

Data Path : P:\HPCHEM1\FID_D\Data\FD030518AR\
 Data File : FD022368.D
 Signal(s) : FID2B.CH
 Acq On : 06 Mar 2018 15:36
 Operator : UA/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleID :

Manual Integrations
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 3/9/2018 10:56:41 AM

Integration File: autoint1.e
 Quant Time: Mar 06 20:50:29 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...	7.334	1624342	19.389 ug/ml
Spiked Amount 50.000		Recovery =	38.78%
6) S 2-Fluorobiphenyl (SURR)	8.193	1061063	20.987 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.97%
11) S ortho-Terphenyl (SURR)	11.217	1982495	20.890 ug/ml
Spiked Amount 50.000		Recovery =	41.78%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.143	1541453	17.455 ug/ml
2) T Naphthalene (C11.7)	5.674	1799606	20.118 ug/ml
3) T 2-Methylnaphthalene (...)	6.722	1790131	19.711 ug/ml
5) T Acenaphthylene (C15.06)	7.989	1903063	19.871 ug/ml
7) T Acenaphthene (C15.5)	8.282	2019908	19.718 ug/ml
8) T Flouorene (C16.55)	9.065	1926663	20.548 ug/ml
9) T Phenanthrene (C19.36)	10.457	1997971	21.444 ug/ml
10) T Anthracene (C19.43)	10.533	2022609	21.330 ug/ml
12) T Fluoranthene (C21.85)	12.267	2130884	21.244 ug/ml
13) T Pyrene (C20.8)	12.561	2130377	20.969 ug/ml
14) T Benzo[a]anthracene (C...	14.439	2018173	20.929 ug/ml
15) T Chrysene (C27.41)	14.480	2162126	20.033 ug/ml
16) T benzo[b]fluoranthene ...	15.996	2129352	21.181 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.026	2208653	19.464 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.378	2043864	19.448 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.754	1625910	17.066 ug/mlm
20) T Dibenz[a,h]anthracene...	17.785	2411958	21.225 ug/ml
21) T Benzo[g,h,i]perylene ...	18.008	1789454	17.229 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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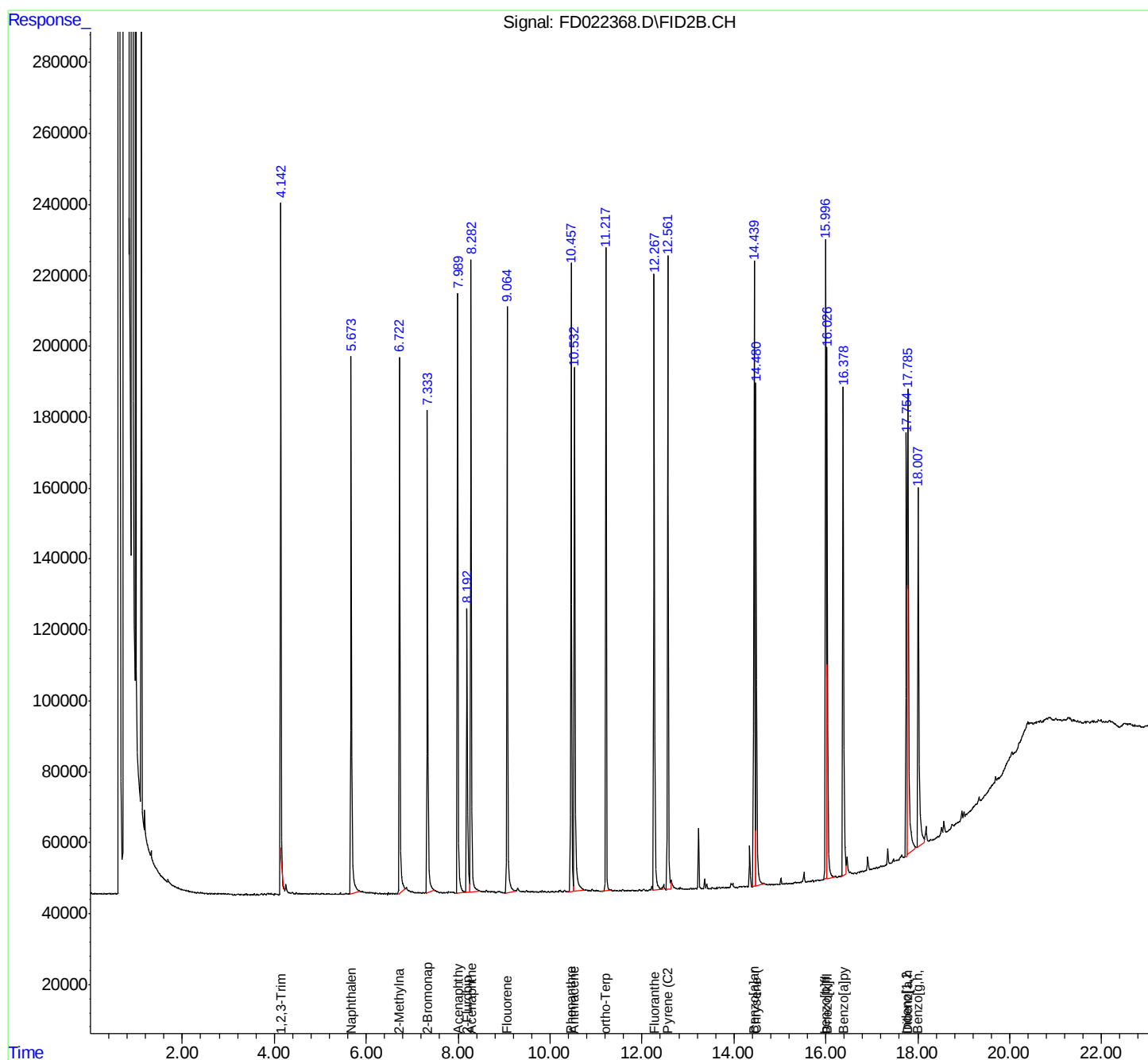
Instrument :
FID_D
ClientSampled :

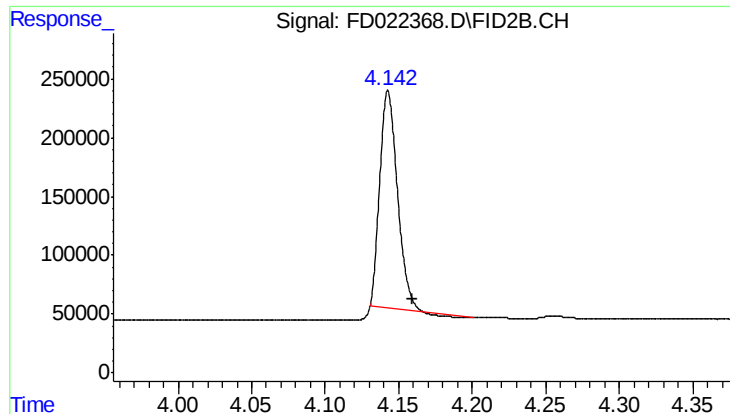
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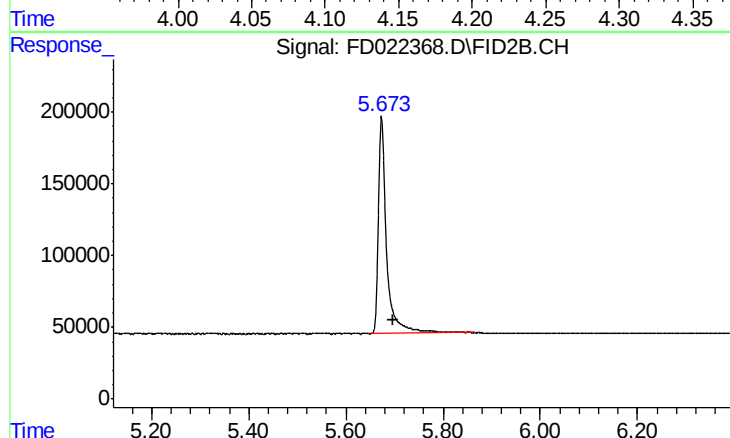
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.143 min
Delta R.T.: -0.017 min
Response: 1541453
Conc: 17.46 ug/ml

Instrument :
FID_D
ClientSampleId :

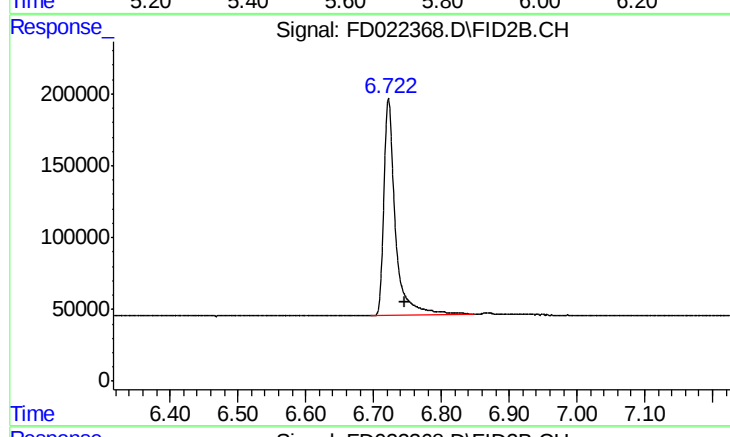
Manual Integrations
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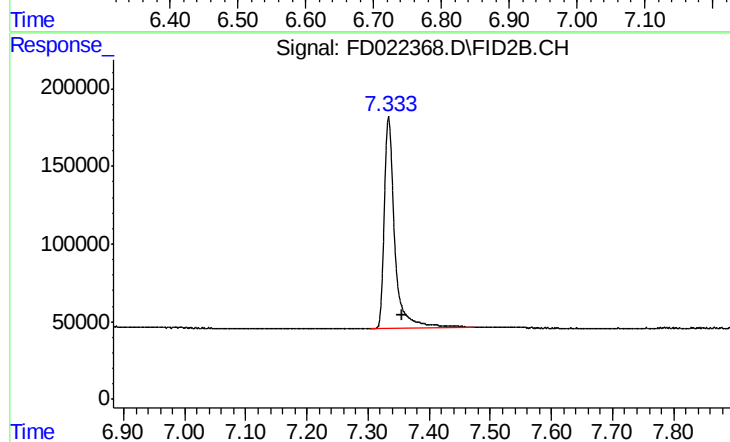
#2 Naphthalene (C11.7)

R.T.: 5.674 min
Delta R.T.: -0.023 min
Response: 1799606
Conc: 20.12 ug/ml



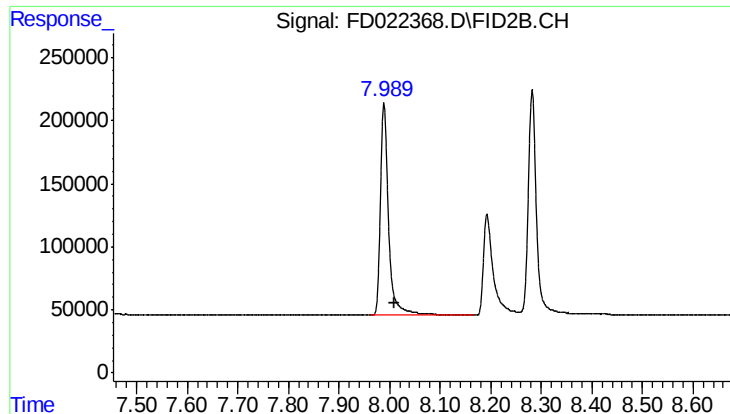
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.722 min
Delta R.T.: -0.023 min
Response: 1790131
Conc: 19.71 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.334 min
Delta R.T.: -0.022 min
Response: 1624342
Conc: 19.39 ug/ml



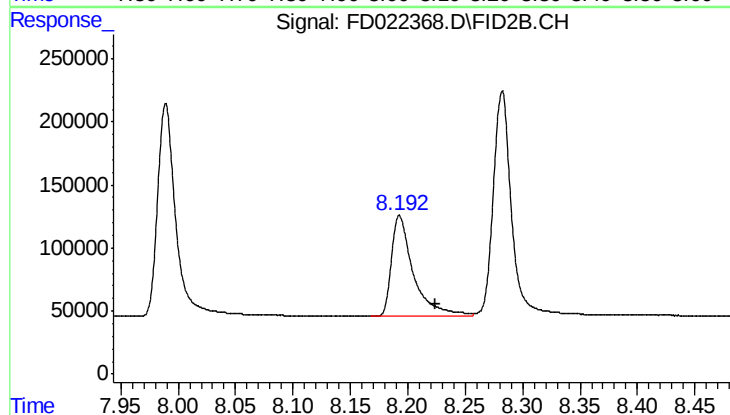
#5 Acenaphthylene (C15.06)

R.T.: 7.989 min
Delta R.T.: -0.019 min
Response: 1903063
Conc: 19.87 ug/ml

Instrument :
FID_D
ClientSampleId :

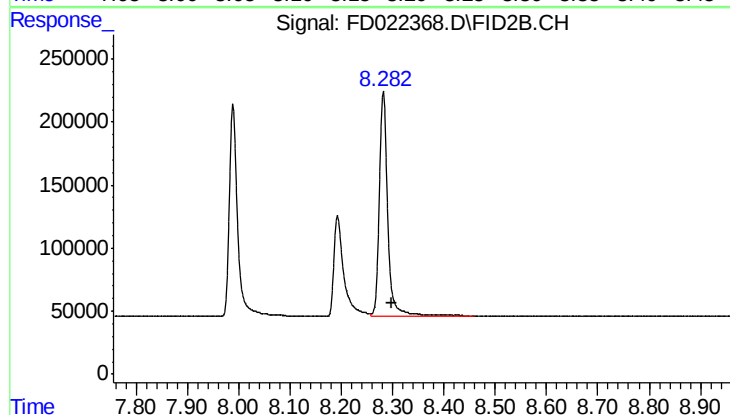
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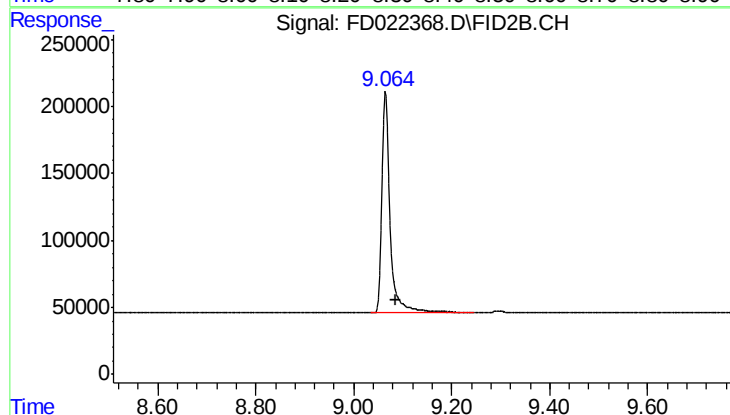
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.193 min
Delta R.T.: -0.032 min
Response: 1061063
Conc: 20.99 ug/ml



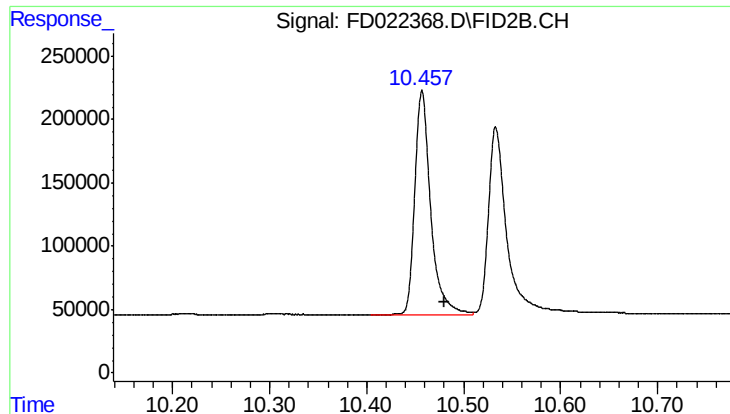
#7 Acenaphthene (C15.5)

R.T.: 8.282 min
Delta R.T.: -0.016 min
Response: 2019908
Conc: 19.72 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.065 min
Delta R.T.: -0.022 min
Response: 1926663
Conc: 20.55 ug/ml



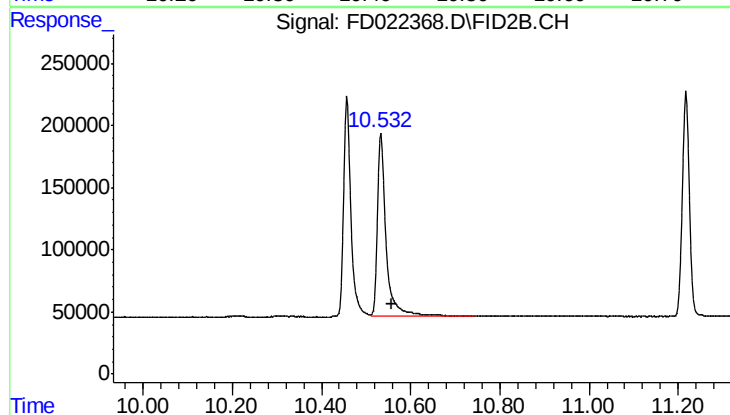
#9 Phenanthrene (C19.36)

R.T.: 10.457 min
Delta R.T.: -0.023 min
Response: 1997971
Conc: 21.44 ug/ml

Instrument :
FID_D
ClientSampleId :

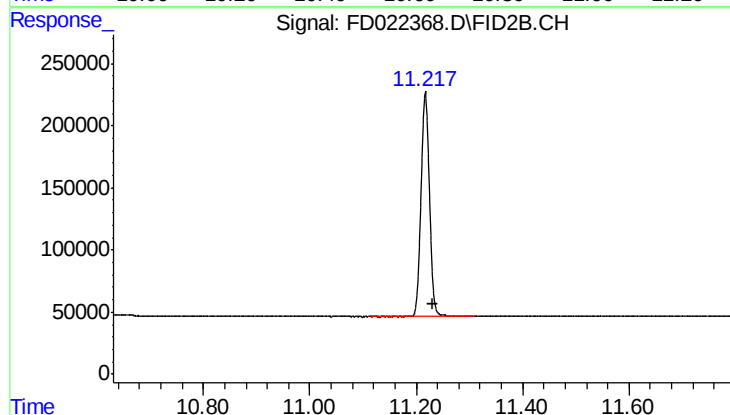
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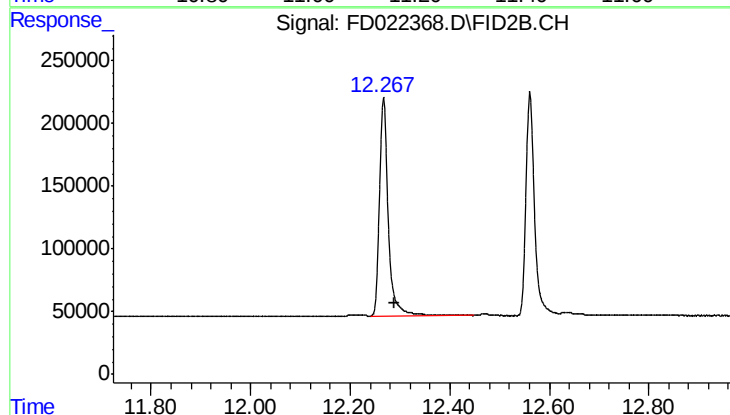
#10 Anthracene (C19.43)

R.T.: 10.533 min
Delta R.T.: -0.026 min
Response: 2022609
Conc: 21.33 ug/ml



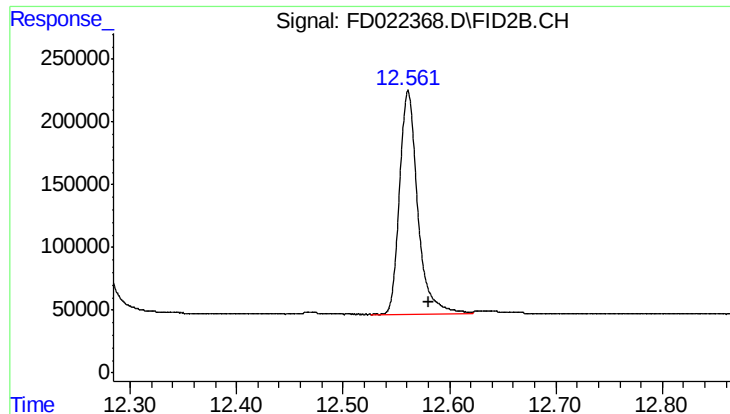
#11 ortho-Terphenyl (SURR)

R.T.: 11.217 min
Delta R.T.: -0.013 min
Response: 1982495
Conc: 20.89 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.267 min
Delta R.T.: -0.021 min
Response: 2130884
Conc: 21.24 ug/ml



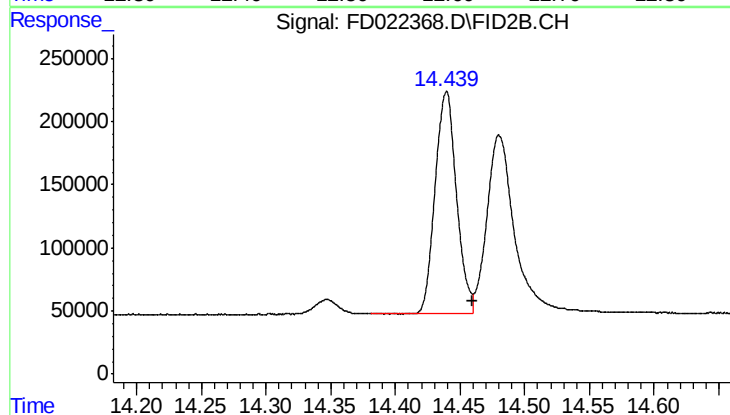
#13 Pyrene (C20.8)

R.T.: 12.561 min
Delta R.T.: -0.019 min
Response: 2130377
Conc: 20.97 ug/ml

Instrument :
FID_D
ClientSampleId :

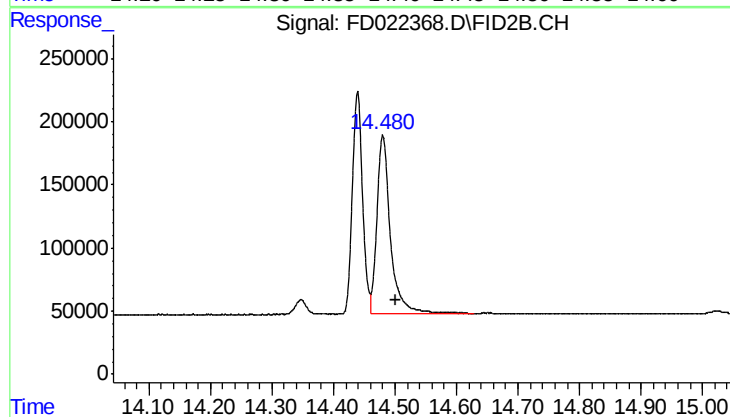
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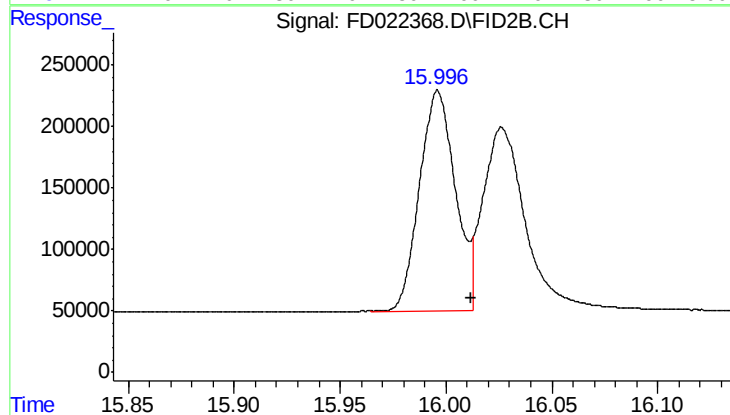
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.439 min
Delta R.T.: -0.020 min
Response: 2018173
Conc: 20.93 ug/ml



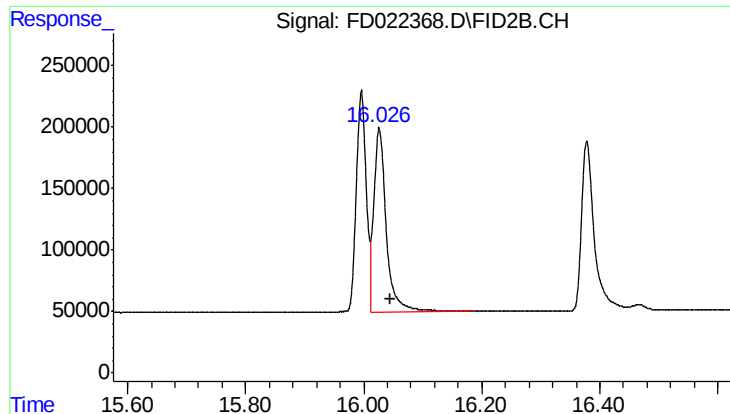
#15 Chrysene (C27.41)

R.T.: 14.480 min
Delta R.T.: -0.020 min
Response: 2162126
Conc: 20.03 ug/ml



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

R.T.: 15.996 min
Delta R.T.: -0.017 min
Response: 2129352
Conc: 21.18 ug/ml m



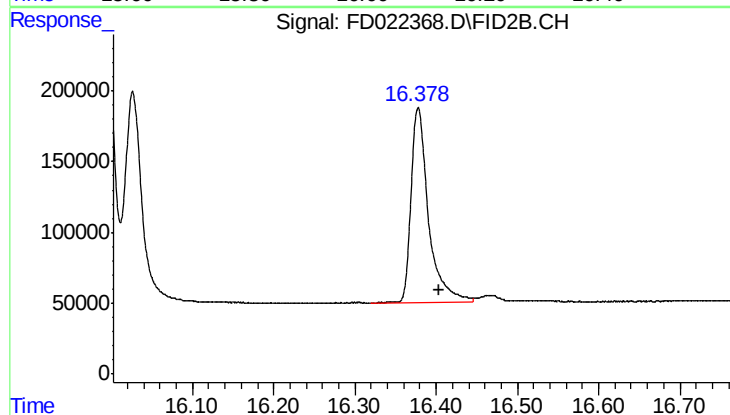
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.026 min
Delta R.T.: -0.019 min
Response: 2208653
Conc: 19.46 ug/ml

Instrument :
FID_D
ClientSampleId :

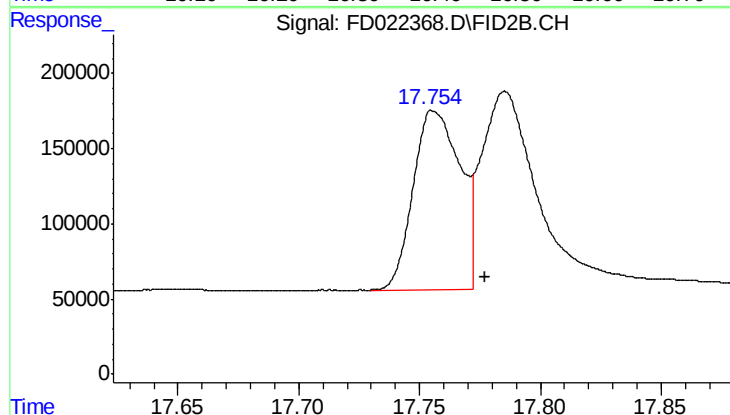
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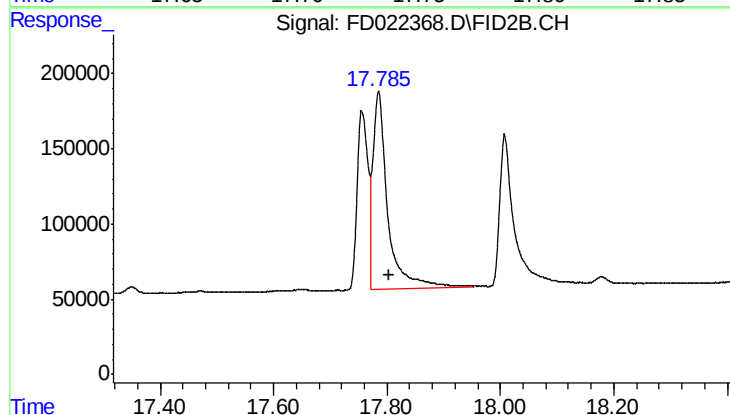
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.378 min
Delta R.T.: -0.026 min
Response: 2043864
Conc: 19.45 ug/ml



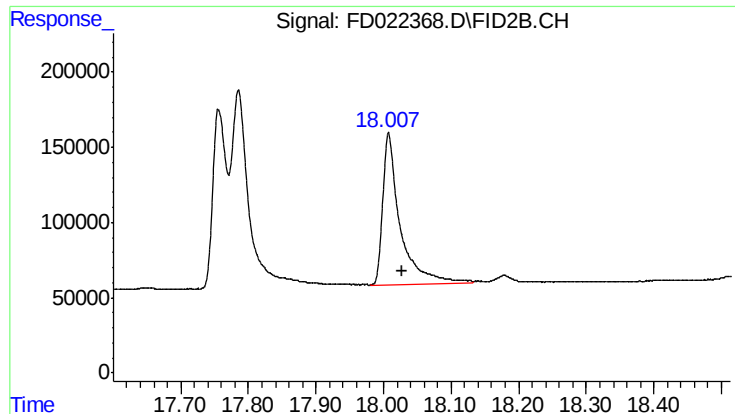
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.754 min
Delta R.T.: -0.023 min
Response: 1625910
Conc: 17.07 ug/ml m



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

R.T.: 17.785 min
Delta R.T.: -0.019 min
Response: 2411958
Conc: 21.23 ug/ml



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

R.T.: 18.008 min
Delta R.T.: -0.020 min
Response: 1789454
Conc: 17.23 ug/ml

Instrument :
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ClientSampleId :

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