

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC071222AL\
 Data File : FC060687.D
 Signal(s) : FID1A.ch
 Acq On : 12 Jul 2022 09:49
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Jul 13 01:36:42 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 062422.M
 Quant Title : GC Extractables
 QLast Update : Sat Jun 25 04:15:44 2022
 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)	10.638	3355509	18.310 ug/ml
Spiked Amount 50.000		Recovery =	36.62%
12) S 1-chlorooctadecane (S...	12.005	2651684	17.990 ug/ml
Spiked Amount 50.000		Recovery =	35.98%
Target Compounds			
1) T n-Nonane (C9)	2.623	3035098	19.786 ug/ml
2) T n-Decane (C10)	3.619	3111520	20.374 ug/ml
3) T A~Naphthalene (C11.7)	5.159	3356999	20.079 ug/ml
4) T n-Dodecane (C12)	5.568	3271094	20.240 ug/ml
5) T A~2-methylnaphthalene...	6.182	3374837	19.853 ug/ml
6) T n-Tetradecane (C14)	7.320	3282990	19.873 ug/ml
7) T n-Hexadecane (C16)	8.883	3282405	19.422 ug/ml
8) T n-Octadecane (C18)	10.290	3256190	18.927 ug/ml
10) T n-Eicosane (C20)	11.569	3132613	18.355 ug/ml
11) T n-Heneicosane (C21)	12.167	3088347	18.113 ug/ml
13) T n-Docosane (C22)	12.739	3031110	17.782 ug/ml
14) T n-Tetracosane (C24)	13.817	2915311	17.363 ug/ml
15) T n-Hexacosane (C26)	14.814	2804732	17.068 ug/ml
16) T n-Octacosane (C28)	15.741	2754141	17.357 ug/ml
17) T n-Tricontane (C30)	16.607	2786238	18.304 ug/ml
18) T n-Dotriacontane (C32)	17.419	2736418	18.824 ug/mlm
19) T n-Tetratriacontane (C34)	18.183	2568318	20.221 ug/mlm
20) T n-Hexatriacontane (C36)	18.906	2410373	21.477 ug/ml
21) T n-Octatriacontane (C38)	19.588	2313235	21.132 ug/mlm
22) T n-Tetracontane (C40)	20.237	2344250	20.757 ug/ml

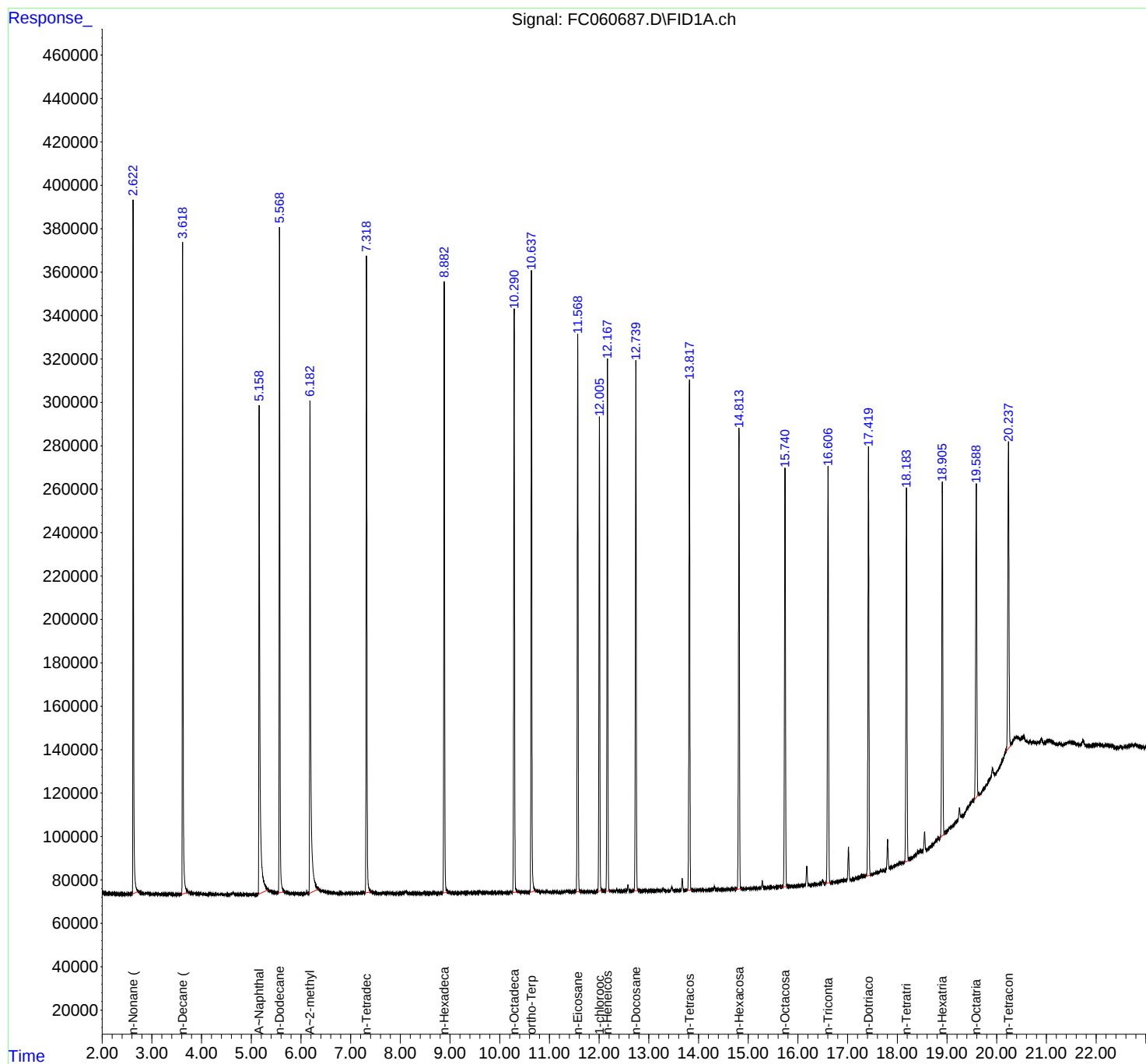
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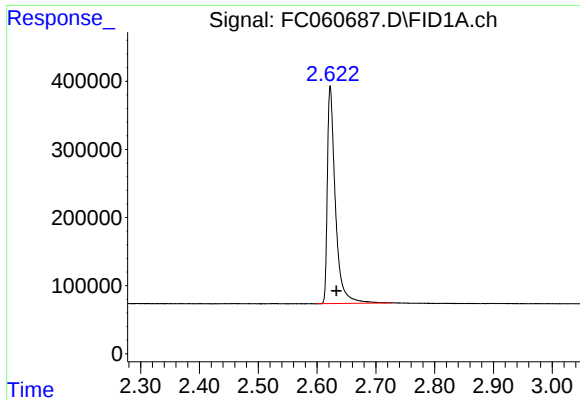
(m)=manual int.

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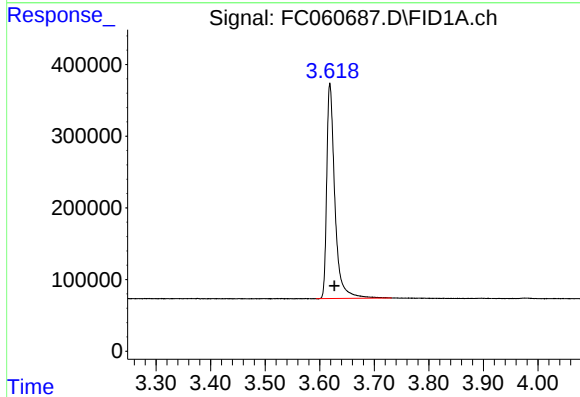
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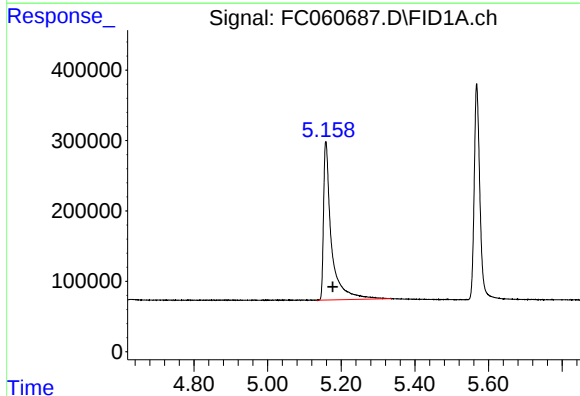
#1 n-Nonane (C9)

R.T.: 2.623 min
Delta R.T.: -0.010 min
Response: 3035098
Conc: 19.79 ug/ml



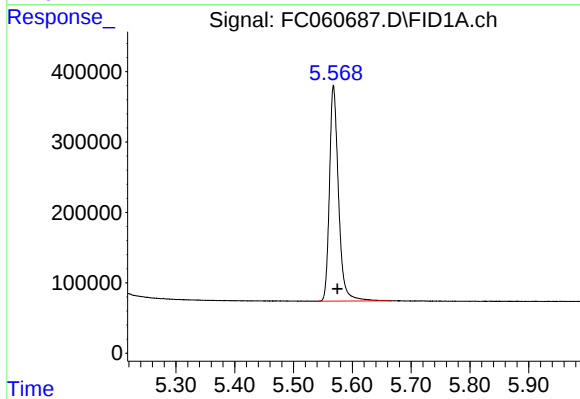
#2 n-Decane (C10)

R.T.: 3.619 min
Delta R.T.: -0.008 min
Response: 3111520
Conc: 20.37 ug/ml



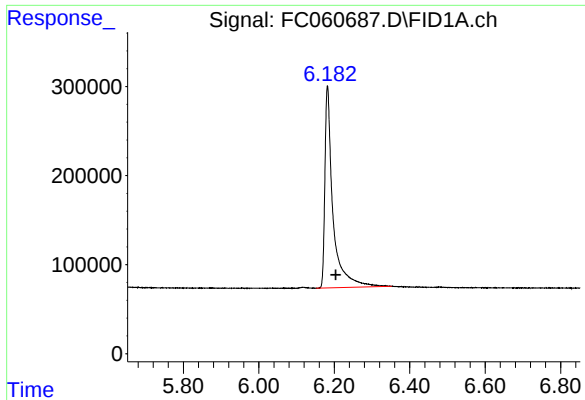
#3 A~Naphthalene (C11.7)

R.T.: 5.159 min
Delta R.T.: -0.018 min
Response: 3356999
Conc: 20.08 ug/ml



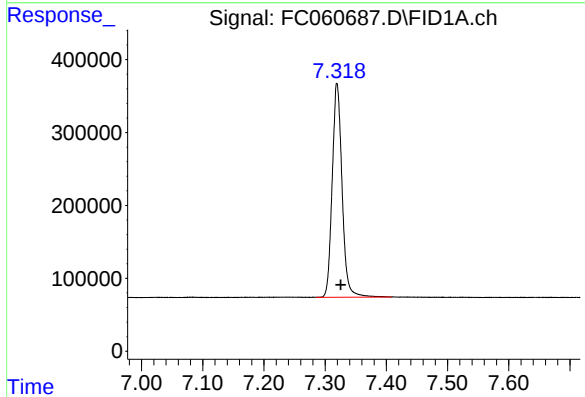
#4 n-Dodecane (C12)

R.T.: 5.568 min
Delta R.T.: -0.006 min
Response: 3271094
Conc: 20.24 ug/ml



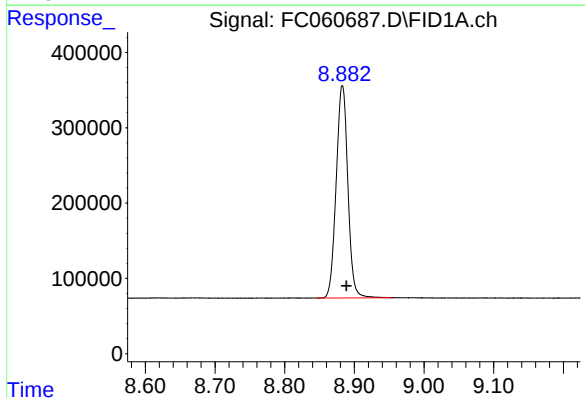
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.182 min
Delta R.T.: -0.022 min
Response: 3374837
Conc: 19.85 ug/ml



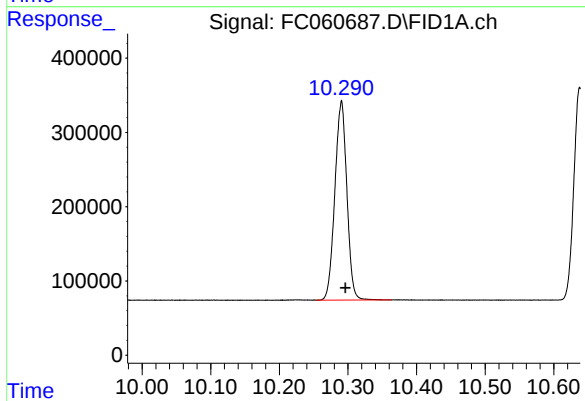
#6 n-Tetradecane (C14)

R.T.: 7.320 min
Delta R.T.: -0.006 min
Response: 3282990
Conc: 19.87 ug/ml



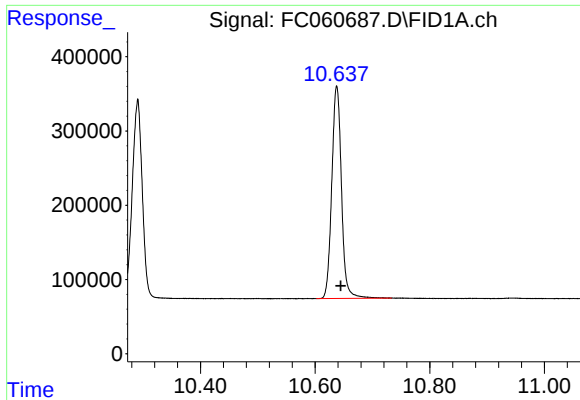
#7 n-Hexadecane (C16)

R.T.: 8.883 min
Delta R.T.: -0.006 min
Response: 3282405
Conc: 19.42 ug/ml



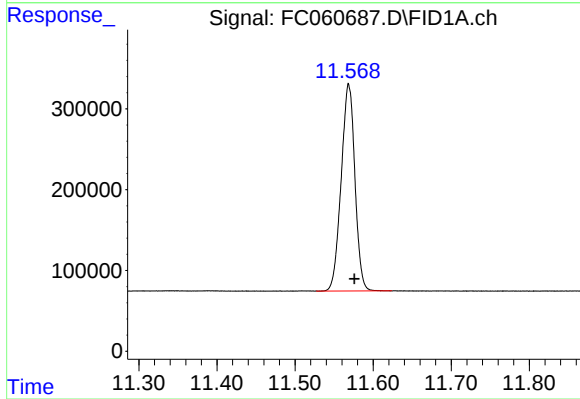
#8 n-Octadecane (C18)

R.T.: 10.290 min
Delta R.T.: -0.006 min
Response: 3256190
Conc: 18.93 ug/ml



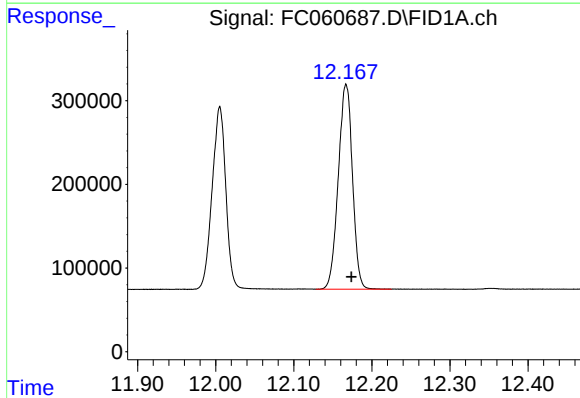
#9 ortho-Terphenyl (SURR)

R.T.: 10.638 min
Delta R.T.: -0.007 min
Response: 3355509
Conc: 18.31 ug/ml



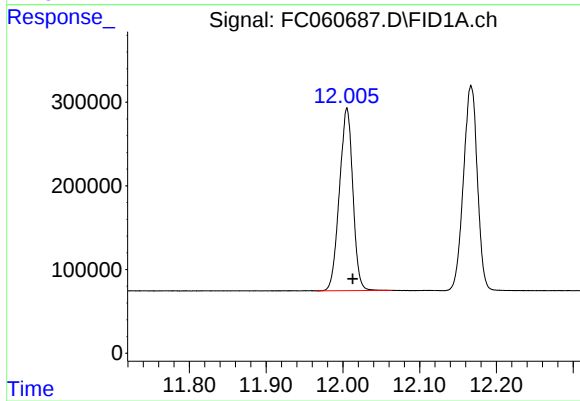
#10 n-Eicosane (C20)

R.T.: 11.569 min
Delta R.T.: -0.008 min
Response: 3132613
Conc: 18.35 ug/ml



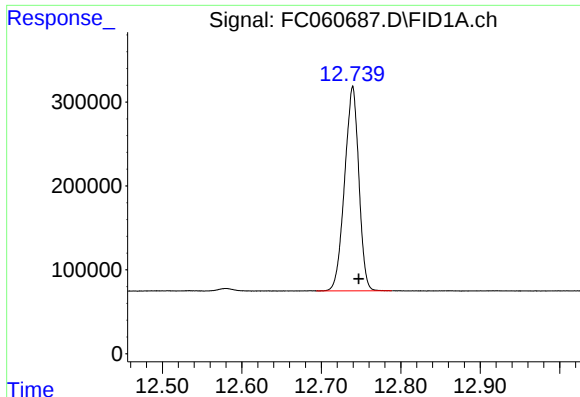
#11 n-Heneicosane (C21)

R.T.: 12.167 min
Delta R.T.: -0.007 min
Response: 3088347
Conc: 18.11 ug/ml



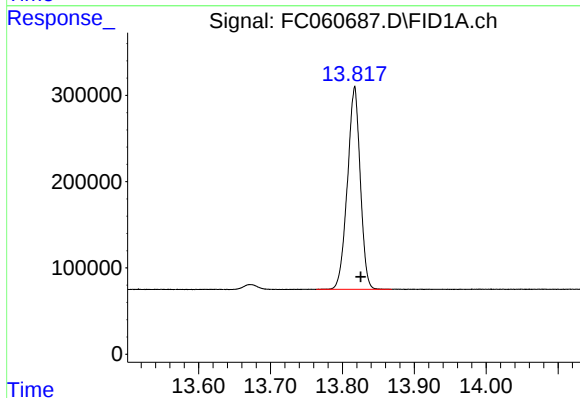
#12 1-chlorooctadecane (SURR)

R.T.: 12.005 min
Delta R.T.: -0.008 min
Response: 2651684
Conc: 17.99 ug/ml



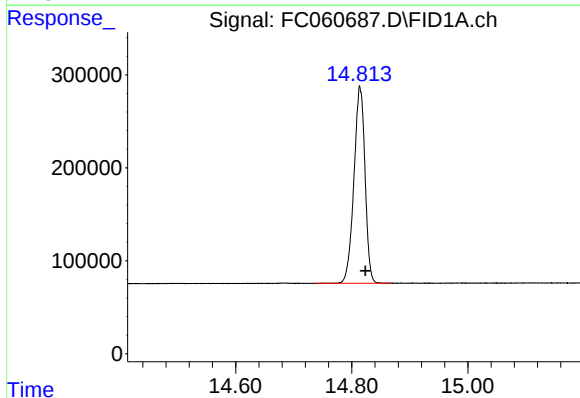
#13 n-Docosane (C22)

R.T.: 12.739 min
Delta R.T.: -0.008 min
Response: 3031110
Conc: 17.78 ug/ml



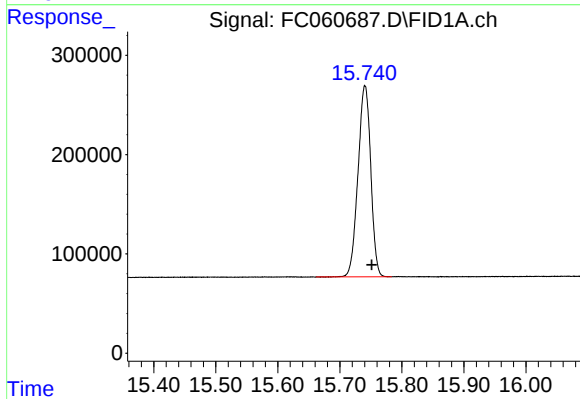
#14 n-Tetracosane (C24)

R.T.: 13.817 min
Delta R.T.: -0.008 min
Response: 2915311
Conc: 17.36 ug/ml



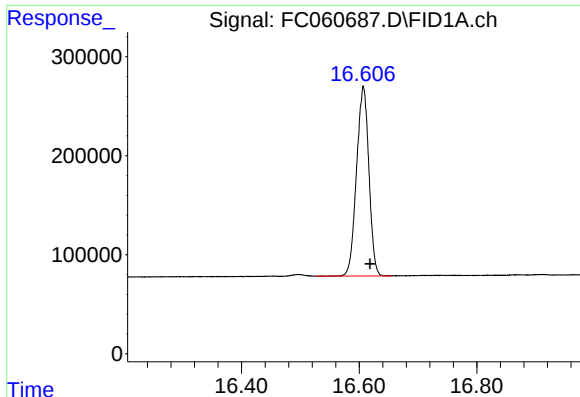
#15 n-Hexacosane (C26)

R.T.: 14.814 min
Delta R.T.: -0.009 min
Response: 2804732
Conc: 17.07 ug/ml



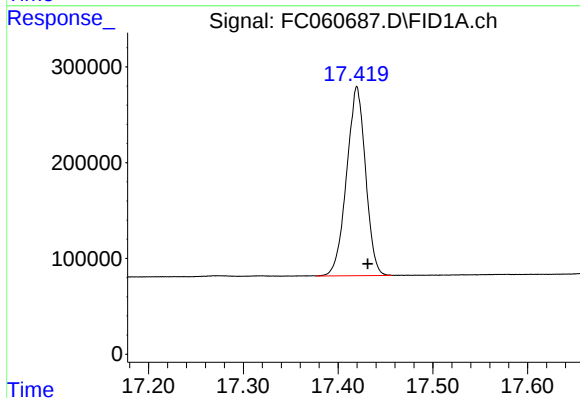
#16 n-Octacosane (C28)

R.T.: 15.741 min
Delta R.T.: -0.011 min
Response: 2754141
Conc: 17.36 ug/ml



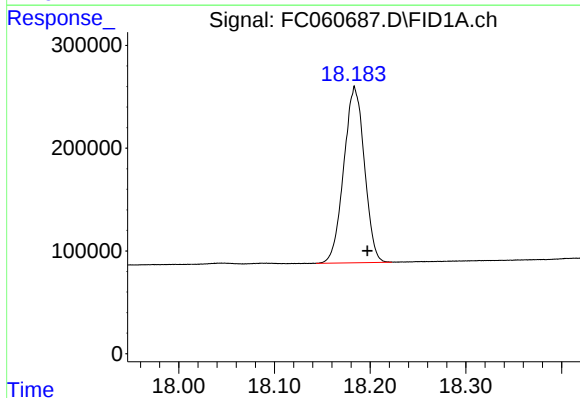
#17 n-Tricontane (C30)

R.T.: 16.607 min
Delta R.T.: -0.012 min
Response: 2786238
Conc: 18.30 ug/ml



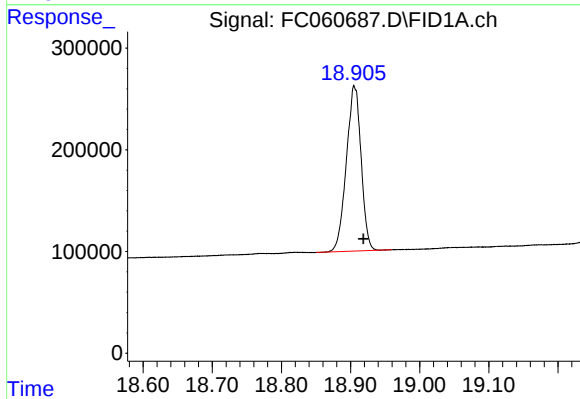
#18 n-Dotriacontane (C32)

R.T.: 17.419 min
Delta R.T.: -0.012 min
Response: 2736418
Conc: 18.82 ug/ml m



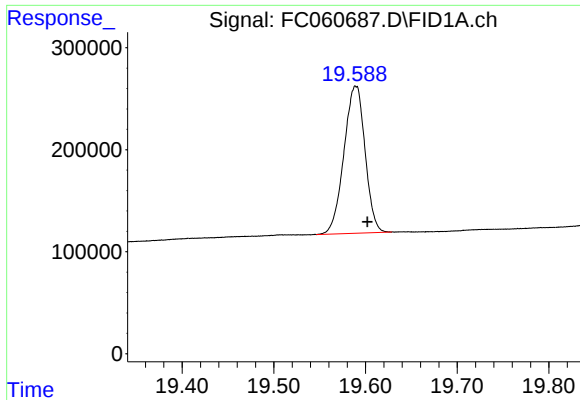
#19 n-Tetratriacontane (C34)

R.T.: 18.183 min
Delta R.T.: -0.014 min
Response: 2568318
Conc: 20.22 ug/ml m



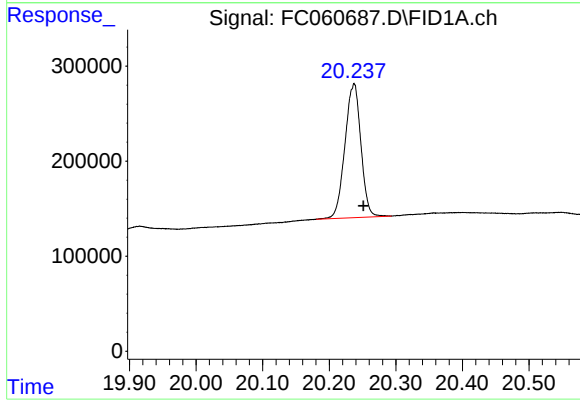
#20 n-Hexatriacontane (C36)

R.T.: 18.906 min
Delta R.T.: -0.013 min
Response: 2410373
Conc: 21.48 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.588 min
Delta R.T.: -0.014 min
Response: 2313235
Conc: 21.13 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 20.237 min
Delta R.T.: -0.014 min
Response: 2344250
Conc: 20.76 ug/ml