

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD060222AR\
 Data File : FD042758.D
 Signal(s) : FID2B.CH
 Acq On : 03 Jun 2022 7:20
 Operator : UA/NP
 Sample : PB145150BSD
 Misc :
 ALS Vial : 75 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB145150BSD

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 07:45:42 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...	7.669	6615411	43.292 ug/ml
Spiked Amount 50.000		Recovery =	86.58%
6) S 2-Fluorobiphenyl (SURR)	8.534	4336444	42.165 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	84.33%
11) S ortho-Terphenyl (SURR)	11.583	6612927	37.251 ug/ml
Spiked Amount 50.000		Recovery =	74.50%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.460	5230949	31.243 ug/ml
2) T Naphthalene (C11.7)	6.003	6057332	35.035 ug/ml
3) T 2-Methylnaphthalene (...)	7.058	6140719	38.507 ug/ml
5) T Acenaphthylene (C15.06)	8.337	6001146	34.734 ug/ml
7) T Acenaphthene (C15.5)	8.634	6384600	37.105 ug/ml
8) T Flouorene (C16.55)	9.416	6462021	38.491 ug/ml
9) T Phenanthrene (C19.36)	10.816	6560726	39.897 ug/ml
10) T Anthracene (C19.43)	10.891	6453974	42.226 ug/ml
12) T Fluoranthene (C21.85)	12.633	6417727	40.735 ug/ml
13) T Pyrene (C20.8)	12.931	6344043	40.749 ug/ml
14) T Benzo[a]anthracene (C...	14.806	5947536	44.607 ug/ml
15) T Chrysene (C27.41)	14.851	6617891	50.091 ug/mlm
16) T benzo[b]fluoranthene ...	16.360	5809783	43.612 ug/ml
17) T Bnezo[k]fluoranthene ...	16.395	5764685	46.543 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.739	5212933	42.118 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.108	5626545	50.480 ug/ml
20) T Dibenz[a,h]anthracene...	18.147	5568136	50.057 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.366	5591903	47.048 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : UA/NP
Sample : PB145150BSD
Misc :
ALS Vial : 75 Sample Multiplier: 1

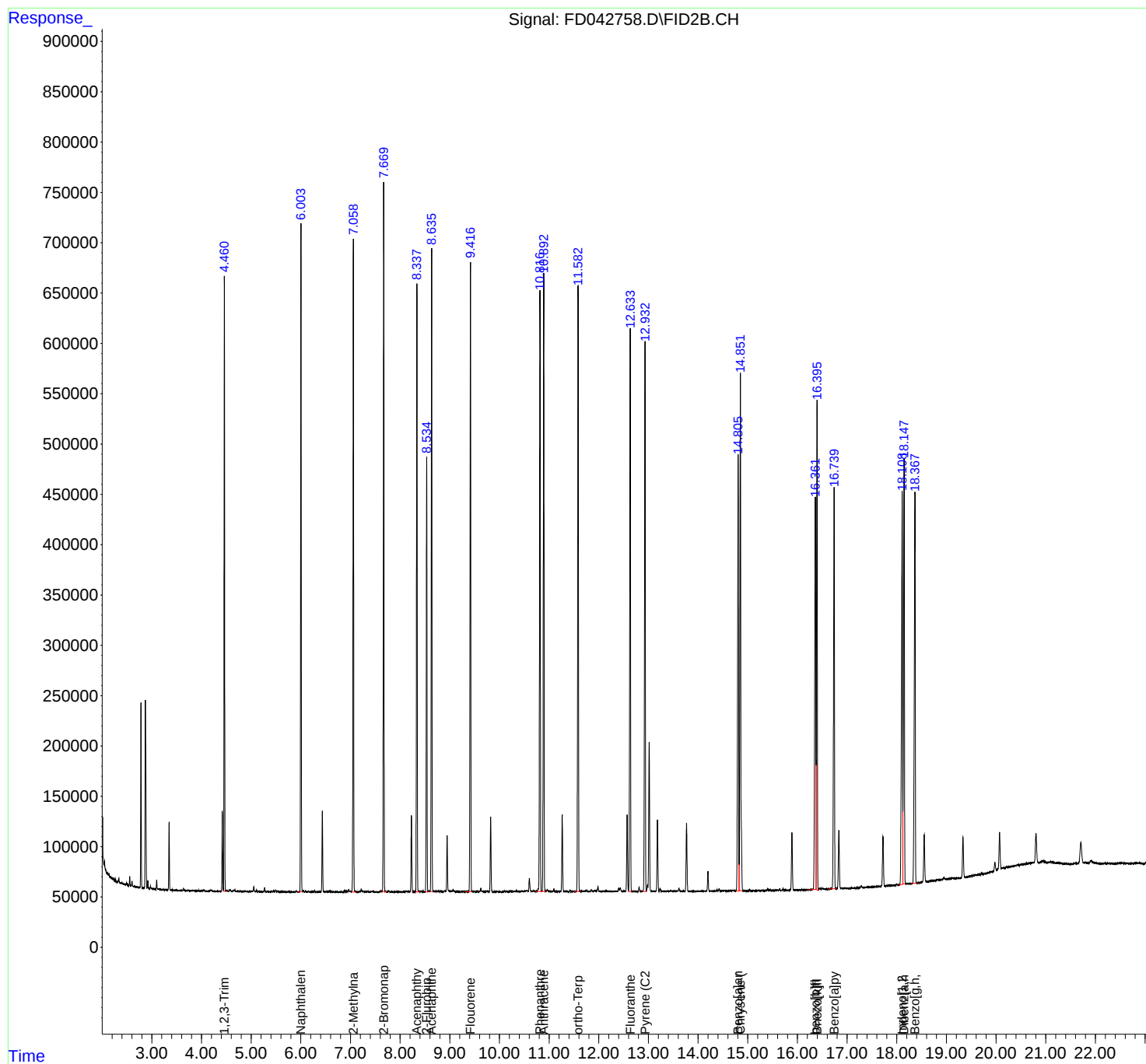
Instrument :
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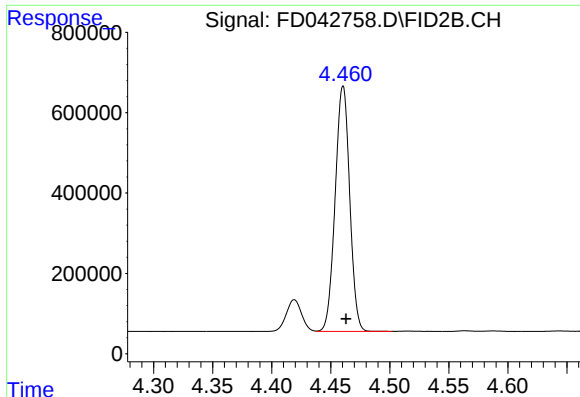
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#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.460 min
Delta R.T.: -0.003 min
Response: 5230949
Conc: 31.24 ug/ml

Instrument :

FID_D

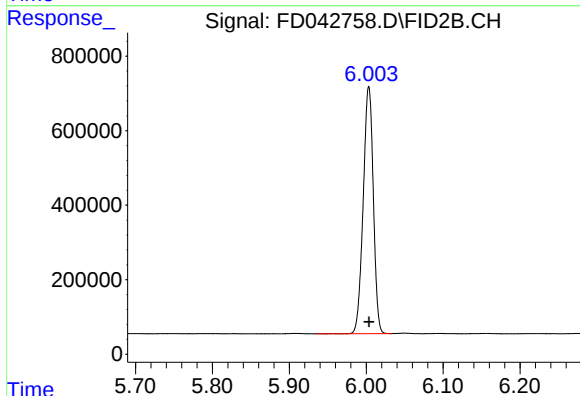
ClientSampleId :

PB145150BSD

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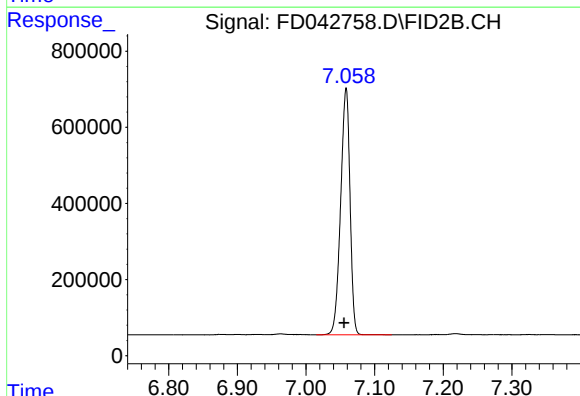
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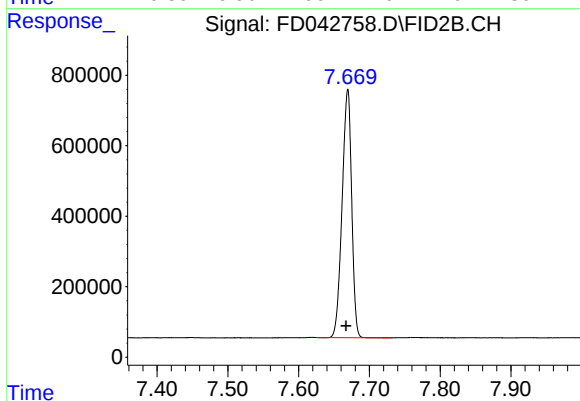
#2 Naphthalene (C11.7)

R.T.: 6.003 min
Delta R.T.: 0.000 min
Response: 6057332
Conc: 35.03 ug/ml



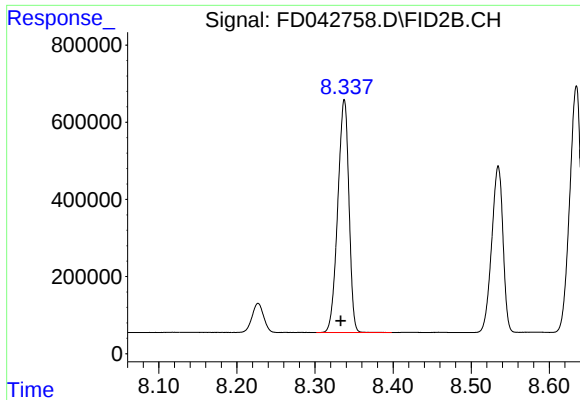
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.058 min
Delta R.T.: 0.003 min
Response: 6140719
Conc: 38.51 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.669 min
Delta R.T.: 0.002 min
Response: 6615411
Conc: 43.29 ug/ml



#5 Acenaphthylene (C15.06)

R.T.: 8.337 min
Delta R.T.: 0.005 min
Response: 6001146
Conc: 34.73 ug/ml

Instrument :

FID_D

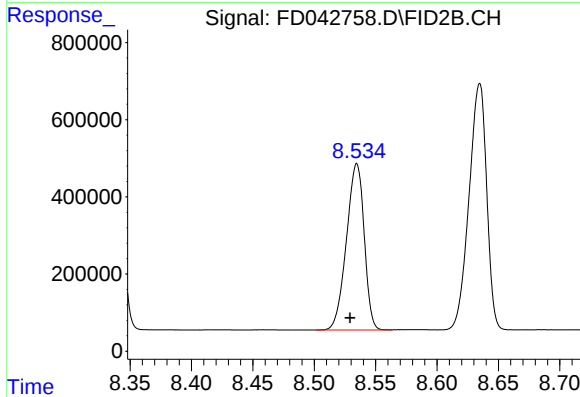
ClientSampleId :

PB145150BSD

Manual Integrations

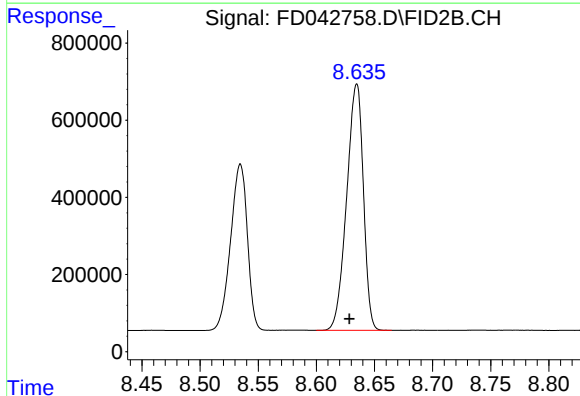
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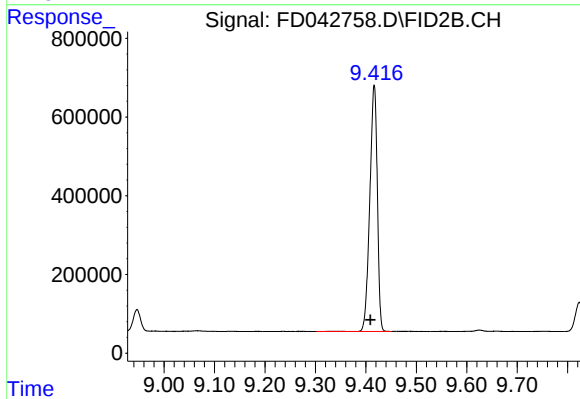
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.534 min
Delta R.T.: 0.005 min
Response: 4336444
Conc: 42.16 ug/ml



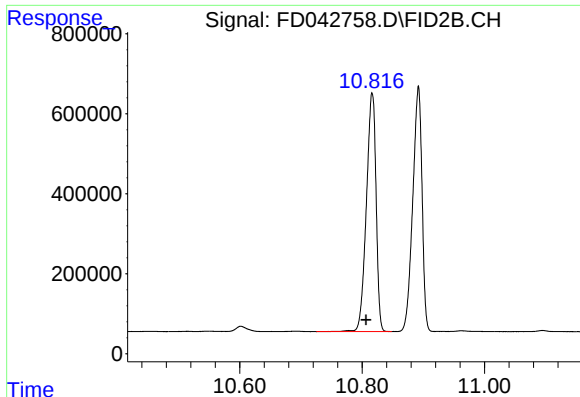
#7 Acenaphthene (C15.5)

R.T.: 8.634 min
Delta R.T.: 0.006 min
Response: 6384600
Conc: 37.11 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.416 min
Delta R.T.: 0.007 min
Response: 6462021
Conc: 38.49 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.816 min
Delta R.T.: 0.010 min
Response: 6560726
Conc: 39.90 ug/ml

Instrument :

FID_D

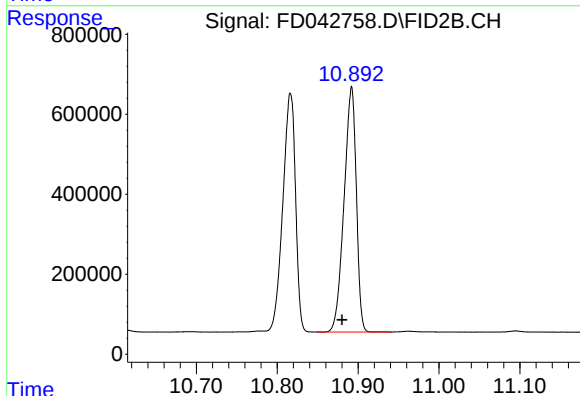
ClientSampleId :

PB145150BSD

Manual Integrations

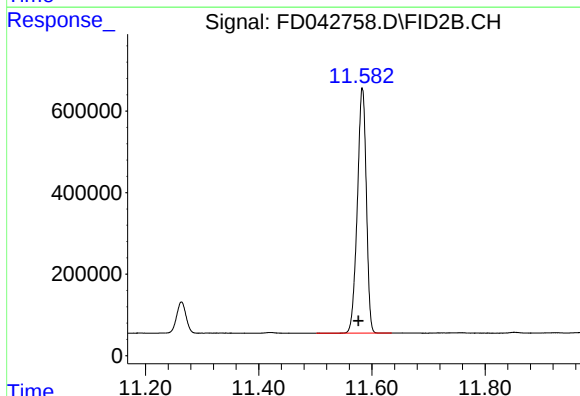
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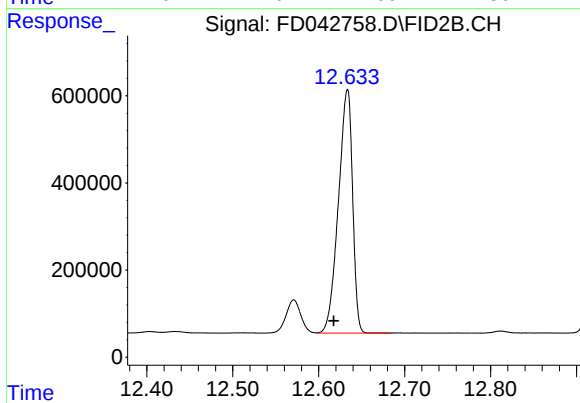
#10 Anthracene (C19.43)

R.T.: 10.891 min
Delta R.T.: 0.011 min
Response: 6453974
Conc: 42.23 ug/ml



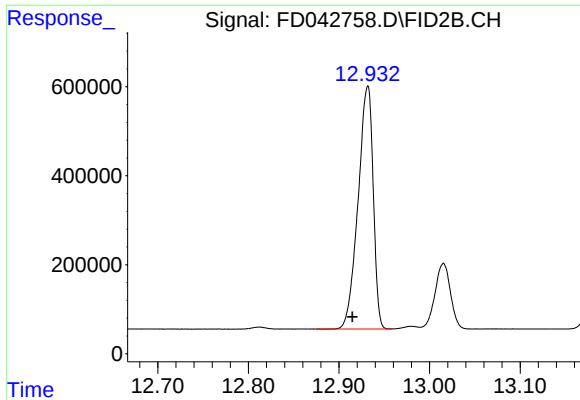
#11 ortho-Terphenyl (SURR)

R.T.: 11.583 min
Delta R.T.: 0.007 min
Response: 6612927
Conc: 37.25 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.633 min
Delta R.T.: 0.015 min
Response: 6417727
Conc: 40.74 ug/ml



#13 Pyrene (C20.8)

R.T.: 12.931 min
Delta R.T.: 0.016 min
Response: 6344043
Conc: 40.75 ug/ml

Instrument :

FID_D

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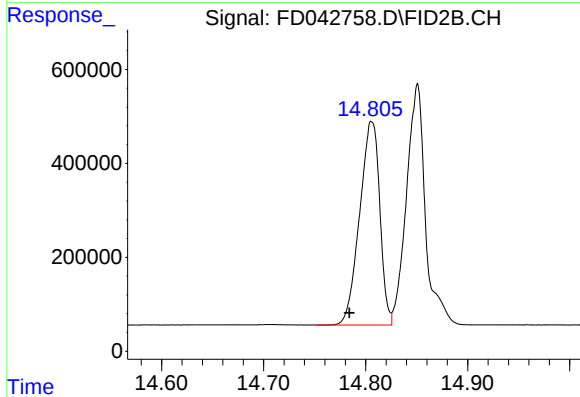
PB145150BSD

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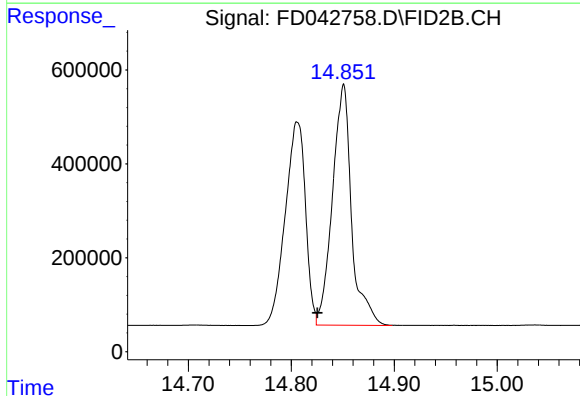
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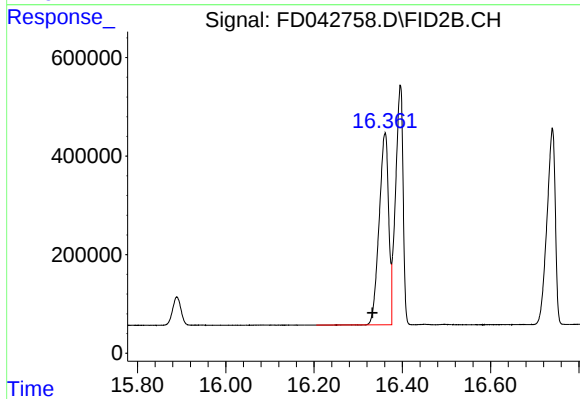
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.806 min
Delta R.T.: 0.022 min
Response: 5947536
Conc: 44.61 ug/ml



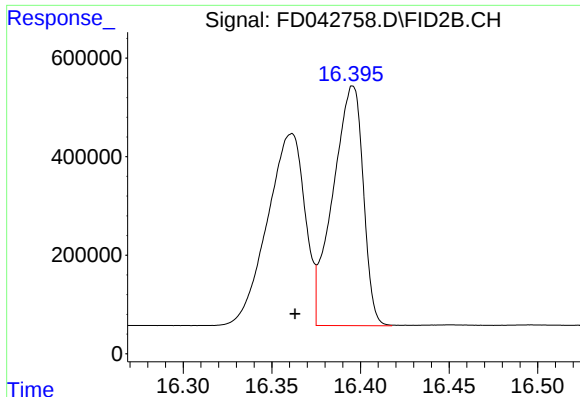
#15 Chrysene (C27.41)

R.T.: 14.851 min
Delta R.T.: 0.025 min
Response: 6617891
Conc: 50.09 ug/ml m



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

R.T.: 16.360 min
Delta R.T.: 0.029 min
Response: 5809783
Conc: 43.61 ug/ml



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

R.T.: 16.395 min
Delta R.T.: 0.032 min
Response: 5764685
Conc: 46.54 ug/ml

Instrument :

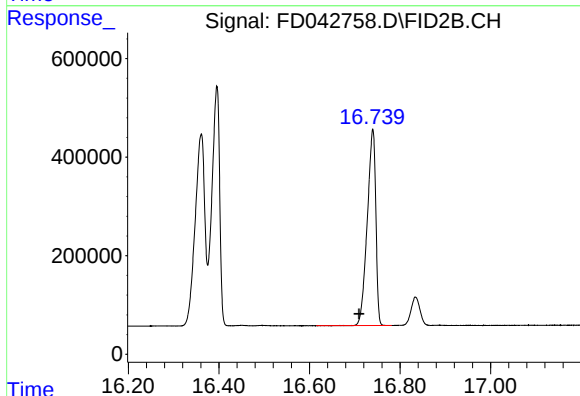
FID_D

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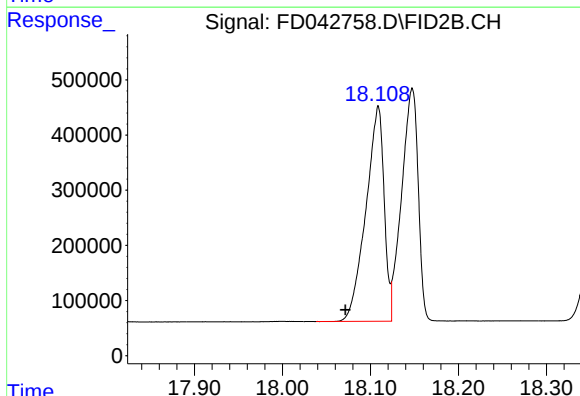
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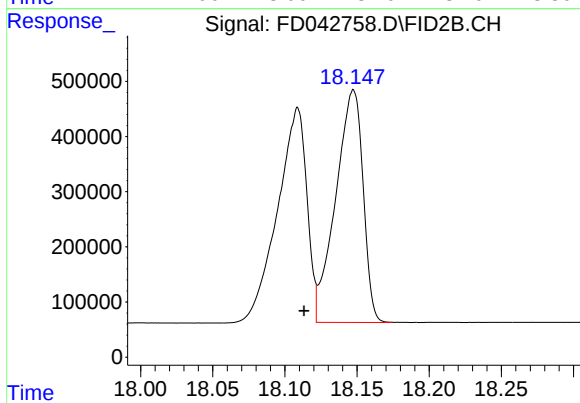
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.739 min
Delta R.T.: 0.030 min
Response: 5212933
Conc: 42.12 ug/ml



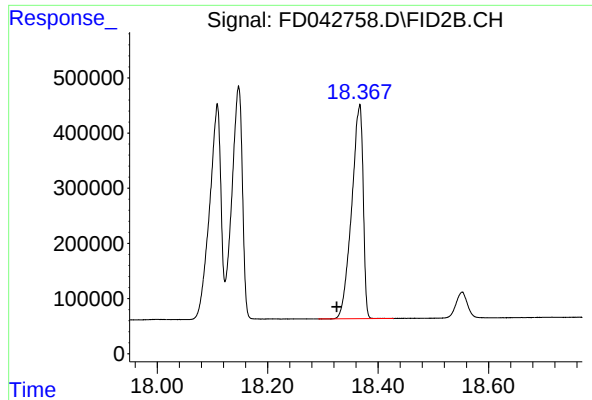
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.108 min
Delta R.T.: 0.037 min
Response: 5626545
Conc: 50.48 ug/ml



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

R.T.: 18.147 min
Delta R.T.: 0.034 min
Response: 5568136
Conc: 50.06 ug/ml m



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

R.T.: 18.366 min
Delta R.T.: 0.040 min
Response: 5591903
Conc: 47.05 ug/ml

Instrument :

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