

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG021324AL\
 Data File : FG013506.D
 Signal(s) : FID1A.ch
 Acq On : 13 Feb 2024 14:14
 Operator : YP\AJ
 Sample : P1187-08
 Misc : 5 PPM WATER LOQ
 ALS Vial : 64 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 14 01:32:58 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...	13.409	4297059	39.386 ug/ml
Spiked Amount 50.000		Recovery =	78.77%
Target Compounds			
1) T n-Nonane (C9)	3.328	434960	3.364 ug/ml
2) T n-Decane (C10)	4.582	547818	4.143 ug/ml
4) T n-Dodecane (C12)	6.751	624622	4.663 ug/ml
6) T n-Tetradecane (C14)	8.584	607647	4.563 ug/ml
7) T n-Hexadecane (C16)	10.196	643463	4.682 ug/ml
8) T n-Octadecane (C18)	11.644	694762	5.019 ug/ml
10) T n-Eicosane (C20)	12.960	727023	5.499 ug/ml
11) T n-Heneicosane (C21)	13.575	707549	5.460 ug/ml
13) T n-Docosane (C22)	14.163	716343	5.582 ug/ml
14) T n-Tetracosane (C24)	15.271	716683	5.689 ug/ml
15) T n-Hexacosane (C26)	16.296	690234	5.655 ug/ml
16) T n-Octacosane (C28)	17.249	706642	6.011 ug/ml
17) T n-Tricontane (C30)	18.140	749404	6.387 ug/ml
18) T n-Dotriacontane (C32)	18.976	744749	6.581 ug/ml
19) T n-Tetratriacontane (C34)	19.763	694193	6.389 ug/ml
20) T n-Hexatriacontane (C36)	20.505	624875	6.010 ug/ml
21) T n-Octatriacontane (C38)	21.260	593564	5.738 ug/ml
22) T n-Tetracontane (C40)	22.203	561250	5.495 ug/ml

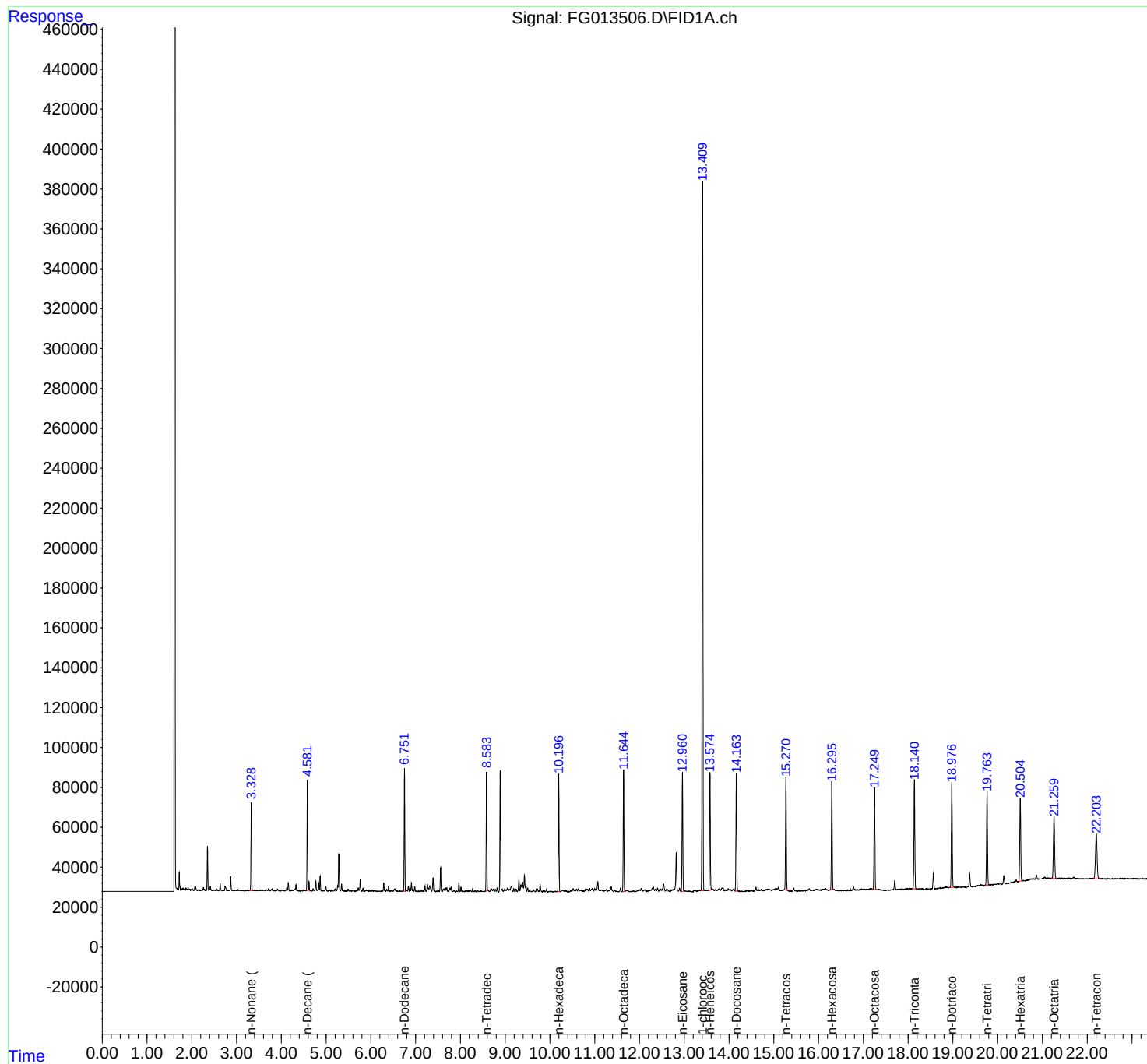
(f)=RT Delta > 1/2 Window

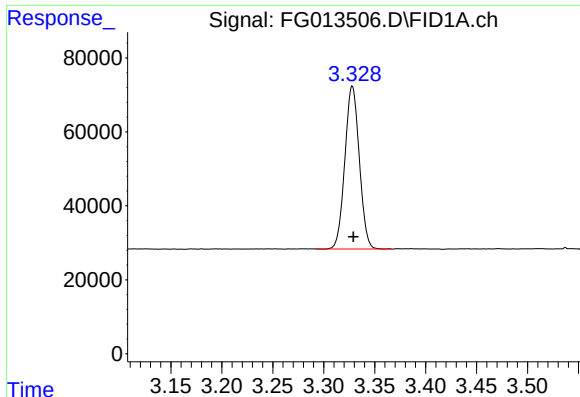
(m)=manual int.

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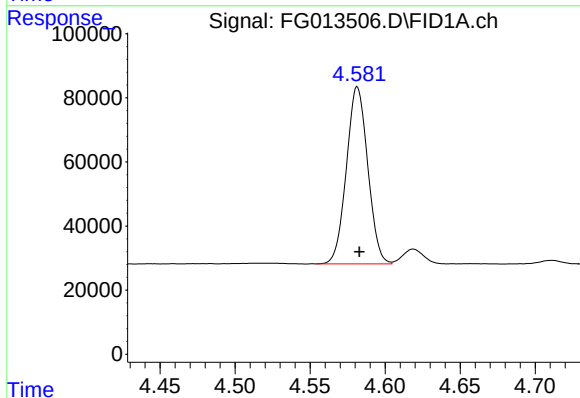
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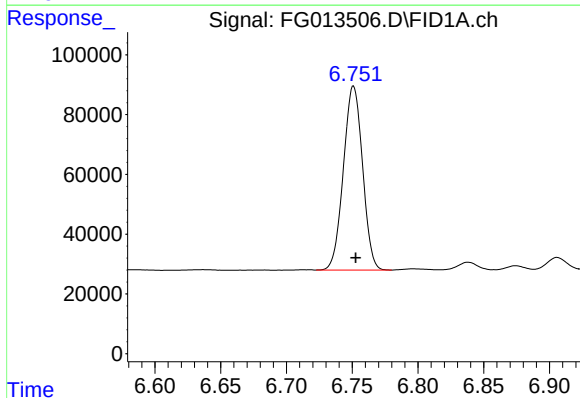
#1 n-Nonane (C9)

R.T.: 3.328 min
Delta R.T.: 0.000 min
Response: 434960
Conc: 3.36 ug/ml



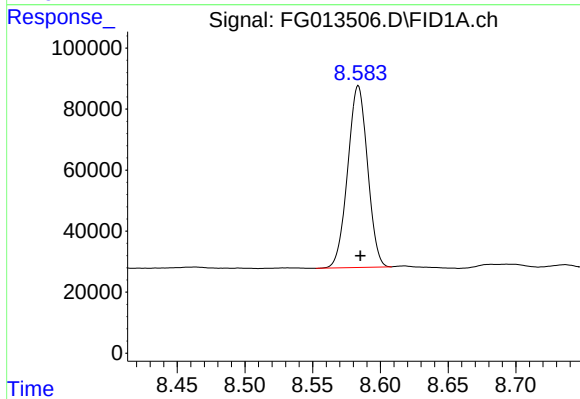
#2 n-Decane (C10)

R.T.: 4.582 min
Delta R.T.: -0.001 min
Response: 547818
Conc: 4.14 ug/ml



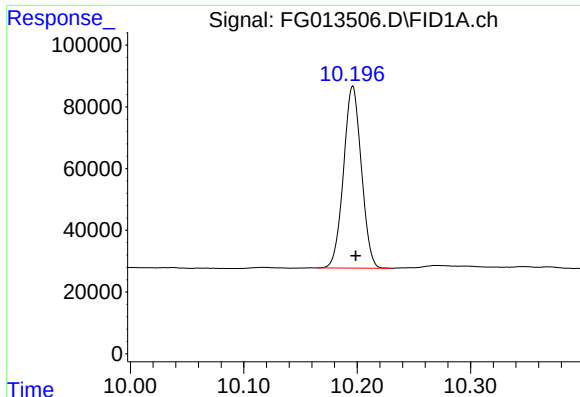
#4 n-Dodecane (C12)

R.T.: 6.751 min
Delta R.T.: -0.002 min
Response: 624622
Conc: 4.66 ug/ml



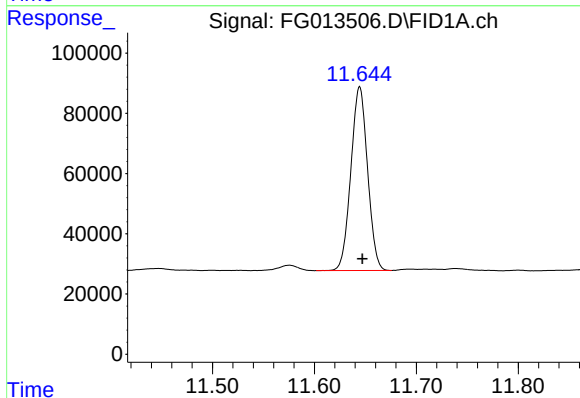
#6 n-Tetradecane (C14)

R.T.: 8.584 min
Delta R.T.: -0.002 min
Response: 607647
Conc: 4.56 ug/ml



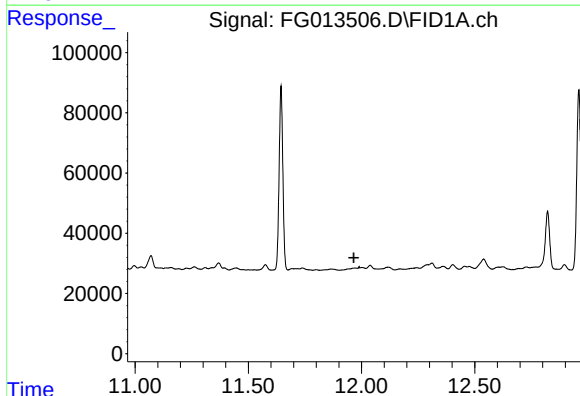
#7 n-Hexadecane (C16)

R.T.: 10.196 min
Delta R.T.: -0.003 min
Response: 643463
Conc: 4.68 ug/ml



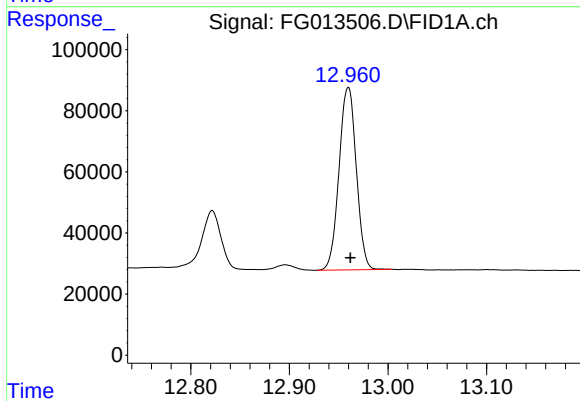
#8 n-Octadecane (C18)

R.T.: 11.644 min
Delta R.T.: -0.003 min
Response: 694762
Conc: 5.02 ug/ml



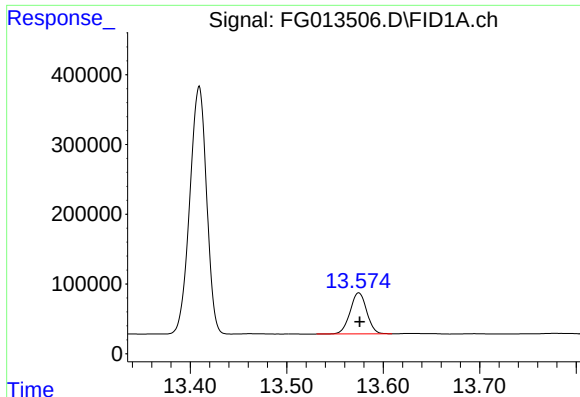
#9 ortho-Terphenyl (SURR)

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



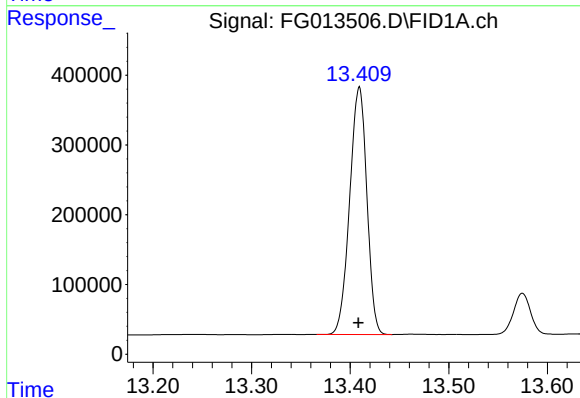
#10 n-Eicosane (C20)

R.T.: 12.960 min
Delta R.T.: -0.002 min
Response: 727023
Conc: 5.50 ug/ml



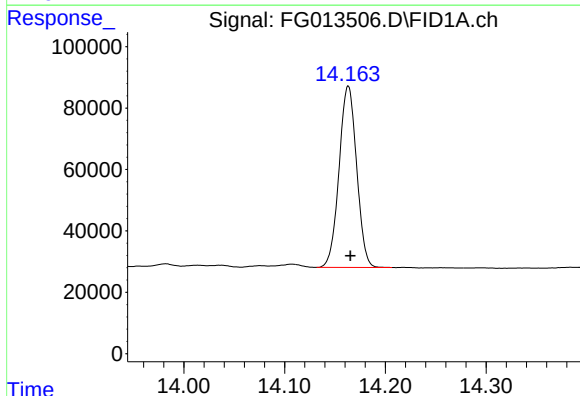
#11 n-Heneicosane (C21)

R.T.: 13.575 min
Delta R.T.: 0.000 min
Response: 707549
Conc: 5.46 ug/ml



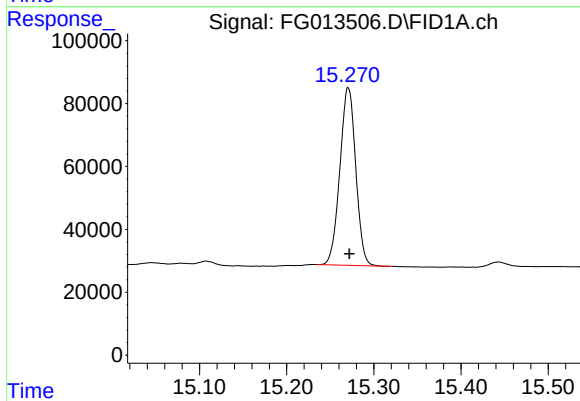
#12 1-chlorooctadecane (SURR)

R.T.: 13.409 min
Delta R.T.: 0.001 min
Response: 4297059
Conc: 39.39 ug/ml



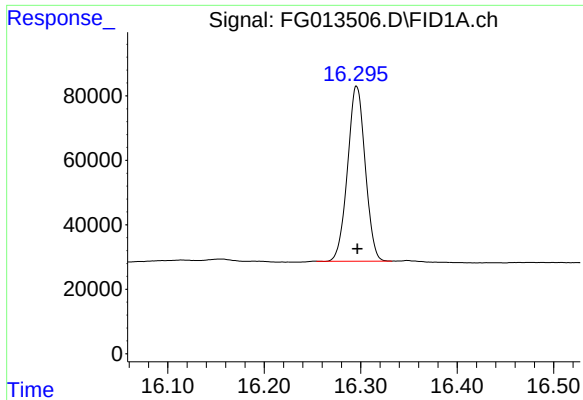
#13 n-Docosane (C22)

R.T.: 14.163 min
Delta R.T.: -0.002 min
Response: 716343
Conc: 5.58 ug/ml



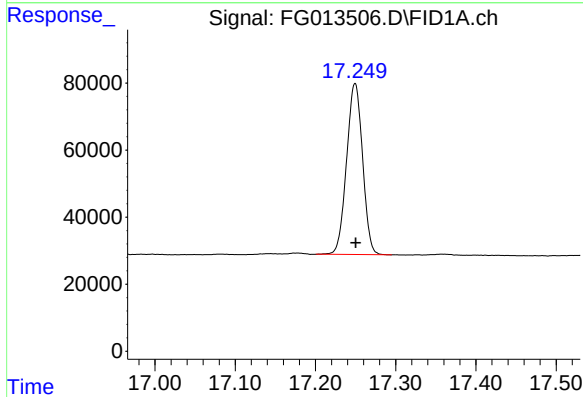
#14 n-Tetracosane (C24)

R.T.: 15.271 min
Delta R.T.: -0.001 min
Response: 716683
Conc: 5.69 ug/ml



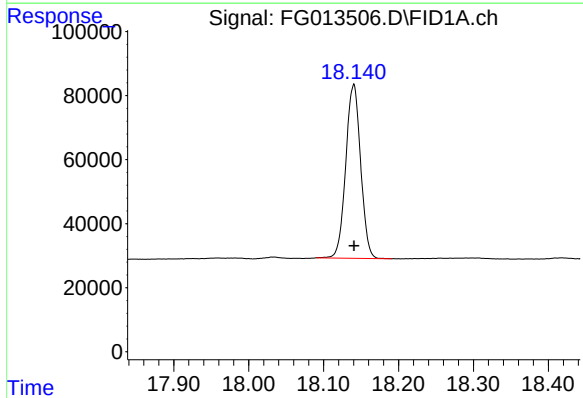
#15 n-Hexacosane (C26)

R.T.: 16.296 min
Delta R.T.: 0.000 min
Response: 690234
Conc: 5.66 ug/ml



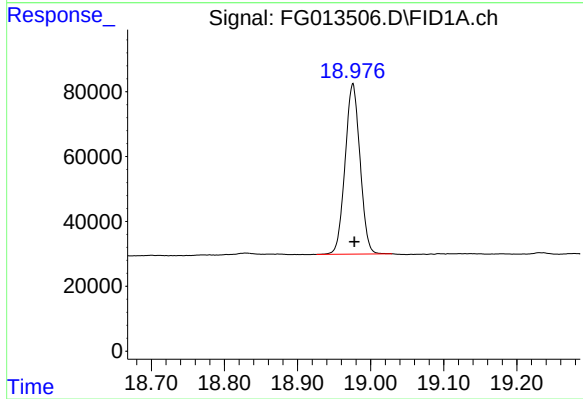
#16 n-Octacosane (C28)

R.T.: 17.249 min
Delta R.T.: 0.000 min
Response: 706642
Conc: 6.01 ug/ml



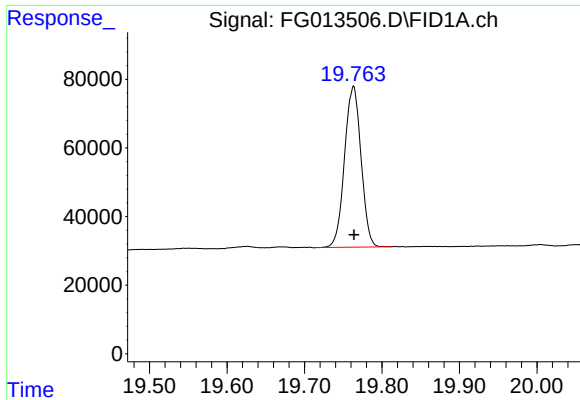
#17 n-Tricontane (C30)

R.T.: 18.140 min
Delta R.T.: 0.000 min
Response: 749404
Conc: 6.39 ug/ml



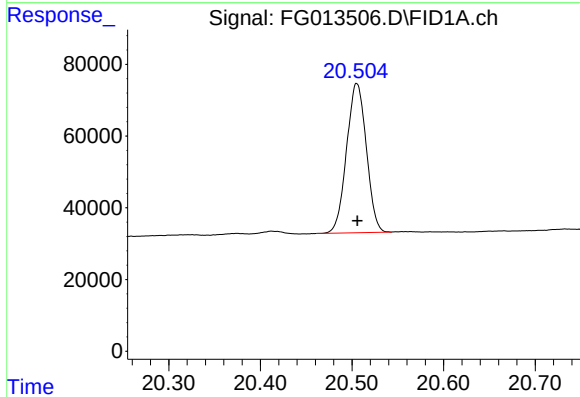
#18 n-Dotriacontane (C32)

R.T.: 18.976 min
Delta R.T.: -0.002 min
Response: 744749
Conc: 6.58 ug/ml



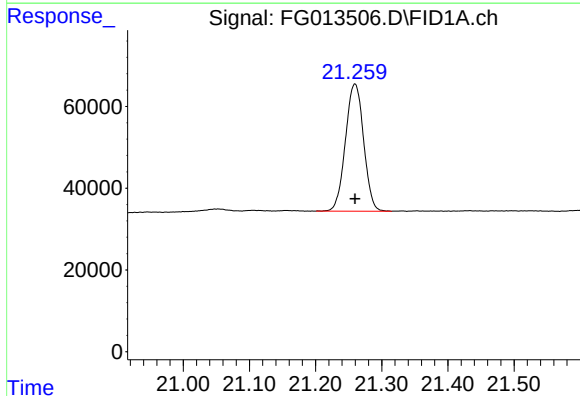
#19 n-Tetratriacontane (C34)

R.T.: 19.763 min
Delta R.T.: 0.000 min
Response: 694193
Conc: 6.39 ug/ml



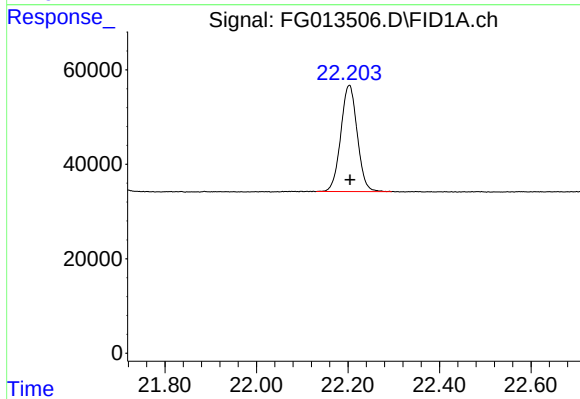
#20 n-Hexatriacontane (C36)

R.T.: 20.505 min
Delta R.T.: 0.000 min
Response: 624875
Conc: 6.01 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.260 min
Delta R.T.: 0.000 min
Response: 593564
Conc: 5.74 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.203 min
Delta R.T.: -0.002 min
Response: 561250
Conc: 5.50 ug/ml