

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC013122AL\
 Data File : FC058203.D
 Signal(s) : FID1A.CH
 Acq On : 31 Jan 2022 11:30
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 01 00:07:32 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 010522.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 05 12:13:43 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)	10.697	3815612	19.733 ug/ml
Spiked Amount 50.000		Recovery =	39.47%
12) S 1-chlorooctadecane (S...	12.134	2887803	19.593 ug/ml
Spiked Amount 50.000		Recovery =	39.19%
Target Compounds			
1) T n-Nonane (C9)	2.627	3437140	21.494 ug/ml
2) T n-Decane (C10)	3.616	3565032	22.180 ug/ml
3) T A~Naphthalene (C11.7)	5.154	3928469	21.635 ug/ml
4) T n-Dodecane (C12)	5.587	3613829	22.407 ug/ml
5) T A~2-methylnaphthalene...	6.195	3945709	21.577 ug/ml
6) T n-Tetradecane (C14)	7.368	3690673	22.355 ug/ml
7) T n-Hexadecane (C16)	8.959	3668103	21.959 ug/ml
8) T n-Octadecane (C18)	10.393	3654041	21.234 ug/ml
10) T n-Eicosane (C20)	11.695	3470858	20.274 ug/ml
11) T n-Heneicosane (C21)	12.304	3425954	19.812 ug/ml
13) T n-Docosane (C22)	12.887	3333399	19.268 ug/ml
14) T n-Tetracosane (C24)	13.985	3247473	18.760 ug/ml
15) T n-Hexacosane (C26)	15.003	3148322	18.708 ug/ml
16) T n-Octacosane (C28)	15.949	3276900	20.025 ug/ml
17) T n-Tricontane (C30)	16.834	3503096	22.438 ug/ml
18) T n-Dotriacontane (C32)	17.663	3379136	24.236 ug/ml
19) T n-Tetratriacontane (C34)	18.445	2982569	23.997 ug/ml
20) T n-Hexatriacontane (C36)	19.182	2403181	21.615 ug/ml
21) T n-Octatriacontane (C38)	19.886	2011169	19.280 ug/ml
22) T n-Tetracontane (C40)	20.707	1730189	18.069 ug/ml

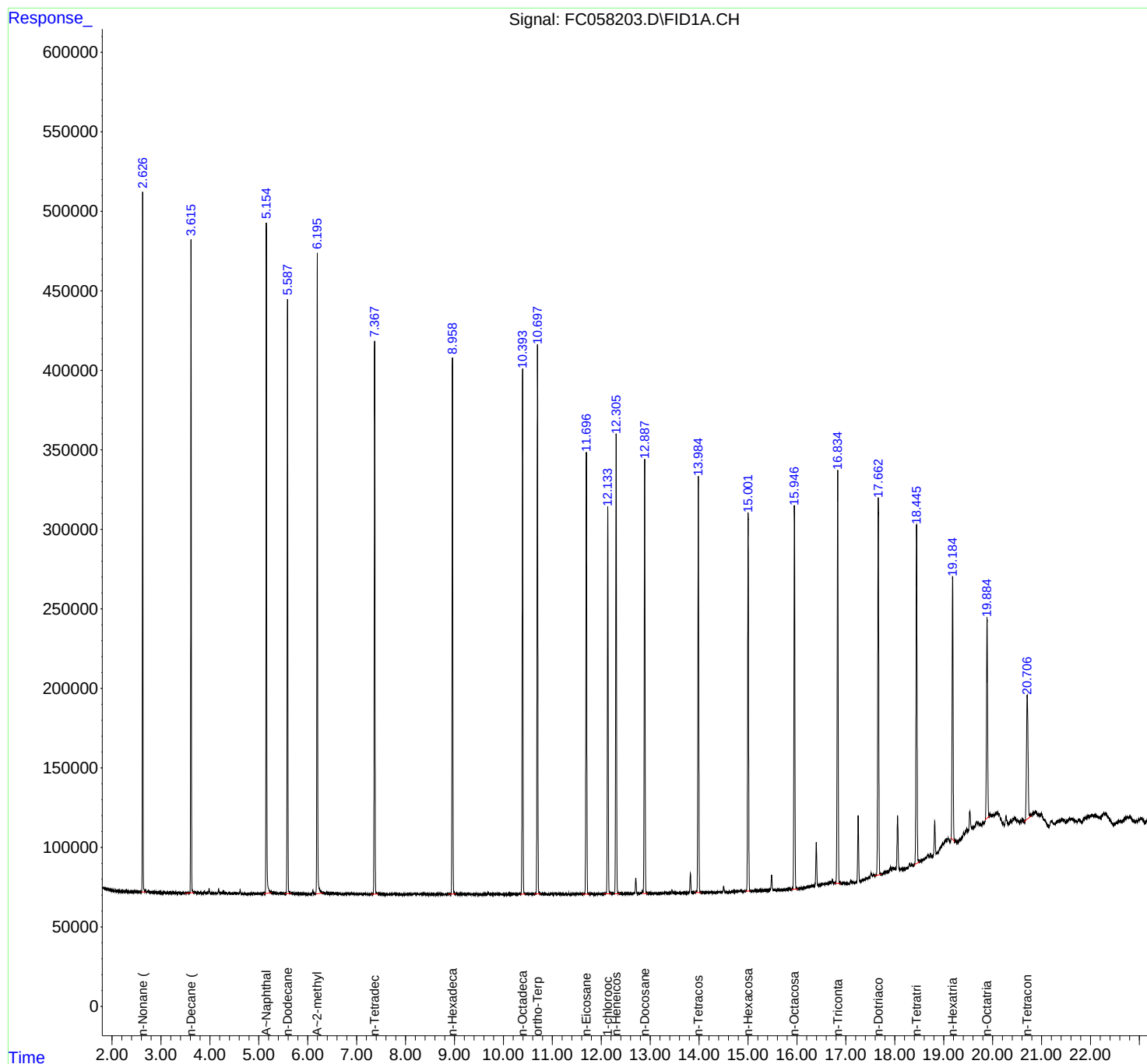
(f)=RT Delta > 1/2 Window

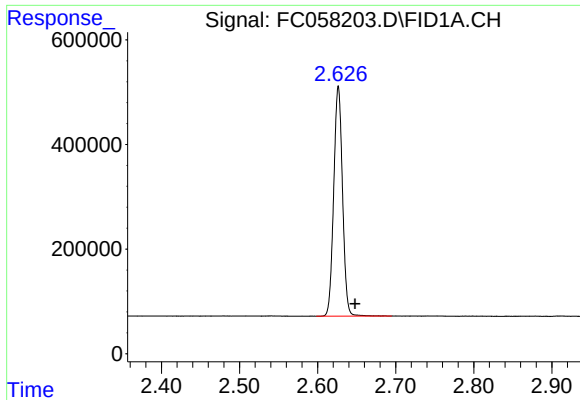
(m)=manual int.

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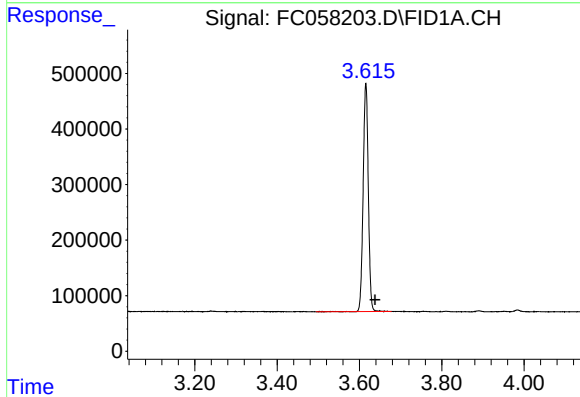
Volume Inj. : 1 uL
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





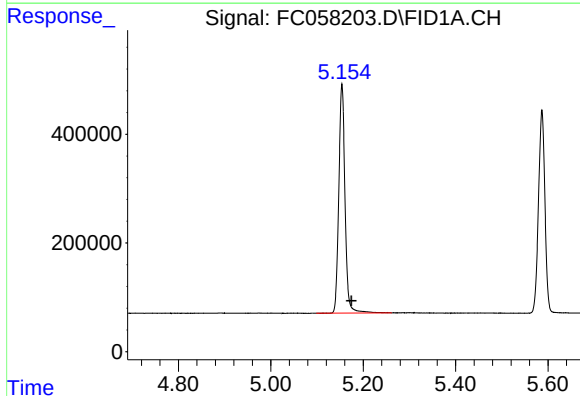
#1 n-Nonane (C9)

R.T.: 2.627 min
Delta R.T.: -0.021 min
Response: 3437140
Conc: 21.49 ug/ml



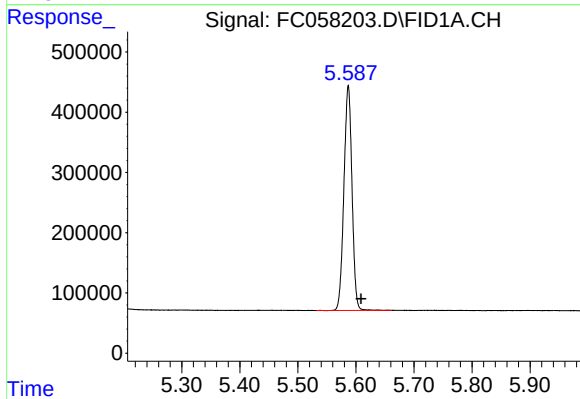
#2 n-Decane (C10)

R.T.: 3.616 min
Delta R.T.: -0.022 min
Response: 3565032
Conc: 22.18 ug/ml



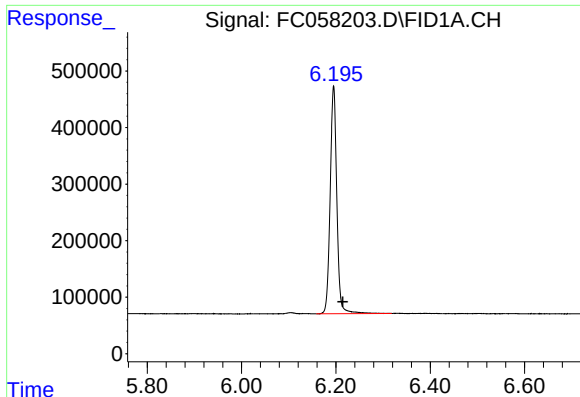
#3 A~Naphthalene (C11.7)

R.T.: 5.154 min
Delta R.T.: -0.021 min
Response: 3928469
Conc: 21.63 ug/ml



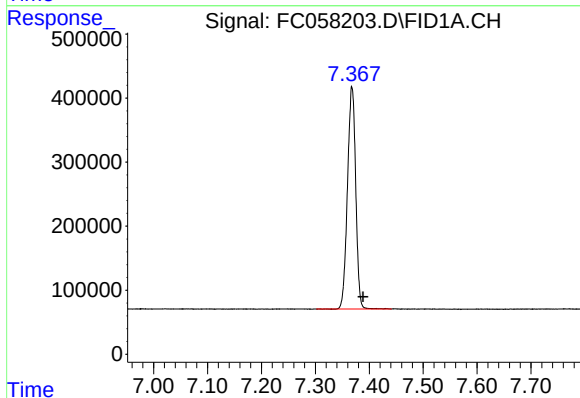
#4 n-Dodecane (C12)

R.T.: 5.587 min
Delta R.T.: -0.022 min
Response: 3613829
Conc: 22.41 ug/ml



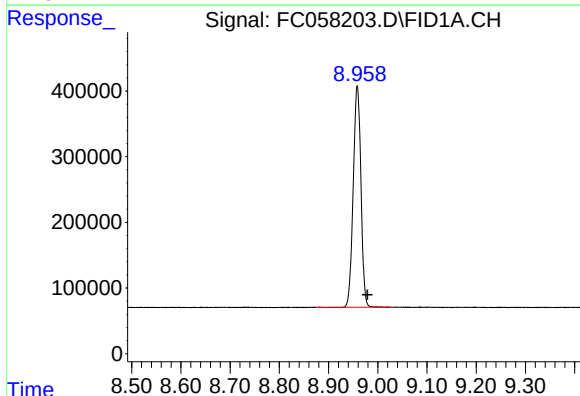
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.195 min
Delta R.T.: -0.019 min
Response: 3945709
Conc: 21.58 ug/ml



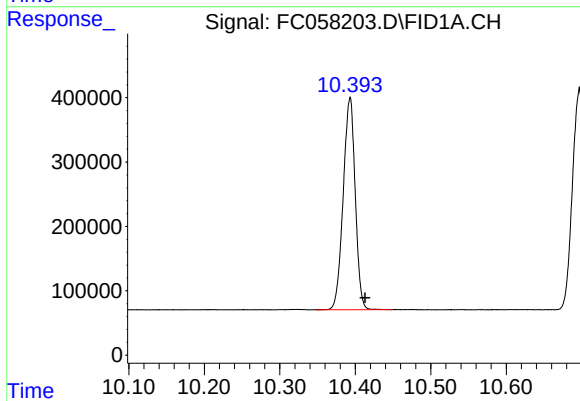
#6 n-Tetradecane (C14)

R.T.: 7.368 min
Delta R.T.: -0.021 min
Response: 3690673
Conc: 22.36 ug/ml



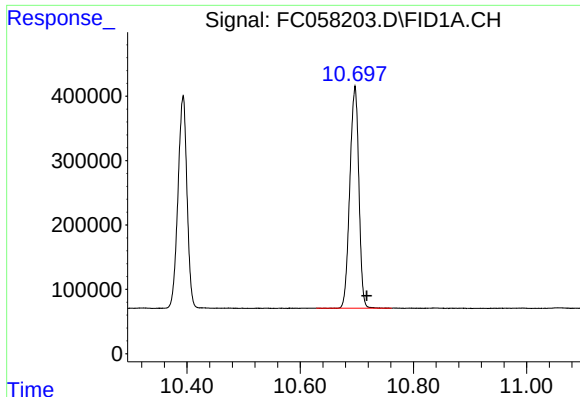
#7 n-Hexadecane (C16)

R.T.: 8.959 min
Delta R.T.: -0.020 min
Response: 3668103
Conc: 21.96 ug/ml



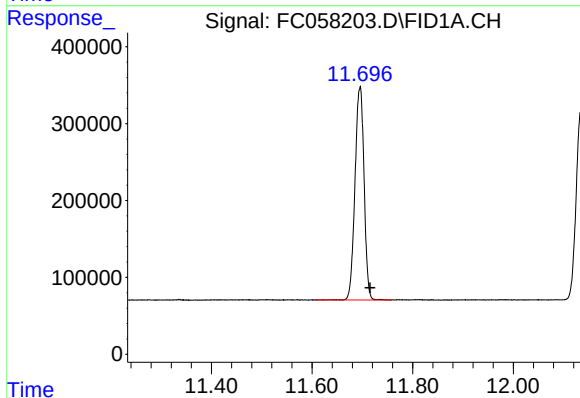
#8 n-Octadecane (C18)

R.T.: 10.393 min
Delta R.T.: -0.020 min
Response: 3654041
Conc: 21.23 ug/ml



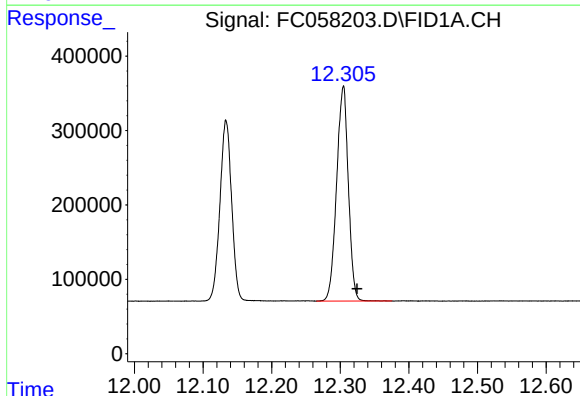
#9 ortho-Terphenyl (SURR)

R.T.: 10.697 min
Delta R.T.: -0.021 min
Response: 3815612
Conc: 19.73 ug/ml



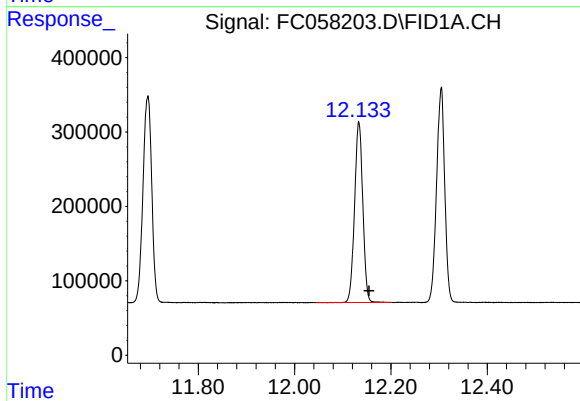
#10 n-Eicosane (C20)

R.T.: 11.695 min
Delta R.T.: -0.020 min
Response: 3470858
Conc: 20.27 ug/ml



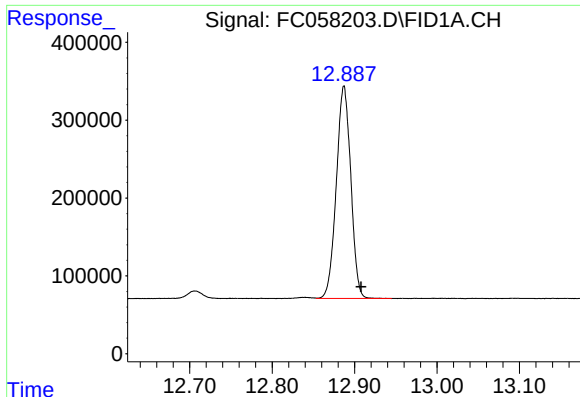
#11 n-Heneicosane (C21)

R.T.: 12.304 min
Delta R.T.: -0.021 min
Response: 3425954
Conc: 19.81 ug/ml



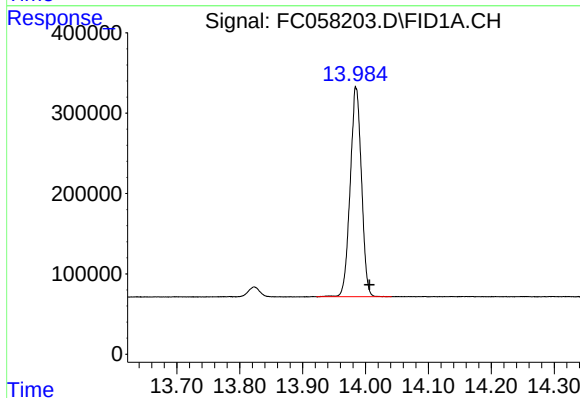
#12 1-chlorooctadecane (SURR)

R.T.: 12.134 min
Delta R.T.: -0.021 min
Response: 2887803
Conc: 19.59 ug/ml



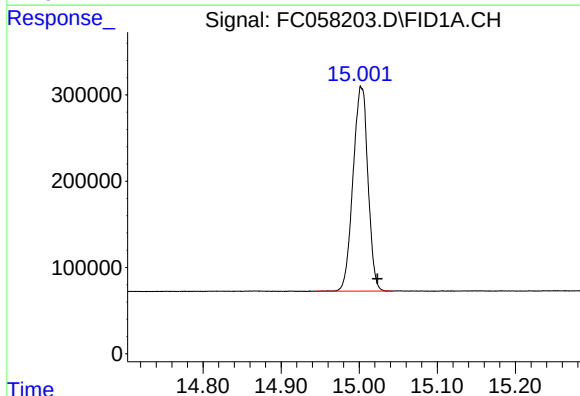
#13 n-Docosane (C22)

R.T.: 12.887 min
Delta R.T.: -0.021 min
Response: 3333399
Conc: 19.27 ug/ml



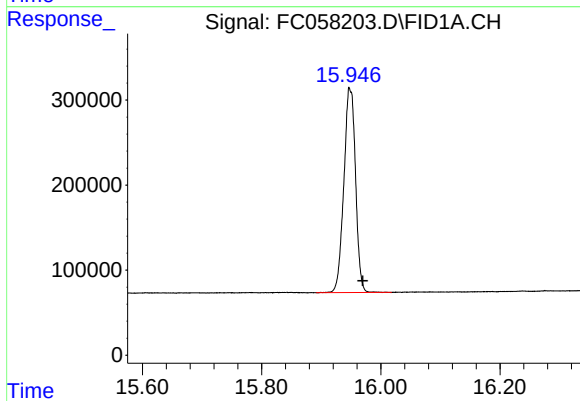
#14 n-Tetracosane (C24)

R.T.: 13.985 min
Delta R.T.: -0.021 min
Response: 3247473
Conc: 18.76 ug/ml



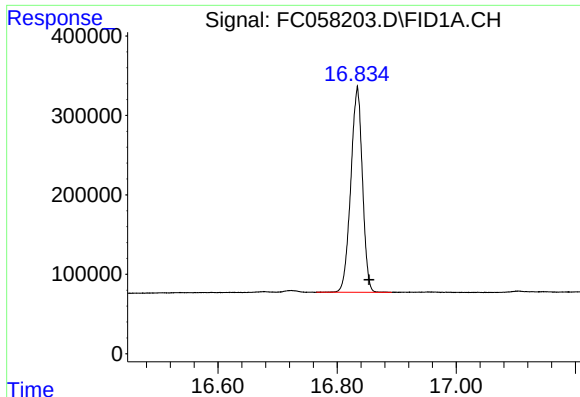
#15 n-Hexacosane (C26)

R.T.: 15.003 min
Delta R.T.: -0.021 min
Response: 3148322
Conc: 18.71 ug/ml



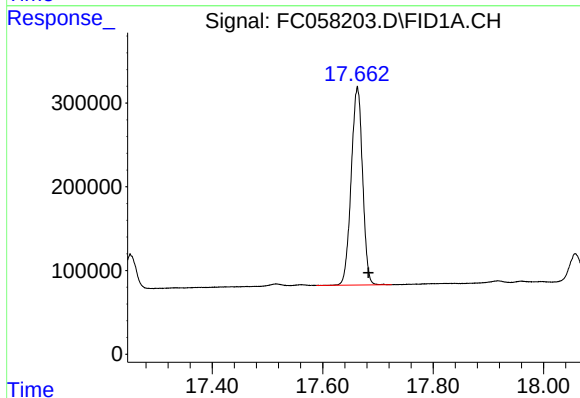
#16 n-Octacosane (C28)

R.T.: 15.949 min
Delta R.T.: -0.021 min
Response: 3276900
Conc: 20.02 ug/ml



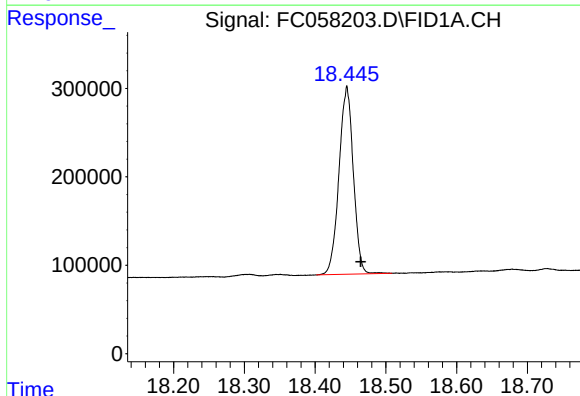
#17 n-Tricontane (C30)

R.T.: 16.834 min
Delta R.T.: -0.020 min
Response: 3503096
Conc: 22.44 ug/ml



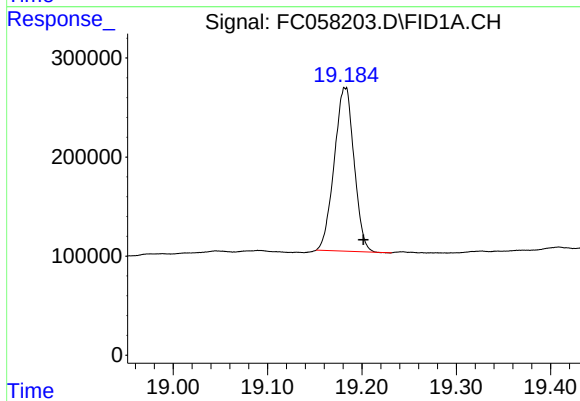
#18 n-Dotriacontane (C32)

R.T.: 17.663 min
Delta R.T.: -0.020 min
Response: 3379136
Conc: 24.24 ug/ml



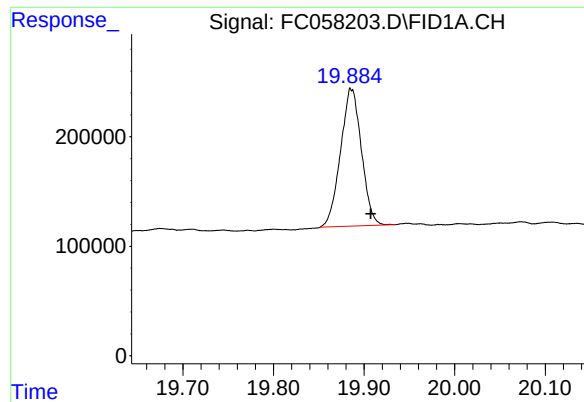
#19 n-Tetratriacontane (C34)

R.T.: 18.445 min
Delta R.T.: -0.020 min
Response: 2982569
Conc: 24.00 ug/ml



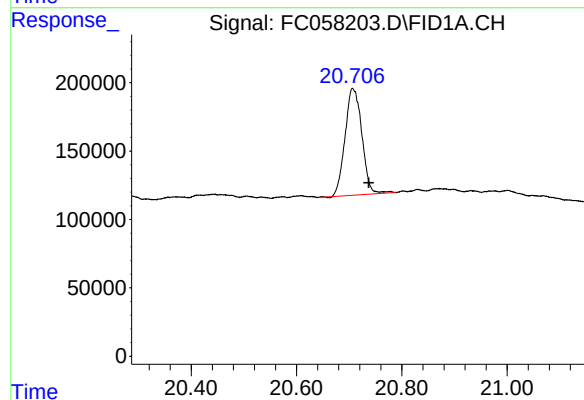
#20 n-Hexatriacontane (C36)

R.T.: 19.182 min
Delta R.T.: -0.019 min
Response: 2403181
Conc: 21.62 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.886 min
Delta R.T.: -0.021 min
Response: 2011169
Conc: 19.28 ug/ml



#22 n-Tetracontane (C40)

R.T.: 20.707 min
Delta R.T.: -0.030 min
Response: 1730189
Conc: 18.07 ug/ml