

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG090225AL\
 Data File : FG016497.D
 Signal(s) : FID1A.ch
 Acq On : 02 Sep 2025 11:05
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 03 05:09:25 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)	12.069	3013870	22.765 ug/ml
Spiked Amount 50.000		Recovery =	45.53%
12) S 1-chlorooctadecane (S...	13.512	2186038	21.717 ug/ml
Spiked Amount 50.000		Recovery =	43.43%
Target Compounds			
1) T n-Nonane (C9)	3.389	2529224	22.357 ug/ml
2) T n-Decane (C10)	4.650	2609197	22.667 ug/ml
3) T A~Naphthalene (C11.7)	6.369	2815819	22.676 ug/ml
4) T n-Dodecane (C12)	6.831	2637515	22.736 ug/ml
5) T A~2-methylnaphthalene...	7.472	2692649	22.573 ug/ml
6) T n-Tetradecane (C14)	8.672	2612303	22.640 ug/ml
7) T n-Hexadecane (C16)	10.290	2697376	22.598 ug/ml
8) T n-Octadecane (C18)	11.745	2733591	22.624 ug/ml
10) T n-Eicosane (C20)	13.064	2633579	22.576 ug/ml
11) T n-Heneicosane (C21)	13.680	2592762	22.557 ug/ml
13) T n-Docosane (C22)	14.271	2569622	22.490 ug/ml
14) T n-Tetracosane (C24)	15.382	2558915	22.496 ug/ml
15) T n-Hexacosane (C26)	16.409	2494735	22.467 ug/ml
16) T n-Octacosane (C28)	17.365	2404369	22.241 ug/ml
17) T n-Tricontane (C30)	18.260	2396345	21.940 ug/ml
18) T n-Dotriacontane (C32)	19.097	2267253	21.565 ug/ml
19) T n-Tetratriacontane (C34)	19.885	2016804	21.002 ug/ml
20) T n-Hexatriacontane (C36)	20.630	1666084	19.923 ug/ml
21) T n-Octatriacontane (C38)	21.414	1394373	18.109 ug/ml
22) T n-Tetracontane (C40)	22.406	1144062	15.399 ug/mlm

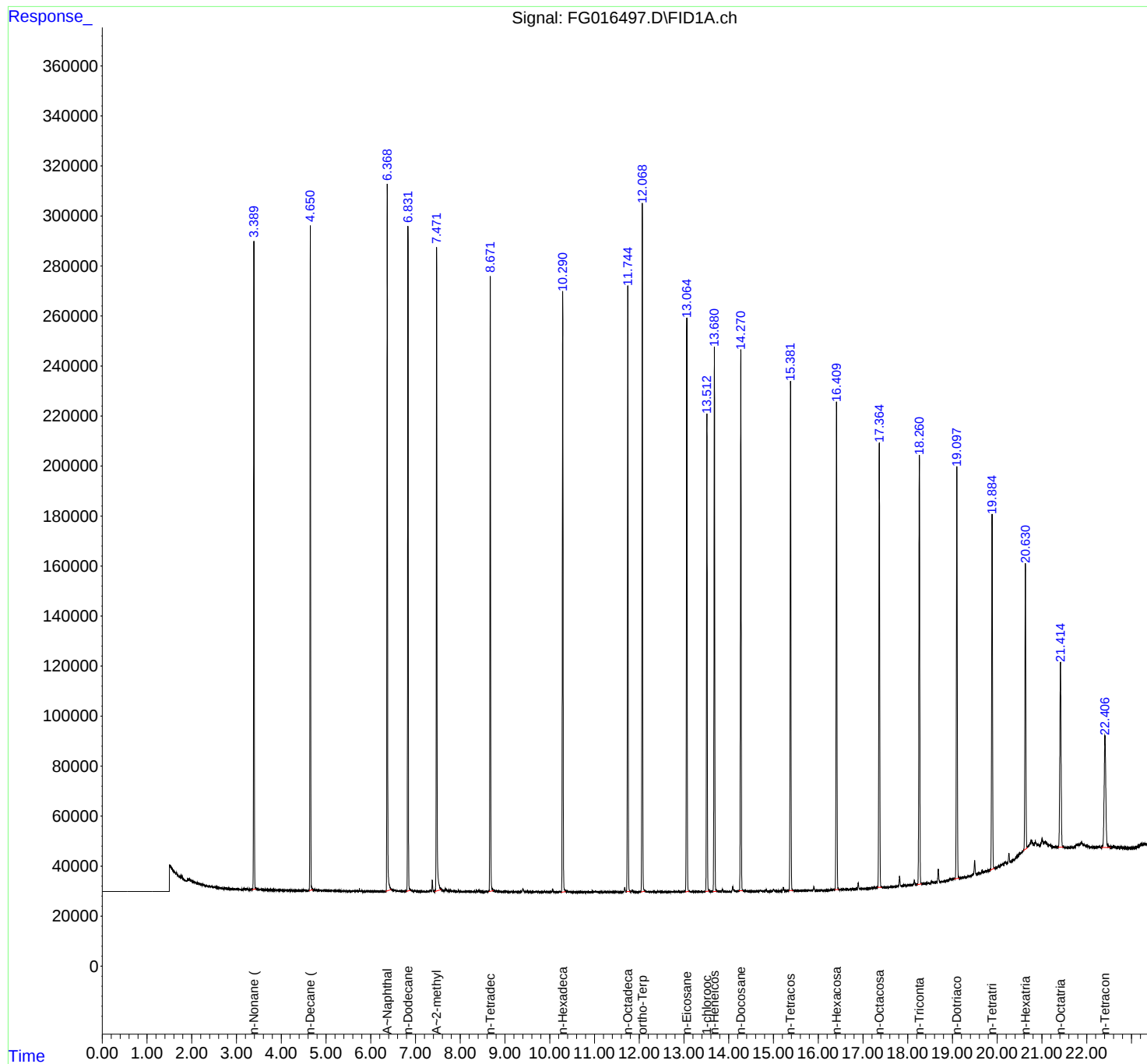
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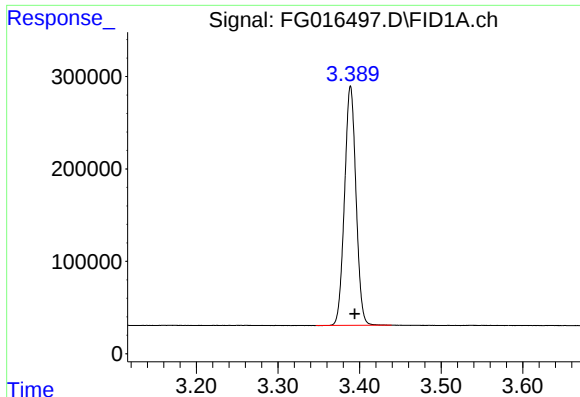
(m)=manual int.

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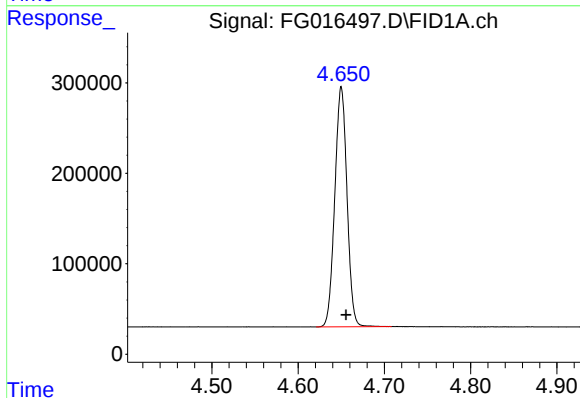
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Signal Info : 20M x 0.18mm x 0.18um





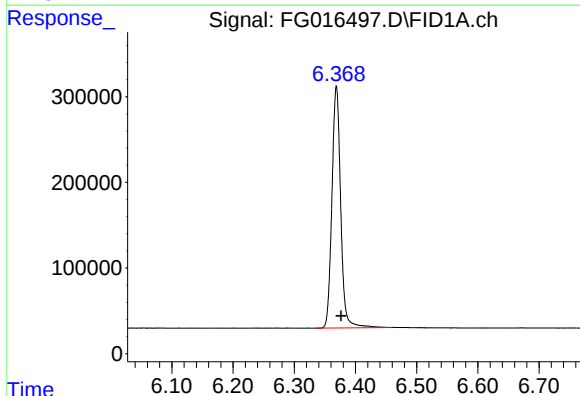
#1 n-Nonane (C9)

R.T.: 3.389 min
Delta R.T.: -0.005 min
Response: 2529224
Conc: 22.36 ug/ml



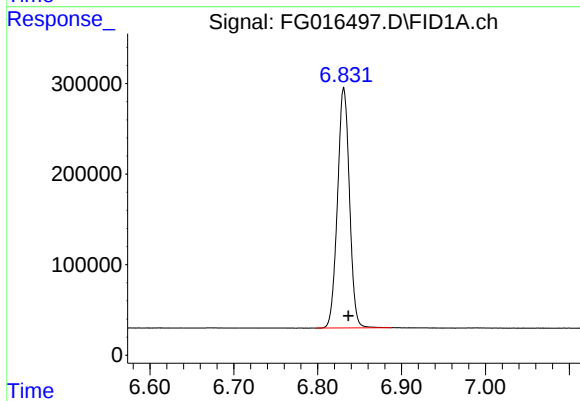
#2 n-Decane (C10)

R.T.: 4.650 min
Delta R.T.: -0.006 min
Response: 2609197
Conc: 22.67 ug/ml



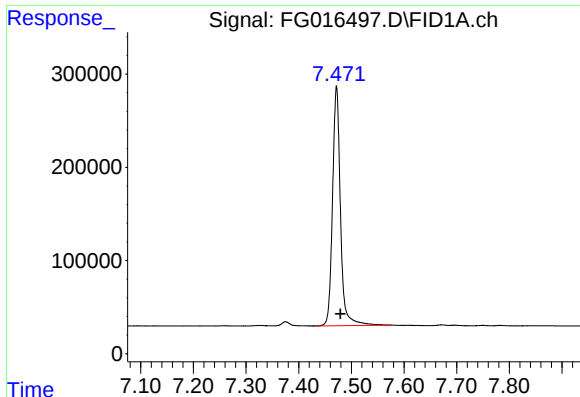
#3 A~Naphthalene (C11.7)

R.T.: 6.369 min
Delta R.T.: -0.007 min
Response: 2815819
Conc: 22.68 ug/ml



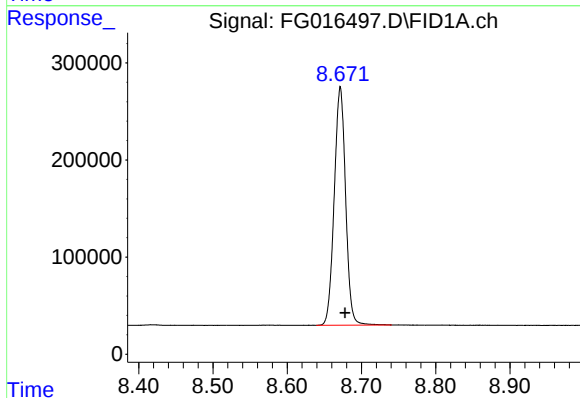
#4 n-Dodecane (C12)

R.T.: 6.831 min
Delta R.T.: -0.005 min
Response: 2637515
Conc: 22.74 ug/ml



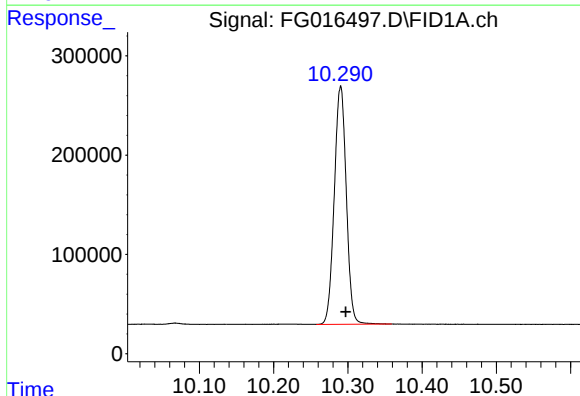
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.472 min
Delta R.T.: -0.007 min
Response: 2692649
Conc: 22.57 ug/ml



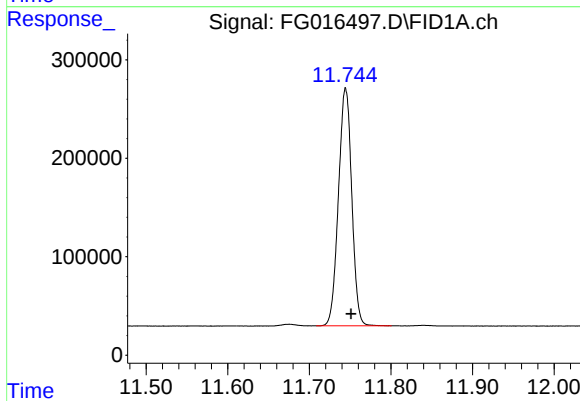
#6 n-Tetradecane (C14)

R.T.: 8.672 min
Delta R.T.: -0.006 min
Response: 2612303
Conc: 22.64 ug/ml



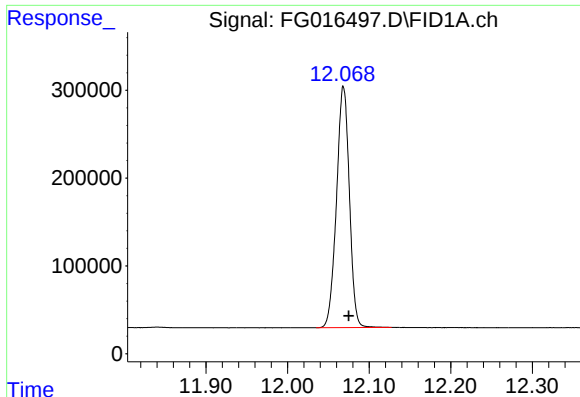
#7 n-Hexadecane (C16)

R.T.: 10.290 min
Delta R.T.: -0.007 min
Response: 2697376
Conc: 22.60 ug/ml



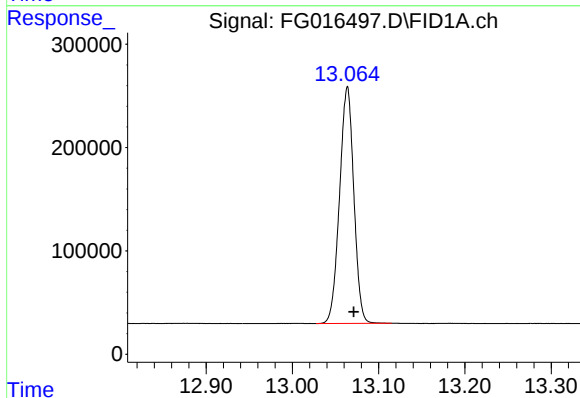
#8 n-Octadecane (C18)

R.T.: 11.745 min
Delta R.T.: -0.007 min
Response: 2733591
Conc: 22.62 ug/ml



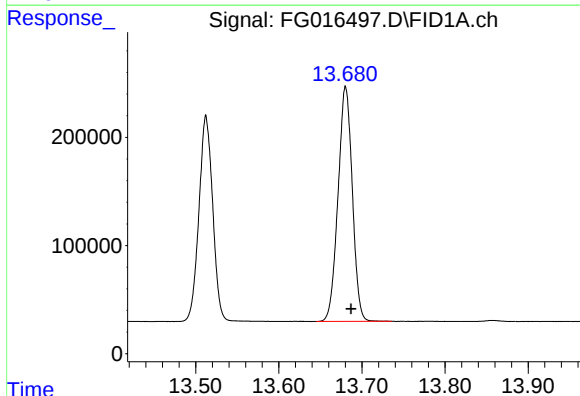
#9 ortho-Terphenyl (SURR)

R.T.: 12.069 min
Delta R.T.: -0.006 min
Response: 3013870
Conc: 22.77 ug/ml



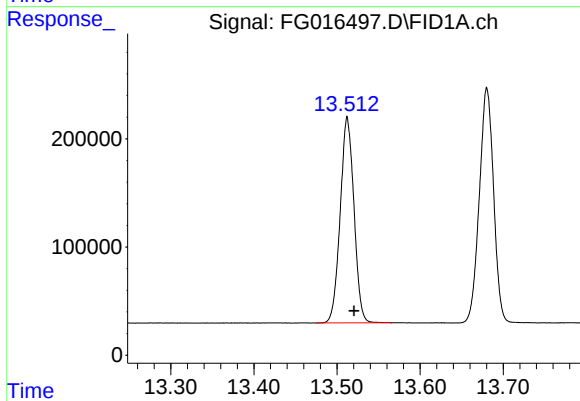
#10 n-Eicosane (C20)

R.T.: 13.064 min
Delta R.T.: -0.007 min
Response: 2633579
Conc: 22.58 ug/ml



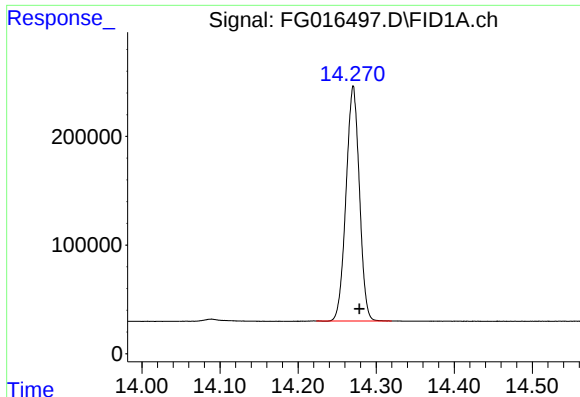
#11 n-Heneicosane (C21)

R.T.: 13.680 min
Delta R.T.: -0.007 min
Response: 2592762
Conc: 22.56 ug/ml



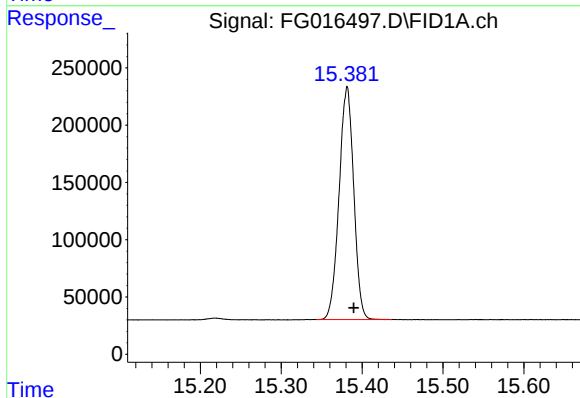
#12 1-chlorooctadecane (SURR)

R.T.: 13.512 min
Delta R.T.: -0.008 min
Response: 2186038
Conc: 21.72 ug/ml



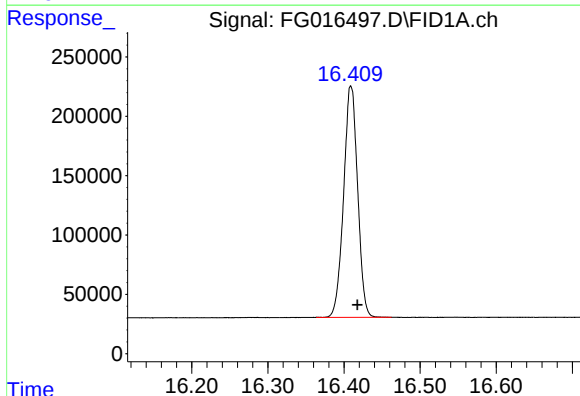
#13 n-Docosane (C22)

R.T.: 14.271 min
Delta R.T.: -0.008 min
Response: 2569622
Conc: 22.49 ug/ml



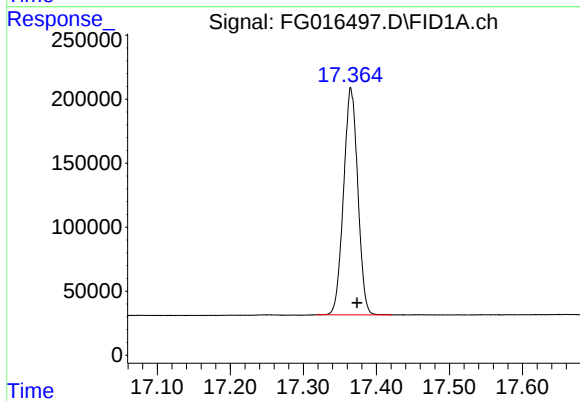
#14 n-Tetracosane (C24)

R.T.: 15.382 min
Delta R.T.: -0.008 min
Response: 2558915
Conc: 22.50 ug/ml



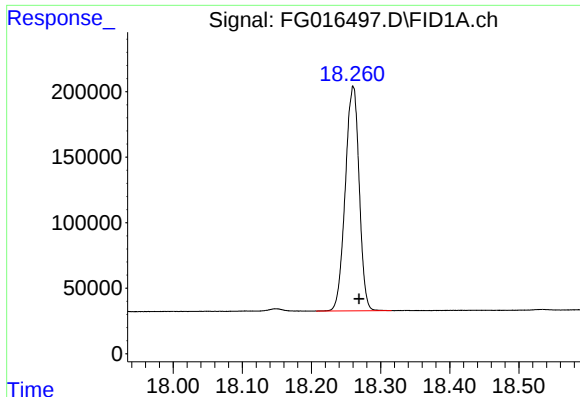
#15 n-Hexacosane (C26)

R.T.: 16.409 min
Delta R.T.: -0.009 min
Response: 2494735
Conc: 22.47 ug/ml



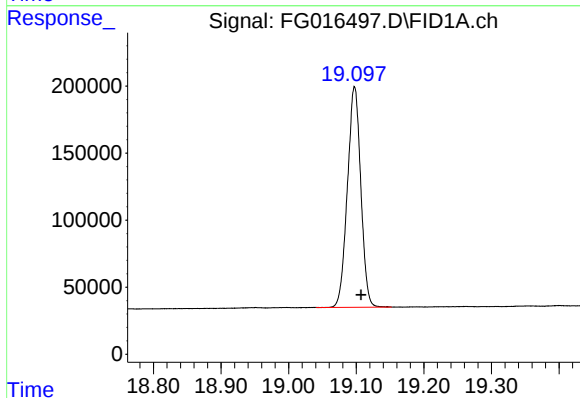
#16 n-Octacosane (C28)

R.T.: 17.365 min
Delta R.T.: -0.009 min
Response: 2404369
Conc: 22.24 ug/ml



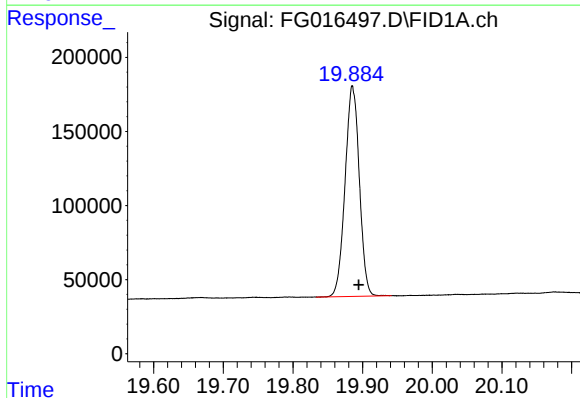
#17 n-Tricontane (C30)

R.T.: 18.260 min
Delta R.T.: -0.008 min
Response: 2396345
Conc: 21.94 ug/ml



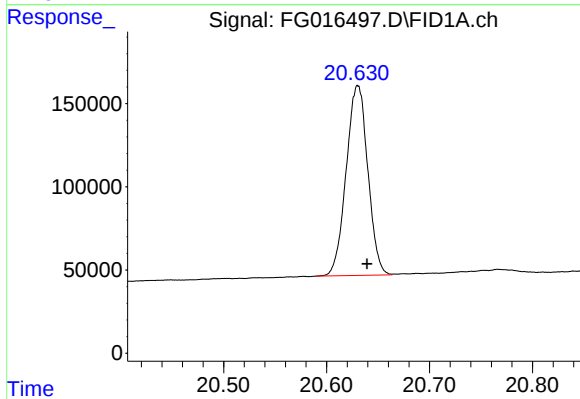
#18 n-Dotriacontane (C32)

R.T.: 19.097 min
Delta R.T.: -0.009 min
Response: 2267253
Conc: 21.56 ug/ml



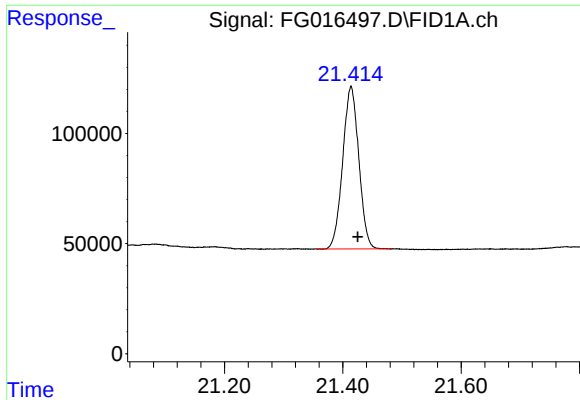
#19 n-Tetratriacontane (C34)

R.T.: 19.885 min
Delta R.T.: -0.009 min
Response: 2016804
Conc: 21.00 ug/ml



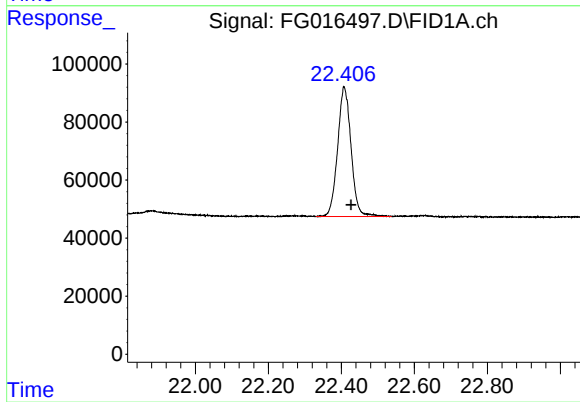
#20 n-Hexatriacontane (C36)

R.T.: 20.630 min
Delta R.T.: -0.009 min
Response: 1666084
Conc: 19.92 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.414 min
Delta R.T.: -0.012 min
Response: 1394373
Conc: 18.11 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.406 min
Delta R.T.: -0.020 min
Response: 1144062
Conc: 15.40 ug/ml m