

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG021324AL\
 Data File : FG013503.D
 Signal(s) : FID1A.ch
 Acq On : 13 Feb 2024 12:46
 Operator : YP\AJ
 Sample : P1187-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 14 01:32:28 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			
12) S 1-chlorooctadecane (S...	13.413	4066196	37.270 ug/ml
Spiked Amount 50.000		Recovery =	74.54%
Target Compounds			
1) T n-Nonane (C9)	3.324	333131	2.576 ug/ml
2) T n-Decane (C10)	4.578	430152	3.253 ug/ml
4) T n-Dodecane (C12)	6.750	594198	4.436 ug/ml
6) T n-Tetradecane (C14)	8.583	530074	3.981 ug/ml
7) T n-Hexadecane (C16)	10.198	552514	4.021 ug/ml
8) T n-Octadecane (C18)	11.647	601034	4.342 ug/ml
10) T n-Eicosane (C20)	12.963	620916	4.696 ug/ml
11) T n-Heneicosane (C21)	13.579	606147	4.678 ug/ml
13) T n-Docosane (C22)	14.167	620706	4.836 ug/ml
14) T n-Tetracosane (C24)	15.274	669992	5.318 ug/ml
15) T n-Hexacosane (C26)	16.300	609125	4.991 ug/ml
16) T n-Octacosane (C28)	17.254	611310	5.200 ug/ml
17) T n-Tricontane (C30)	18.145	628831	5.360 ug/ml
18) T n-Dotriacontane (C32)	18.982	618295	5.463 ug/ml
19) T n-Tetratriacontane (C34)	19.768	568799	5.235 ug/ml
20) T n-Hexatriacontane (C36)	20.511	505552	4.862 ug/ml
21) T n-Octatriacontane (C38)	21.268	449859	4.349 ug/ml
22) T n-Tetracontane (C40)	22.212	392033	3.839 ug/ml

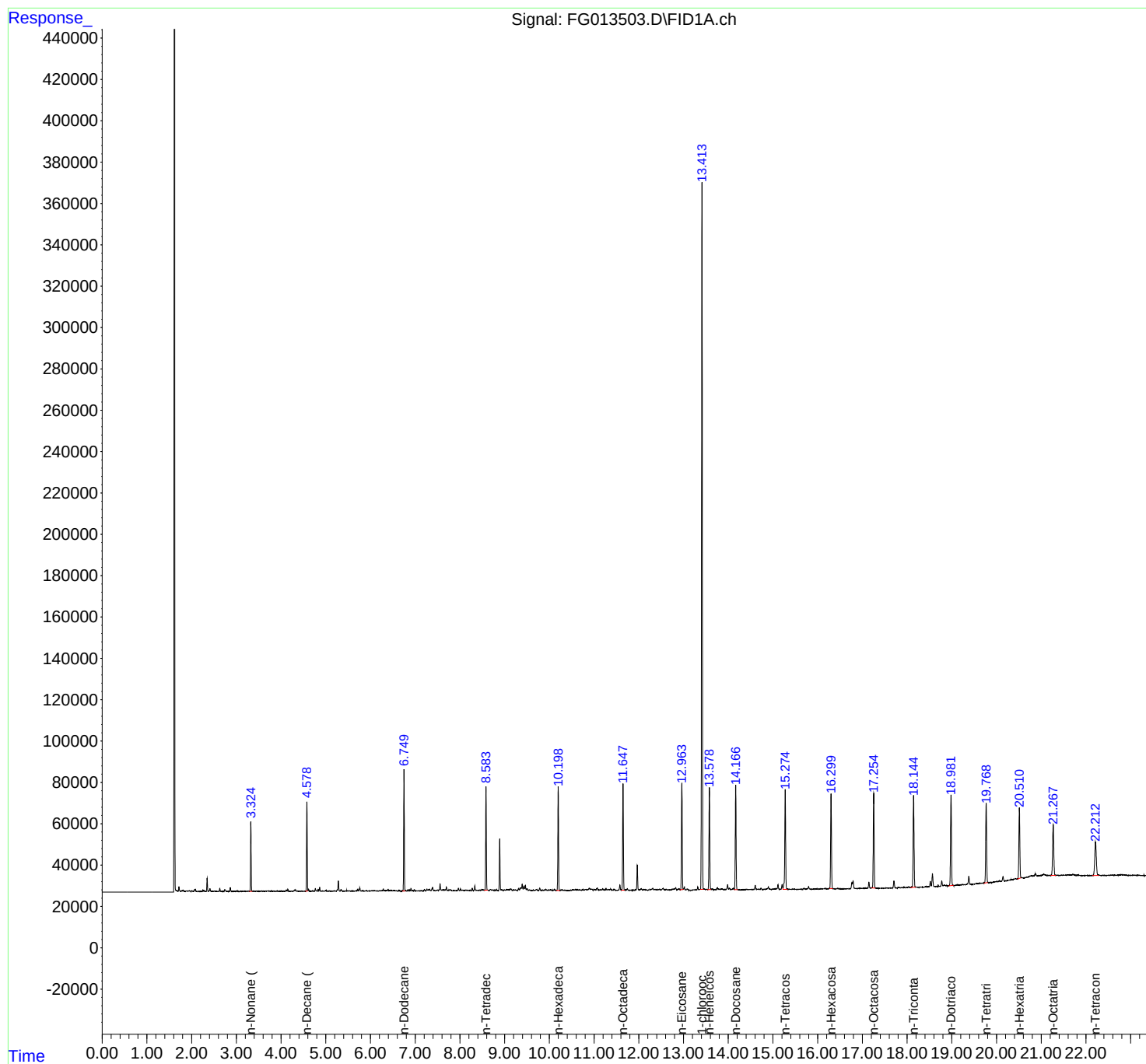
(f)=RT Delta > 1/2 Window

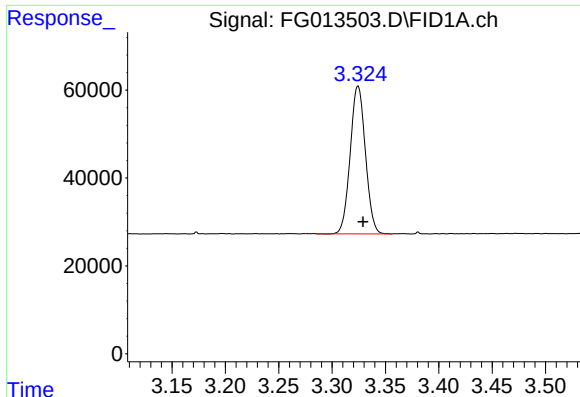
(m)=manual int.

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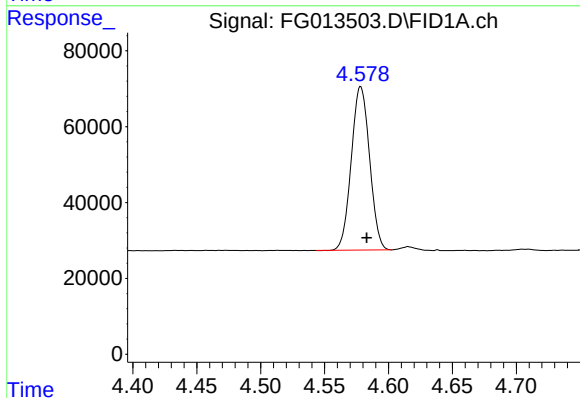
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





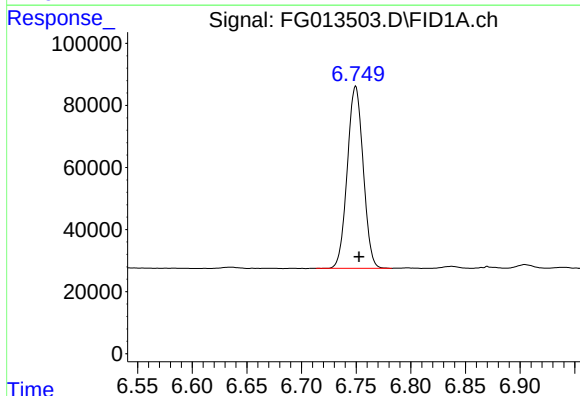
#1 n-Nonane (C9)

R.T.: 3.324 min
Delta R.T.: -0.005 min
Response: 333131
Conc: 2.58 ug/ml



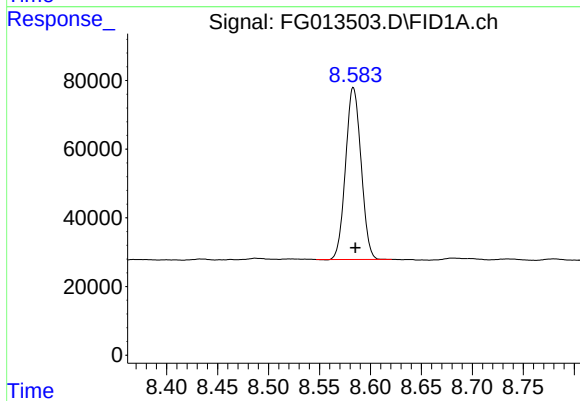
#2 n-Decane (C10)

R.T.: 4.578 min
Delta R.T.: -0.005 min
Response: 430152
Conc: 3.25 ug/ml



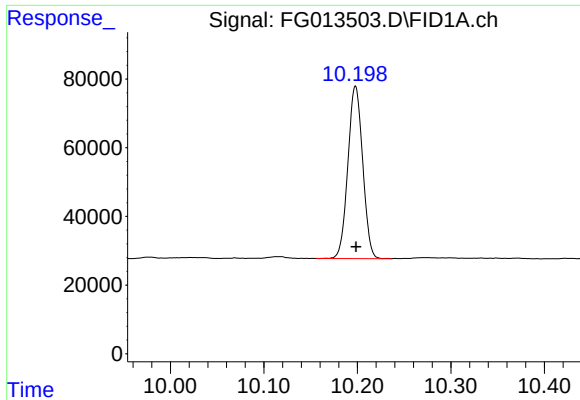
#4 n-Dodecane (C12)

R.T.: 6.750 min
Delta R.T.: -0.003 min
Response: 594198
Conc: 4.44 ug/ml



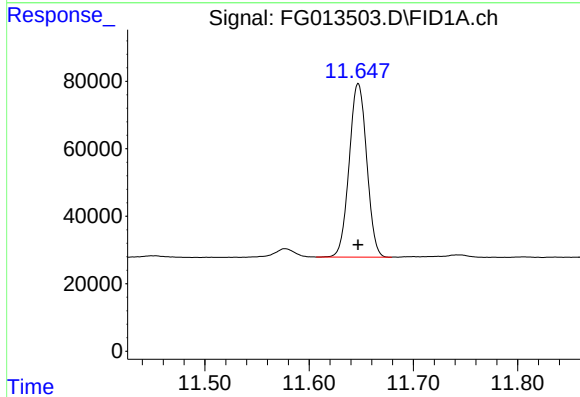
#6 n-Tetradecane (C14)

R.T.: 8.583 min
Delta R.T.: -0.002 min
Response: 530074
Conc: 3.98 ug/ml



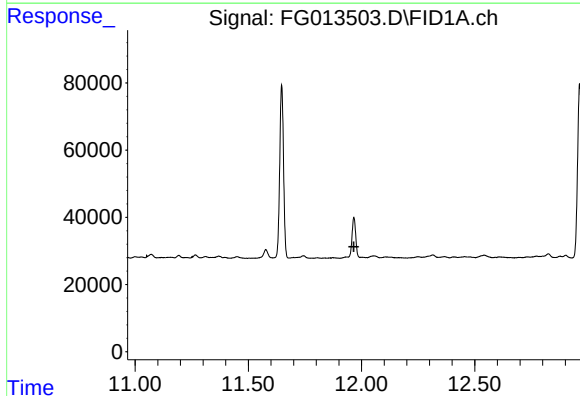
#7 n-Hexadecane (C16)

R.T.: 10.198 min
Delta R.T.: 0.000 min
Response: 552514
Conc: 4.02 ug/ml



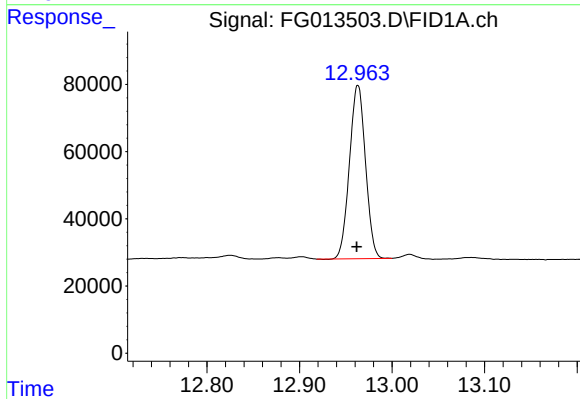
#8 n-Octadecane (C18)

R.T.: 11.647 min
Delta R.T.: 0.000 min
Response: 601034
Conc: 4.34 ug/ml



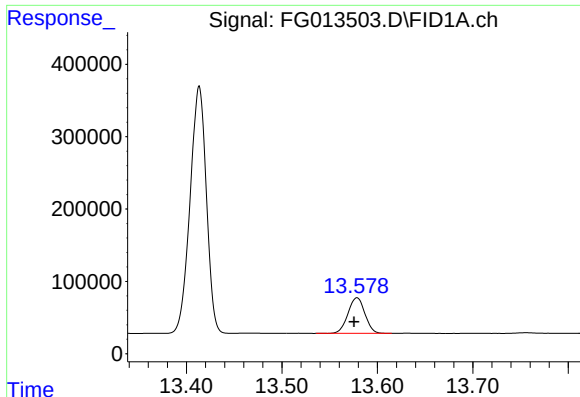
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.966 min
Response: 0
Conc: N.D.



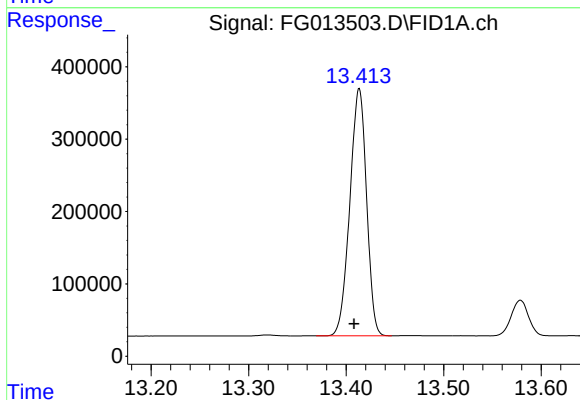
#10 n-Eicosane (C20)

R.T.: 12.963 min
Delta R.T.: 0.001 min
Response: 620916
Conc: 4.70 ug/ml



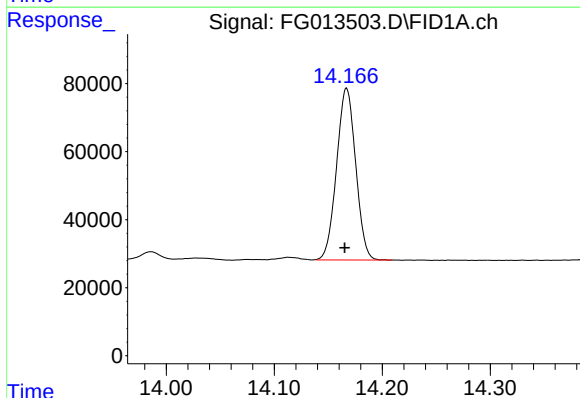
#11 n-Heneicosane (C21)

R.T.: 13.579 min
Delta R.T.: 0.003 min
Response: 606147
Conc: 4.68 ug/ml



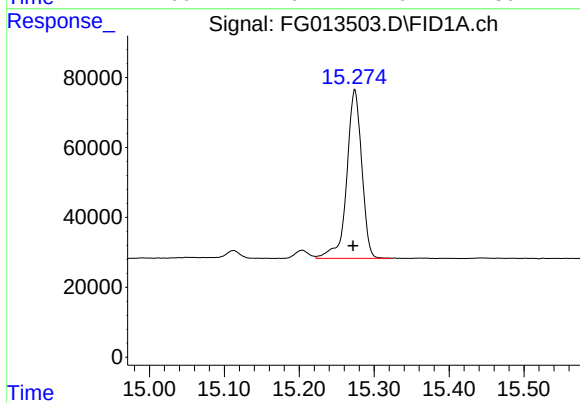
#12 1-chlorooctadecane (SURR)

R.T.: 13.413 min
Delta R.T.: 0.005 min
Response: 4066196
Conc: 37.27 ug/ml



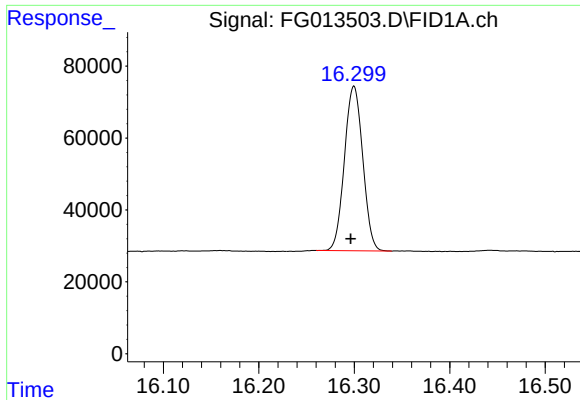
#13 n-Docosane (C22)

R.T.: 14.167 min
Delta R.T.: 0.002 min
Response: 620706
Conc: 4.84 ug/ml



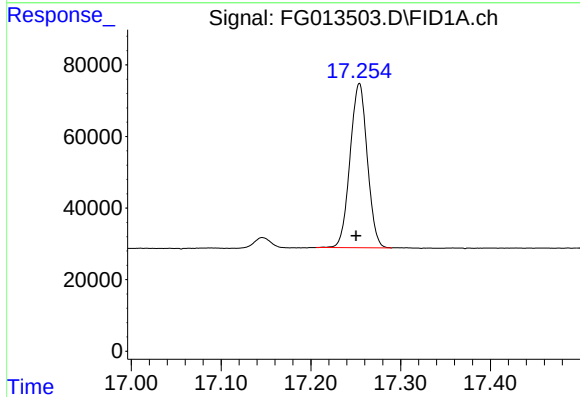
#14 n-Tetracosane (C24)

R.T.: 15.274 min
Delta R.T.: 0.002 min
Response: 669992
Conc: 5.32 ug/ml



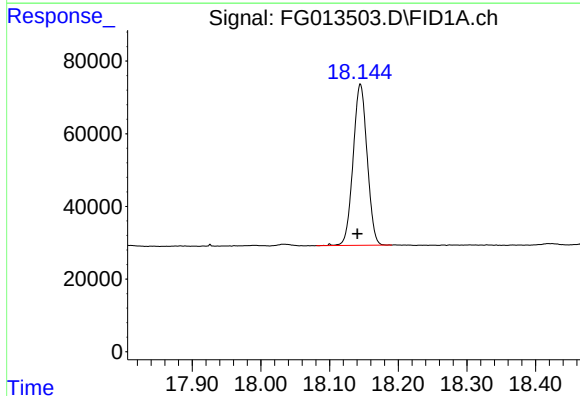
#15 n-Hexacosane (C26)

R.T.: 16.300 min
Delta R.T.: 0.003 min
Response: 609125
Conc: 4.99 ug/ml



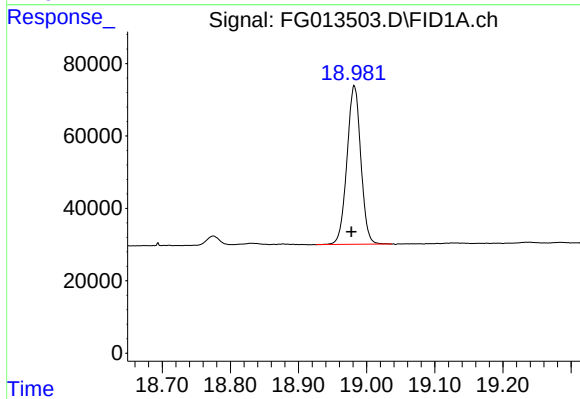
#16 n-Octacosane (C28)

R.T.: 17.254 min
Delta R.T.: 0.004 min
Response: 611310
Conc: 5.20 ug/ml



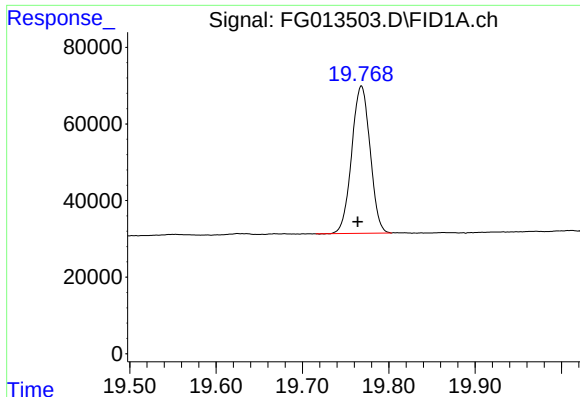
#17 n-Tricontane (C30)

R.T.: 18.145 min
Delta R.T.: 0.004 min
Response: 628831
Conc: 5.36 ug/ml



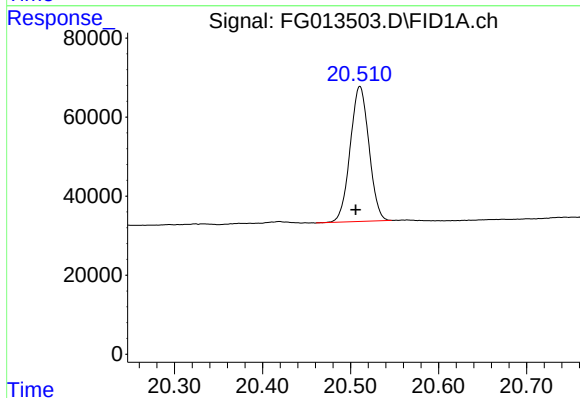
#18 n-Dotriacontane (C32)

R.T.: 18.982 min
Delta R.T.: 0.004 min
Response: 618295
Conc: 5.46 ug/ml



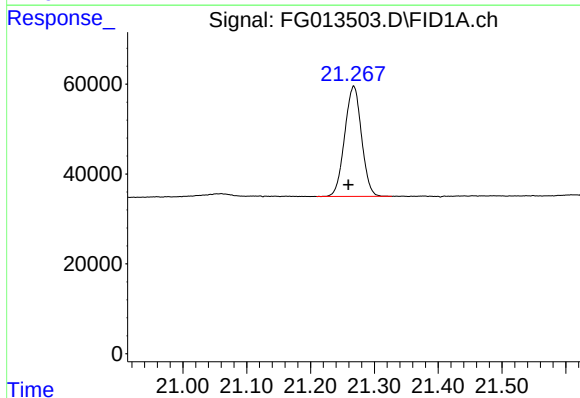
#19 n-Tetratriacontane (C34)

R.T.: 19.768 min
Delta R.T.: 0.004 min
Response: 568799
Conc: 5.24 ug/ml



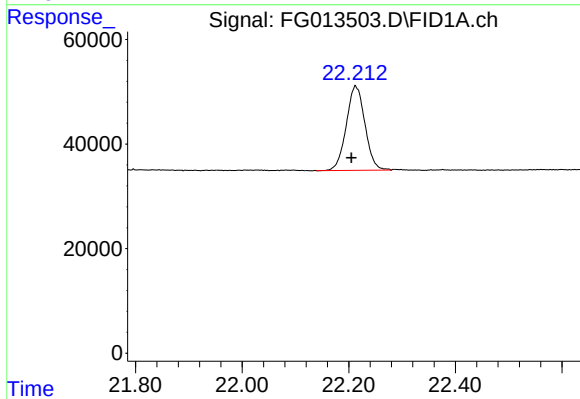
#20 n-Hexatriacontane (C36)

R.T.: 20.511 min
Delta R.T.: 0.005 min
Response: 505552
Conc: 4.86 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.268 min
Delta R.T.: 0.008 min
Response: 449859
Conc: 4.35 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.212 min
Delta R.T.: 0.008 min
Response: 392033
Conc: 3.84 ug/ml