

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG083025AL\
 Data File : FG016489.D
 Signal(s) : FID1A.ch
 Acq On : 29 Aug 2025 20:09
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 30 05:10:30 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 082825.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 28 12:01:28 2025
 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)	12.070	2577814	19.472 ug/ml
Spiked Amount 50.000		Recovery =	38.94%
12) S 1-chlorooctadecane (S...	13.515	1964813	19.520 ug/ml
Spiked Amount 50.000		Recovery =	39.04%
Target Compounds			
1) T n-Nonane (C9)	3.390	2211891	19.552 ug/ml
2) T n-Decane (C10)	4.651	2250513	19.551 ug/ml
3) T A~Naphthalene (C11.7)	6.370	2438182	19.635 ug/ml
4) T n-Dodecane (C12)	6.832	2272794	19.592 ug/ml
5) T A~2-methylnaphthalene...	7.474	2335882	19.583 ug/ml
6) T n-Tetradecane (C14)	8.673	2249487	19.496 ug/ml
7) T n-Hexadecane (C16)	10.293	2326114	19.487 ug/ml
8) T n-Octadecane (C18)	11.746	2350732	19.456 ug/ml
10) T n-Eicosane (C20)	13.065	2273453	19.489 ug/ml
11) T n-Heneicosane (C21)	13.682	2238014	19.471 ug/ml
13) T n-Docosane (C22)	14.272	2222756	19.454 ug/ml
14) T n-Tetracosane (C24)	15.384	2211645	19.443 ug/ml
15) T n-Hexacosane (C26)	16.412	2156181	19.418 ug/ml
16) T n-Octacosane (C28)	17.368	2089445	19.328 ug/ml
17) T n-Tricontane (C30)	18.262	2097043	19.200 ug/ml
18) T n-Dotriacontane (C32)	19.101	2029825	19.306 ug/ml
19) T n-Tetratriacontane (C34)	19.889	1835672	19.115 ug/ml
20) T n-Hexatriacontane (C36)	20.632	1579348	18.886 ug/ml
21) T n-Octatriacontane (C38)	21.416	1468177	19.068 ug/ml
22) T n-Tetracontane (C40)	22.414	1397321	18.808 ug/ml

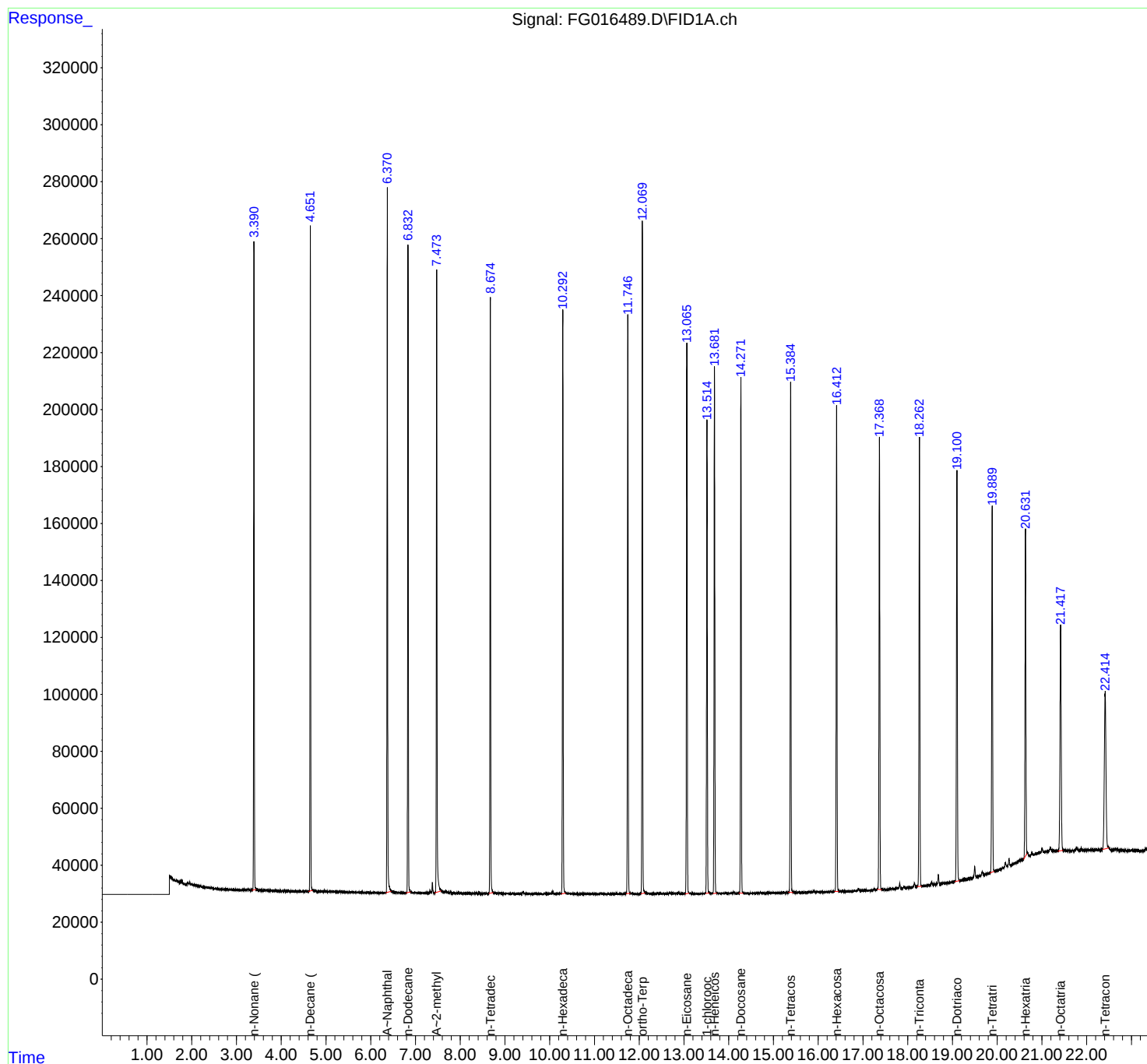
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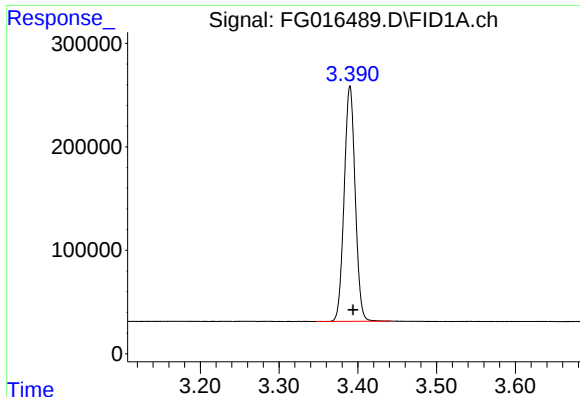
(m)=manual int.

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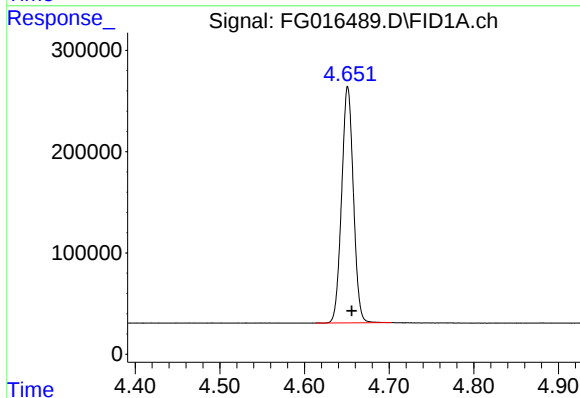
Volume Inj. : 1 uL
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





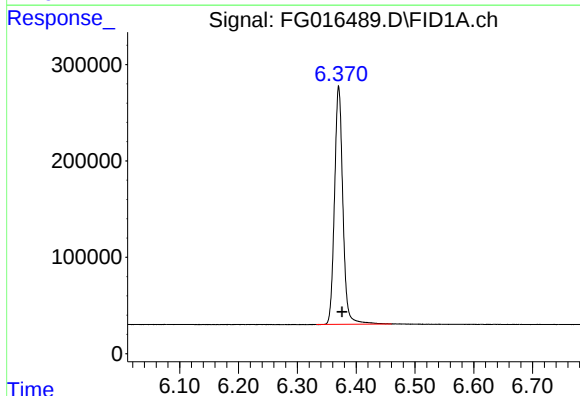
#1 n-Nonane (C9)

R.T.: 3.390 min
Delta R.T.: -0.004 min
Response: 2211891
Conc: 19.55 ug/ml



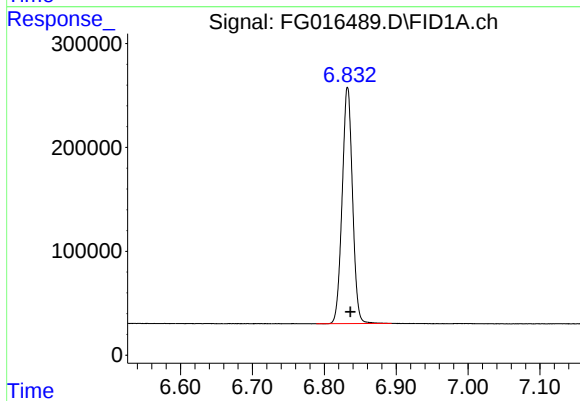
#2 n-Decane (C10)

R.T.: 4.651 min
Delta R.T.: -0.005 min
Response: 2250513
Conc: 19.55 ug/ml



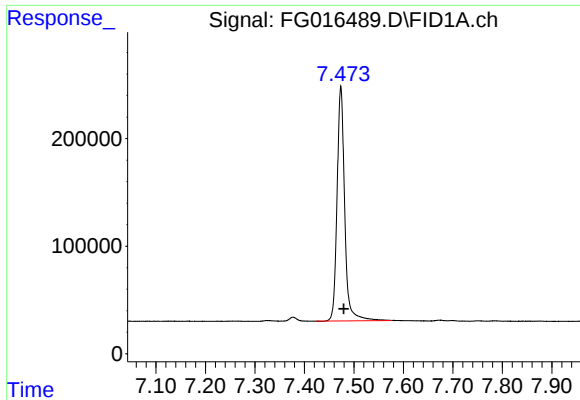
#3 A~Naphthalene (C11.7)

R.T.: 6.370 min
Delta R.T.: -0.006 min
Response: 2438182
Conc: 19.63 ug/ml



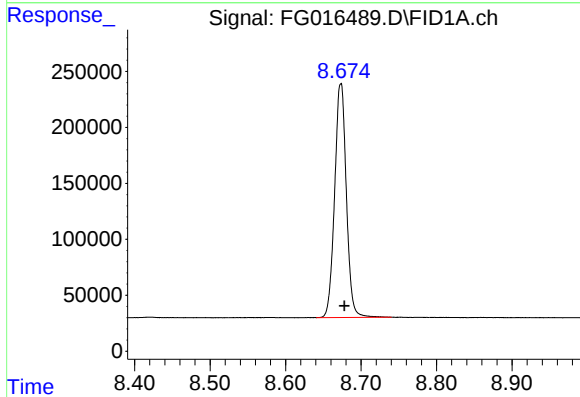
#4 n-Dodecane (C12)

R.T.: 6.832 min
Delta R.T.: -0.004 min
Response: 2272794
Conc: 19.59 ug/ml



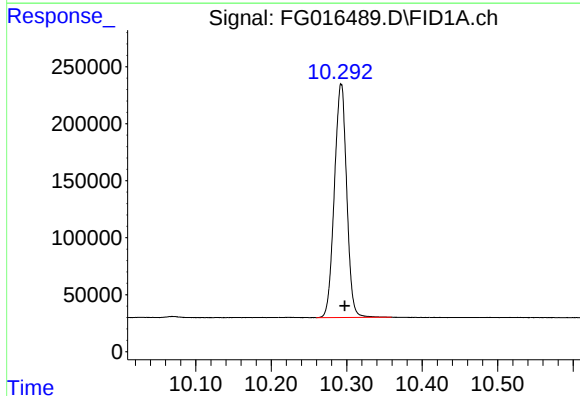
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.474 min
Delta R.T.: -0.006 min
Response: 2335882
Conc: 19.58 ug/ml



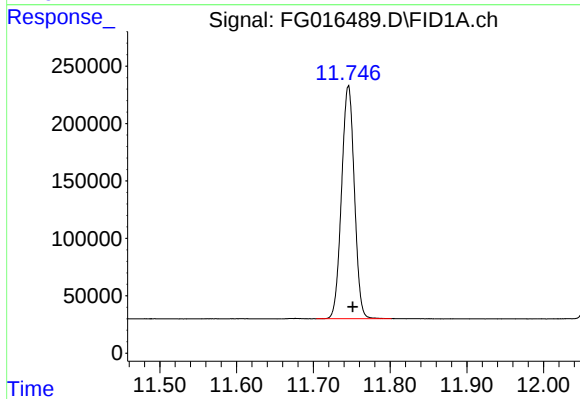
#6 n-Tetradecane (C14)

R.T.: 8.673 min
Delta R.T.: -0.005 min
Response: 2249487
Conc: 19.50 ug/ml



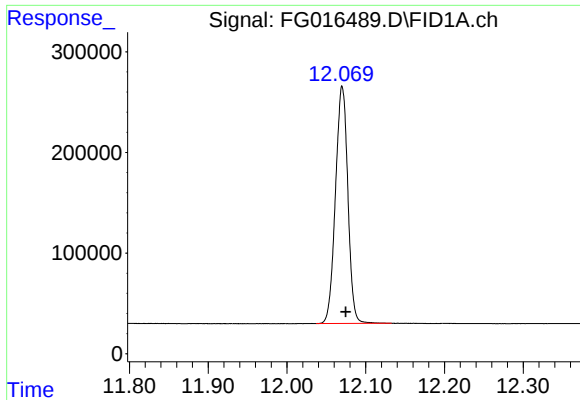
#7 n-Hexadecane (C16)

R.T.: 10.293 min
Delta R.T.: -0.005 min
Response: 2326114
Conc: 19.49 ug/ml



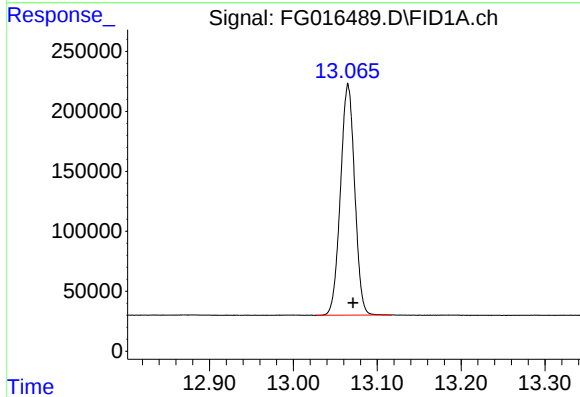
#8 n-Octadecane (C18)

R.T.: 11.746 min
Delta R.T.: -0.006 min
Response: 2350732
Conc: 19.46 ug/ml



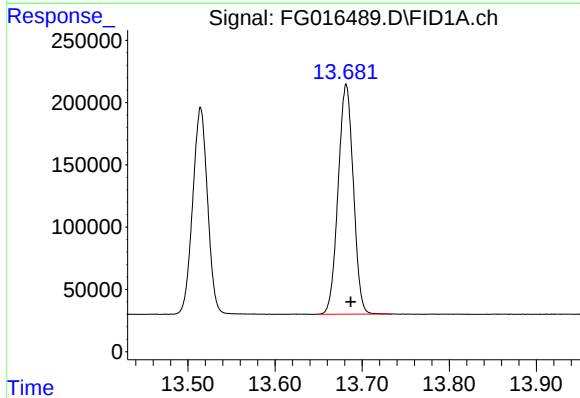
#9 ortho-Terphenyl (SURR)

R.T.: 12.070 min
Delta R.T.: -0.005 min
Response: 2577814
Conc: 19.47 ug/ml



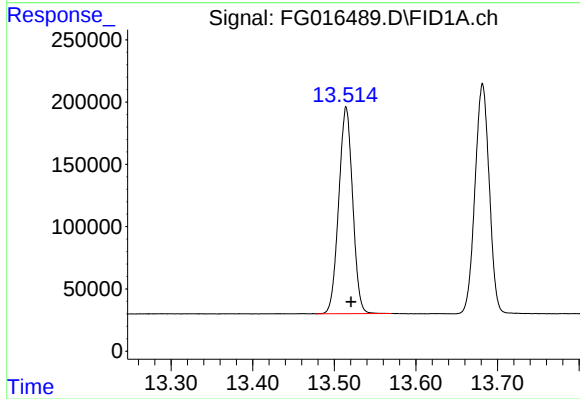
#10 n-Eicosane (C20)

R.T.: 13.065 min
Delta R.T.: -0.006 min
Response: 2273453
Conc: 19.49 ug/ml



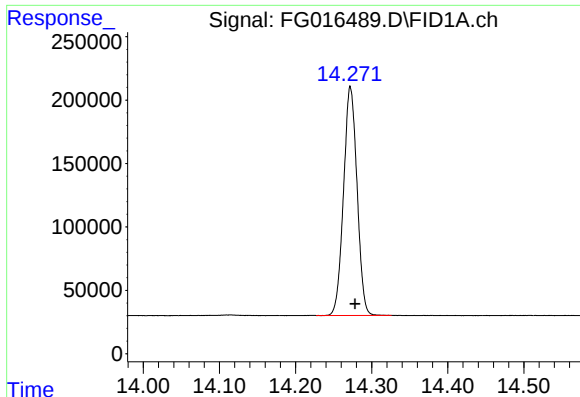
#11 n-Heneicosane (C21)

R.T.: 13.682 min
Delta R.T.: -0.005 min
Response: 2238014
Conc: 19.47 ug/ml



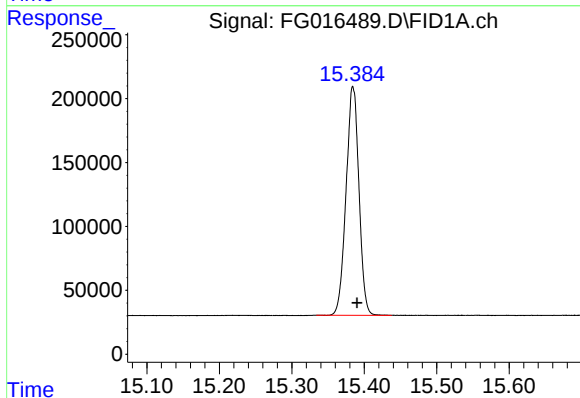
#12 1-chlorooctadecane (SURR)

R.T.: 13.515 min
Delta R.T.: -0.006 min
Response: 1964813
Conc: 19.52 ug/ml



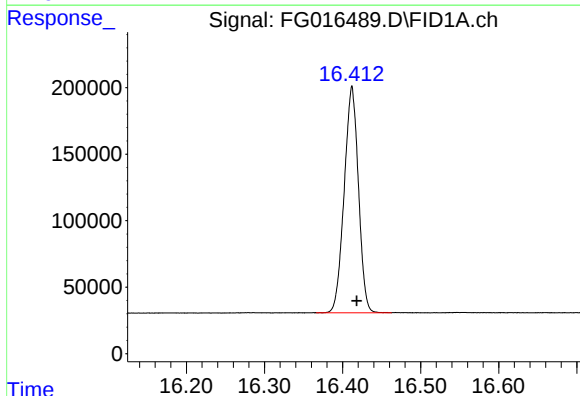
#13 n-Docosane (C22)

R.T.: 14.272 min
Delta R.T.: -0.006 min
Response: 2222756
Conc: 19.45 ug/ml



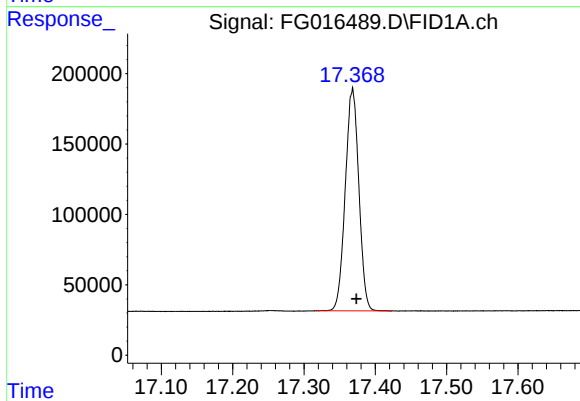
#14 n-Tetracosane (C24)

R.T.: 15.384 min
Delta R.T.: -0.005 min
Response: 2211645
Conc: 19.44 ug/ml



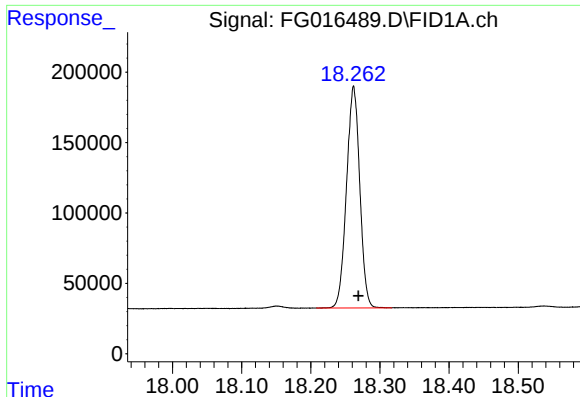
#15 n-Hexacosane (C26)

R.T.: 16.412 min
Delta R.T.: -0.006 min
Response: 2156181
Conc: 19.42 ug/ml



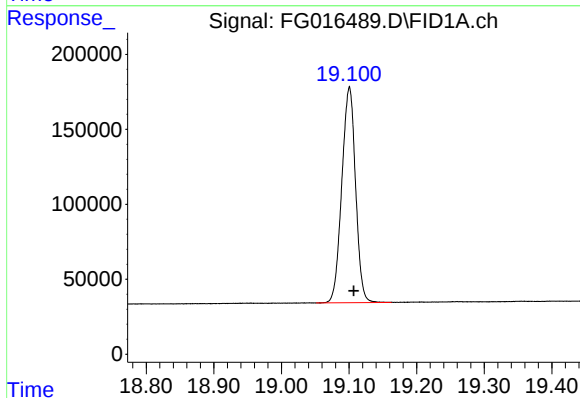
#16 n-Octacosane (C28)

R.T.: 17.368 min
Delta R.T.: -0.006 min
Response: 2089445
Conc: 19.33 ug/ml



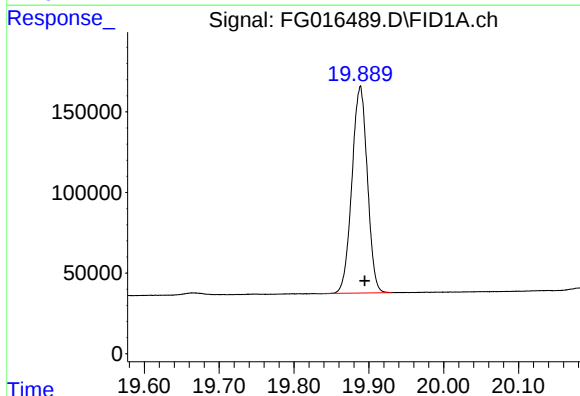
#17 n-Tricontane (C30)

R.T.: 18.262 min
Delta R.T.: -0.007 min
Response: 2097043
Conc: 19.20 ug/ml



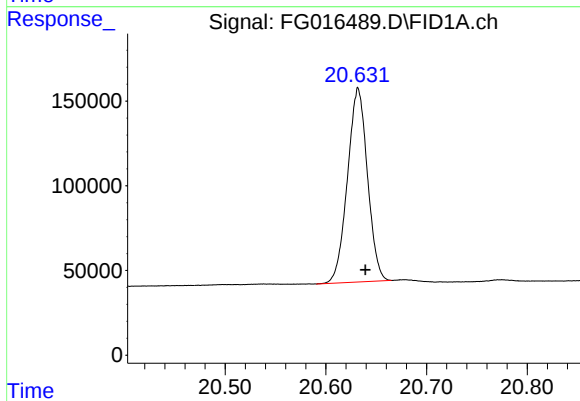
#18 n-Dotriacontane (C32)

R.T.: 19.101 min
Delta R.T.: -0.006 min
Response: 2029825
Conc: 19.31 ug/ml



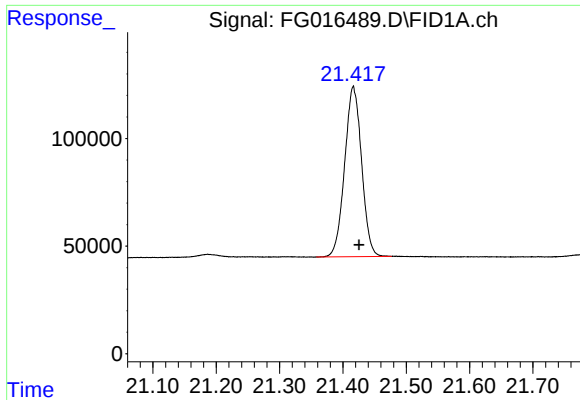
#19 n-Tetratriacontane (C34)

R.T.: 19.889 min
Delta R.T.: -0.006 min
Response: 1835672
Conc: 19.12 ug/ml



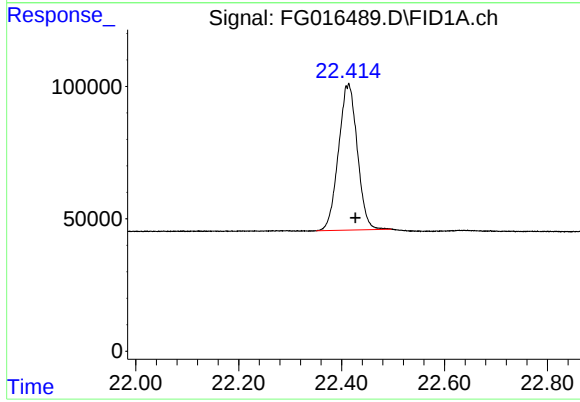
#20 n-Hexatriacontane (C36)

R.T.: 20.632 min
Delta R.T.: -0.007 min
Response: 1579348
Conc: 18.89 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.416 min
Delta R.T.: -0.009 min
Response: 1468177
Conc: 19.07 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.414 min
Delta R.T.: -0.012 min
Response: 1397321
Conc: 18.81 ug/ml