

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG021324AL\
 Data File : FG013505.D
 Signal(s) : FID1A.ch
 Acq On : 13 Feb 2024 13:44
 Operator : YP\AJ
 Sample : P1187-01
 Misc : 4 PPM SOIL LOD
 ALS Vial : 63 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 14 01:32:48 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	169724	1.180 ug/ml
Spiked Amount 50.000		Recovery =	2.36%
12) S 1-chlorooctadecane (S...	13.410	5087706	46.633 ug/ml
Spiked Amount 50.000		Recovery =	93.27%
Target Compounds			
1) T n-Nonane (C9)	3.333	399571	3.090 ug/ml
2) T n-Decane (C10)	4.583	520201	3.934 ug/ml
4) T n-Dodecane (C12)	6.751	723106	5.398 ug/ml
6) T n-Tetradecane (C14)	8.583	652893	4.903 ug/ml
7) T n-Hexadecane (C16)	10.197	677796	4.932 ug/ml
8) T n-Octadecane (C18)	11.645	739478	5.342 ug/ml
10) T n-Eicosane (C20)	12.960	770322	5.826 ug/ml
11) T n-Heneicosane (C21)	13.575	750899	5.795 ug/ml
13) T n-Docosane (C22)	14.163	767355	5.979 ug/ml
14) T n-Tetracosane (C24)	15.271	819056	6.501 ug/ml
15) T n-Hexacosane (C26)	16.296	746811	6.119 ug/ml
16) T n-Octacosane (C28)	17.249	745800	6.345 ug/ml
17) T n-Tricontane (C30)	18.141	761971	6.494 ug/ml
18) T n-Dotriacontane (C32)	18.977	750086	6.628 ug/ml
19) T n-Tetratriacontane (C34)	19.764	701864	6.460 ug/ml
20) T n-Hexatriacontane (C36)	20.505	630546	6.064 ug/ml
21) T n-Octatriacontane (C38)	21.261	561662	5.430 ug/ml
22) T n-Tetracontane (C40)	22.204	488426	4.782 ug/ml

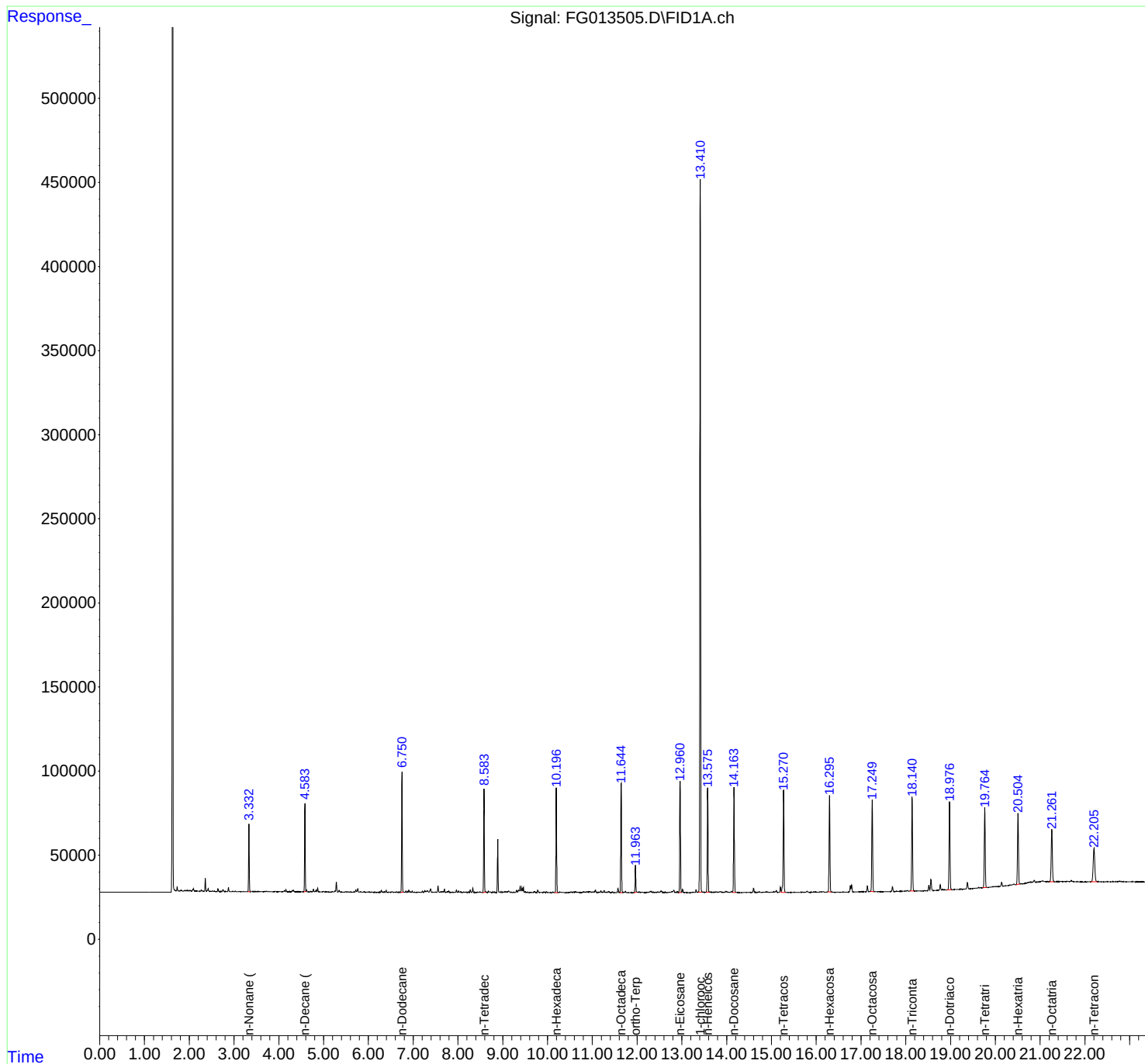
(f)=RT Delta > 1/2 Window

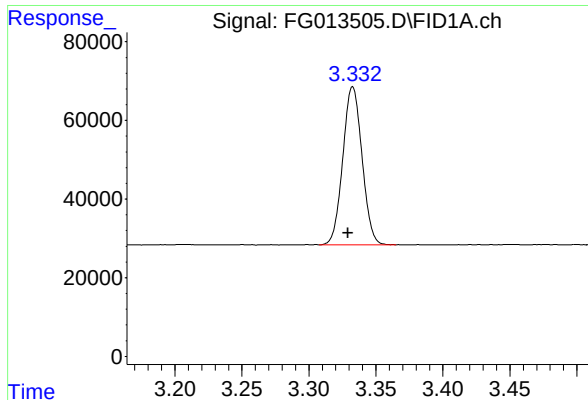
(m)=manual int.

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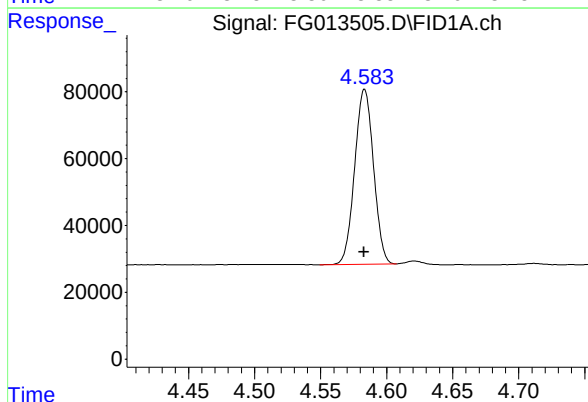
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Signal Info : 20M x 0.18mm x 0.18um





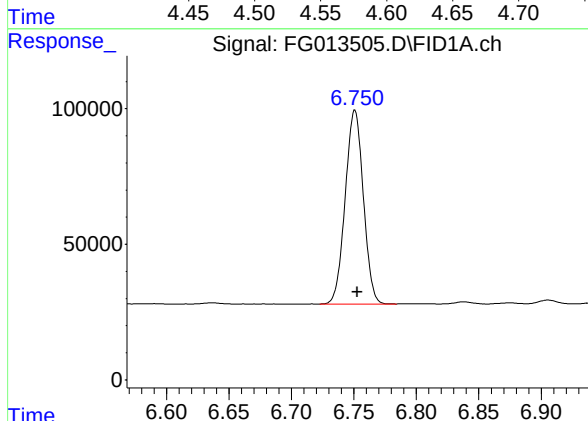
#1 n-Nonane (C9)

R.T.: 3.333 min
Delta R.T.: 0.004 min
Response: 399571
Conc: 3.09 ug/ml



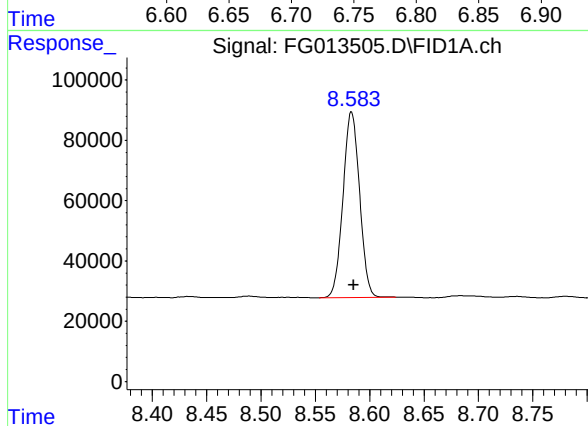
#2 n-Decane (C10)

R.T.: 4.583 min
Delta R.T.: 0.000 min
Response: 520201
Conc: 3.93 ug/ml



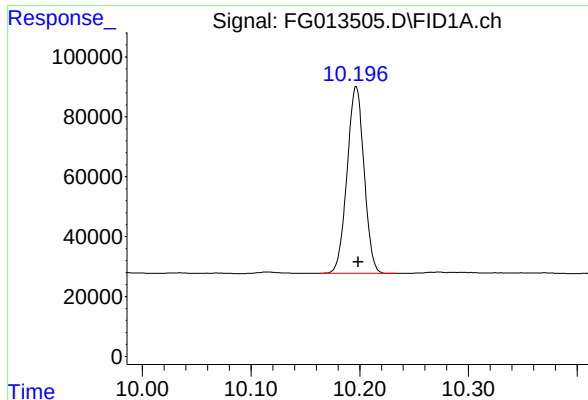
#4 n-Dodecane (C12)

R.T.: 6.751 min
Delta R.T.: -0.002 min
Response: 723106
Conc: 5.40 ug/ml



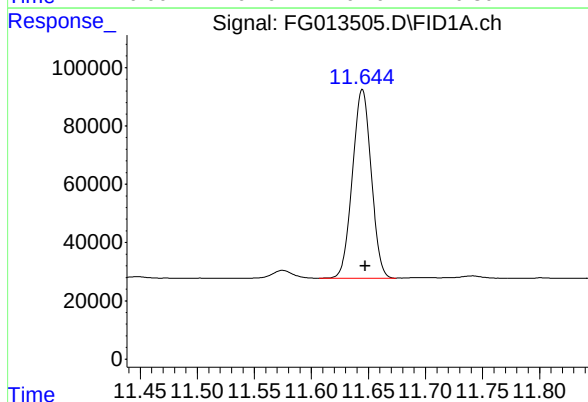
#6 n-Tetradecane (C14)

R.T.: 8.583 min
Delta R.T.: -0.002 min
Response: 652893
Conc: 4.90 ug/ml



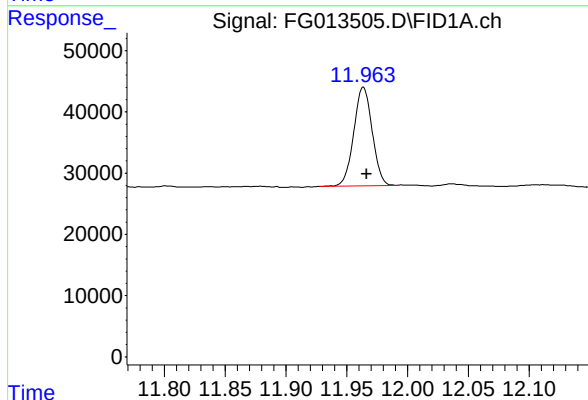
#7 n-Hexadecane (C16)

R.T.: 10.197 min
Delta R.T.: -0.002 min
Response: 677796
Conc: 4.93 ug/ml



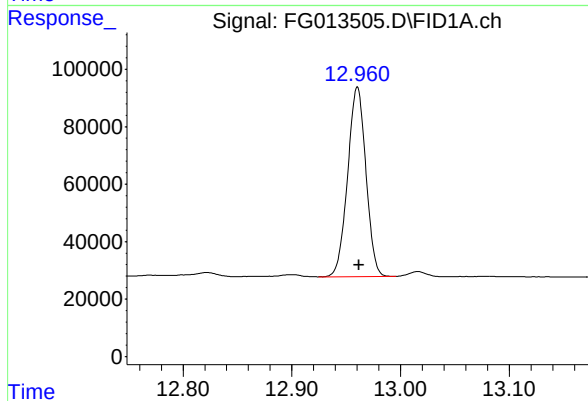
#8 n-Octadecane (C18)

R.T.: 11.645 min
Delta R.T.: -0.002 min
Response: 739478
Conc: 5.34 ug/ml



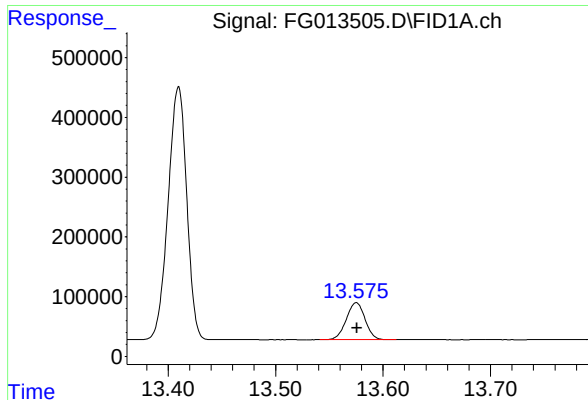
#9 ortho-Terphenyl (SURR)

R.T.: 11.964 min
Delta R.T.: -0.003 min
Response: 169724
Conc: 1.18 ug/ml



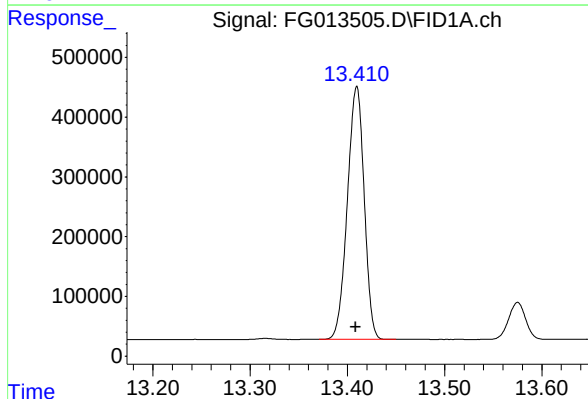
#10 n-Eicosane (C20)

R.T.: 12.960 min
Delta R.T.: -0.001 min
Response: 770322
Conc: 5.83 ug/ml



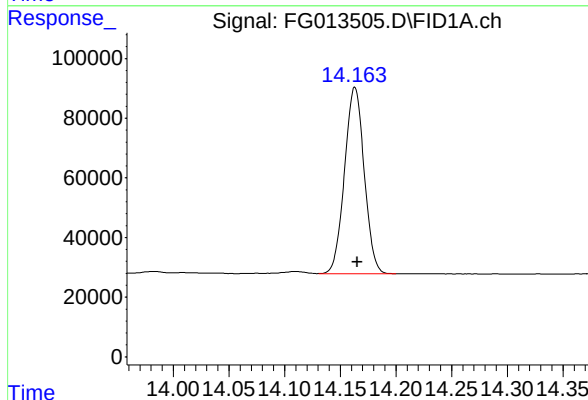
#11 n-Heneicosane (C21)

R.T.: 13.575 min
Delta R.T.: 0.000 min
Response: 750899
Conc: 5.79 ug/ml



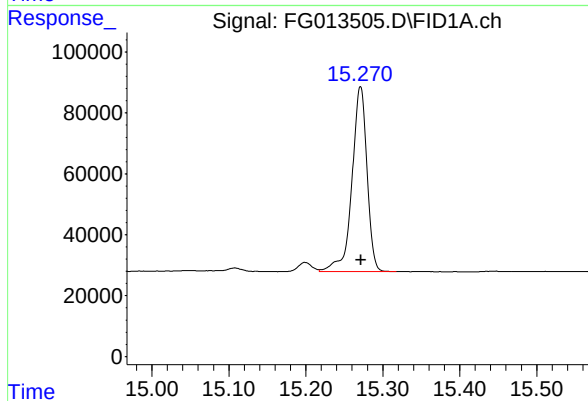
#12 1-chlorooctadecane (SURR)

R.T.: 13.410 min
Delta R.T.: 0.001 min
Response: 5087706
Conc: 46.63 ug/ml



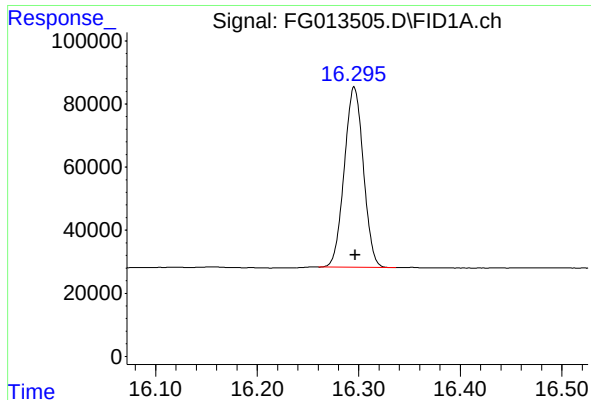
#13 n-Docosane (C22)

R.T.: 14.163 min
Delta R.T.: -0.002 min
Response: 767355
Conc: 5.98 ug/ml



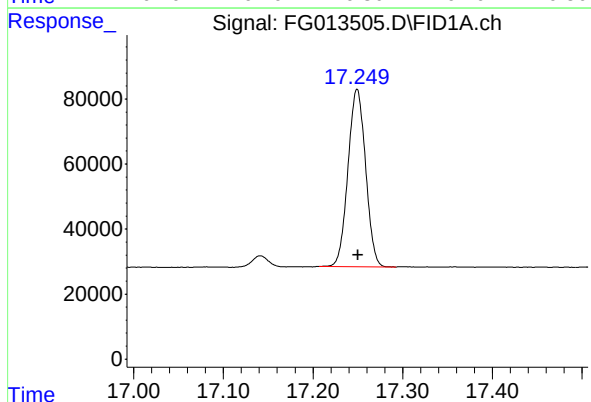
#14 n-Tetracosane (C24)

R.T.: 15.271 min
Delta R.T.: 0.000 min
Response: 819056
Conc: 6.50 ug/ml



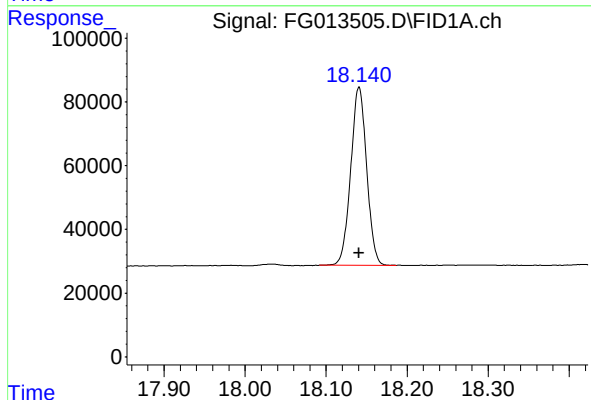
#15 n-Hexacosane (C26)

R.T.: 16.296 min
Delta R.T.: 0.000 min
Response: 746811
Conc: 6.12 ug/ml



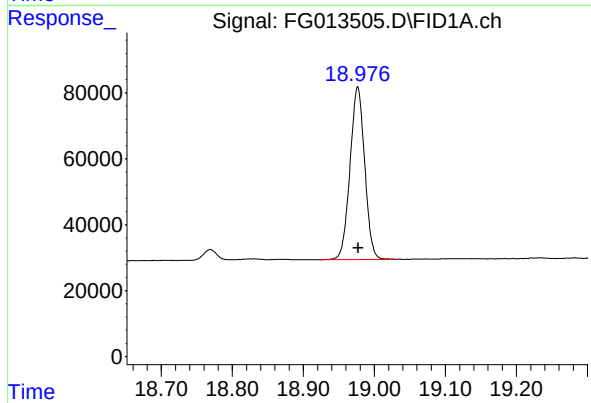
#16 n-Octacosane (C28)

R.T.: 17.249 min
Delta R.T.: -0.001 min
Response: 745800
Conc: 6.34 ug/ml



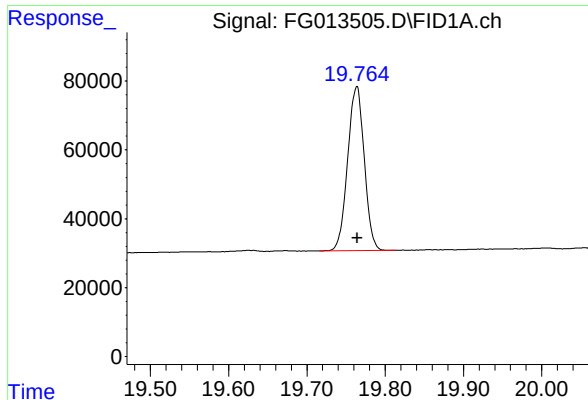
#17 n-Tricontane (C30)

R.T.: 18.141 min
Delta R.T.: 0.000 min
Response: 761971
Conc: 6.49 ug/ml



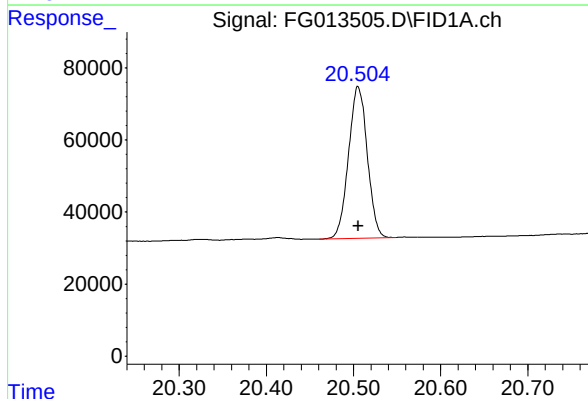
#18 n-Dotriacontane (C32)

R.T.: 18.977 min
Delta R.T.: -0.001 min
Response: 750086
Conc: 6.63 ug/ml



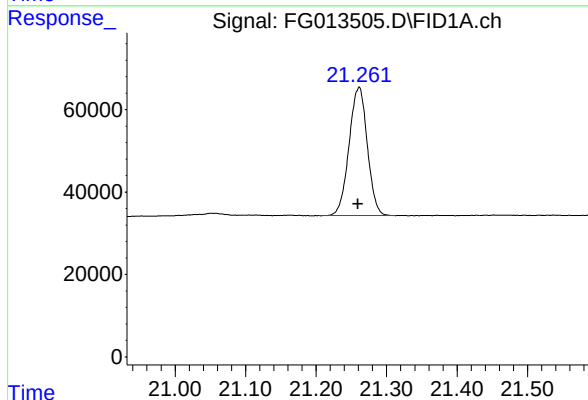
#19 n-Tetratriacontane (C34)

R.T.: 19.764 min
Delta R.T.: 0.000 min
Response: 701864
Conc: 6.46 ug/ml



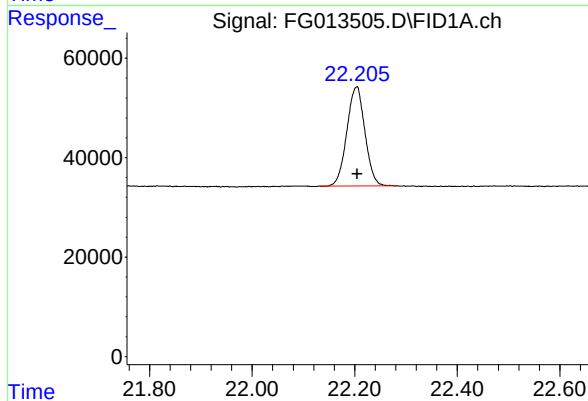
#20 n-Hexatriacontane (C36)

R.T.: 20.505 min
Delta R.T.: 0.000 min
Response: 630546
Conc: 6.06 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.261 min
Delta R.T.: 0.002 min
Response: 561662
Conc: 5.43 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.204 min
Delta R.T.: 0.000 min
Response: 488426
Conc: 4.78 ug/ml