

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF022823AL\
 Data File : FF012249.D
 Signal(s) : FID2B.ch
 Acq On : 28 Feb 2023 09:09
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 01 05:57:10 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 022723.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 28 10:39:05 2023
 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)	10.948	3123077	19.945 ug/ml
Spiked Amount 50.000		Recovery =	39.89%
12) S 1-chlorooctadecane (S...	12.380	2456519	20.092 ug/ml
Spiked Amount 50.000		Recovery =	40.18%
Target Compounds			
1) T n-Nonane (C9)	2.797	2635373	19.948 ug/ml
2) T n-Decane (C10)	3.809	2599683	20.000 ug/ml
3) T A~Naphthalene (C11.7)	5.377	3012226	20.047 ug/ml
4) T n-Dodecane (C12)	5.798	2663358	20.139 ug/ml
5) T A~2-methylnaphthalene...	6.427	2854275	20.055 ug/ml
6) T n-Tetradecane (C14)	7.588	2693805	20.052 ug/ml
7) T n-Hexadecane (C16)	9.187	2795698	19.971 ug/ml
8) T n-Octadecane (C18)	10.627	2877664	19.920 ug/ml
10) T n-Eicosane (C20)	11.935	2843276	19.819 ug/ml
11) T n-Heneicosane (C21)	12.546	2866974	19.869 ug/ml
13) T n-Docosane (C22)	13.131	2859610	19.588 ug/ml
14) T n-Tetracosane (C24)	14.233	2865850	19.069 ug/ml
15) T n-Hexacosane (C26)	15.253	2784753	18.675 ug/ml
16) T n-Octacosane (C28)	16.202	2709322	18.264 ug/ml
17) T n-Tricontane (C30)	17.088	2620309	18.192 ug/ml
18) T n-Dotriacontane (C32)	17.921	2546118	18.413 ug/ml
19) T n-Tetratriacontane (C34)	18.703	2404461	19.262 ug/ml
20) T n-Hexatriacontane (C36)	19.443	2252896	19.269 ug/ml
21) T n-Octatriacontane (C38)	20.178	2169444	19.783 ug/ml
22) T n-Tetracontane (C40)	21.090	2130847	19.490 ug/ml

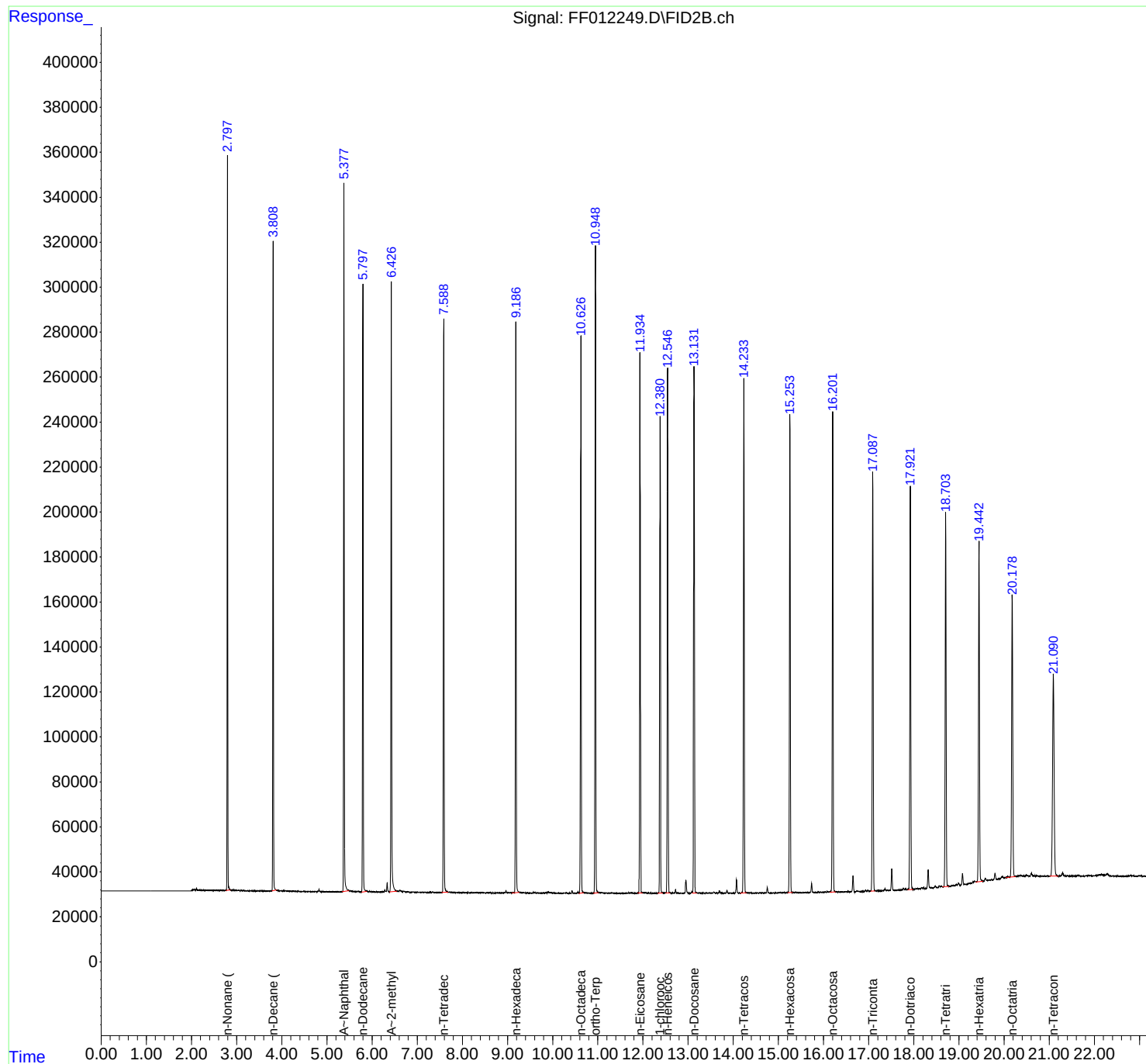
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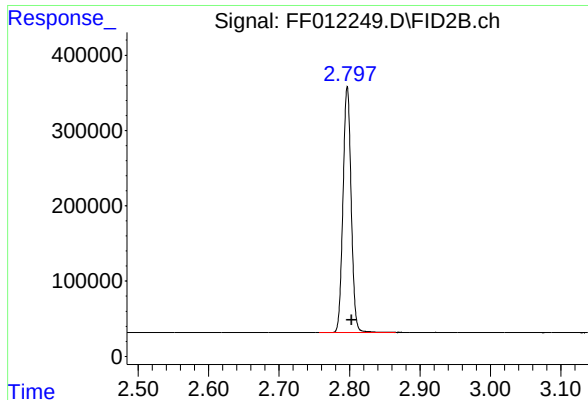
(m)=manual int.

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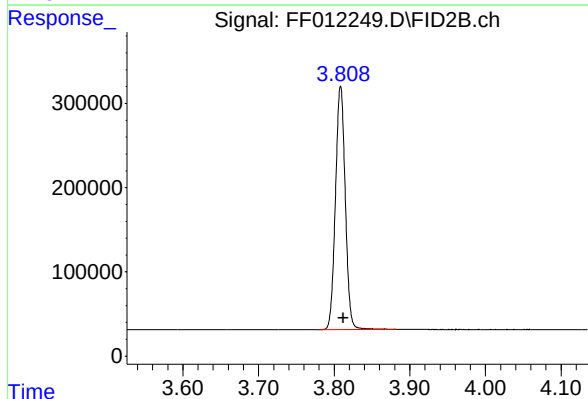
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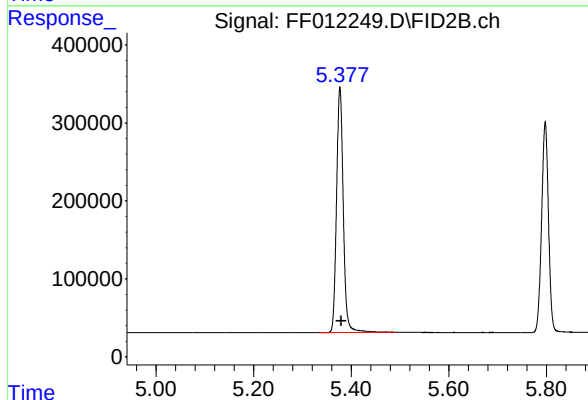
#1 n-Nonane (C9)

R.T.: 2.797 min
Delta R.T.: -0.006 min
Response: 2635373
Conc: 19.95 ug/ml



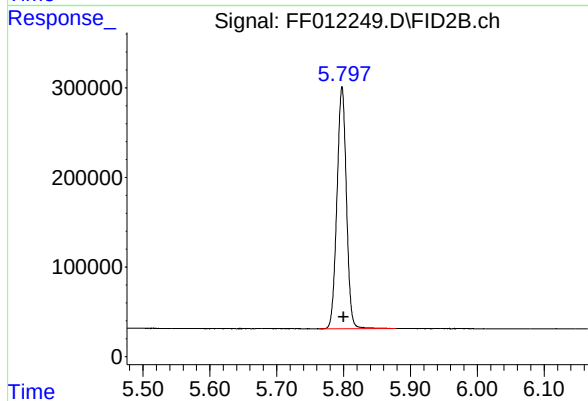
#2 n-Decane (C10)

R.T.: 3.809 min
Delta R.T.: -0.004 min
Response: 2599683
Conc: 20.00 ug/ml



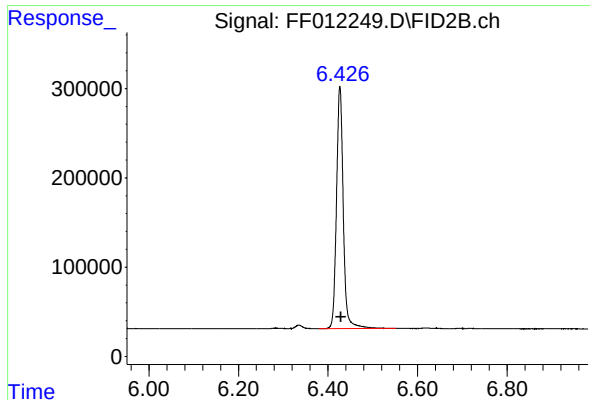
#3 A~Naphthalene (C11.7)

R.T.: 5.377 min
Delta R.T.: -0.003 min
Response: 3012226
Conc: 20.05 ug/ml



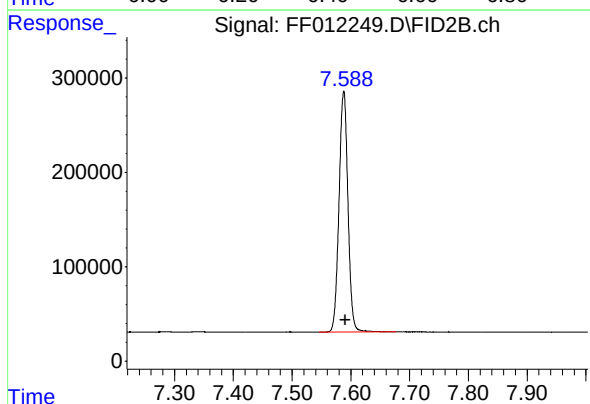
#4 n-Dodecane (C12)

R.T.: 5.798 min
Delta R.T.: -0.002 min
Response: 2663358
Conc: 20.14 ug/ml



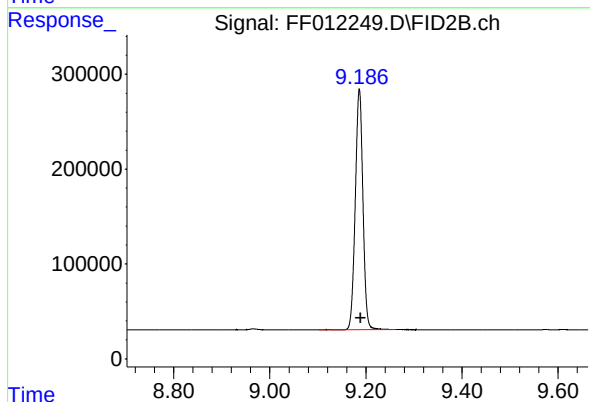
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.427 min
Delta R.T.: -0.002 min
Response: 2854275
Conc: 20.06 ug/ml



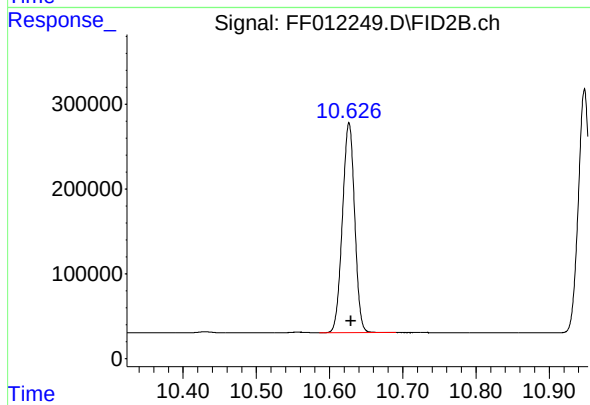
#6 n-Tetradecane (C14)

R.T.: 7.588 min
Delta R.T.: -0.003 min
Response: 2693805
Conc: 20.05 ug/ml



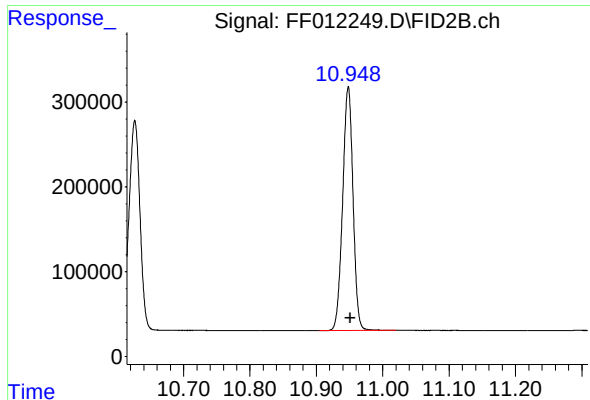
#7 n-Hexadecane (C16)

R.T.: 9.187 min
Delta R.T.: -0.003 min
Response: 2795698
Conc: 19.97 ug/ml



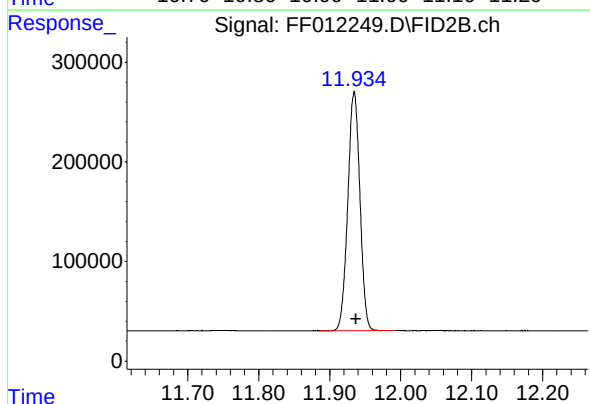
#8 n-Octadecane (C18)

R.T.: 10.627 min
Delta R.T.: -0.003 min
Response: 2877664
Conc: 19.92 ug/ml



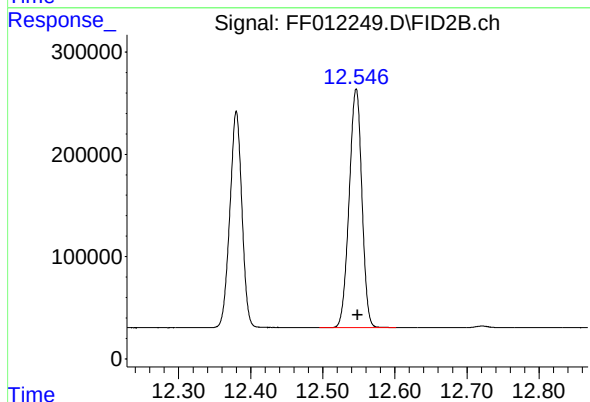
#9 ortho-Terphenyl (SURR)

R.T.: 10.948 min
Delta R.T.: -0.003 min
Response: 3123077
Conc: 19.95 ug/ml



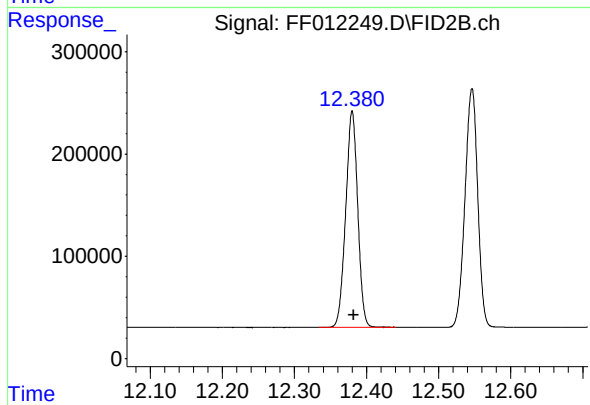
#10 n-Eicosane (C20)

R.T.: 11.935 min
Delta R.T.: -0.002 min
Response: 2843276
Conc: 19.82 ug/ml



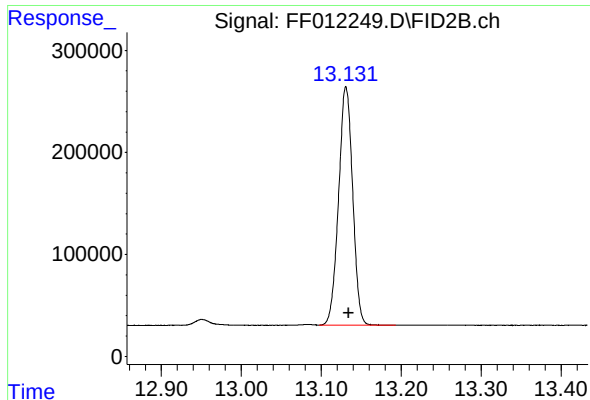
#11 n-Heneicosane (C21)

R.T.: 12.546 min
Delta R.T.: -0.002 min
Response: 2866974
Conc: 19.87 ug/ml



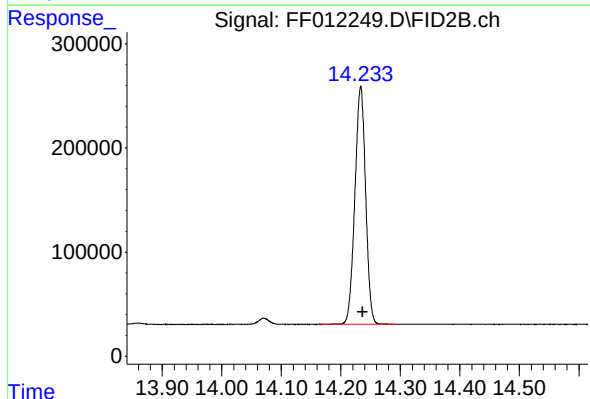
#12 1-chlorooctadecane (SURR)

R.T.: 12.380 min
Delta R.T.: -0.002 min
Response: 2456519
Conc: 20.09 ug/ml



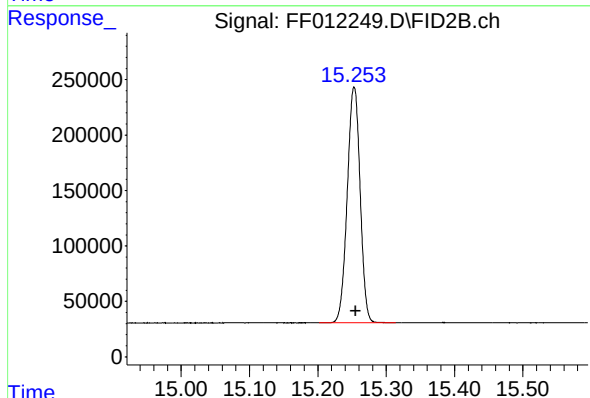
#13 n-Docosane (C22)

R.T.: 13.131 min
Delta R.T.: -0.003 min
Response: 2859610
Conc: 19.59 ug/ml



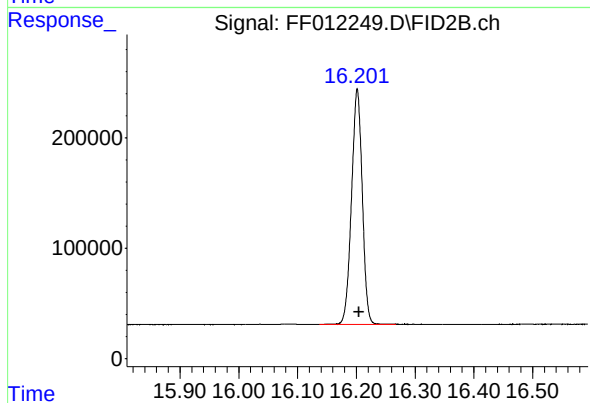
#14 n-Tetracosane (C24)

R.T.: 14.233 min
Delta R.T.: -0.003 min
Response: 2865850
Conc: 19.07 ug/ml



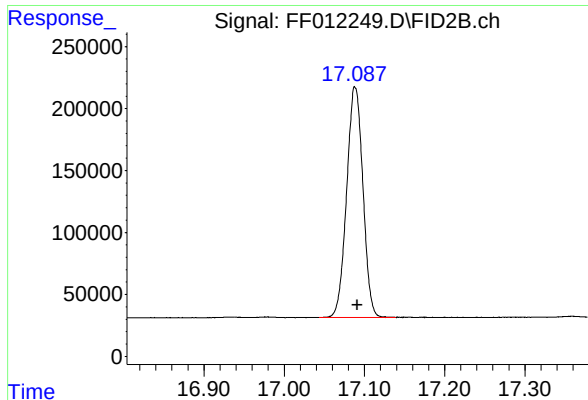
#15 n-Hexacosane (C26)

R.T.: 15.253 min
Delta R.T.: -0.002 min
Response: 2784753
Conc: 18.67 ug/ml



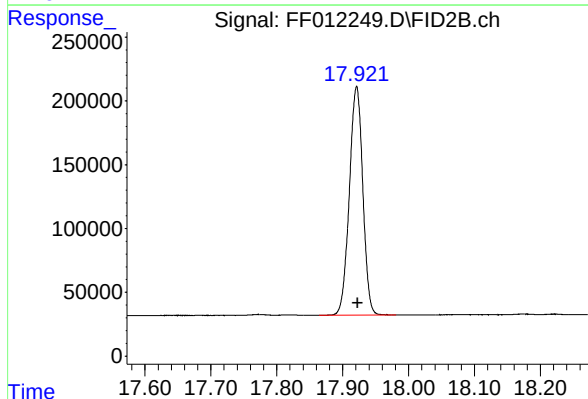
#16 n-Octacosane (C28)

R.T.: 16.202 min
Delta R.T.: -0.003 min
Response: 2709322
Conc: 18.26 ug/ml



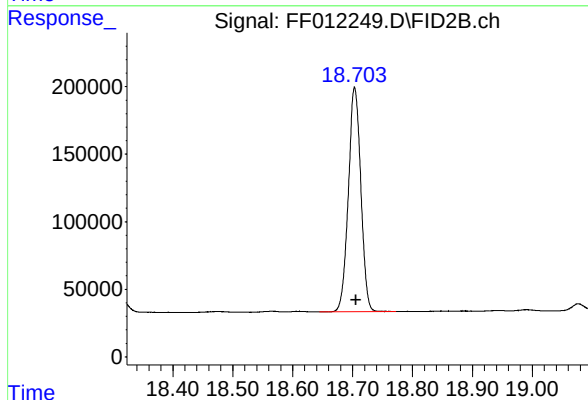
#17 n-Tricontane (C30)

R.T.: 17.088 min
Delta R.T.: -0.003 min
Response: 2620309
Conc: 18.19 ug/ml



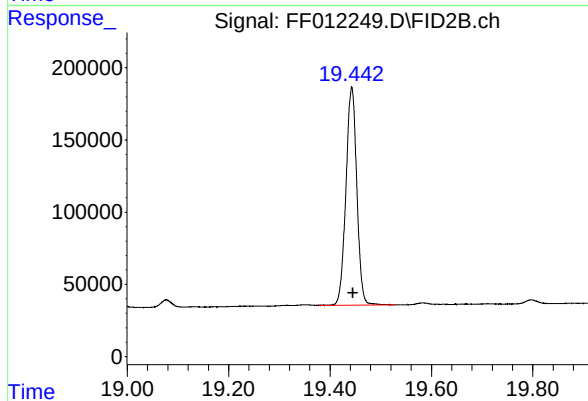
#18 n-Dotriacontane (C32)

R.T.: 17.921 min
Delta R.T.: -0.001 min
Response: 2546118
Conc: 18.41 ug/ml



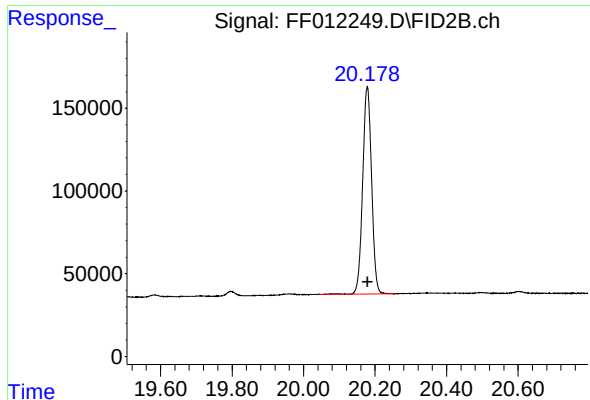
#19 n-Tetratriacontane (C34)

R.T.: 18.703 min
Delta R.T.: -0.002 min
Response: 2404461
Conc: 19.26 ug/ml



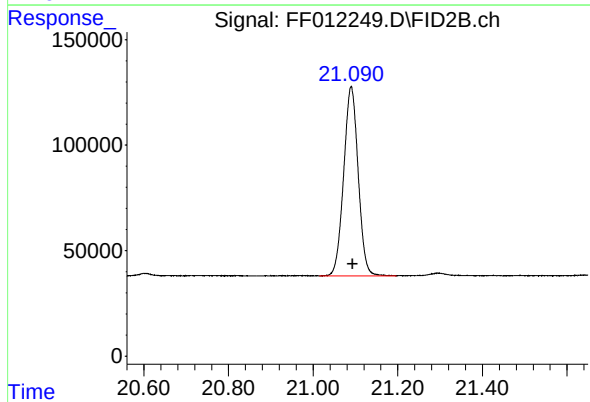
#20 n-Hexatriacontane (C36)

R.T.: 19.443 min
Delta R.T.: -0.002 min
Response: 2252896
Conc: 19.27 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.178 min
Delta R.T.: -0.002 min
Response: 2169444
Conc: 19.78 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.090 min
Delta R.T.: -0.003 min
Response: 2130847
Conc: 19.49 ug/ml