

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD112023AR\
 Data File : FD046904.D
 Signal(s) : FID2B.ch
 Acq On : 20 Nov 2023 16:03
 Operator : YP/AJ
 Sample : PB157238BSD
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB157238BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/21/2023
 Supervised By :Ankita Jodhani 11/21/2023

Integration File: autoint1.e
 Quant Time: Nov 21 00:13:45 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102723.M
 Quant Title : GC Extractables
 QLast Update : Sat Oct 28 02:49:53 2023
 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...	7.480	8988538	49.286 ug/ml
Spiked Amount 50.000		Recovery =	98.57%
6) S 2-Fluorobiphenyl (SURR)	8.332	5101366	43.349 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	86.70%
11) S ortho-Terphenyl (SURR)	11.371	9169290	43.301 ug/ml
Spiked Amount 50.000		Recovery =	86.60%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.292	5820751	30.140 ug/mlm
2) T Naphthalene (C11.7)	5.818	6864251	34.279 ug/ml
3) T 2-Methylnaphthalene (...)	6.867	7233131	35.989 ug/ml
5) T Acenaphthylene (C15.06)	8.136	7799711	42.406 ug/ml
7) T Acenaphthene (C15.5)	8.432	7787539	39.755 ug/ml
8) T Flouorene (C16.55)	9.211	8050211	43.522 ug/ml
9) T Phenanthrene (C19.36)	10.600	8078817	45.411 ug/ml
10) T Anthracene (C19.43)	10.675	7812000	45.840 ug/ml
12) T Fluoranthene (C21.85)	12.403	8265955	47.860 ug/ml
13) T Pyrene (C20.8)	12.698	8234969	49.526 ug/ml
14) T Benzo[a]anthracene (C...	14.561	7255730	51.572 ug/ml
15) T Chrysene (C27.41)	14.605	7269888	46.615 ug/ml
16) T benzo[b]fluoranthene ...	16.103	7115067	49.712 ug/ml
17) T Bnezo[k]fluoranthene ...	16.139	6923684	47.292 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.478	6588292	47.003 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.839	6638846	52.552 ug/ml
20) T Dibenz[a,h]anthracene...	17.878	6125585	43.847 ug/ml
21) T Benzo[g,h,i]perylene ...	18.091	6341163	45.416 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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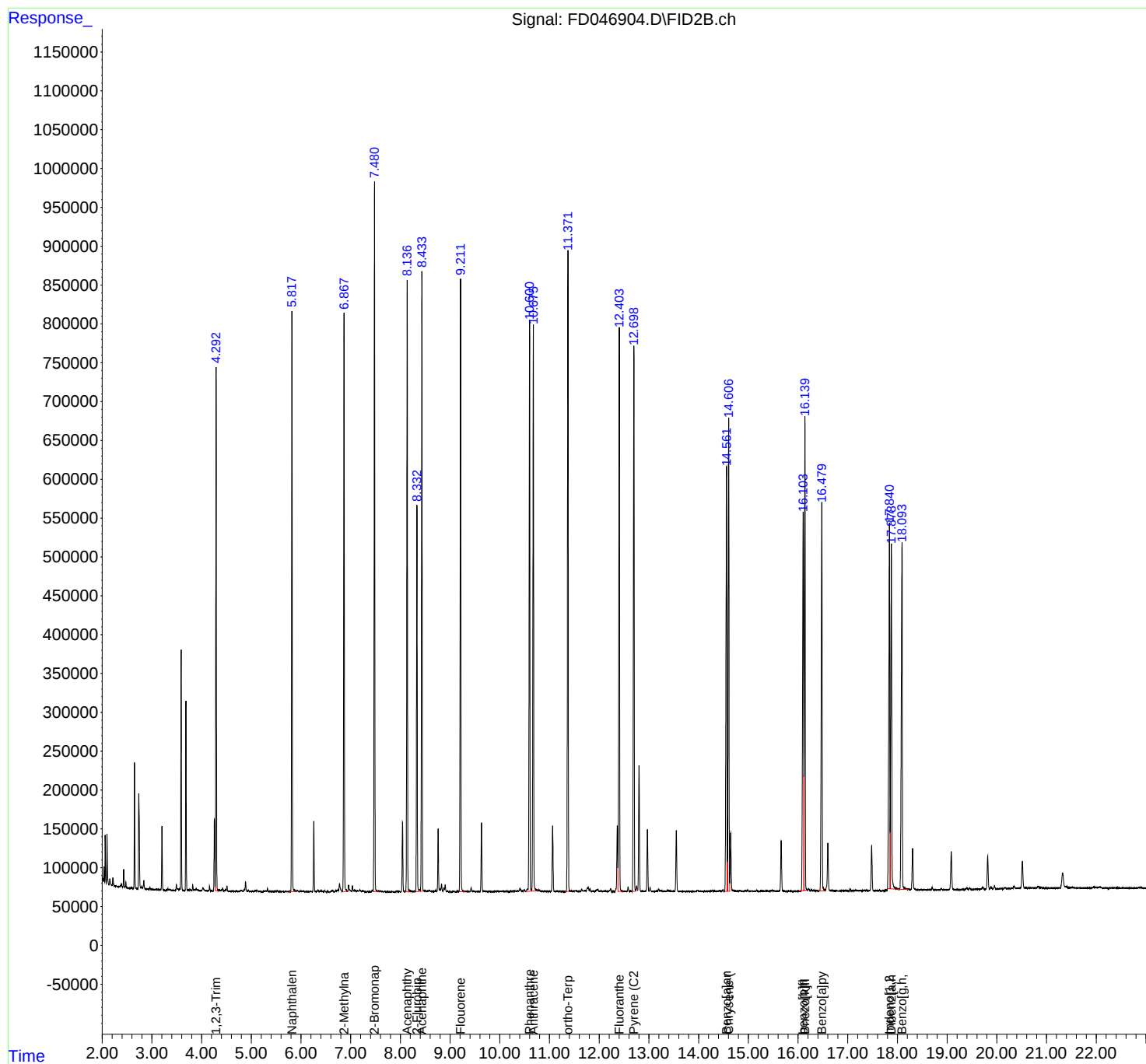
Instrument :
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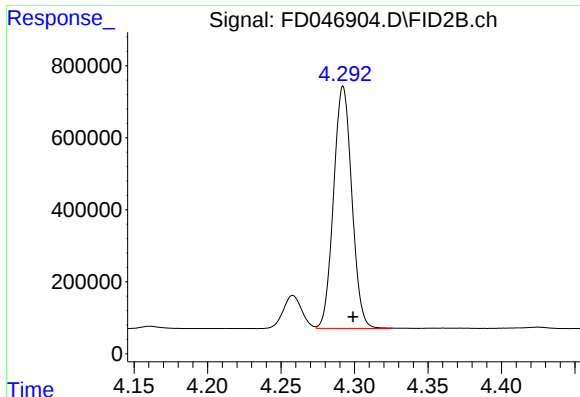
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#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.292 min
Delta R.T.: -0.007 min
Response: 5820751
Conc: 30.14 ug/ml

Instrument :

FID_D

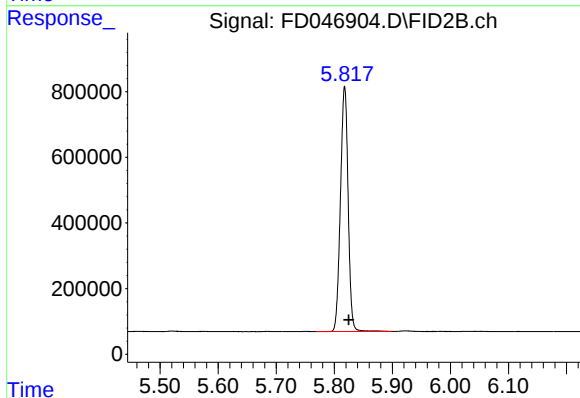
ClientSampleId :

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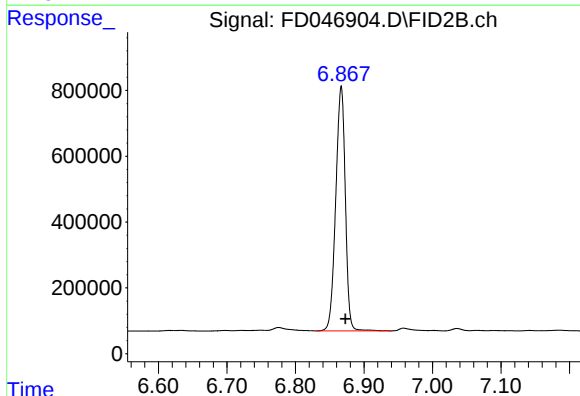
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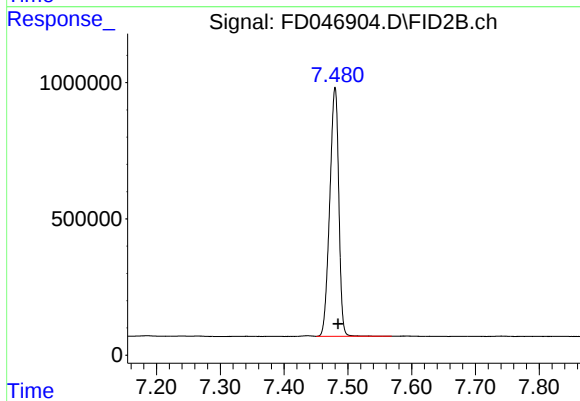
#2 Naphthalene (C11.7)

R.T.: 5.818 min
Delta R.T.: -0.007 min
Response: 6864251
Conc: 34.28 ug/ml



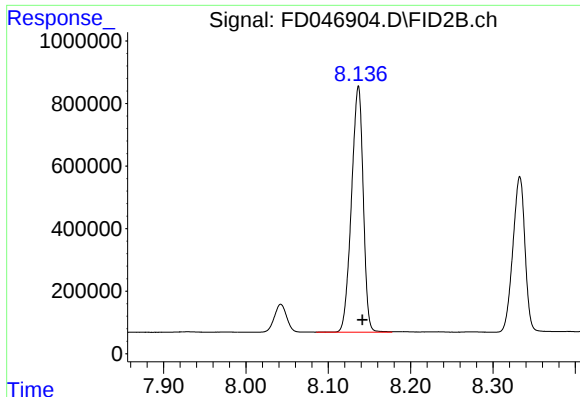
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.867 min
Delta R.T.: -0.006 min
Response: 7233131
Conc: 35.99 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.480 min
Delta R.T.: -0.005 min
Response: 8988538
Conc: 49.29 ug/ml



#5 Acenaphthylene (C15.06)

R.T.: 8.136 min
Delta R.T.: -0.005 min
Response: 7799711
Conc: 42.41 ug/ml

Instrument :

FID_D

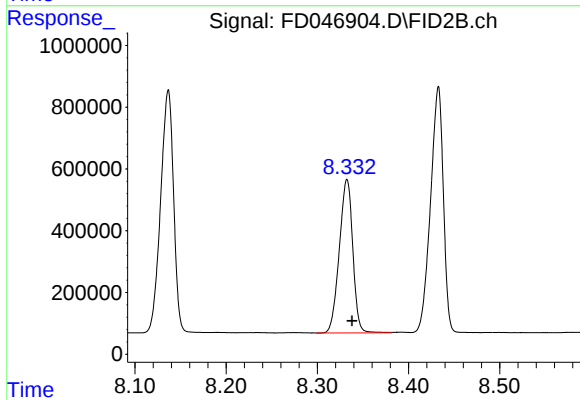
ClientSampleId :

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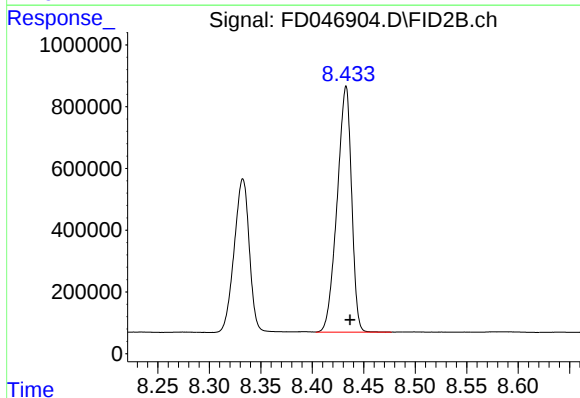
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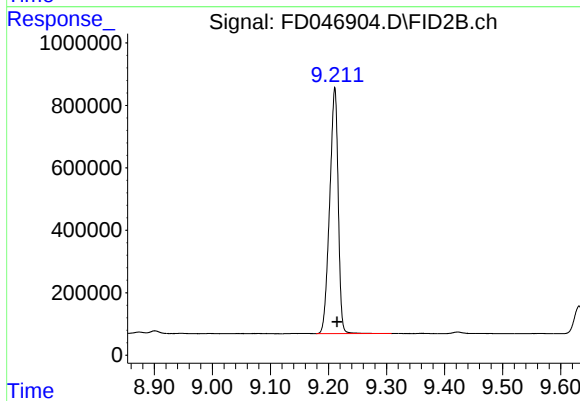
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.332 min
Delta R.T.: -0.006 min
Response: 5101366
Conc: 43.35 ug/ml



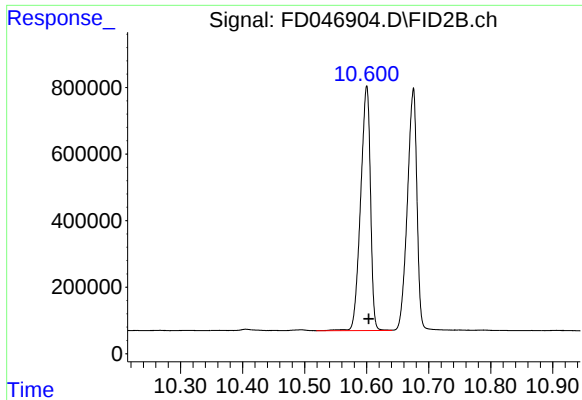
#7 Acenaphthene (C15.5)

R.T.: 8.432 min
Delta R.T.: -0.005 min
Response: 7787539
Conc: 39.76 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.211 min
Delta R.T.: -0.004 min
Response: 8050211
Conc: 43.52 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.600 min
Delta R.T.: -0.004 min
Response: 8078817
Conc: 45.41 ug/ml

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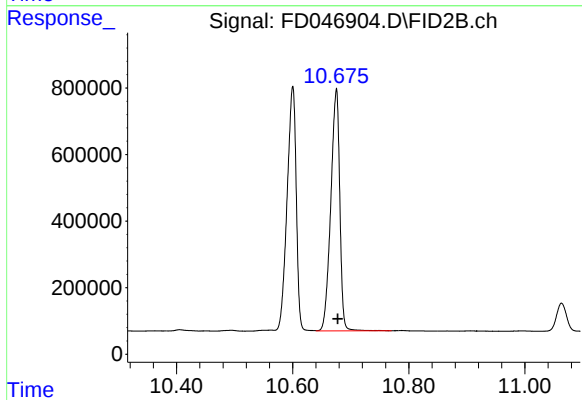
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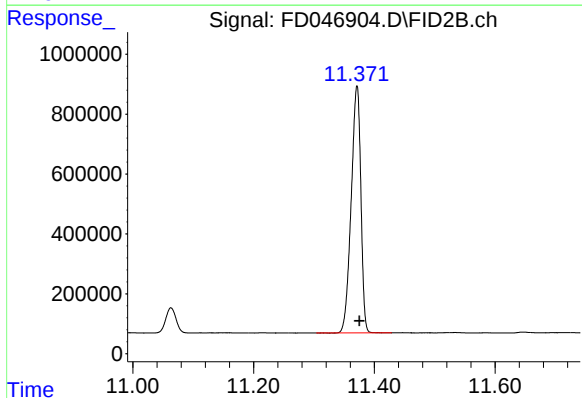
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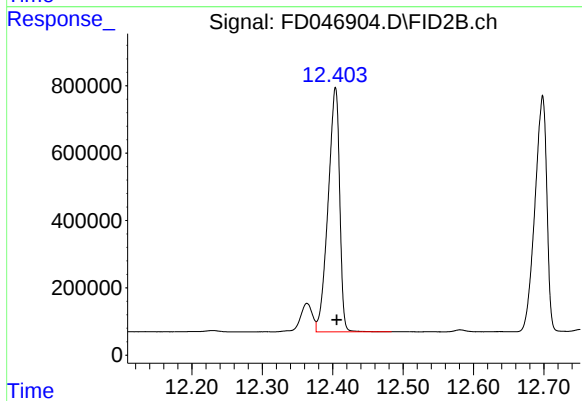
#10 Anthracene (C19.43)

R.T.: 10.675 min
Delta R.T.: -0.003 min
Response: 7812000
Conc: 45.84 ug/ml



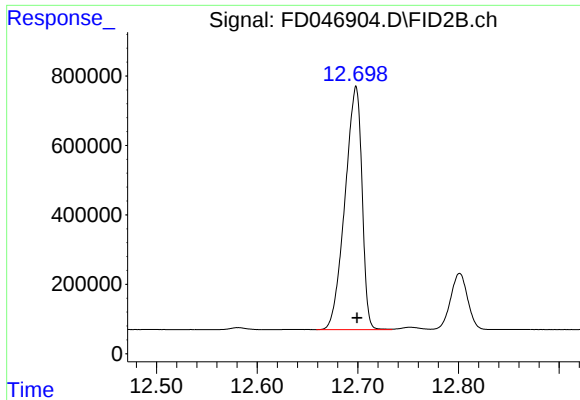
#11 ortho-Terphenyl (SURR)

R.T.: 11.371 min
Delta R.T.: -0.004 min
Response: 9169290
Conc: 43.30 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.403 min
Delta R.T.: -0.002 min
Response: 8265955
Conc: 47.86 ug/ml



#13 Pyrene (C20.8)

R.T.: 12.698 min
Delta R.T.: -0.002 min
Response: 8234969
Conc: 49.53 ug/ml

Instrument :

FID_D

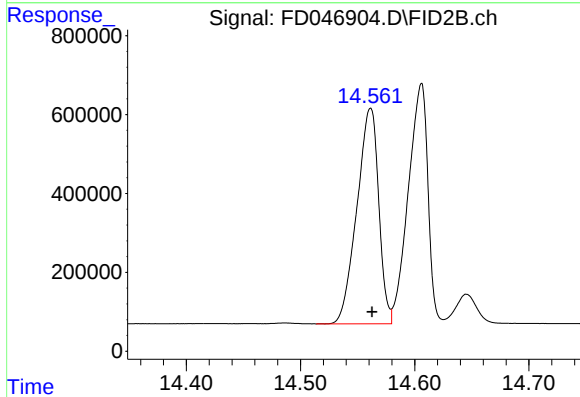
ClientSampleId :

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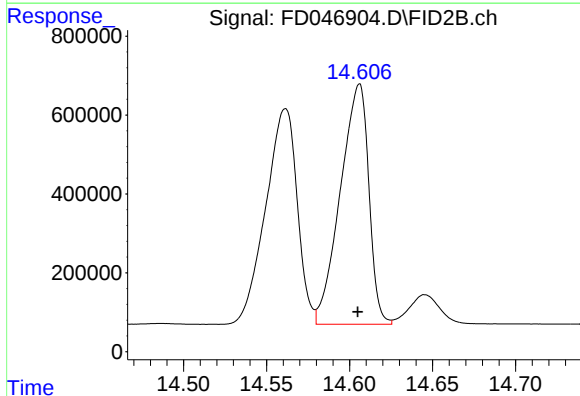
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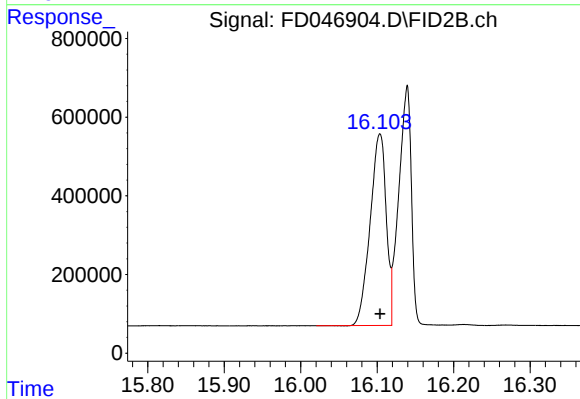
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.561 min
Delta R.T.: -0.002 min
Response: 7255730
Conc: 51.57 ug/ml



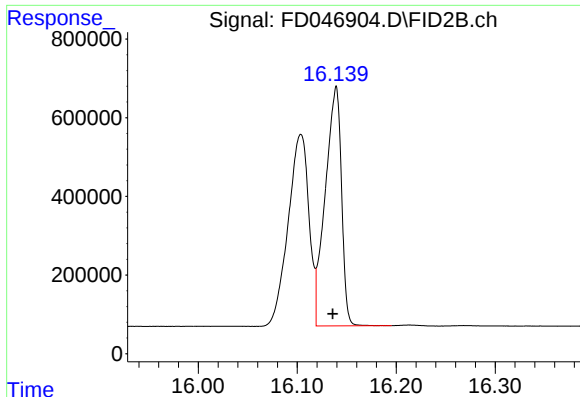
#15 Chrysene (C27.41)

R.T.: 14.605 min
Delta R.T.: 0.000 min
Response: 7269888
Conc: 46.62 ug/ml



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

R.T.: 16.103 min
Delta R.T.: 0.000 min
Response: 7115067
Conc: 49.71 ug/ml



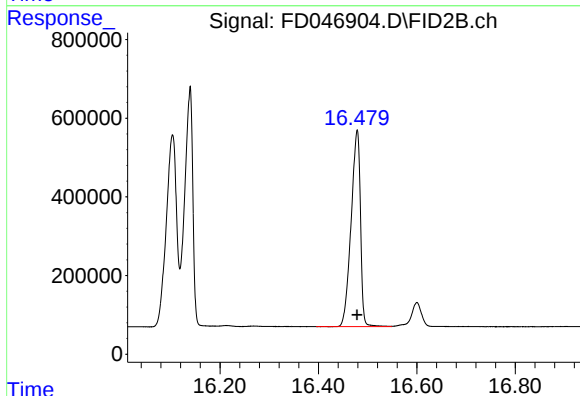
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.139 min
Delta R.T.: 0.003 min
Response: 6923684
Conc: 47.29 ug/ml

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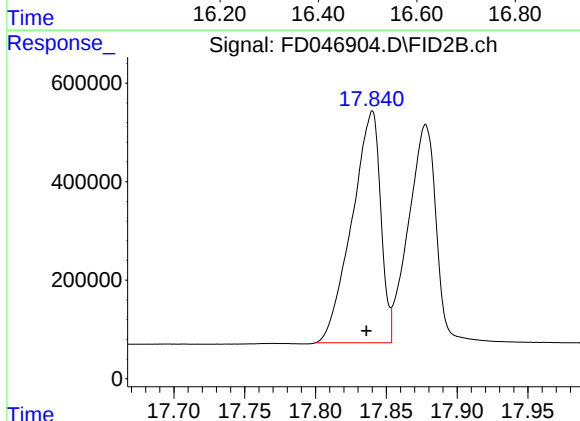
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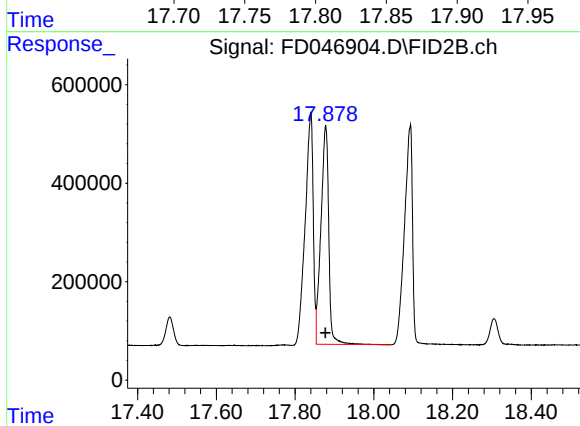
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.478 min
Delta R.T.: 0.000 min
Response: 6588292
Conc: 47.00 ug/ml



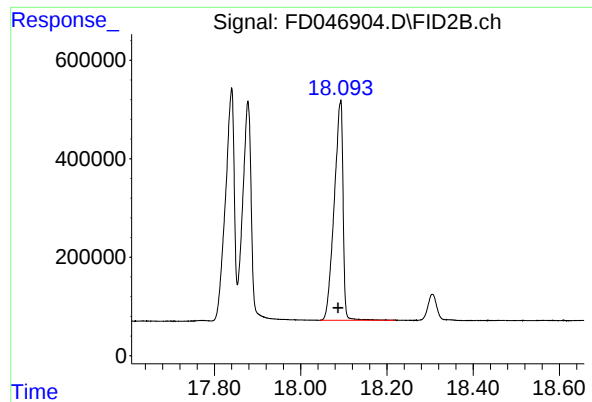
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.839 min
Delta R.T.: 0.003 min
Response: 6638846
Conc: 52.55 ug/ml



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

R.T.: 17.878 min
Delta R.T.: 0.000 min
Response: 6125585
Conc: 43.85 ug/ml



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

R.T.: 18.091 min
Delta R.T.: 0.004 min
Response: 6341163
Conc: 45.42 ug/ml

Instrument :

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