

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062422AL\
 Data File : FC060451.D
 Signal(s) : FID1A.ch
 Acq On : 25 Jun 2022 03:07
 Operator : YP/AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jun 25 04:10:33 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 062422.M
 Quant Title : GC Extractables
 QLast Update : Sat Jun 25 04:09:11 2022
 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)	10.645	964413	5.184 ug/ml
Spiked Amount 50.000		Recovery =	10.37%
12) S 1-chlorooctadecane (S...	12.013	786485	5.261 ug/ml
Spiked Amount 50.000		Recovery =	10.52%
Target Compounds			
1) T n-Nonane (C9)	2.633	773387	4.927 ug/ml
2) T n-Decane (C10)	3.627	763044	4.894 ug/ml
3) T A~Naphthalene (C11.7)	5.178	757773	4.438 ug/ml
4) T n-Dodecane (C12)	5.575	828080	5.058 ug/ml
5) T A~2-methylnaphthalene...	6.204	714845	4.087 ug/ml
6) T n-Tetradecane (C14)	7.326	862330	5.152 ug/ml
7) T n-Hexadecane (C16)	8.889	897281	5.249 ug/ml
8) T n-Octadecane (C18)	10.297	916654	5.270 ug/ml
10) T n-Eicosane (C20)	11.576	913958	5.273 ug/ml
11) T n-Heneicosane (C21)	12.174	915526	5.295 ug/ml
13) T n-Docosane (C22)	12.747	916595	5.219 ug/ml
14) T n-Tetracosane (C24)	13.825	894302	5.117 ug/ml
15) T n-Hexacosane (C26)	14.824	884794	5.157 ug/ml
16) T n-Octacosane (C28)	15.752	841689	4.998 ug/ml
17) T n-Tricontane (C30)	16.619	806651	4.934 ug/ml
18) T n-Dotriacontane (C32)	17.431	799354	5.232 ug/ml
19) T n-Tetratriacontane (C34)	18.197	682180	5.119 ug/ml
20) T n-Hexatriacontane (C36)	18.919	588714	4.997 ug/ml
21) T n-Octatriacontane (C38)	19.602	582439	5.196 ug/ml
22) T n-Tetracontane (C40)	20.251	606125	5.300 ug/ml

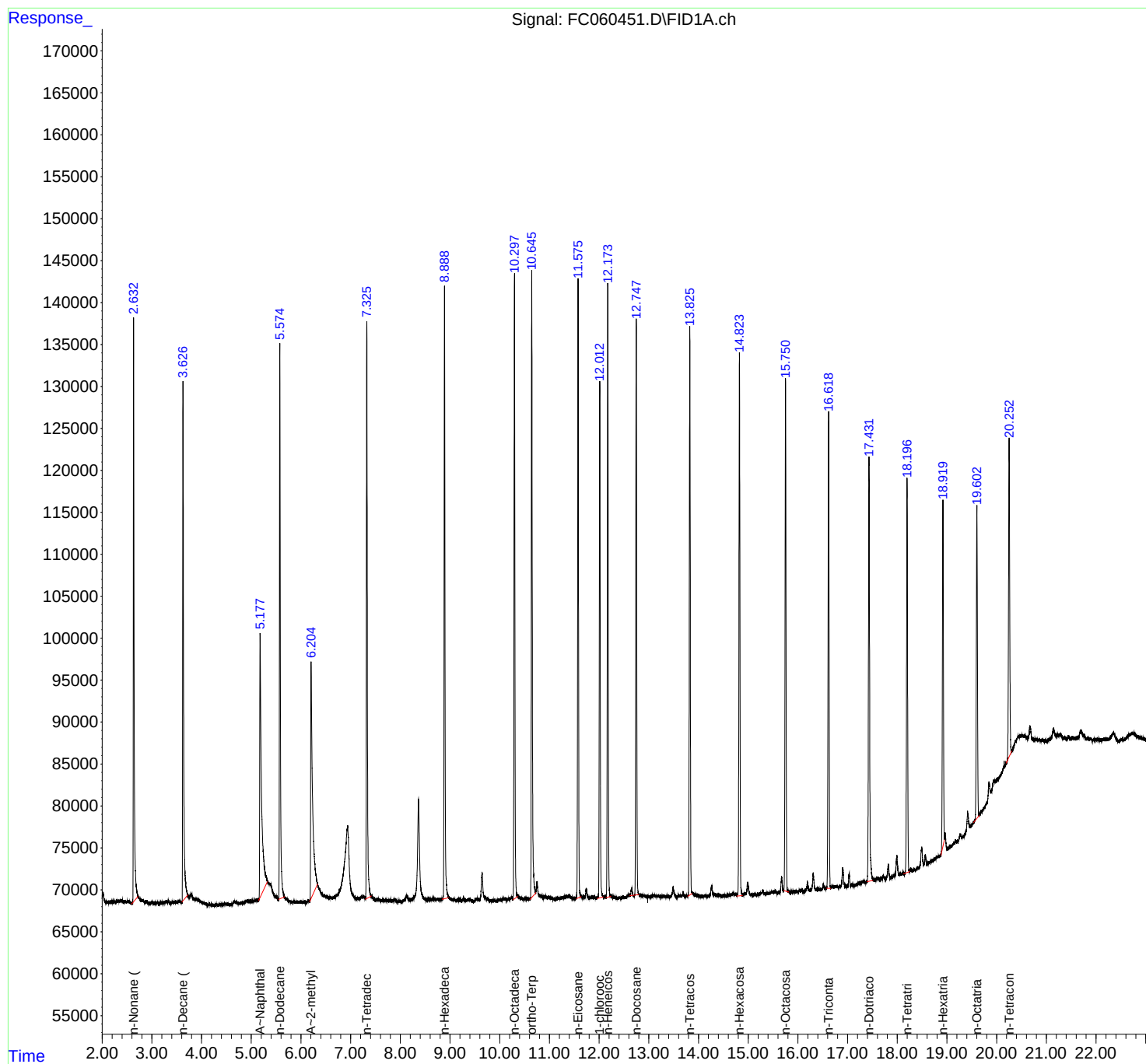
(f)=RT Delta > 1/2 Window

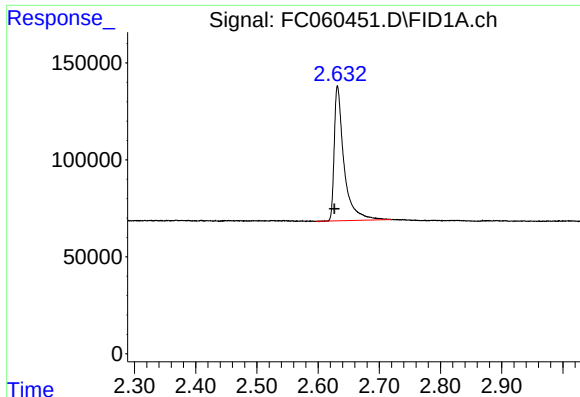
(m)=manual int.

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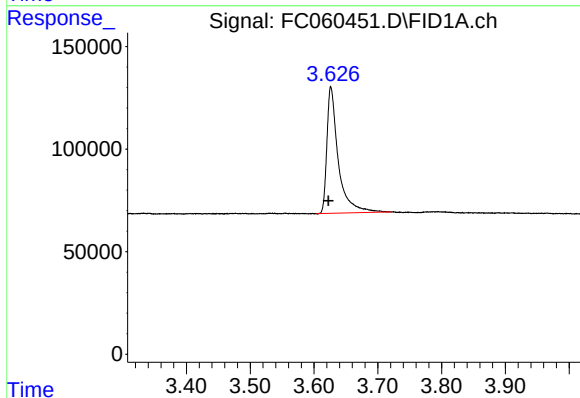
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Signal Info : 20M x 0.18mm x 0.18um





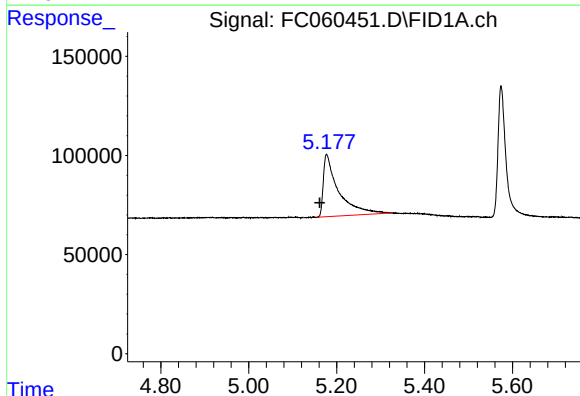
#1 n-Nonane (C9)

R.T.: 2.633 min
Delta R.T.: 0.006 min
Response: 773387
Conc: 4.93 ug/ml



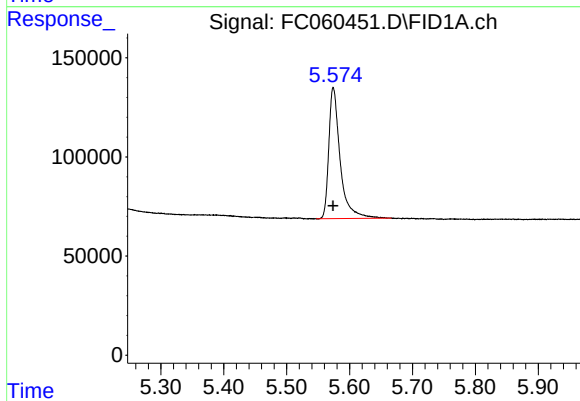
#2 n-Decane (C10)

R.T.: 3.627 min
Delta R.T.: 0.005 min
Response: 763044
Conc: 4.89 ug/ml



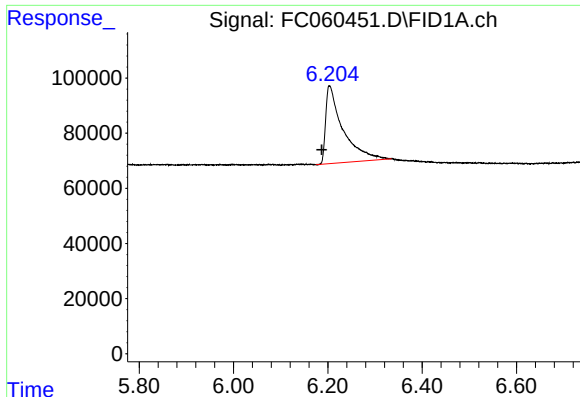
#3 A~Naphthalene (C11.7)

R.T.: 5.178 min
Delta R.T.: 0.016 min
Response: 757773
Conc: 4.44 ug/ml



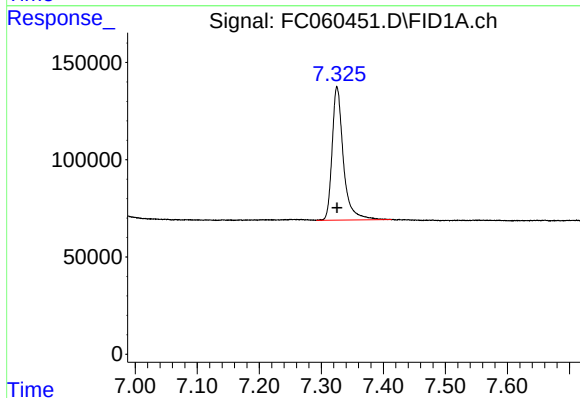
#4 n-Dodecane (C12)

R.T.: 5.575 min
Delta R.T.: 0.000 min
Response: 828080
Conc: 5.06 ug/ml



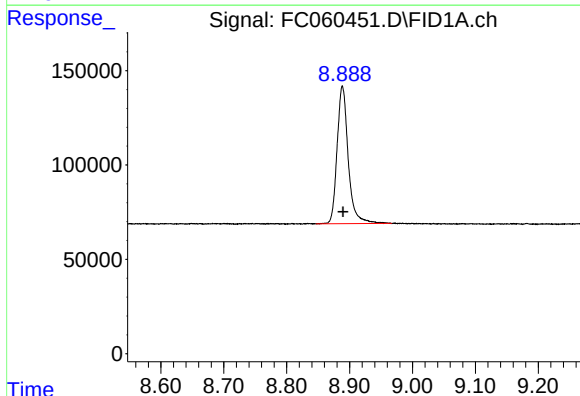
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.204 min
Delta R.T.: 0.018 min
Response: 714845
Conc: 4.09 ug/ml



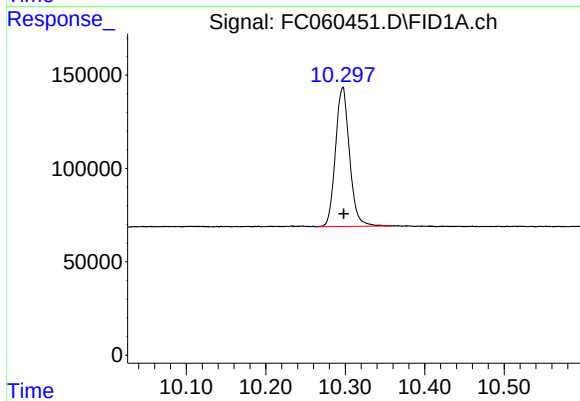
#6 n-Tetradecane (C14)

R.T.: 7.326 min
Delta R.T.: 0.000 min
Response: 862330
Conc: 5.15 ug/ml



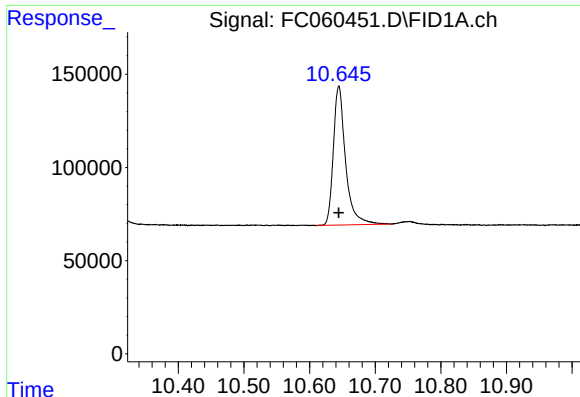
#7 n-Hexadecane (C16)

R.T.: 8.889 min
Delta R.T.: 0.000 min
Response: 897281
Conc: 5.25 ug/ml



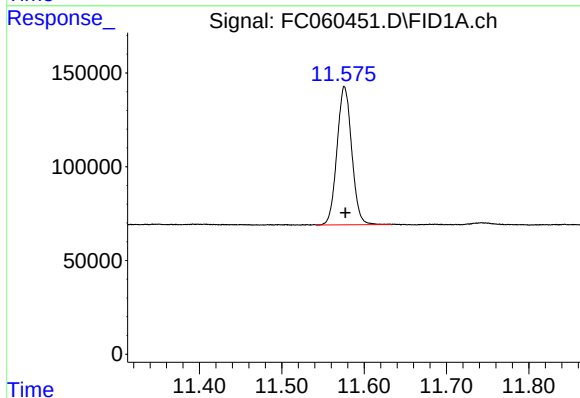
#8 n-Octadecane (C18)

R.T.: 10.297 min
Delta R.T.: -0.002 min
Response: 916654
Conc: 5.27 ug/ml



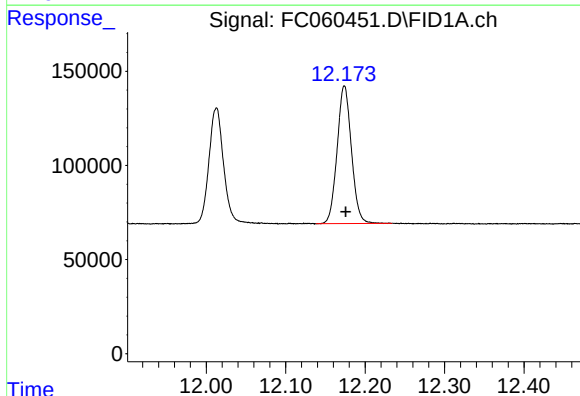
#9 ortho-Terphenyl (SURR)

R.T.: 10.645 min
Delta R.T.: 0.000 min
Response: 964413
Conc: 5.18 ug/ml



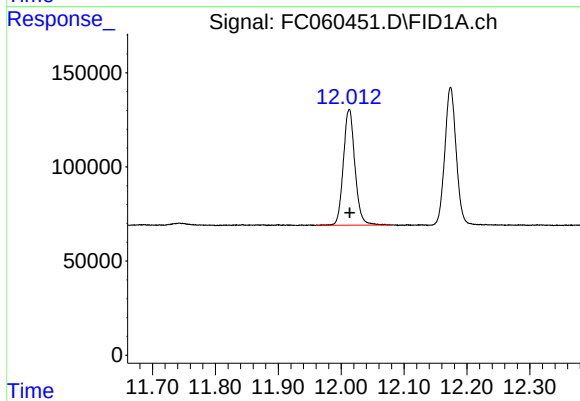
#10 n-Eicosane (C20)

R.T.: 11.576 min
Delta R.T.: -0.001 min
Response: 913958
Conc: 5.27 ug/ml



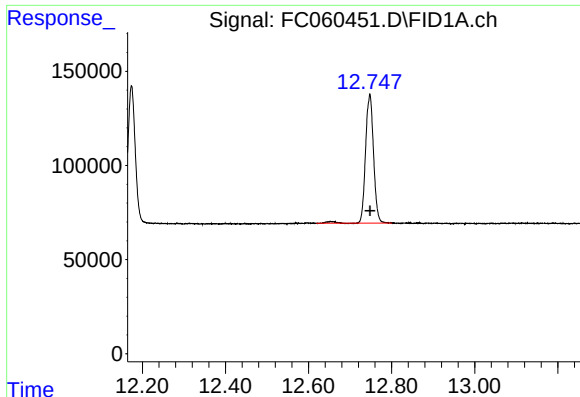
#11 n-Heneicosane (C21)

R.T.: 12.174 min
Delta R.T.: -0.002 min
Response: 915526
Conc: 5.30 ug/ml



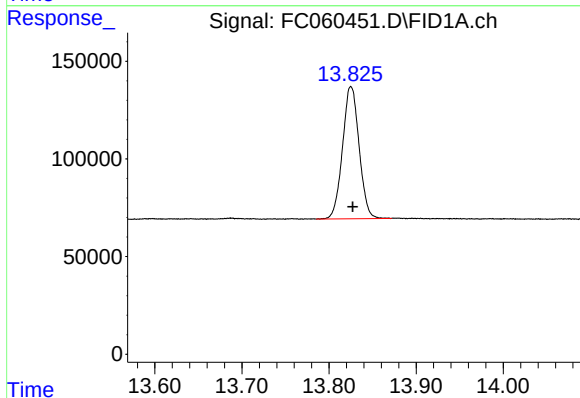
#12 1-chlorooctadecane (SURR)

R.T.: 12.013 min
Delta R.T.: -0.001 min
Response: 786485
Conc: 5.26 ug/ml



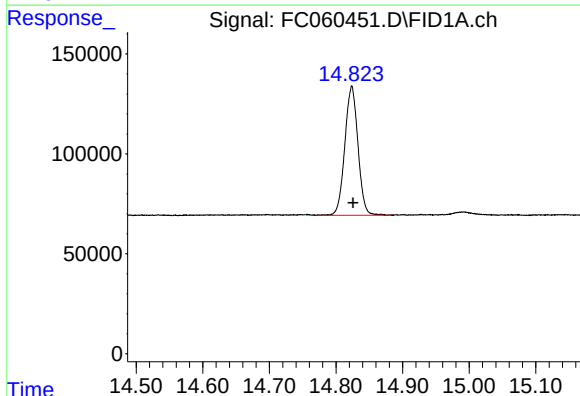
#13 n-Docosane (C22)

R.T.: 12.747 min
Delta R.T.: 0.000 min
Response: 916595
Conc: 5.22 ug/ml



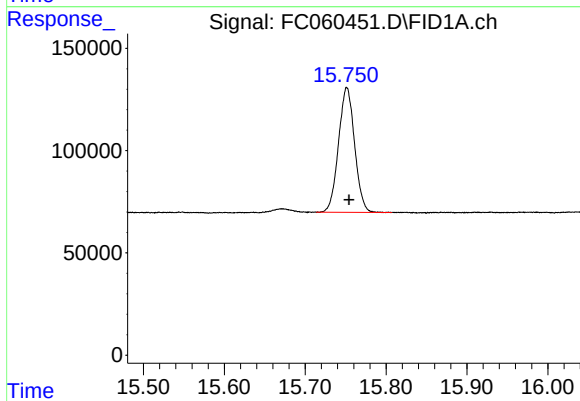
#14 n-Tetracosane (C24)

R.T.: 13.825 min
Delta R.T.: -0.002 min
Response: 894302
Conc: 5.12 ug/ml



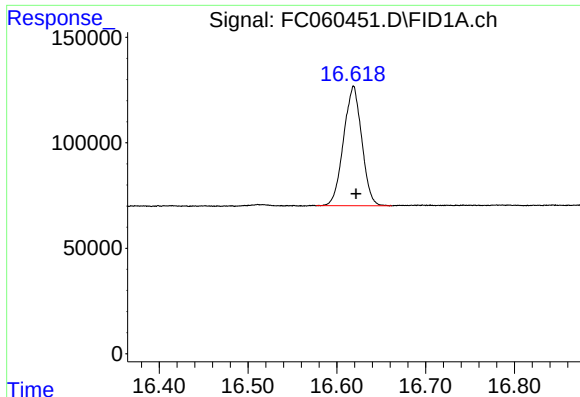
#15 n-Hexacosane (C26)

R.T.: 14.824 min
Delta R.T.: -0.002 min
Response: 884794
Conc: 5.16 ug/ml



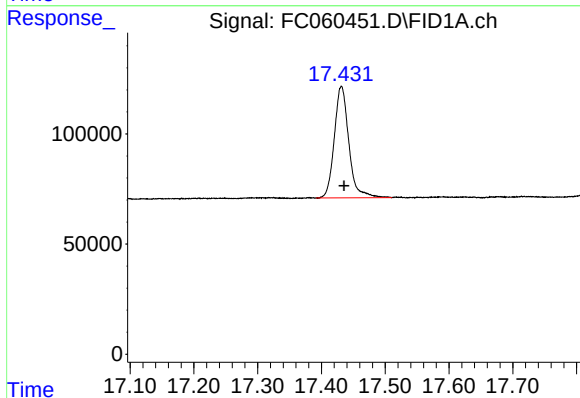
#16 n-Octacosane (C28)

R.T.: 15.752 min
Delta R.T.: -0.003 min
Response: 841689
Conc: 5.00 ug/ml



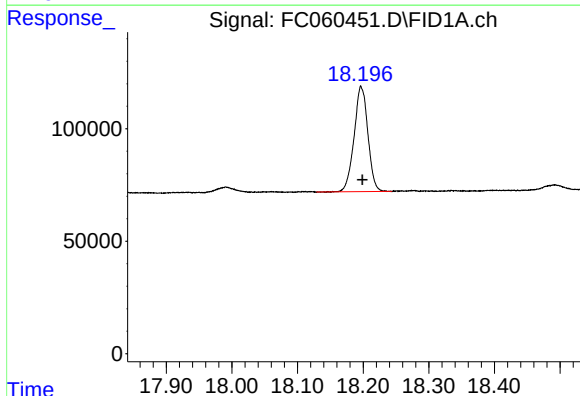
#17 n-Tricontane (C30)

R.T.: 16.619 min
Delta R.T.: -0.003 min
Response: 806651
Conc: 4.93 ug/ml



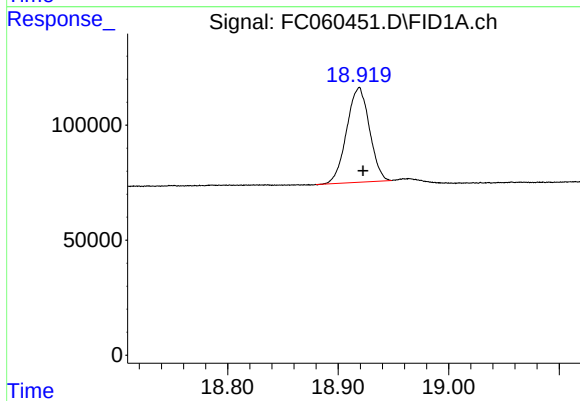
#18 n-Dotriacontane (C32)

R.T.: 17.431 min
Delta R.T.: -0.004 min
Response: 799354
Conc: 5.23 ug/ml



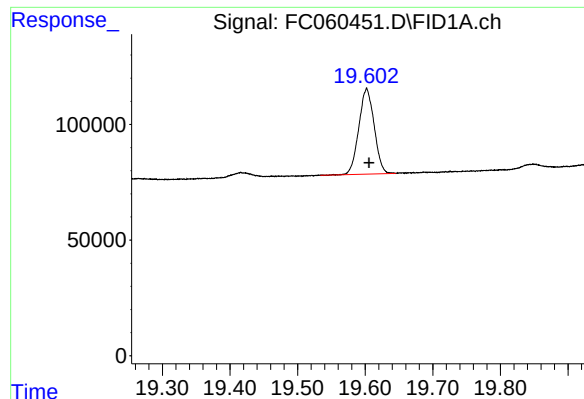
#19 n-Tetratriacontane (C34)

R.T.: 18.197 min
Delta R.T.: -0.002 min
Response: 682180
Conc: 5.12 ug/ml



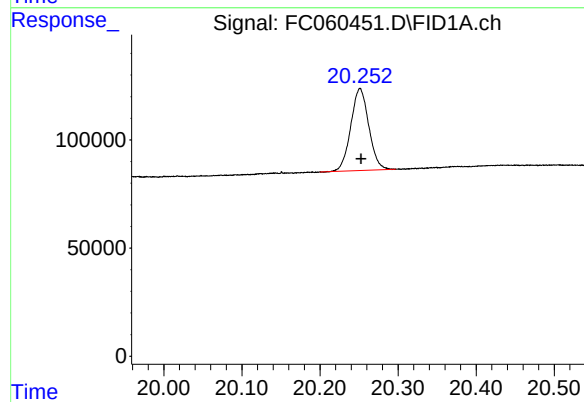
#20 n-Hexatriacontane (C36)

R.T.: 18.919 min
Delta R.T.: -0.004 min
Response: 588714
Conc: 5.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.602 min
Delta R.T.: -0.003 min
Response: 582439
Conc: 5.20 ug/ml



#22 n-Tetracontane (C40)

R.T.: 20.251 min
Delta R.T.: -0.001 min
Response: 606125
Conc: 5.30 ug/ml