

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD012920AL\
 Data File : FD032231.D
 Signal(s) : FID2B.CH
 Acq On : 29 Jan 2020 22:12
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 30 02:16:36 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 010620.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 07 01:05:13 2020
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.537	2441358	17.672 ug/ml
Spiked Amount 50.000		Recovery =	35.34%
12) S 1-chlorooctadecane (S...	12.968	1875956	17.221 ug/ml
Spiked Amount 50.000		Recovery =	34.44%
Target Compounds			
1) T n-Nonane (C9)	3.332	2347232	19.970 ug/ml
2) T n-Decane (C10)	4.396	2374391	20.155 ug/ml
3) T A~Naphthalene (C11.7)	5.975	2644491	19.989 ug/ml
4) T n-Dodecane (C12)	6.405	2400191	20.167 ug/ml
5) T A~2-methylnaphthalene...	7.027	2648047	19.756 ug/ml
6) T n-Tetradecane (C14)	8.193	2386144	19.660 ug/ml
7) T n-Hexadecane (C16)	9.786	2359664	19.038 ug/ml
8) T n-Octadecane (C18)	11.221	2324028	18.404 ug/ml
10) T n-Eicosane (C20)	12.525	2262245	17.729 ug/ml
11) T n-Heneicosane (C21)	13.136	2239582	17.386 ug/ml
13) T n-Docosane (C22)	13.719	2191610	17.036 ug/ml
14) T n-Tetracosane (C24)	14.817	2165975	16.679 ug/ml
15) T n-Hexacosane (C26)	15.835	2150763	16.687 ug/ml
16) T n-Octacosane (C28)	16.780	2125094	16.672 ug/ml
17) T n-Tricontane (C30)	17.664	2041019	16.649 ug/ml
18) T n-Dotriacontane (C32)	18.492	1759487	16.808 ug/ml
19) T n-Tetratriacontane (C34)	19.272	1503636	17.003 ug/ml
20) T n-Hexatriacontane (C36)	20.009	1383231	17.551 ug/ml
21) T n-Octatriacontane (C38)	20.728	1305639	17.707 ug/ml
22) T n-Tetracontane (C40)	21.598	1329862	17.571 ug/ml

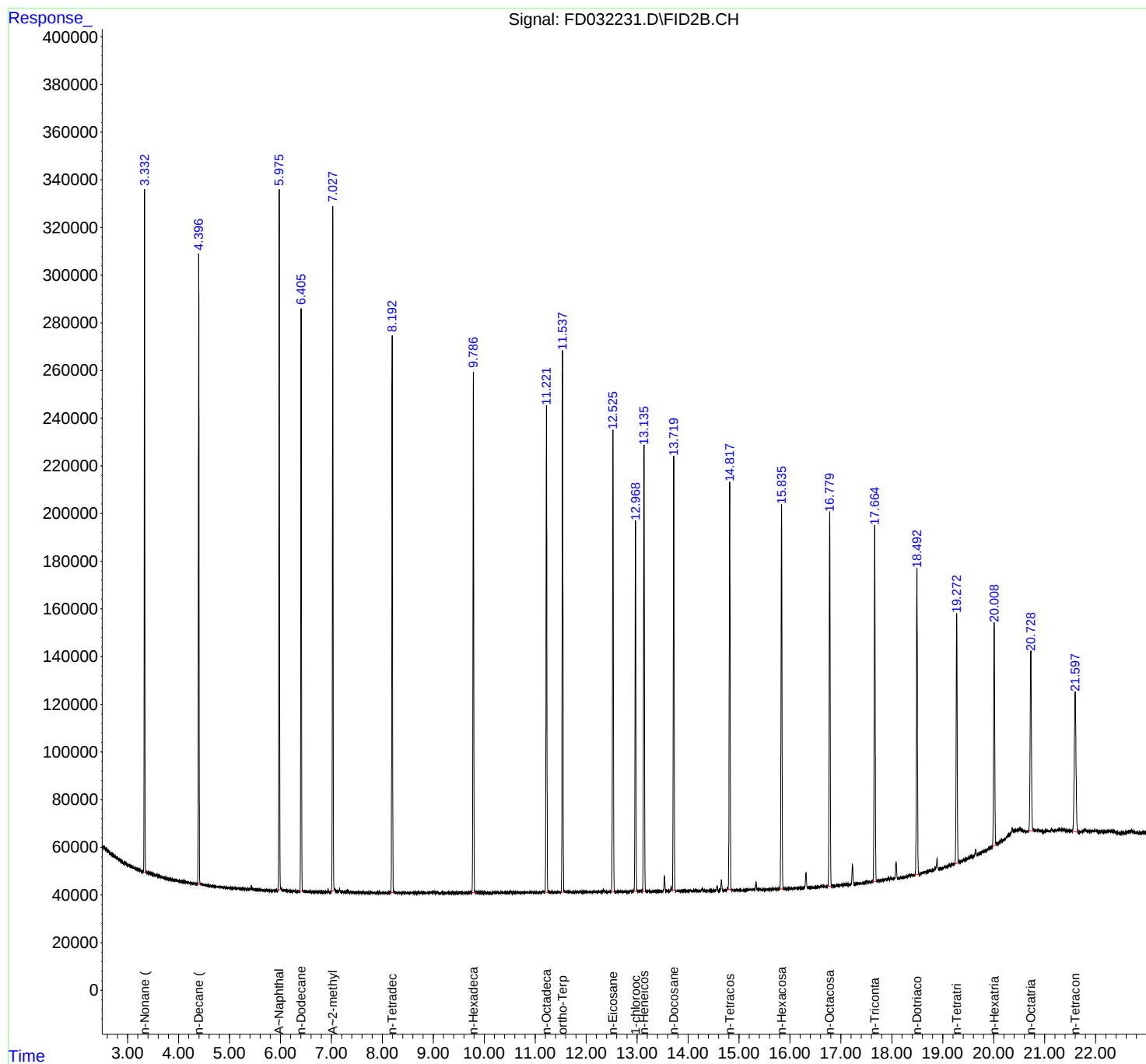
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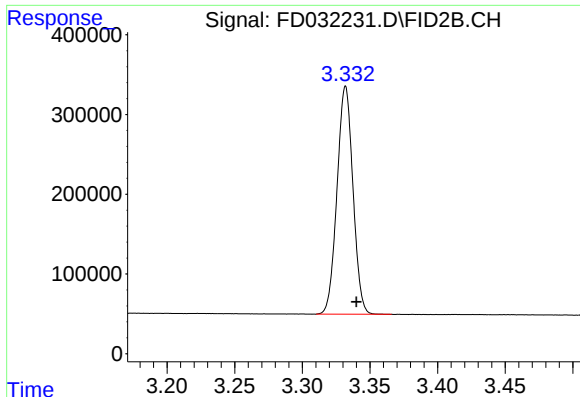
(m)=manual int.

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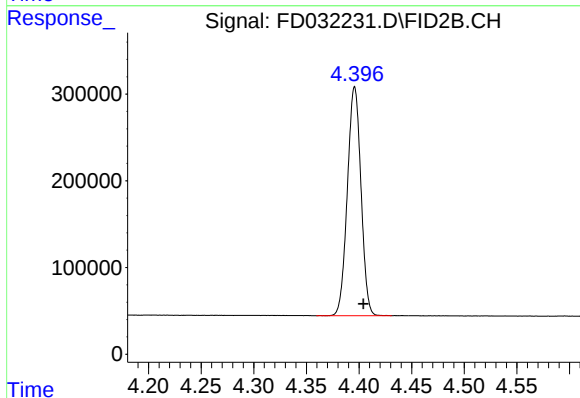
Volume Inj. : 1 ul
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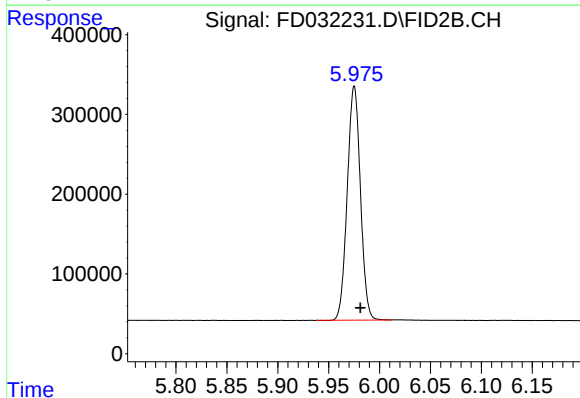
#1 n-Nonane (C9)

R.T.: 3.332 min
Delta R.T.: -0.008 min
Response: 2347232
Conc: 19.97 ug/ml



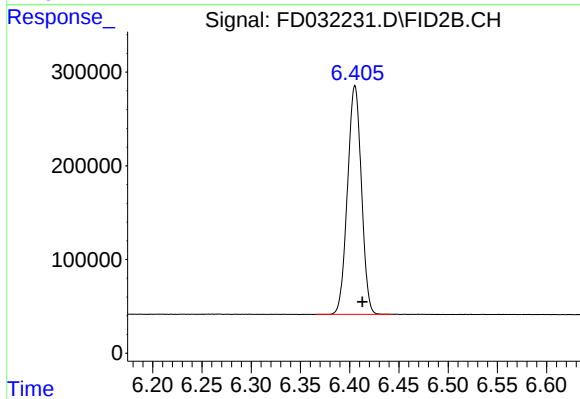
#2 n-Decane (C10)

R.T.: 4.396 min
Delta R.T.: -0.008 min
Response: 2374391
Conc: 20.15 ug/ml



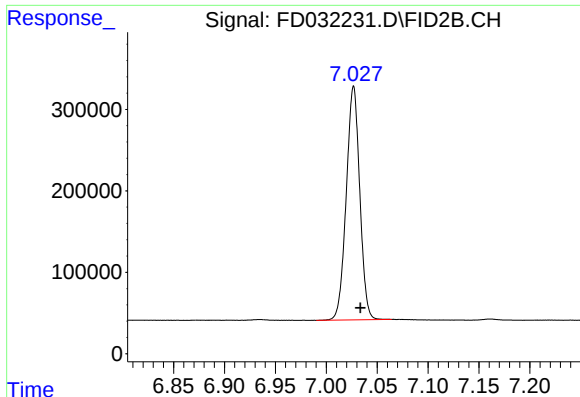
#3 A~Naphthalene (C11.7)

R.T.: 5.975 min
Delta R.T.: -0.006 min
Response: 2644491
Conc: 19.99 ug/ml



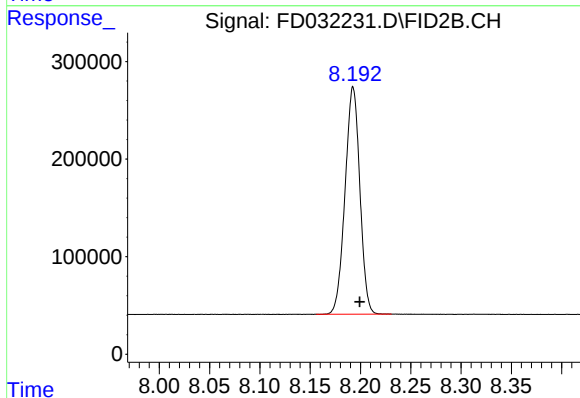
#4 n-Dodecane (C12)

R.T.: 6.405 min
Delta R.T.: -0.008 min
Response: 2400191
Conc: 20.17 ug/ml



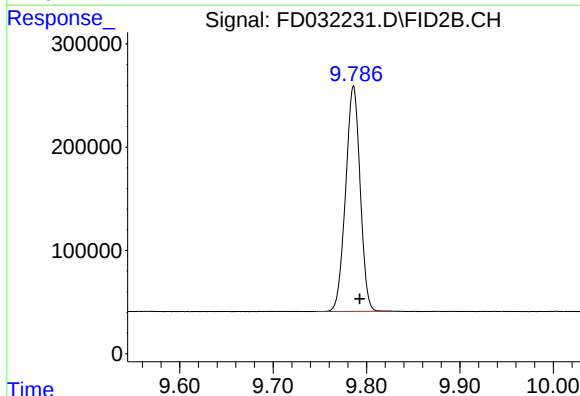
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.027 min
Delta R.T.: -0.007 min
Response: 2648047
Conc: 19.76 ug/ml



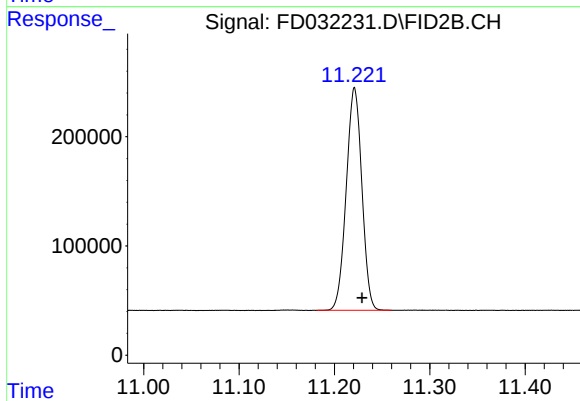
#6 n-Tetradecane (C14)

R.T.: 8.193 min
Delta R.T.: -0.007 min
Response: 2386144
Conc: 19.66 ug/ml



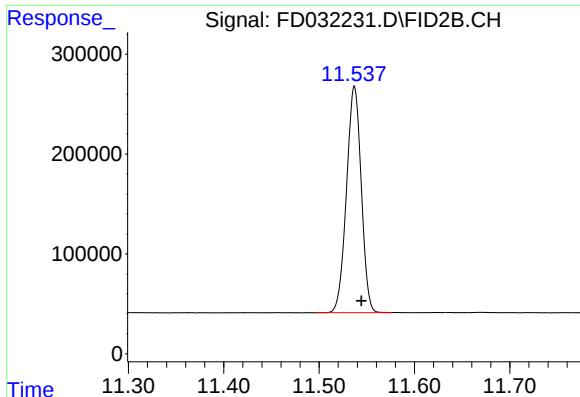
#7 n-Hexadecane (C16)

R.T.: 9.786 min
Delta R.T.: -0.007 min
Response: 2359664
Conc: 19.04 ug/ml



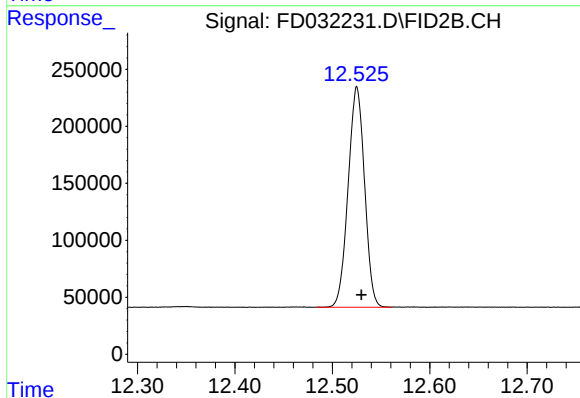
#8 n-Octadecane (C18)

R.T.: 11.221 min
Delta R.T.: -0.008 min
Response: 2324028
Conc: 18.40 ug/ml



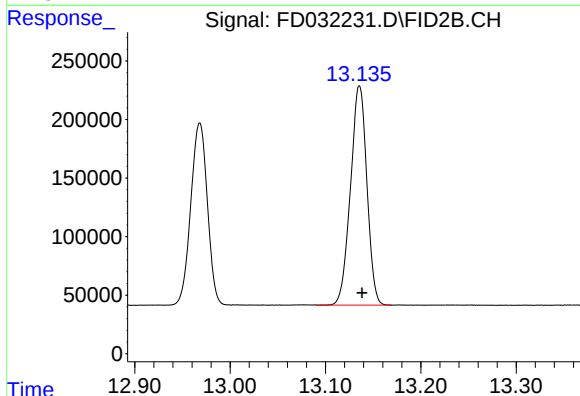
#9 ortho-Terphenyl (SURR)

R.T.: 11.537 min
Delta R.T.: -0.007 min
Response: 2441358
Conc: 17.67 ug/ml



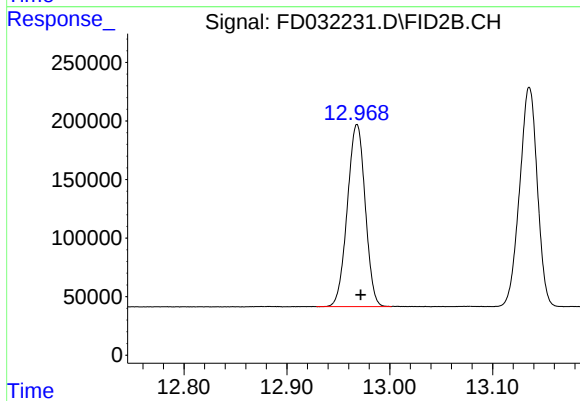
#10 n-Eicosane (C20)

R.T.: 12.525 min
Delta R.T.: -0.005 min
Response: 2262245
Conc: 17.73 ug/ml



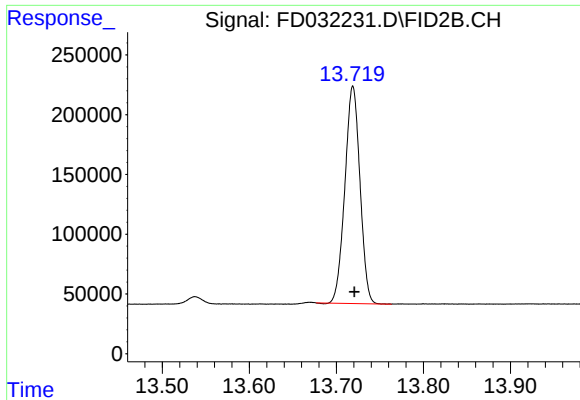
#11 n-Heneicosane (C21)

R.T.: 13.136 min
Delta R.T.: -0.003 min
Response: 2239582
Conc: 17.39 ug/ml



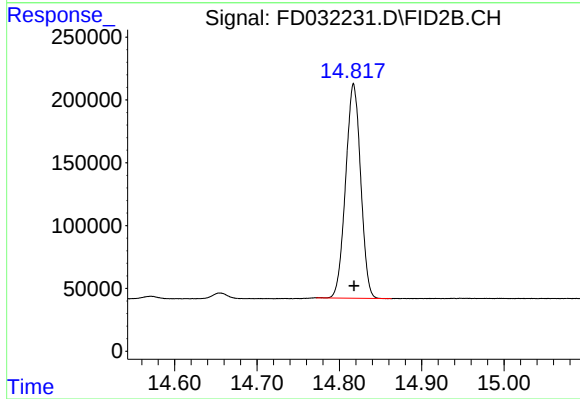
#12 1-chlorooctadecane (SURR)

R.T.: 12.968 min
Delta R.T.: -0.004 min
Response: 1875956
Conc: 17.22 ug/ml



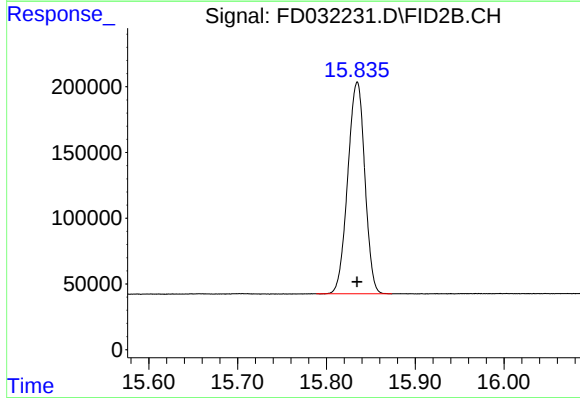
#13 n-Docosane (C22)

R.T.: 13.719 min
Delta R.T.: -0.002 min
Response: 2191610
Conc: 17.04 ug/ml



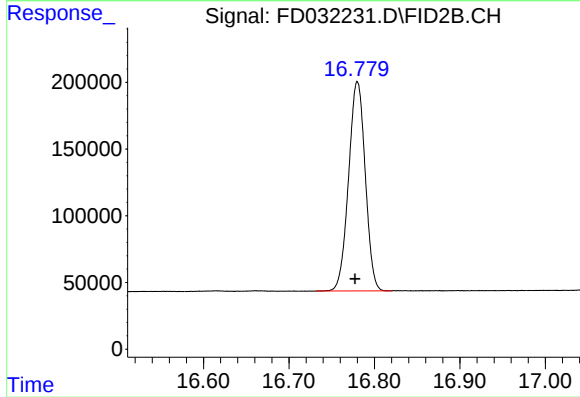
#14 n-Tetracosane (C24)

R.T.: 14.817 min
Delta R.T.: 0.000 min
Response: 2165975
Conc: 16.68 ug/ml



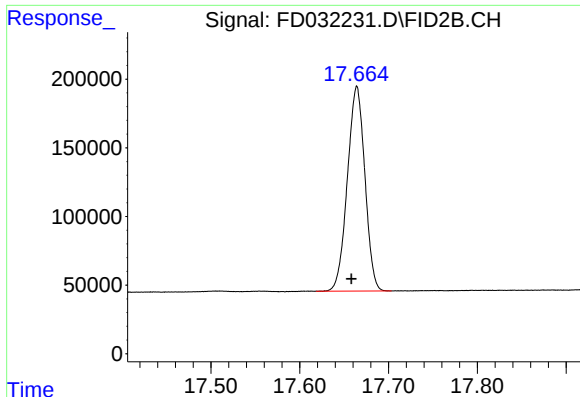
#15 n-Hexacosane (C26)

R.T.: 15.835 min
Delta R.T.: 0.000 min
Response: 2150763
Conc: 16.69 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.780 min
Delta R.T.: 0.003 min
Response: 2125094
Conc: 16.67 ug/ml



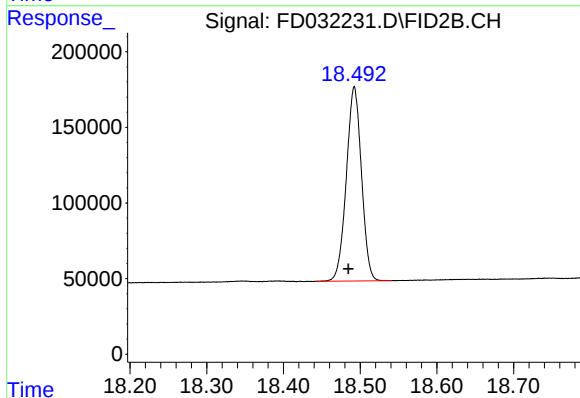
#17 n-Tricontane (C30)

R.T.: 17.664 min

Delta R.T.: 0.006 min

Response: 2041019

Conc: 16.65 ug/ml



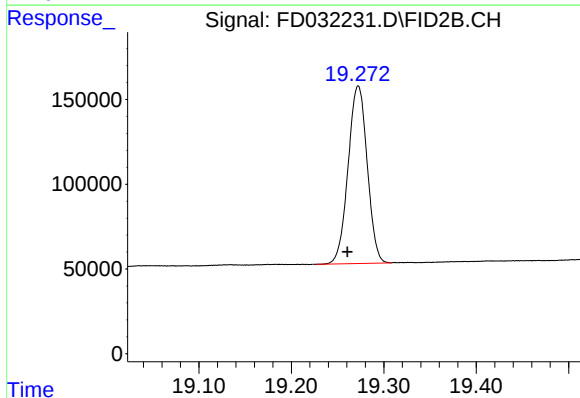
#18 n-Dotriacontane (C32)

R.T.: 18.492 min

Delta R.T.: 0.008 min

Response: 1759487

Conc: 16.81 ug/ml



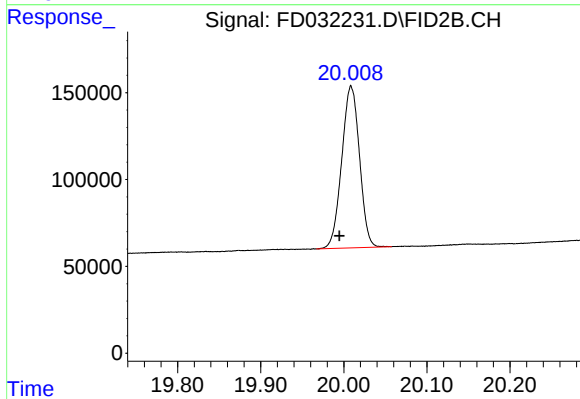
#19 n-Tetratriacontane (C34)

R.T.: 19.272 min

Delta R.T.: 0.012 min

Response: 1503636

Conc: 17.00 ug/ml



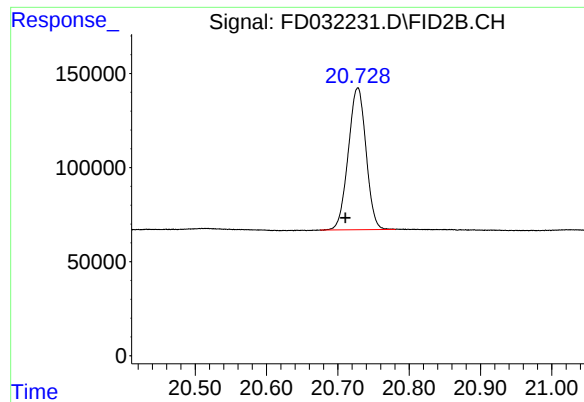
#20 n-Hexatriacontane (C36)

R.T.: 20.009 min

Delta R.T.: 0.014 min

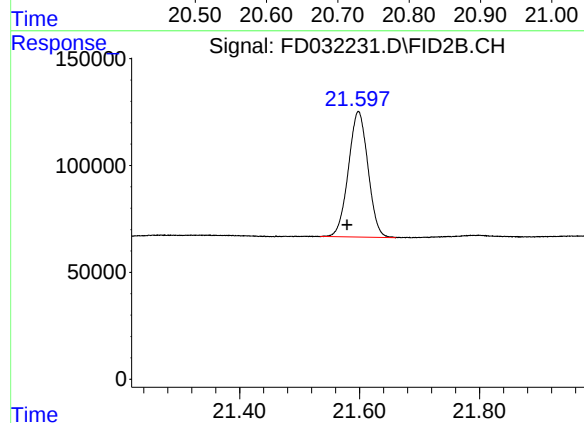
Response: 1383231

Conc: 17.55 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.728 min
Delta R.T.: 0.017 min
Response: 1305639
Conc: 17.71 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.598 min
Delta R.T.: 0.019 min
Response: 1329862
Conc: 17.57 ug/ml