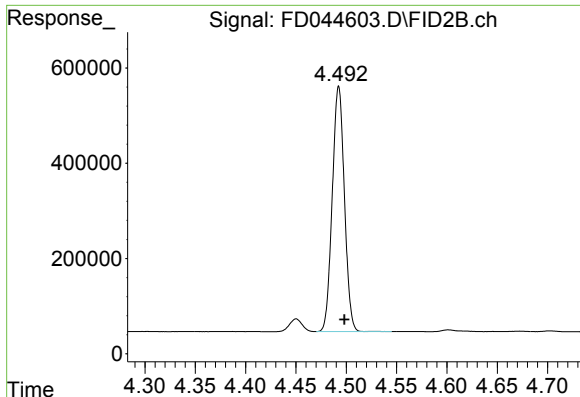
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#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.492 min
Delta R.T.: -0.006 min
Response: 4326558
Conc: 30.32 ug/ml

Instrument :

FID_D

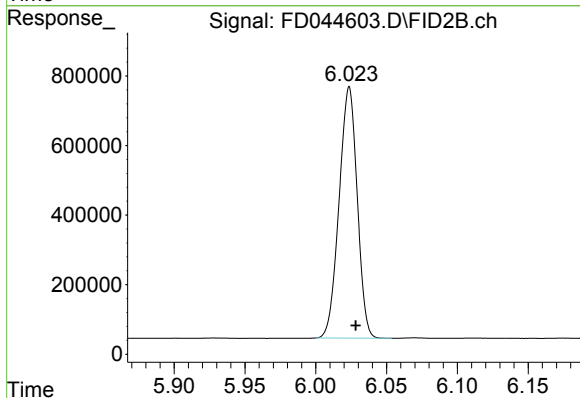
ClientSampleId :

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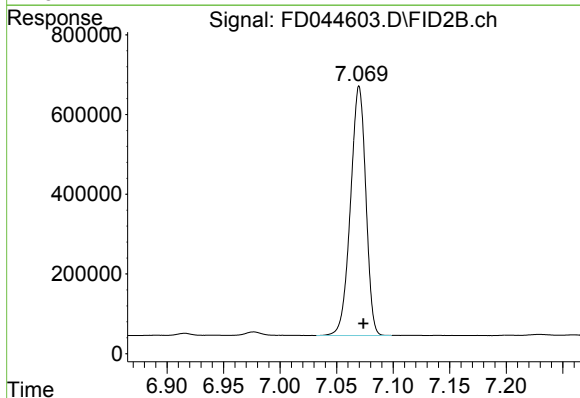
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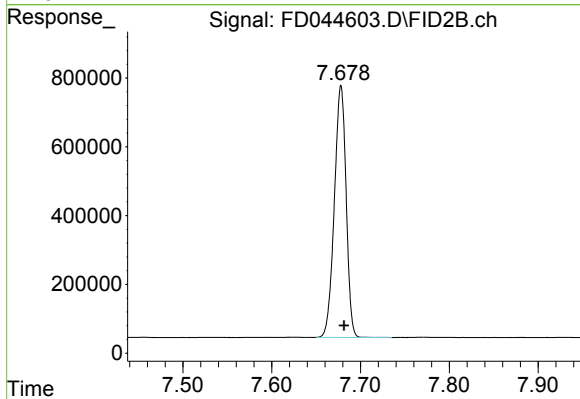
#2 Naphthalene (C11.7)

R.T.: 6.024 min
Delta R.T.: -0.005 min
Response: 6429936
Conc: 42.77 ug/ml



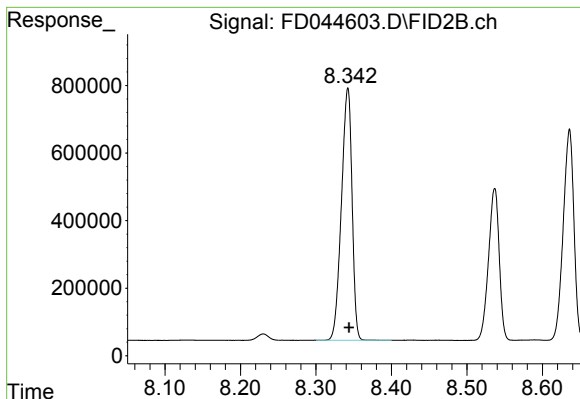
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.069 min
Delta R.T.: -0.004 min
Response: 5897945
Conc: 39.04 ug/ml m



#4 2-Bromonaphthalene (SURR)

R.T.: 7.678 min
Delta R.T.: -0.004 min
Response: 6733403
Conc: 51.88 ug/ml



#5 Acenaphthylene (C15.06)

R.T.: 8.342 min
Delta R.T.: -0.002 min
Response: 7291135
Conc: 52.45 ug/ml

Instrument :

FID_D

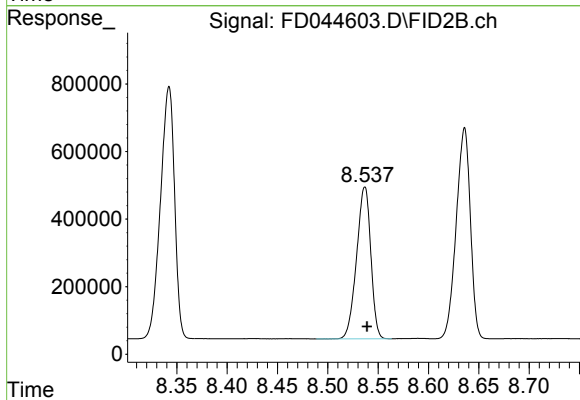
ClientSampleId :

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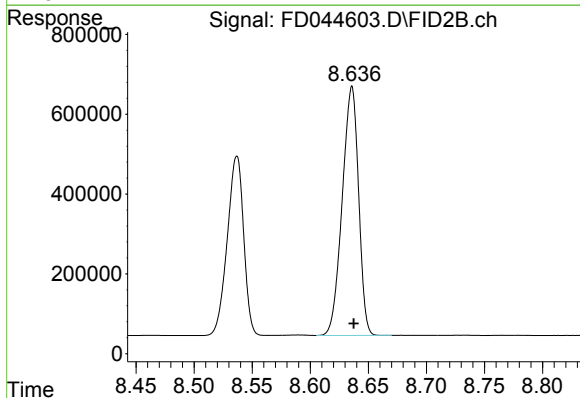
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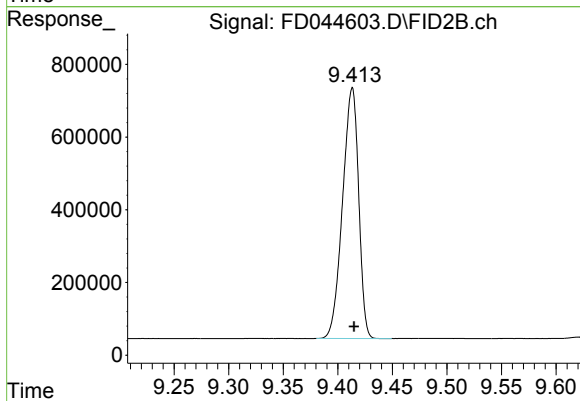
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.537 min
Delta R.T.: -0.003 min
Response: 4416352
Conc: 50.01 ug/ml



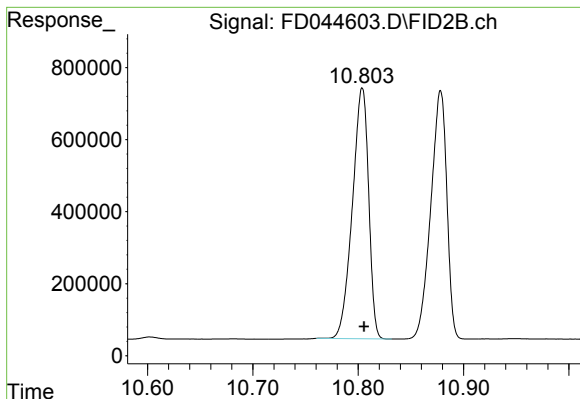
#7 Acenaphthene (C15.5)

R.T.: 8.636 min
Delta R.T.: -0.002 min
Response: 6117131
Conc: 41.68 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.413 min
Delta R.T.: -0.002 min
Response: 7073793
Conc: 49.06 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.804 min
Delta R.T.: -0.002 min
Response: 7469281
Conc: 52.38 ug/ml

Instrument :

FID_D

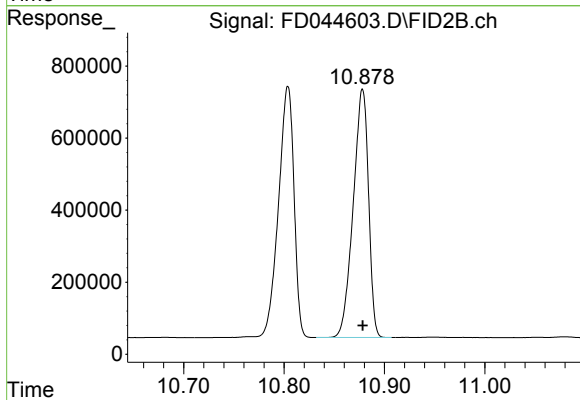
ClientSampleId :

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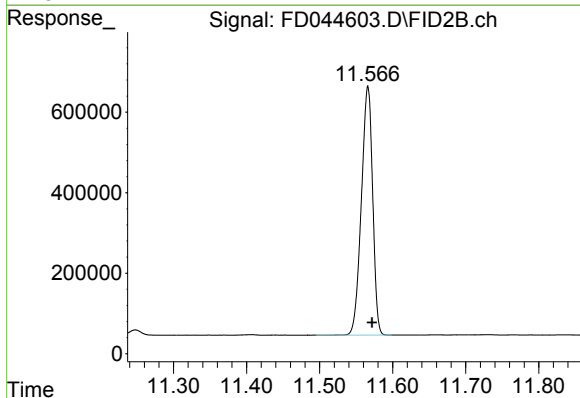
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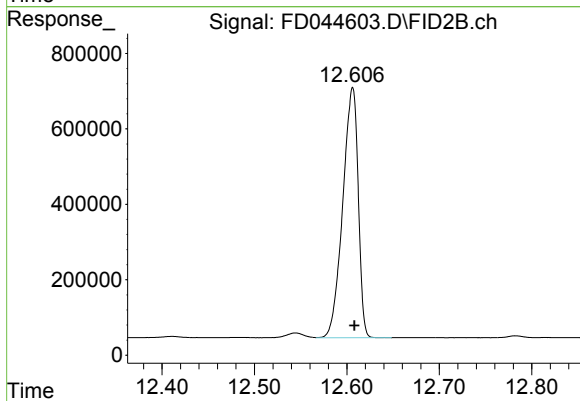
#10 Anthracene (C19.43)

R.T.: 10.878 min
Delta R.T.: 0.000 min
Response: 7306682
Conc: 52.59 ug/ml



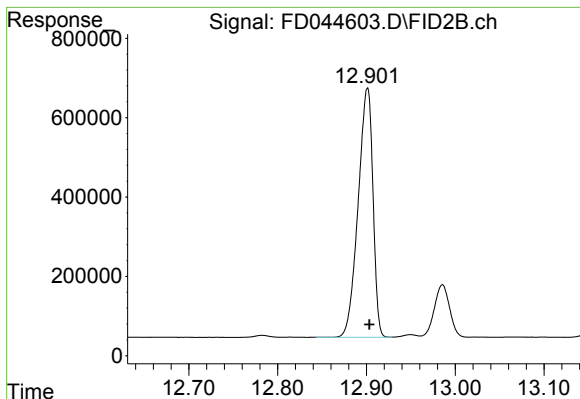
#11 ortho-Terphenyl (SURR)

R.T.: 11.566 min
Delta R.T.: -0.006 min
Response: 6630774
Conc: 40.74 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.606 min
Delta R.T.: -0.002 min
Response: 7705164
Conc: 54.05 ug/ml



#13 Pyrene (C20.8)

R.T.: 12.901 min
Delta R.T.: -0.003 min
Response: 7287540
Conc: 52.36 ug/ml

Instrument :

FID_D

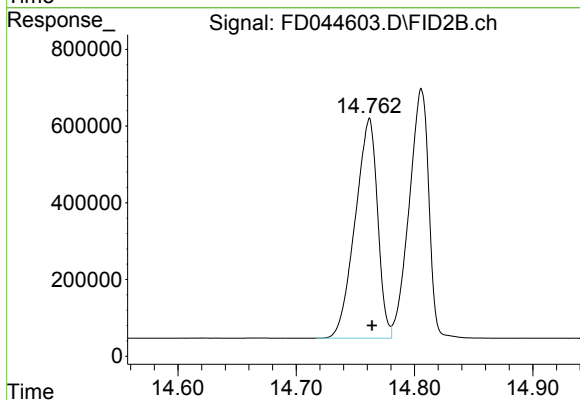
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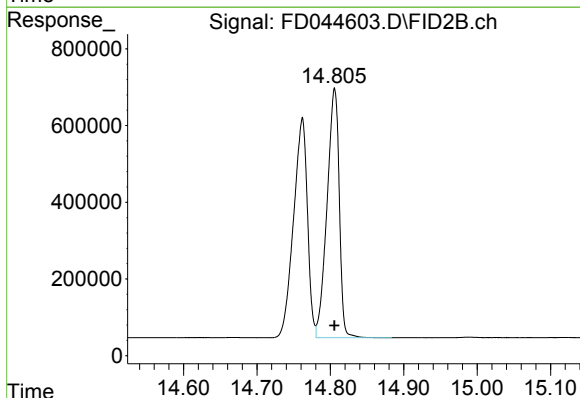
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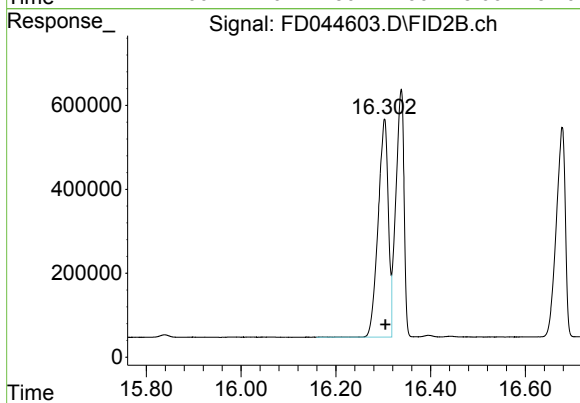
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.761 min
Delta R.T.: -0.003 min
Response: 7536793
Conc: 58.25 ug/ml



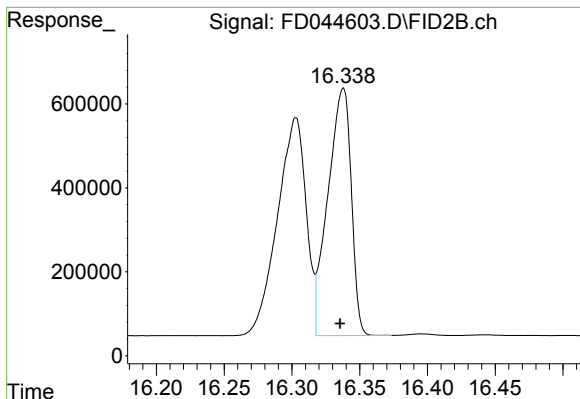
#15 Chrysene (C27.41)

R.T.: 14.806 min
Delta R.T.: 0.000 min
Response: 7517919
Conc: 55.76 ug/ml



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

R.T.: 16.302 min
Delta R.T.: -0.002 min
Response: 7691264
Conc: 58.44 ug/ml



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

R.T.: 16.337 min
Delta R.T.: 0.002 min
Response: 7058243
Conc: 54.20 ug/ml

Instrument :

FID_D

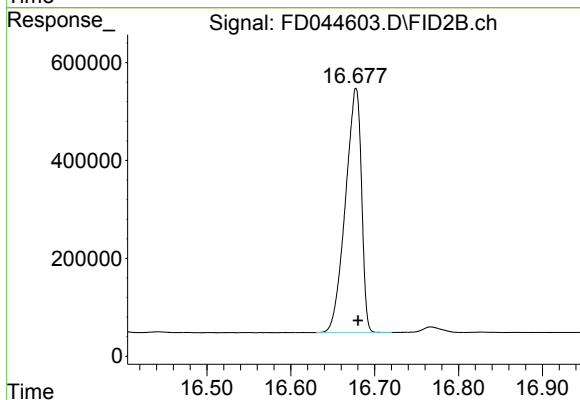
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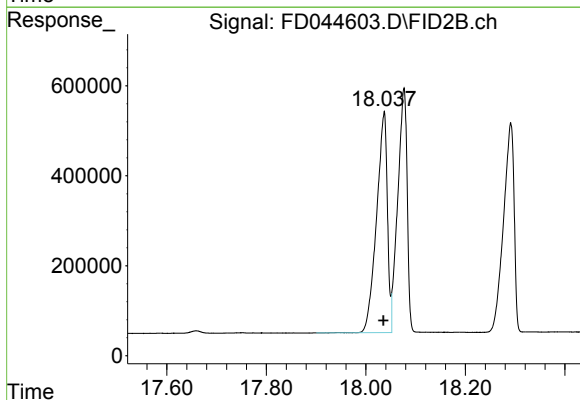
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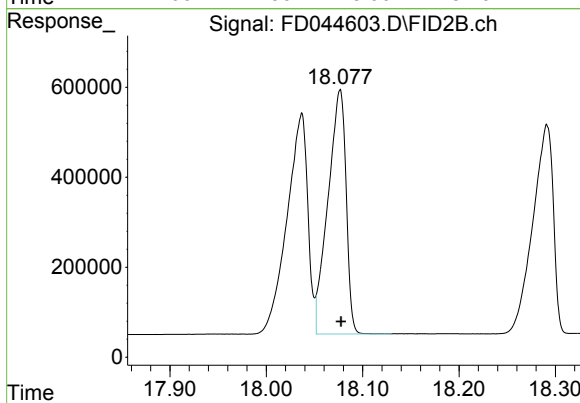
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.677 min
Delta R.T.: -0.003 min
Response: 6640252
Conc: 51.38 ug/ml



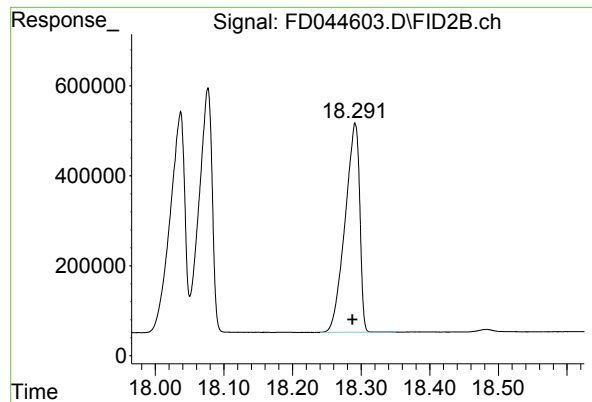
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.036 min
Delta R.T.: 0.001 min
Response: 7406737
Conc: 58.12 ug/ml



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

R.T.: 18.076 min
Delta R.T.: -0.001 min
Response: 7091414
Conc: 56.36 ug/ml



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

R.T.: 18.291 min
Delta R.T.: 0.004 min
Response: 6886242
Conc: 53.54 ug/ml

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