

Data Path : P:\HPCHEM1\FID_D\Data\FD030518AR\
 Data File : FD022350.D
 Signal(s) : FID2B.CH
 Acq On : 06 Mar 2018 2:58
 Operator : UA/AJ
 Sample : J1722-19MS
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleID :

Manual Integrations
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Integration File: autoint1.e
 Quant Time: Mar 06 05:53:23 2018
 Quant Method : P:\HPCHEM1\FID_D\methods\Aromatic EPH 022018.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 21 04:46:02 2018
 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...	7.336	6603294	78.820 ug/ml
Spiked Amount 50.000		Recovery =	157.64%
6) S 2-Fluorobiphenyl (SURR)	8.192	4519446	89.392 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	178.78%#
11) S ortho-Terphenyl (SURR)	11.222	4675589	49.268 ug/ml
Spiked Amount 50.000		Recovery =	98.54%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.144	3873554	43.864 ug/mlm
2) T Naphthalene (C11.7)	5.672	4601025	51.435 ug/ml
3) T 2-Methylnaphthalene (...)	6.723	4927831	54.259 ug/ml
5) T Acenaphthylene (C15.06)	7.992	4792628	50.043 ug/ml
7) T Acenaphthene (C15.5)	8.286	5225611	51.012 ug/ml
8) T Flouorene (C16.55)	9.067	5146586	54.888 ug/ml
9) T Phenanthrene (C19.36)	10.461	6550495	70.306 ug/ml
10) T Anthracene (C19.43)	10.537	5646293	59.543 ug/ml
12) T Fluoranthene (C21.85)	12.274	7425774	74.032 ug/ml
13) T Pyrene (C20.8)	12.568	7080902	69.696 ug/ml
14) T Benzo[a]anthracene (C...	14.446	6349769	65.848 ug/ml
15) T Chrysene (C27.41)	14.488	6831230	63.293 ug/ml
16) T benzo[b]fluoranthene ...	16.007	6570204	65.355 ug/ml
17) T Bnezo[k]fluoranthene ...	16.037	5745734	50.634 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.387	6199278	58.989 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.766	4925626	51.700 ug/ml
20) T Dibenz[a,h]anthracene...	17.793	5545669	48.802 ug/ml
21) T Benzo[g,h,i]perylene ...	18.018	4862935	46.821 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 69 Sample Multiplier: 1

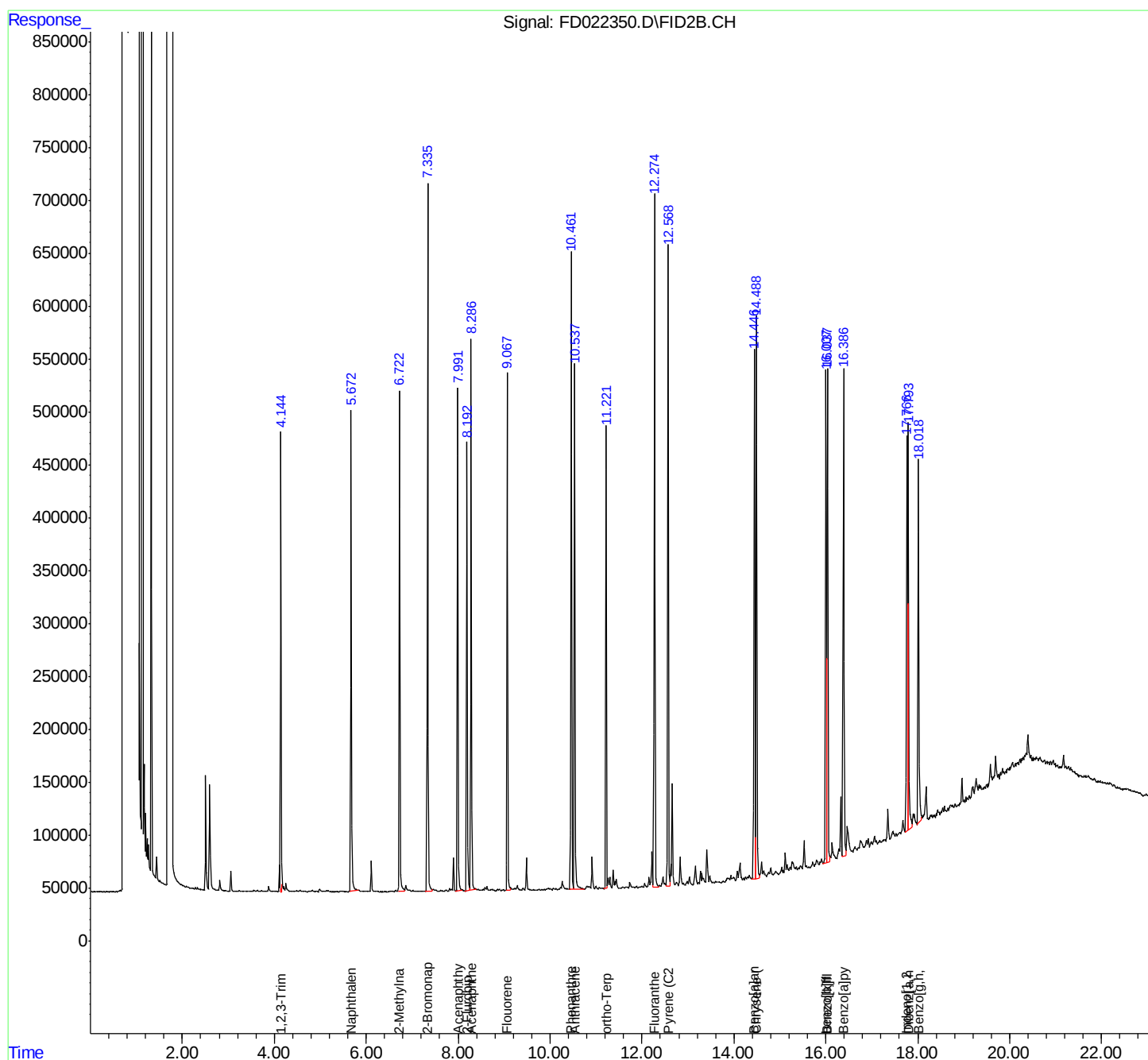
Instrument :
FID_D
ClientSampled :

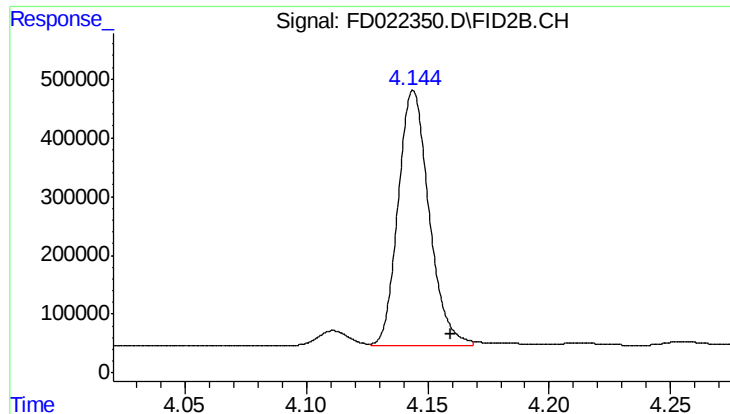
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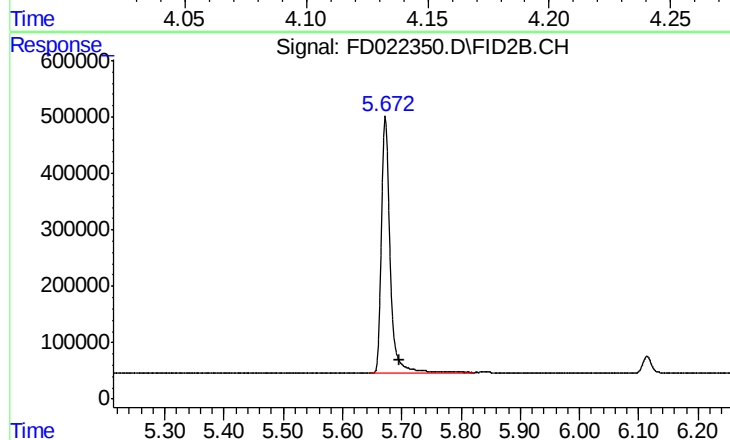
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.144 min
Delta R.T.: -0.016 min
Response: 3873554
Conc: 43.86 ug/ml

Instrument :
FID_D
ClientSampleId :

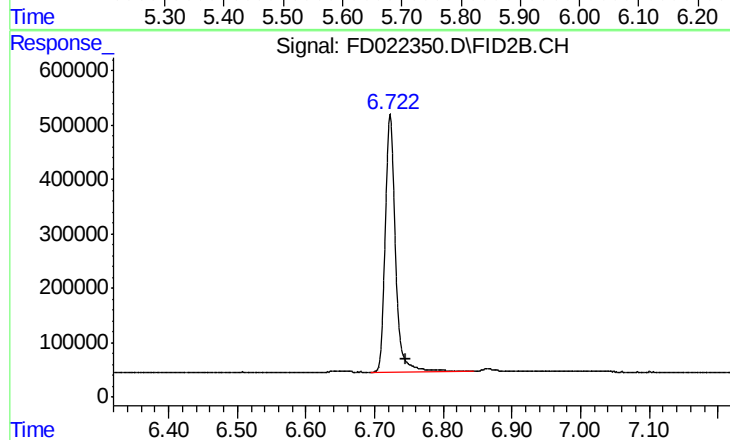
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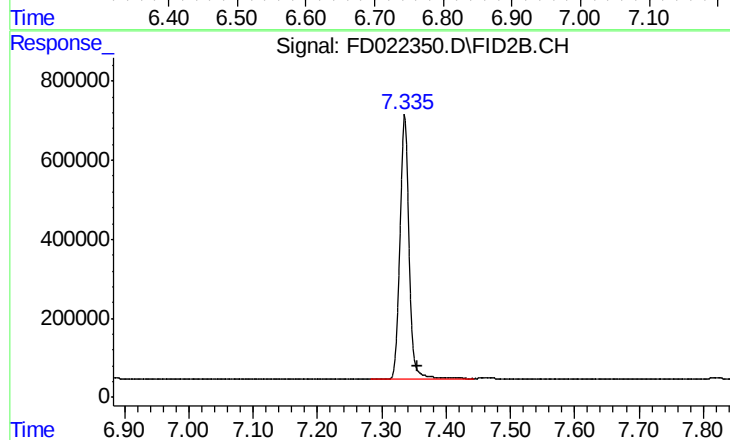
#2 Naphthalene (C11.7)

R.T.: 5.672 min
Delta R.T.: -0.024 min
Response: 4601025
Conc: 51.44 ug/ml



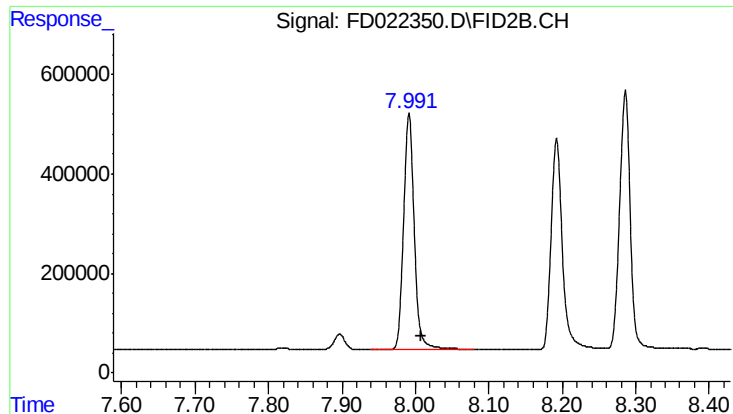
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.723 min
Delta R.T.: -0.023 min
Response: 4927831
Conc: 54.26 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.336 min
Delta R.T.: -0.020 min
Response: 6603294
Conc: 78.82 ug/ml



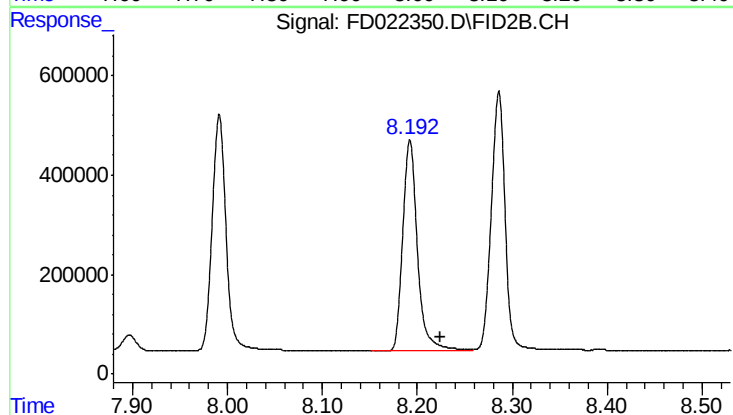
#5 Acenaphthylene (C15.06)

R.T.: 7.992 min
Delta R.T.: -0.017 min
Response: 4792628
Conc: 50.04 ug/ml

Instrument :
FID_D
ClientSampleId :

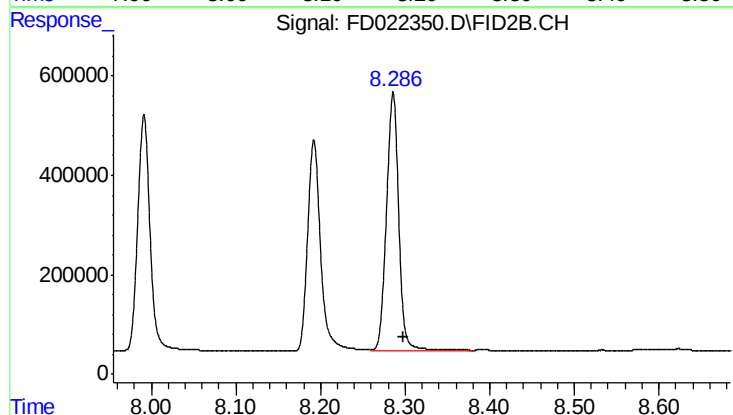
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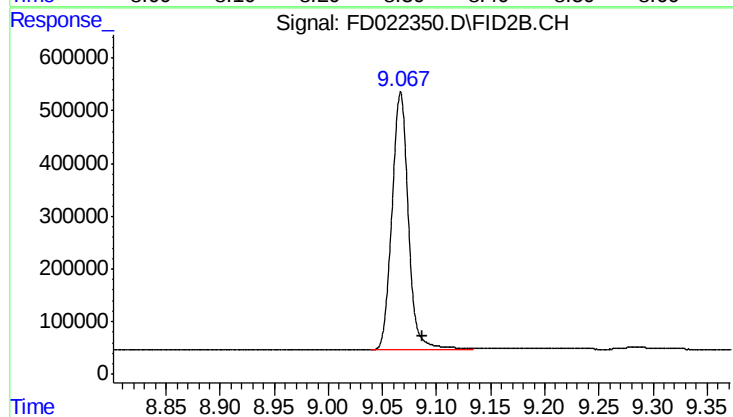
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.192 min
Delta R.T.: -0.032 min
Response: 4519446
Conc: 89.39 ug/ml



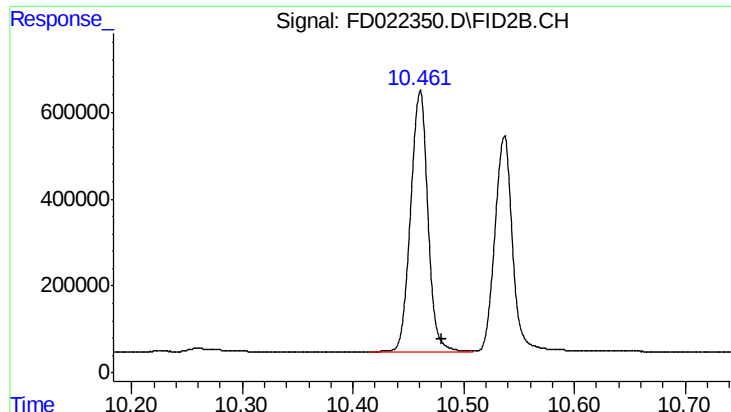
#7 Acenaphthene (C15.5)

R.T.: 8.286 min
Delta R.T.: -0.013 min
Response: 5225611
Conc: 51.01 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.067 min
Delta R.T.: -0.020 min
Response: 5146586
Conc: 54.89 ug/ml



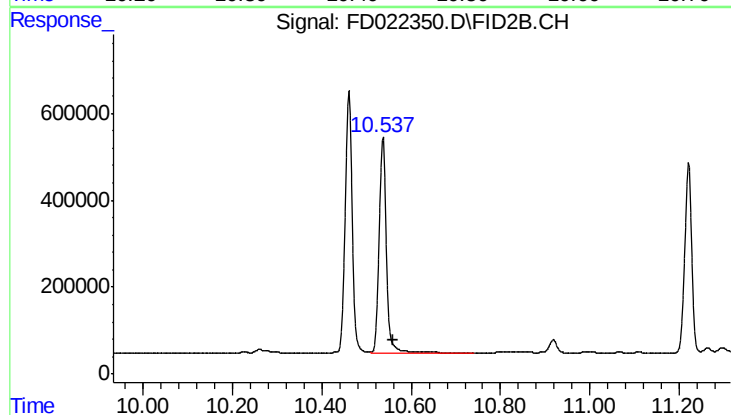
#9 Phenanthrene (C19.36)

R.T.: 10.461 min
Delta R.T.: -0.019 min
Response: 6550495
Conc: 70.31 ug/ml

Instrument :
FID_D
ClientSampleId :

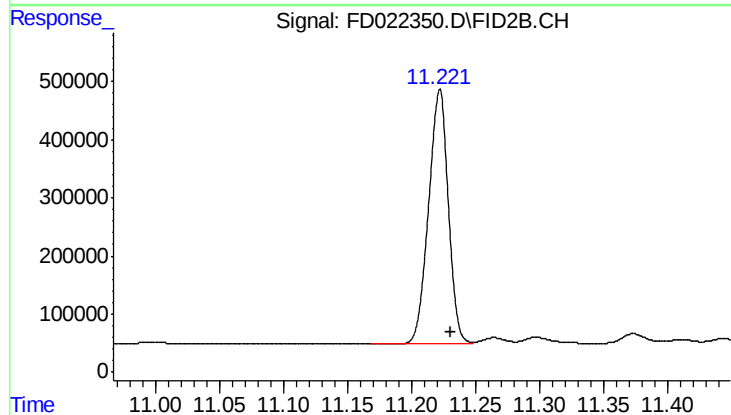
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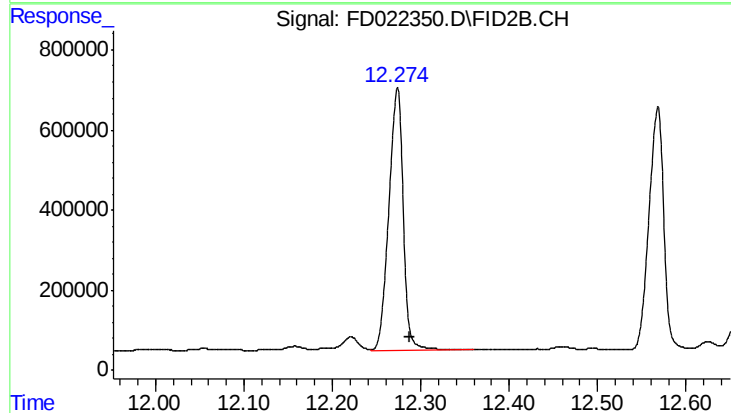
#10 Anthracene (C19.43)

R.T.: 10.537 min
Delta R.T.: -0.022 min
Response: 5646293
Conc: 59.54 ug/ml



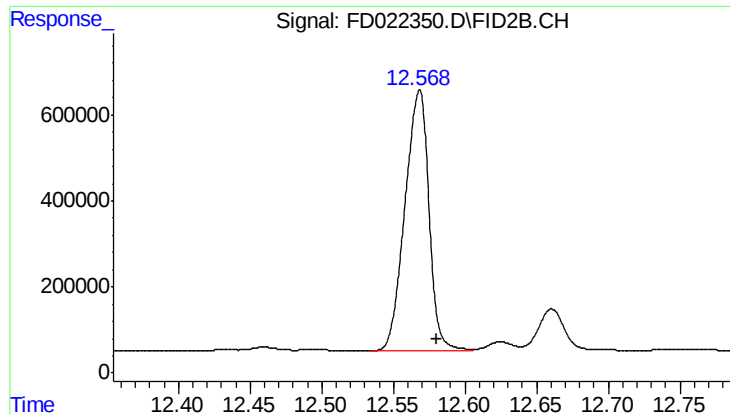
#11 ortho-Terphenyl (SURRE)

R.T.: 11.222 min
Delta R.T.: -0.009 min
Response: 4675589
Conc: 49.27 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.274 min
Delta R.T.: -0.014 min
Response: 7425774
Conc: 74.03 ug/ml



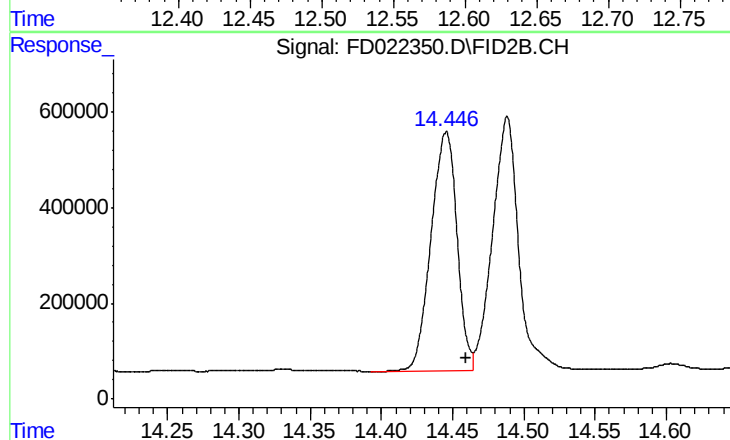
#13 Pyrene (C20.8)

R.T.: 12.568 min
Delta R.T.: -0.012 min
Response: 7080902
Conc: 69.70 ug/ml

Instrument :
FID_D
ClientSampleId :

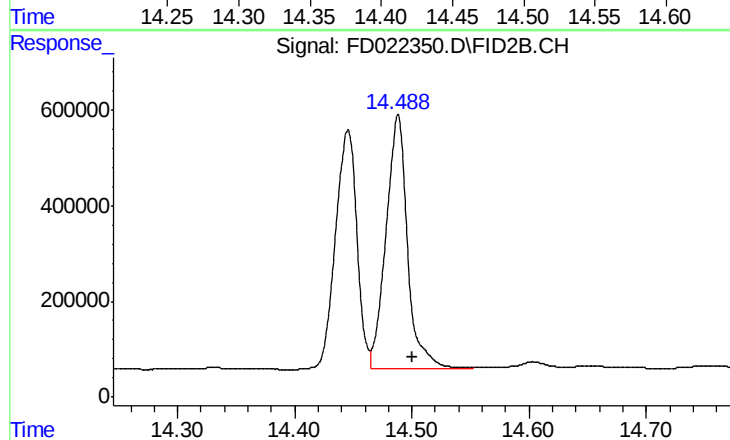
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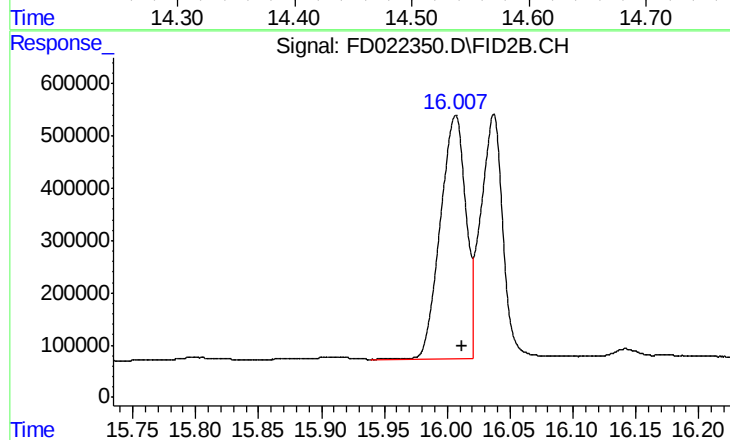
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.446 min
Delta R.T.: -0.014 min
Response: 6349769
Conc: 65.85 ug/ml



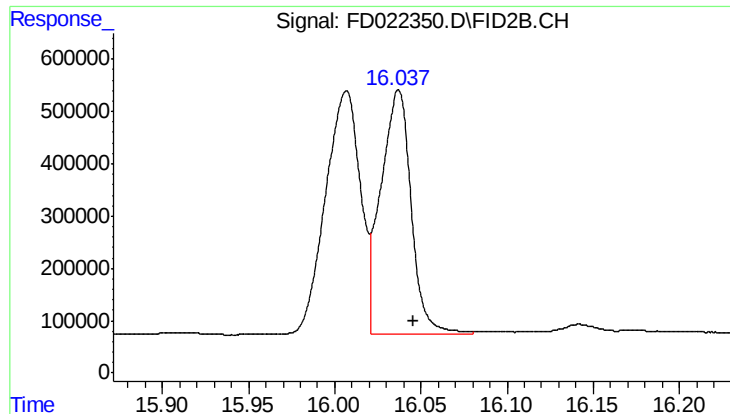
#15 Chrysene (C27.41)

R.T.: 14.488 min
Delta R.T.: -0.012 min
Response: 6831230
Conc: 63.29 ug/ml



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

R.T.: 16.007 min
Delta R.T.: -0.005 min
Response: 6570204
Conc: 65.36 ug/ml



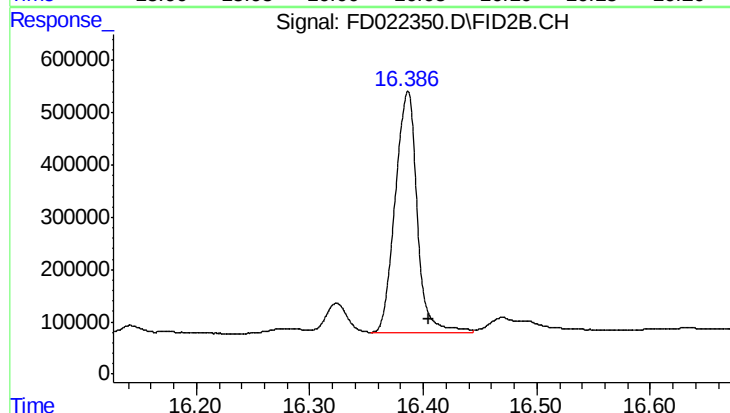
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.037 min
Delta R.T.: -0.009 min
Response: 5745734
Conc: 50.63 ug/ml

Instrument :
FID_D
ClientSampleId :

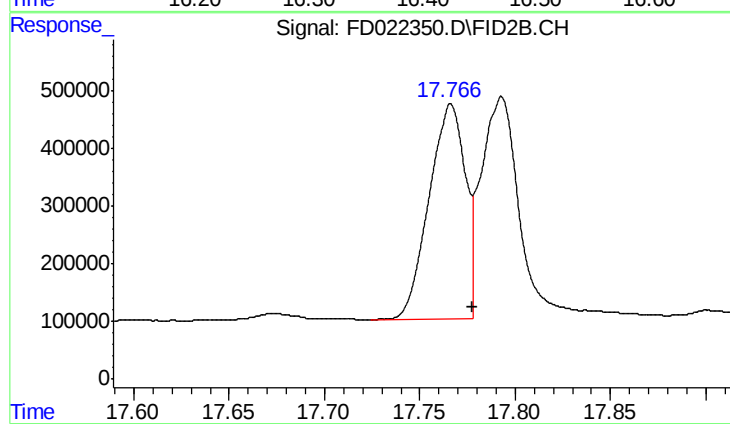
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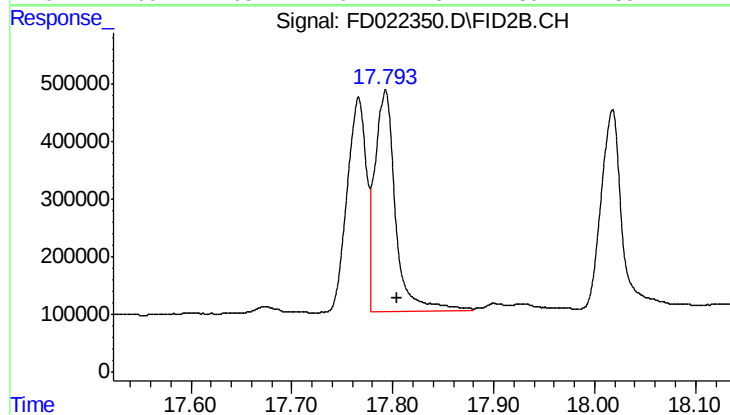
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.387 min
Delta R.T.: -0.018 min
Response: 6199278
Conc: 58.99 ug/ml



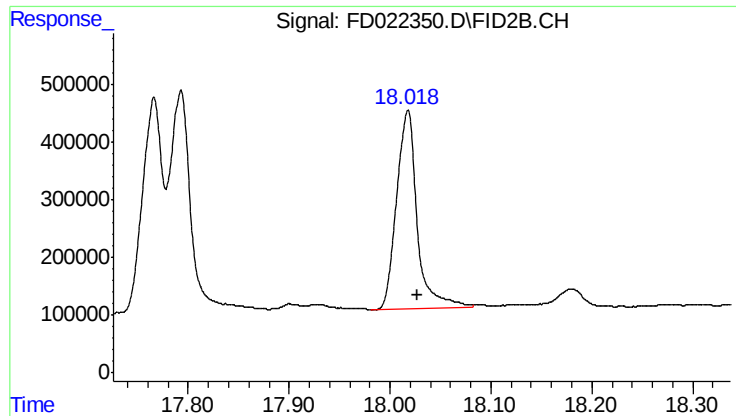
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.766 min
Delta R.T.: -0.011 min
Response: 4925626
Conc: 51.70 ug/ml



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

R.T.: 17.793 min
Delta R.T.: -0.012 min
Response: 5545669
Conc: 48.80 ug/ml



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

R.T.: 18.018 min
Delta R.T.: -0.010 min
Response: 4862935
Conc: 46.82 ug/ml

Instrument :
FID_D
ClientSampleId :

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