

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG021424AL\
 Data File : FG013523.D
 Signal(s) : FID1A.ch
 Acq On : 14 Feb 2024 14:39
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 15 00:51:50 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 021224.M
 Quant Title : GC Extractables
 QLast Update : Mon Feb 12 22:40:01 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)	11.965	3013745	20.950 ug/ml
Spiked Amount 50.000		Recovery =	41.90%
12) S 1-chlorooctadecane (S...	13.406	2309071	21.165 ug/ml
Spiked Amount 50.000		Recovery =	42.33%
Target Compounds			
1) T n-Nonane (C9)	3.328	2698842	20.873 ug/ml
2) T n-Decane (C10)	4.582	2770175	20.950 ug/ml
3) T A~Naphthalene (C11.7)	6.287	3028943	20.909 ug/ml
4) T n-Dodecane (C12)	6.751	2812731	20.998 ug/ml
5) T A~2-methylnaphthalene...	7.385	2941601	20.965 ug/ml
6) T n-Tetradecane (C14)	8.584	2798636	21.017 ug/ml
7) T n-Hexadecane (C16)	10.197	2890345	21.033 ug/ml
8) T n-Octadecane (C18)	11.645	2918102	21.082 ug/ml
10) T n-Eicosane (C20)	12.961	2778277	21.014 ug/ml
11) T n-Heneicosane (C21)	13.574	2715840	20.958 ug/ml
13) T n-Docosane (C22)	14.163	2698427	21.026 ug/ml
14) T n-Tetracosane (C24)	15.271	2670827	21.200 ug/ml
15) T n-Hexacosane (C26)	16.295	2591315	21.231 ug/ml
16) T n-Octacosane (C28)	17.249	2512332	21.373 ug/ml
17) T n-Tricontane (C30)	18.140	2520998	21.487 ug/ml
18) T n-Dotriacontane (C32)	18.975	2441057	21.569 ug/ml
19) T n-Tetratriacontane (C34)	19.761	2324657	21.395 ug/ml
20) T n-Hexatriacontane (C36)	20.503	2221412	21.365 ug/ml
21) T n-Octatriacontane (C38)	21.258	2216036	21.424 ug/ml
22) T n-Tetracontane (C40)	22.199	2215893	21.696 ug/ml

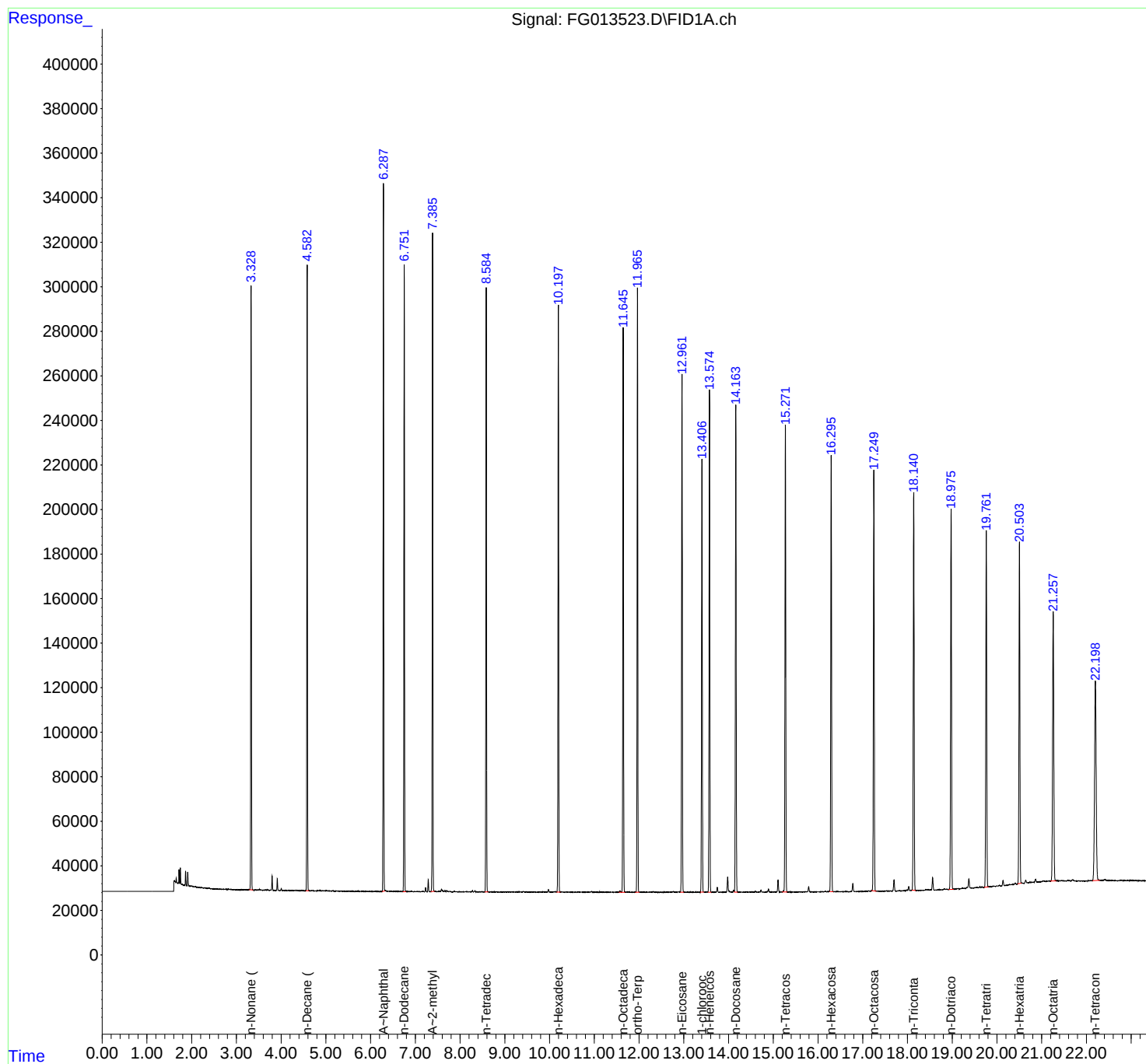
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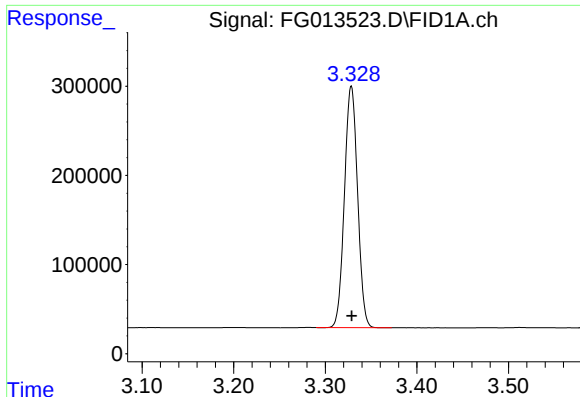
(m)=manual int.

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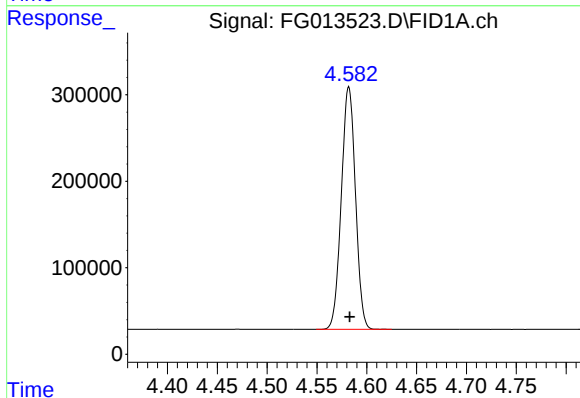
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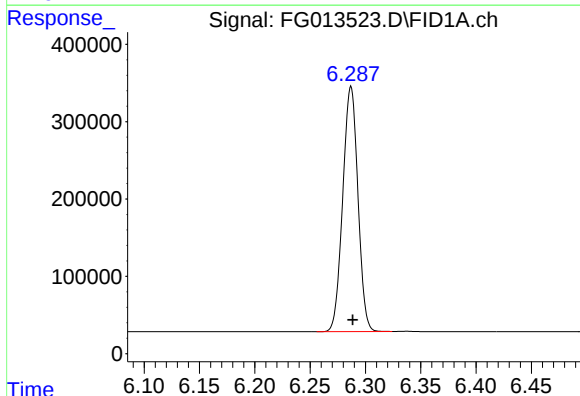
#1 n-Nonane (C9)

R.T.: 3.328 min
Delta R.T.: 0.000 min
Response: 2698842
Conc: 20.87 ug/ml



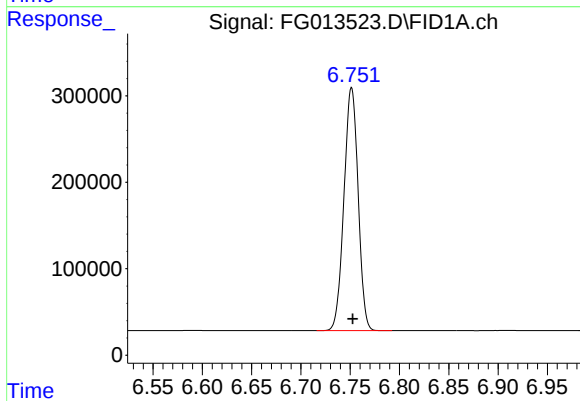
#2 n-Decane (C10)

R.T.: 4.582 min
Delta R.T.: 0.000 min
Response: 2770175
Conc: 20.95 ug/ml



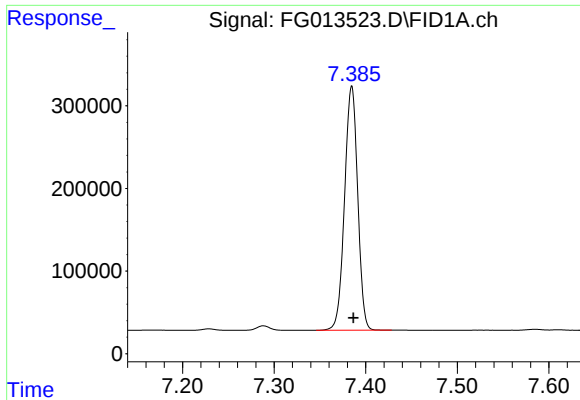
#3 A~Naphthalene (C11.7)

R.T.: 6.287 min
Delta R.T.: -0.001 min
Response: 3028943
Conc: 20.91 ug/ml



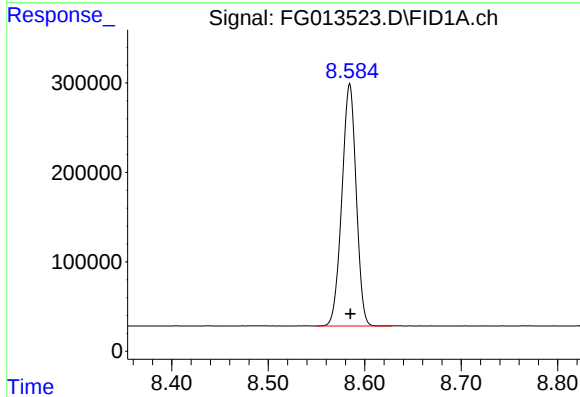
#4 n-Dodecane (C12)

R.T.: 6.751 min
Delta R.T.: -0.001 min
Response: 2812731
Conc: 21.00 ug/ml



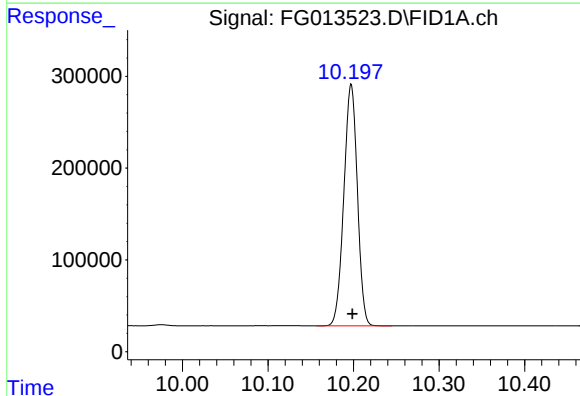
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.385 min
Delta R.T.: -0.002 min
Response: 2941601
Conc: 20.96 ug/ml



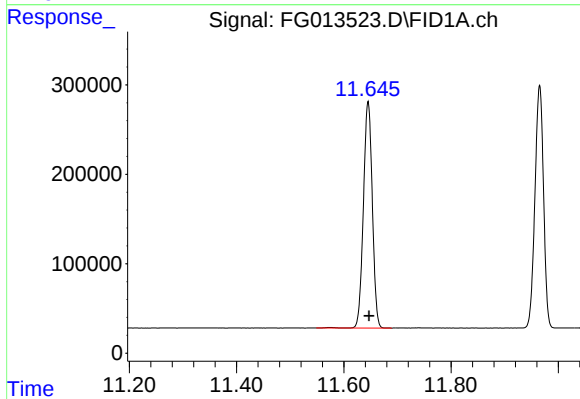
#6 n-Tetradecane (C14)

R.T.: 8.584 min
Delta R.T.: 0.000 min
Response: 2798636
Conc: 21.02 ug/ml



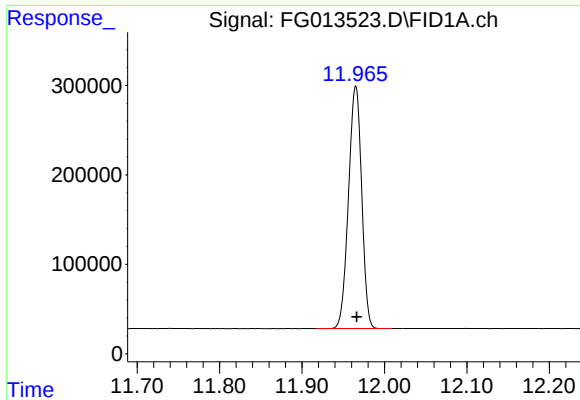
#7 n-Hexadecane (C16)

R.T.: 10.197 min
Delta R.T.: -0.001 min
Response: 2890345
Conc: 21.03 ug/ml



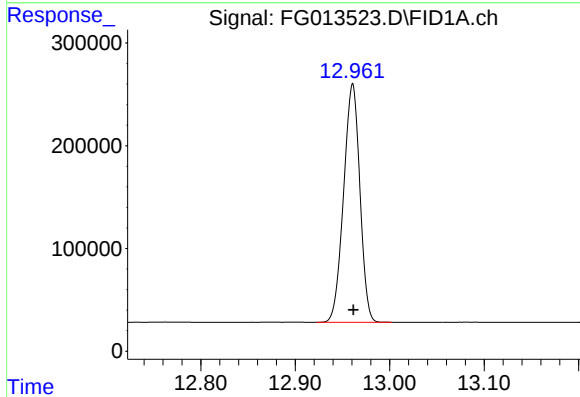
#8 n-Octadecane (C18)

R.T.: 11.645 min
Delta R.T.: -0.002 min
Response: 2918102
Conc: 21.08 ug/ml



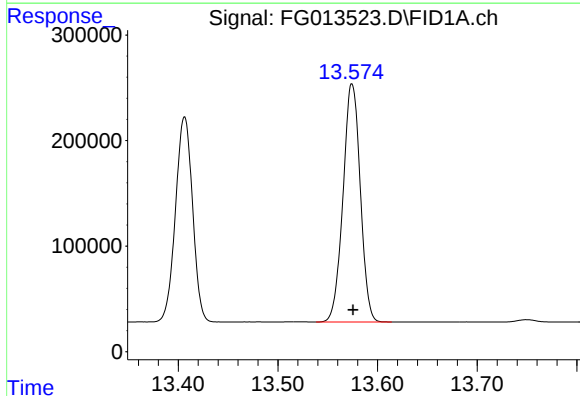
#9 ortho-Terphenyl (SURR)

R.T.: 11.965 min
Delta R.T.: -0.001 min
Response: 3013745
Conc: 20.95 ug/ml



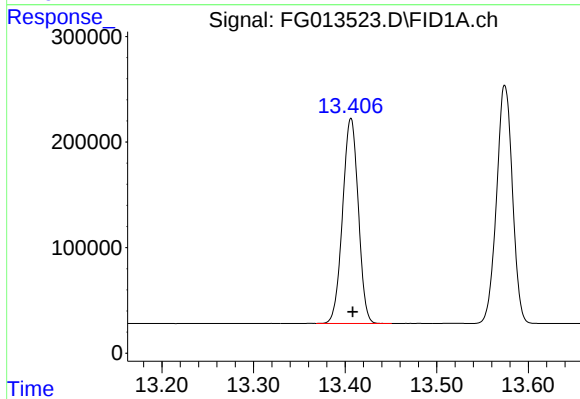
#10 n-Eicosane (C20)

R.T.: 12.961 min
Delta R.T.: 0.000 min
Response: 2778277
Conc: 21.01 ug/ml



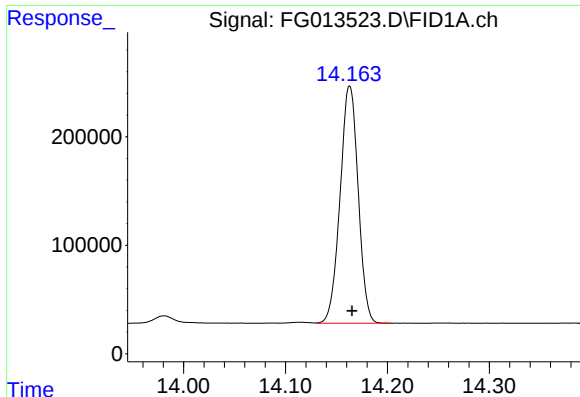
#11 n-Heneicosane (C21)

R.T.: 13.574 min
Delta R.T.: -0.001 min
Response: 2715840
Conc: 20.96 ug/ml



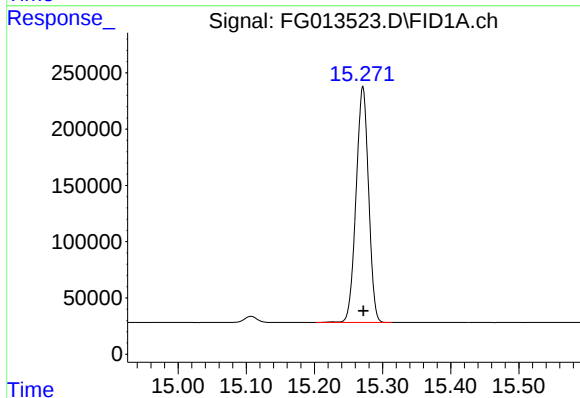
#12 1-chlorooctadecane (SURR)

R.T.: 13.406 min
Delta R.T.: -0.002 min
Response: 2309071
Conc: 21.16 ug/ml



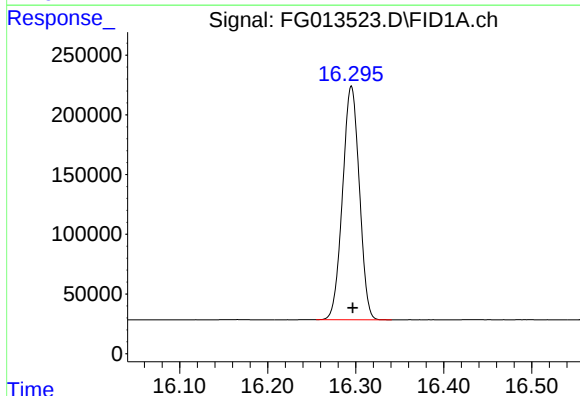
#13 n-Docosane (C22)

R.T.: 14.163 min
Delta R.T.: -0.002 min
Response: 2698427
Conc: 21.03 ug/ml



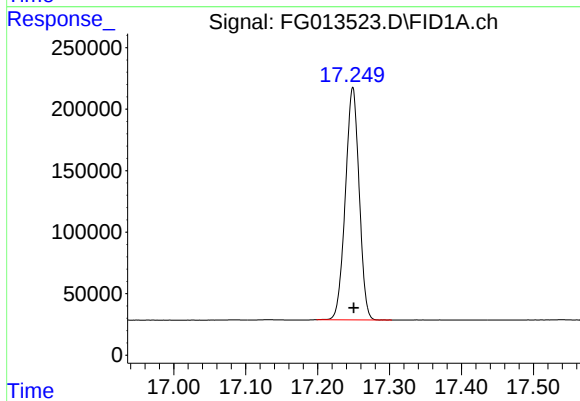
#14 n-Tetracosane (C24)

R.T.: 15.271 min
Delta R.T.: 0.000 min
Response: 2670827
Conc: 21.20 ug/ml



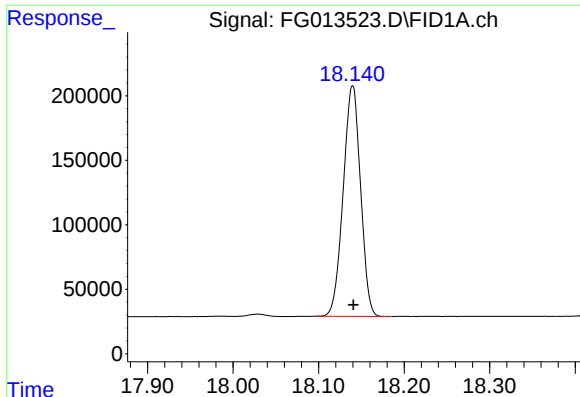
#15 n-Hexacosane (C26)

R.T.: 16.295 min
Delta R.T.: -0.001 min
Response: 2591315
Conc: 21.23 ug/ml



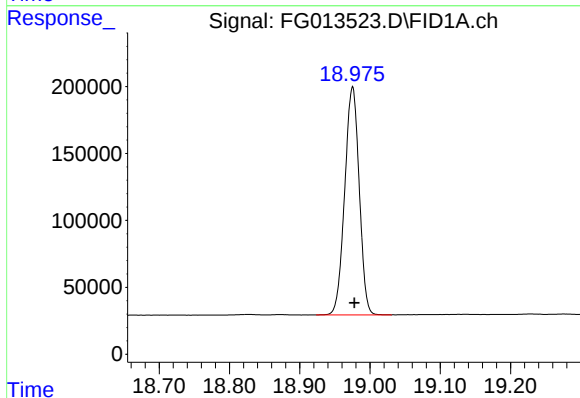
#16 n-Octacosane (C28)

R.T.: 17.249 min
Delta R.T.: -0.001 min
Response: 2512332
Conc: 21.37 ug/ml



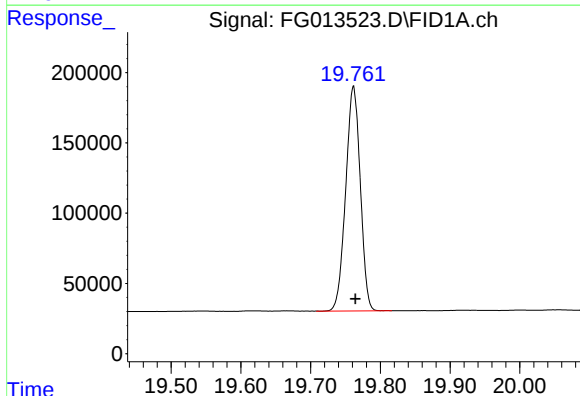
#17 n-Tricontane (C30)

R.T.: 18.140 min
Delta R.T.: 0.000 min
Response: 2520998
Conc: 21.49 ug/ml



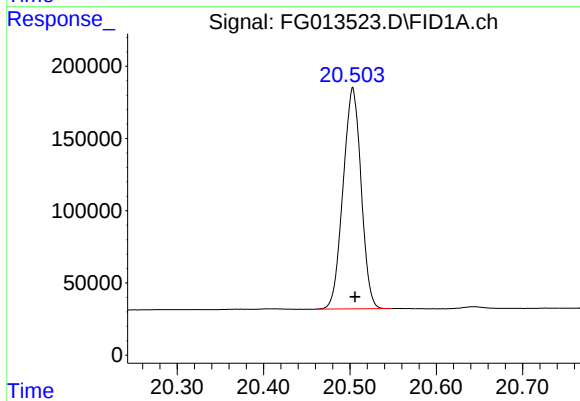
#18 n-Dotriacontane (C32)

R.T.: 18.975 min
Delta R.T.: -0.002 min
Response: 2441057
Conc: 21.57 ug/ml



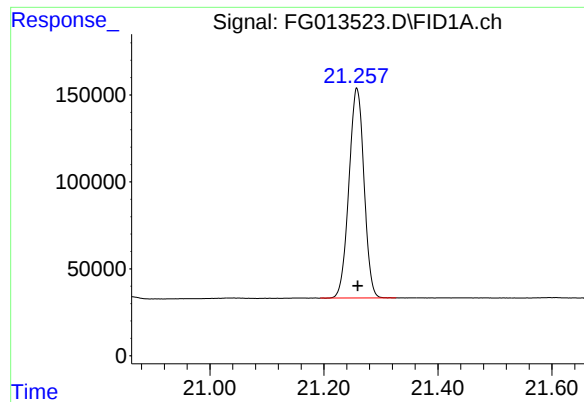
#19 n-Tetratriacontane (C34)

R.T.: 19.761 min
Delta R.T.: -0.003 min
Response: 2324657
Conc: 21.40 ug/ml



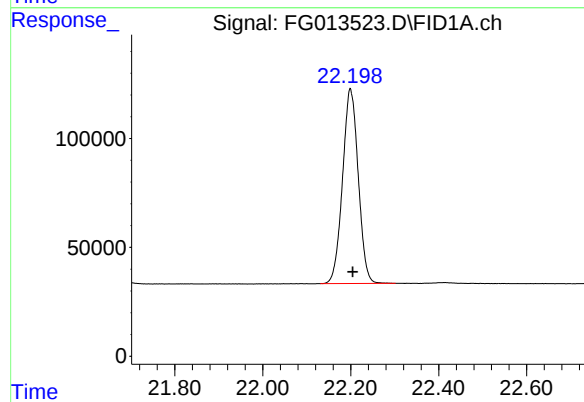
#20 n-Hexatriacontane (C36)

R.T.: 20.503 min
Delta R.T.: -0.003 min
Response: 2221412
Conc: 21.37 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.258 min
Delta R.T.: -0.002 min
Response: 2216036
Conc: 21.42 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.199 min
Delta R.T.: -0.006 min
Response: 2215893
Conc: 21.70 ug/ml