

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD060222AR\
 Data File : FD042757.D
 Signal(s) : FID2B.CH
 Acq On : 03 Jun 2022 6:40
 Operator : UA/NP
 Sample : PB145150BS
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB145150BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/03/2022
 Supervised By :Ankita Jodhani 06/03/2022

Integration File: autoint1.e
 Quant Time: Jun 03 07:38:04 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052722.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 01 10:34:31 2022
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	7.670	6533127	42.753 ug/ml
Spiked Amount 50.000		Recovery =	85.51%
6) S 2-Fluorobiphenyl (SURR)	8.536	4253866	41.362 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	82.72%
11) S ortho-Terphenyl (SURR)	11.584	6424280	36.188 ug/ml
Spiked Amount 50.000		Recovery =	72.38%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.460	5225339	31.210 ug/ml
2) T Naphthalene (C11.7)	6.004	6013078	34.779 ug/ml
3) T 2-Methylnaphthalene (...)	7.059	6074000	38.089 ug/ml
5) T Acenaphthylene (C15.06)	8.338	5895058	34.120 ug/ml
7) T Acenaphthene (C15.5)	8.636	6275383	36.471 ug/ml
8) T Flouorene (C16.55)	9.417	6307048	37.568 ug/ml
9) T Phenanthrene (C19.36)	10.817	6367268	38.721 ug/ml
10) T Anthracene (C19.43)	10.893	6261734	40.969 ug/ml
12) T Fluoranthene (C21.85)	12.633	6244335	39.635 ug/ml
13) T Pyrene (C20.8)	12.931	6184557	39.724 ug/ml
14) T Benzo[a]anthracene (C...	14.805	5855838	43.919 ug/ml
15) T Chrysene (C27.41)	14.848	6437425	48.725 ug/mlm
16) T benzo[b]fluoranthene ...	16.359	5772224	43.330 ug/ml
17) T Bnezo[k]fluoranthene ...	16.394	5659897	45.697 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.737	5174023	41.803 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.107	5588498	50.138 ug/ml
20) T Dibenz[a,h]anthracene...	18.147	5458309	49.070 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.365	5549806	46.693 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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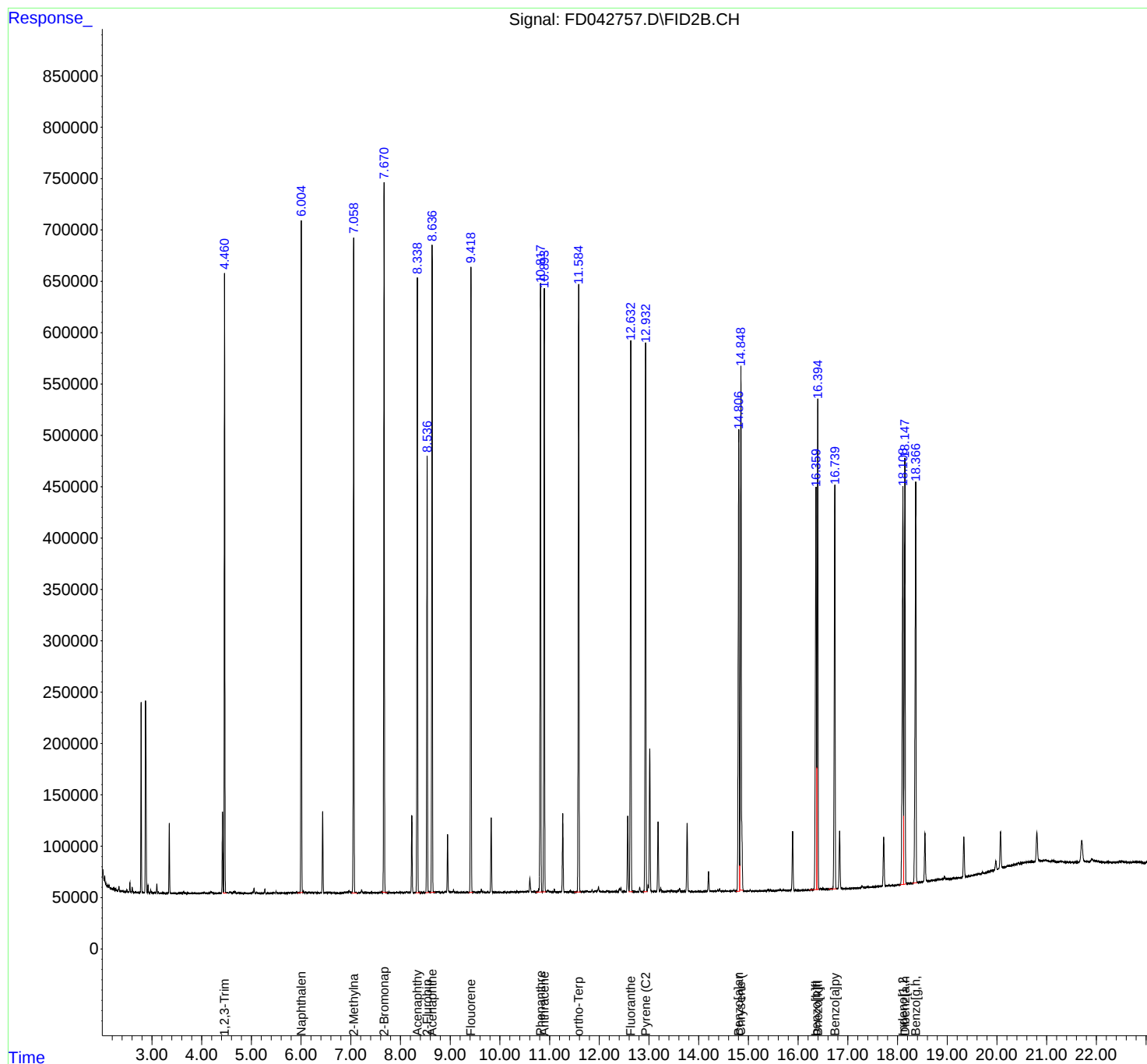
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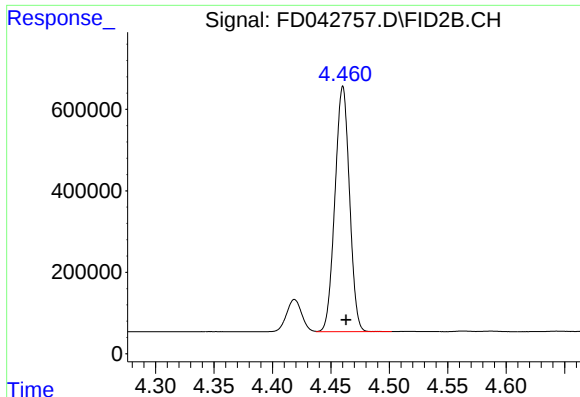
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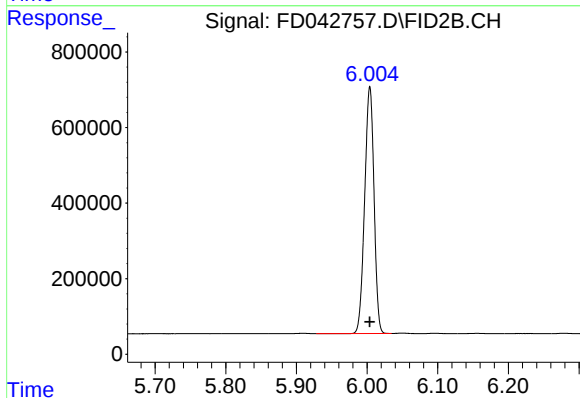
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.460 min
Delta R.T.: -0.003 min
Response: 5225339
Conc: 31.21 ug/ml

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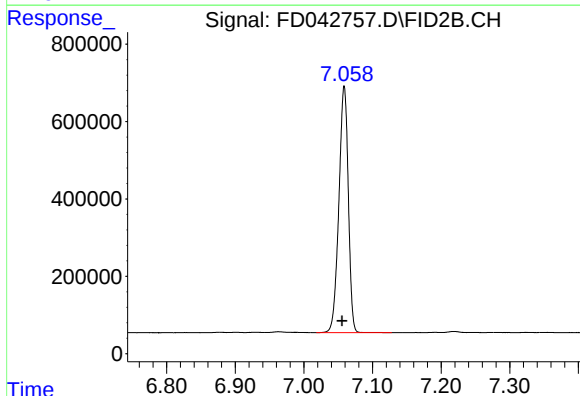
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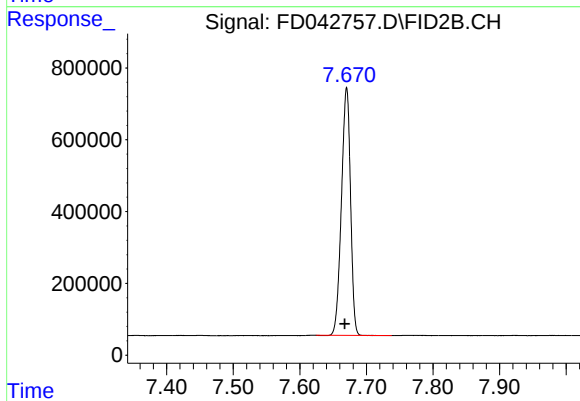
#2 Naphthalene (C11.7)

R.T.: 6.004 min
Delta R.T.: 0.000 min
Response: 6013078
Conc: 34.78 ug/ml



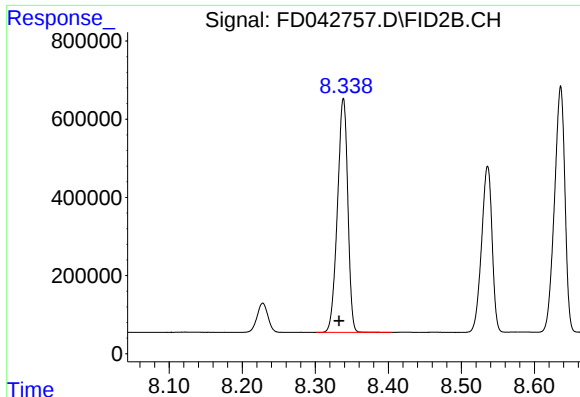
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.059 min
Delta R.T.: 0.003 min
Response: 6074000
Conc: 38.09 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.670 min
Delta R.T.: 0.003 min
Response: 6533127
Conc: 42.75 ug/ml



#5 Acenaphthylene (C15.06)

R.T.: 8.338 min
Delta R.T.: 0.005 min
Response: 5895058
Conc: 34.12 ug/ml

Instrument :

FID_D

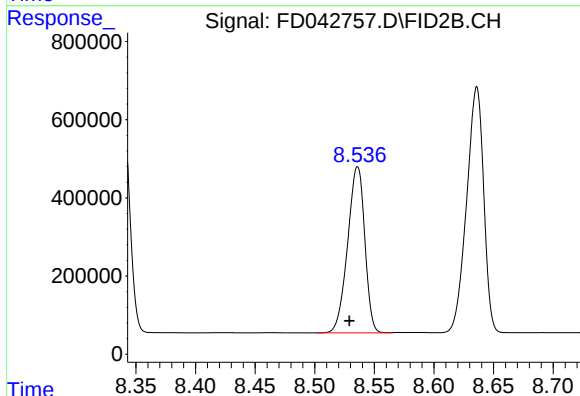
ClientSampleId :

PB145150BS

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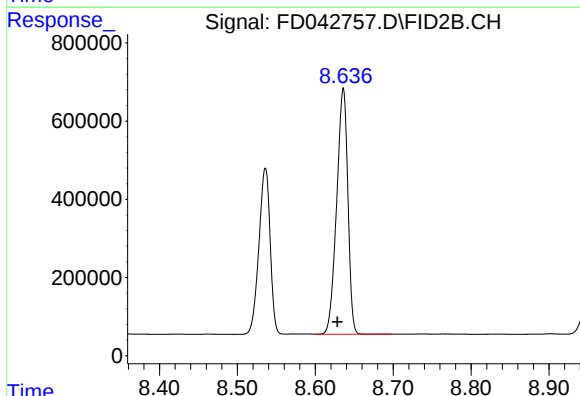
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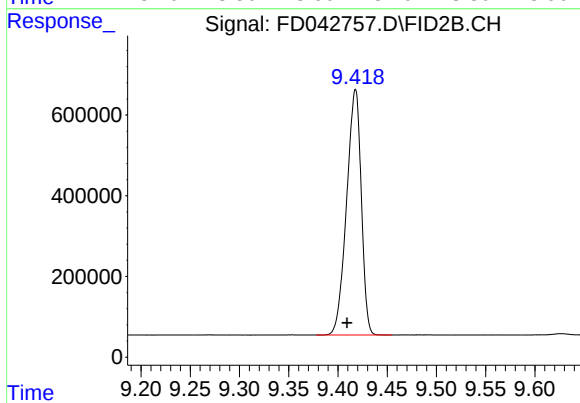
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.536 min
Delta R.T.: 0.007 min
Response: 4253866
Conc: 41.36 ug/ml



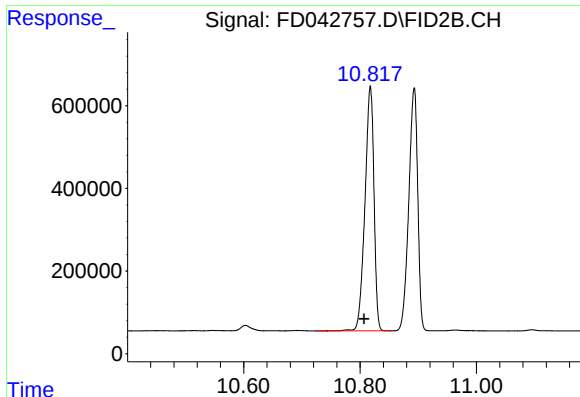
#7 Acenaphthene (C15.5)

R.T.: 8.636 min
Delta R.T.: 0.007 min
Response: 6275383
Conc: 36.47 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.417 min
Delta R.T.: 0.008 min
Response: 6307048
Conc: 37.57 ug/ml



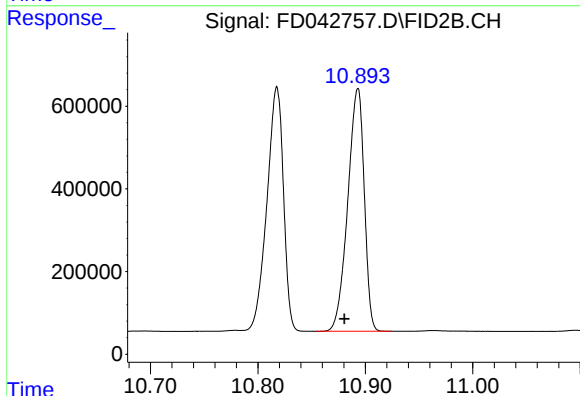
#9 Phenanthrene (C19.36)

R.T.: 10.817 min
Delta R.T.: 0.011 min
Response: 6367268
Conc: 38.72 ug/ml

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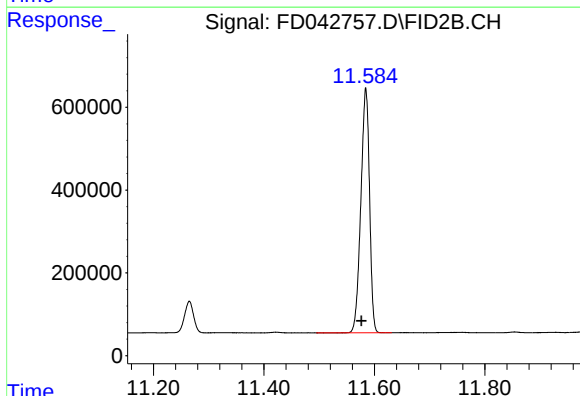
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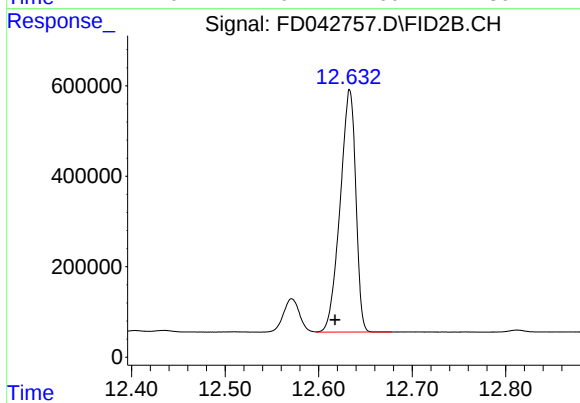
#10 Anthracene (C19.43)

R.T.: 10.893 min
Delta R.T.: 0.012 min
Response: 6261734
Conc: 40.97 ug/ml



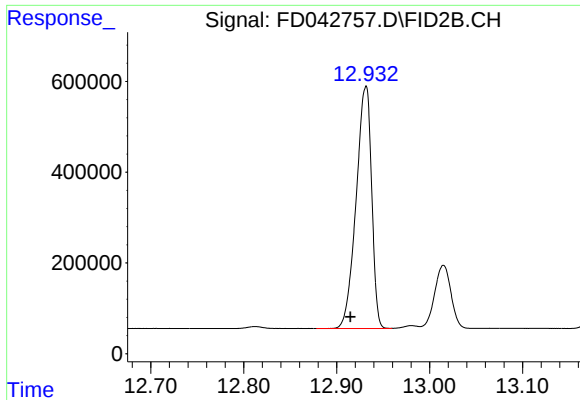
#11 ortho-Terphenyl (SURR)

R.T.: 11.584 min
Delta R.T.: 0.008 min
Response: 6424280
Conc: 36.19 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.633 min
Delta R.T.: 0.016 min
Response: 6244335
Conc: 39.63 ug/ml



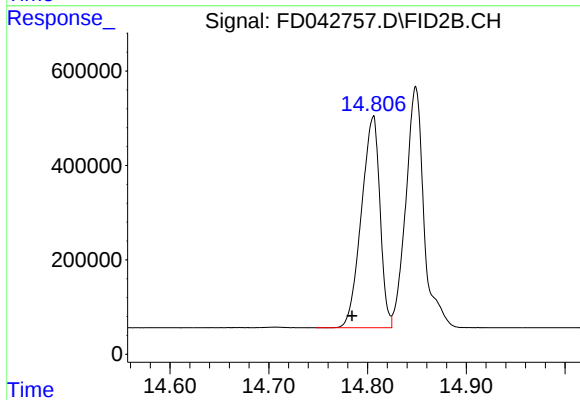
#13 Pyrene (C20.8)

R.T.: 12.931 min
Delta R.T.: 0.016 min
Response: 6184557
Conc: 39.72 ug/ml

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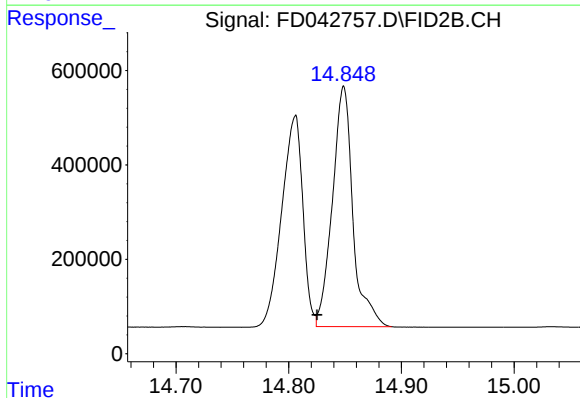
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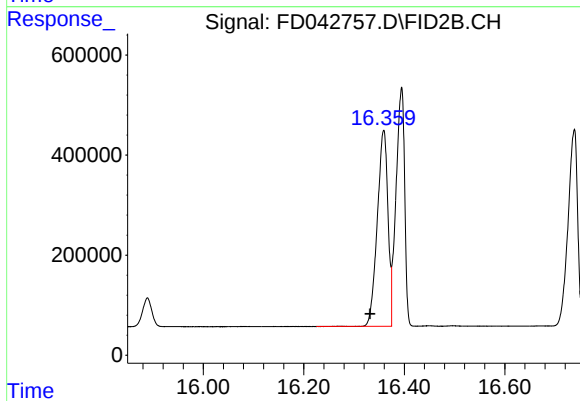
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.805 min
Delta R.T.: 0.021 min
Response: 5855838
Conc: 43.92 ug/ml



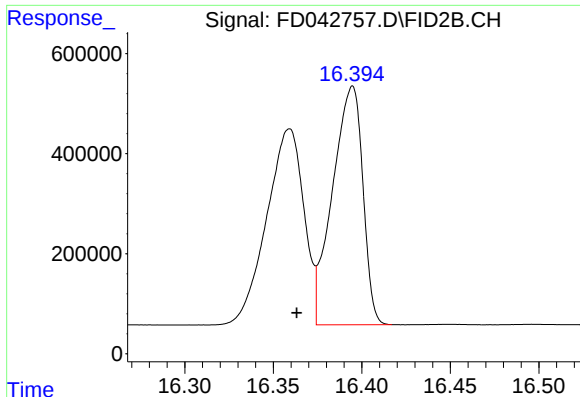
#15 Chrysene (C27.41)

R.T.: 14.848 min
Delta R.T.: 0.023 min
Response: 6437425
Conc: 48.72 ug/ml m



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

R.T.: 16.359 min
Delta R.T.: 0.027 min
Response: 5772224
Conc: 43.33 ug/ml



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

R.T.: 16.394 min
Delta R.T.: 0.031 min
Response: 5659897
Conc: 45.70 ug/ml

Instrument :

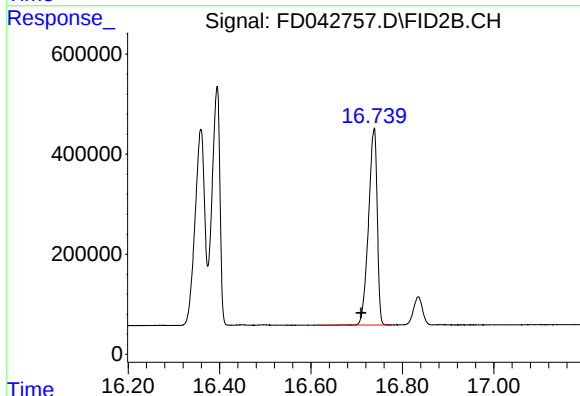
FID_D

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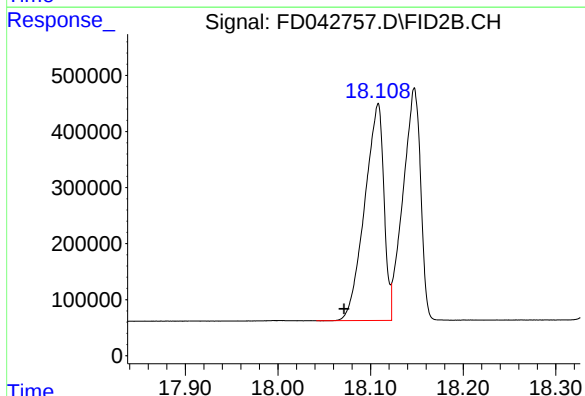
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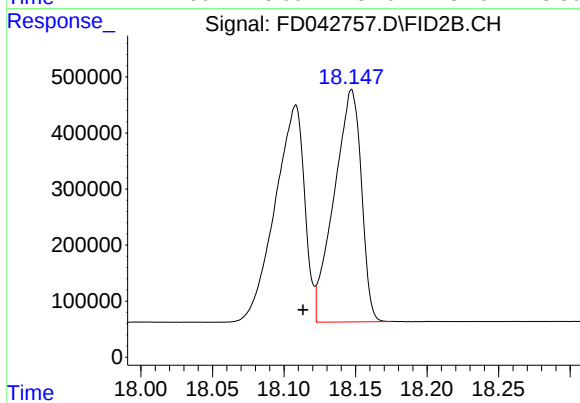
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.737 min
Delta R.T.: 0.028 min
Response: 5174023
Conc: 41.80 ug/ml



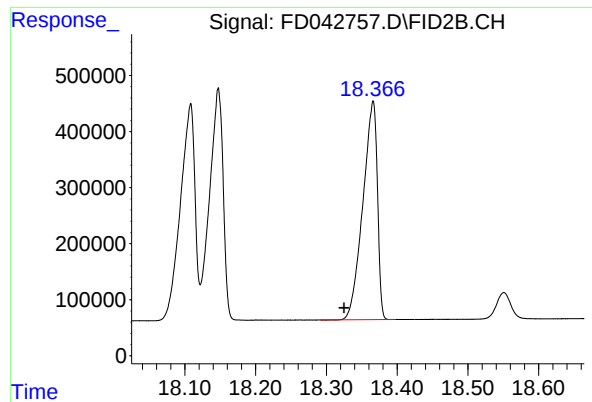
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.107 min
Delta R.T.: 0.036 min
Response: 5588498
Conc: 50.14 ug/ml



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

R.T.: 18.147 min
Delta R.T.: 0.034 min
Response: 5458309
Conc: 49.07 ug/ml m



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

R.T.: 18.365 min
Delta R.T.: 0.040 min
Response: 5549806
Conc: 46.69 ug/ml

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