

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD082019AL\
 Data File : FD030209.D
 Signal(s) : FID2B.CH
 Acq On : 20 Aug 2019 15:57
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 20 23:21:11 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 080819.M
 Quant Title : GC Extractables
 Qlast Update : Thu Aug 08 17:24:17 2019
 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)	11.557	2784037	20.254 ug/ml
Spiked Amount 50.000		Recovery =	40.51%
12) S 1-chlorooctadecane (S...	12.982	2239932	19.639 ug/ml
Spiked Amount 50.000		Recovery =	39.28%
Target Compounds			
1) T n-Nonane (C9)	3.356	2751904	22.995 ug/ml
2) T n-Decane (C10)	4.418	2811307	23.117 ug/ml
3) T A~Naphthalene (C11.7)	5.998	3151718	22.893 ug/ml
4) T n-Dodecane (C12)	6.427	2816709	23.099 ug/ml
5) T A~2-methylnaphthalene...	7.049	3149072	22.769 ug/ml
6) T n-Tetradecane (C14)	8.214	2813538	22.810 ug/ml
7) T n-Hexadecane (C16)	9.806	2784407	22.299 ug/ml
8) T n-Octadecane (C18)	11.240	2726528	21.326 ug/ml
10) T n-Eicosane (C20)	12.540	2636866	20.310 ug/ml
11) T n-Heneicosane (C21)	13.148	2566162	19.759 ug/ml
13) T n-Docosane (C22)	13.730	2515941	19.268 ug/ml
14) T n-Tetracosane (C24)	14.825	2434215	18.547 ug/ml
15) T n-Hexacosane (C26)	15.837	2341383	18.153 ug/ml
16) T n-Octacosane (C28)	16.780	2306903	18.182 ug/ml
17) T n-Tricontane (C30)	17.659	2249072	18.559 ug/ml
18) T n-Dotriacontane (C32)	18.485	2096291	18.695 ug/ml
19) T n-Tetratriacontane (C34)	19.261	1800505	20.307 ug/mlm
20) T n-Hexatriacontane (C36)	19.994	1607979	21.636 ug/mlm
21) T n-Octatriacontane (C38)	20.712	1533814	23.043 ug/mlm
22) T n-Tetracontane (C40)	21.582	1525485	21.596 ug/ml

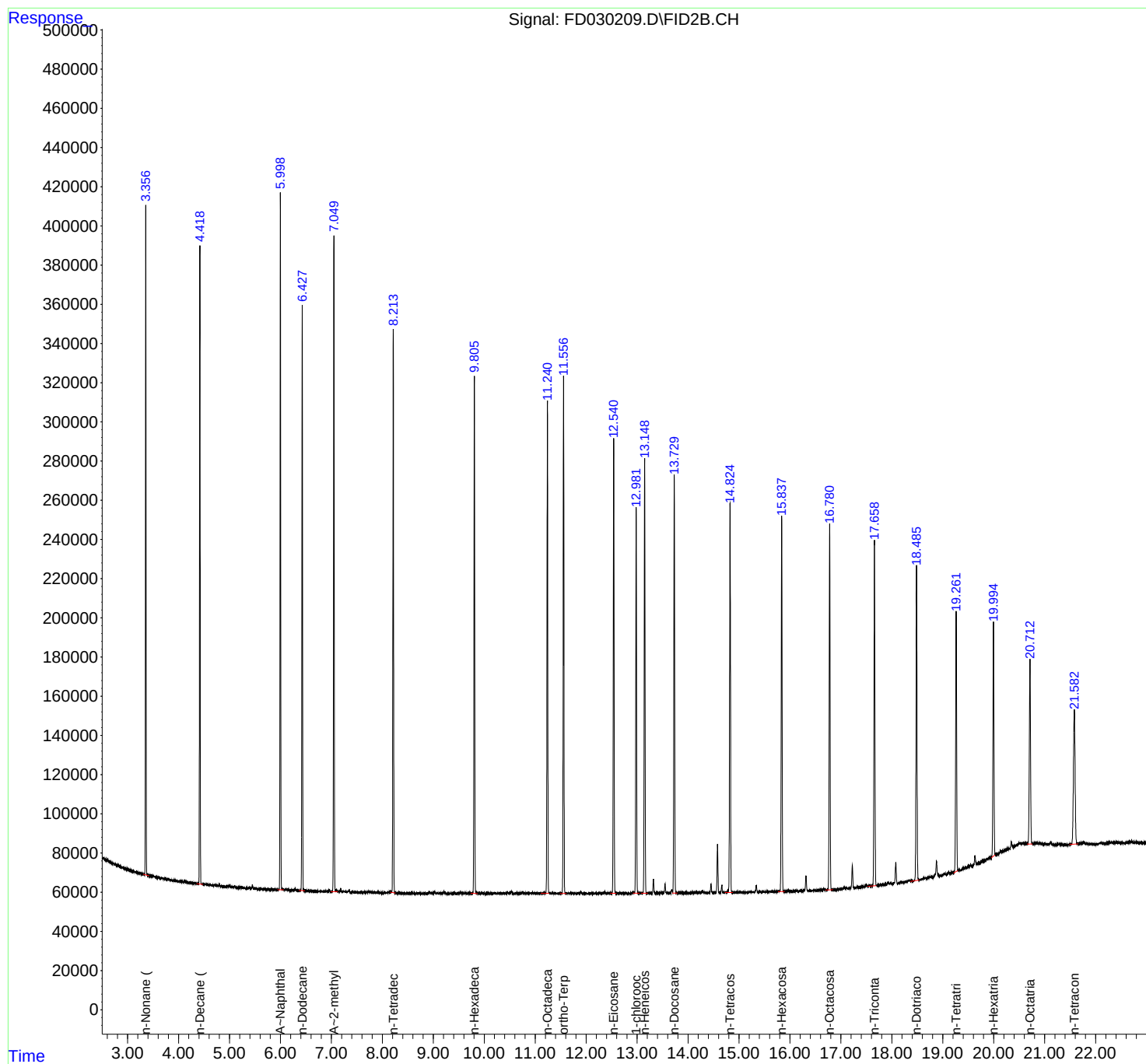
(f)=RT Delta > 1/2 Window

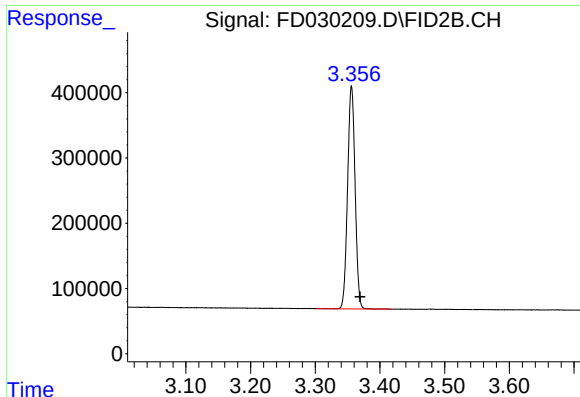
(m)=manual int.

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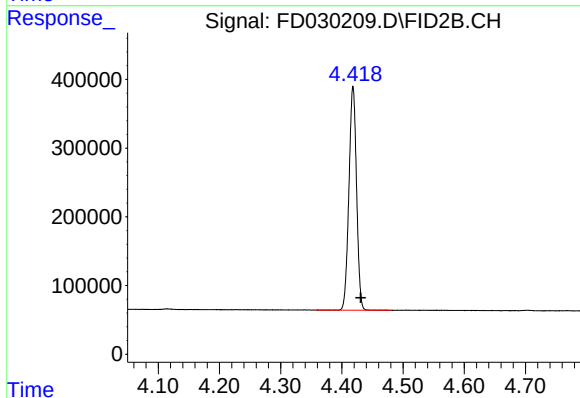
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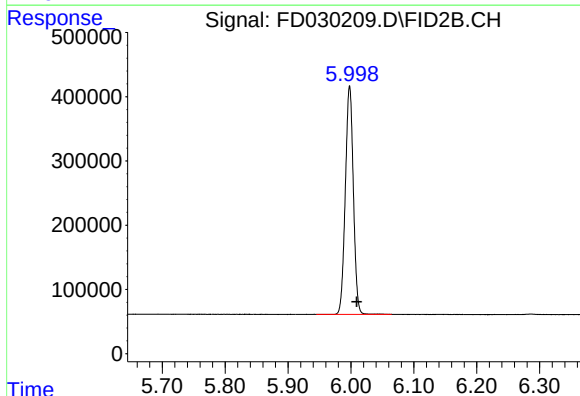
#1 n-Nonane (C9)

R.T.: 3.356 min
Delta R.T.: -0.013 min
Response: 2751904
Conc: 23.00 ug/ml



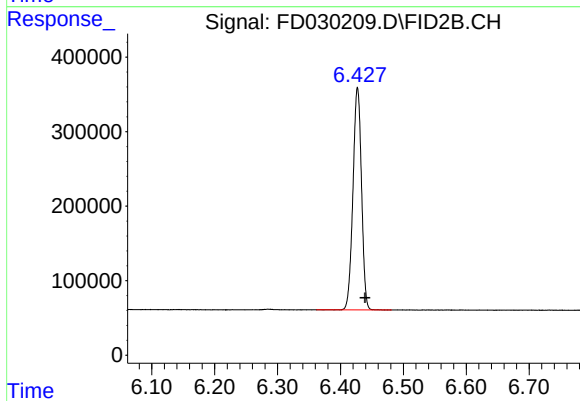
#2 n-Decane (C10)

R.T.: 4.418 min
Delta R.T.: -0.012 min
Response: 2811307
Conc: 23.12 ug/ml



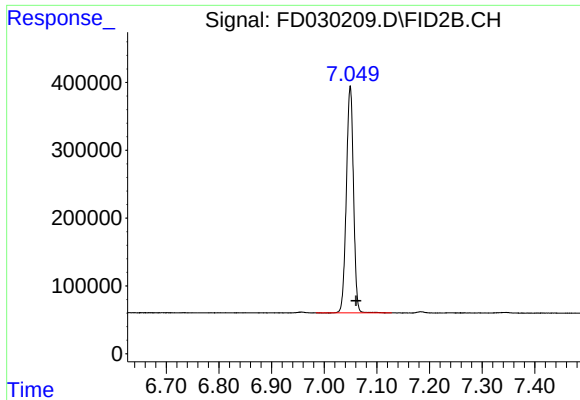
#3 A~Naphthalene (C11.7)

R.T.: 5.998 min
Delta R.T.: -0.012 min
Response: 3151718
Conc: 22.89 ug/ml



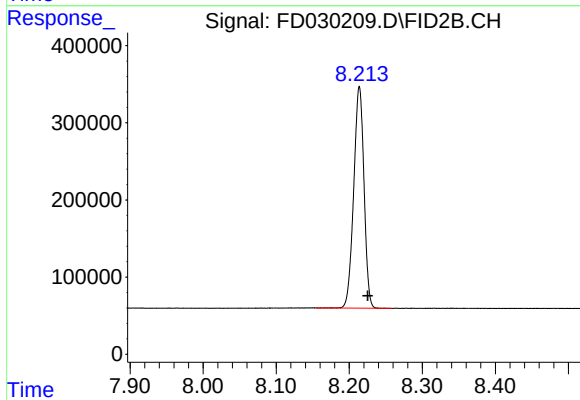
#4 n-Dodecane (C12)

R.T.: 6.427 min
Delta R.T.: -0.012 min
Response: 2816709
Conc: 23.10 ug/ml



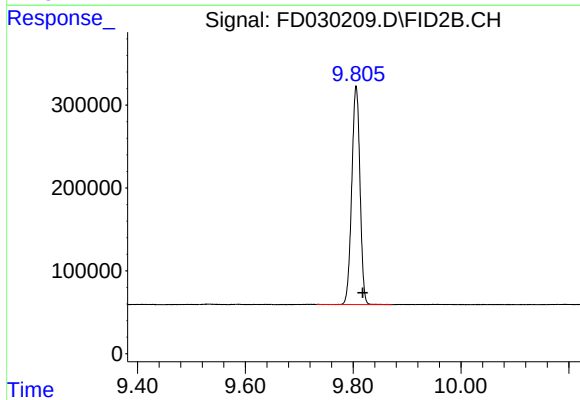
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.049 min
Delta R.T.: -0.011 min
Response: 3149072
Conc: 22.77 ug/ml



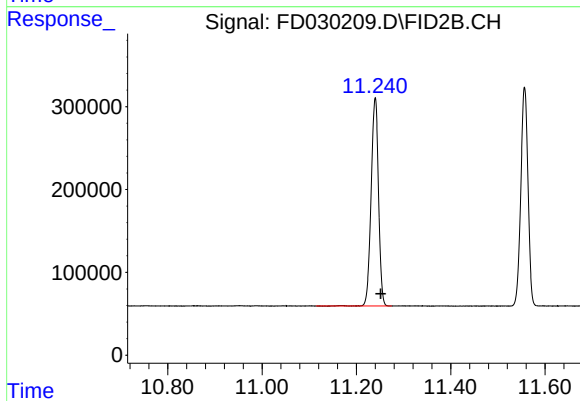
#6 n-Tetradecane (C14)

R.T.: 8.214 min
Delta R.T.: -0.012 min
Response: 2813538
Conc: 22.81 ug/ml



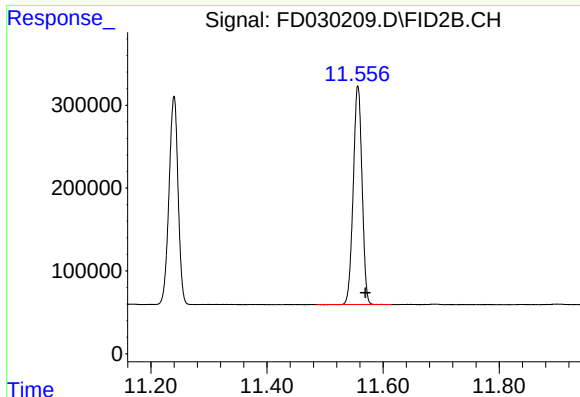
#7 n-Hexadecane (C16)

R.T.: 9.806 min
Delta R.T.: -0.012 min
Response: 2784407
Conc: 22.30 ug/ml



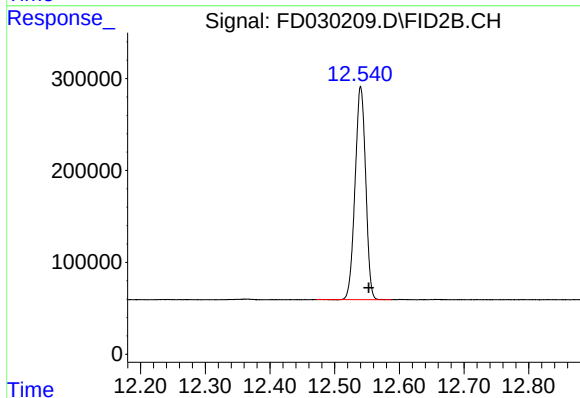
#8 n-Octadecane (C18)

R.T.: 11.240 min
Delta R.T.: -0.012 min
Response: 2726528
Conc: 21.33 ug/ml



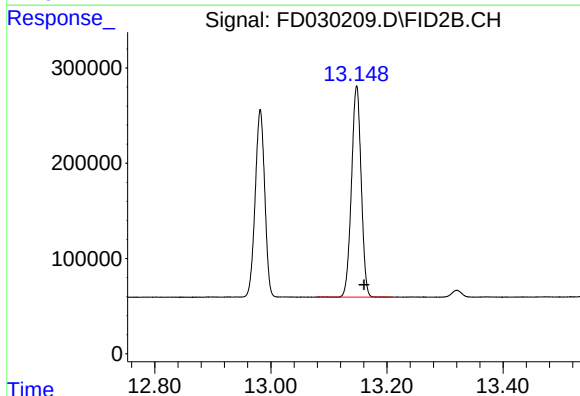
#9 ortho-Terphenyl (SURR)

R.T.: 11.557 min
Delta R.T.: -0.012 min
Response: 2784037
Conc: 20.25 ug/ml



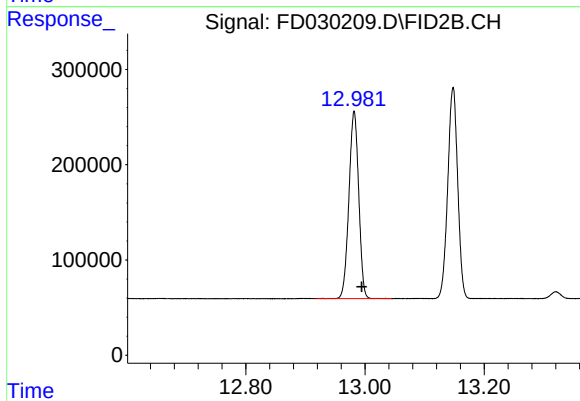
#10 n-Eicosane (C20)

R.T.: 12.540 min
Delta R.T.: -0.012 min
Response: 2636866
Conc: 20.31 ug/ml



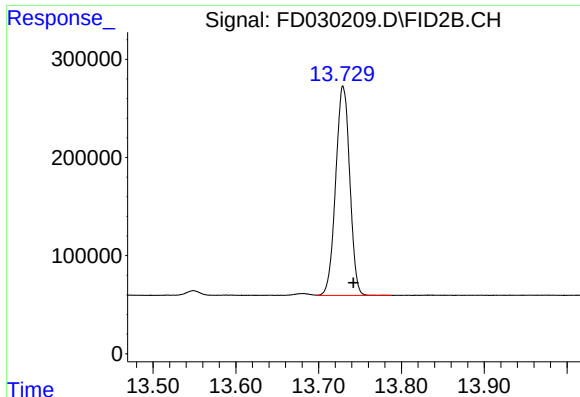
#11 n-Heneicosane (C21)

R.T.: 13.148 min
Delta R.T.: -0.013 min
Response: 2566162
Conc: 19.76 ug/ml



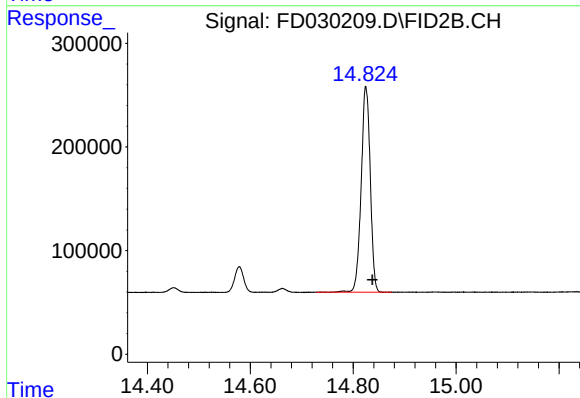
#12 1-chlorooctadecane (SURR)

R.T.: 12.982 min
Delta R.T.: -0.013 min
Response: 2239932
Conc: 19.64 ug/ml



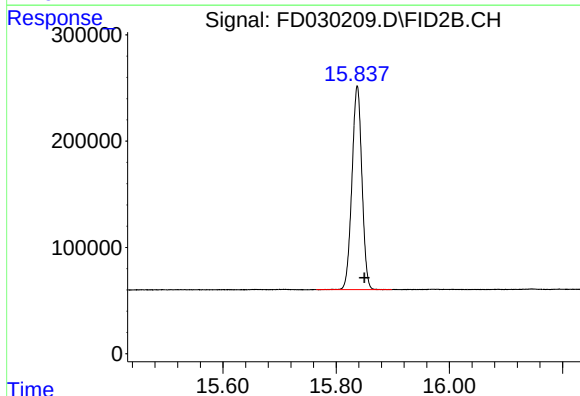
#13 n-Docosane (C22)

R.T.: 13.730 min
Delta R.T.: -0.012 min
Response: 2515941
Conc: 19.27 ug/ml



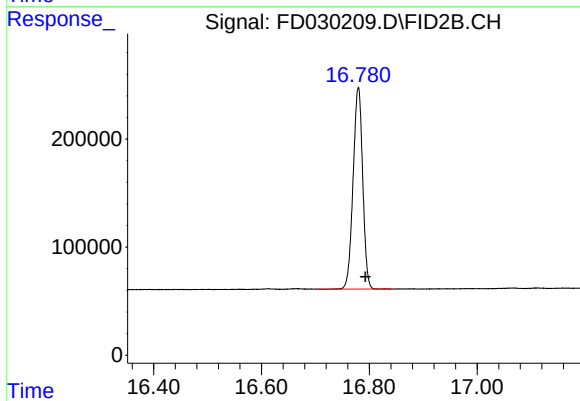
#14 n-Tetracosane (C24)

R.T.: 14.825 min
Delta R.T.: -0.012 min
Response: 2434215
Conc: 18.55 ug/ml



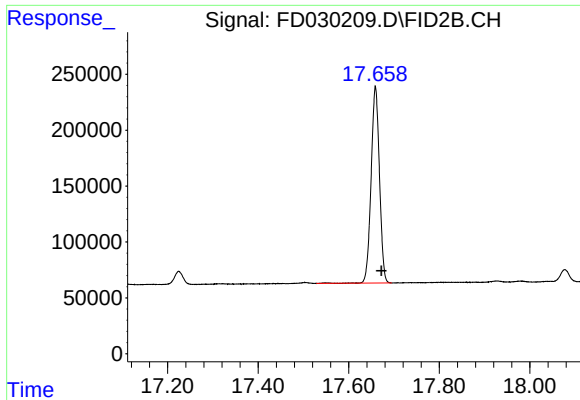
#15 n-Hexacosane (C26)

R.T.: 15.837 min
Delta R.T.: -0.013 min
Response: 2341383
Conc: 18.15 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.780 min
Delta R.T.: -0.013 min
Response: 2306903
Conc: 18.18 ug/ml



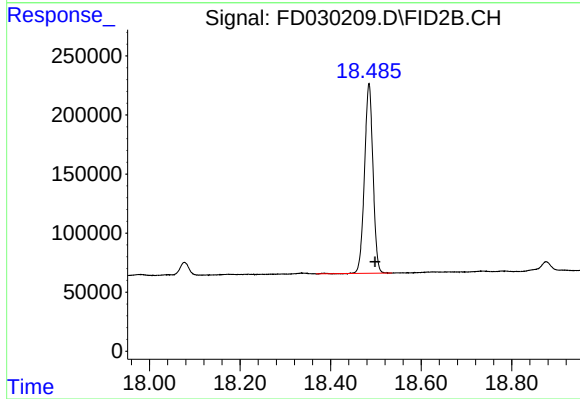
#17 n-Tricontane (C30)

R.T.: 17.659 min

Delta R.T.: -0.013 min

Response: 2249072

Conc: 18.56 ug/ml



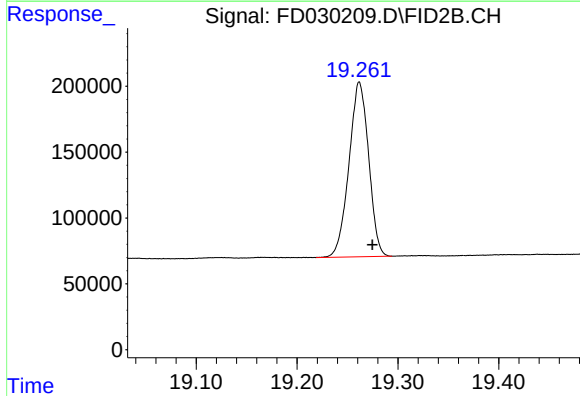
#18 n-Dotriacontane (C32)

R.T.: 18.485 min

Delta R.T.: -0.013 min

Response: 2096291

Conc: 18.70 ug/ml



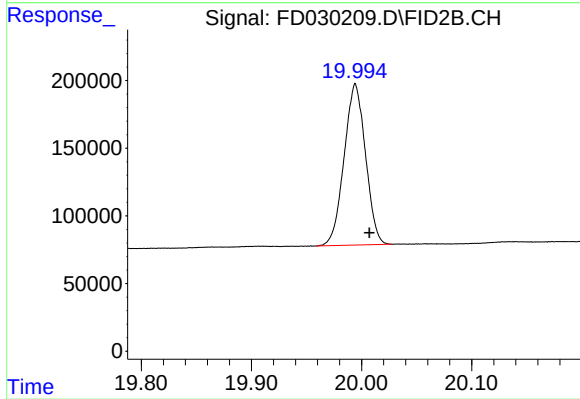
#19 n-Tetratriacontane (C34)

R.T.: 19.261 min

Delta R.T.: -0.013 min

Response: 1800505

Conc: 20.31 ug/ml m



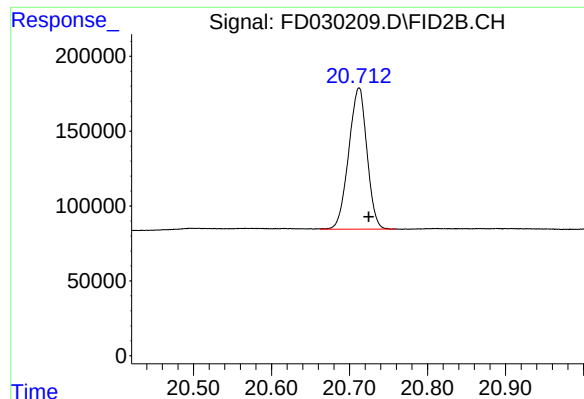
#20 n-Hexatriacontane (C36)

R.T.: 19.994 min

Delta R.T.: -0.013 min

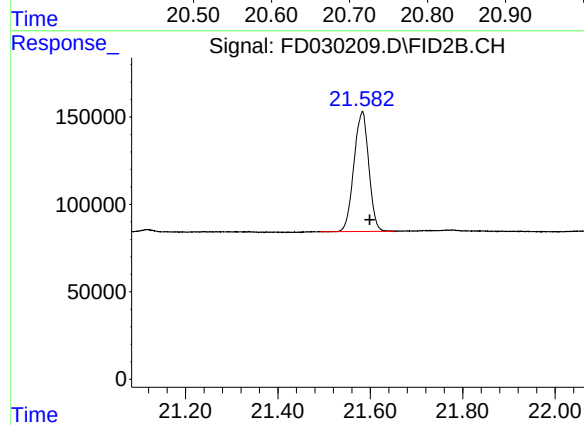
Response: 1607979

Conc: 21.64 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.712 min
Delta R.T.: -0.013 min
Response: 1533814
Conc: 23.04 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.582 min
Delta R.T.: -0.017 min
Response: 1525485
Conc: 21.60 ug/ml