

Data Path : P:\HPCHEM1\FID_D\Data\FD030518AR\
 Data File : FD022384.D
 Signal(s) : FID2B.CH
 Acq On : 07 Mar 2018 1:38
 Operator : UA/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleID :

Manual Integrations
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 3/9/2018 10:56:45 AM

Integration File: autoint1.e
 Quant Time: Mar 07 03:37:28 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...	7.335	1781115	21.260 ug/ml
Spiked Amount 50.000		Recovery =	42.52%
6) S 2-Fluorobiphenyl (SURR)	8.194	1127143	22.294 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	44.59%
11) S ortho-Terphenyl (SURR)	11.218	2095547	22.081 ug/ml
Spiked Amount 50.000		Recovery =	44.16%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.142	1981849	22.442 ug/mlm
2) T Naphthalene (C11.7)	5.673	1970670	22.030 ug/ml
3) T 2-Methylnaphthalene (...)	6.723	1942646	21.390 ug/ml
5) T Acenaphthylene (C15.06)	7.991	2012488	21.014 ug/ml
7) T Acenaphthene (C15.5)	8.283	2136438	20.856 ug/ml
8) T Flouorene (C16.55)	9.065	2030518	21.655 ug/ml
9) T Phenanthrene (C19.36)	10.458	2097398	22.511 ug/ml
10) T Anthracene (C19.43)	10.533	2106240	22.211 ug/ml
12) T Fluoranthene (C21.85)	12.267	2241586	22.348 ug/ml
13) T Pyrene (C20.8)	12.562	2231402	21.963 ug/ml
14) T Benzo[a]anthracene (C...	14.439	2124663	22.033 ug/ml
15) T Chrysene (C27.41)	14.480	2271117	21.043 ug/ml
16) T benzo[b]fluoranthene ...	15.995	2203053	21.914 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.026	2326407	20.502 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.377	2146443	20.425 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.758	1625445	17.061 ug/mlm
20) T Dibenz[a,h]anthracene...	17.785	2472032	21.754 ug/ml
21) T Benzo[g,h,i]perylene ...	18.008	1825591	17.577 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 52 Sample Multiplier: 1

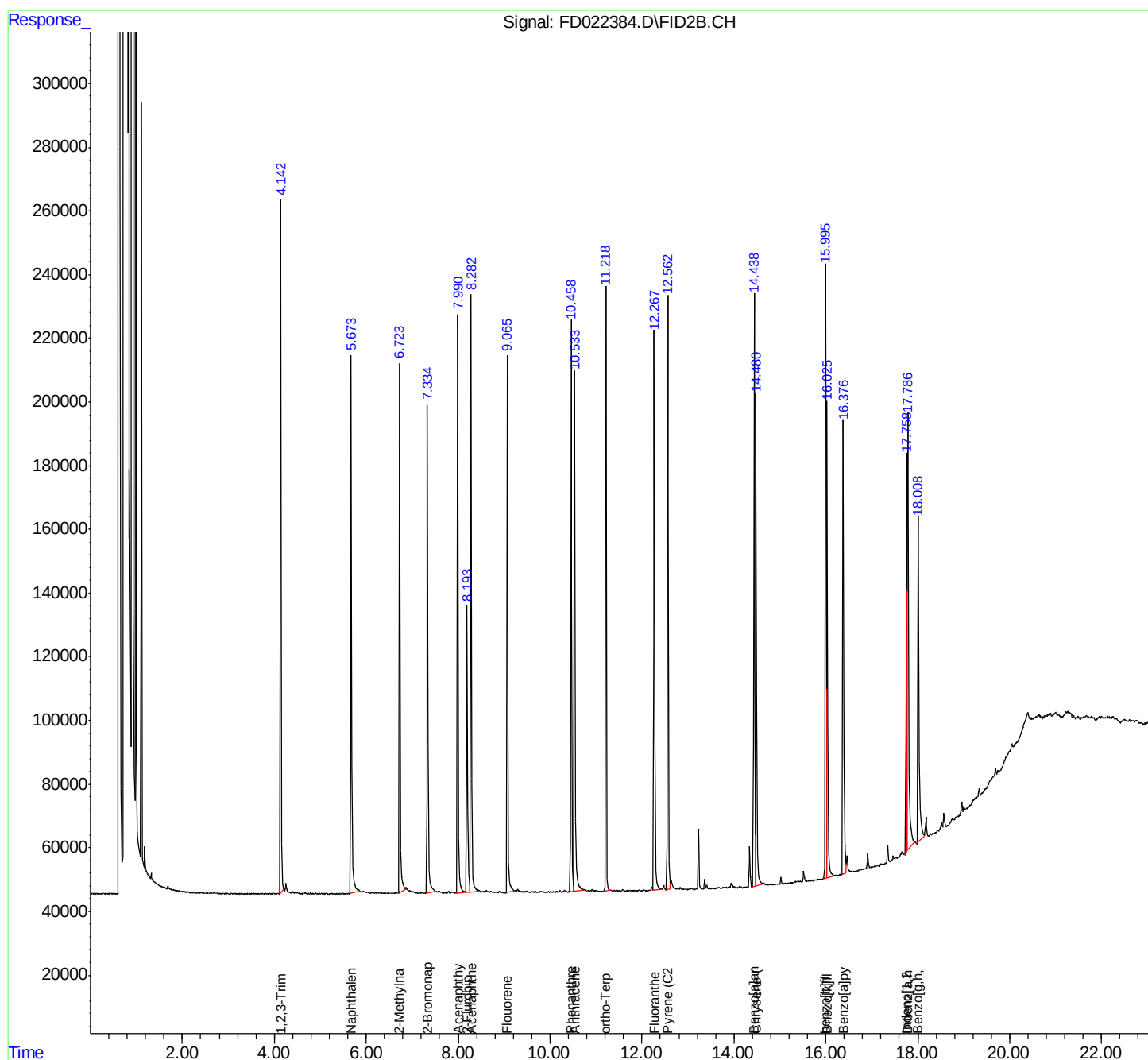
Instrument :
FID_D
ClientSampled :

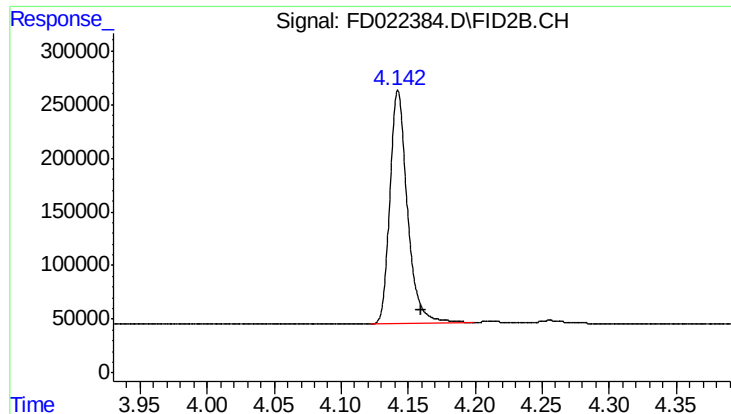
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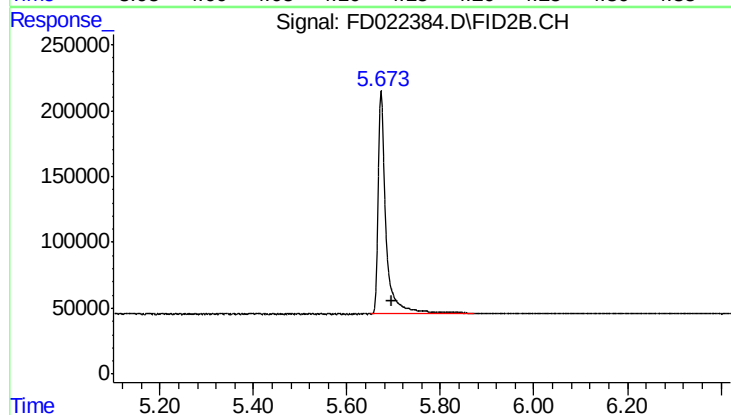
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.142 min
Delta R.T.: -0.018 min
Response: 1981849
Conc: 22.44 ug/ml

Instrument :
FID_D
ClientSampleId :

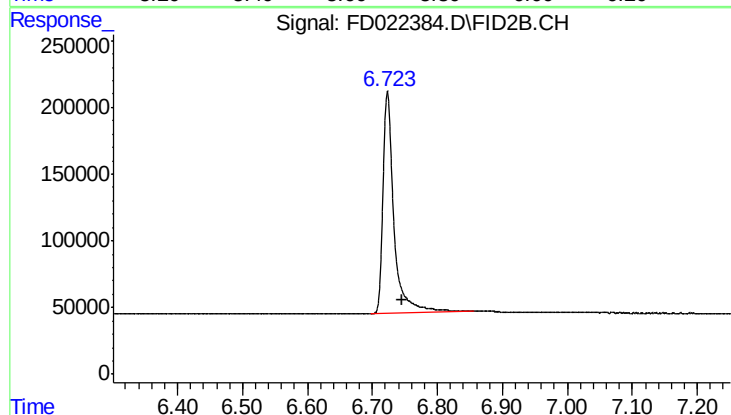
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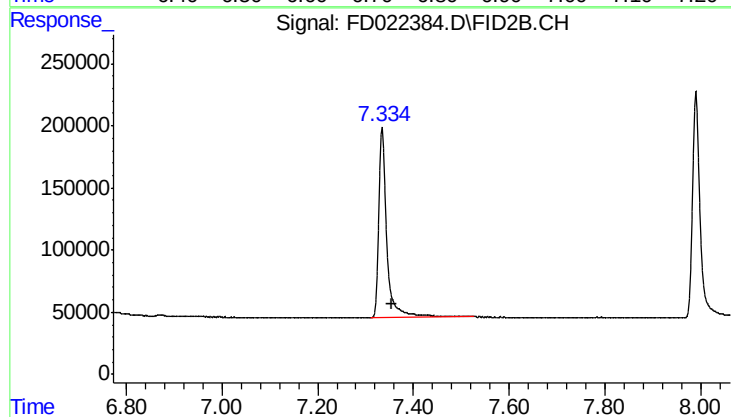
#2 Naphthalene (C11.7)

R.T.: 5.673 min
Delta R.T.: -0.023 min
Response: 1970670
Conc: 22.03 ug/ml



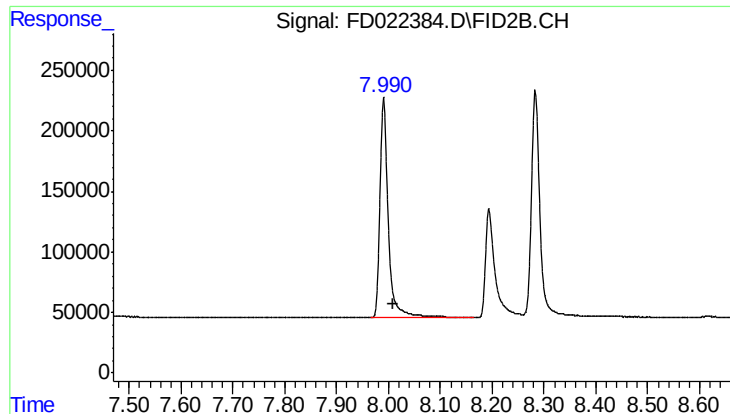
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.723 min
Delta R.T.: -0.022 min
Response: 1942646
Conc: 21.39 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.335 min
Delta R.T.: -0.021 min
Response: 1781115
Conc: 21.26 ug/ml



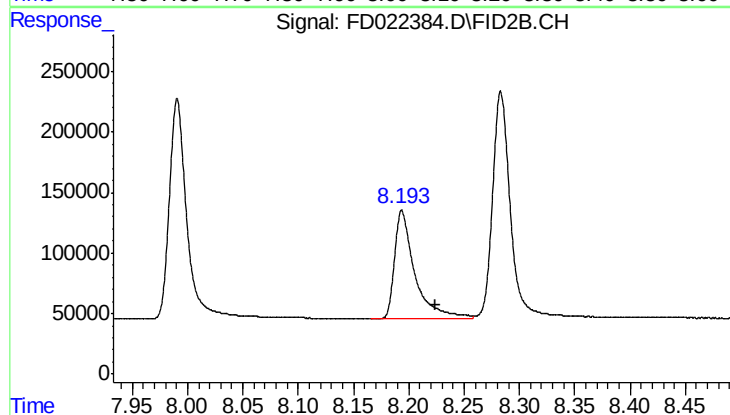
#5 Acenaphthylene (C15.06)

R.T.: 7.991 min
Delta R.T.: -0.018 min
Response: 2012488
Conc: 21.01 ug/ml

Instrument :
FID_D
ClientSampleId :

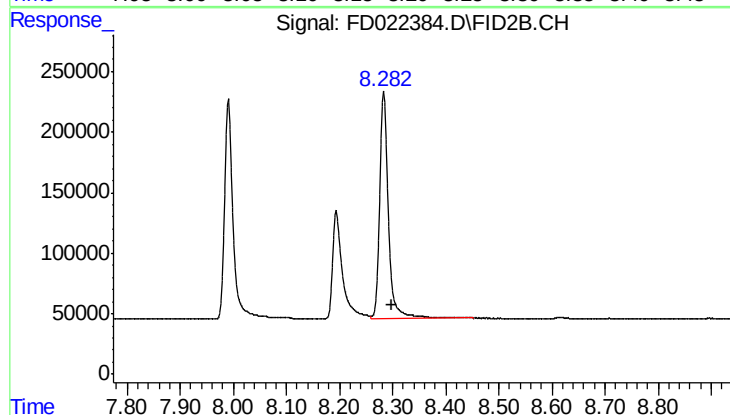
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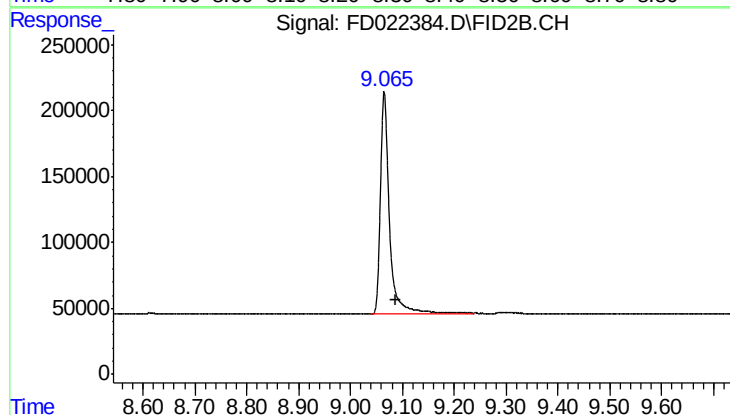
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.194 min
Delta R.T.: -0.031 min
Response: 1127143
Conc: 22.29 ug/ml



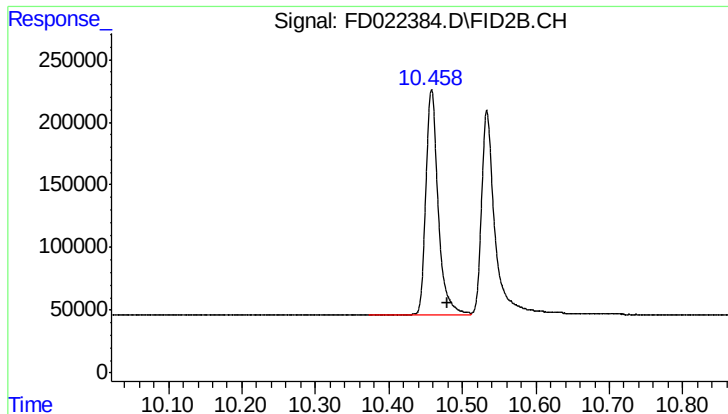
#7 Acenaphthene (C15.5)

R.T.: 8.283 min
Delta R.T.: -0.015 min
Response: 2136438
Conc: 20.86 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.065 min
Delta R.T.: -0.021 min
Response: 2030518
Conc: 21.66 ug/ml



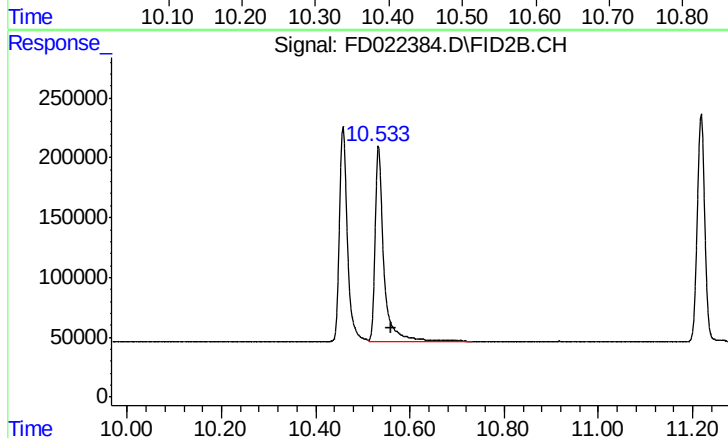
#9 Phenanthrene (C19.36)

R.T.: 10.458 min
Delta R.T.: -0.022 min
Response: 2097398
Conc: 22.51 ug/ml

Instrument :
FID_D
ClientSampleId :

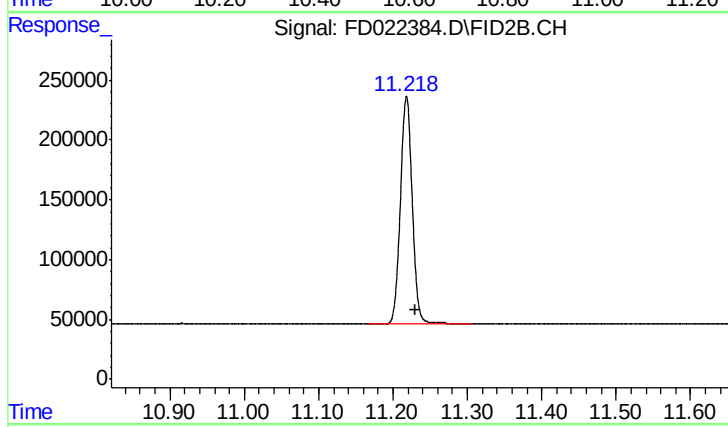
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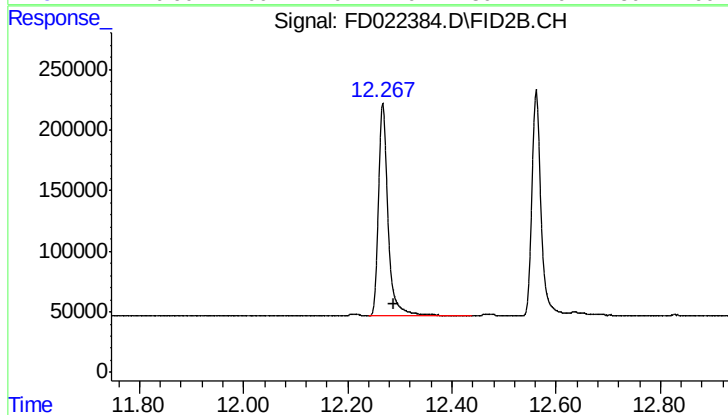
#10 Anthracene (C19.43)

R.T.: 10.533 min
Delta R.T.: -0.026 min
Response: 2106240
Conc: 22.21 ug/ml



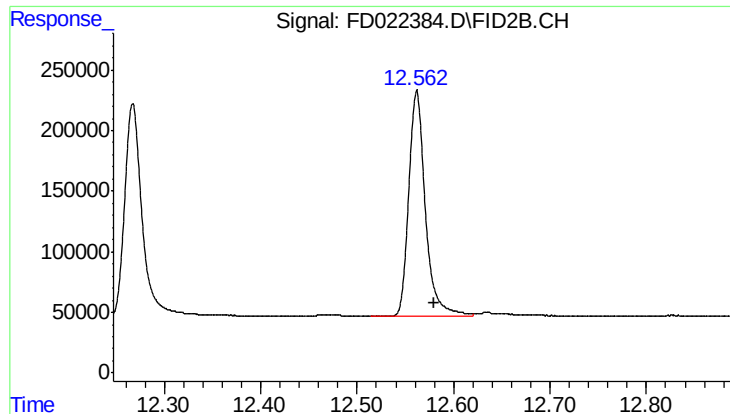
#11 ortho-Terphenyl (SURRE)

R.T.: 11.218 min
Delta R.T.: -0.012 min
Response: 2095547
Conc: 22.08 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.267 min
Delta R.T.: -0.020 min
Response: 2241586
Conc: 22.35 ug/ml



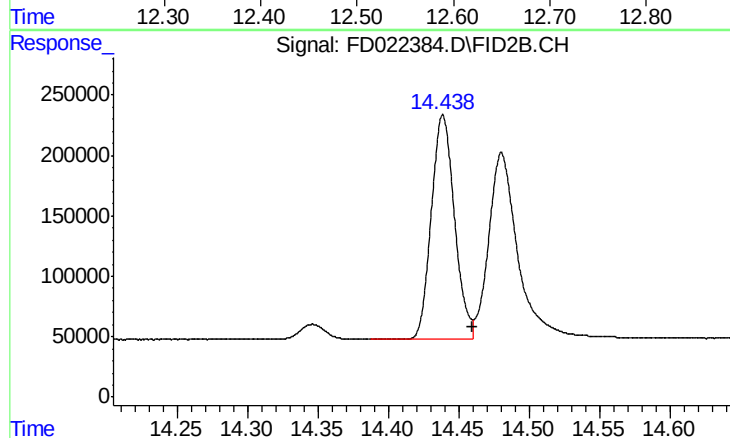
#13 Pyrene (C20.8)

R.T.: 12.562 min
Delta R.T.: -0.018 min
Response: 2231402
Conc: 21.96 ug/ml

Instrument :
FID_D
ClientSampleId :

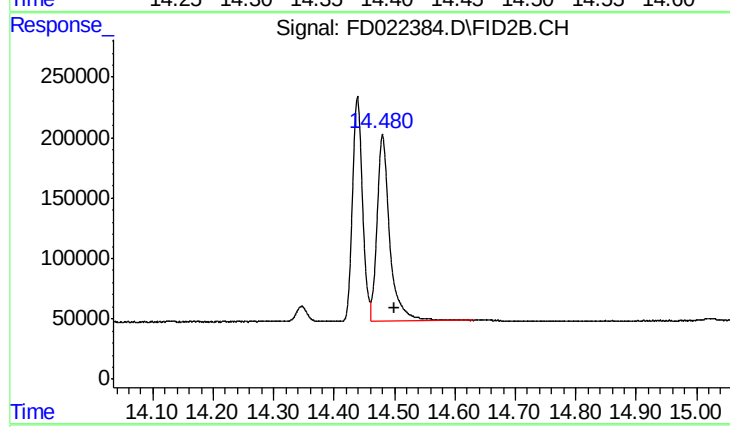
Manual Integrations
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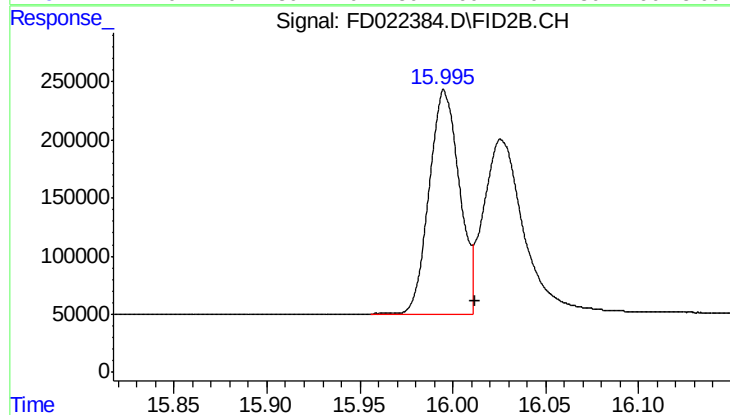
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.439 min
Delta R.T.: -0.020 min
Response: 2124663
Conc: 22.03 ug/ml



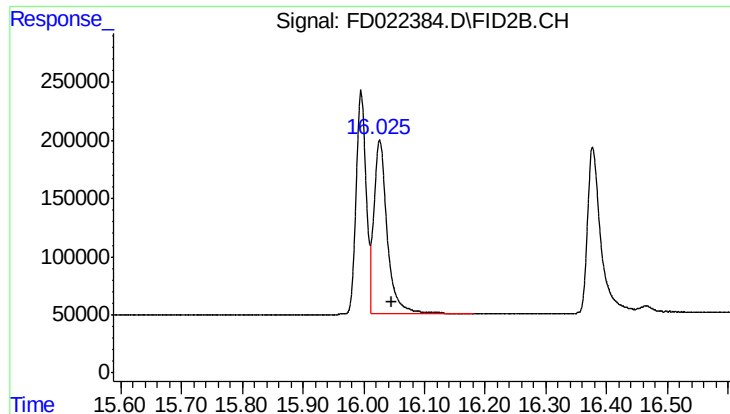
#15 Chrysene (C27.41)

R.T.: 14.480 min
Delta R.T.: -0.020 min
Response: 2271117
Conc: 21.04 ug/ml



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

R.T.: 15.995 min
Delta R.T.: -0.017 min
Response: 2203053
Conc: 21.91 ug/ml m



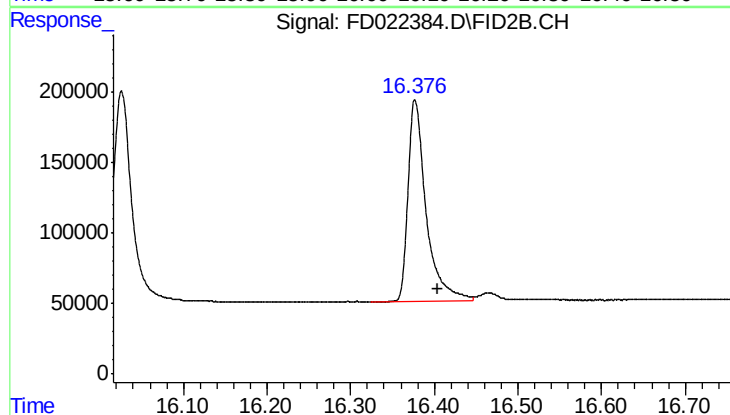
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.026 min
Delta R.T.: -0.020 min
Response: 2326407
Conc: 20.50 ug/ml

Instrument :
FID_D
ClientSampleId :

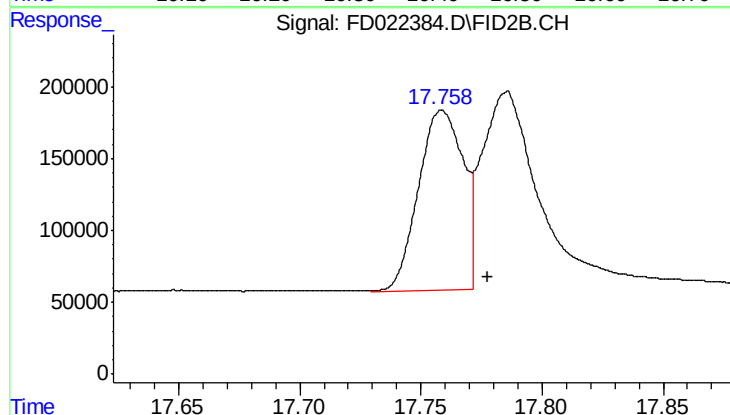
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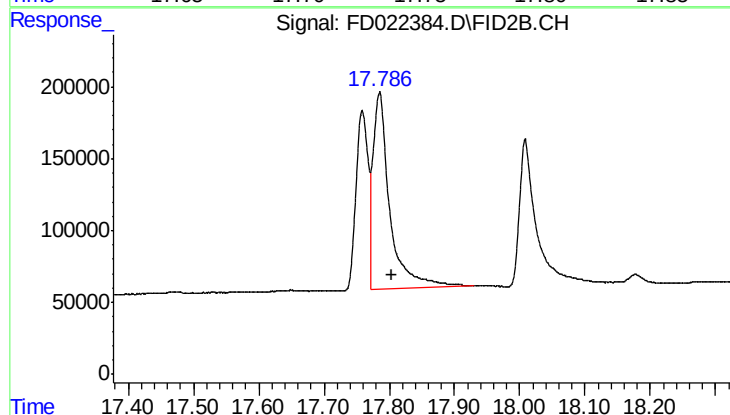
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.377 min
Delta R.T.: -0.027 min
Response: 2146443
Conc: 20.42 ug/ml



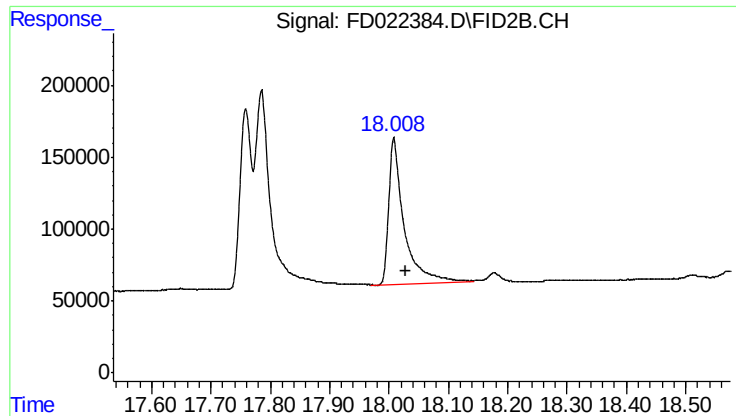
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.758 min
Delta R.T.: -0.019 min
Response: 1625445
Conc: 17.06 ug/ml m



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

R.T.: 17.785 min
Delta R.T.: -0.019 min
Response: 2472032
Conc: 21.75 ug/ml



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

R.T.: 18.008 min
Delta R.T.: -0.020 min
Response: 1825591
Conc: 17.58 ug/ml

Instrument :
FID_D
ClientSampleId :

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