

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE021622AL\
 Data File : FE035044.D
 Signal(s) : FID1B.CH
 Acq On : 16 Feb 2022 15:09
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 16 15:40:51 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 021622.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 16 13:33:19 2022
 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)	11.742	19808110	19.659 ug/ml
Spiked Amount 50.000		Recovery =	39.32%
12) S 1-chlorooctadecane (S...	13.158	15377560	19.602 ug/ml
Spiked Amount 50.000		Recovery =	39.20%
Target Compounds			
1) T n-Nonane (C9)	3.631	16649225	19.762 ug/ml
2) T n-Decane (C10)	4.621	17055102	19.578 ug/ml
3) T A~Naphthalene (C11.7)	6.175	18823244	19.746 ug/ml
4) T n-Dodecane (C12)	6.593	17701977	19.539 ug/ml
5) T A~2-methylnaphthalene...	7.225	19022557	19.727 ug/ml
6) T n-Tetradecane (C14)	8.377	17779763	19.556 ug/ml
7) T n-Hexadecane (C16)	9.972	17976666	19.560 ug/ml
8) T n-Octadecane (C18)	11.412	18147351	19.540 ug/ml
10) T n-Eicosane (C20)	12.714	17969784	19.524 ug/ml
11) T n-Heneicosane (C21)	13.324	17974618	19.553 ug/ml
13) T n-Docosane (C22)	13.908	17895139	19.475 ug/ml
14) T n-Tetracosane (C24)	15.005	17611058	19.412 ug/ml
15) T n-Hexacosane (C26)	16.022	16862739	19.399 ug/ml
16) T n-Octacosane (C28)	16.967	15660234	19.506 ug/ml
17) T n-Tricontane (C30)	17.849	13791594	19.642 ug/ml
18) T n-Dotriacontane (C32)	18.676	11006162	19.932 ug/ml
19) T n-Tetratriacontane (C34)	19.451	7786691	20.266 ug/ml
20) T n-Hexatriacontane (C36)	20.184	4856019	20.353 ug/ml
21) T n-Octatriacontane (C38)	20.932	2854285	20.090 ug/ml
22) T n-Tetracontane (C40)	21.863	1803071	19.820 ug/ml

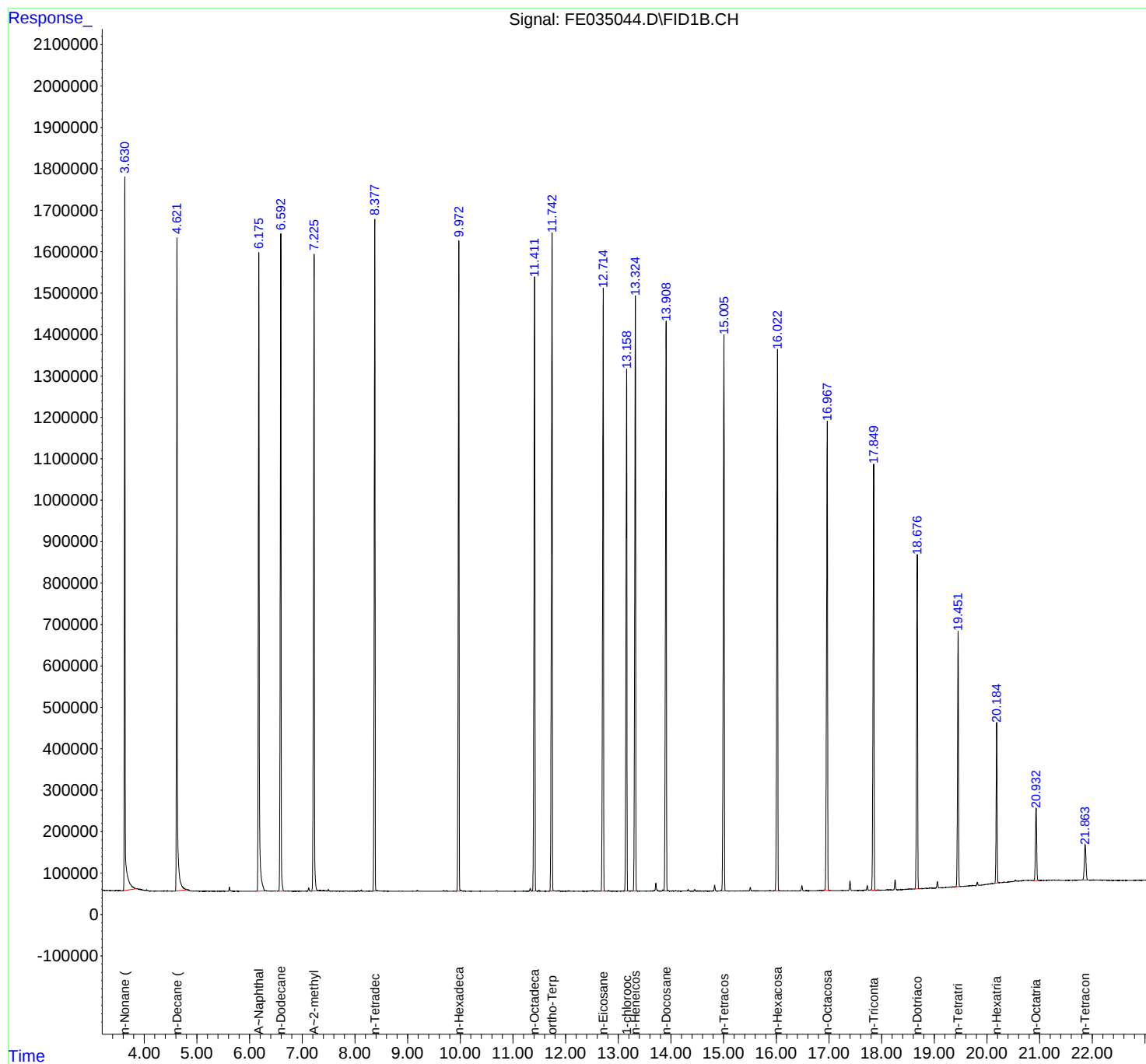
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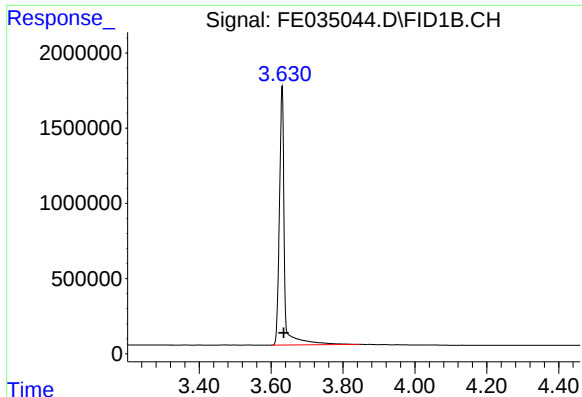
(m)=manual int.

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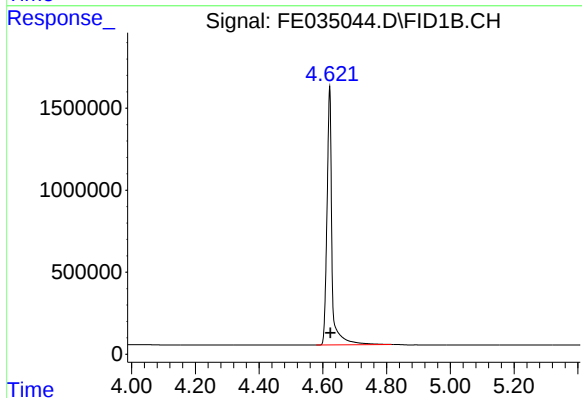
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Signal Info : 20M x 0.18mm x 0.18um





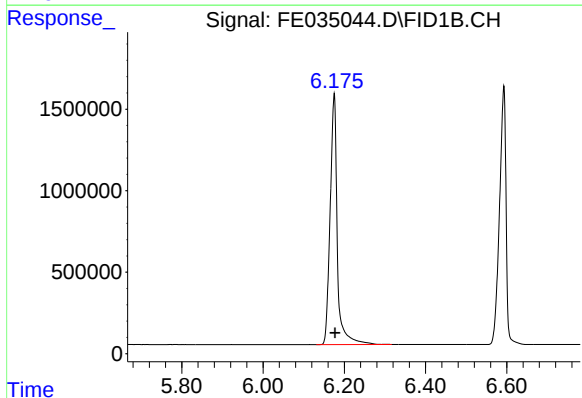
#1 n-Nonane (C9)

R.T.: 3.631 min
Delta R.T.: -0.004 min
Response: 16649225
Conc: 19.76 ug/ml



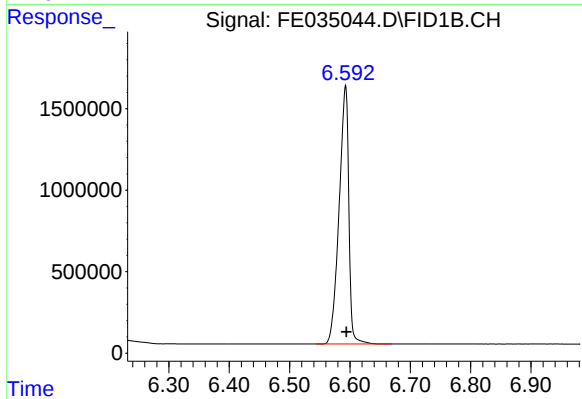
#2 n-Decane (C10)

R.T.: 4.621 min
Delta R.T.: -0.002 min
Response: 17055102
Conc: 19.58 ug/ml



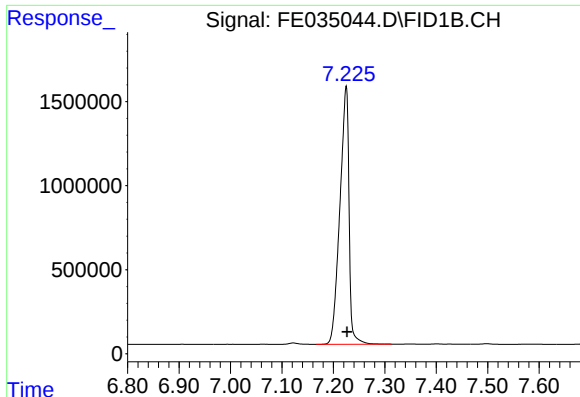
#3 A~Naphthalene (C11.7)

R.T.: 6.175 min
Delta R.T.: -0.002 min
Response: 18823244
Conc: 19.75 ug/ml



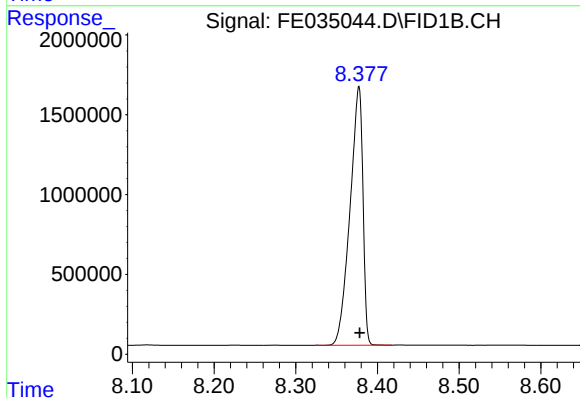
#4 n-Dodecane (C12)

R.T.: 6.593 min
Delta R.T.: -0.002 min
Response: 17701977
Conc: 19.54 ug/ml



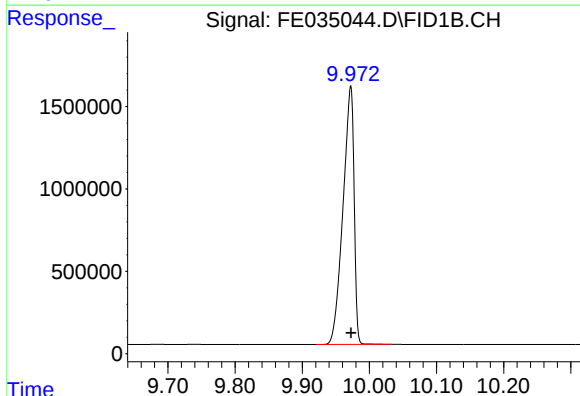
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.225 min
Delta R.T.: -0.002 min
Response: 19022557
Conc: 19.73 ug/ml



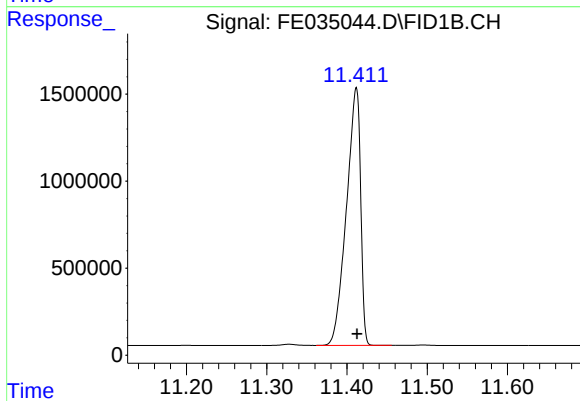
#6 n-Tetradecane (C14)

R.T.: 8.377 min
Delta R.T.: -0.001 min
Response: 17779763
Conc: 19.56 ug/ml



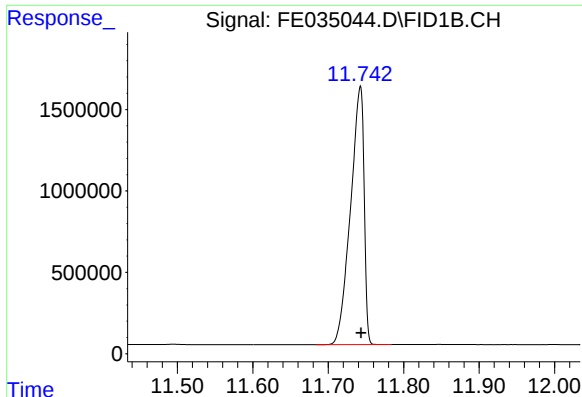
#7 n-Hexadecane (C16)

R.T.: 9.972 min
Delta R.T.: 0.000 min
Response: 17976666
Conc: 19.56 ug/ml



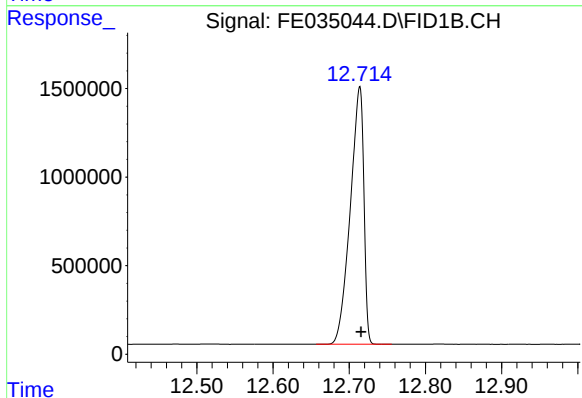
#8 n-Octadecane (C18)

R.T.: 11.412 min
Delta R.T.: -0.001 min
Response: 18147351
Conc: 19.54 ug/ml



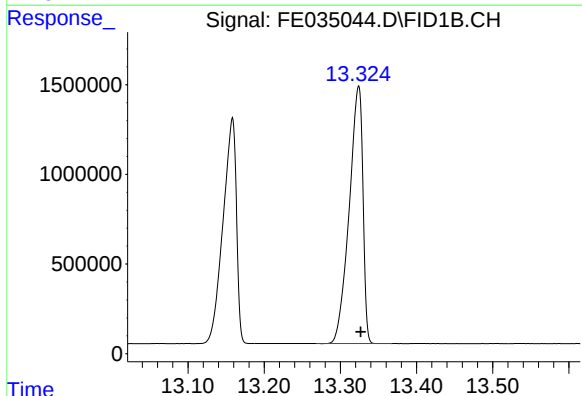
#9 ortho-Terphenyl (SURR)

R.T.: 11.742 min
Delta R.T.: 0.000 min
Response: 19808110
Conc: 19.66 ug/ml



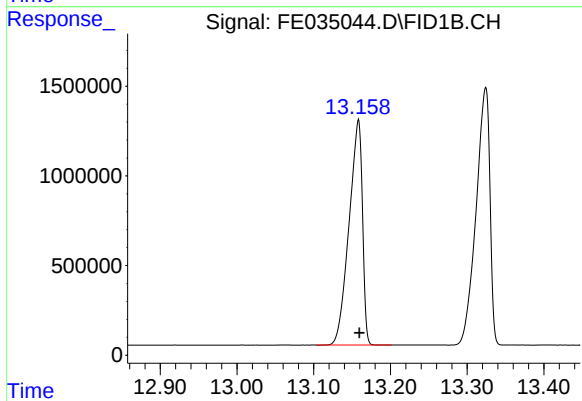
#10 n-Eicosane (C20)

R.T.: 12.714 min
Delta R.T.: -0.002 min
Response: 17969784
Conc: 19.52 ug/ml



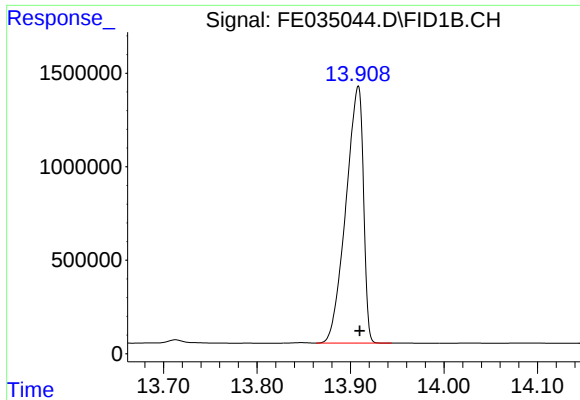
#11 n-Heneicosane (C21)

R.T.: 13.324 min
Delta R.T.: -0.002 min
Response: 17974618
Conc: 19.55 ug/ml



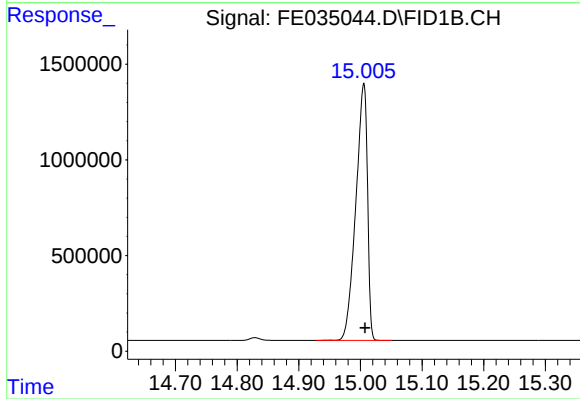
#12 1-chlorooctadecane (SURR)

R.T.: 13.158 min
Delta R.T.: -0.002 min
Response: 15377560
Conc: 19.60 ug/ml



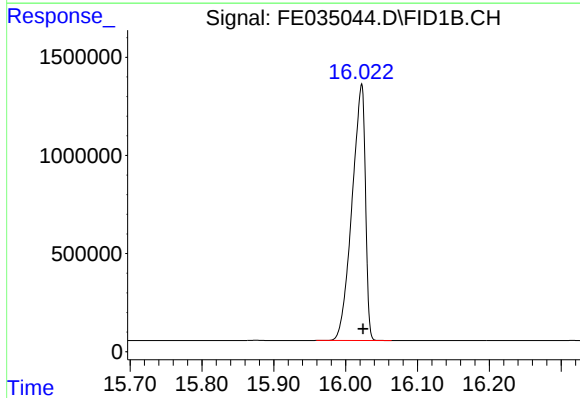
#13 n-Docosane (C22)

R.T.: 13.908 min
Delta R.T.: -0.002 min
Response: 17895139
Conc: 19.47 ug/ml



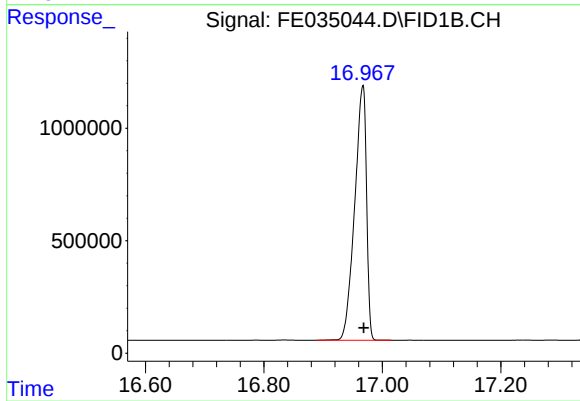
#14 n-Tetracosane (C24)

R.T.: 15.005 min
Delta R.T.: -0.002 min
Response: 17611058
Conc: 19.41 ug/ml



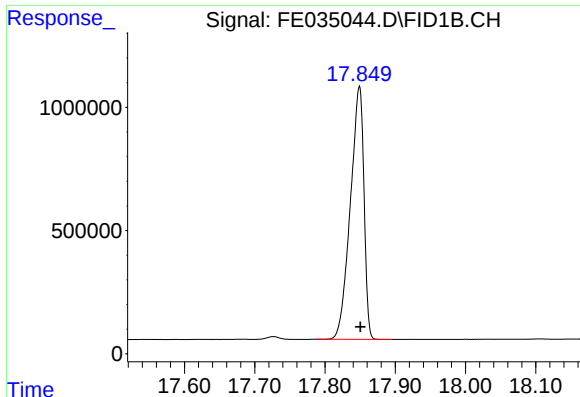
#15 n-Hexacosane (C26)

R.T.: 16.022 min
Delta R.T.: -0.002 min
Response: 16862739
Conc: 19.40 ug/ml



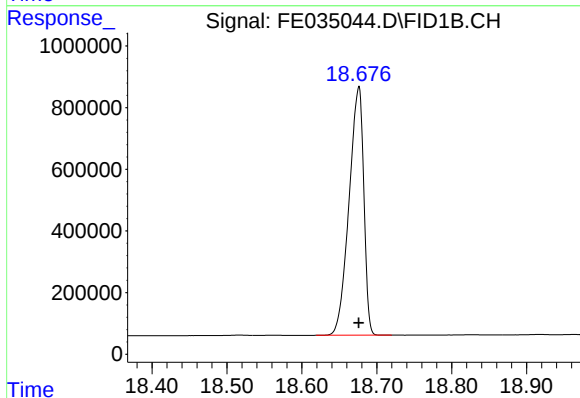
#16 n-Octacosane (C28)

R.T.: 16.967 min
Delta R.T.: -0.002 min
Response: 15660234
Conc: 19.51 ug/ml



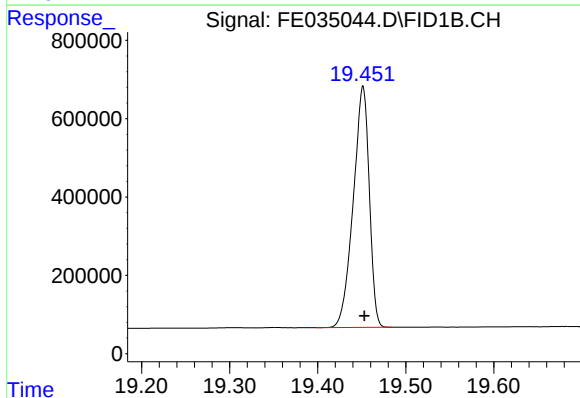
#17 n-Tricontane (C30)

R.T.: 17.849 min
Delta R.T.: -0.001 min
Response: 13791594
Conc: 19.64 ug/ml



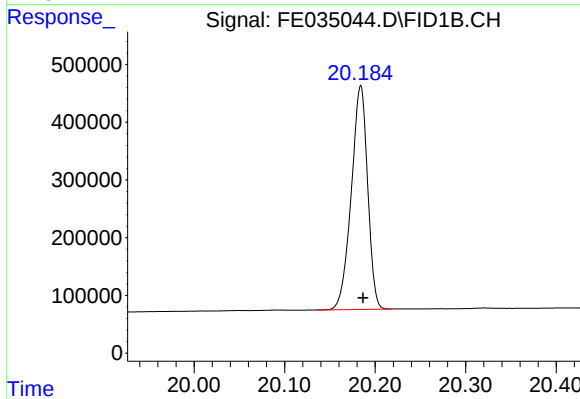
#18 n-Dotriacontane (C32)

R.T.: 18.676 min
Delta R.T.: 0.000 min
Response: 11006162
Conc: 19.93 ug/ml



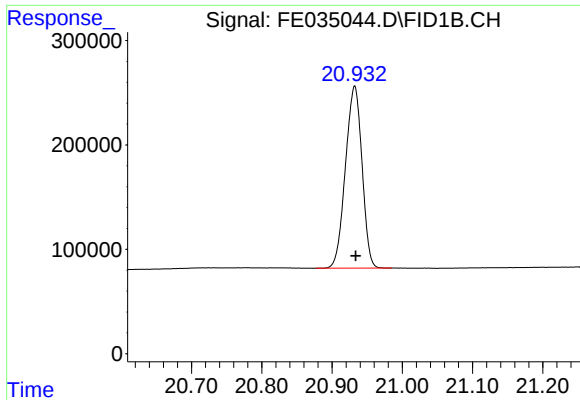
#19 n-Tetratriacontane (C34)

R.T.: 19.451 min
Delta R.T.: -0.001 min
Response: 7786691
Conc: 20.27 ug/ml



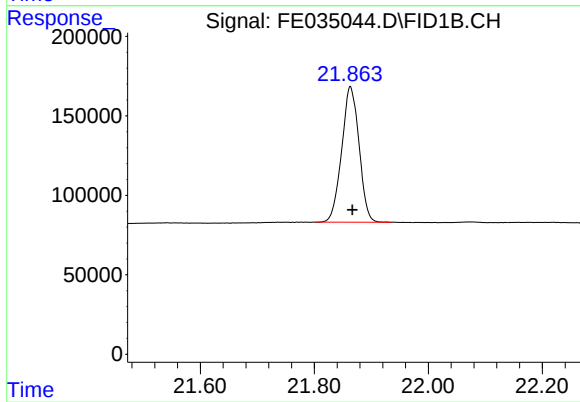
#20 n-Hexatriacontane (C36)

R.T.: 20.184 min
Delta R.T.: -0.002 min
Response: 4856019
Conc: 20.35 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.932 min
Delta R.T.: -0.002 min
Response: 2854285
Conc: 20.09 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.863 min
Delta R.T.: -0.004 min
Response: 1803071
Conc: 19.82 ug/ml