

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071621AL\
 Data File : FD038241.D
 Signal(s) : FID2B.CH
 Acq On : 16 Jul 2021 13:21
 Operator : AJ\MA
 Sample : M2940-03
 Misc : MDL 2.5 PPM
 ALS Vial : 56 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 17 02:05:34 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 070621.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 07 10:58:41 2021
 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			
12) S 1-chlorooctadecane (S...	12.854	5567499	48.833 ug/ml
Spiked Amount 50.000		Recovery =	97.67%
Target Compounds			
1) T n-Nonane (C9)	3.230	259433	2.135 ug/ml
2) T n-Decane (C10)	4.286	255791	2.091 ug/ml
4) T n-Dodecane (C12)	6.290	274975	2.208 ug/ml
6) T n-Tetradecane (C14)	8.077	283179	2.203 ug/ml
7) T n-Hexadecane (C16)	9.670	286144	2.208 ug/ml
8) T n-Octadecane (C18)	11.104	298348	2.215 ug/ml
10) T n-Eicosane (C20)	12.408	273985	2.040 ug/ml
11) T n-Heneicosane (C21)	13.016	278421	2.049 ug/mlm
13) T n-Docosane (C22)	13.600	273541	2.033 ug/ml
14) T n-Tetracosane (C24)	14.697	277798	2.057 ug/ml
15) T n-Hexacosane (C26)	15.714	252710	1.918 ug/ml
16) T n-Octacosane (C28)	16.658	231599	1.776 ug/ml
17) T n-Tricontane (C30)	17.541	247197	1.934 ug/ml
18) T n-Dotriacontane (C32)	18.369	255469	2.076 ug/ml
19) T n-Tetratriacontane (C34)	19.148	240212	2.051 ug/ml
20) T n-Hexatriacontane (C36)	19.885	216355	1.981 ug/ml
21) T n-Octatriacontane (C38)	20.590	225931	2.243 ug/ml
22) T n-Tetracontane (C40)	21.416	228056	2.332 ug/mlm

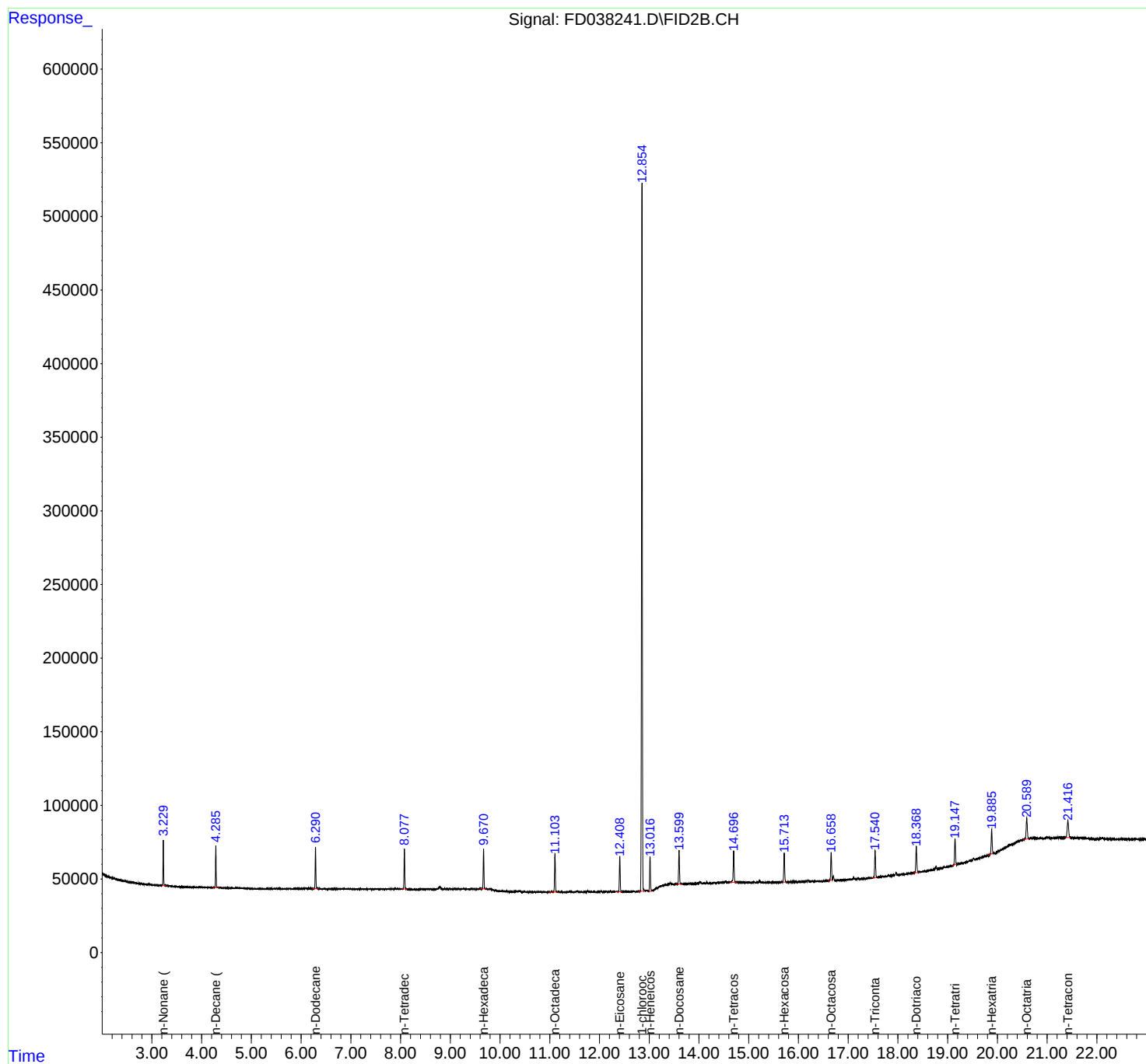
(f)=RT Delta > 1/2 Window

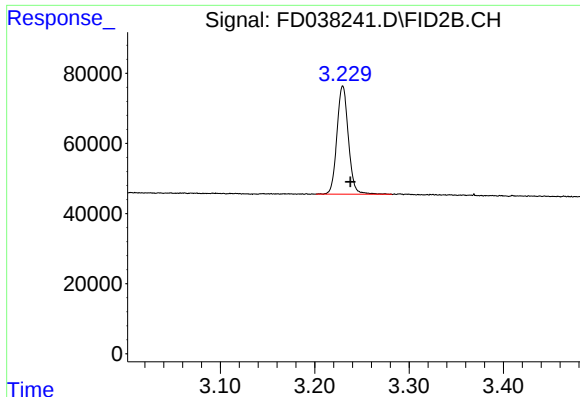
(m)=manual int.

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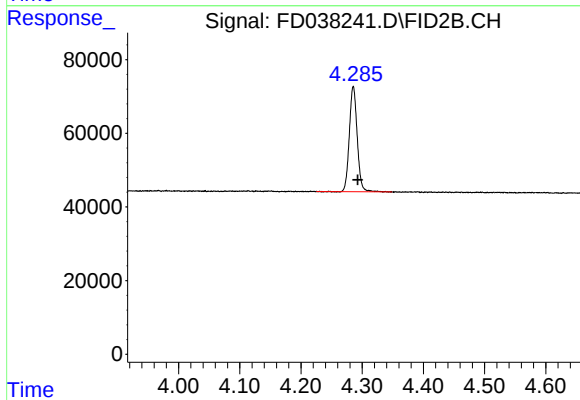
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Signal Info : 20M x 0.18mm x 0.18um





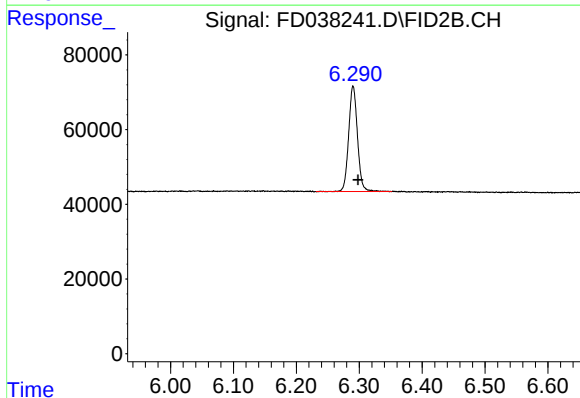
#1 n-Nonane (C9)

R.T.: 3.230 min
Delta R.T.: -0.008 min
Response: 259433
Conc: 2.13 ug/ml



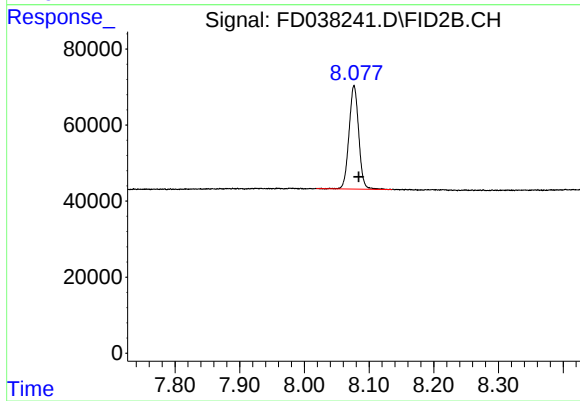
#2 n-Decane (C10)

R.T.: 4.286 min
Delta R.T.: -0.007 min
Response: 255791
Conc: 2.09 ug/ml



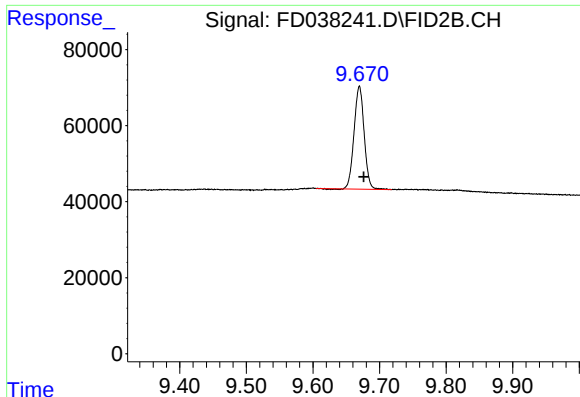
#4 n-Dodecane (C12)

R.T.: 6.290 min
Delta R.T.: -0.008 min
Response: 274975
Conc: 2.21 ug/ml



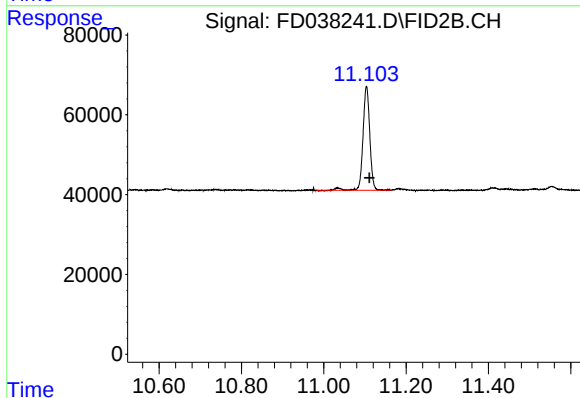
#6 n-Tetradecane (C14)

R.T.: 8.077 min
Delta R.T.: -0.007 min
Response: 283179
Conc: 2.20 ug/ml



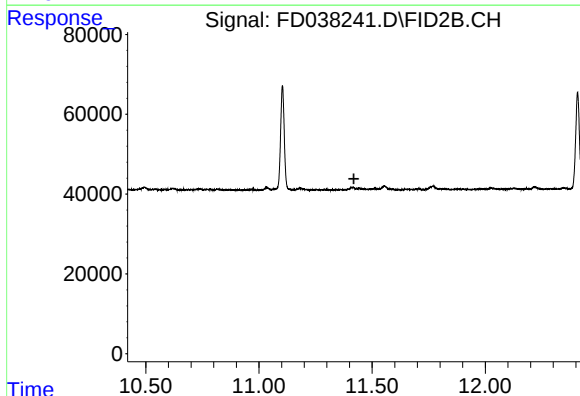
#7 n-Hexadecane (C16)

R.T.: 9.670 min
Delta R.T.: -0.006 min
Response: 286144
Conc: 2.21 ug/ml



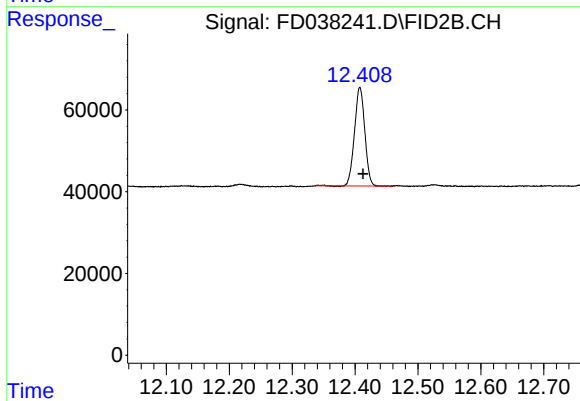
#8 n-Octadecane (C18)

R.T.: 11.104 min
Delta R.T.: -0.007 min
Response: 298348
Conc: 2.22 ug/ml



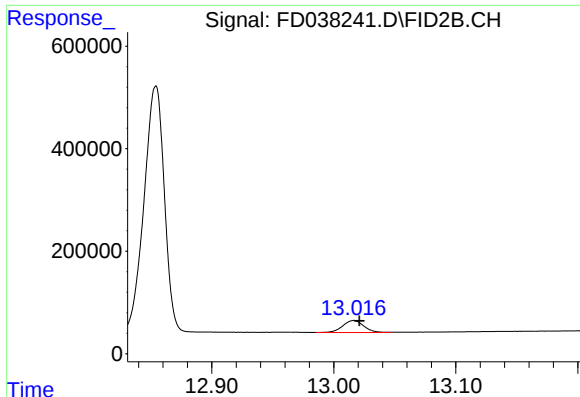
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.420 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.408 min
Delta R.T.: -0.005 min
Response: 273985
Conc: 2.04 ug/ml



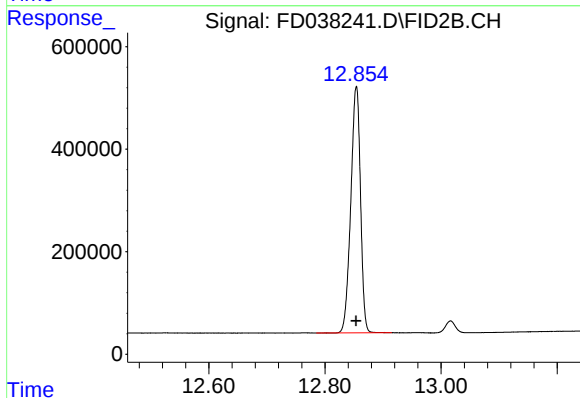
#11 n-Heneicosane (C21)

R.T.: 13.016 min

Delta R.T.: -0.005 min

Response: 278421

Conc: 2.05 ug/ml m



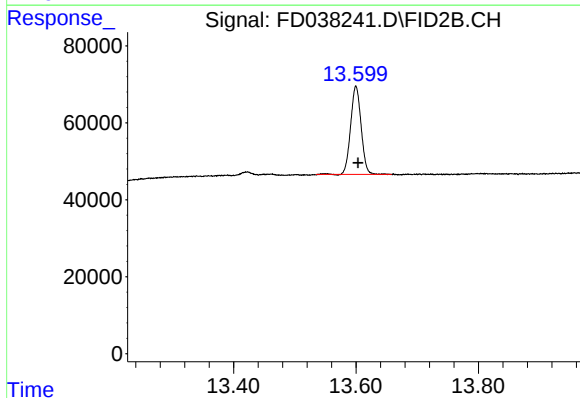
#12 1-chlorooctadecane (SURR)

R.T.: 12.854 min

Delta R.T.: 0.000 min

Response: 5567499

Conc: 48.83 ug/ml



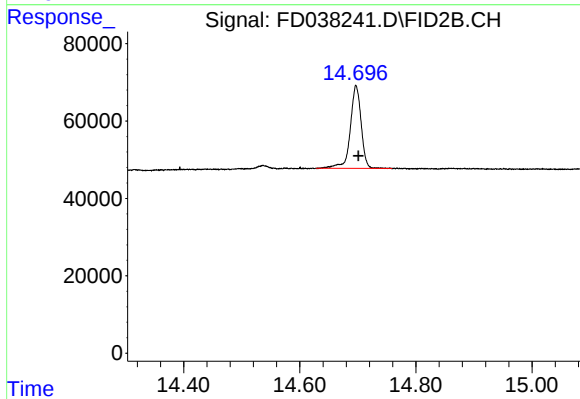
#13 n-Docosane (C22)

R.T.: 13.600 min

Delta R.T.: -0.004 min

Response: 273541

Conc: 2.03 ug/ml



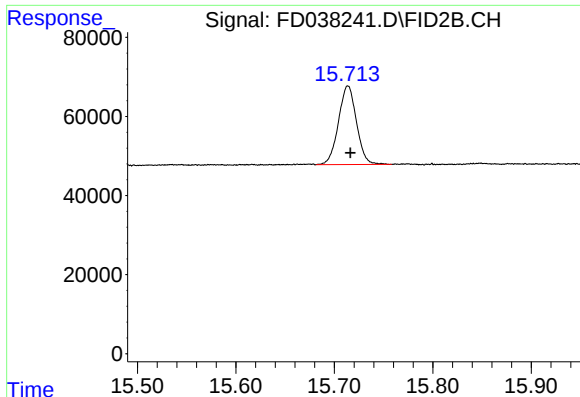
#14 n-Tetracosane (C24)

R.T.: 14.697 min

Delta R.T.: -0.004 min

Response: 277798

Conc: 2.06 ug/ml



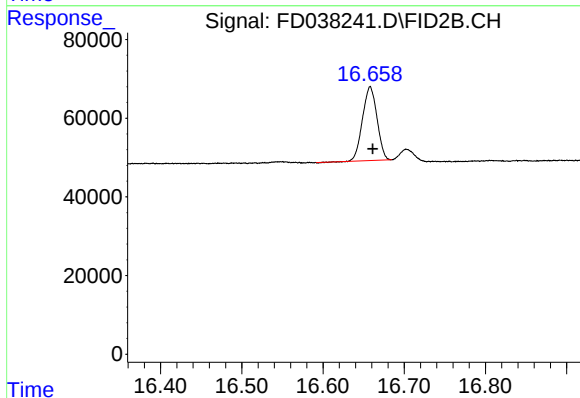
#15 n-Hexacosane (C26)

R.T.: 15.714 min

Delta R.T.: -0.002 min

Response: 252710

Conc: 1.92 ug/ml



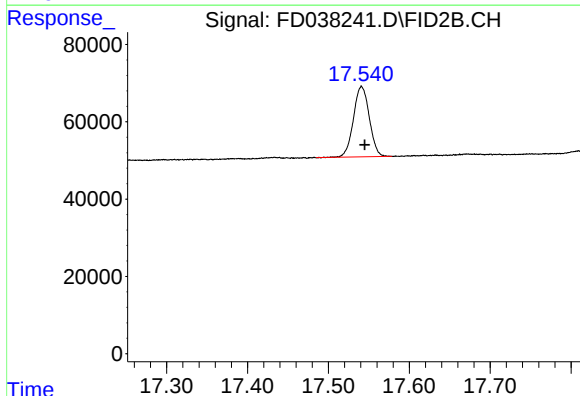
#16 n-Octacosane (C28)

R.T.: 16.658 min

Delta R.T.: -0.003 min

Response: 231599

Conc: 1.78 ug/ml



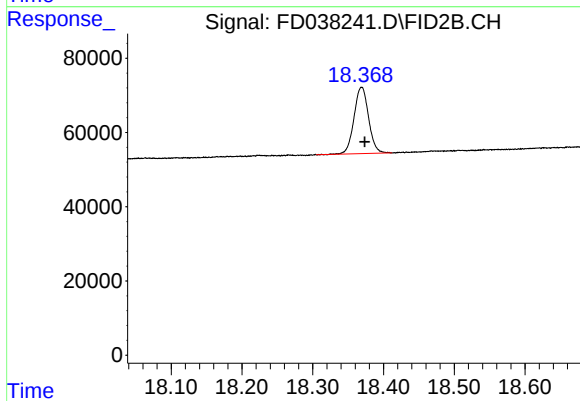
#17 n-Tricontane (C30)

R.T.: 17.541 min

Delta R.T.: -0.004 min

Response: 247197

Conc: 1.93 ug/ml



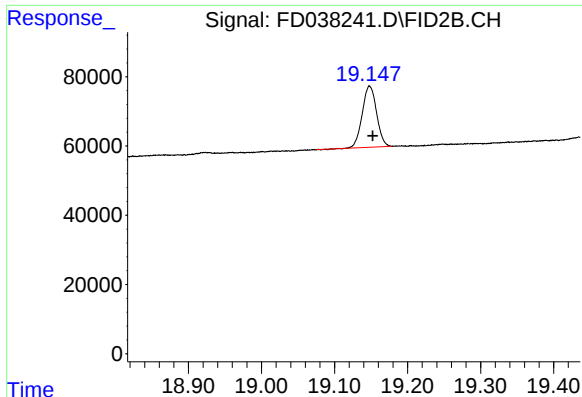
#18 n-Dotriacontane (C32)

R.T.: 18.369 min

Delta R.T.: -0.004 min

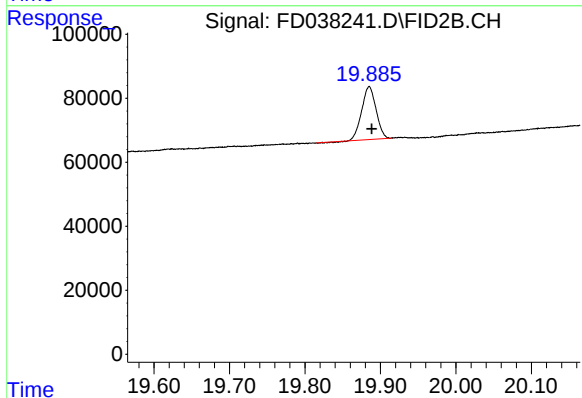
Response: 255469

Conc: 2.08 ug/ml



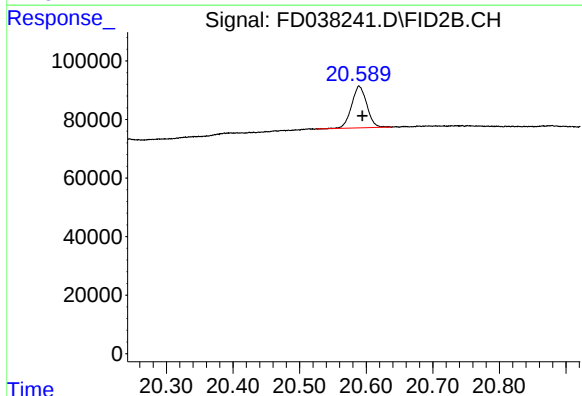
#19 n-Tetratriacontane (C34)

R.T.: 19.148 min
Delta R.T.: -0.004 min
Response: 240212
Conc: 2.05 ug/ml



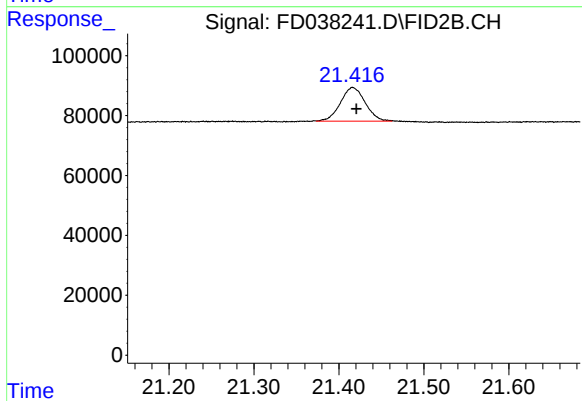
#20 n-Hexatriacontane (C36)

R.T.: 19.885 min
Delta R.T.: -0.003 min
Response: 216355
Conc: 1.98 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.590 min
Delta R.T.: -0.005 min
Response: 225931
Conc: 2.24 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.416 min
Delta R.T.: -0.005 min
Response: 228056
Conc: 2.33 ug/ml m