

Data Path : P:\HPCHEM1\FID_D\Data\FD030518AR\
 Data File : FD022325.D
 Signal(s) : FID2B.CH
 Acq On : 05 Mar 2018 11:24
 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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Integration File: autoint1.e
 Quant Time: Mar 06 01:48:42 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...	7.337	1611133	19.231 ug/ml
Spiked Amount 50.000		Recovery =	38.46%
6) S 2-Fluorobiphenyl (SURR)	8.197	1012832	20.033 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.07%
11) S ortho-Terphenyl (SURR)	11.220	1898033	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.144	1809652	20.492 ug/mlm
2) T Naphthalene (C11.7)	5.676	1786358	19.970 ug/ml
3) T 2-Methylnaphthalene (...)	6.726	1741355	19.174 ug/ml
5) T Acenaphthylene (C15.06)	7.993	1824230	19.048 ug/ml
7) T Acenaphthene (C15.5)	8.285	1928030	18.821 ug/ml
8) T Flouorene (C16.55)	9.067	1836568	19.587 ug/ml
9) T Phenanthrene (C19.36)	10.459	1913617	20.539 ug/ml
10) T Anthracene (C19.43)	10.535	1942676	20.487 ug/ml
12) T Fluoranthene (C21.85)	12.269	2049304	20.431 ug/ml
13) T Pyrene (C20.8)	12.563	2051198	20.190 ug/ml
14) T Benzo[a]anthracene (C...	14.440	1937071	20.088 ug/ml
15) T Chrysene (C27.41)	14.482	2059961	19.086 ug/ml
16) T benzo[b]fluoranthene ...	15.998	1978658	19.682 ug/ml
17) T Bnezo[k]fluoranthene ...	16.028	2150754	18.954 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.380	2018950	19.211 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.758	1723605	18.091 ug/mlm
20) T Dibenz[a,h]anthracene...	17.787	2312576	20.351 ug/ml
21) T Benzo[g,h,i]perylene ...	18.009	1826092	17.582 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 52 Sample Multiplier: 1

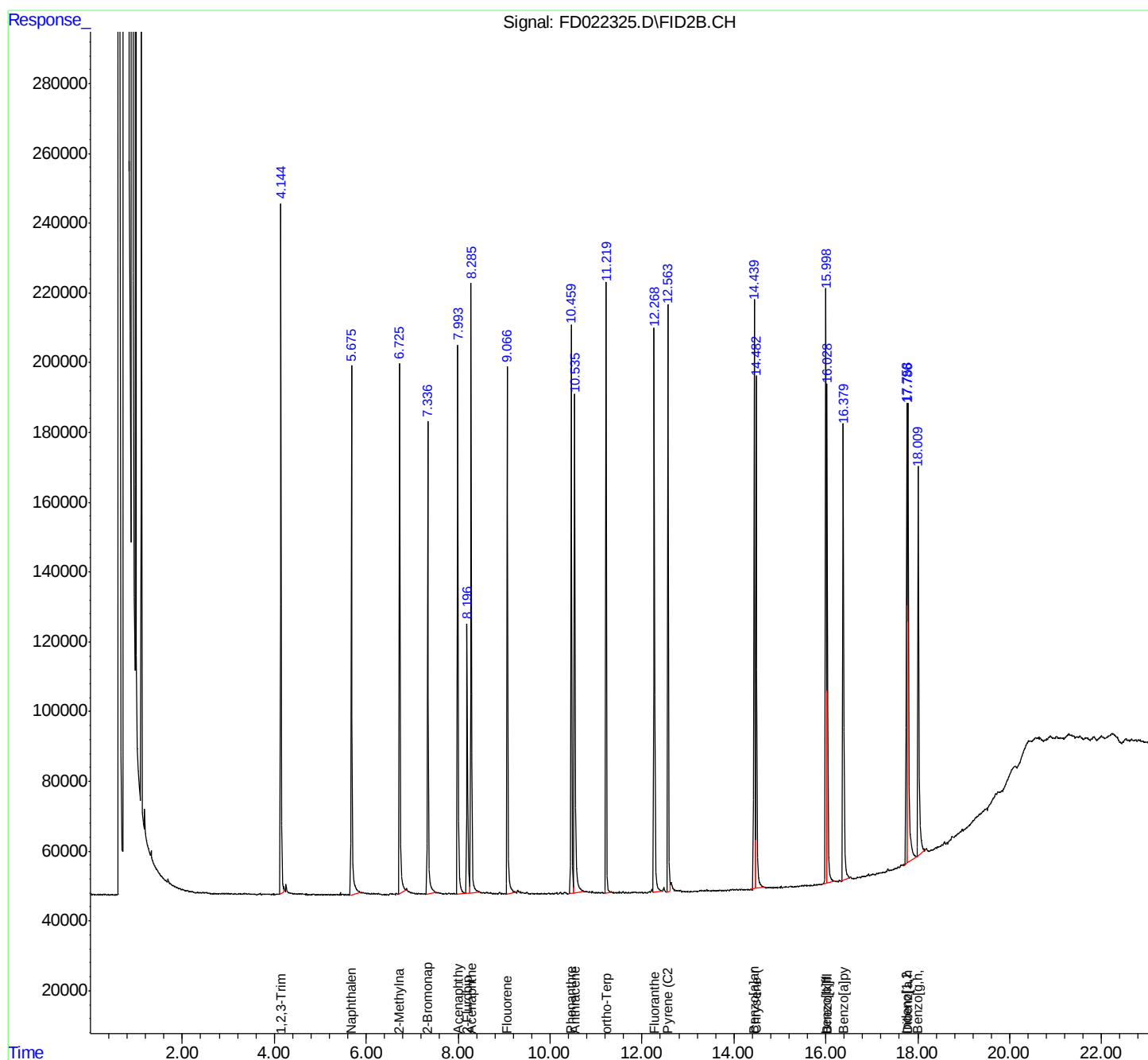
Instrument :
FID_D
ClientSampled :

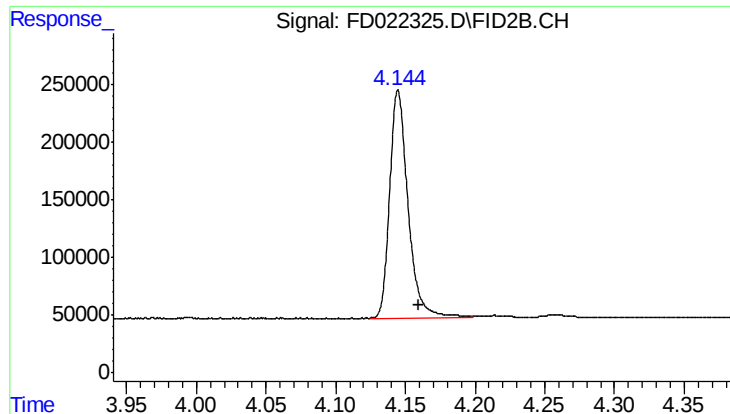
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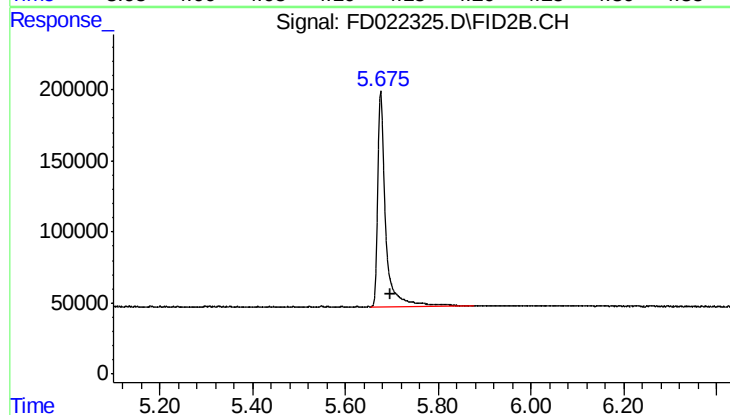
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.144 min
Delta R.T.: -0.015 min
Response: 1809652
Conc: 20.49 ug/ml

Instrument :
FID_D
ClientSampleId :

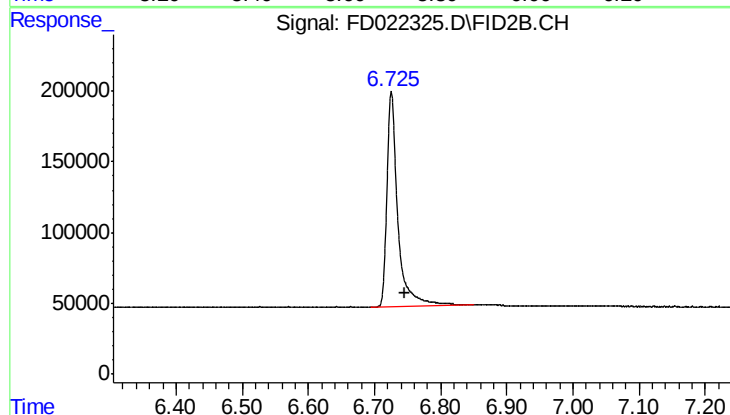
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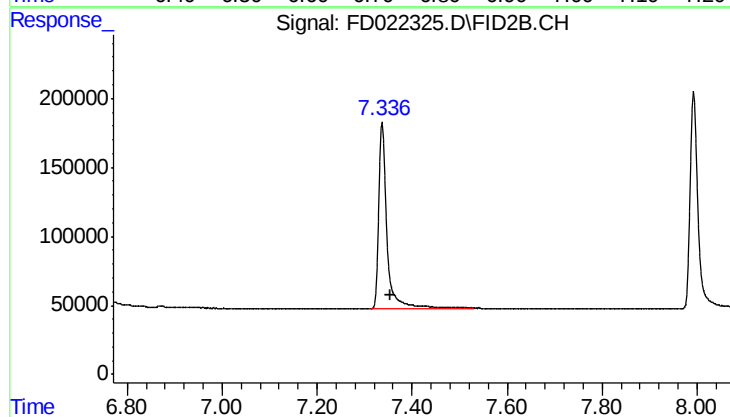
#2 Naphthalene (C11.7)

R.T.: 5.676 min
Delta R.T.: -0.020 min
Response: 1786358
Conc: 19.97 ug/ml



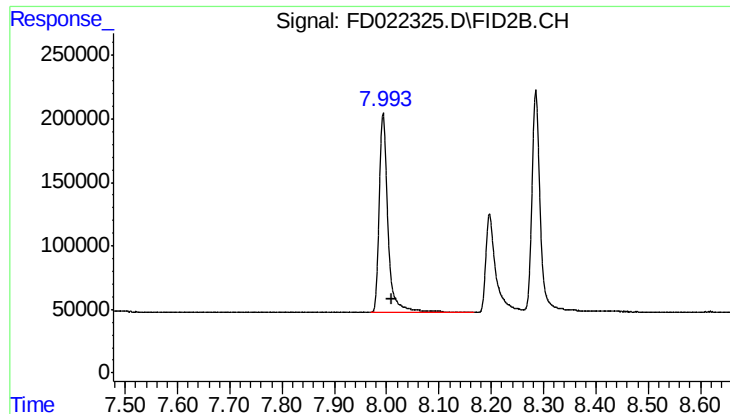
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.726 min
Delta R.T.: -0.020 min
Response: 1741355
Conc: 19.17 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.337 min
Delta R.T.: -0.019 min
Response: 1611133
Conc: 19.23 ug/ml



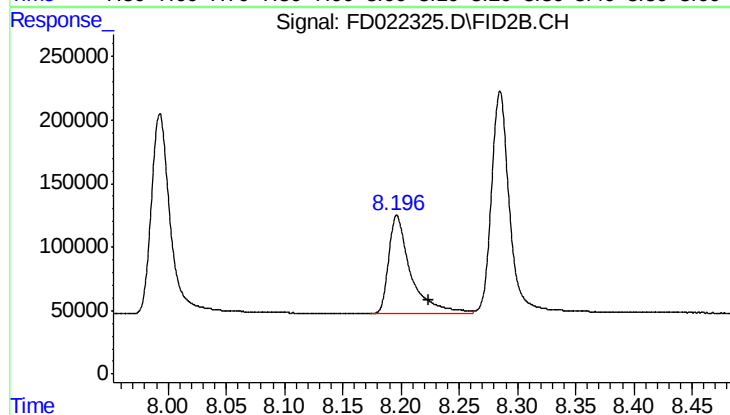
#5 Acenaphthylene (C15.06)

R.T.: 7.993 min
Delta R.T.: -0.016 min
Response: 1824230
Conc: 19.05 ug/ml

Instrument :
FID_D
ClientSampleId :

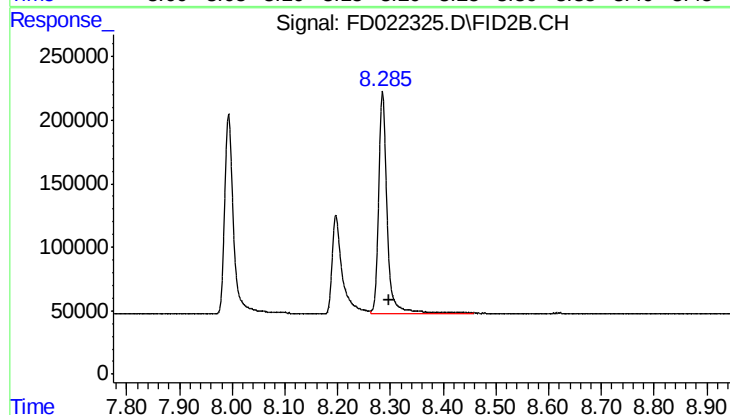
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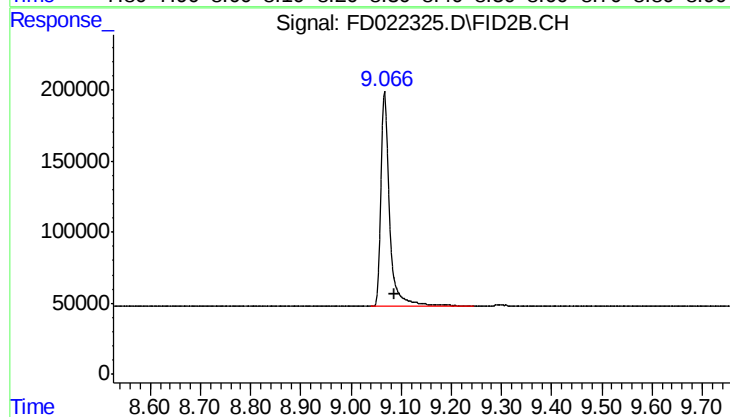
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.197 min
Delta R.T.: -0.028 min
Response: 1012832
Conc: 20.03 ug/ml



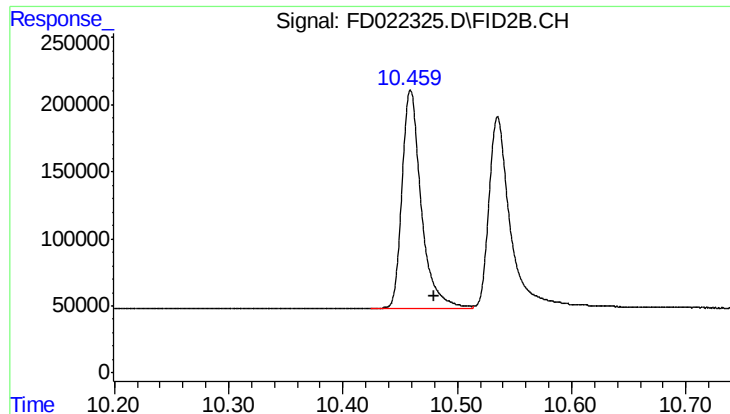
#7 Acenaphthene (C15.5)

R.T.: 8.285 min
Delta R.T.: -0.013 min
Response: 1928030
Conc: 18.82 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.067 min
Delta R.T.: -0.020 min
Response: 1836568
Conc: 19.59 ug/ml



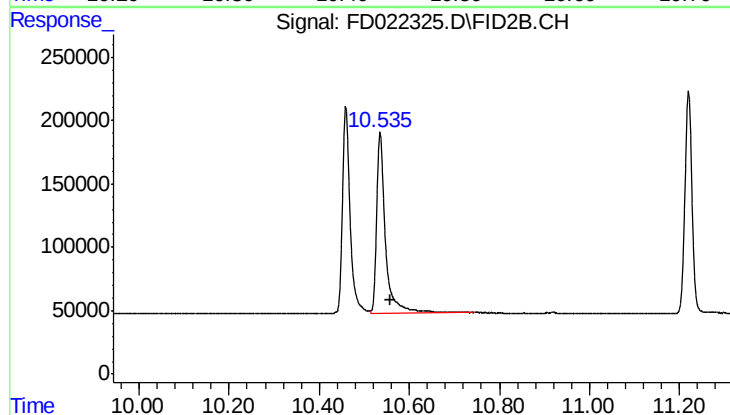
#9 Phenanthrene (C19.36)

R.T.: 10.459 min
Delta R.T.: -0.021 min
Response: 1913617
Conc: 20.54 ug/ml

Instrument :
FID_D
ClientSampleId :

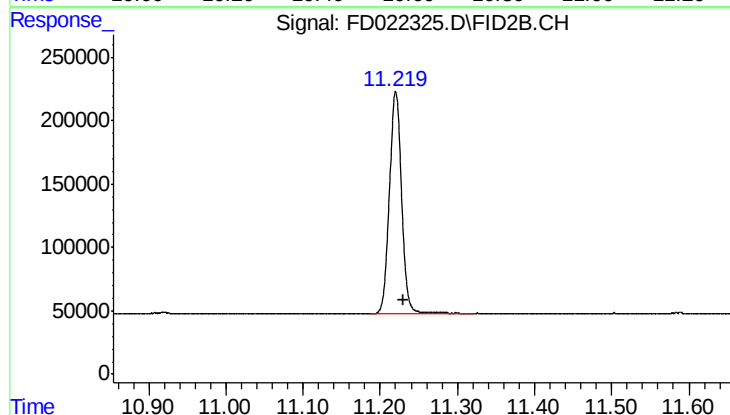
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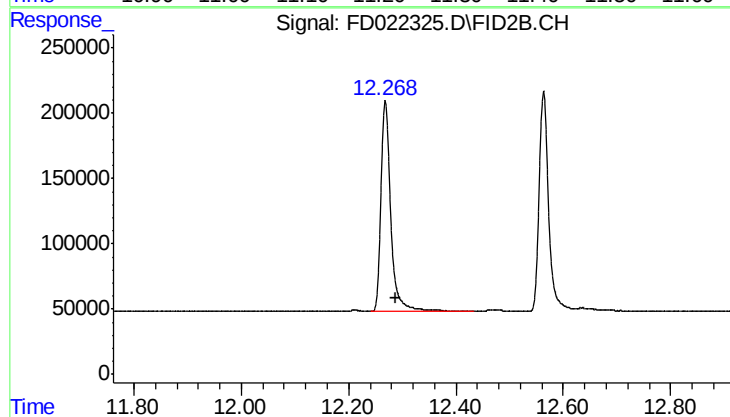
#10 Anthracene (C19.43)

R.T.: 10.535 min
Delta R.T.: -0.024 min
Response: 1942676
Conc: 20.49 ug/ml



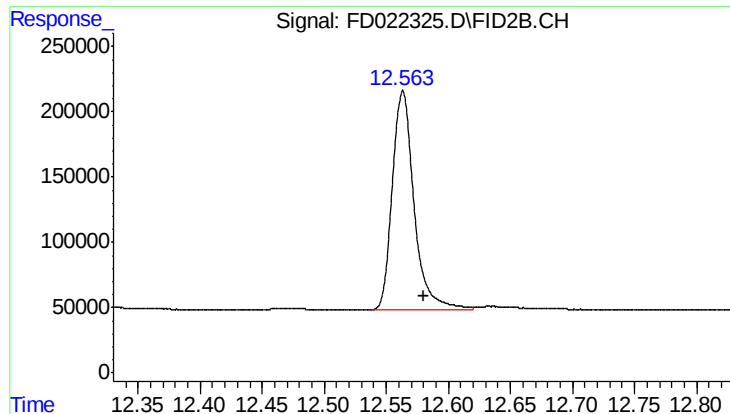
#11 ortho-Terphenyl (SURRE)

R.T.: 11.220 min
Delta R.T.: -0.010 min
Response: 1898033
Conc: 20.00 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.269 min
Delta R.T.: -0.019 min
Response: 2049304
Conc: 20.43 ug/ml



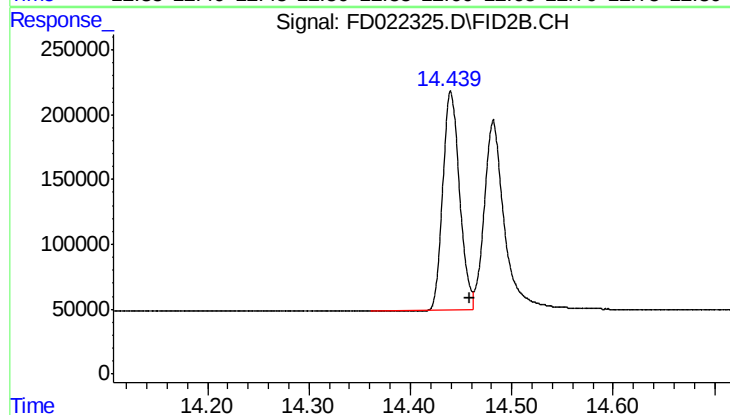
#13 Pyrene (C20.8)

R.T.: 12.563 min
Delta R.T.: -0.017 min
Response: 2051198
Conc: 20.19 ug/ml

Instrument :
FID_D
ClientSampleId :

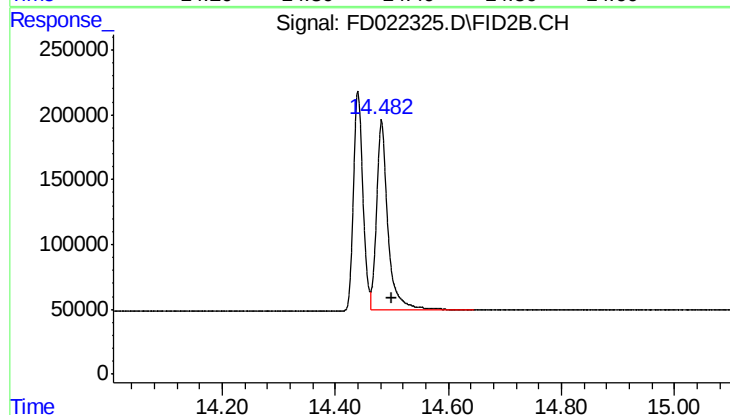
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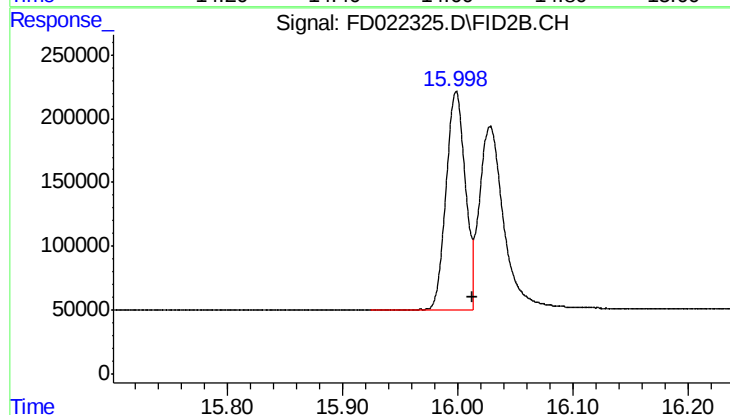
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.440 min
Delta R.T.: -0.019 min
Response: 1937071
Conc: 20.09 ug/ml



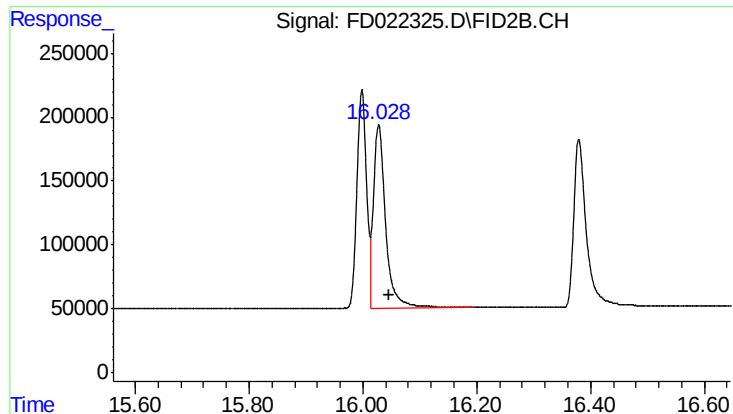
#15 Chrysene (C27.41)

R.T.: 14.482 min
Delta R.T.: -0.019 min
Response: 2059961
Conc: 19.09 ug/ml



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

R.T.: 15.998 min
Delta R.T.: -0.014 min
Response: 1978658
Conc: 19.68 ug/ml



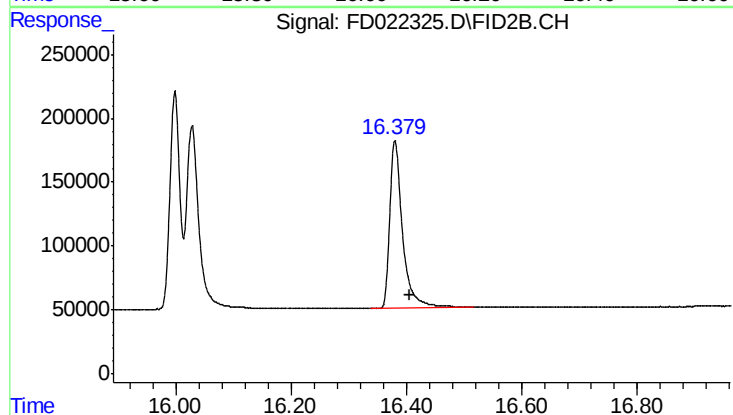
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.028 min
Delta R.T.: -0.018 min
Response: 2150754
Conc: 18.95 ug/ml

Instrument :
FID_D
ClientSampleId :

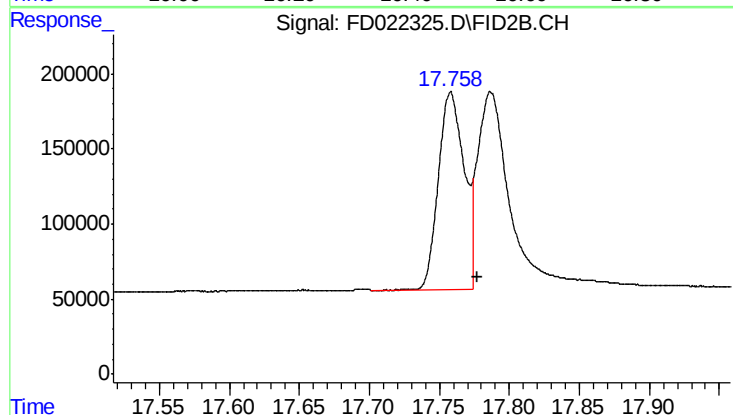
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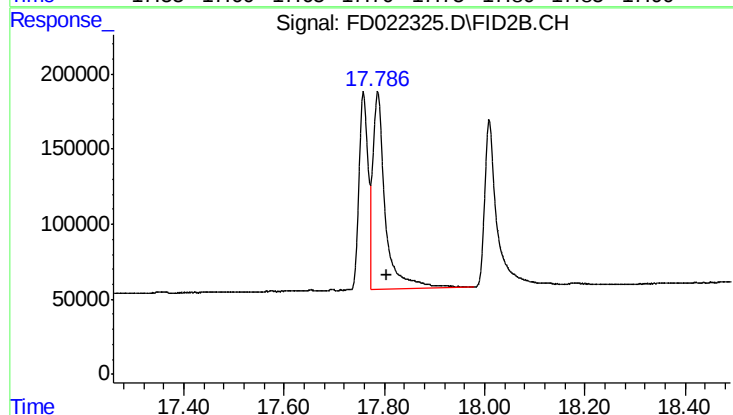
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.380 min
Delta R.T.: -0.025 min
Response: 2018950
Conc: 19.21 ug/ml



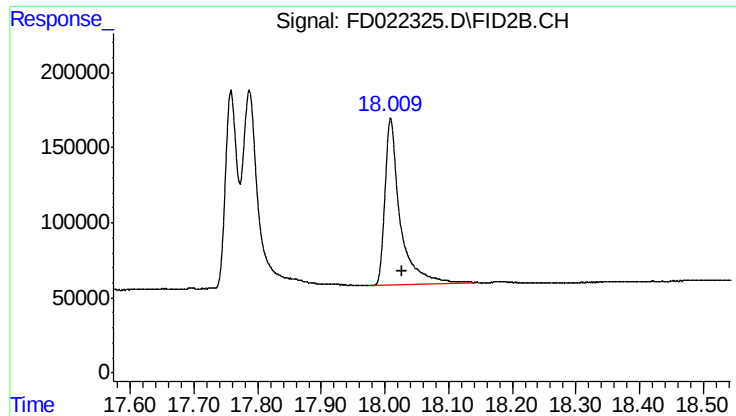
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.758 min
Delta R.T.: -0.019 min
Response: 1723605
Conc: 18.09 ug/ml m



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

R.T.: 17.787 min
Delta R.T.: -0.018 min
Response: 2312576
Conc: 20.35 ug/ml



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

R.T.: 18.009 min
Delta R.T.: -0.019 min
Response: 1826092
Conc: 17.58 ug/ml

Instrument :
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ClientSampleId :

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