

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041024AL\
 Data File : FC066192.D
 Signal(s) : FID1A.ch
 Acq On : 10 Apr 2024 14:50
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 11 03:37:18 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 040124.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 01 13:05:22 2024
 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)	11.471	4123101	19.519 ug/ml
Spiked Amount 50.000		Recovery =	39.04%
12) S 1-chlorooctadecane (S...	12.898	2998239	19.125 ug/ml
Spiked Amount 50.000		Recovery =	38.25%
Target Compounds			
1) T n-Nonane (C9)	3.270	3600665	20.073 ug/ml
2) T n-Decane (C10)	4.331	3682086	19.800 ug/ml
3) T A~Naphthalene (C11.7)	5.923	3711163	19.447 ug/ml
4) T n-Dodecane (C12)	6.341	3750200	19.700 ug/ml
5) T A~2-methylnaphthalene...	6.980	3393955	19.166 ug/ml
6) T n-Tetradecane (C14)	8.130	3647410	19.553 ug/ml
7) T n-Hexadecane (C16)	9.722	3723181	19.376 ug/ml
8) T n-Octadecane (C18)	11.155	3820788	19.614 ug/ml
10) T n-Eicosane (C20)	12.455	3657818	19.354 ug/ml
11) T n-Heneicosane (C21)	13.063	3657575	19.543 ug/ml
13) T n-Docosane (C22)	13.645	3614218	19.085 ug/ml
14) T n-Tetracosane (C24)	14.739	3633040	18.717 ug/ml
15) T n-Hexacosane (C26)	15.753	3624456	18.768 ug/ml
16) T n-Octacosane (C28)	16.697	3604258	18.551 ug/ml
17) T n-Tricontane (C30)	17.577	3693390	18.655 ug/ml
18) T n-Dotriacontane (C32)	18.403	3653474	18.894 ug/ml
19) T n-Tetratriacontane (C34)	19.181	3553892	19.386 ug/ml
20) T n-Hexatriacontane (C36)	19.916	3400496	19.346 ug/ml
21) T n-Octatriacontane (C38)	20.625	3281976	19.022 ug/ml
22) T n-Tetracontane (C40)	21.477	3000318	17.819 ug/ml

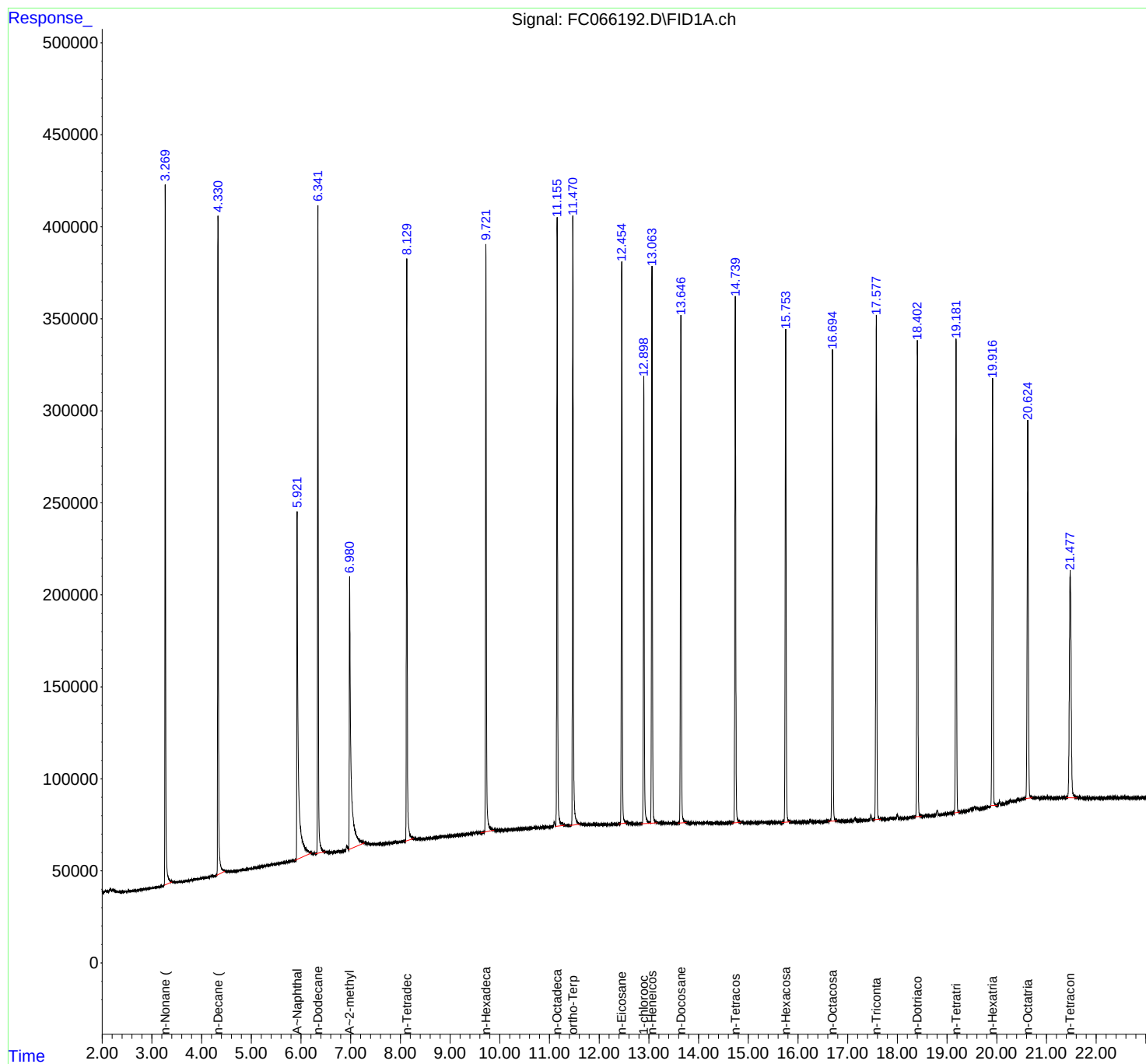
(f)=RT Delta > 1/2 Window

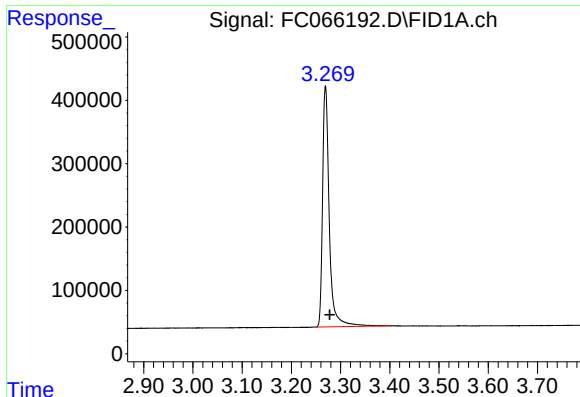
(m)=manual int.

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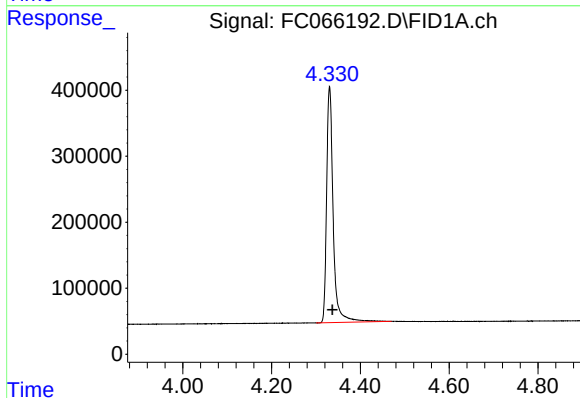
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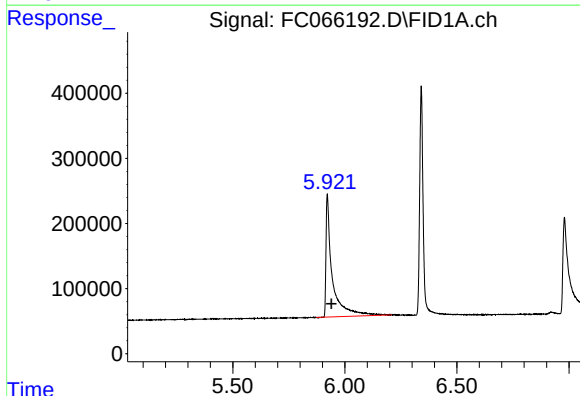
#1 n-Nonane (C9)

R.T.: 3.270 min
Delta R.T.: -0.008 min
Response: 3600665
Conc: 20.07 ug/ml



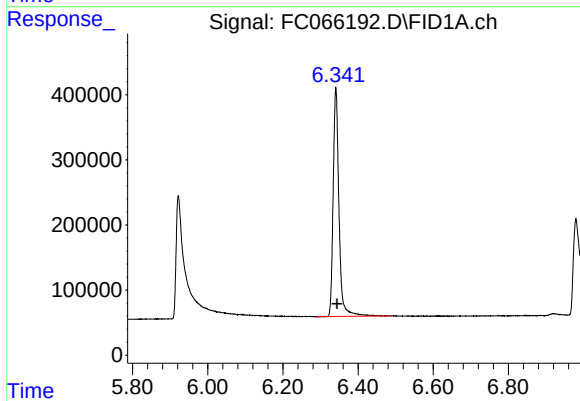
#2 n-Decane (C10)

R.T.: 4.331 min
Delta R.T.: -0.006 min
Response: 3682086
Conc: 19.80 ug/ml



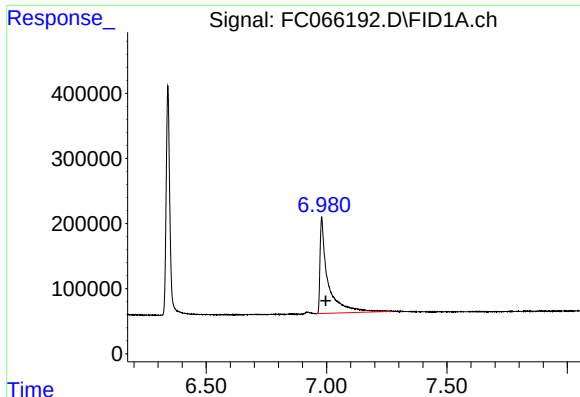
#3 A~Naphthalene (C11.7)

R.T.: 5.923 min
Delta R.T.: -0.017 min
Response: 3711163
Conc: 19.45 ug/ml



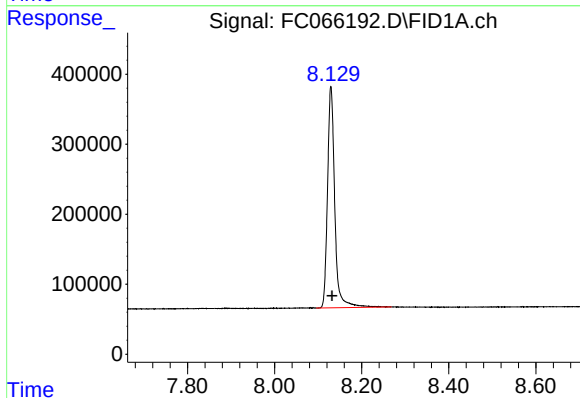
#4 n-Dodecane (C12)

R.T.: 6.341 min
Delta R.T.: -0.004 min
Response: 3750200
Conc: 19.70 ug/ml



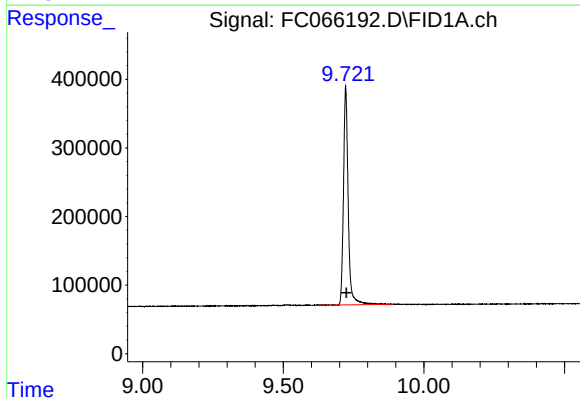
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.980 min
Delta R.T.: -0.017 min
Response: 3393955
Conc: 19.17 ug/ml



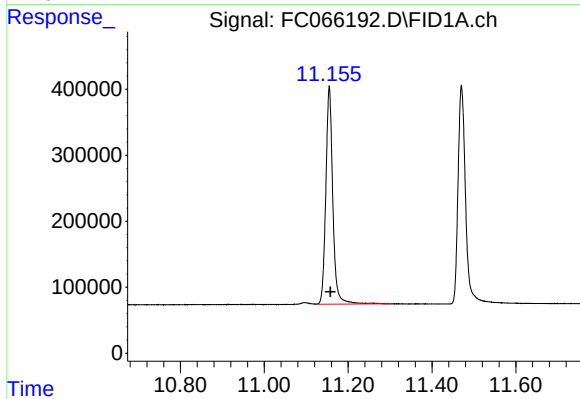
#6 n-Tetradecane (C14)

R.T.: 8.130 min
Delta R.T.: -0.002 min
Response: 3647410
Conc: 19.55 ug/ml



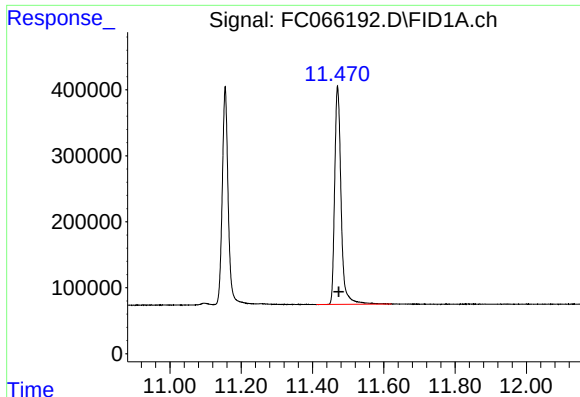
#7 n-Hexadecane (C16)

R.T.: 9.722 min
Delta R.T.: -0.003 min
Response: 3723181
Conc: 19.38 ug/ml



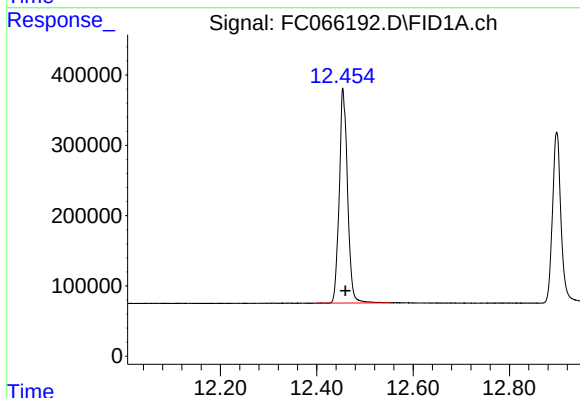
#8 n-Octadecane (C18)

R.T.: 11.155 min
Delta R.T.: -0.003 min
Response: 3820788
Conc: 19.61 ug/ml



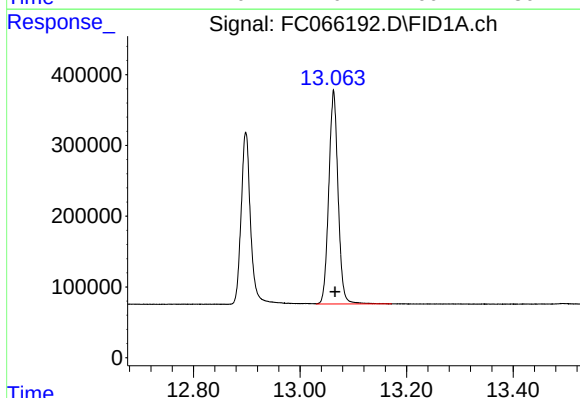
#9 ortho-Terphenyl (SURR)

R.T.: 11.471 min
Delta R.T.: -0.003 min
Response: 4123101
Conc: 19.52 ug/ml



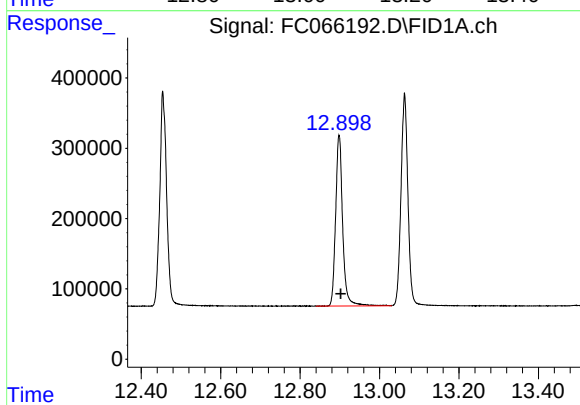
#10 n-Eicosane (C20)

R.T.: 12.455 min
Delta R.T.: -0.004 min
Response: 3657818
Conc: 19.35 ug/ml



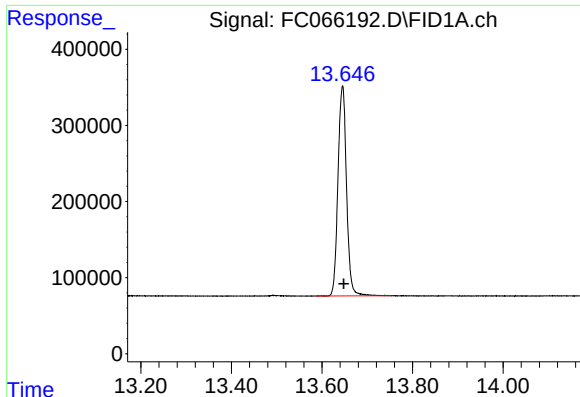
#11 n-Heneicosane (C21)

R.T.: 13.063 min
Delta R.T.: -0.003 min
Response: 3657575
Conc: 19.54 ug/ml



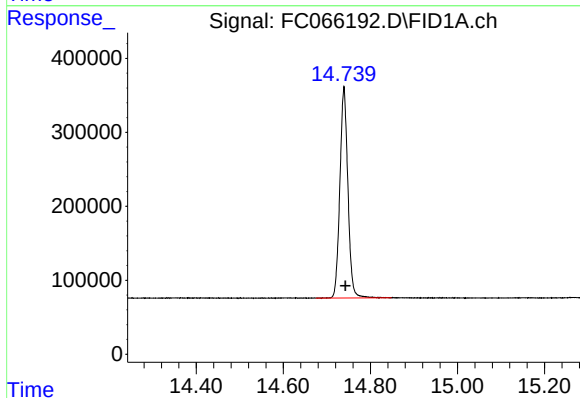
#12 1-chlorooctadecane (SURR)

R.T.: 12.898 min
Delta R.T.: -0.004 min
Response: 2998239
Conc: 19.12 ug/ml



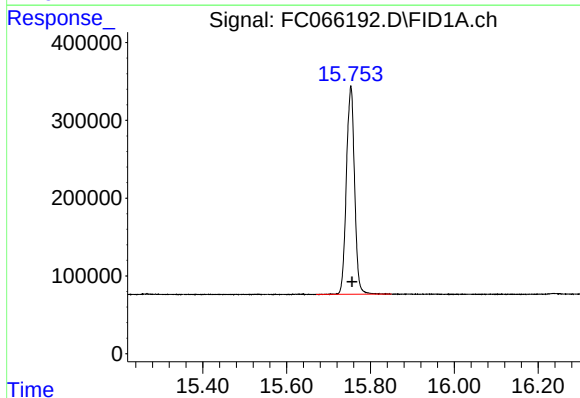
#13 n-Docosane (C22)

R.T.: 13.645 min
Delta R.T.: -0.003 min
Response: 3614218
Conc: 19.09 ug/ml



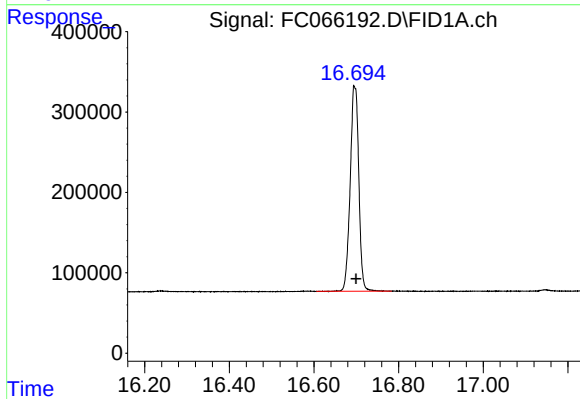
#14 n-Tetracosane (C24)

R.T.: 14.739 min
Delta R.T.: -0.004 min
Response: 3633040
Conc: 18.72 ug/ml



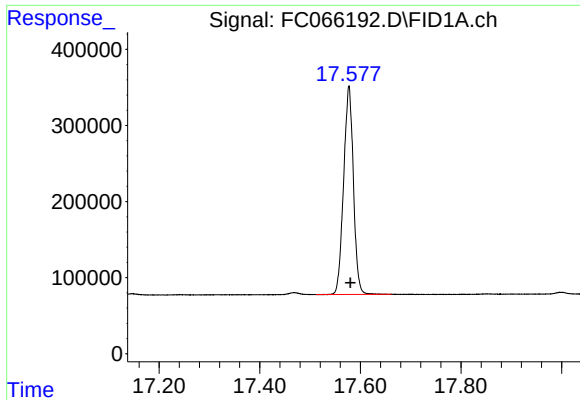
#15 n-Hexacosane (C26)

R.T.: 15.753 min
Delta R.T.: -0.003 min
Response: 3624456
Conc: 18.77 ug/ml



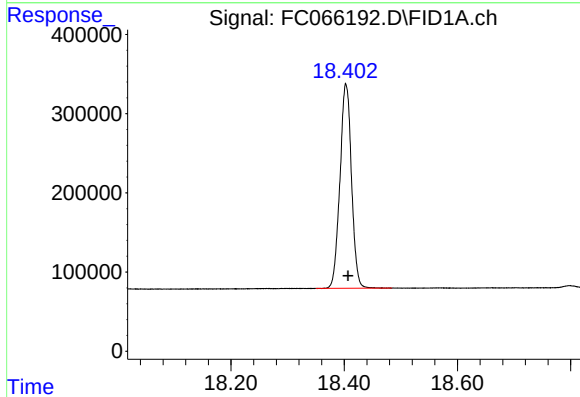
#16 n-Octacosane (C28)

R.T.: 16.697 min
Delta R.T.: -0.003 min
Response: 3604258
Conc: 18.55 ug/ml



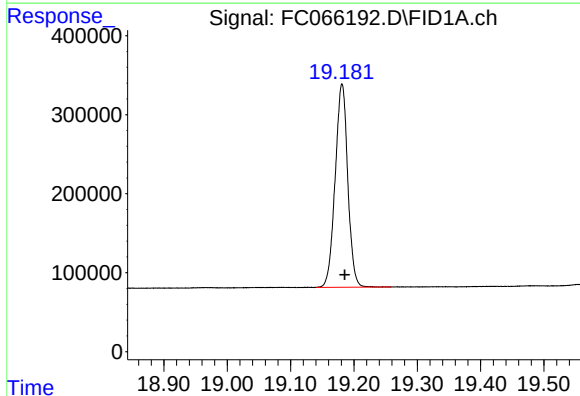
#17 n-Tricontane (C30)

R.T.: 17.577 min
Delta R.T.: -0.003 min
Response: 3693390
Conc: 18.66 ug/ml



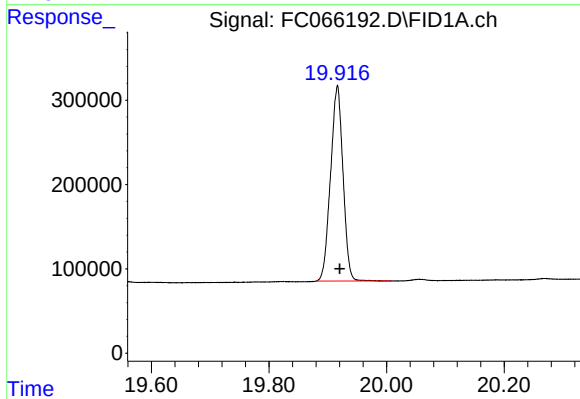
#18 n-Dotriacontane (C32)

R.T.: 18.403 min
Delta R.T.: -0.003 min
Response: 3653474
Conc: 18.89 ug/ml



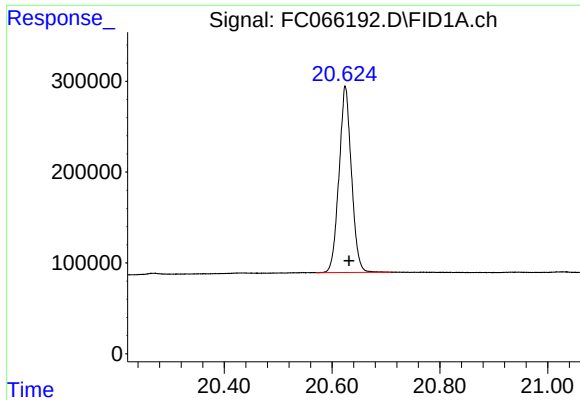
#19 n-Tetratriacontane (C34)

R.T.: 19.181 min
Delta R.T.: -0.004 min
Response: 3553892
Conc: 19.39 ug/ml



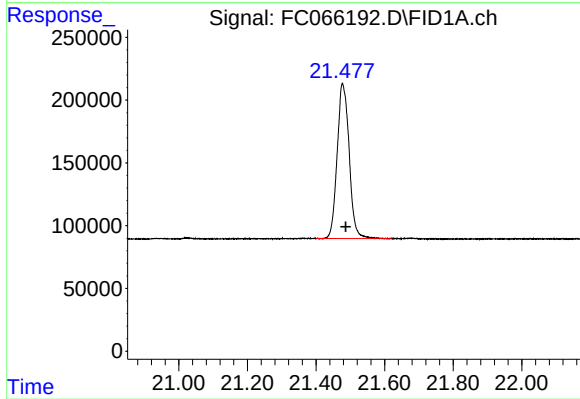
#20 n-Hexatriacontane (C36)

R.T.: 19.916 min
Delta R.T.: -0.004 min
Response: 3400496
Conc: 19.35 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.625 min
Delta R.T.: -0.007 min
Response: 3281976
Conc: 19.02 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.477 min
Delta R.T.: -0.009 min
Response: 3000318
Conc: 17.82 ug/ml