

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061422AR\
 Data File : FD042898.D
 Signal(s) : FID2B.CH
 Acq On : 14 Jun 2022 18:27
 Operator : UA/NP
 Sample : PB145481BSD
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB145481BSD

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 01:48:35 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	6154484	40.275 ug/ml
Spiked Amount 50.000		Recovery =	80.55%
6) S 2-Fluorobiphenyl (SURR)	8.524	3713437	36.107 ug/mlm
Spiked Amount 50.000 Range 0 - 131		Recovery =	72.21%
11) S ortho-Terphenyl (SURR)	11.574	6181821	34.823 ug/ml
Spiked Amount 50.000		Recovery =	69.65%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.450	5123654	30.602 ug/ml
2) T Naphthalene (C11.7)	5.993	5929992	34.298 ug/ml
3) T 2-Methylnaphthalene (...)	7.048	6178648	38.745 ug/ml
5) T Acenaphthylene (C15.06)	8.328	6180260	35.771 ug/ml
7) T Acenaphthene (C15.5)	8.626	6646816	38.629 ug/ml
8) T Flouorene (C16.55)	9.408	6828132	40.672 ug/ml
9) T Phenanthrene (C19.36)	10.808	6847358	41.640 ug/ml
10) T Anthracene (C19.43)	10.884	6730200	44.034 ug/ml
12) T Fluoranthene (C21.85)	12.624	6580646	41.770 ug/ml
13) T Pyrene (C20.8)	12.922	6520884	41.884 ug/ml
14) T Benzo[a]anthracene (C...	14.797	6104266	45.782 ug/ml
15) T Chrysene (C27.41)	14.841	6847239	51.827 ug/ml
16) T benzo[b]fluoranthene ...	16.351	6264525	47.025 ug/ml
17) T Bnezo[k]fluoranthene ...	16.387	5949879	48.038 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.730	5557180	44.899 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.100	6191140	55.545 ug/ml
20) T Dibenz[a,h]anthracene...	18.139	5695682	51.204 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.357	5862344	49.323 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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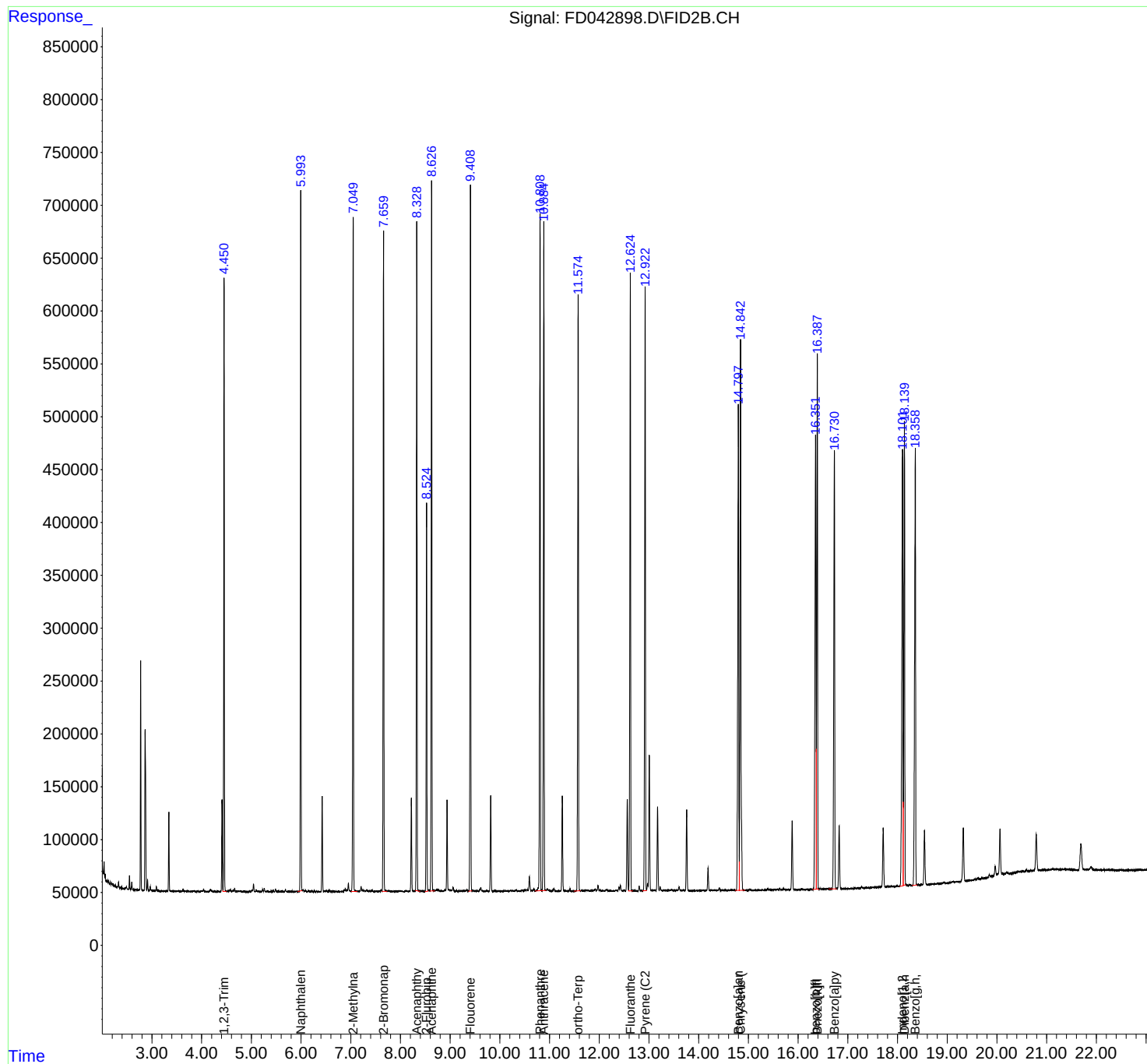
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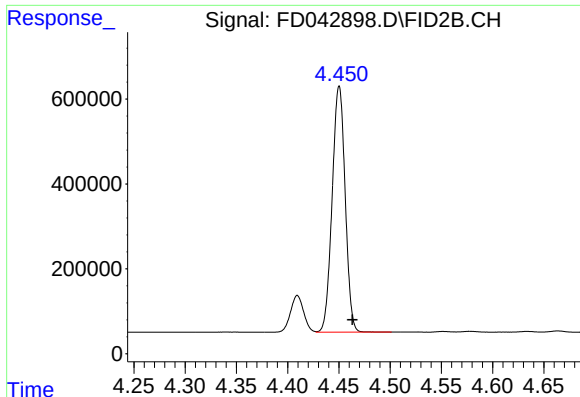
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#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.450 min
Delta R.T.: -0.013 min
Response: 5123654
Conc: 30.60 ug/ml

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FID_D

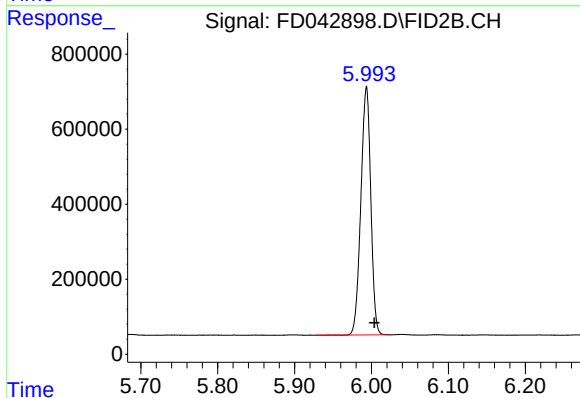
ClientSampleId :

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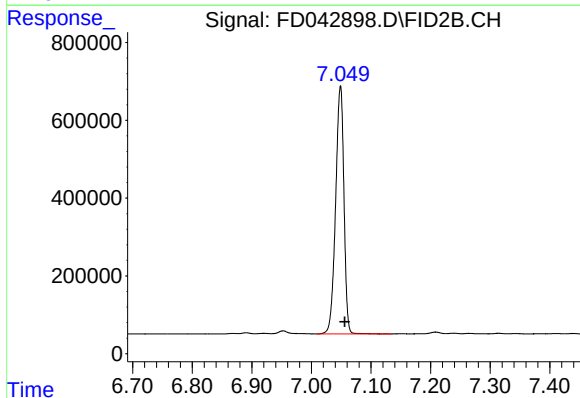
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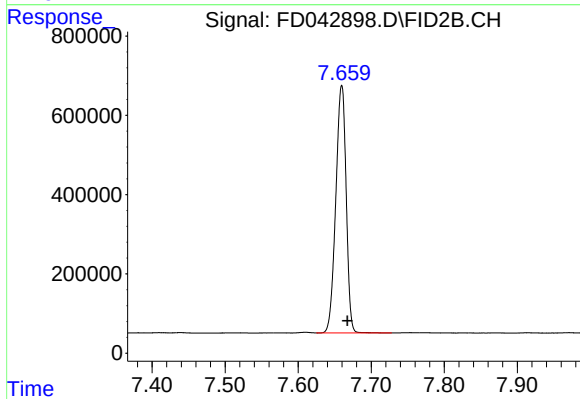
#2 Naphthalene (C11.7)

R.T.: 5.993 min
Delta R.T.: -0.011 min
Response: 5929992
Conc: 34.30 ug/ml



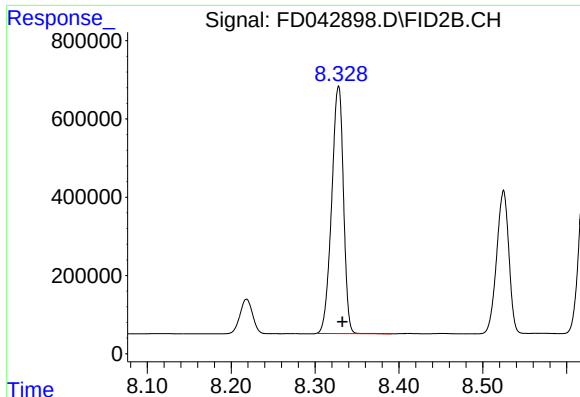
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.048 min
Delta R.T.: -0.007 min
Response: 6178648
Conc: 38.75 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.659 min
Delta R.T.: -0.008 min
Response: 6154484
Conc: 40.28 ug/ml



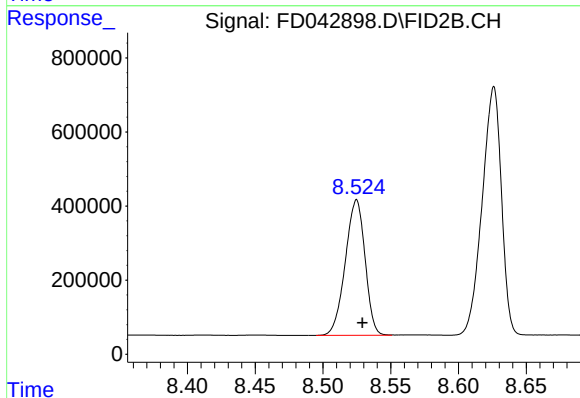
#5 Acenaphthylene (C15.06)

R.T.: 8.328 min
Delta R.T.: -0.005 min
Response: 6180260
Conc: 35.77 ug/ml

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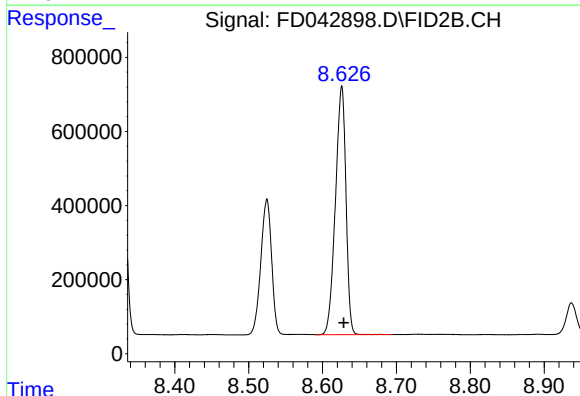
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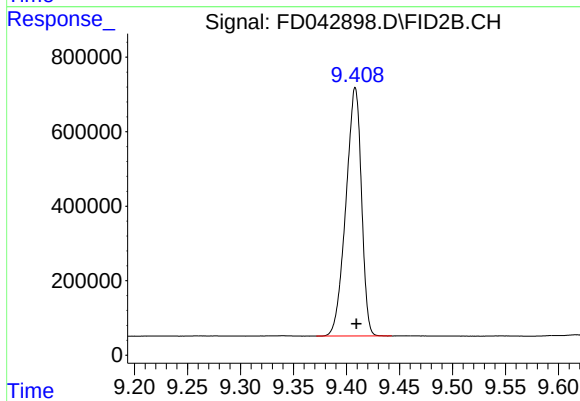
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.524 min
Delta R.T.: -0.005 min
Response: 3713437
Conc: 36.11 ug/ml m



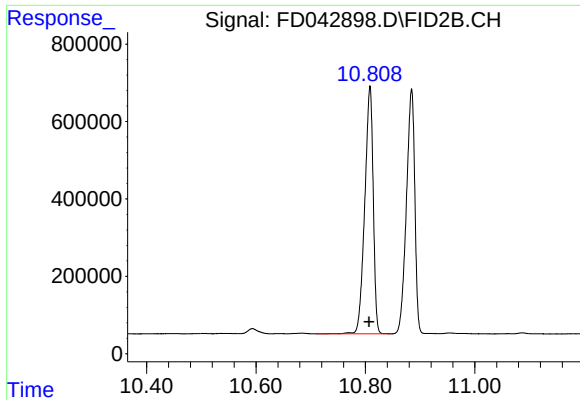
#7 Acenaphthene (C15.5)

R.T.: 8.626 min
Delta R.T.: -0.003 min
Response: 6646816
Conc: 38.63 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.408 min
Delta R.T.: -0.001 min
Response: 6828132
Conc: 40.67 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.808 min
Delta R.T.: 0.001 min
Response: 6847358
Conc: 41.64 ug/ml

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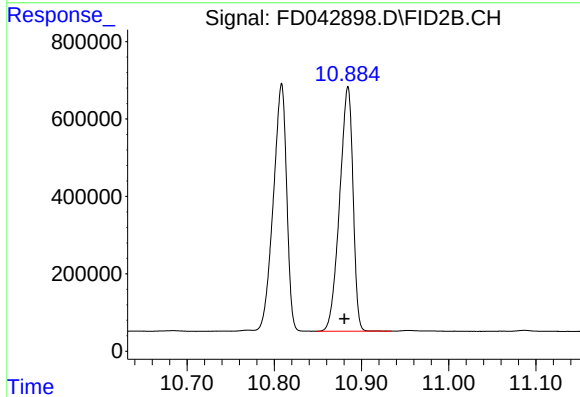
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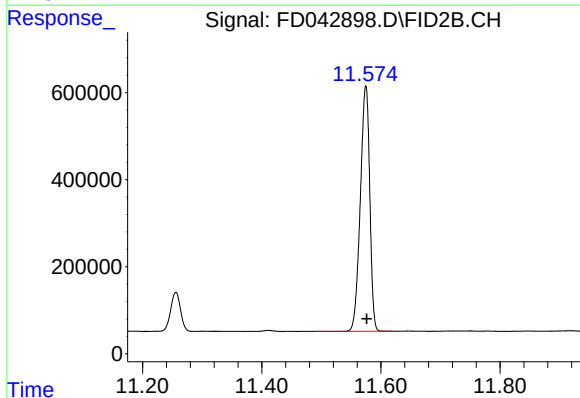
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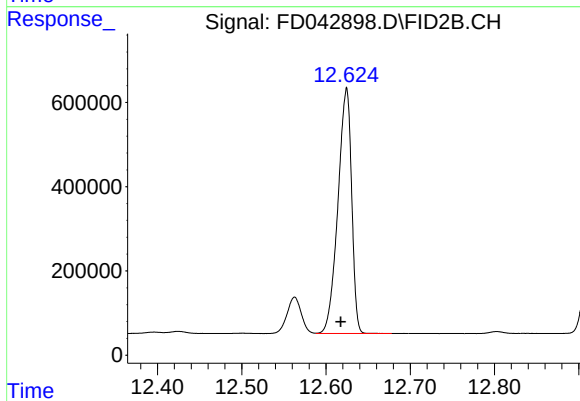
#10 Anthracene (C19.43)

R.T.: 10.884 min
Delta R.T.: 0.004 min
Response: 6730200
Conc: 44.03 ug/ml



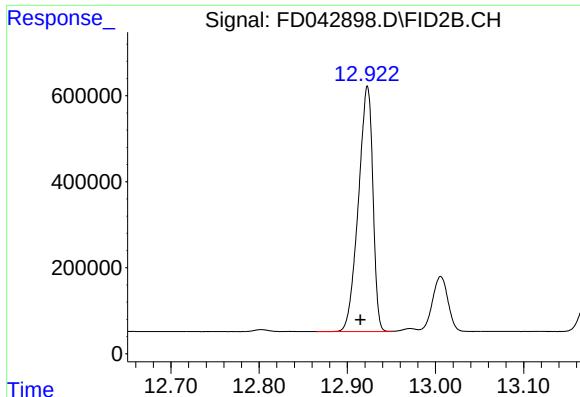
#11 ortho-Terphenyl (SURR)

R.T.: 11.574 min
Delta R.T.: -0.002 min
Response: 6181821
Conc: 34.82 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.624 min
Delta R.T.: 0.006 min
Response: 6580646
Conc: 41.77 ug/ml



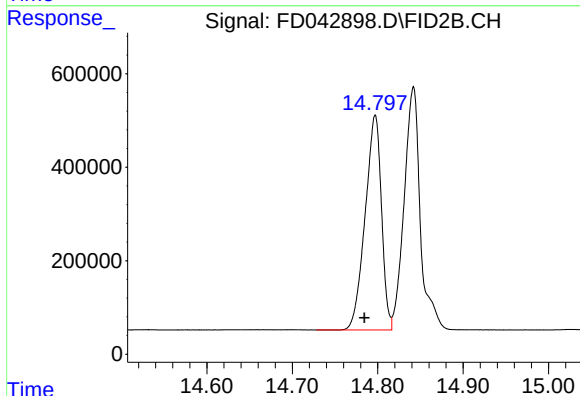
#13 Pyrene (C20.8)

R.T.: 12.922 min
Delta R.T.: 0.007 min
Response: 6520884
Conc: 41.88 ug/ml

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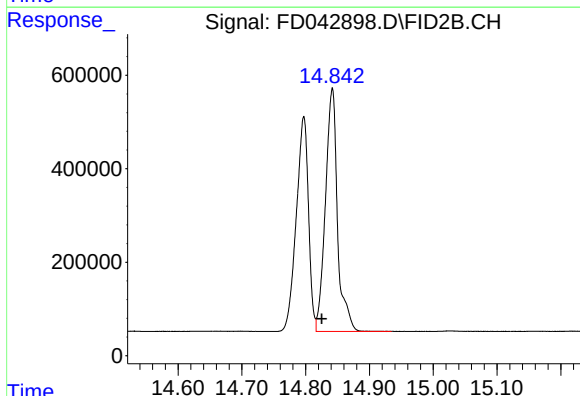
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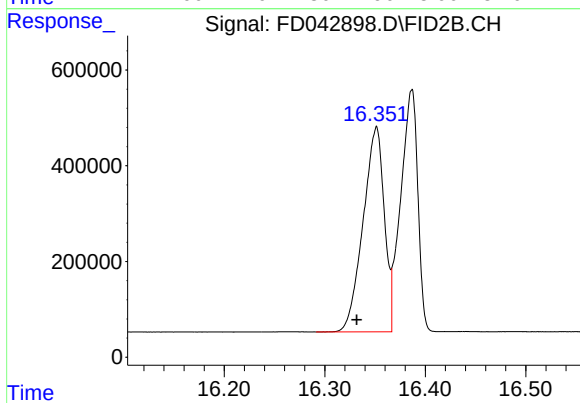
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.797 min
Delta R.T.: 0.012 min
Response: 6104266
Conc: 45.78 ug/ml



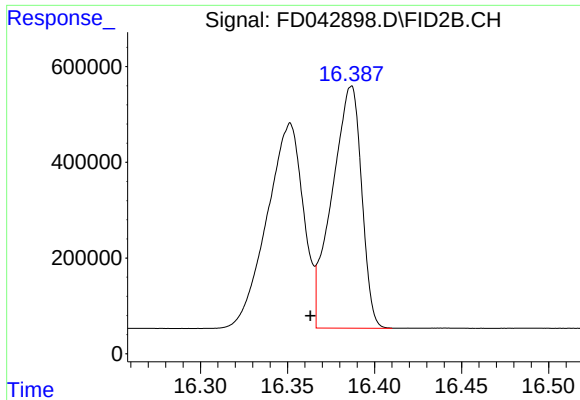
#15 Chrysene (C27.41)

R.T.: 14.841 min
Delta R.T.: 0.016 min
Response: 6847239
Conc: 51.83 ug/ml



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

R.T.: 16.351 min
Delta R.T.: 0.019 min
Response: 6264525
Conc: 47.03 ug/ml



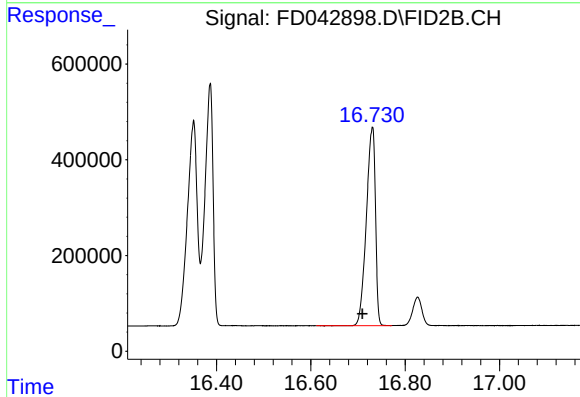
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.387 min
Delta R.T.: 0.024 min
Response: 5949879
Conc: 48.04 ug/ml

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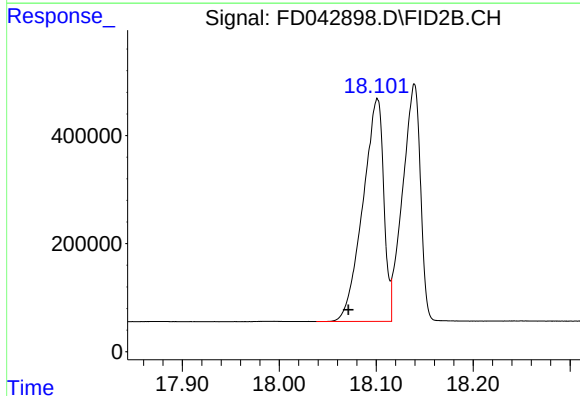
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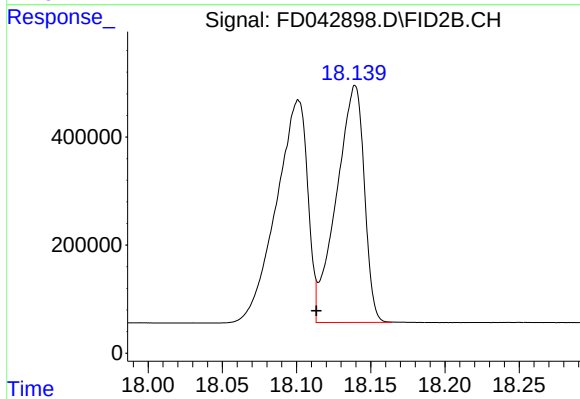
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.730 min
Delta R.T.: 0.020 min
Response: 5557180
Conc: 44.90 ug/ml



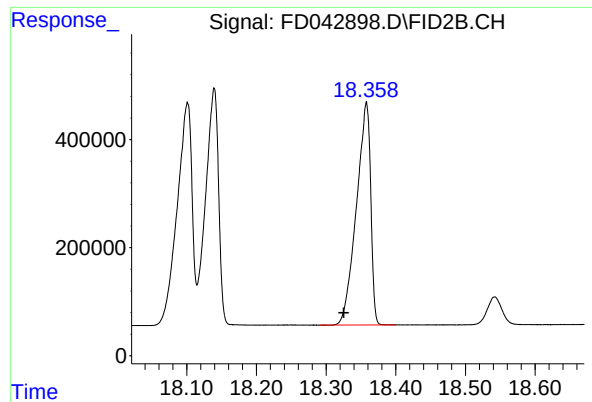
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.100 min
Delta R.T.: 0.029 min
Response: 6191140
Conc: 55.54 ug/ml



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

R.T.: 18.139 min
Delta R.T.: 0.026 min
Response: 5695682
Conc: 51.20 ug/ml m



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

R.T.: 18.357 min
Delta R.T.: 0.032 min
Response: 5862344
Conc: 49.32 ug/ml

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