

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC011123AL\
 Data File : FC062624.D
 Signal(s) : FID1A.ch
 Acq On : 11 Jan 2023 16:11
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 11 17:30:17 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)	11.556	2775392	19.644 ug/ml
Spiked Amount 50.000		Recovery =	39.29%
12) S 1-chlorooctadecane (S...	12.995	2098137	19.918 ug/ml
Spiked Amount 50.000		Recovery =	39.84%
Target Compounds			
1) T n-Nonane (C9)	3.313	2607389	19.499 ug/ml
2) T n-Decane (C10)	4.381	2579050	19.886 ug/ml
3) T A~Naphthalene (C11.7)	5.966	2921392	19.880 ug/ml
4) T n-Dodecane (C12)	6.402	2581547	20.086 ug/ml
5) T A~2-methylnaphthalene...	7.024	2724334	19.927 ug/ml
6) T n-Tetradecane (C14)	8.199	2565241	19.928 ug/ml
7) T n-Hexadecane (C16)	9.800	2571940	19.916 ug/ml
8) T n-Octadecane (C18)	11.242	2566902	19.822 ug/ml
10) T n-Eicosane (C20)	12.551	2450248	19.854 ug/ml
11) T n-Heneicosane (C21)	13.162	2428900	19.817 ug/ml
13) T n-Docosane (C22)	13.749	2405679	20.123 ug/ml
14) T n-Tetracosane (C24)	14.850	2424473	20.818 ug/ml
15) T n-Hexacosane (C26)	15.869	2361757	21.023 ug/ml
16) T n-Octacosane (C28)	16.819	2392979	21.794 ug/ml
17) T n-Tricontane (C30)	17.704	2489466	22.988 ug/ml
18) T n-Dotriacontane (C32)	18.534	2561083	23.459 ug/ml
19) T n-Tetratriacontane (C34)	19.315	2479266	22.804 ug/ml
20) T n-Hexatriacontane (C36)	20.055	2327925	20.928 ug/ml
21) T n-Octatriacontane (C38)	20.785	2398308	22.646 ug/ml
22) T n-Tetracontane (C40)	21.691	2257283	21.196 ug/ml

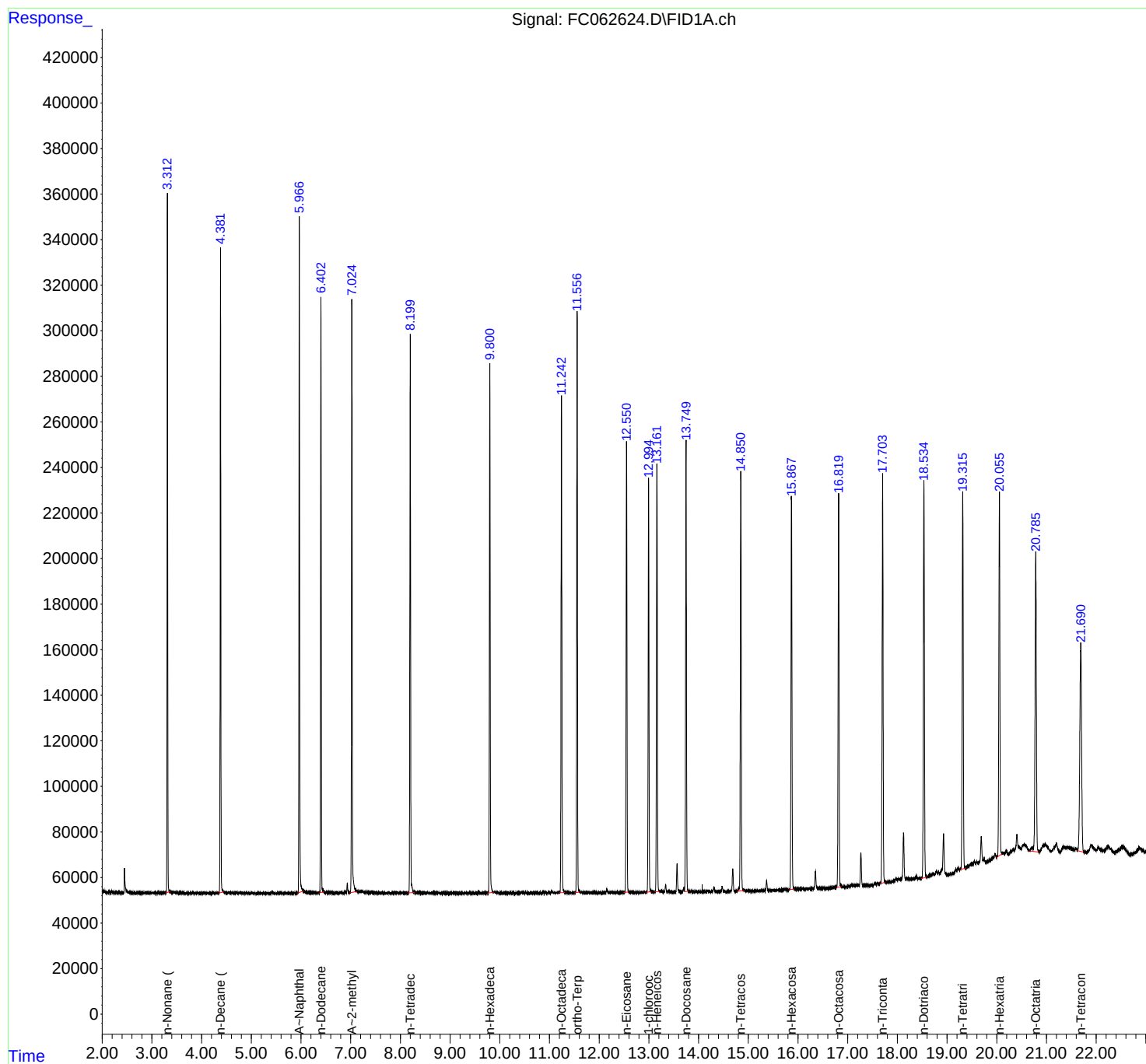
(f)=RT Delta > 1/2 Window

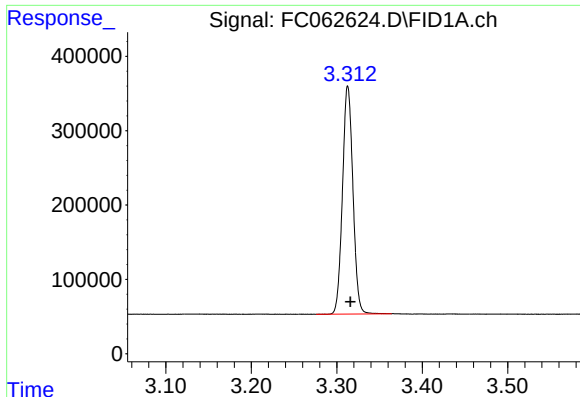
(m)=manual int.

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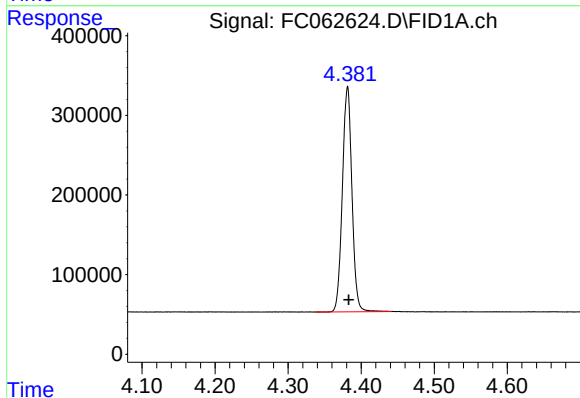
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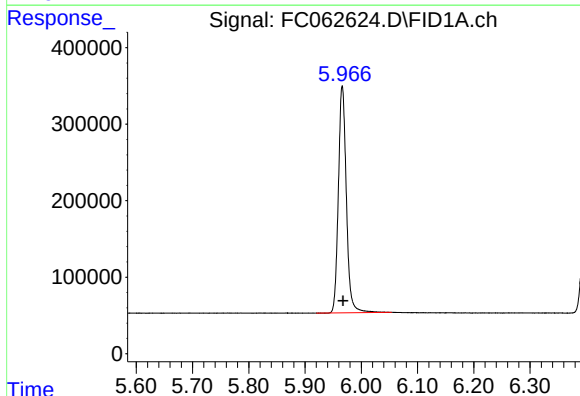
#1 n-Nonane (C9)

R.T.: 3.313 min
Delta R.T.: -0.003 min
Response: 2607389
Conc: 19.50 ug/ml



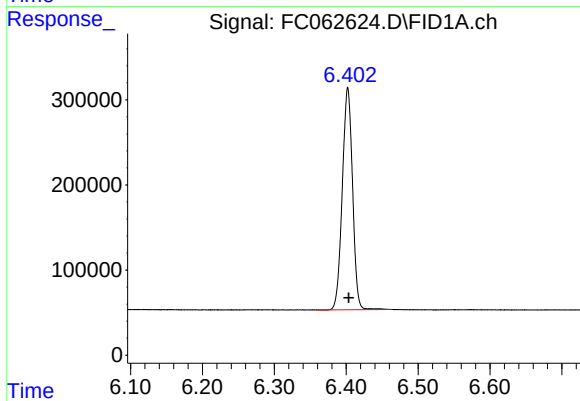
#2 n-Decane (C10)

R.T.: 4.381 min
Delta R.T.: -0.002 min
Response: 2579050
Conc: 19.89 ug/ml



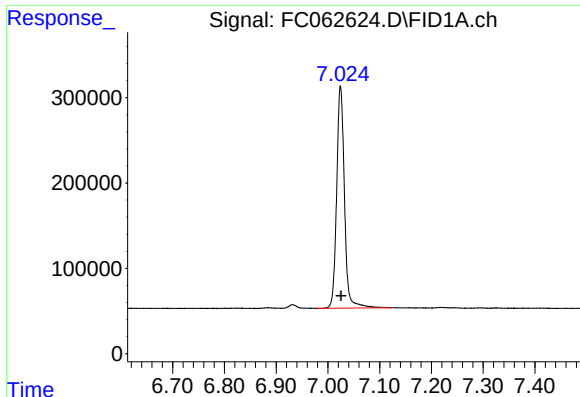
#3 A~Naphthalene (C11.7)

R.T.: 5.966 min
Delta R.T.: -0.002 min
Response: 2921392
Conc: 19.88 ug/ml



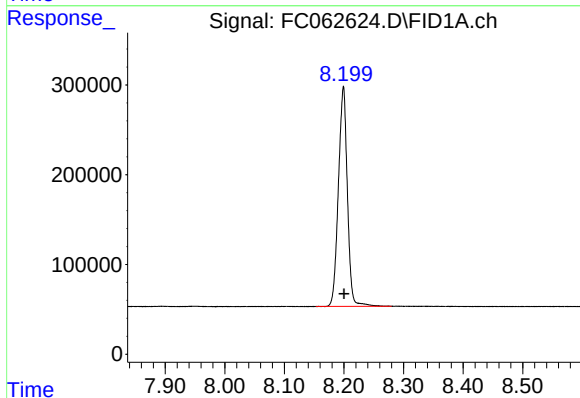
#4 n-Dodecane (C12)

R.T.: 6.402 min
Delta R.T.: -0.001 min
Response: 2581547
Conc: 20.09 ug/ml



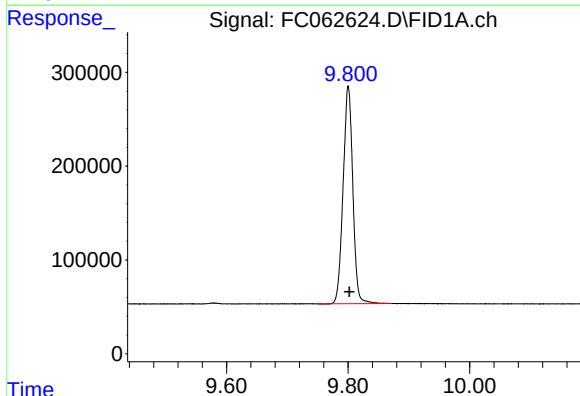
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.024 min
Delta R.T.: -0.002 min
Response: 2724334
Conc: 19.93 ug/ml



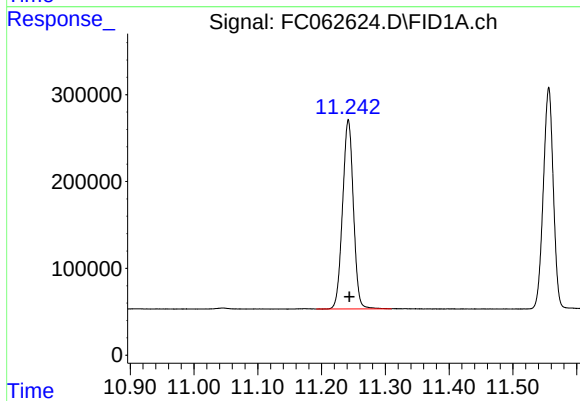
#6 n-Tetradecane (C14)

R.T.: 8.199 min
Delta R.T.: 0.000 min
Response: 2565241
Conc: 19.93 ug/ml



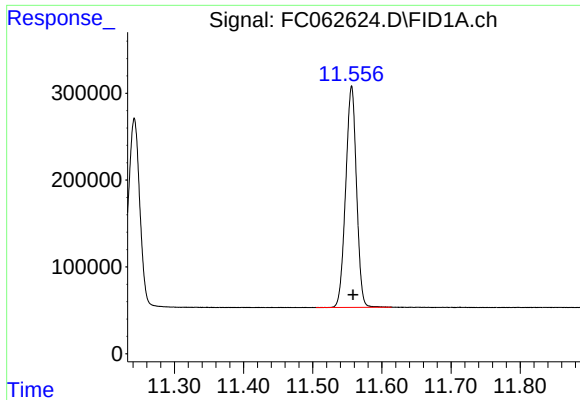
#7 n-Hexadecane (C16)

R.T.: 9.800 min
Delta R.T.: -0.002 min
Response: 2571940
Conc: 19.92 ug/ml



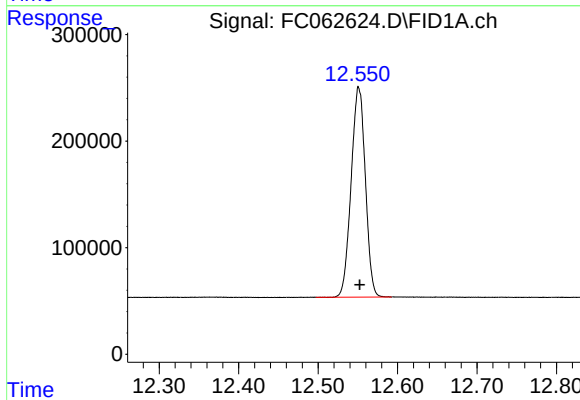
#8 n-Octadecane (C18)

R.T.: 11.242 min
Delta R.T.: -0.002 min
Response: 2566902
Conc: 19.82 ug/ml



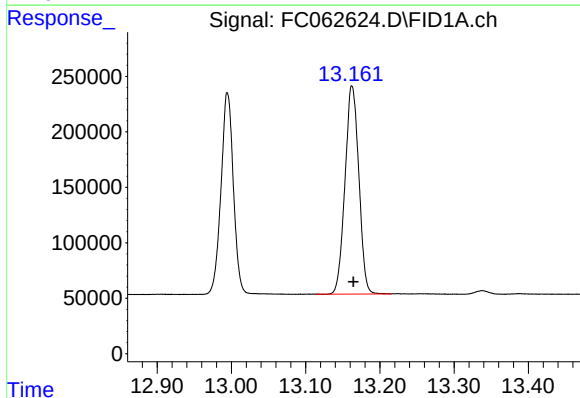
#9 ortho-Terphenyl (SURR)

R.T.: 11.556 min
Delta R.T.: -0.002 min
Response: 2775392
Conc: 19.64 ug/ml



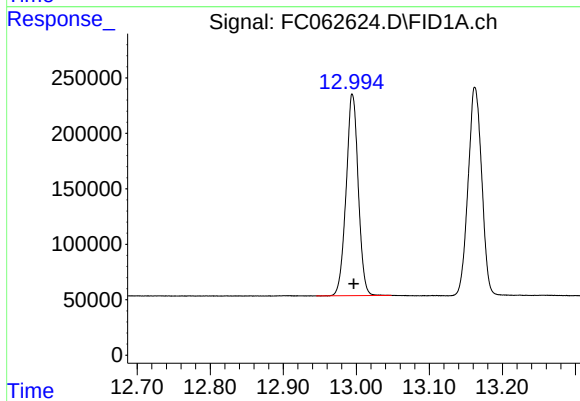
#10 n-Eicosane (C20)

R.T.: 12.551 min
Delta R.T.: -0.001 min
Response: 2450248
Conc: 19.85 ug/ml



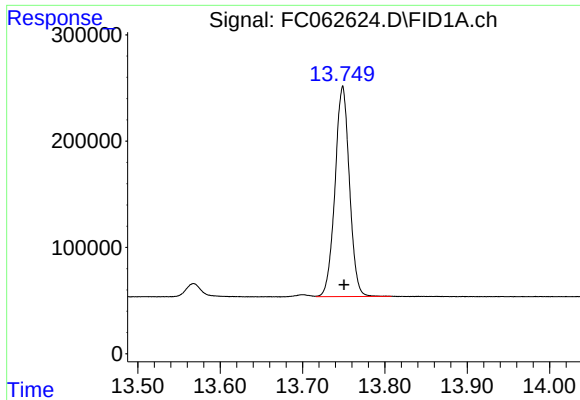
#11 n-Heneicosane (C21)

R.T.: 13.162 min
Delta R.T.: -0.002 min
Response: 2428900
Conc: 19.82 ug/ml



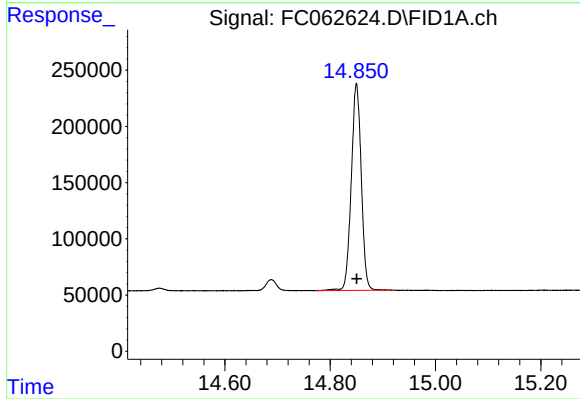
#12 1-chlorooctadecane (SURR)

R.T.: 12.995 min
Delta R.T.: -0.002 min
Response: 2098137
Conc: 19.92 ug/ml



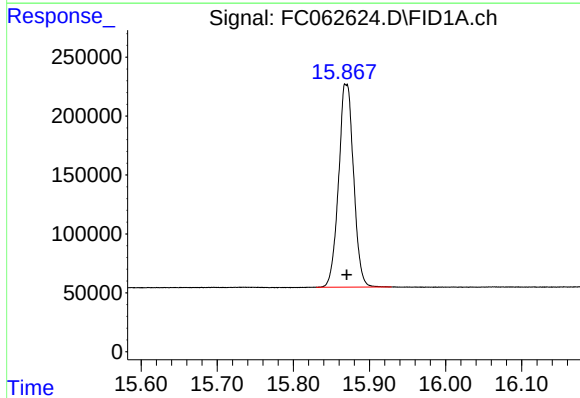
#13 n-Docosane (C22)

R.T.: 13.749 min
Delta R.T.: -0.001 min
Response: 2405679
Conc: 20.12 ug/ml



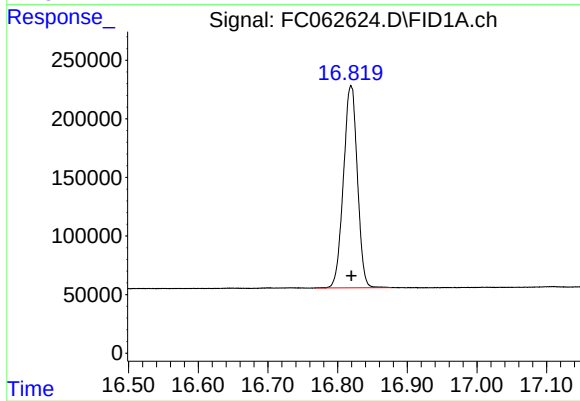
#14 n-Tetracosane (C24)

R.T.: 14.850 min
Delta R.T.: 0.000 min
Response: 2424473
Conc: 20.82 ug/ml



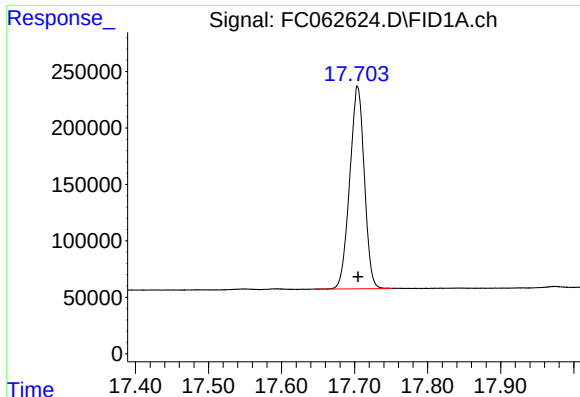
#15 n-Hexacosane (C26)

R.T.: 15.869 min
Delta R.T.: 0.000 min
Response: 2361757
Conc: 21.02 ug/ml



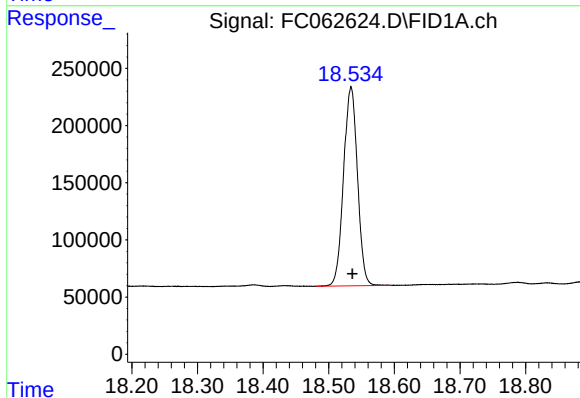
#16 n-Octacosane (C28)

R.T.: 16.819 min
Delta R.T.: 0.000 min
Response: 2392979
Conc: 21.79 ug/ml



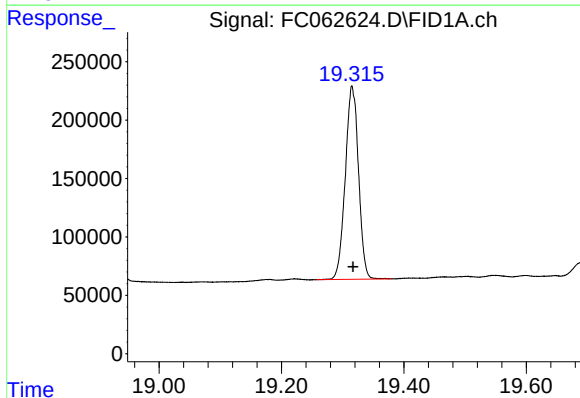
#17 n-Tricontane (C30)

R.T.: 17.704 min
Delta R.T.: 0.000 min
Response: 2489466
Conc: 22.99 ug/ml



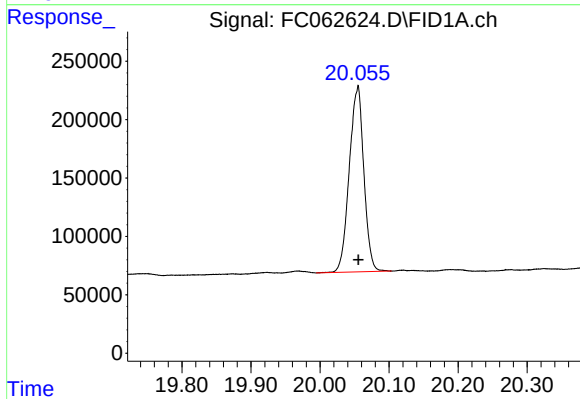
#18 n-Dotriacontane (C32)

R.T.: 18.534 min
Delta R.T.: -0.002 min
Response: 2561083
Conc: 23.46 ug/ml



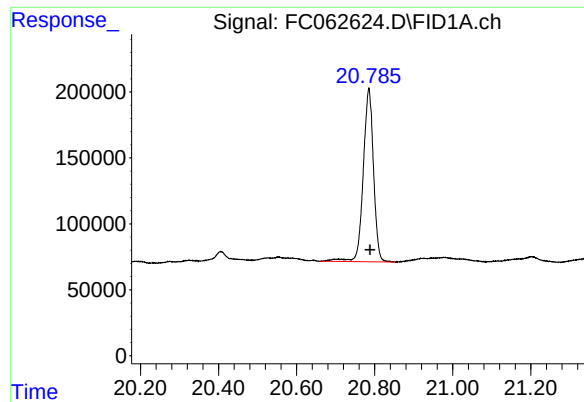
#19 n-Tetratriacontane (C34)

R.T.: 19.315 min
Delta R.T.: -0.002 min
Response: 2479266
Conc: 22.80 ug/ml



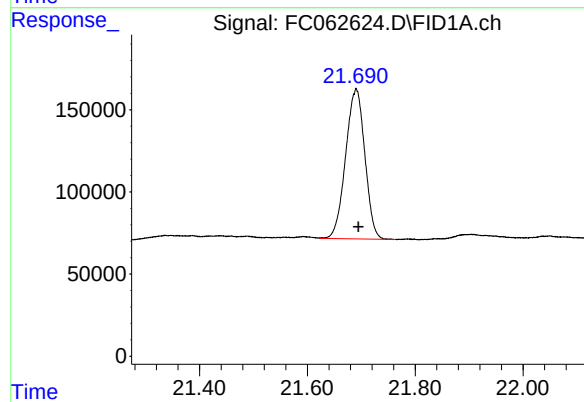
#20 n-Hexatriacontane (C36)

R.T.: 20.055 min
Delta R.T.: 0.000 min
Response: 2327925
Conc: 20.93 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.785 min
Delta R.T.: -0.003 min
Response: 2398308
Conc: 22.65 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.691 min
Delta R.T.: -0.004 min
Response: 2257283
Conc: 21.20 ug/ml