

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD012820AL\
 Data File : FD032205.D
 Signal(s) : FID2B.CH
 Acq On : 28 Jan 2020 12:53
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 29 01:29:43 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)	11.540	2311645	16.733 ug/ml
Spiked Amount 50.000		Recovery =	33.47%
12) S 1-chlorooctadecane (S...	12.972	1772771	16.274 ug/ml
Spiked Amount 50.000		Recovery =	32.55%
Target Compounds			
1) T n-Nonane (C9)	3.333	2237603	19.038 ug/ml
2) T n-Decane (C10)	4.398	2260051	19.184 ug/ml
3) T A~Naphthalene (C11.7)	5.978	2515315	19.012 ug/ml
4) T n-Dodecane (C12)	6.408	2284534	19.195 ug/ml
5) T A~2-methylnaphthalene...	7.030	2510948	18.733 ug/ml
6) T n-Tetradecane (C14)	8.195	2268357	18.690 ug/ml
7) T n-Hexadecane (C16)	9.789	2240268	18.075 ug/ml
8) T n-Octadecane (C18)	11.225	2198329	17.408 ug/ml
10) T n-Eicosane (C20)	12.530	2136221	16.741 ug/ml
11) T n-Heneicosane (C21)	13.138	2115132	16.420 ug/ml
13) T n-Docosane (C22)	13.723	2073585	16.118 ug/ml
14) T n-Tetracosane (C24)	14.821	2038699	15.699 ug/ml
15) T n-Hexacosane (C26)	15.837	2011996	15.610 ug/ml
16) T n-Octacosane (C28)	16.783	1986179	15.582 ug/ml
17) T n-Tricontane (C30)	17.668	1911050	15.589 ug/ml
18) T n-Dotriacontane (C32)	18.497	1635358	15.622 ug/ml
19) T n-Tetratriacontane (C34)	19.278	1412683	15.974 ug/ml
20) T n-Hexatriacontane (C36)	20.014	1307926	16.596 ug/ml
21) T n-Octatriacontane (C38)	20.733	1221189	16.562 ug/ml
22) T n-Tetracontane (C40)	21.607	1260896	16.659 ug/ml

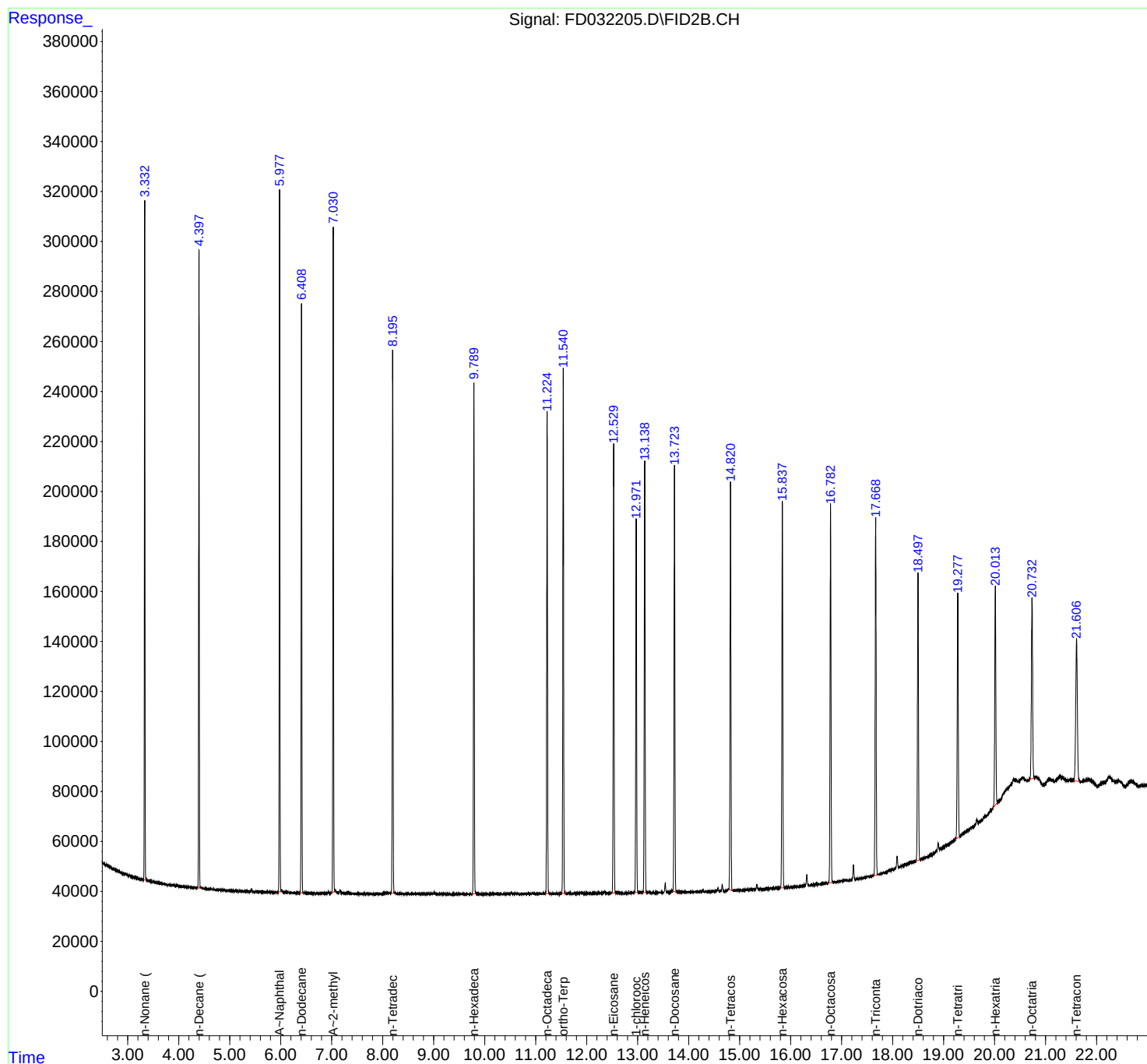
(f)=RT Delta > 1/2 Window

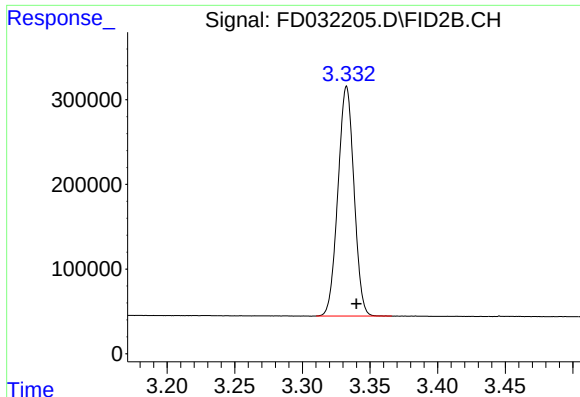
(m)=manual int.

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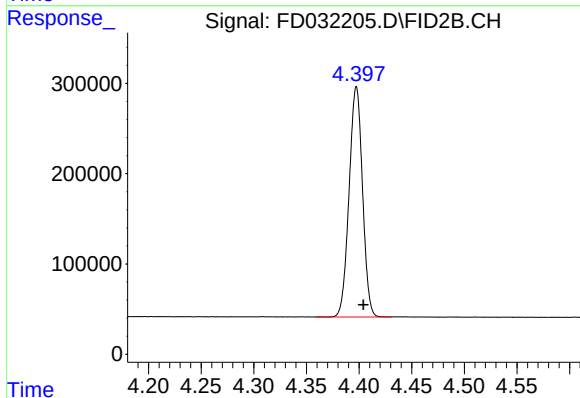
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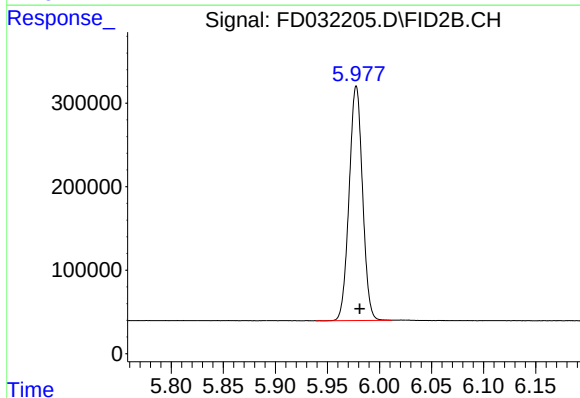
#1 n-Nonane (C9)

R.T.: 3.333 min
Delta R.T.: -0.007 min
Response: 2237603
Conc: 19.04 ug/ml



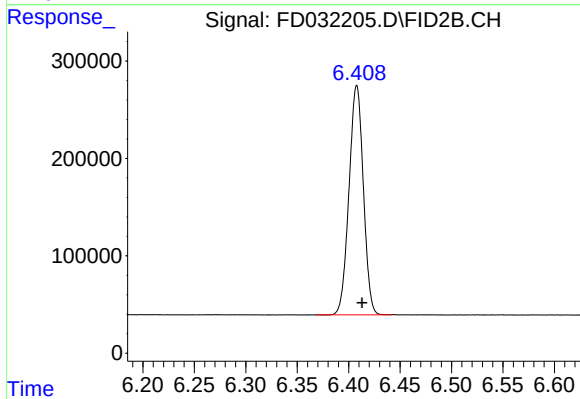
#2 n-Decane (C10)

R.T.: 4.398 min
Delta R.T.: -0.007 min
Response: 2260051
Conc: 19.18 ug/ml



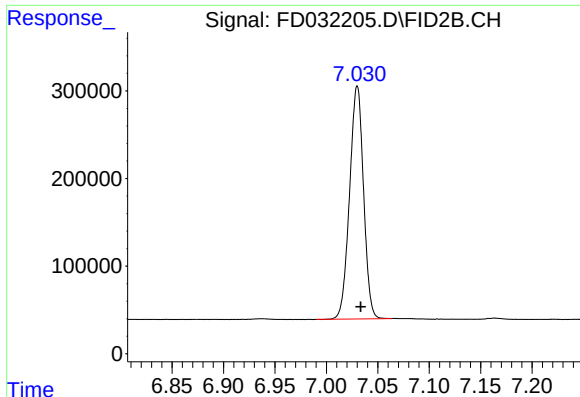
#3 A~Naphthalene (C11.7)

R.T.: 5.978 min
Delta R.T.: -0.003 min
Response: 2515315
Conc: 19.01 ug/ml



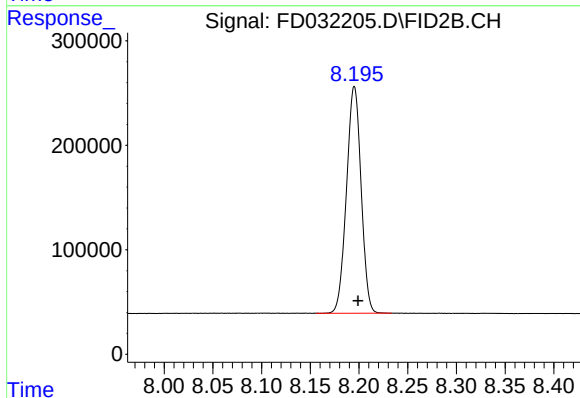
#4 n-Dodecane (C12)

R.T.: 6.408 min
Delta R.T.: -0.005 min
Response: 2284534
Conc: 19.20 ug/ml



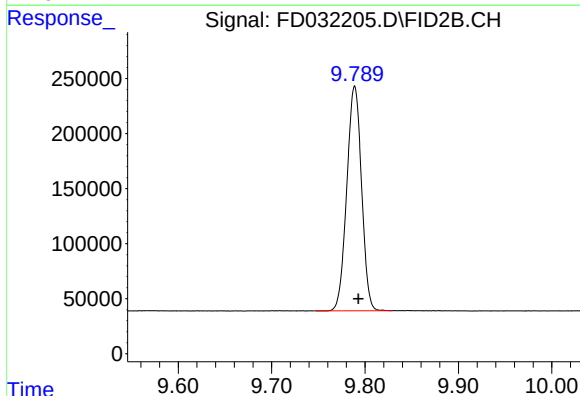
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.030 min
Delta R.T.: -0.003 min
Response: 2510948
Conc: 18.73 ug/ml



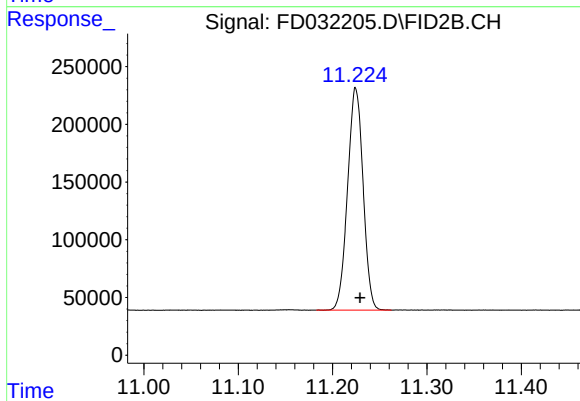
#6 n-Tetradecane (C14)

R.T.: 8.195 min
Delta R.T.: -0.004 min
Response: 2268357
Conc: 18.69 ug/ml



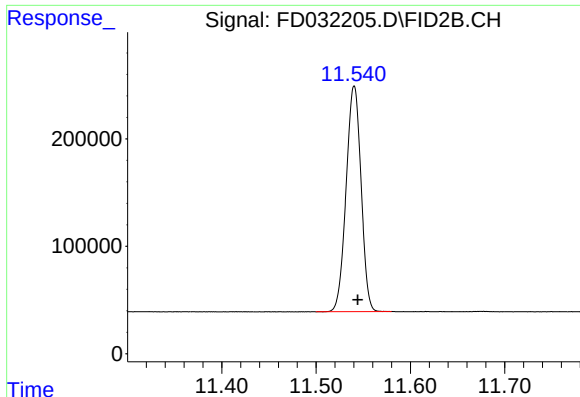
#7 n-Hexadecane (C16)

R.T.: 9.789 min
Delta R.T.: -0.004 min
Response: 2240268
Conc: 18.07 ug/ml



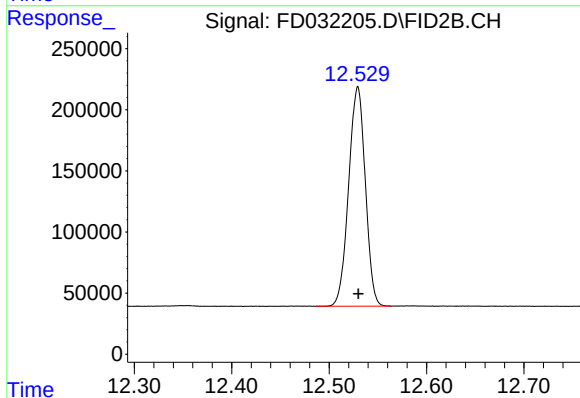
#8 n-Octadecane (C18)

R.T.: 11.225 min
Delta R.T.: -0.004 min
Response: 2198329
Conc: 17.41 ug/ml



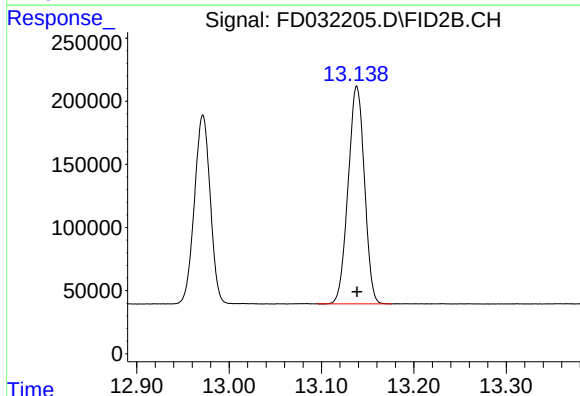
#9 ortho-Terphenyl (SURR)

R.T.: 11.540 min
Delta R.T.: -0.004 min
Response: 2311645
Conc: 16.73 ug/ml



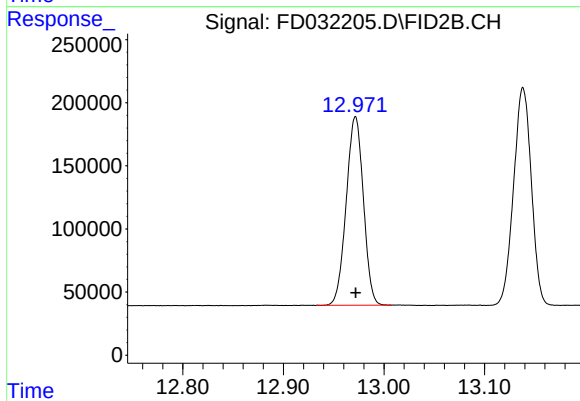
#10 n-Eicosane (C20)

R.T.: 12.530 min
Delta R.T.: 0.000 min
Response: 2136221
Conc: 16.74 ug/ml



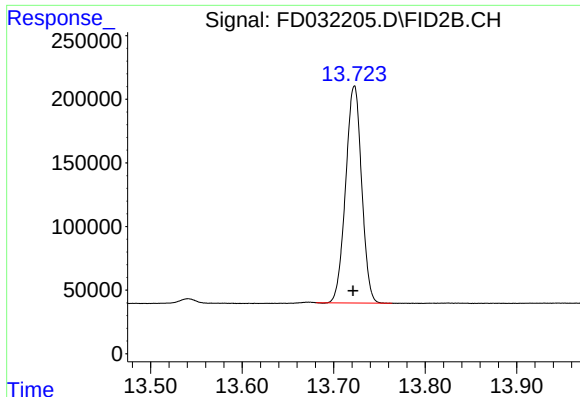
#11 n-Heneicosane (C21)

R.T.: 13.138 min
Delta R.T.: 0.000 min
Response: 2115132
Conc: 16.42 ug/ml



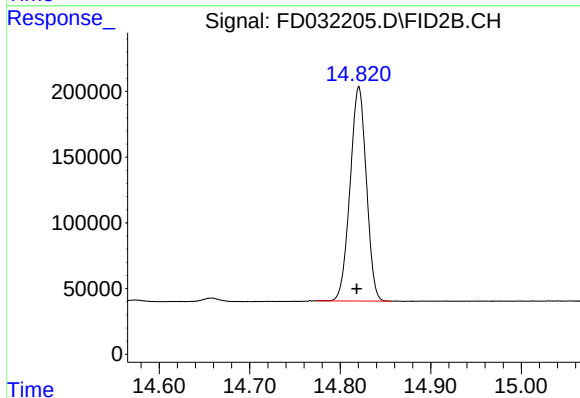
#12 1-chlorooctadecane (SURR)

R.T.: 12.972 min
Delta R.T.: 0.000 min
Response: 1772771
Conc: 16.27 ug/ml



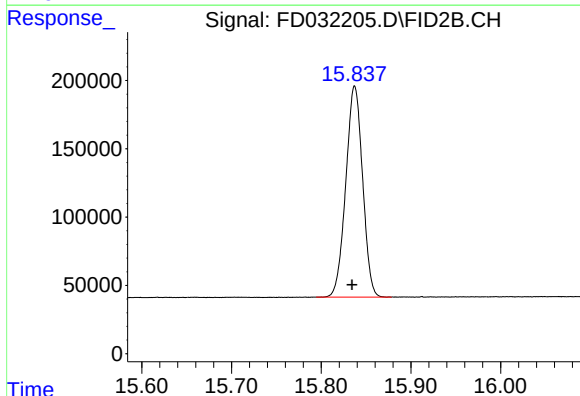
#13 n-Docosane (C22)

R.T.: 13.723 min
Delta R.T.: 0.002 min
Response: 2073585
Conc: 16.12 ug/ml



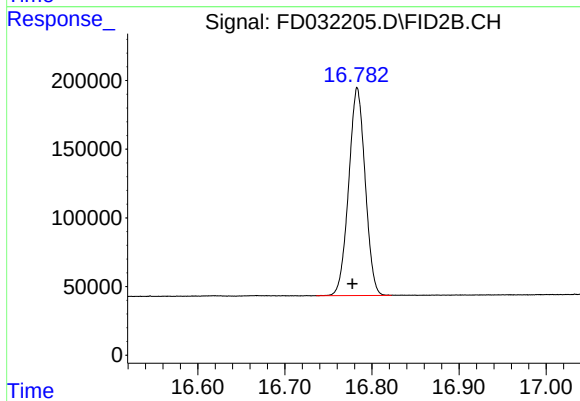
#14 n-Tetracosane (C24)

R.T.: 14.821 min
Delta R.T.: 0.002 min
Response: 2038699
Conc: 15.70 ug/ml



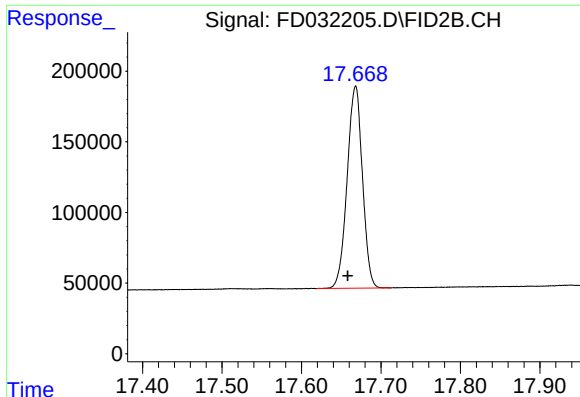
#15 n-Hexacosane (C26)

R.T.: 15.837 min
Delta R.T.: 0.003 min
Response: 2011996
Conc: 15.61 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.783 min
Delta R.T.: 0.006 min
Response: 1986179
Conc: 15.58 ug/ml



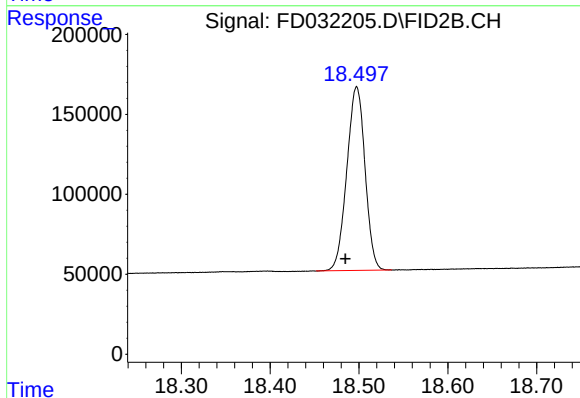
#17 n-Tricontane (C30)

R.T.: 17.668 min

Delta R.T.: 0.010 min

Response: 1911050

Conc: 15.59 ug/ml



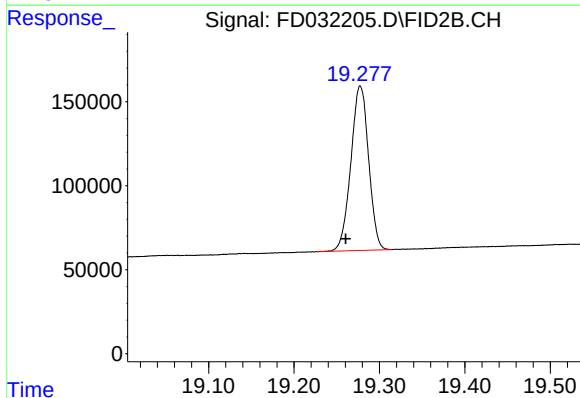
#18 n-Dotriacontane (C32)

R.T.: 18.497 min

Delta R.T.: 0.013 min

Response: 1635358

Conc: 15.62 ug/ml



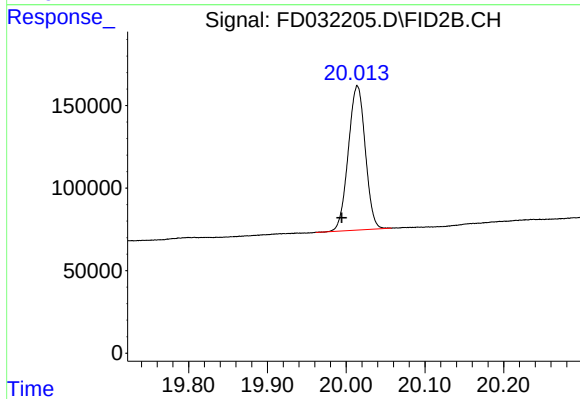
#19 n-Tetratriacontane (C34)

R.T.: 19.278 min

Delta R.T.: 0.017 min

Response: 1412683

Conc: 15.97 ug/ml



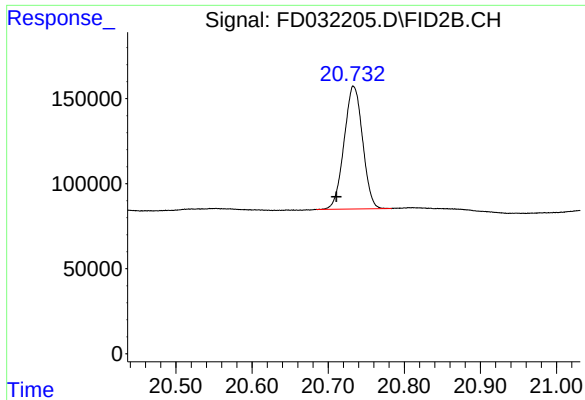
#20 n-Hexatriacontane (C36)

R.T.: 20.014 min

Delta R.T.: 0.020 min

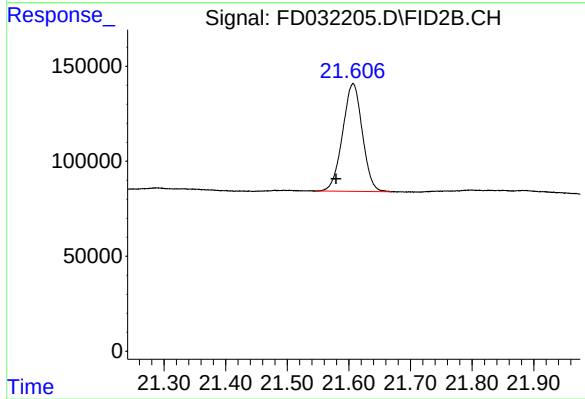
Response: 1307926

Conc: 16.60 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.733 min
Delta R.T.: 0.022 min
Response: 1221189
Conc: 16.56 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.607 min
Delta R.T.: 0.028 min
Response: 1260896
Conc: 16.66 ug/ml