

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061422AR\
 Data File : FD042897.D
 Signal(s) : FID2B.CH
 Acq On : 14 Jun 2022 17:44
 Operator : UA/NP
 Sample : PB145481BS
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

PB145481BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/15/2022

Supervised By :Ankita Jodhani 06/15/2022

Integration File: sample.E

Quant Time: Jun 15 01:48:22 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...	7.659	6157017	40.292 ug/ml
Spiked Amount 50.000		Recovery =	80.58%
6) S 2-Fluorobiphenyl (SURR)	8.525	3721446	36.185 ug/mlm
Spiked Amount 50.000 Range 0 - 131		Recovery =	72.37%
11) S ortho-Terphenyl (SURR)	11.574	6226821	35.076 ug/ml
Spiked Amount 50.000		Recovery =	70.15%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.450	5111938	30.532 ug/ml
2) T Naphthalene (C11.7)	5.993	5927074	34.281 ug/ml
3) T 2-Methylnaphthalene (...)	7.048	6184585	38.783 ug/ml
5) T Acenaphthylene (C15.06)	8.328	6195090	35.857 ug/ml
7) T Acenaphthene (C15.5)	8.625	6670918	38.769 ug/ml
8) T Flouorene (C16.55)	9.407	6856385	40.840 ug/ml
9) T Phenanthrene (C19.36)	10.808	6875485	41.811 ug/ml
10) T Anthracene (C19.43)	10.883	6744363	44.126 ug/ml
12) T Fluoranthene (C21.85)	12.624	6597104	41.874 ug/ml
13) T Pyrene (C20.8)	12.922	6529852	41.942 ug/ml
14) T Benzo[a]anthracene (C...	14.797	6068283	45.512 ug/ml
15) T Chrysene (C27.41)	14.841	6815334	51.585 ug/ml
16) T benzo[b]fluoranthene ...	16.352	6198946	46.533 ug/ml
17) T Bnezo[k]fluoranthene ...	16.386	6048523	48.835 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.731	5509325	44.512 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.100	6151601	55.190 ug/ml
20) T Dibenz[a,h]anthracene...	18.138	5529490	49.710 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.358	5813821	48.915 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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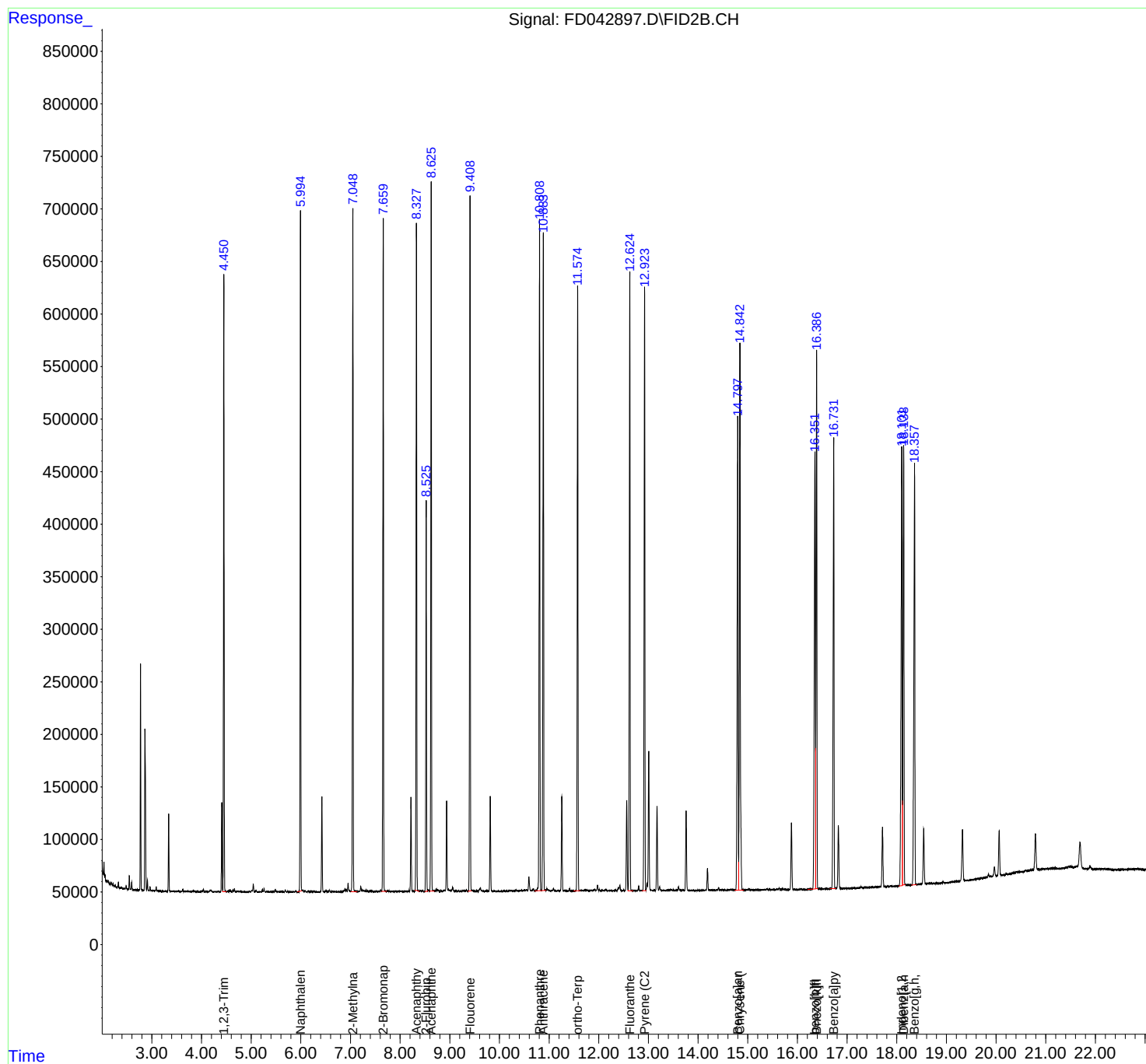
Instrument :
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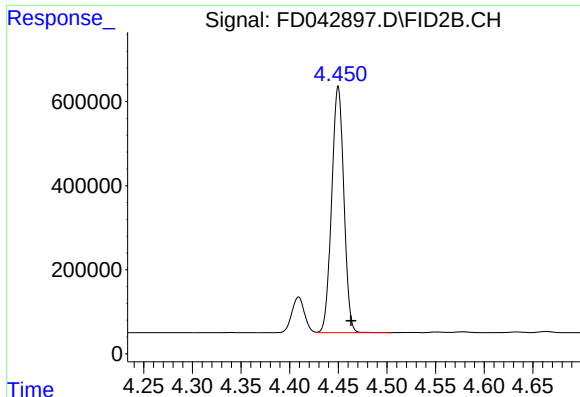
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





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

R.T.: 4.450 min
Delta R.T.: -0.013 min
Response: 5111938
Conc: 30.53 ug/ml

Instrument :

FID_D

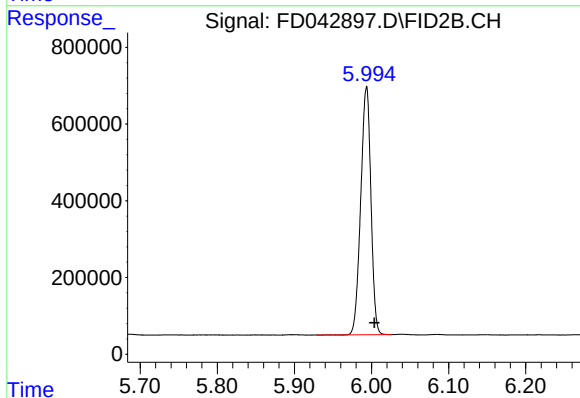
ClientSampleId :

PB145481BS

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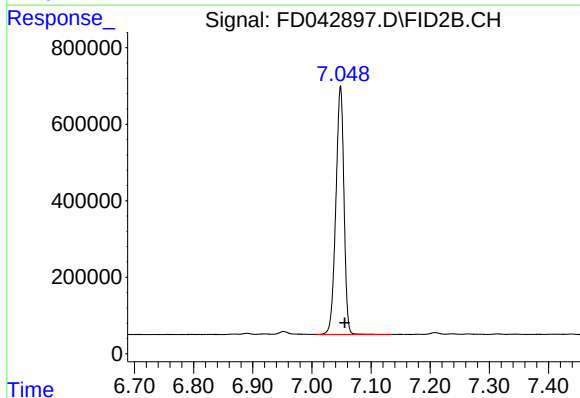
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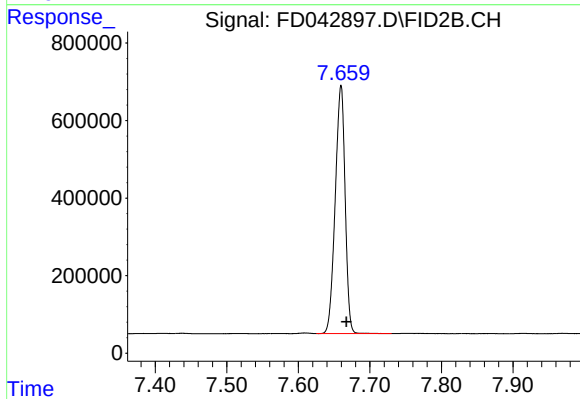
#2 Naphthalene (C11.7)

R.T.: 5.993 min
Delta R.T.: -0.011 min
Response: 5927074
Conc: 34.28 ug/ml



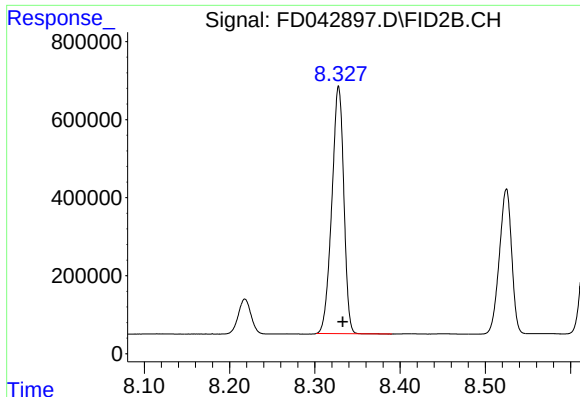
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.048 min
Delta R.T.: -0.008 min
Response: 6184585
Conc: 38.78 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.659 min
Delta R.T.: -0.008 min
Response: 6157017
Conc: 40.29 ug/ml



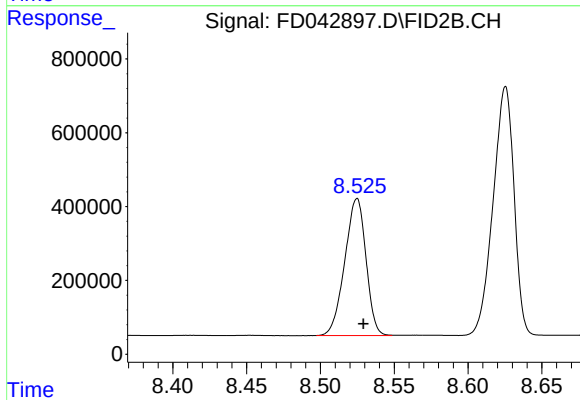
#5 Acenaphthylene (C15.06)

R.T.: 8.328 min
Delta R.T.: -0.005 min
Response: 6195090
Conc: 35.86 ug/ml

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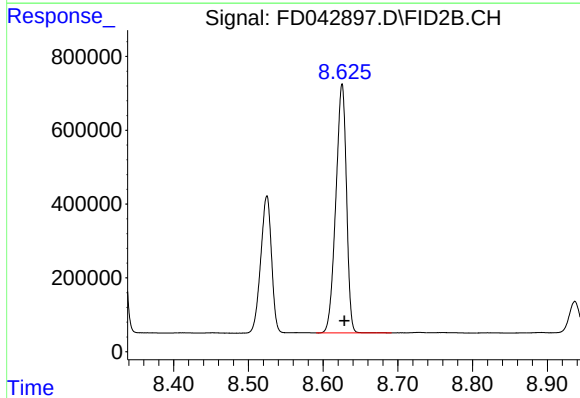
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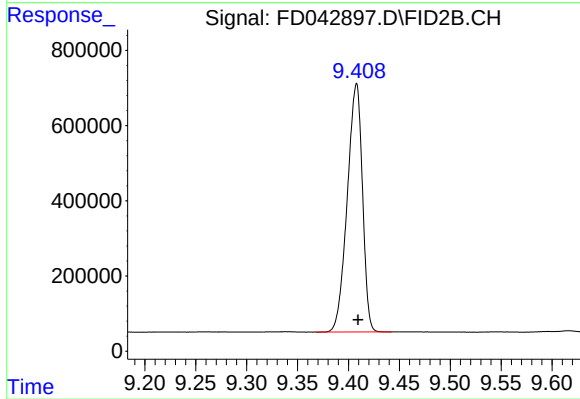
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.525 min
Delta R.T.: -0.004 min
Response: 3721446
Conc: 36.18 ug/ml m



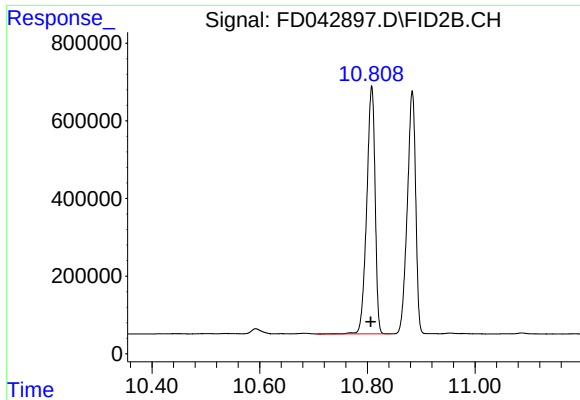
#7 Acenaphthene (C15.5)

R.T.: 8.625 min
Delta R.T.: -0.003 min
Response: 6670918
Conc: 38.77 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.407 min
Delta R.T.: -0.002 min
Response: 6856385
Conc: 40.84 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.808 min
Delta R.T.: 0.001 min
Response: 6875485
Conc: 41.81 ug/ml

Instrument :

FID_D

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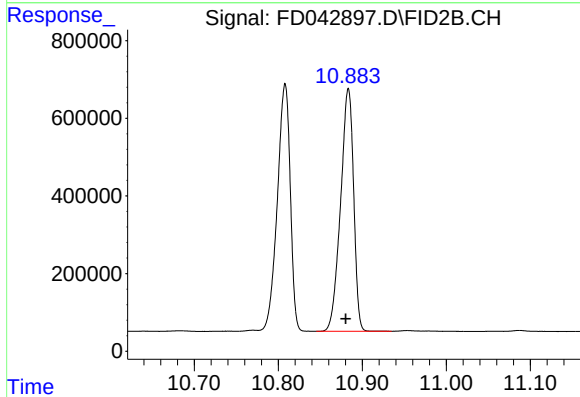
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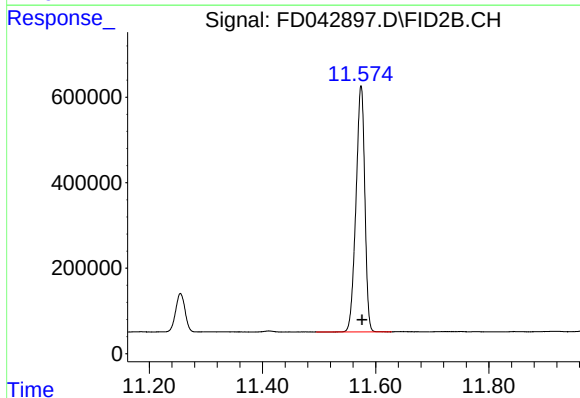
Reviewed By :Yogesh Patel 06/15/2022

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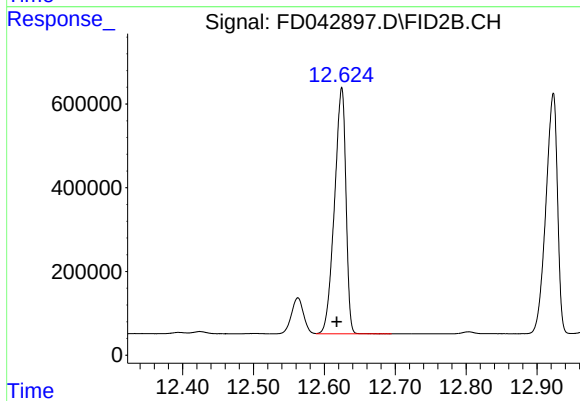
#10 Anthracene (C19.43)

R.T.: 10.883 min
Delta R.T.: 0.003 min
Response: 6744363
Conc: 44.13 ug/ml



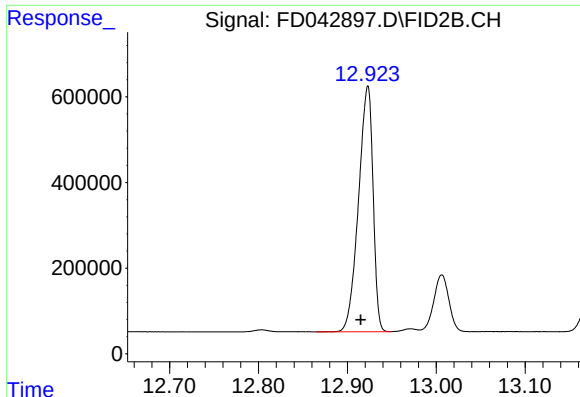
#11 ortho-Terphenyl (SURR)

R.T.: 11.574 min
Delta R.T.: -0.002 min
Response: 6226821
Conc: 35.08 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.624 min
Delta R.T.: 0.007 min
Response: 6597104
Conc: 41.87 ug/ml



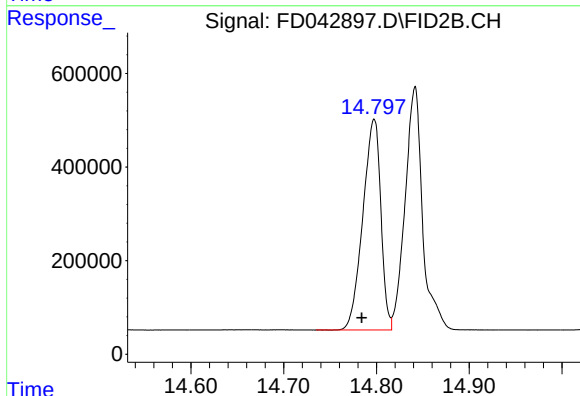
#13 Pyrene (C20.8)

R.T.: 12.922 min
Delta R.T.: 0.007 min
Response: 6529852
Conc: 41.94 ug/ml

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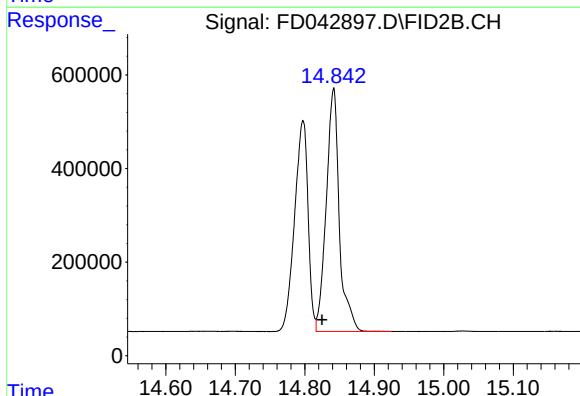
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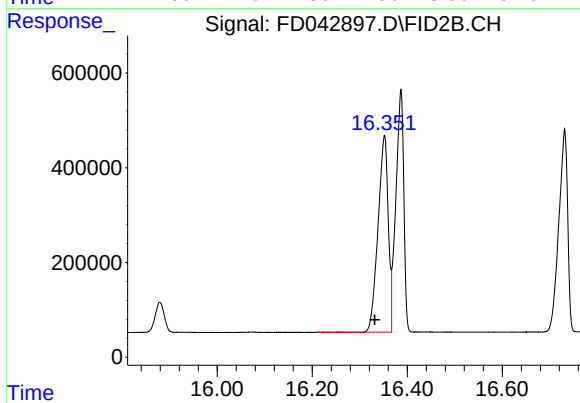
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.797 min
Delta R.T.: 0.013 min
Response: 6068283
Conc: 45.51 ug/ml



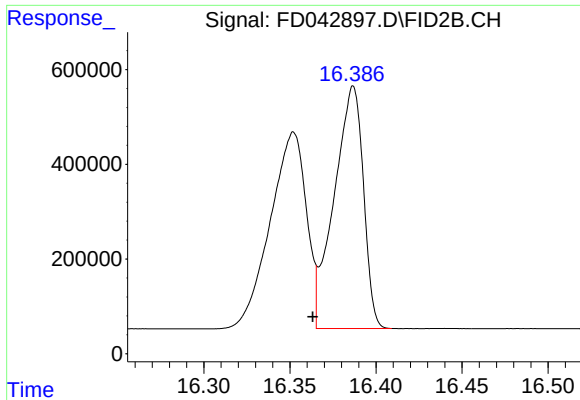
#15 Chrysene (C27.41)

R.T.: 14.841 min
Delta R.T.: 0.016 min
Response: 6815334
Conc: 51.59 ug/ml



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

R.T.: 16.352 min
Delta R.T.: 0.020 min
Response: 6198946
Conc: 46.53 ug/ml



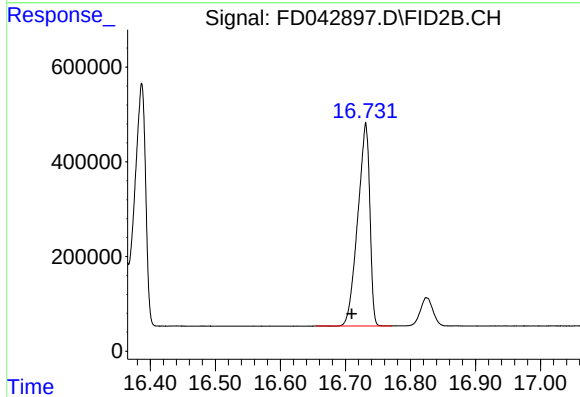
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.386 min
Delta R.T.: 0.023 min
Response: 6048523
Conc: 48.83 ug/ml

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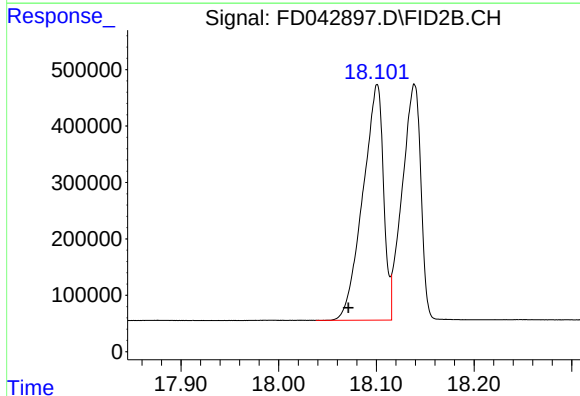
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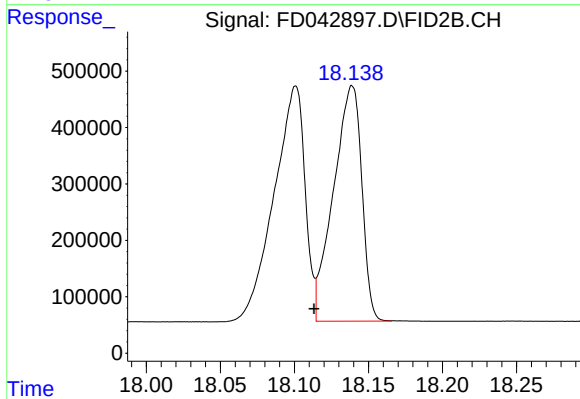
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.731 min
Delta R.T.: 0.021 min
Response: 5509325
Conc: 44.51 ug/ml



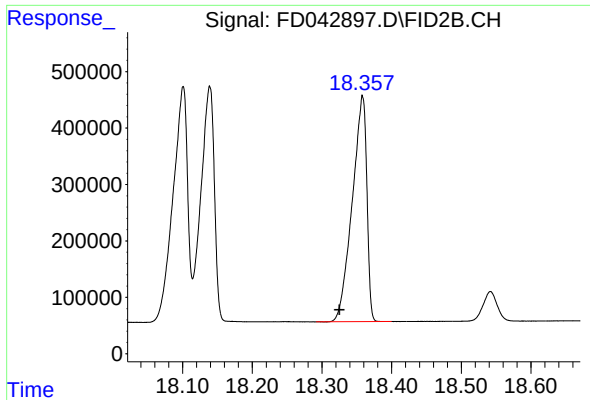
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.100 min
Delta R.T.: 0.029 min
Response: 6151601
Conc: 55.19 ug/ml



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

R.T.: 18.138 min
Delta R.T.: 0.025 min
Response: 5529490
Conc: 49.71 ug/ml m



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

R.T.: 18.358 min
Delta R.T.: 0.032 min
Response: 5813821
Conc: 48.91 ug/ml

Instrument :

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