

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG091025AL\
 Data File : FG016585.D
 Signal(s) : FID1A.ch
 Acq On : 10 Sep 2025 09:56
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 11 04:49:43 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)	12.065	2493602	18.836 ug/ml
Spiked Amount 50.000		Recovery =	37.67%
12) S 1-chlorooctadecane (S...	13.510	1863483	18.513 ug/ml
Spiked Amount 50.000		Recovery =	37.03%
Target Compounds			
1) T n-Nonane (C9)	3.383	2102507	18.585 ug/ml
2) T n-Decane (C10)	4.646	2175153	18.896 ug/ml
3) T A~Naphthalene (C11.7)	6.366	2305782	18.569 ug/ml
4) T n-Dodecane (C12)	6.827	2182348	18.812 ug/ml
5) T A~2-methylnaphthalene...	7.469	2164200	18.143 ug/ml
6) T n-Tetradecane (C14)	8.668	2167165	18.783 ug/ml
7) T n-Hexadecane (C16)	10.287	2243269	18.793 ug/ml
8) T n-Octadecane (C18)	11.741	2291433	18.965 ug/ml
10) T n-Eicosane (C20)	13.061	2234487	19.155 ug/ml
11) T n-Heneicosane (C21)	13.678	2176384	18.935 ug/ml
13) T n-Docosane (C22)	14.268	2286275	20.010 ug/ml
14) T n-Tetracosane (C24)	15.380	2522638	22.177 ug/ml
15) T n-Hexacosane (C26)	16.408	2588948	23.316 ug/ml
16) T n-Octacosane (C28)	17.364	2650029	24.513 ug/ml
17) T n-Tricontane (C30)	18.257	2739702	25.084 ug/ml
18) T n-Dotriacontane (C32)	19.096	2585020	24.587 ug/ml
19) T n-Tetratriacontane (C34)	19.886	2138447	22.268 ug/ml
20) T n-Hexatriacontane (C36)	20.628	1767053	21.131 ug/ml
21) T n-Octatriacontane (C38)	21.413	1534529	19.930 ug/ml
22) T n-Tetracontane (C40)	22.408	1402333	18.875 ug/ml

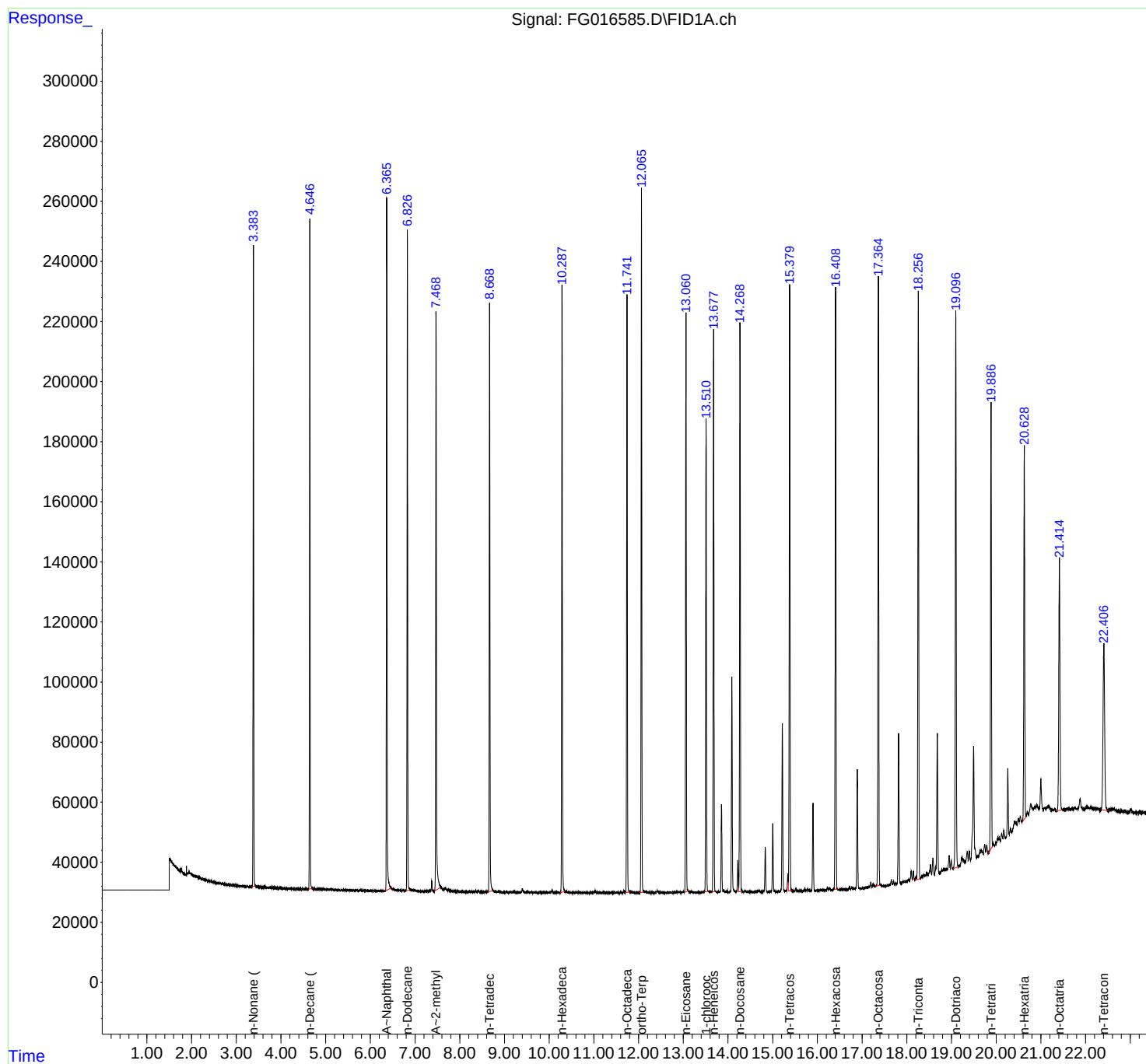
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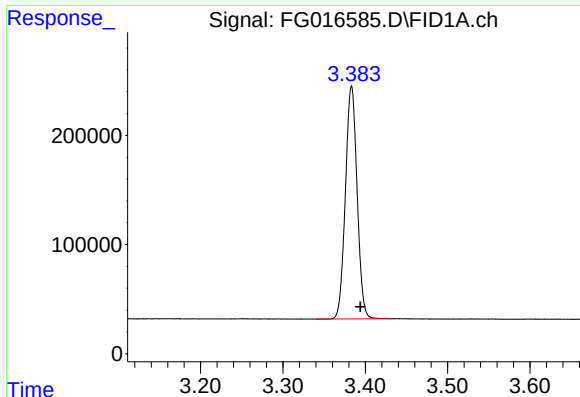
(m)=manual int.

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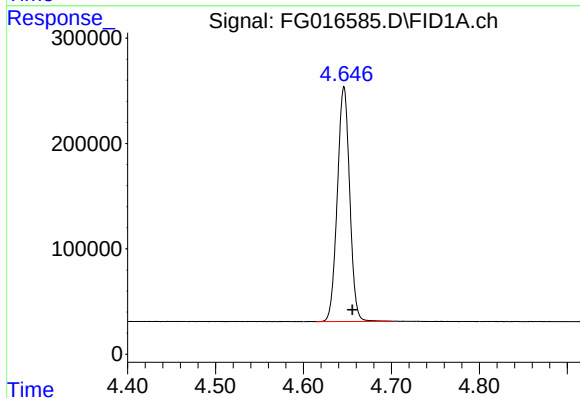
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Signal Info : 20M x 0.18mm x 0.18um





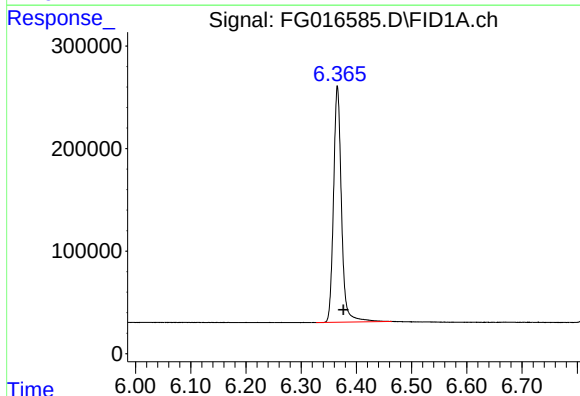
#1 n-Nonane (C9)

R.T.: 3.383 min
Delta R.T.: -0.011 min
Response: 2102507
Conc: 18.58 ug/ml



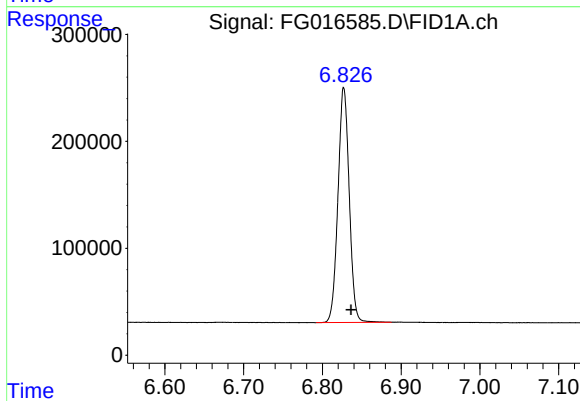
#2 n-Decane (C10)

R.T.: 4.646 min
Delta R.T.: -0.010 min
Response: 2175153
Conc: 18.90 ug/ml



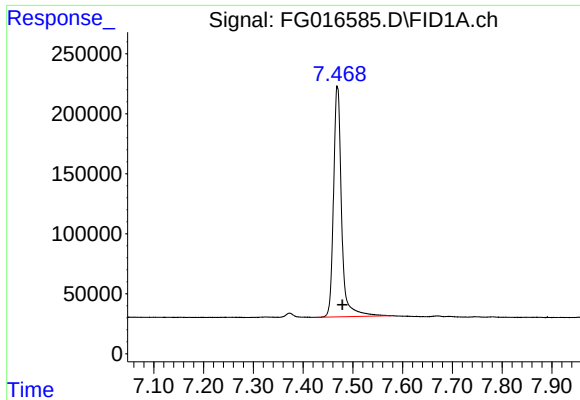
#3 A~Naphthalene (C11.7)

R.T.: 6.366 min
Delta R.T.: -0.011 min
Response: 2305782
Conc: 18.57 ug/ml



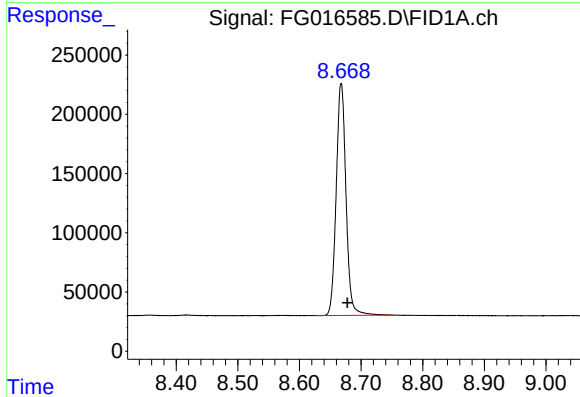
#4 n-Dodecane (C12)

R.T.: 6.827 min
Delta R.T.: -0.009 min
Response: 2182348
Conc: 18.81 ug/ml



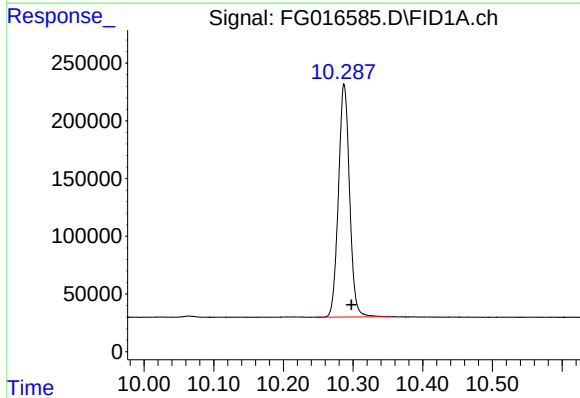
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.469 min
Delta R.T.: -0.010 min
Response: 2164200
Conc: 18.14 ug/ml



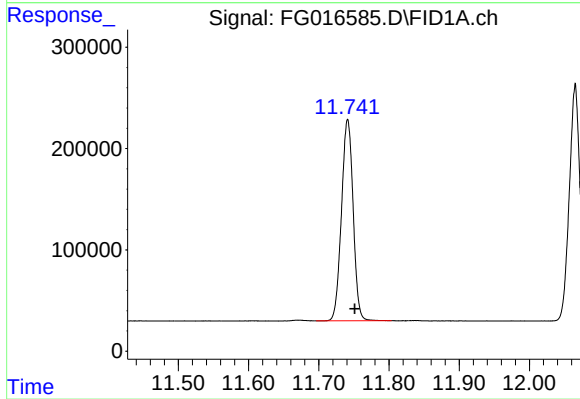
#6 n-Tetradecane (C14)

R.T.: 8.668 min
Delta R.T.: -0.010 min
Response: 2167165
Conc: 18.78 ug/ml



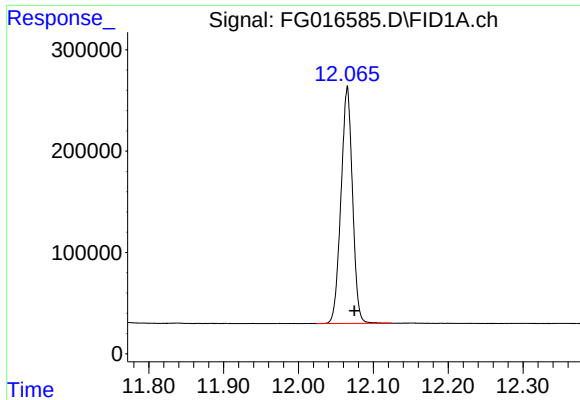
#7 n-Hexadecane (C16)

R.T.: 10.287 min
Delta R.T.: -0.010 min
Response: 2243269
Conc: 18.79 ug/ml



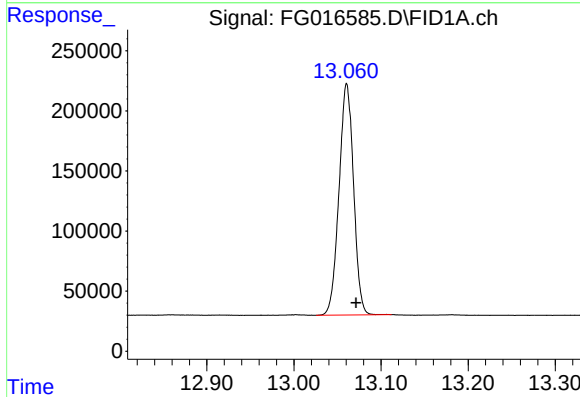
#8 n-Octadecane (C18)

R.T.: 11.741 min
Delta R.T.: -0.010 min
Response: 2291433
Conc: 18.96 ug/ml



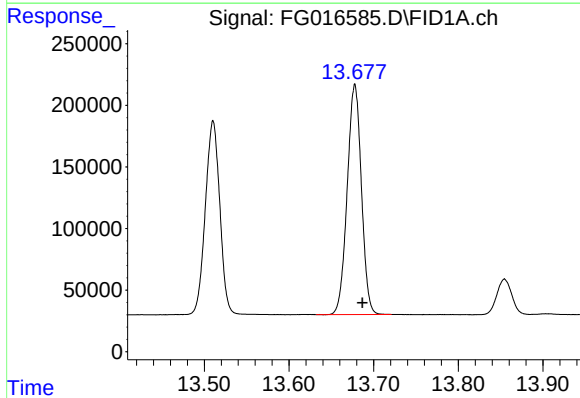
#9 ortho-Terphenyl (SURR)

R.T.: 12.065 min
Delta R.T.: -0.010 min
Response: 2493602
Conc: 18.84 ug/ml



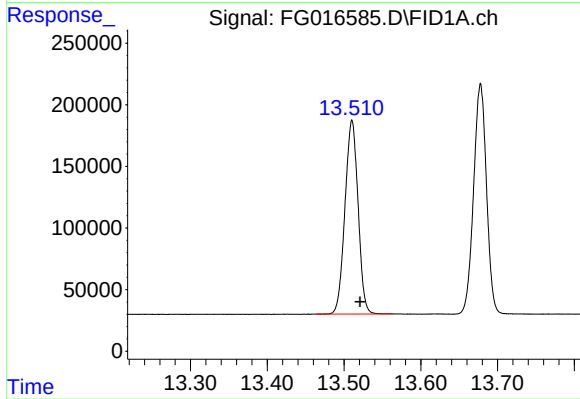
#10 n-Eicosane (C20)

R.T.: 13.061 min
Delta R.T.: -0.011 min
Response: 2234487
Conc: 19.15 ug/ml



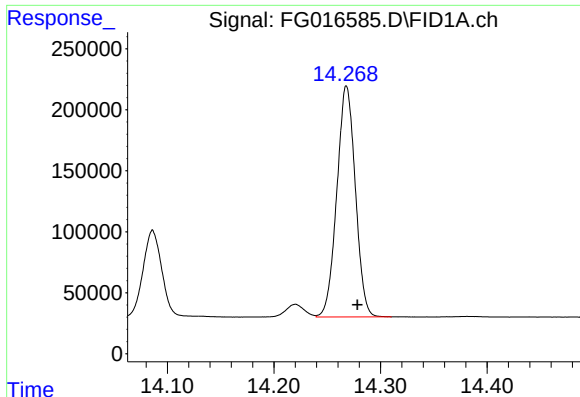
#11 n-Heneicosane (C21)

R.T.: 13.678 min
Delta R.T.: -0.009 min
Response: 2176384
Conc: 18.93 ug/ml



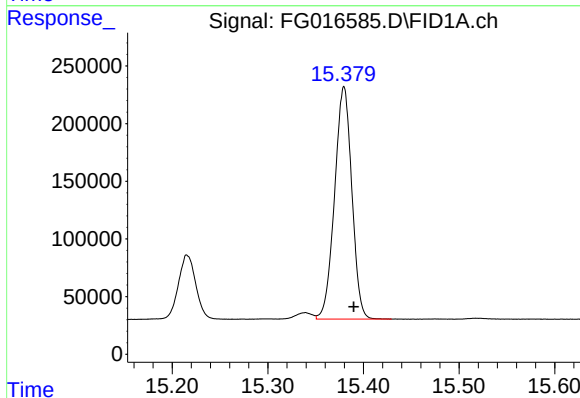
#12 1-chlorooctadecane (SURR)

R.T.: 13.510 min
Delta R.T.: -0.010 min
Response: 1863483
Conc: 18.51 ug/ml



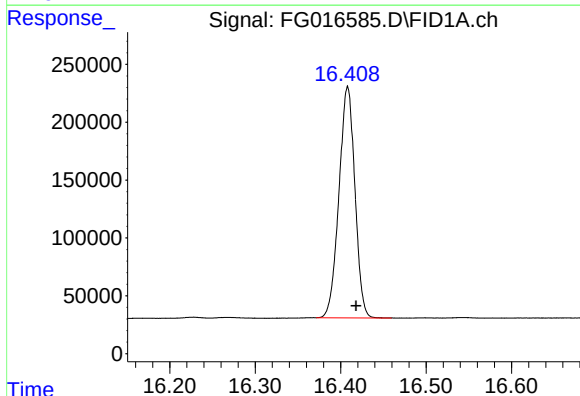
#13 n-Docosane (C22)

R.T.: 14.268 min
Delta R.T.: -0.010 min
Response: 2286275
Conc: 20.01 ug/ml



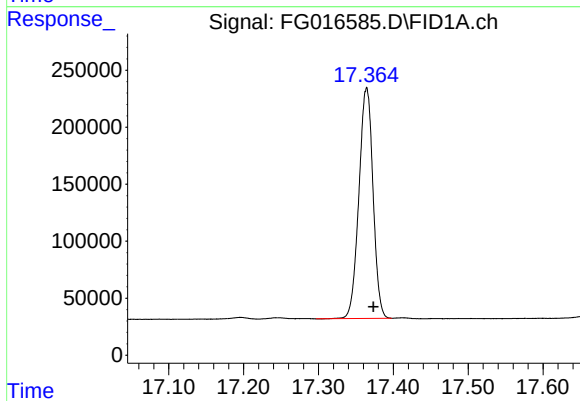
#14 n-Tetracosane (C24)

R.T.: 15.380 min
Delta R.T.: -0.010 min
Response: 2522638
Conc: 22.18 ug/ml



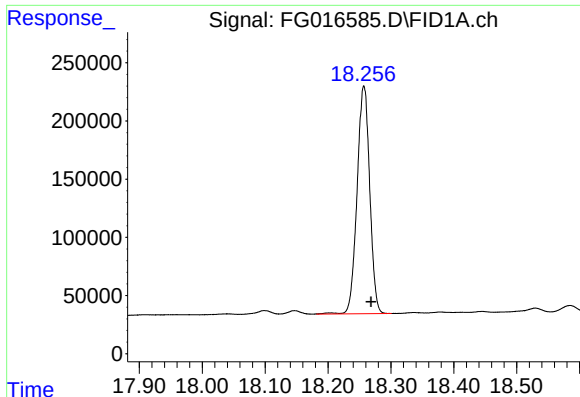
#15 n-Hexacosane (C26)

R.T.: 16.408 min
Delta R.T.: -0.010 min
Response: 2588948
Conc: 23.32 ug/ml



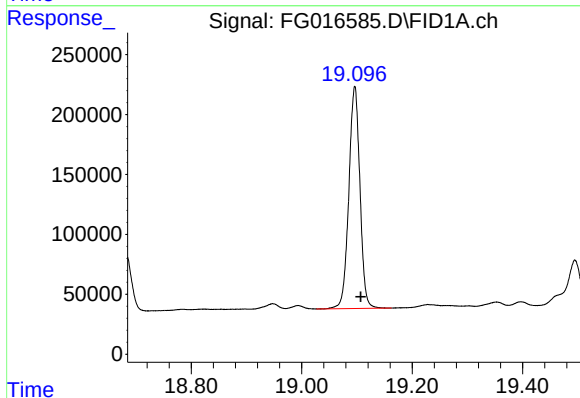
#16 n-Octacosane (C28)

R.T.: 17.364 min
Delta R.T.: -0.009 min
Response: 2650029
Conc: 24.51 ug/ml



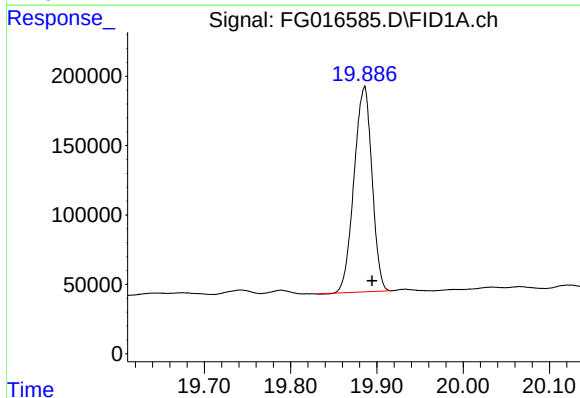
#17 n-Tricontane (C30)

R.T.: 18.257 min
Delta R.T.: -0.012 min
Response: 2739702
Conc: 25.08 ug/ml



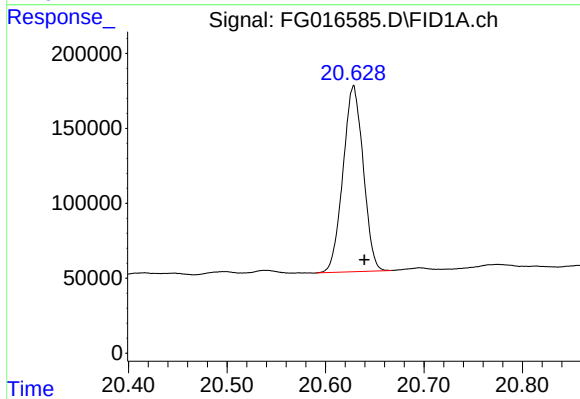
#18 n-Dotriacontane (C32)

R.T.: 19.096 min
Delta R.T.: -0.011 min
Response: 2585020
Conc: 24.59 ug/ml



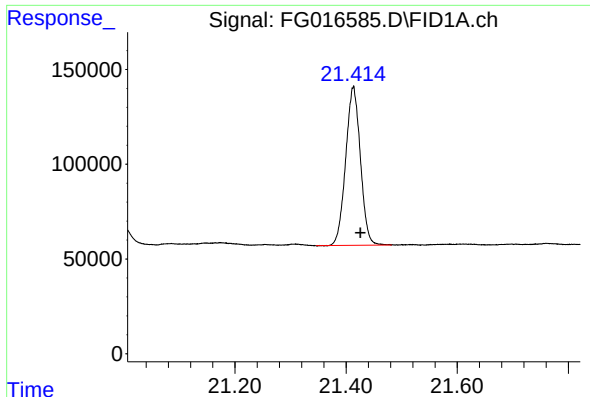
#19 n-Tetratriacontane (C34)

R.T.: 19.886 min
Delta R.T.: -0.009 min
Response: 2138447
Conc: 22.27 ug/ml



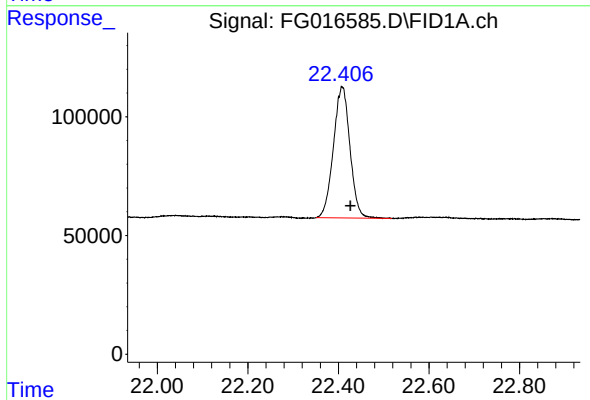
#20 n-Hexatriacontane (C36)

R.T.: 20.628 min
Delta R.T.: -0.011 min
Response: 1767053
Conc: 21.13 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.413 min
Delta R.T.: -0.012 min
Response: 1534529
Conc: 19.93 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.408 min
Delta R.T.: -0.018 min
Response: 1402333
Conc: 18.88 ug/ml