

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022924AL\
 Data File : FC065927.D
 Signal(s) : FID1A.ch
 Acq On : 29 Feb 2024 21:48
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 01 02:37:34 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 020824.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 08 13:26:08 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)	11.493	3537606	20.624 ug/ml
Spiked Amount 50.000		Recovery =	41.25%
12) S 1-chlorooctadecane (S...	12.924	2667594	21.197 ug/ml
Spiked Amount 50.000		Recovery =	42.39%
Target Compounds			
1) T n-Nonane (C9)	3.284	3179535	21.164 ug/ml
2) T n-Decane (C10)	4.347	3265304	21.476 ug/ml
3) T A~Naphthalene (C11.7)	5.935	3449934	22.372 ug/ml
4) T n-Dodecane (C12)	6.361	3266735	21.344 ug/ml
5) T A~2-methylnaphthalene...	6.990	3198145	22.459 ug/ml
6) T n-Tetradecane (C14)	8.150	3190493	21.490 ug/ml
7) T n-Hexadecane (C16)	9.744	3266954	21.785 ug/ml
8) T n-Octadecane (C18)	11.179	3290139	21.330 ug/ml
10) T n-Eicosane (C20)	12.481	3157609	20.998 ug/ml
11) T n-Heneicosane (C21)	13.090	3131119	20.936 ug/ml
13) T n-Docosane (C22)	13.674	3106088	20.941 ug/ml
14) T n-Tetracosane (C24)	14.771	3097998	20.836 ug/ml
15) T n-Hexacosane (C26)	15.786	3072695	20.735 ug/mlm
16) T n-Octacosane (C28)	16.729	3032709	20.669 ug/mlm
17) T n-Tricontane (C30)	17.611	3102182	20.665 ug/ml
18) T n-Dotriacontane (C32)	18.441	3073070	20.780 ug/mlm
19) T n-Tetratriacontane (C34)	19.219	3008008	20.753 ug/mlm
20) T n-Hexatriacontane (C36)	19.953	2931617	20.653 ug/mlm
21) T n-Octatriacontane (C38)	20.671	2874618	20.308 ug/mlm
22) T n-Tetracontane (C40)	21.540	2820184	20.218 ug/mlm

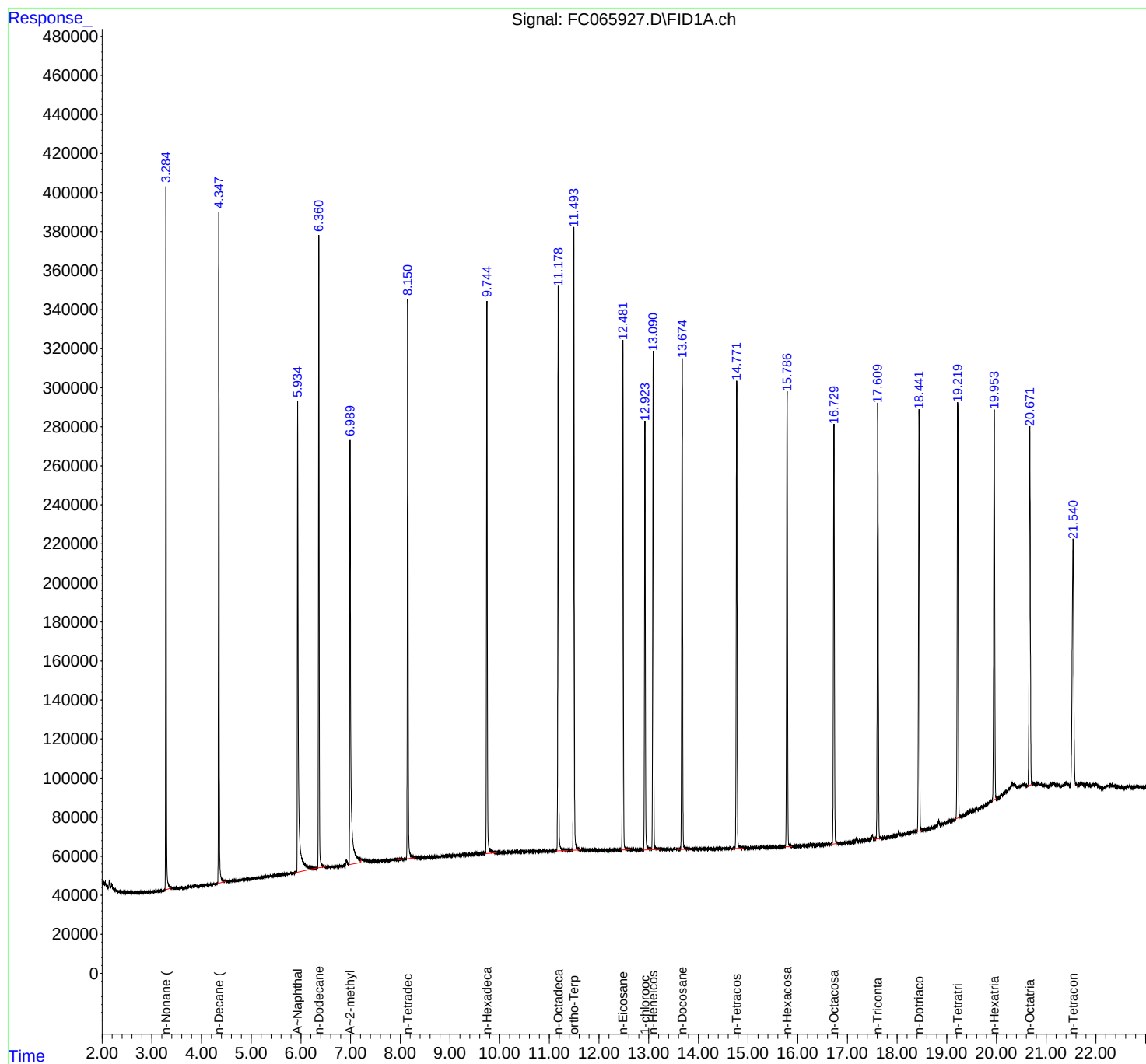
(f)=RT Delta > 1/2 Window

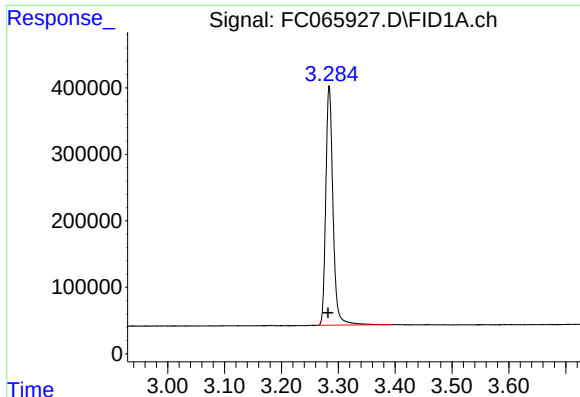
(m)=manual int.

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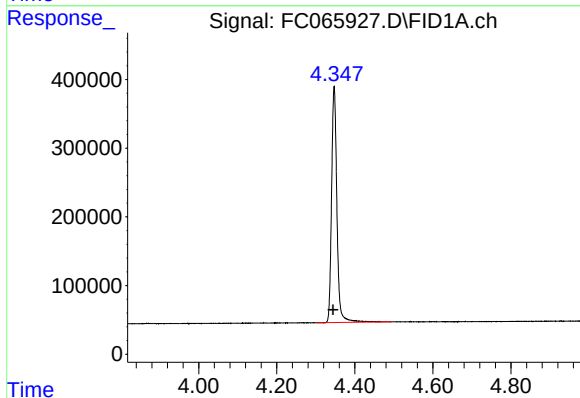
Volume Inj. : 1 ul
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Signal Info : 20M x 0.18mm x 0.18um





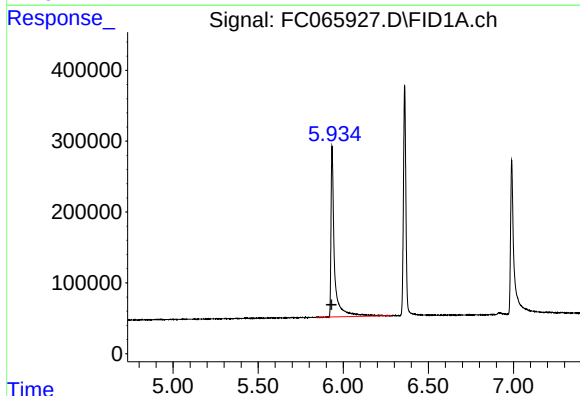
#1 n-Nonane (C9)

R.T.: 3.284 min
Delta R.T.: 0.002 min
Response: 3179535
Conc: 21.16 ug/ml



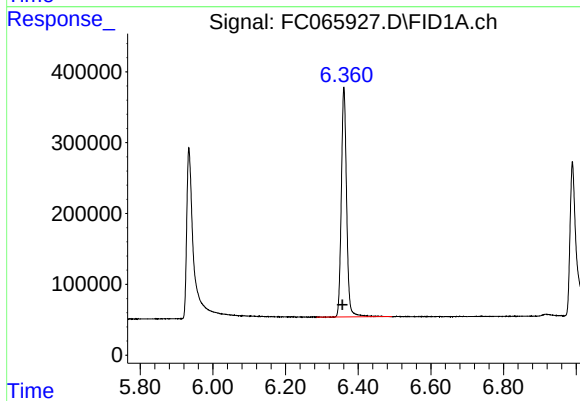
#2 n-Decane (C10)

R.T.: 4.347 min
Delta R.T.: 0.003 min
Response: 3265304
Conc: 21.48 ug/ml



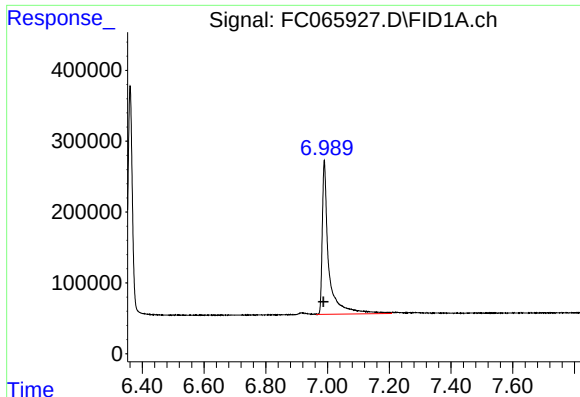
#3 A~Naphthalene (C11.7)

R.T.: 5.935 min
Delta R.T.: 0.003 min
Response: 3449934
Conc: 22.37 ug/ml



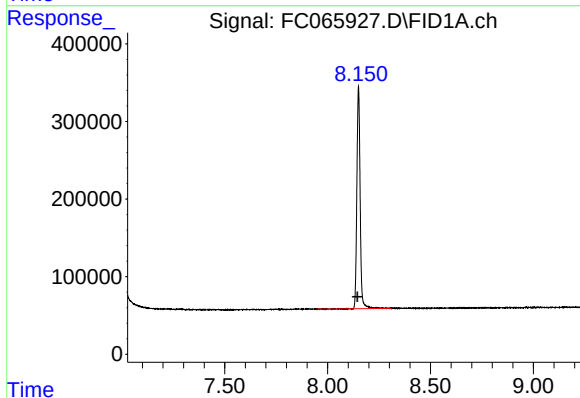
#4 n-Dodecane (C12)

R.T.: 6.361 min
Delta R.T.: 0.004 min
Response: 3266735
Conc: 21.34 ug/ml



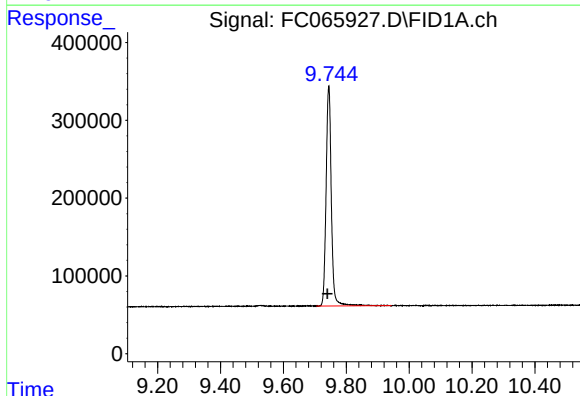
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.990 min
Delta R.T.: 0.003 min
Response: 3198145
Conc: 22.46 ug/ml



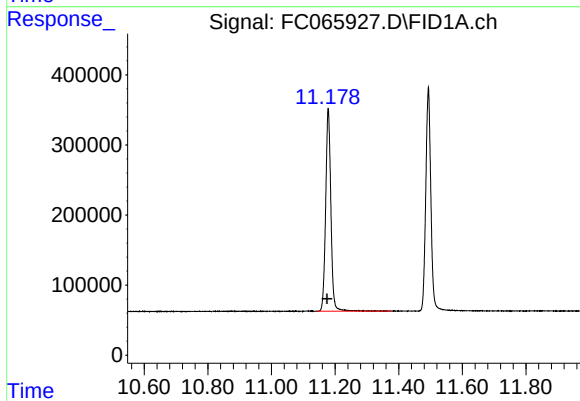
#6 n-Tetradecane (C14)

R.T.: 8.150 min
Delta R.T.: 0.005 min
Response: 3190493
Conc: 21.49 ug/ml



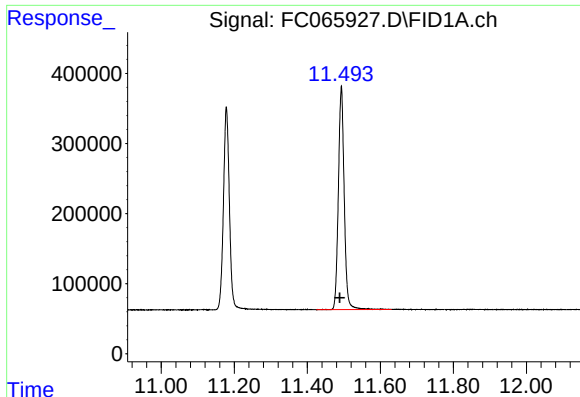
#7 n-Hexadecane (C16)

R.T.: 9.744 min
Delta R.T.: 0.004 min
Response: 3266954
Conc: 21.78 ug/ml



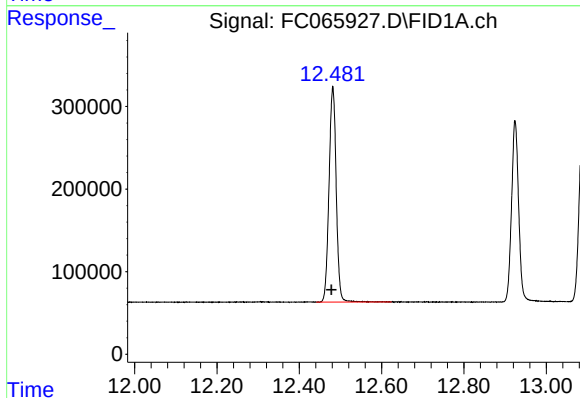
#8 n-Octadecane (C18)

R.T.: 11.179 min
Delta R.T.: 0.004 min
Response: 3290139
Conc: 21.33 ug/ml



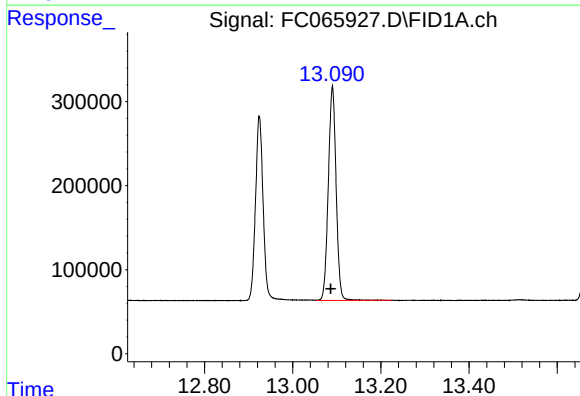
#9 ortho-Terphenyl (SURR)

R.T.: 11.493 min
Delta R.T.: 0.005 min
Response: 3537606
Conc: 20.62 ug/ml



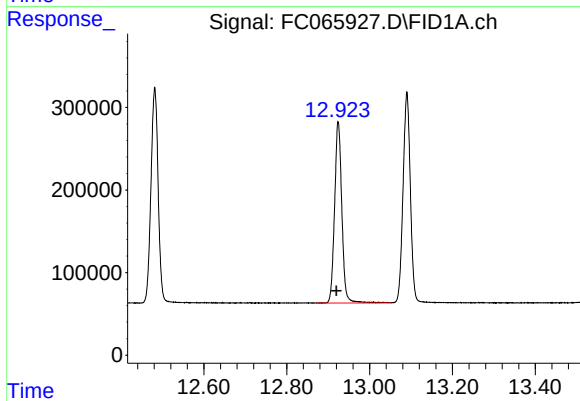
#10 n-Eicosane (C20)

R.T.: 12.481 min
Delta R.T.: 0.003 min
Response: 3157609
Conc: 21.00 ug/ml



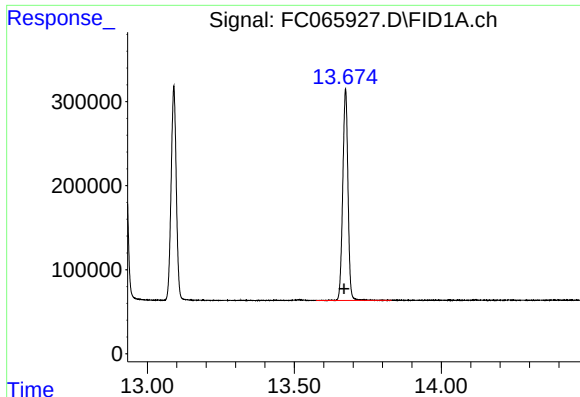
#11 n-Heneicosane (C21)

R.T.: 13.090 min
Delta R.T.: 0.004 min
Response: 3131119
Conc: 20.94 ug/ml



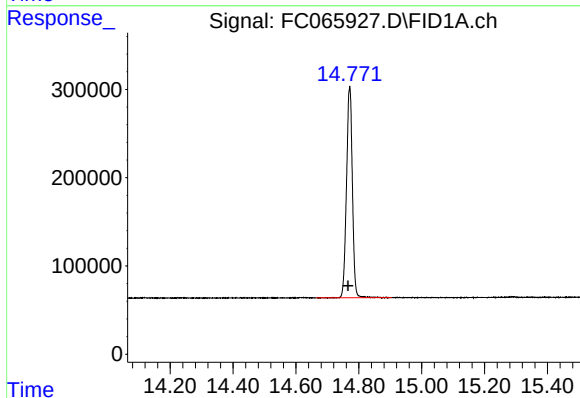
#12 1-chlorooctadecane (SURR)

R.T.: 12.924 min
Delta R.T.: 0.004 min
Response: 2667594
Conc: 21.20 ug/ml



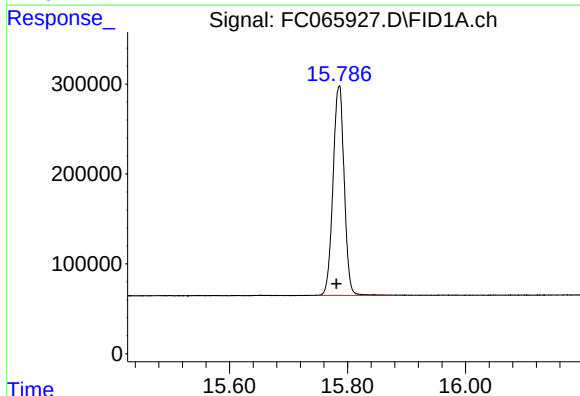
#13 n-Docosane (C22)

R.T.: 13.674 min
Delta R.T.: 0.005 min
Response: 3106088
Conc: 20.94 ug/ml



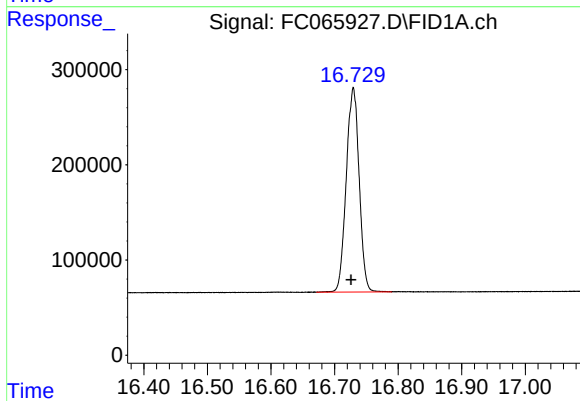
#14 n-Tetracosane (C24)

R.T.: 14.771 min
Delta R.T.: 0.005 min
Response: 3097998
Conc: 20.84 ug/ml



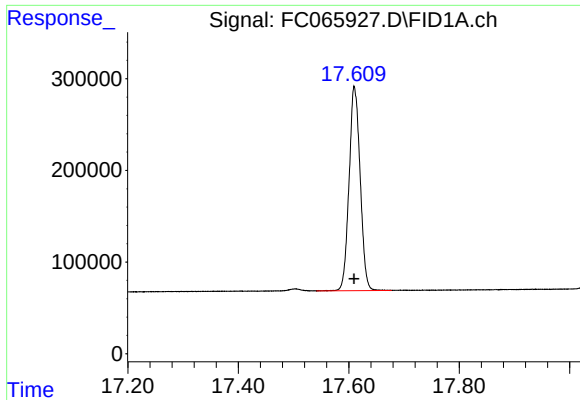
#15 n-Hexacosane (C26)

R.T.: 15.786 min
Delta R.T.: 0.005 min
Response: 3072695
Conc: 20.73 ug/ml m



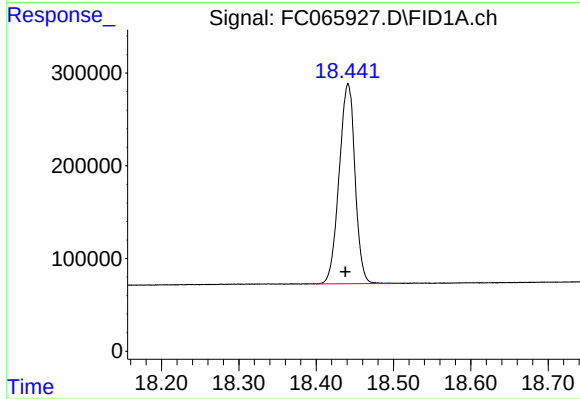
#16 n-Octacosane (C28)

R.T.: 16.729 min
Delta R.T.: 0.003 min
Response: 3032709
Conc: 20.67 ug/ml m



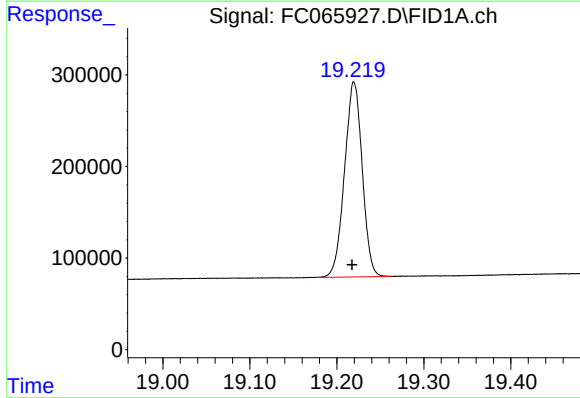
#17 n-Tricontane (C30)

R.T.: 17.611 min
Delta R.T.: 0.000 min
Response: 3102182
Conc: 20.67 ug/ml



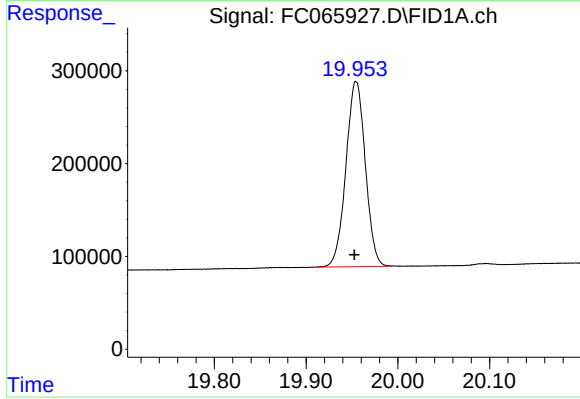
#18 n-Dotriacontane (C32)

R.T.: 18.441 min
Delta R.T.: 0.003 min
Response: 3073070
Conc: 20.78 ug/ml m



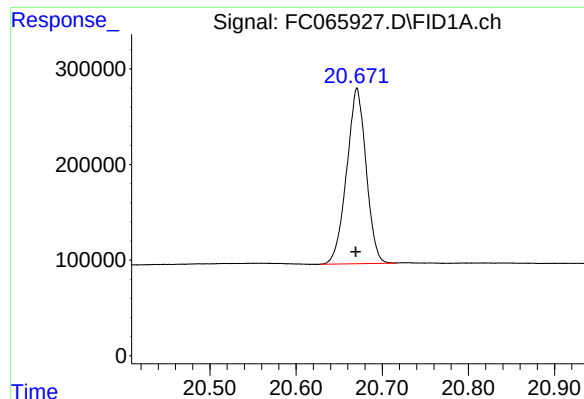
#19 n-Tetratriacontane (C34)

R.T.: 19.219 min
Delta R.T.: 0.001 min
Response: 3008008
Conc: 20.75 ug/ml m



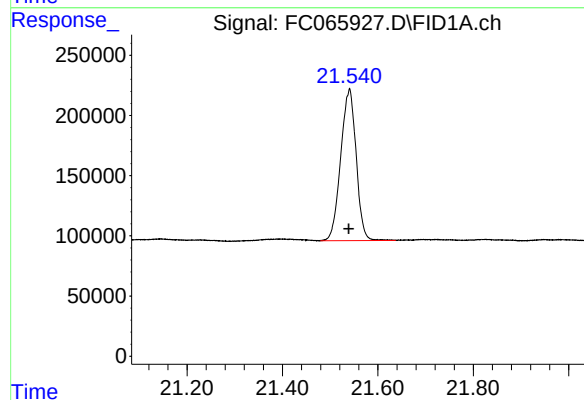
#20 n-Hexatriacontane (C36)

R.T.: 19.953 min
Delta R.T.: 0.000 min
Response: 2931617
Conc: 20.65 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.671 min
Delta R.T.: 0.002 min
Response: 2874618
Conc: 20.31 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.540 min
Delta R.T.: 0.002 min
Response: 2820184
Conc: 20.22 ug/ml m