

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG021424AL\
 Data File : FG013529.D
 Signal(s) : FID1A.ch
 Acq On : 14 Feb 2024 17:35
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 15 00:55:35 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)	11.964	2976866	20.693 ug/ml
Spiked Amount 50.000		Recovery =	41.39%
12) S 1-chlorooctadecane (S...	13.406	2287423	20.966 ug/ml
Spiked Amount 50.000		Recovery =	41.93%
Target Compounds			
1) T n-Nonane (C9)	3.327	2673033	20.673 ug/ml
2) T n-Decane (C10)	4.582	2738125	20.707 ug/ml
3) T A~Naphthalene (C11.7)	6.286	2988429	20.630 ug/ml
4) T n-Dodecane (C12)	6.751	2772095	20.694 ug/ml
5) T A~2-methylnaphthalene...	7.384	2900144	20.669 ug/ml
6) T n-Tetradecane (C14)	8.584	2756747	20.702 ug/ml
7) T n-Hexadecane (C16)	10.197	2852024	20.754 ug/ml
8) T n-Octadecane (C18)	11.646	2872142	20.750 ug/ml
10) T n-Eicosane (C20)	12.960	2752165	20.816 ug/ml
11) T n-Heneicosane (C21)	13.574	2695469	20.801 ug/ml
13) T n-Docosane (C22)	14.162	2679584	20.879 ug/ml
14) T n-Tetracosane (C24)	15.270	2661005	21.122 ug/ml
15) T n-Hexacosane (C26)	16.295	2584431	21.175 ug/ml
16) T n-Octacosane (C28)	17.249	2508438	21.339 ug/ml
17) T n-Tricontane (C30)	18.140	2525846	21.528 ug/ml
18) T n-Dotriacontane (C32)	18.974	2449648	21.645 ug/ml
19) T n-Tetratriacontane (C34)	19.761	2326070	21.408 ug/ml
20) T n-Hexatriacontane (C36)	20.503	2218540	21.337 ug/ml
21) T n-Octatriacontane (C38)	21.257	2210578	21.371 ug/ml
22) T n-Tetracontane (C40)	22.199	2210841	21.647 ug/ml

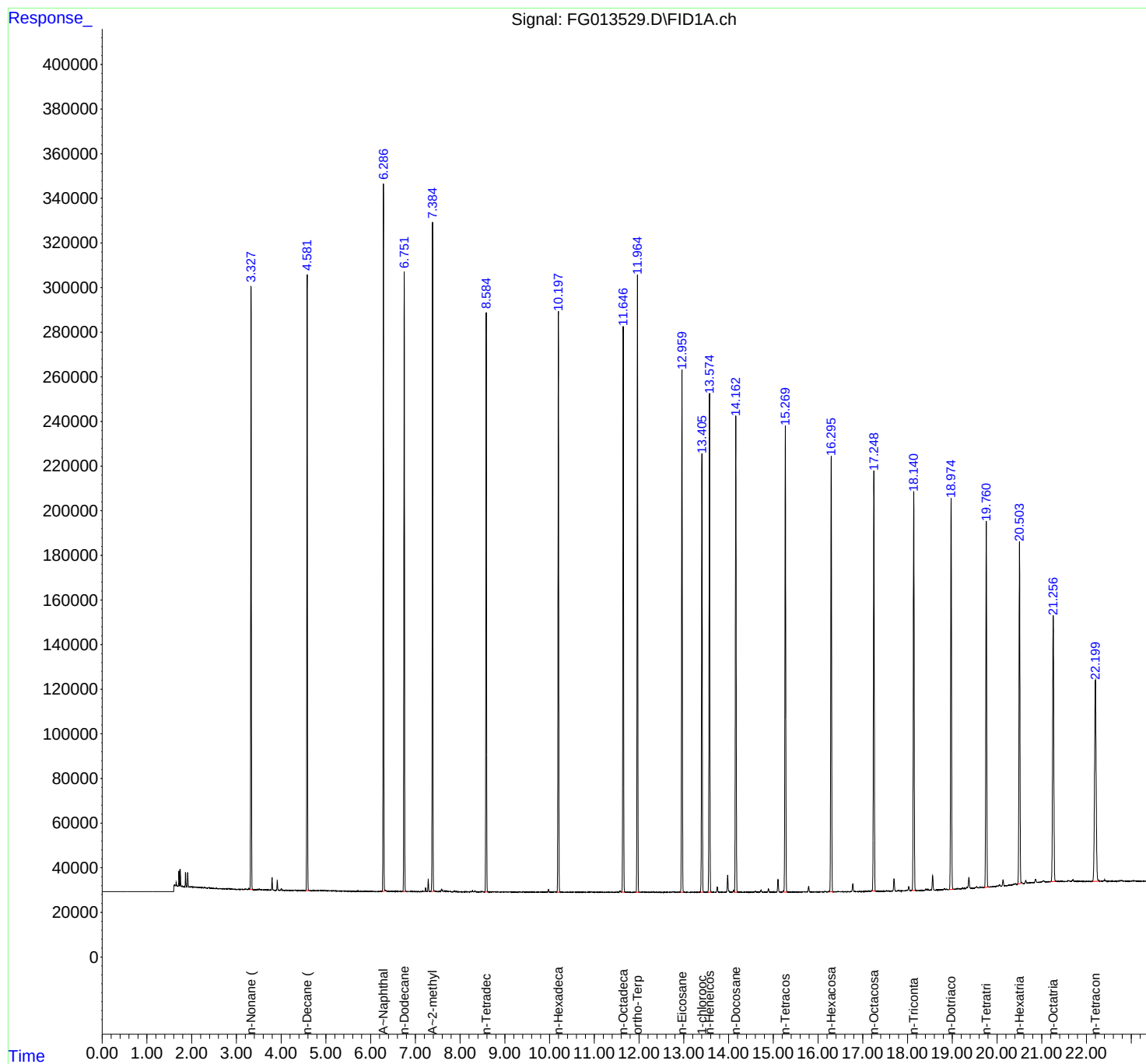
(f)=RT Delta > 1/2 Window

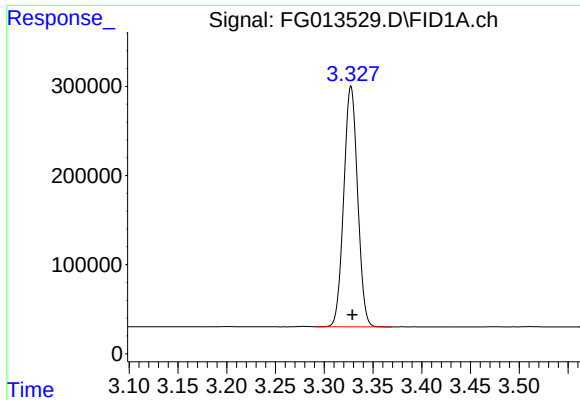
(m)=manual int.

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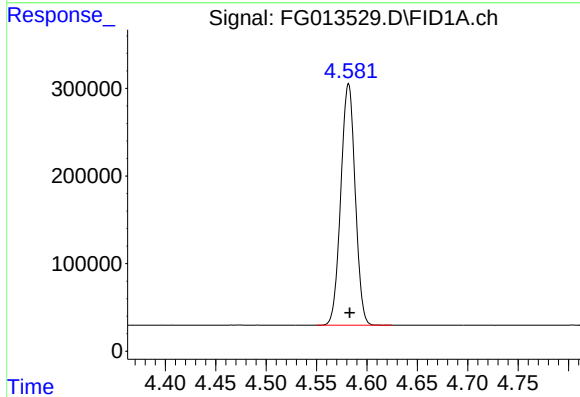
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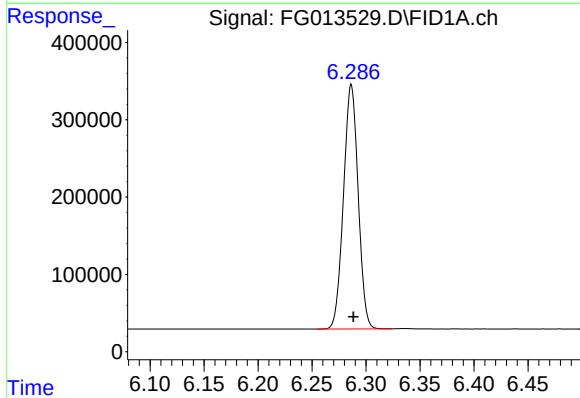
#1 n-Nonane (C9)

R.T.: 3.327 min
Delta R.T.: -0.002 min
Response: 2673033
Conc: 20.67 ug/ml



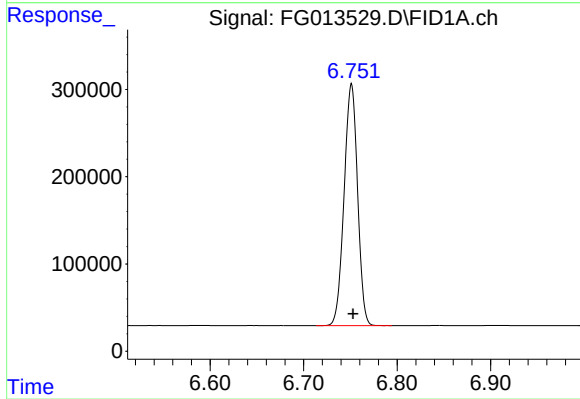
#2 n-Decane (C10)

R.T.: 4.582 min
Delta R.T.: -0.001 min
Response: 2738125
Conc: 20.71 ug/ml



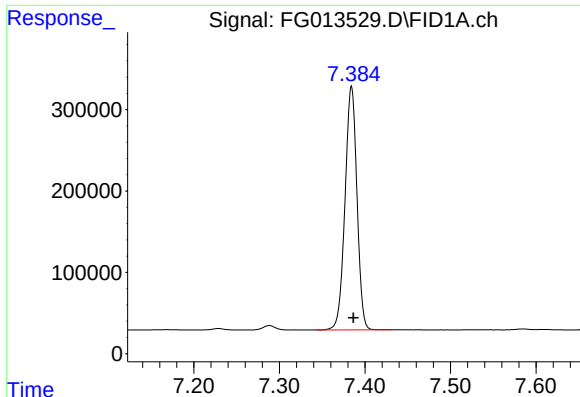
#3 A~Naphthalene (C11.7)

R.T.: 6.286 min
Delta R.T.: -0.002 min
Response: 2988429
Conc: 20.63 ug/ml



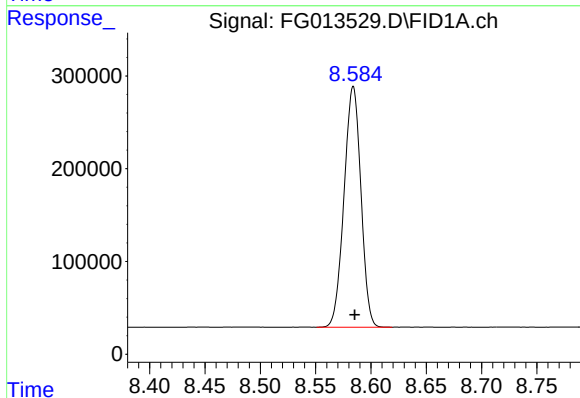
#4 n-Dodecane (C12)

R.T.: 6.751 min
Delta R.T.: -0.001 min
Response: 2772095
Conc: 20.69 ug/ml



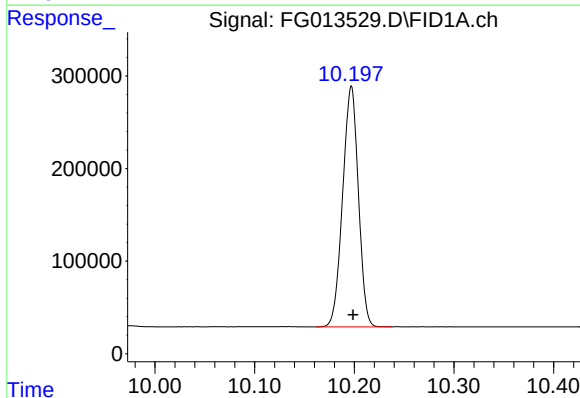
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.384 min
Delta R.T.: -0.002 min
Response: 2900144
Conc: 20.67 ug/ml



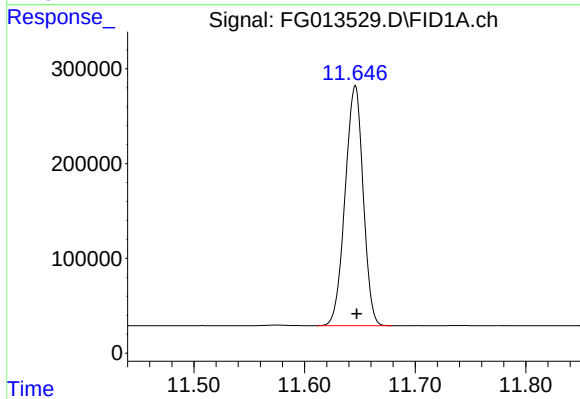
#6 n-Tetradecane (C14)

R.T.: 8.584 min
Delta R.T.: -0.001 min
Response: 2756747
Conc: 20.70 ug/ml



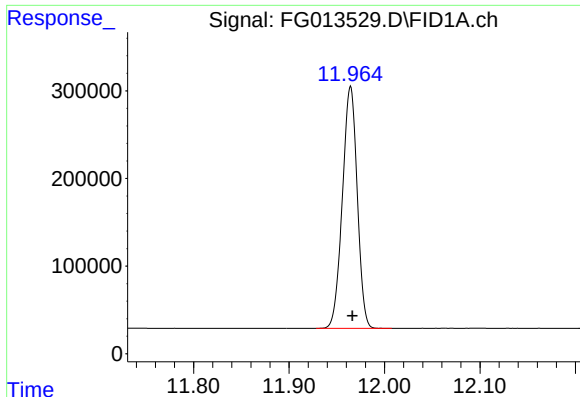
#7 n-Hexadecane (C16)

R.T.: 10.197 min
Delta R.T.: -0.002 min
Response: 2852024
Conc: 20.75 ug/ml



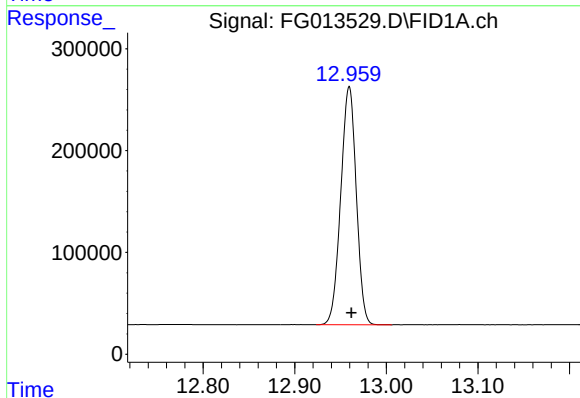
#8 n-Octadecane (C18)

R.T.: 11.646 min
Delta R.T.: -0.001 min
Response: 2872142
Conc: 20.75 ug/ml



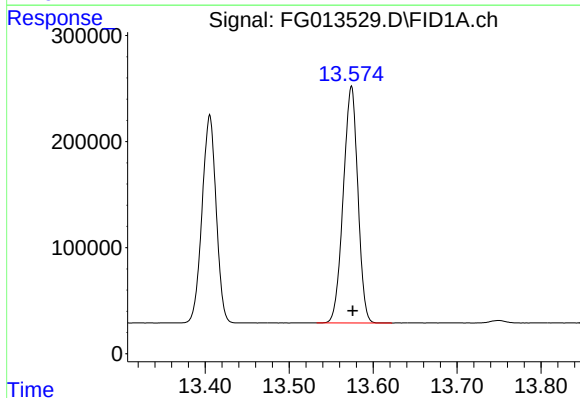
#9 ortho-Terphenyl (SURR)

R.T.: 11.964 min
Delta R.T.: -0.002 min
Response: 2976866
Conc: 20.69 ug/ml



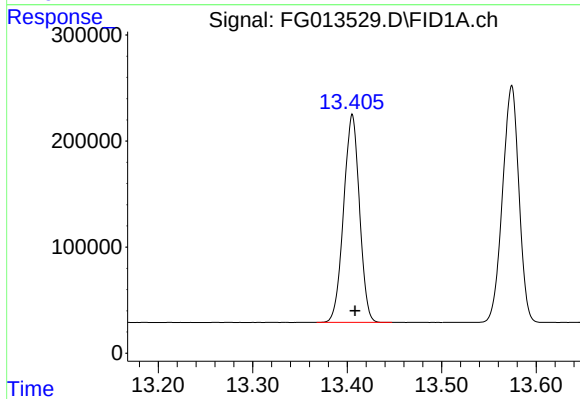
#10 n-Eicosane (C20)

R.T.: 12.960 min
Delta R.T.: -0.002 min
Response: 2752165
Conc: 20.82 ug/ml



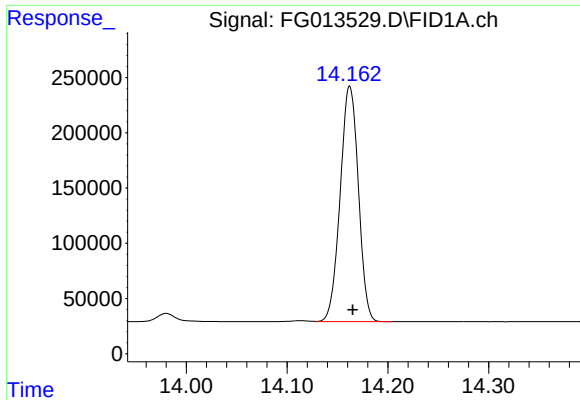
#11 n-Heneicosane (C21)

R.T.: 13.574 min
Delta R.T.: -0.001 min
Response: 2695469
Conc: 20.80 ug/ml



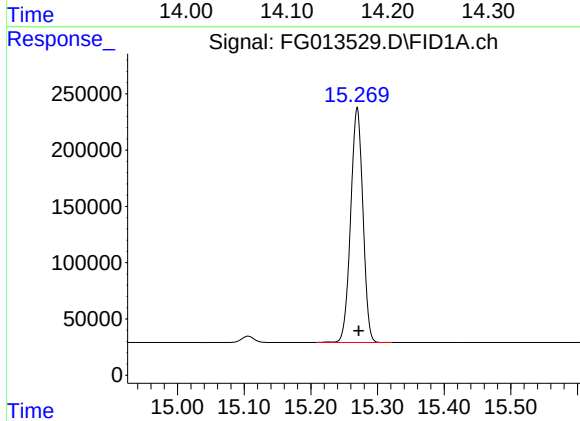
#12 1-chlorooctadecane (SURR)

R.T.: 13.406 min
Delta R.T.: -0.003 min
Response: 2287423
Conc: 20.97 ug/ml



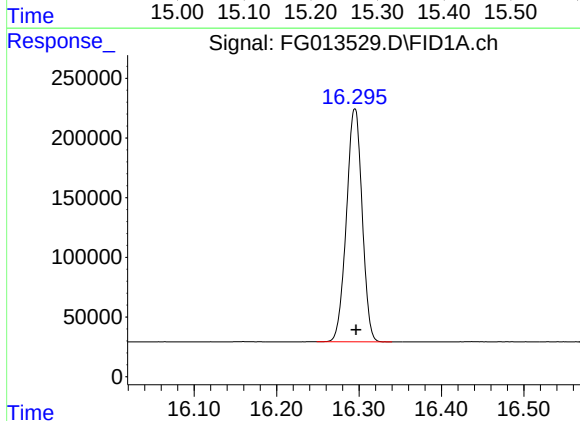
#13 n-Docosane (C22)

R.T.: 14.162 min
Delta R.T.: -0.003 min
Response: 2679584
Conc: 20.88 ug/ml



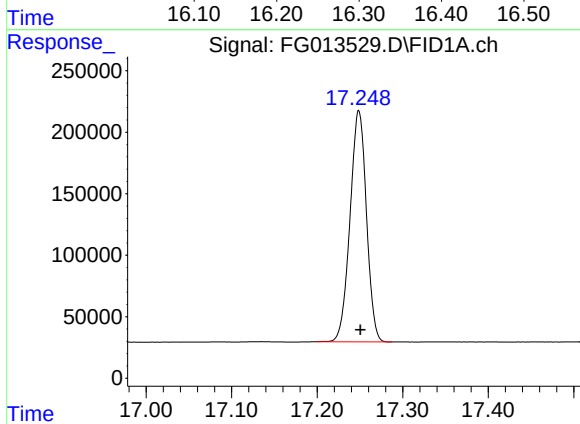
#14 n-Tetracosane (C24)

R.T.: 15.270 min
Delta R.T.: -0.002 min
Response: 2661005
Conc: 21.12 ug/ml



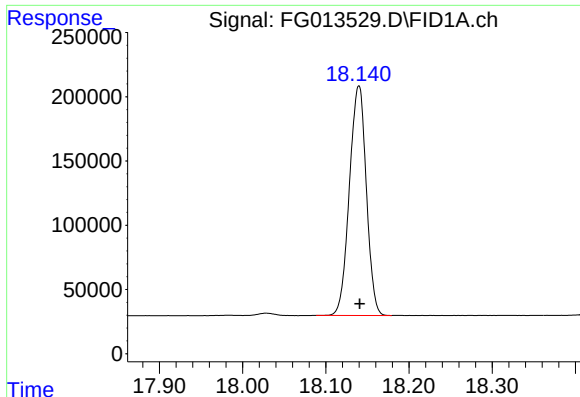
#15 n-Hexacosane (C26)

R.T.: 16.295 min
Delta R.T.: -0.001 min
Response: 2584431
Conc: 21.17 ug/ml



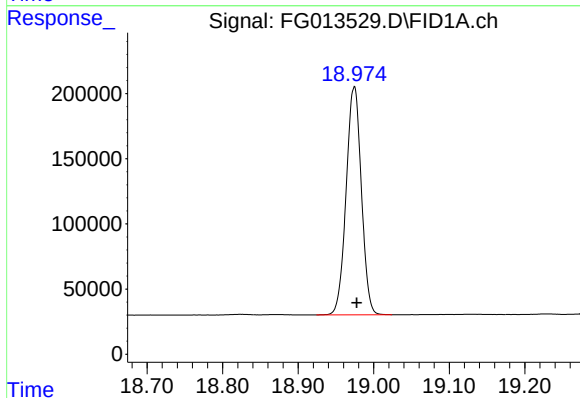
#16 n-Octacosane (C28)

R.T.: 17.249 min
Delta R.T.: -0.002 min
Response: 2508438
Conc: 21.34 ug/ml



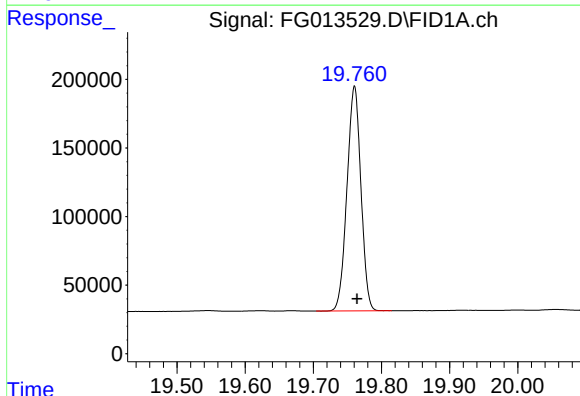
#17 n-Tricontane (C30)

R.T.: 18.140 min
Delta R.T.: -0.001 min
Response: 2525846
Conc: 21.53 ug/ml



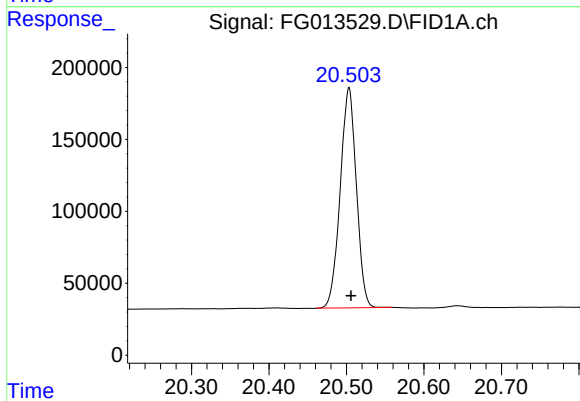
#18 n-Dotriacontane (C32)

R.T.: 18.974 min
Delta R.T.: -0.003 min
Response: 2449648
Conc: 21.64 ug/ml



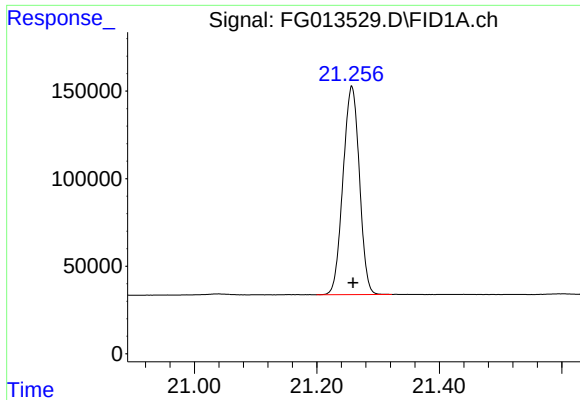
#19 n-Tetratriacontane (C34)

R.T.: 19.761 min
Delta R.T.: -0.004 min
Response: 2326070
Conc: 21.41 ug/ml



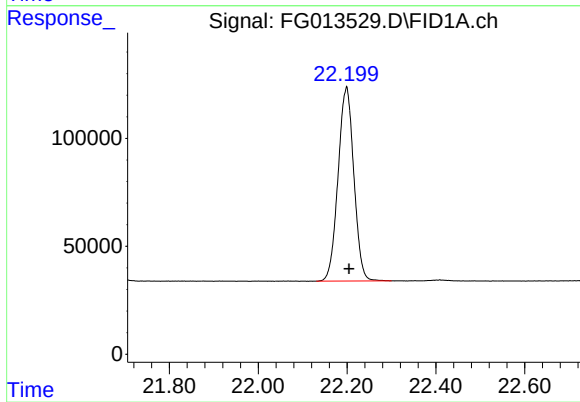
#20 n-Hexatriacontane (C36)

R.T.: 20.503 min
Delta R.T.: -0.002 min
Response: 2218540
Conc: 21.34 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.257 min
Delta R.T.: -0.003 min
Response: 2210578
Conc: 21.37 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.199 min
Delta R.T.: -0.006 min
Response: 2210841
Conc: 21.65 ug/ml