

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122022AR\
 Data File : FD044667.D
 Signal(s) : FID2B.ch
 Acq On : 20 Dec 2022 13:43
 Operator : YP/AJ
 Sample : PB149735BS
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB149735BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/21/2022
 Supervised By :Ankita Jodhani 12/21/2022

Integration File: autoint1.e
 Quant Time: Dec 20 18:13:22 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...	7.682	5500228	42.381 ug/ml
Spiked Amount 50.000		Recovery =	84.76%
6) S 2-Fluorobiphenyl (SURR)	8.539	2355544	26.672 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	53.34%
11) S ortho-Terphenyl (SURR)	11.567	6731275	41.361 ug/ml
Spiked Amount 50.000		Recovery =	82.72%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.502	2856626	20.018 ug/mlm
2) T Naphthalene (C11.7)	6.031	3806055	25.314 ug/ml
3) T 2-Methylnaphthalene (...)	7.075	3990788	26.413 ug/ml
5) T Acenaphthylene (C15.06)	8.344	5101321	36.696 ug/ml
7) T Acenaphthene (C15.5)	8.638	4700108	32.027 ug/ml
8) T Flouorene (C16.55)	9.415	5861685	40.653 ug/ml
9) T Phenanthrene (C19.36)	10.804	6005652	42.115 ug/ml
10) T Anthracene (C19.43)	10.878	5798282	41.734 ug/ml
12) T Fluoranthene (C21.85)	12.605	6385374	44.791 ug/ml
13) T Pyrene (C20.8)	12.901	6158270	44.250 ug/ml
14) T Benzo[a]anthracene (C...	14.761	6279439	48.531 ug/ml
15) T Chrysene (C27.41)	14.804	7141446	52.972 ug/ml
16) T benzo[b]fluoranthene ...	16.301	6414461	48.735 ug/ml
17) T Bnezo[k]fluoranthene ...	16.336	6015060	46.192 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.676	5651353	43.729 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.032	5750155	45.117 ug/ml
20) T Dibenz[a,h]anthracene...	18.072	5391606	42.851 ug/ml
21) T Benzo[g,h,i]perylene ...	18.287	5691787	44.253 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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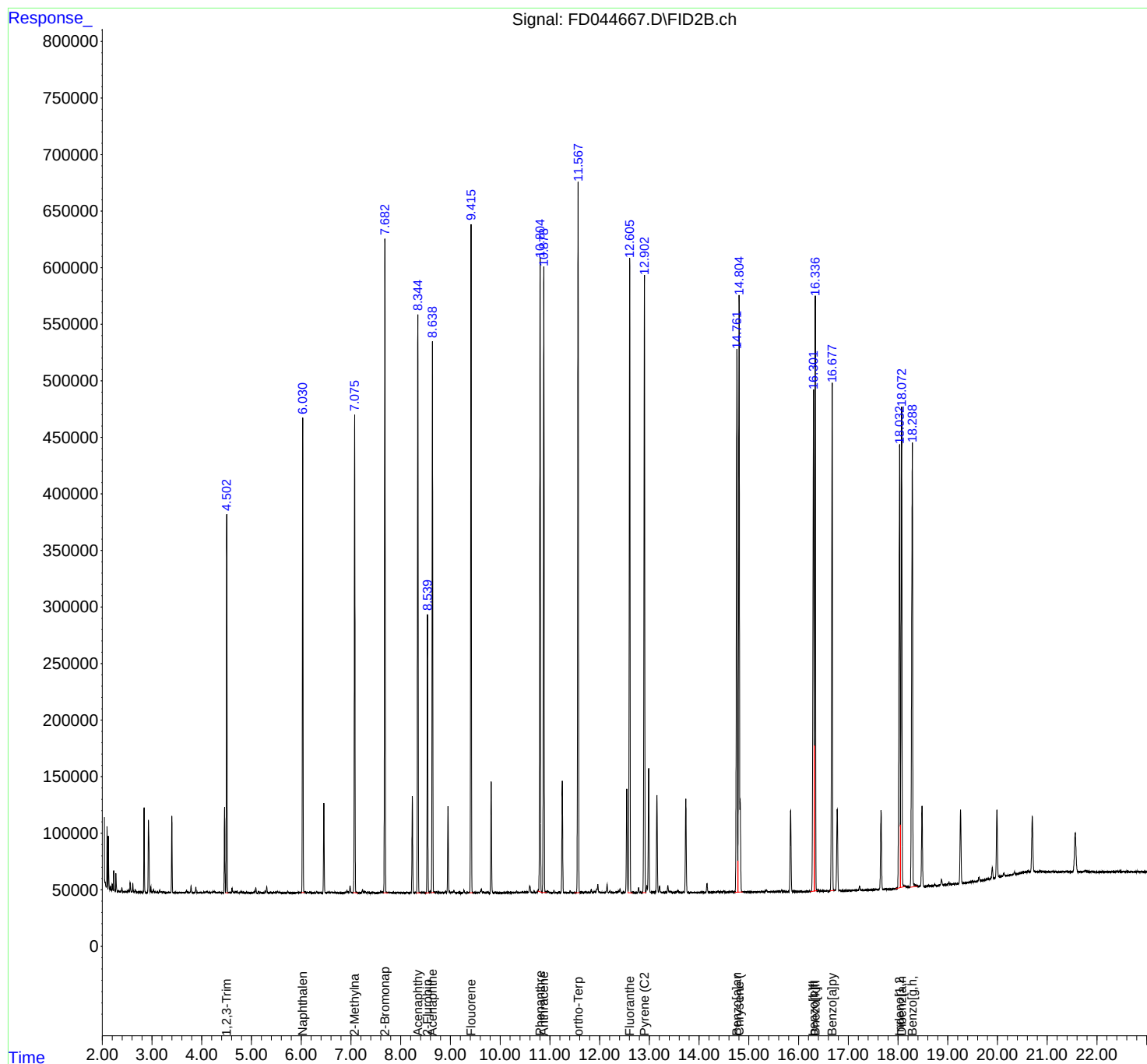
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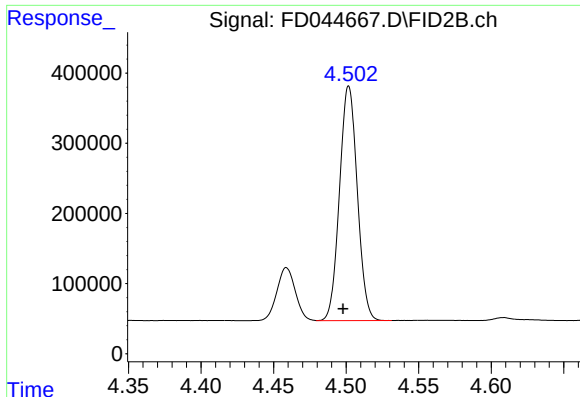
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#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.502 min
Delta R.T.: 0.004 min
Response: 2856626
Conc: 20.02 ug/ml

Instrument :

FID_D

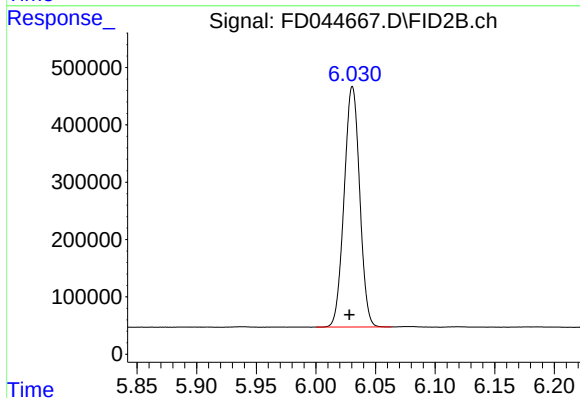
ClientSampleId :

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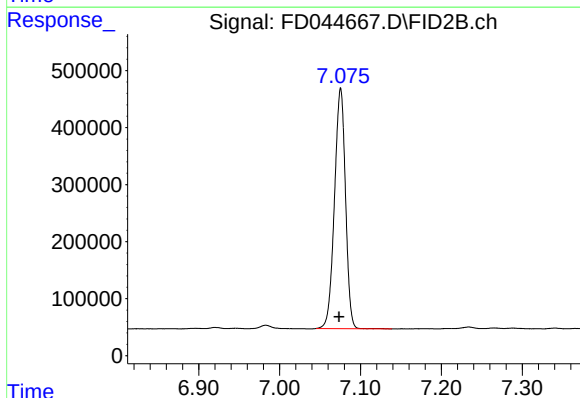
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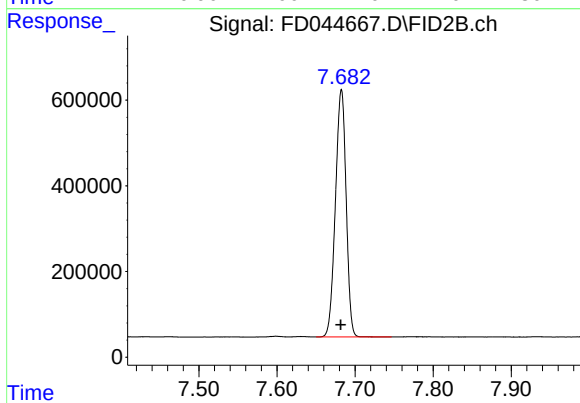
#2 Naphthalene (C11.7)

R.T.: 6.031 min
Delta R.T.: 0.002 min
Response: 3806055
Conc: 25.31 ug/ml



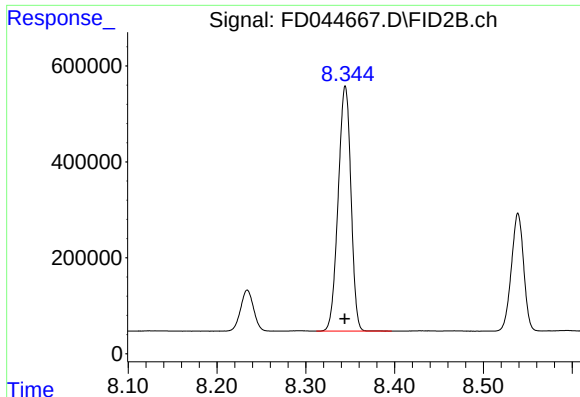
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.075 min
Delta R.T.: 0.002 min
Response: 3990788
Conc: 26.41 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.682 min
Delta R.T.: 0.000 min
Response: 5500228
Conc: 42.38 ug/ml



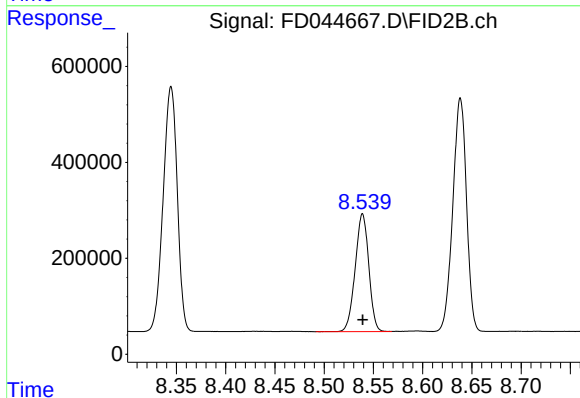
#5 Acenaphthylene (C15.06)

R.T.: 8.344 min
Delta R.T.: 0.000 min
Response: 5101321
Conc: 36.70 ug/ml

Instrument :
FID_D
ClientSampleId :
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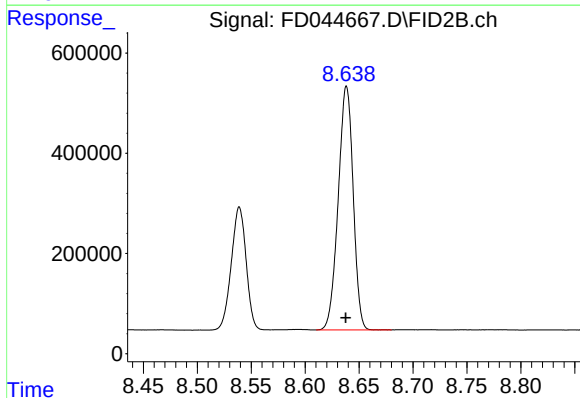
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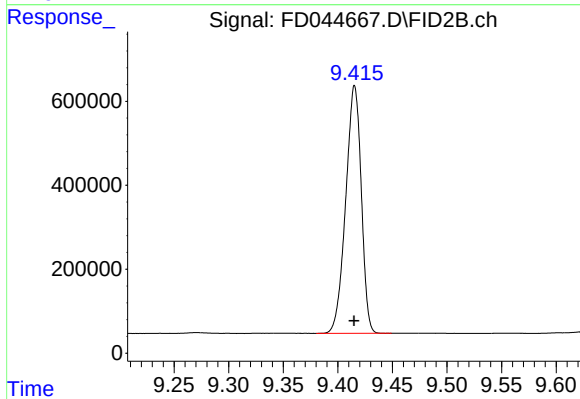
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.539 min
Delta R.T.: 0.000 min
Response: 2355544
Conc: 26.67 ug/ml



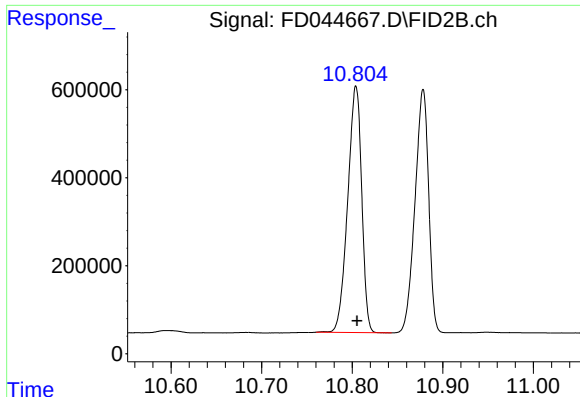
#7 Acenaphthene (C15.5)

R.T.: 8.638 min
Delta R.T.: 0.000 min
Response: 4700108
Conc: 32.03 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.415 min
Delta R.T.: 0.000 min
Response: 5861685
Conc: 40.65 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.804 min
Delta R.T.: -0.001 min
Response: 6005652
Conc: 42.11 ug/ml

Instrument :

FID_D

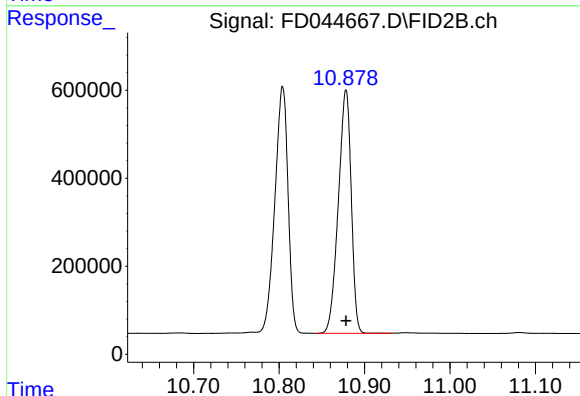
ClientSampleId :

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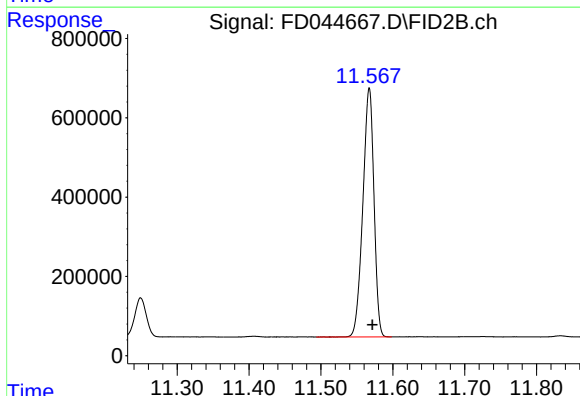
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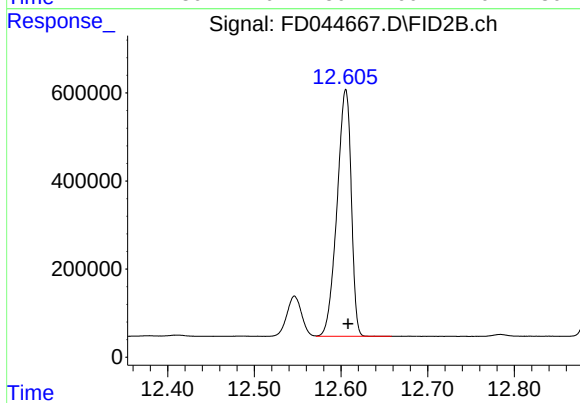
#10 Anthracene (C19.43)

R.T.: 10.878 min
Delta R.T.: 0.000 min
Response: 5798282
Conc: 41.73 ug/ml



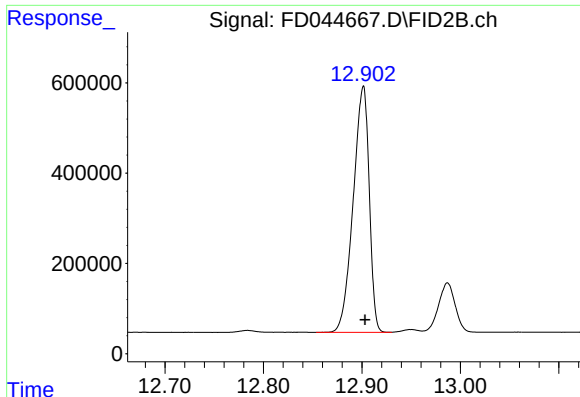
#11 ortho-Terphenyl (SURR)

R.T.: 11.567 min
Delta R.T.: -0.005 min
Response: 6731275
Conc: 41.36 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.605 min
Delta R.T.: -0.003 min
Response: 6385374
Conc: 44.79 ug/ml



#13 Pyrene (C20.8)

R.T.: 12.901 min
Delta R.T.: -0.002 min
Response: 6158270
Conc: 44.25 ug/ml

Instrument :

FID_D

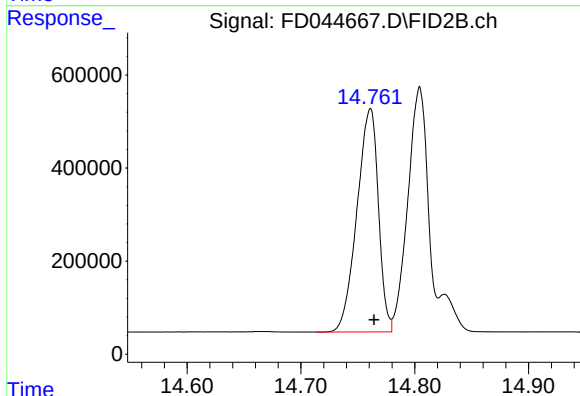
ClientSampleId :

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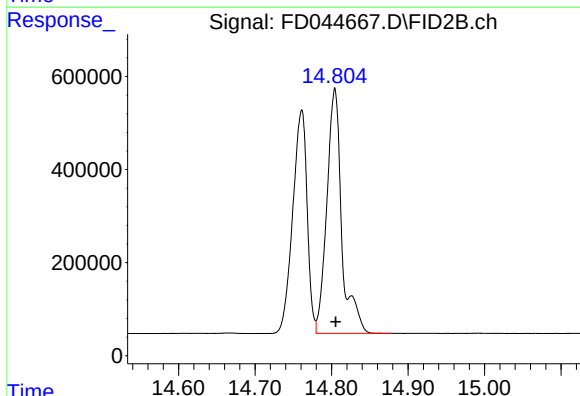
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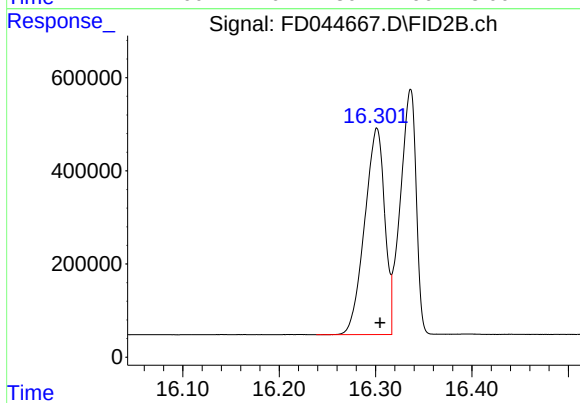
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.761 min
Delta R.T.: -0.004 min
Response: 6279439
Conc: 48.53 ug/ml



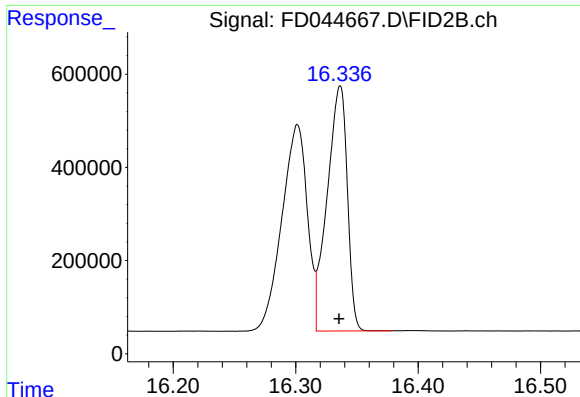
#15 Chrysene (C27.41)

R.T.: 14.804 min
Delta R.T.: -0.002 min
Response: 7141446
Conc: 52.97 ug/ml



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

R.T.: 16.301 min
Delta R.T.: -0.003 min
Response: 6414461
Conc: 48.73 ug/ml



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

R.T.: 16.336 min
Delta R.T.: 0.000 min
Response: 6015060
Conc: 46.19 ug/ml

Instrument :

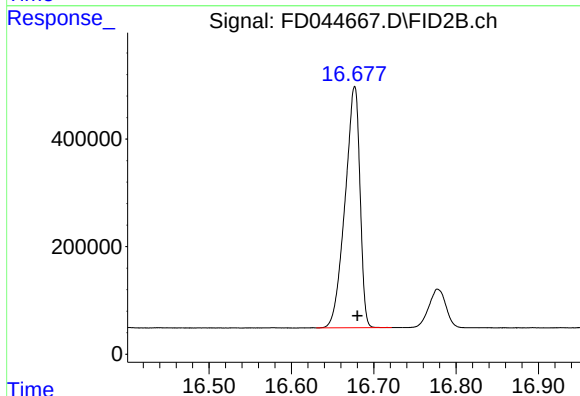
FID_D

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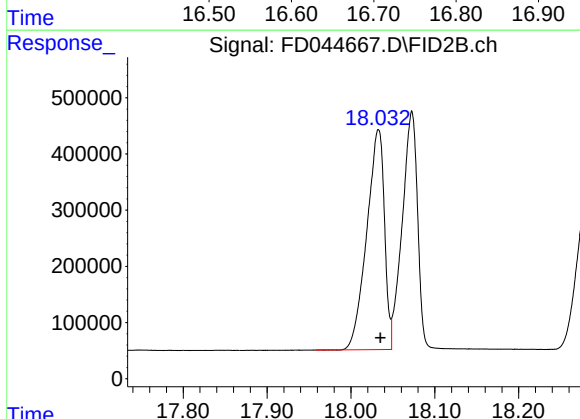
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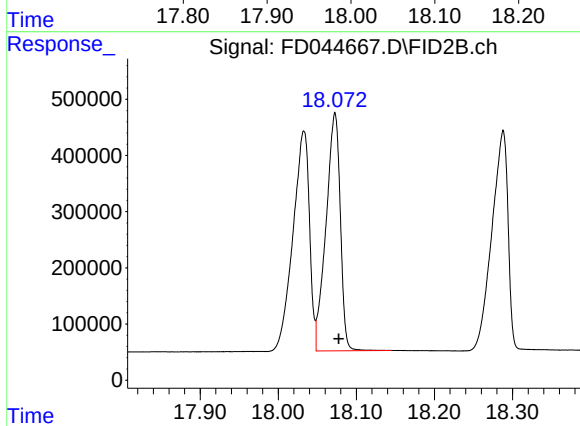
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.676 min
Delta R.T.: -0.004 min
Response: 5651353
Conc: 43.73 ug/ml



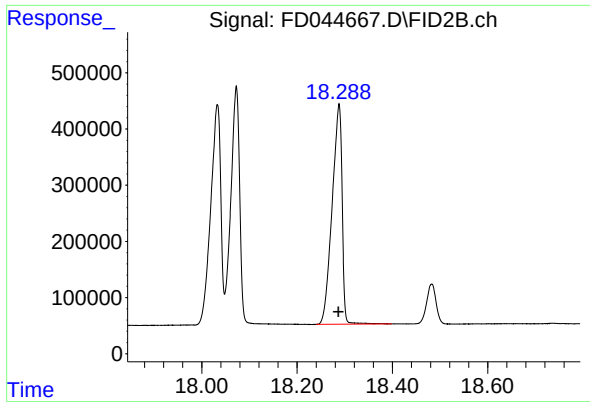
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.032 min
Delta R.T.: -0.002 min
Response: 5750155
Conc: 45.12 ug/ml



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

R.T.: 18.072 min
Delta R.T.: -0.005 min
Response: 5391606
Conc: 42.85 ug/ml



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

R.T.: 18.287 min
Delta R.T.: 0.000 min
Response: 5691787
Conc: 44.25 ug/ml

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