

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD012220AL\
 Data File : FD032106.D
 Signal(s) : FID2B.CH
 Acq On : 22 Jan 2020 21:03
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 23 00:51:59 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)	11.536	2547257	18.439 ug/ml
Spiked Amount 50.000		Recovery =	36.88%
12) S 1-chlorooctadecane (S...	12.966	1939945	17.809 ug/ml
Spiked Amount 50.000		Recovery =	35.62%
Target Compounds			
1) T n-Nonane (C9)	3.334	2419649	20.587 ug/ml
2) T n-Decane (C10)	4.398	2441269	20.722 ug/ml
3) T A~Naphthalene (C11.7)	5.975	2734463	20.669 ug/ml
4) T n-Dodecane (C12)	6.407	2462946	20.694 ug/ml
5) T A~2-methylnaphthalene...	7.026	2735756	20.410 ug/ml
6) T n-Tetradecane (C14)	8.192	2450655	20.192 ug/ml
7) T n-Hexadecane (C16)	9.786	2432933	19.629 ug/ml
8) T n-Octadecane (C18)	11.221	2391716	18.940 ug/ml
10) T n-Eicosane (C20)	12.524	2329987	18.260 ug/ml
11) T n-Heneicosane (C21)	13.133	2307440	17.913 ug/ml
13) T n-Docosane (C22)	13.716	2268441	17.633 ug/ml
14) T n-Tetracosane (C24)	14.814	2212447	17.037 ug/ml
15) T n-Hexacosane (C26)	15.830	2203767	17.098 ug/ml
16) T n-Octacosane (C28)	16.774	2168940	17.016 ug/ml
17) T n-Tricontane (C30)	17.655	2071717	16.899 ug/ml
18) T n-Dotriacontane (C32)	18.484	1772226	16.929 ug/ml
19) T n-Tetratriacontane (C34)	19.263	1499498	16.956 ug/ml
20) T n-Hexatriacontane (C36)	19.999	1357159	17.220 ug/ml
21) T n-Octatriacontane (C38)	20.716	1283562	17.407 ug/ml
22) T n-Tetracontane (C40)	21.582	1328631	17.554 ug/ml

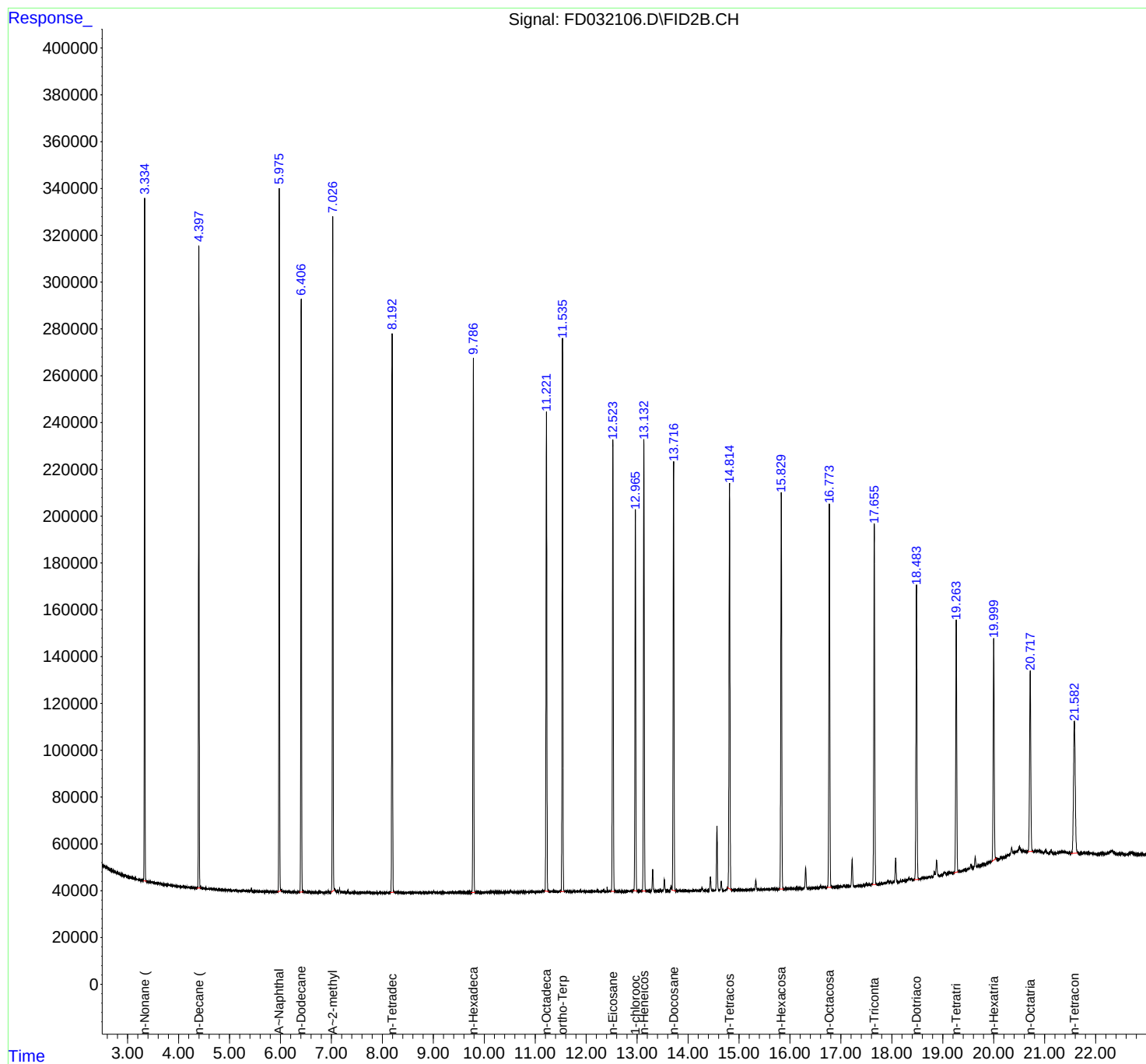
(f)=RT Delta > 1/2 Window

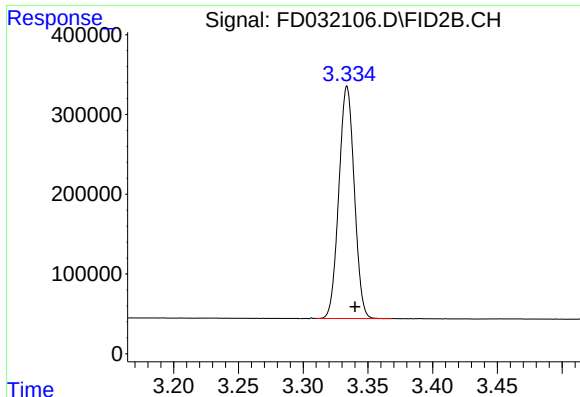
(m)=manual int.

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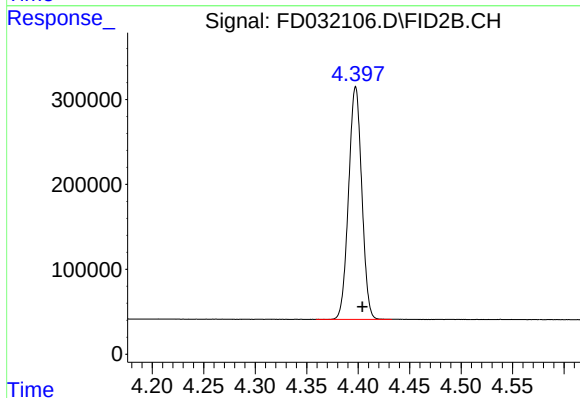
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





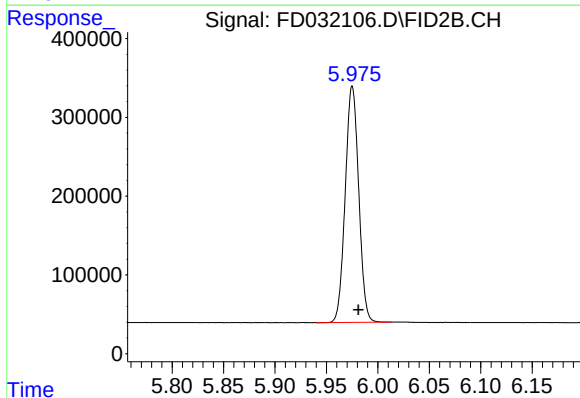
#1 n-Nonane (C9)

R.T.: 3.334 min
Delta R.T.: -0.006 min
Response: 2419649
Conc: 20.59 ug/ml



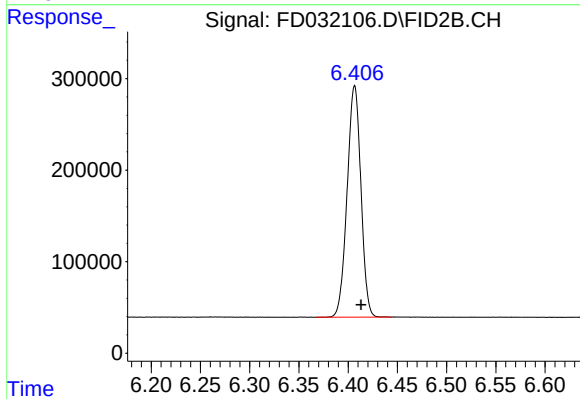
#2 n-Decane (C10)

R.T.: 4.398 min
Delta R.T.: -0.007 min
Response: 2441269
Conc: 20.72 ug/ml



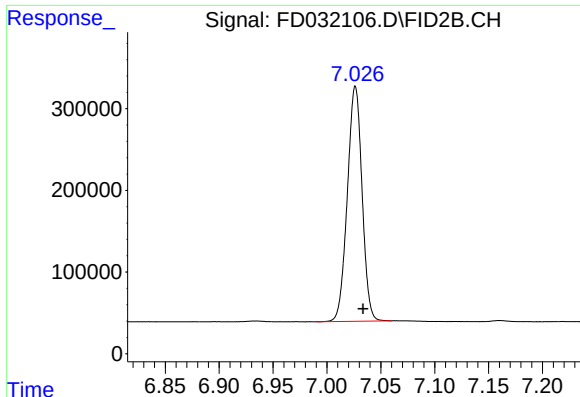
#3 A~Naphthalene (C11.7)

R.T.: 5.975 min
Delta R.T.: -0.006 min
Response: 2734463
Conc: 20.67 ug/ml



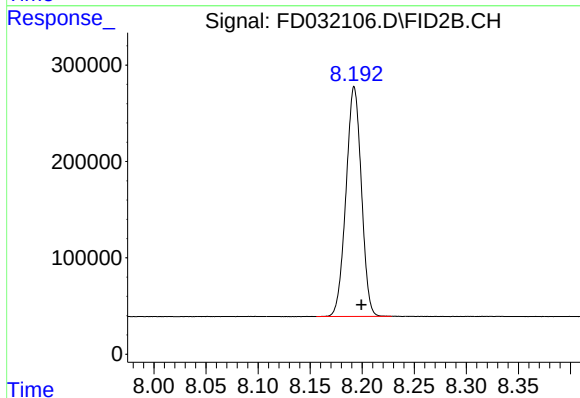
#4 n-Dodecane (C12)

R.T.: 6.407 min
Delta R.T.: -0.006 min
Response: 2462946
Conc: 20.69 ug/ml



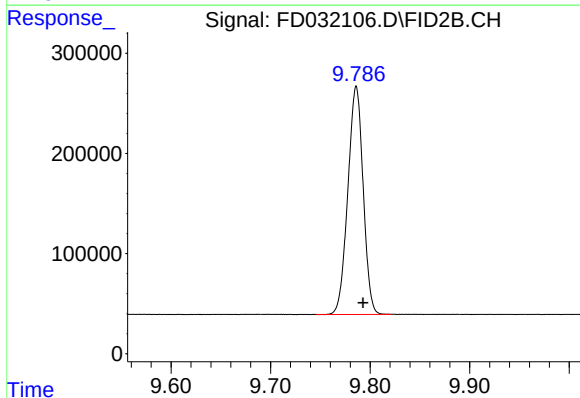
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.026 min
Delta R.T.: -0.007 min
Response: 2735756
Conc: 20.41 ug/ml



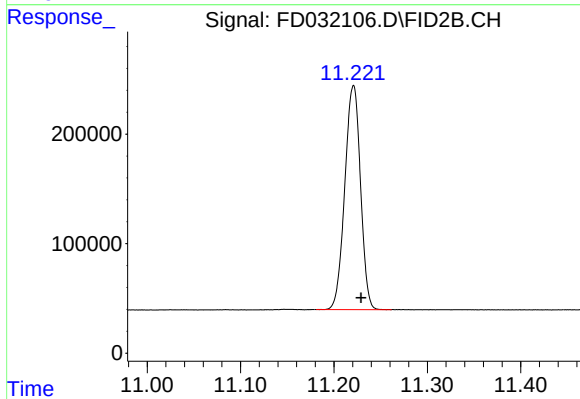
#6 n-Tetradecane (C14)

R.T.: 8.192 min
Delta R.T.: -0.007 min
Response: 2450655
Conc: 20.19 ug/ml



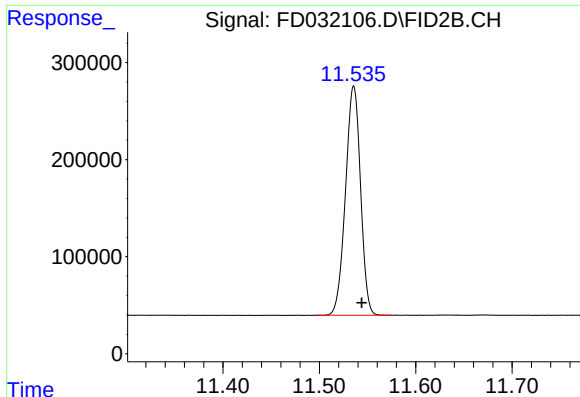
#7 n-Hexadecane (C16)

R.T.: 9.786 min
Delta R.T.: -0.007 min
Response: 2432933
Conc: 19.63 ug/ml



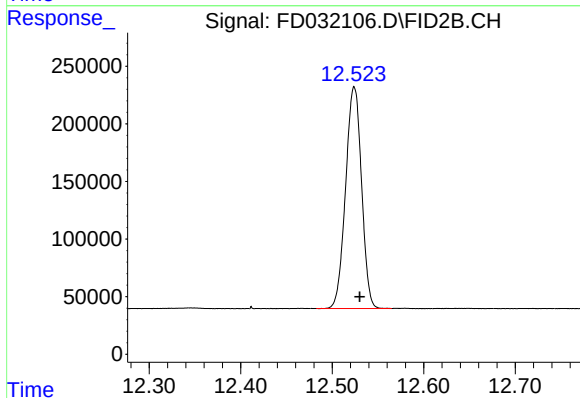
#8 n-Octadecane (C18)

R.T.: 11.221 min
Delta R.T.: -0.008 min
Response: 2391716
Conc: 18.94 ug/ml



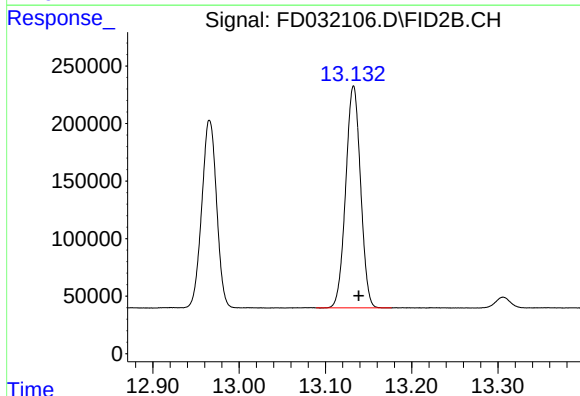
#9 ortho-Terphenyl (SURR)

R.T.: 11.536 min
Delta R.T.: -0.008 min
Response: 2547257
Conc: 18.44 ug/ml



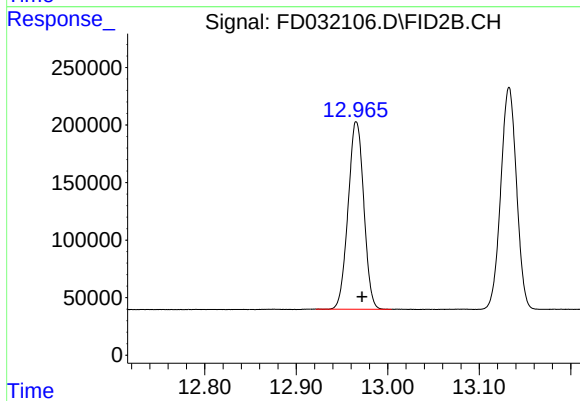
#10 n-Eicosane (C20)

R.T.: 12.524 min
Delta R.T.: -0.006 min
Response: 2329987
Conc: 18.26 ug/ml



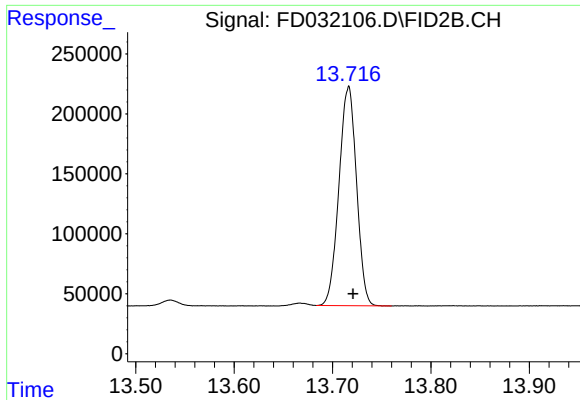
#11 n-Heneicosane (C21)

R.T.: 13.133 min
Delta R.T.: -0.006 min
Response: 2307440
Conc: 17.91 ug/ml



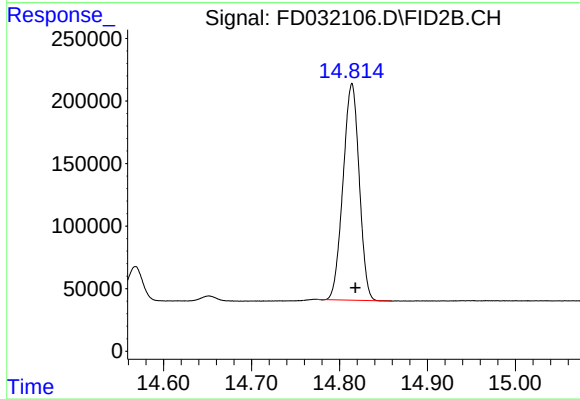
#12 1-chlorooctadecane (SURR)

R.T.: 12.966 min
Delta R.T.: -0.006 min
Response: 1939945
Conc: 17.81 ug/ml



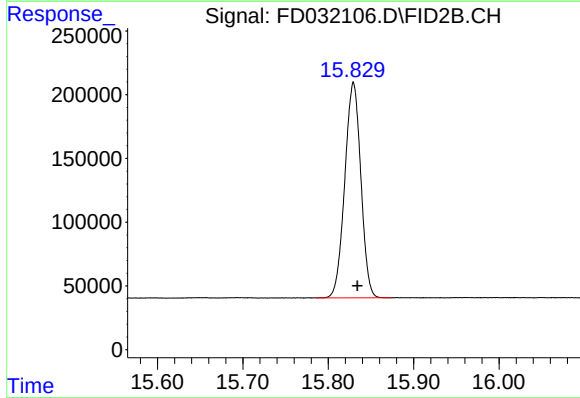
#13 n-Docosane (C22)

R.T.: 13.716 min
Delta R.T.: -0.005 min
Response: 2268441
Conc: 17.63 ug/ml



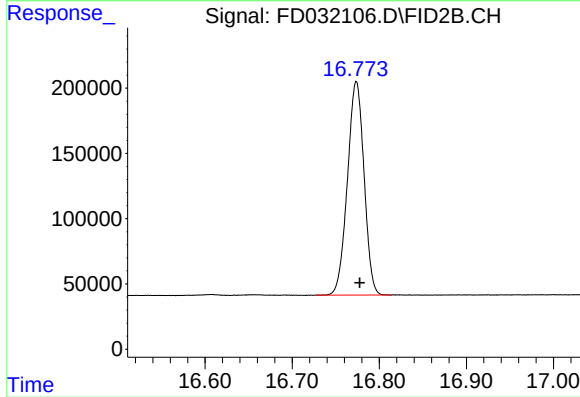
#14 n-Tetracosane (C24)

R.T.: 14.814 min
Delta R.T.: -0.004 min
Response: 2212447
Conc: 17.04 ug/ml



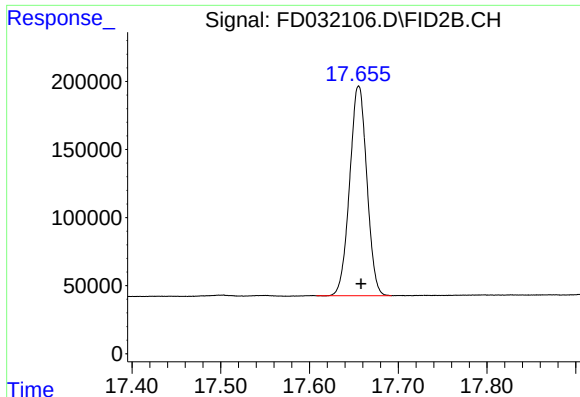
#15 n-Hexacosane (C26)

R.T.: 15.830 min
Delta R.T.: -0.005 min
Response: 2203767
Conc: 17.10 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.774 min
Delta R.T.: -0.004 min
Response: 2168940
Conc: 17.02 ug/ml



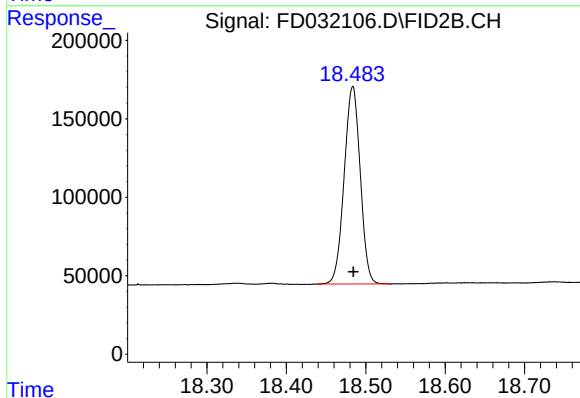
#17 n-Tricontane (C30)

R.T.: 17.655 min

Delta R.T.: -0.003 min

Response: 2071717

Conc: 16.90 ug/ml



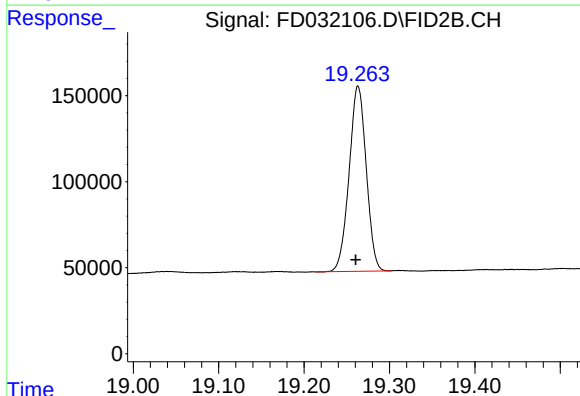
#18 n-Dotriacontane (C32)

R.T.: 18.484 min

Delta R.T.: 0.000 min

Response: 1772226

Conc: 16.93 ug/ml



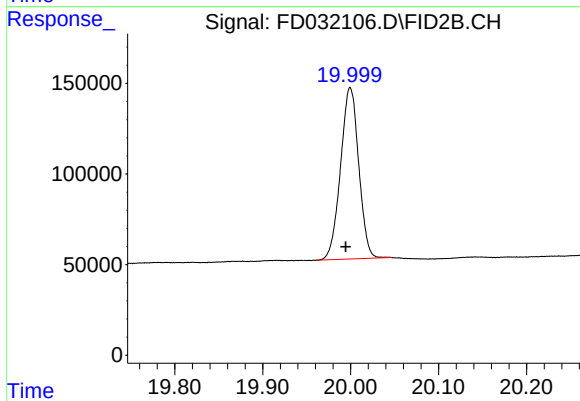
#19 n-Tetratriacontane (C34)

R.T.: 19.263 min

Delta R.T.: 0.003 min

Response: 1499498

Conc: 16.96 ug/ml



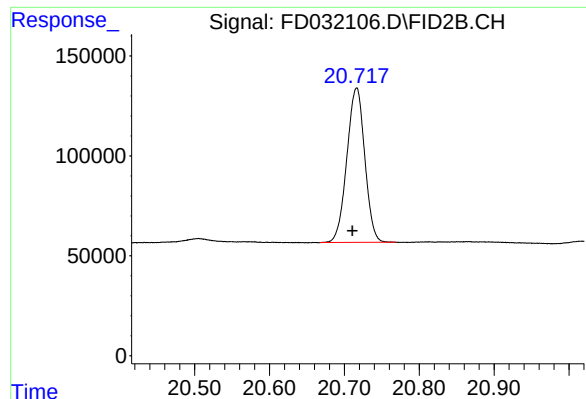
#20 n-Hexatriacontane (C36)

R.T.: 19.999 min

Delta R.T.: 0.005 min

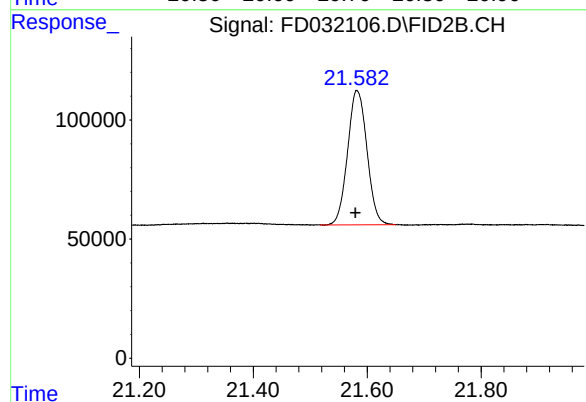
Response: 1357159

Conc: 17.22 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.716 min
Delta R.T.: 0.006 min
Response: 1283562
Conc: 17.41 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.582 min
Delta R.T.: 0.003 min
Response: 1328631
Conc: 17.55 ug/ml