

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC011123AL\
 Data File : FC062615.D
 Signal(s) : FID1A.ch
 Acq On : 11 Jan 2023 09:11
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 11 14:53:25 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 010523.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 05 04:54:00 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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)	11.553	2706852	19.159 ug/ml
Spiked Amount 50.000		Recovery =	38.32%
12) S 1-chlorooctadecane (S...	12.991	2045173	19.415 ug/ml
Spiked Amount 50.000		Recovery =	38.83%
Target Compounds			
1) T n-Nonane (C9)	3.309	2506618	18.745 ug/ml
2) T n-Decane (C10)	4.378	2475593	19.088 ug/ml
3) T A~Naphthalene (C11.7)	5.965	2825520	19.228 ug/ml
4) T n-Dodecane (C12)	6.401	2491255	19.384 ug/ml
5) T A~2-methylnaphthalene...	7.023	2631084	19.245 ug/ml
6) T n-Tetradecane (C14)	8.196	2478866	19.257 ug/ml
7) T n-Hexadecane (C16)	9.798	2494376	19.315 ug/ml
8) T n-Octadecane (C18)	11.239	2498683	19.295 ug/ml
10) T n-Eicosane (C20)	12.548	2401496	19.459 ug/ml
11) T n-Heneicosane (C21)	13.159	2371733	19.351 ug/ml
13) T n-Docosane (C22)	13.745	2354992	19.699 ug/ml
14) T n-Tetracosane (C24)	14.847	2375477	20.397 ug/ml
15) T n-Hexacosane (C26)	15.866	2317954	20.633 ug/ml
16) T n-Octacosane (C28)	16.815	2348355	21.388 ug/ml
17) T n-Tricontane (C30)	17.701	2438991	22.522 ug/ml
18) T n-Dotriacontane (C32)	18.531	2502293	22.921 ug/ml
19) T n-Tetratriacontane (C34)	19.311	2426378	22.318 ug/ml
20) T n-Hexatriacontane (C36)	20.049	2267726	20.387 ug/ml
21) T n-Octatriacontane (C38)	20.781	2226652	21.025 ug/ml
22) T n-Tetracontane (C40)	21.686	2217320	20.821 ug/ml

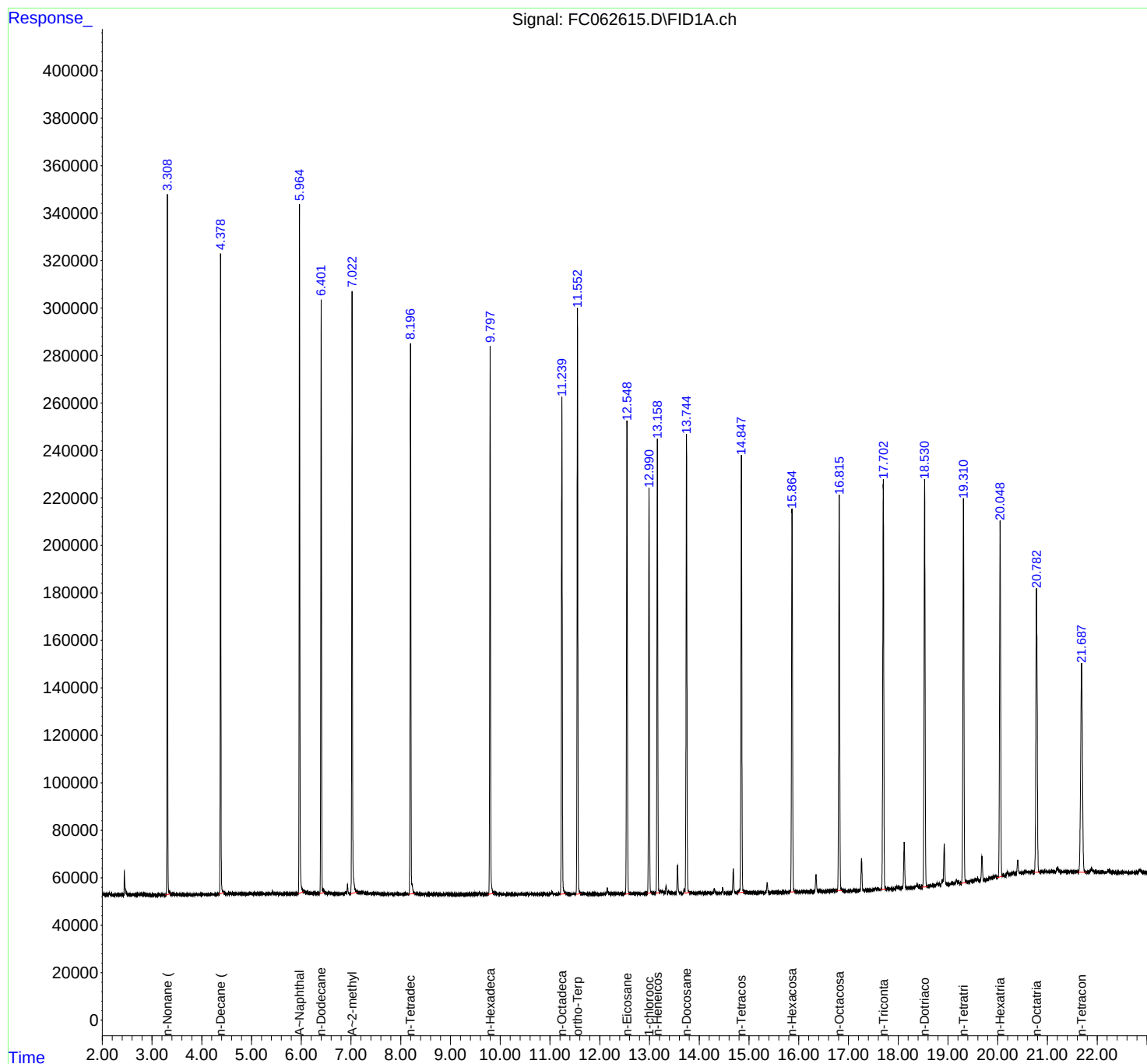
(f)=RT Delta > 1/2 Window

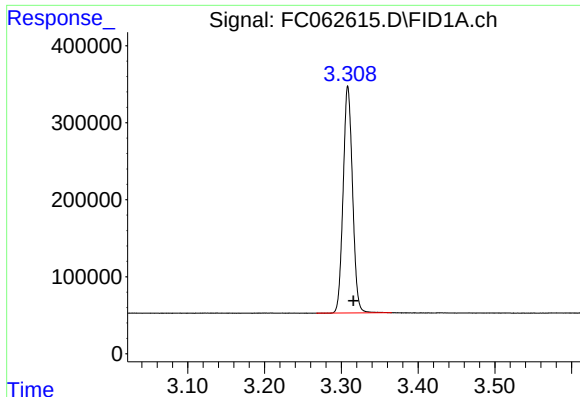
(m)=manual int.

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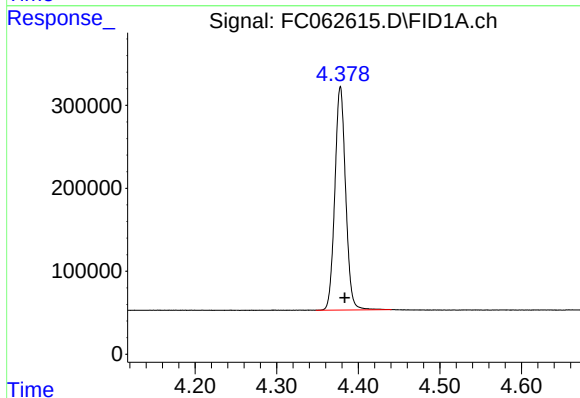
Volume Inj. : 1 ul
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Signal Info : 20M x 0.18mm x 0.18um





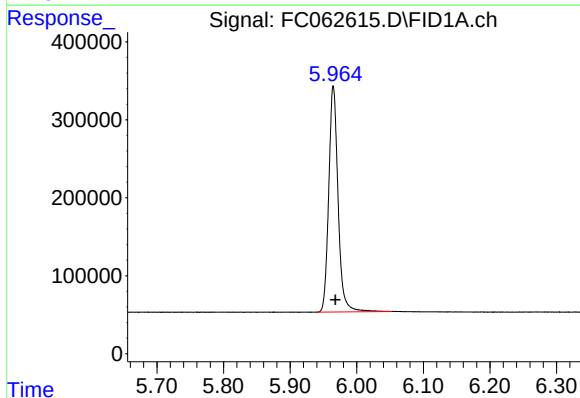
#1 n-Nonane (C9)

R.T.: 3.309 min
Delta R.T.: -0.007 min
Response: 2506618
Conc: 18.74 ug/ml



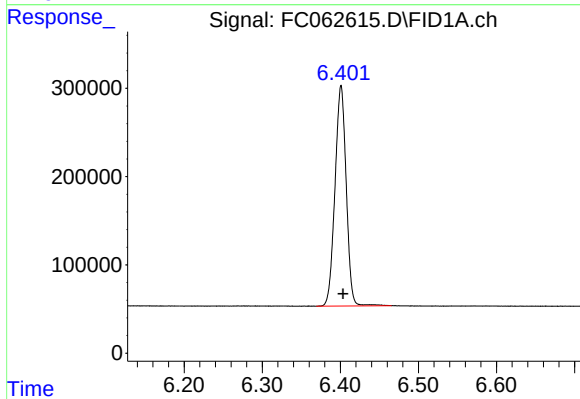
#2 n-Decane (C10)

R.T.: 4.378 min
Delta R.T.: -0.005 min
Response: 2475593
Conc: 19.09 ug/ml



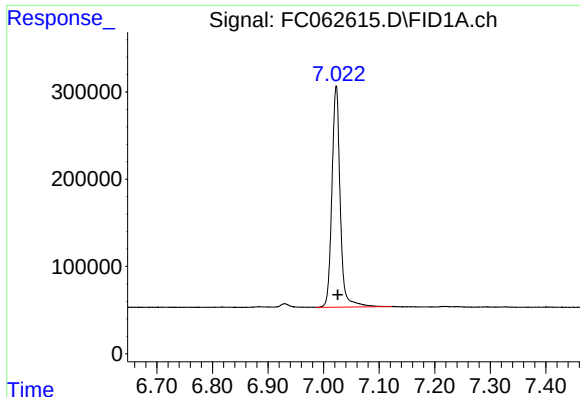
#3 A~Naphthalene (C11.7)

R.T.: 5.965 min
Delta R.T.: -0.003 min
Response: 2825520
Conc: 19.23 ug/ml



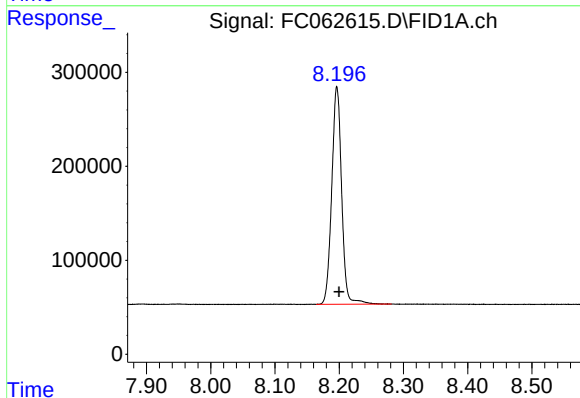
#4 n-Dodecane (C12)

R.T.: 6.401 min
Delta R.T.: -0.002 min
Response: 2491255
Conc: 19.38 ug/ml



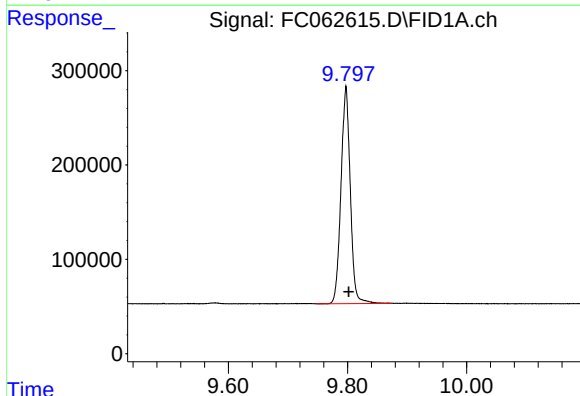
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.023 min
Delta R.T.: -0.003 min
Response: 2631084
Conc: 19.24 ug/ml



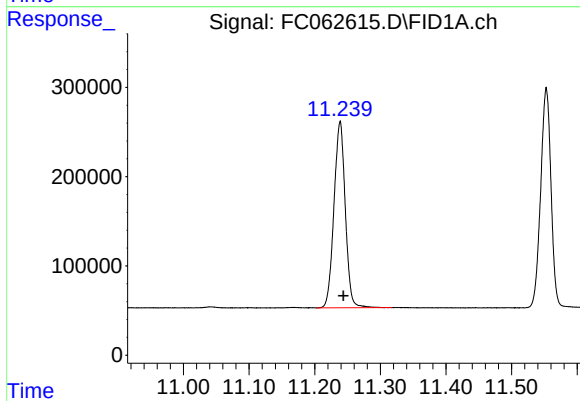
#6 n-Tetradecane (C14)

R.T.: 8.196 min
Delta R.T.: -0.003 min
Response: 2478866
Conc: 19.26 ug/ml



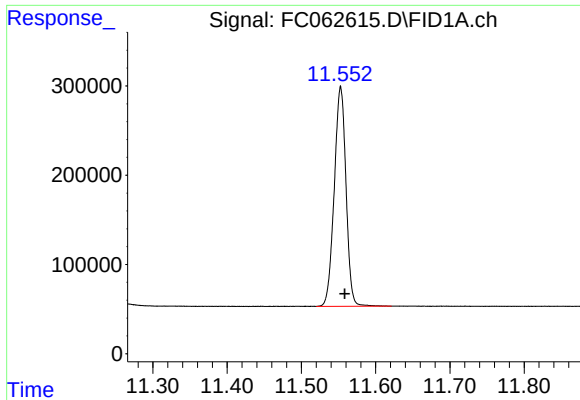
#7 n-Hexadecane (C16)

R.T.: 9.798 min
Delta R.T.: -0.005 min
Response: 2494376
Conc: 19.32 ug/ml



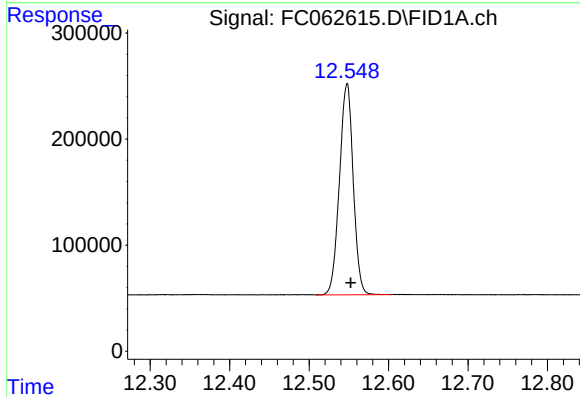
#8 n-Octadecane (C18)

R.T.: 11.239 min
Delta R.T.: -0.005 min
Response: 2498683
Conc: 19.30 ug/ml



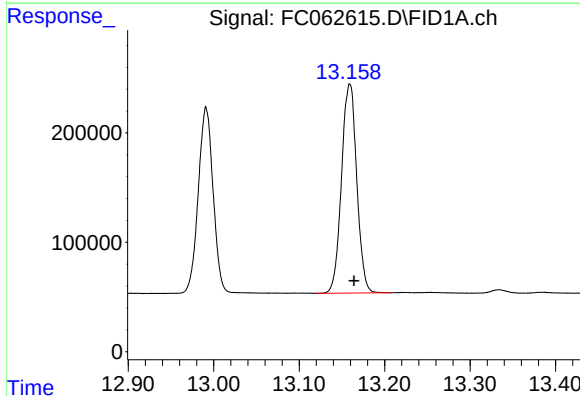
#9 ortho-Terphenyl (SURR)

R.T.: 11.553 min
Delta R.T.: -0.005 min
Response: 2706852
Conc: 19.16 ug/ml



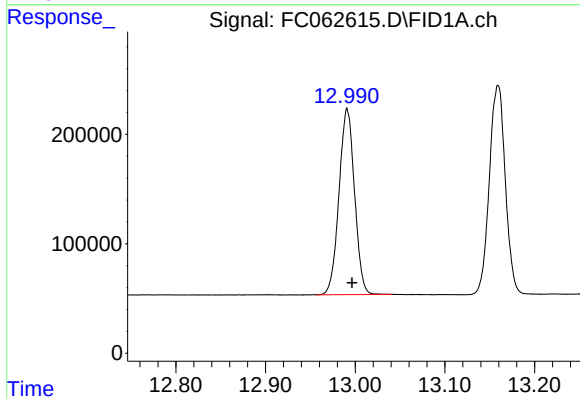
#10 n-Eicosane (C20)

R.T.: 12.548 min
Delta R.T.: -0.005 min
Response: 2401496
Conc: 19.46 ug/ml



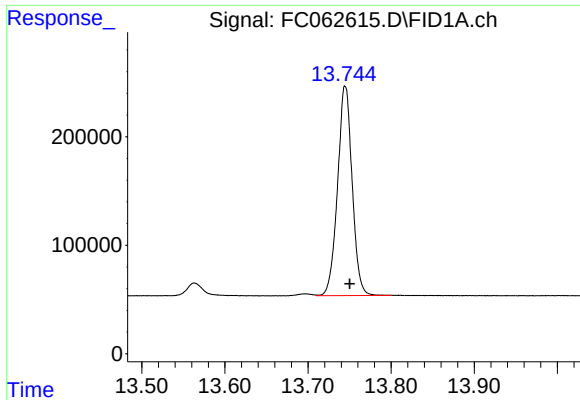
#11 n-Heneicosane (C21)

R.T.: 13.159 min
Delta R.T.: -0.005 min
Response: 2371733
Conc: 19.35 ug/ml



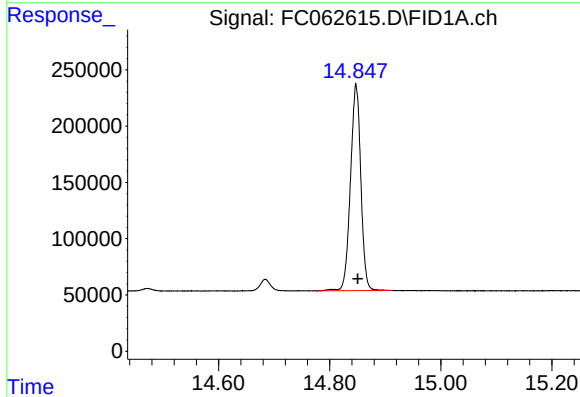
#12 1-chlorooctadecane (SURR)

R.T.: 12.991 min
Delta R.T.: -0.005 min
Response: 2045173
Conc: 19.42 ug/ml



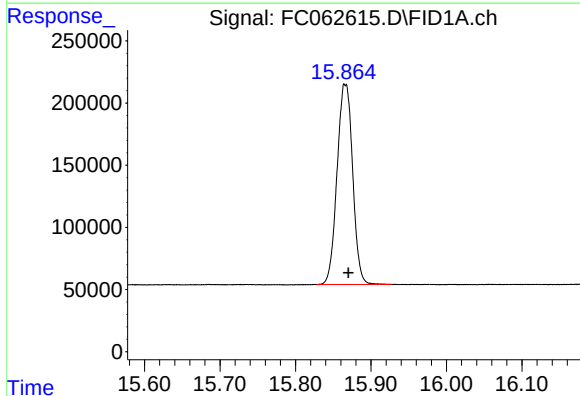
#13 n-Docosane (C22)

R.T.: 13.745 min
Delta R.T.: -0.006 min
Response: 2354992
Conc: 19.70 ug/ml



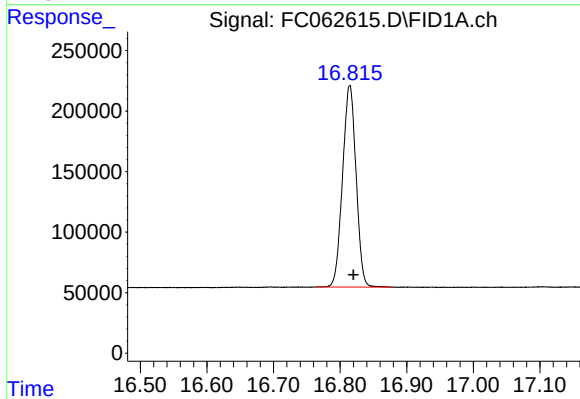
#14 n-Tetracosane (C24)

R.T.: 14.847 min
Delta R.T.: -0.003 min
Response: 2375477
Conc: 20.40 ug/ml



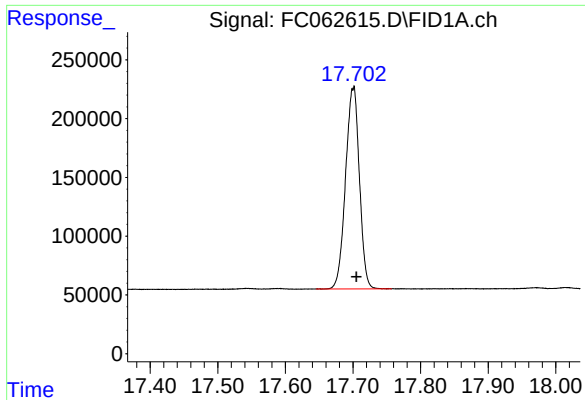
#15 n-Hexacosane (C26)

R.T.: 15.866 min
Delta R.T.: -0.004 min
Response: 2317954
Conc: 20.63 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.815 min
Delta R.T.: -0.005 min
Response: 2348355
Conc: 21.39 ug/ml



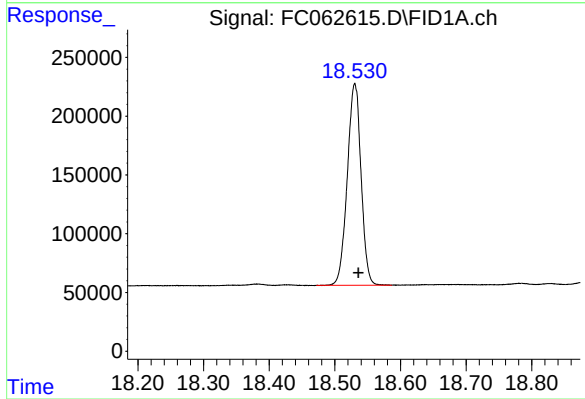
#17 n-Tricontane (C30)

R.T.: 17.701 min

Delta R.T.: -0.004 min

Response: 2438991

Conc: 22.52 ug/ml



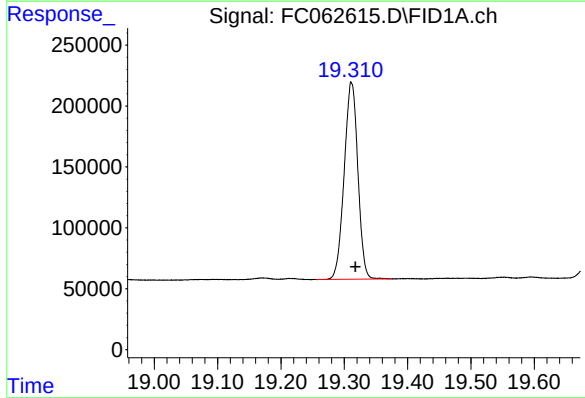
#18 n-Dotriacontane (C32)

R.T.: 18.531 min

Delta R.T.: -0.006 min

Response: 2502293

Conc: 22.92 ug/ml



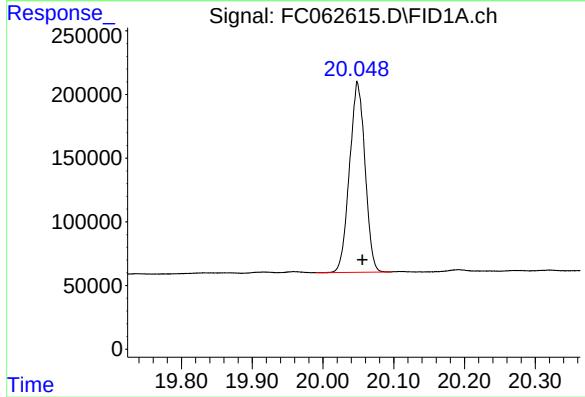
#19 n-Tetratriacontane (C34)

R.T.: 19.311 min

Delta R.T.: -0.006 min

Response: 2426378

Conc: 22.32 ug/ml



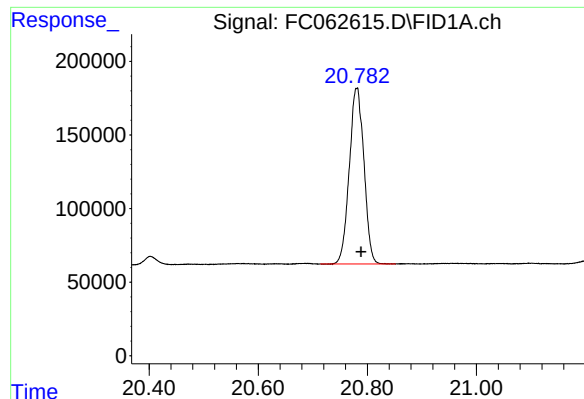
#20 n-Hexatriacontane (C36)

R.T.: 20.049 min

Delta R.T.: -0.007 min

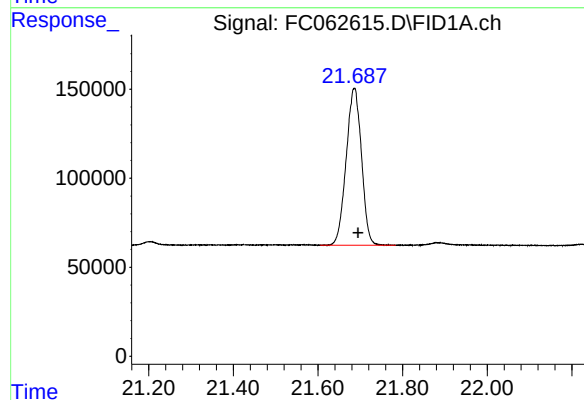
Response: 2267726

Conc: 20.39 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.781 min
Delta R.T.: -0.008 min
Response: 2226652
Conc: 21.03 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.686 min
Delta R.T.: -0.009 min
Response: 2217320
Conc: 20.82 ug/ml