

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041824AL\
 Data File : FC066217.D
 Signal(s) : FID1A.ch
 Acq On : 18 Apr 2024 19:26
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 19 03:35:32 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 041524.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 16 08:19:15 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)	11.567	3105418	22.488 ug/ml
Spiked Amount 50.000		Recovery =	44.98%
12) S 1-chlorooctadecane (S...	13.007	2233107	22.758 ug/ml
Spiked Amount 50.000		Recovery =	45.52%
Target Compounds			
1) T n-Nonane (C9)	3.323	2931565	22.772 ug/ml
2) T n-Decane (C10)	4.391	2976067	22.824 ug/ml
3) T A~Naphthalene (C11.7)	5.974	3234900	22.555 ug/ml
4) T n-Dodecane (C12)	6.412	2917892	22.535 ug/ml
5) T A~2-methylnaphthalene...	7.031	3088831	22.431 ug/ml
6) T n-Tetradecane (C14)	8.207	2822395	22.424 ug/ml
7) T n-Hexadecane (C16)	9.809	2872406	22.551 ug/ml
8) T n-Octadecane (C18)	11.253	2881808	22.640 ug/ml
10) T n-Eicosane (C20)	12.564	2742523	22.758 ug/ml
11) T n-Heneicosane (C21)	13.175	2692124	22.752 ug/ml
13) T n-Docosane (C22)	13.763	2692380	22.935 ug/ml
14) T n-Tetracosane (C24)	14.866	2696068	23.108 ug/ml
15) T n-Hexacosane (C26)	15.888	2670967	23.234 ug/ml
16) T n-Octacosane (C28)	16.838	2667037	23.533 ug/ml
17) T n-Tricontane (C30)	17.727	2751567	23.752 ug/ml
18) T n-Dotriacontane (C32)	18.560	2729374	23.773 ug/mlm
19) T n-Tetratriacontane (C34)	19.344	2597838	23.655 ug/ml
20) T n-Hexatriacontane (C36)	20.085	2399258	23.244 ug/mlm
21) T n-Octatriacontane (C38)	20.822	2121131	21.759 ug/mlm
22) T n-Tetracontane (C40)	21.736	1722075	19.031 ug/ml

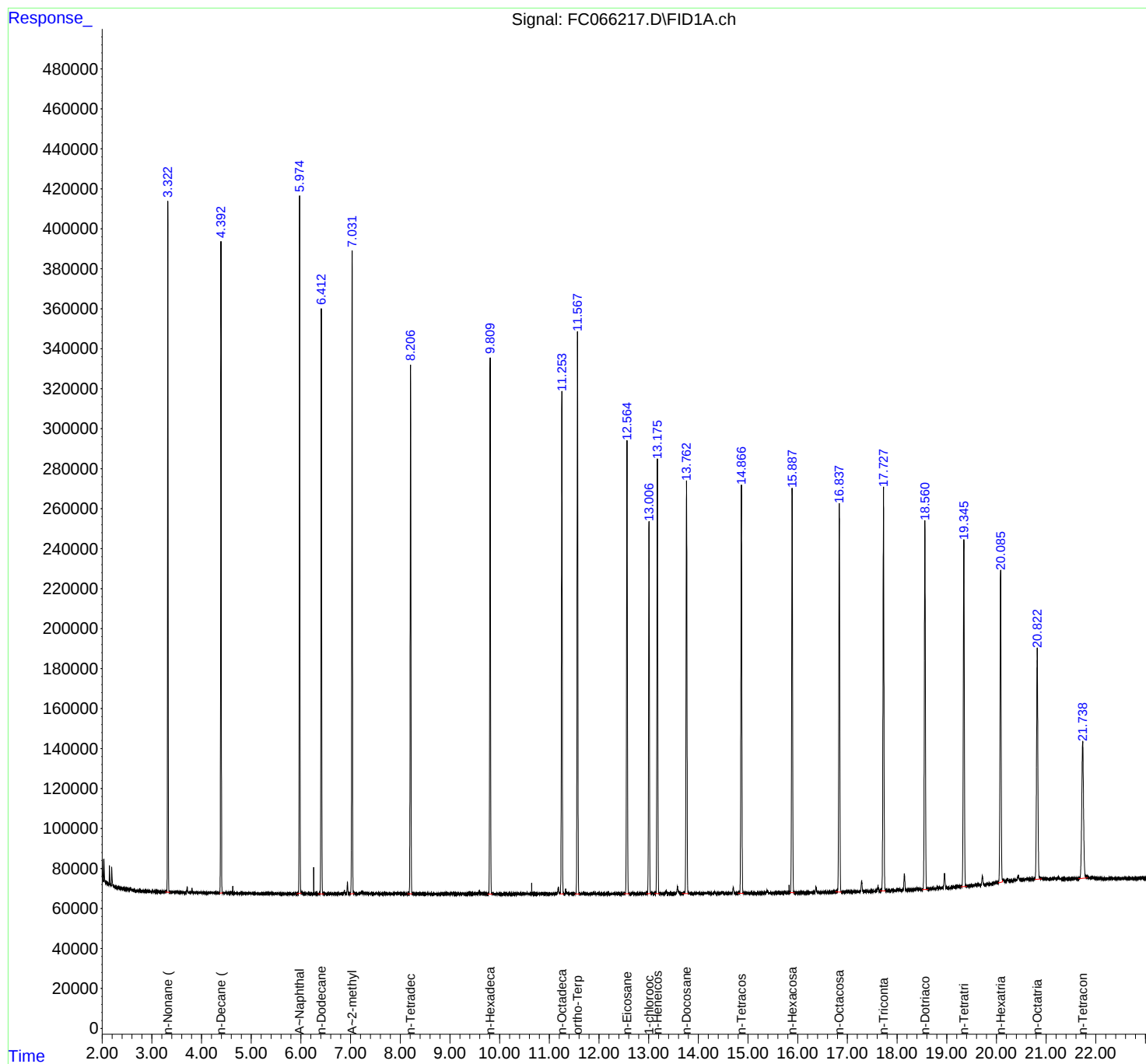
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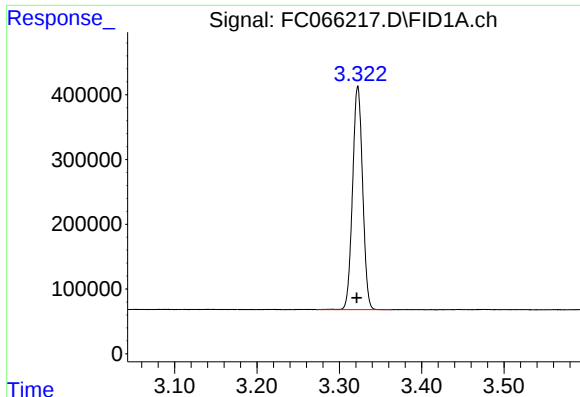
(m)=manual int.

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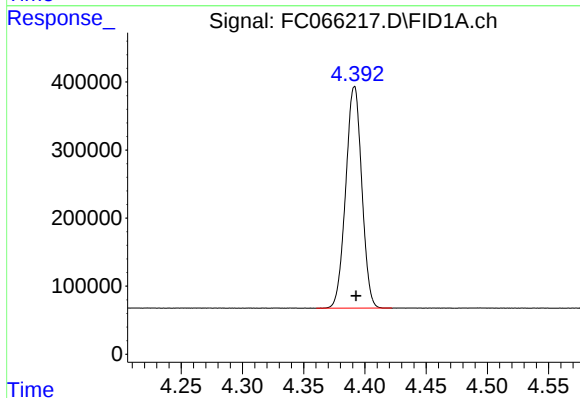
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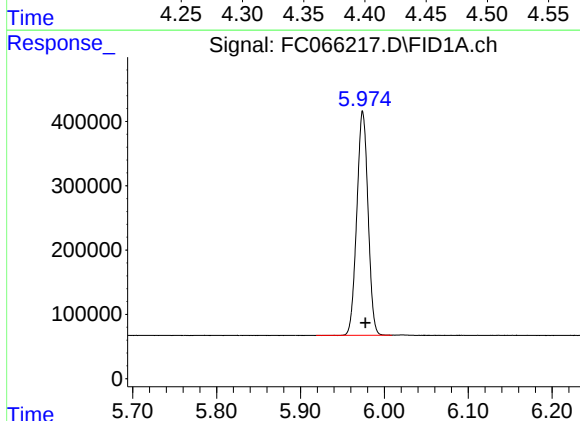
#1 n-Nonane (C9)

R.T.: 3.323 min
Delta R.T.: 0.002 min
Response: 2931565
Conc: 22.77 ug/ml



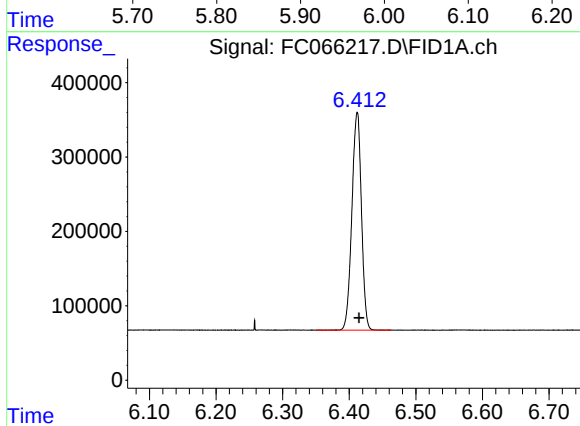
#2 n-Decane (C10)

R.T.: 4.391 min
Delta R.T.: -0.001 min
Response: 2976067
Conc: 22.82 ug/ml



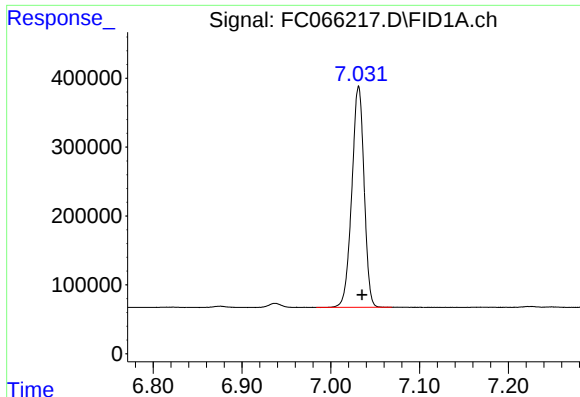
#3 A~Naphthalene (C11.7)

R.T.: 5.974 min
Delta R.T.: -0.003 min
Response: 3234900
Conc: 22.55 ug/ml



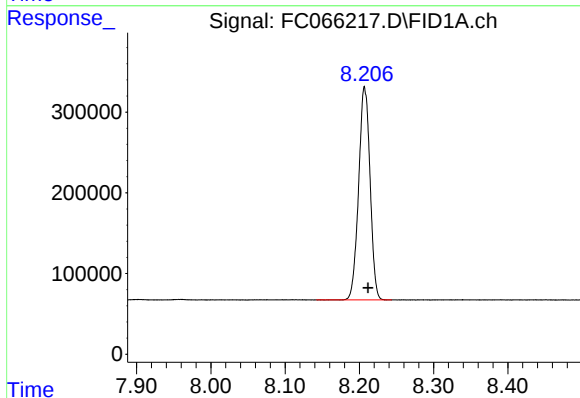
#4 n-Dodecane (C12)

R.T.: 6.412 min
Delta R.T.: -0.003 min
Response: 2917892
Conc: 22.53 ug/ml



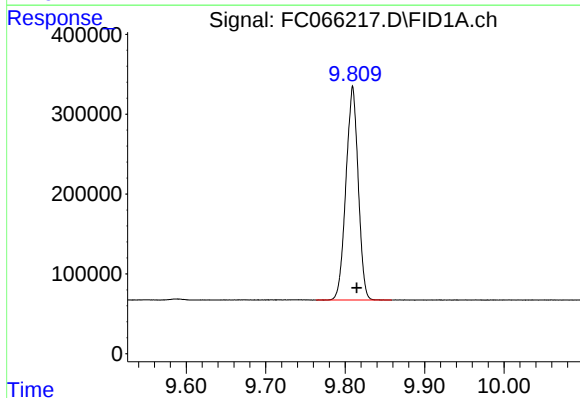
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.031 min
Delta R.T.: -0.004 min
Response: 3088831
Conc: 22.43 ug/ml



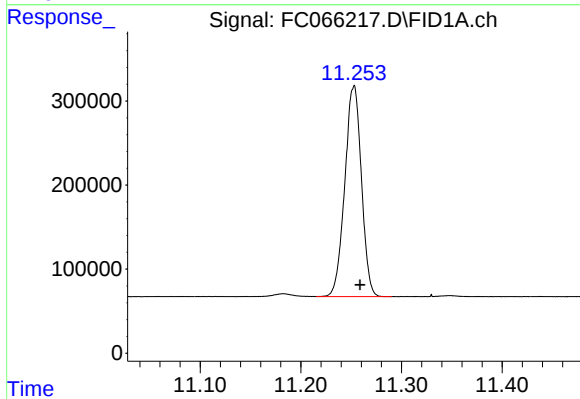
#6 n-Tetradecane (C14)

R.T.: 8.207 min
Delta R.T.: -0.004 min
Response: 2822395
Conc: 22.42 ug/ml



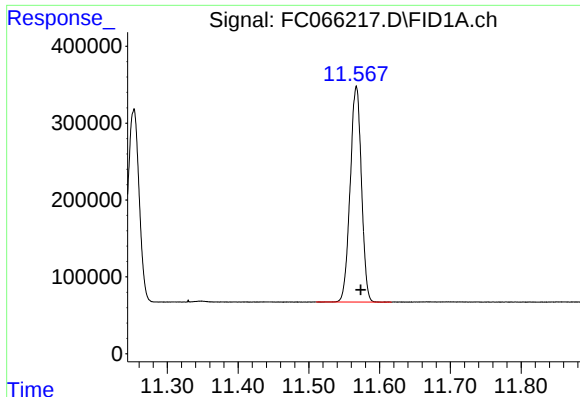
#7 n-Hexadecane (C16)

R.T.: 9.809 min
Delta R.T.: -0.005 min
Response: 2872406
Conc: 22.55 ug/ml



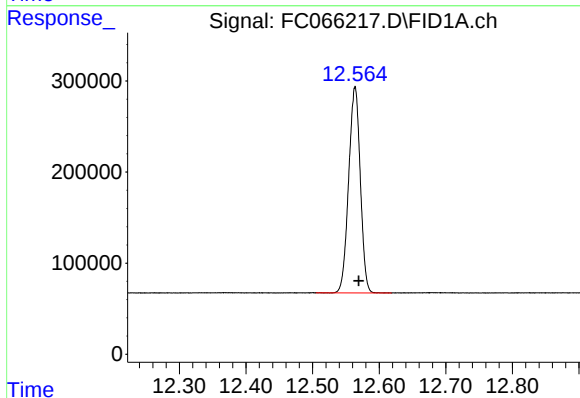
#8 n-Octadecane (C18)

R.T.: 11.253 min
Delta R.T.: -0.006 min
Response: 2881808
Conc: 22.64 ug/ml



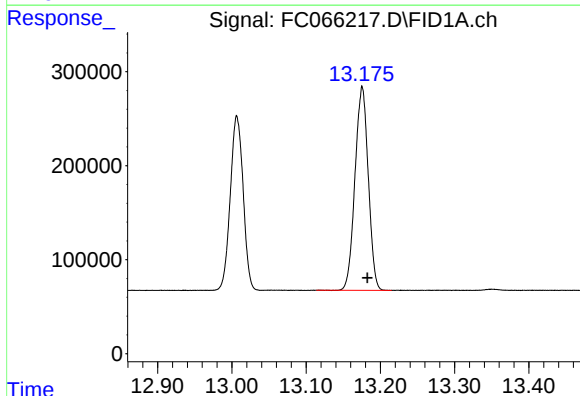
#9 ortho-Terphenyl (SURR)

R.T.: 11.567 min
Delta R.T.: -0.006 min
Response: 3105418
Conc: 22.49 ug/ml



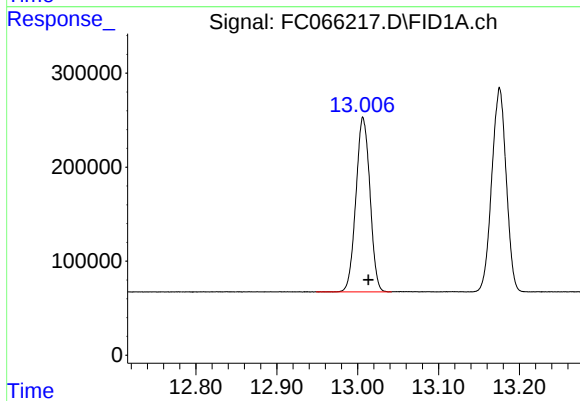
#10 n-Eicosane (C20)

R.T.: 12.564 min
Delta R.T.: -0.006 min
Response: 2742523
Conc: 22.76 ug/ml



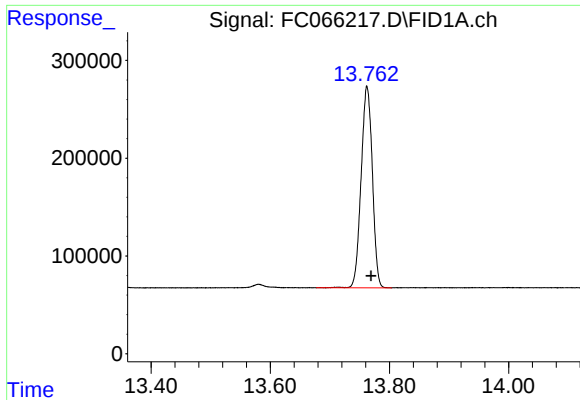
#11 n-Heneicosane (C21)

R.T.: 13.175 min
Delta R.T.: -0.007 min
Response: 2692124
Conc: 22.75 ug/ml



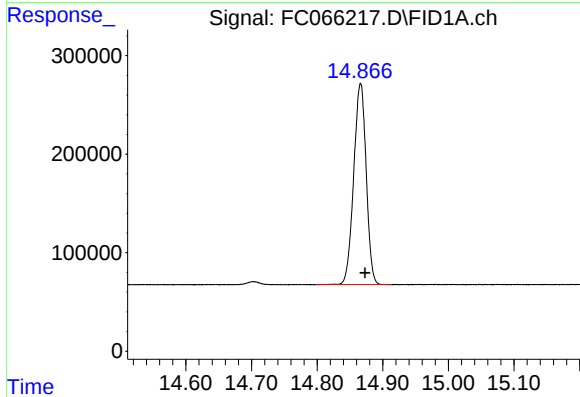
#12 1-chlorooctadecane (SURR)

R.T.: 13.007 min
Delta R.T.: -0.006 min
Response: 2233107
Conc: 22.76 ug/ml



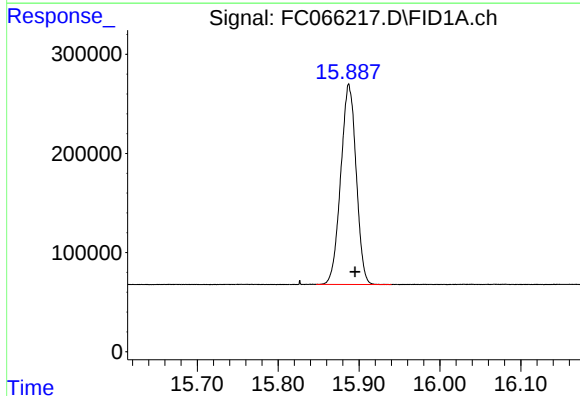
#13 n-Docosane (C22)

R.T.: 13.763 min
Delta R.T.: -0.007 min
Response: 2692380
Conc: 22.93 ug/ml



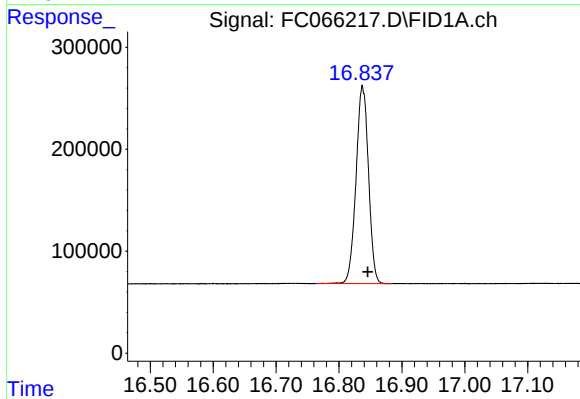
#14 n-Tetracosane (C24)

R.T.: 14.866 min
Delta R.T.: -0.007 min
Response: 2696068
Conc: 23.11 ug/ml



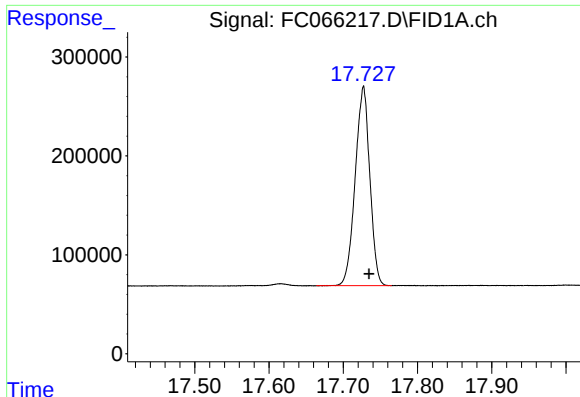
#15 n-Hexacosane (C26)

R.T.: 15.888 min
Delta R.T.: -0.007 min
Response: 2670967
Conc: 23.23 ug/ml



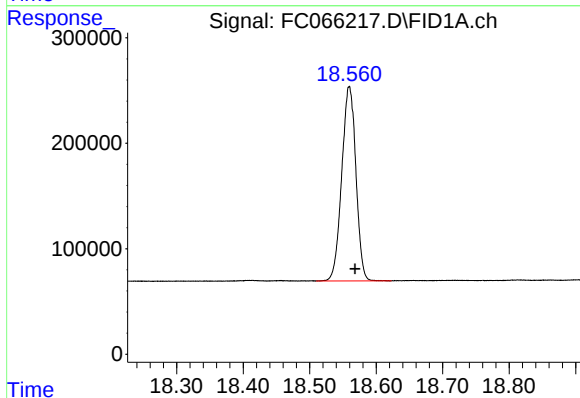
#16 n-Octacosane (C28)

R.T.: 16.838 min
Delta R.T.: -0.008 min
Response: 2667037
Conc: 23.53 ug/ml



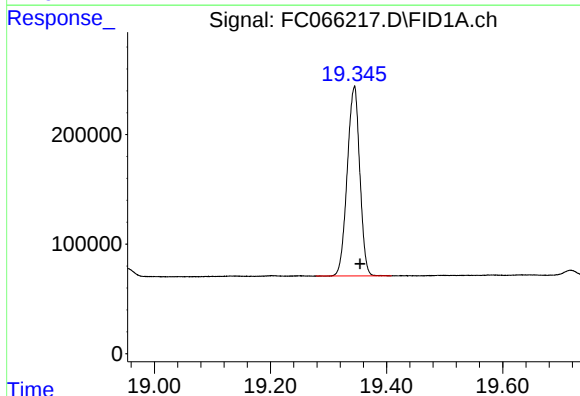
#17 n-Tricontane (C30)

R.T.: 17.727 min
Delta R.T.: -0.008 min
Response: 2751567
Conc: 23.75 ug/ml



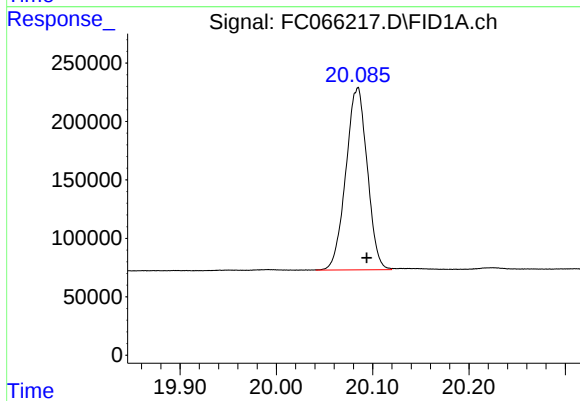
#18 n-Dotriacontane (C32)

R.T.: 18.560 min
Delta R.T.: -0.008 min
Response: 2729374
Conc: 23.77 ug/ml m



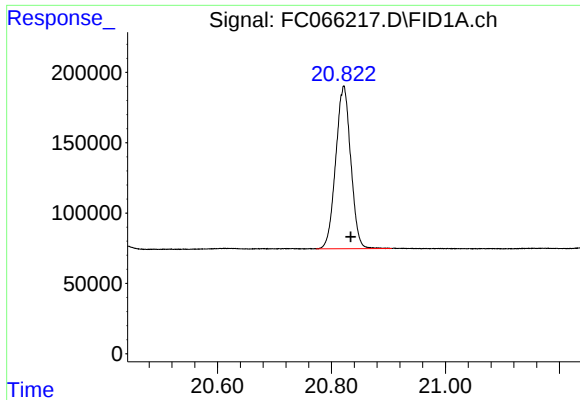
#19 n-Tetratriacontane (C34)

R.T.: 19.344 min
Delta R.T.: -0.010 min
Response: 2597838
Conc: 23.66 ug/ml



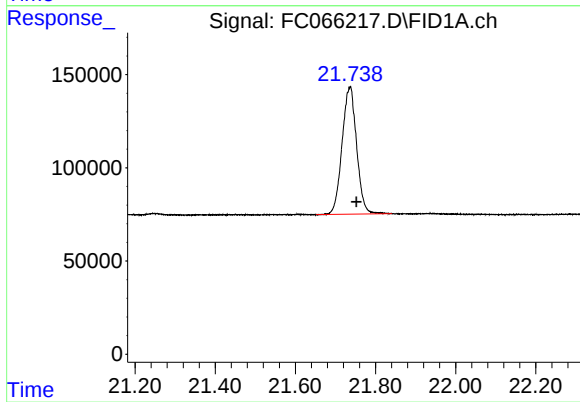
#20 n-Hexatriacontane (C36)

R.T.: 20.085 min
Delta R.T.: -0.009 min
Response: 2399258
Conc: 23.24 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.822 min
Delta R.T.: -0.012 min
Response: 2121131
Conc: 21.76 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.736 min
Delta R.T.: -0.016 min
Response: 1722075
Conc: 19.03 ug/ml