

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC071222AL\
 Data File : FC060695.D
 Signal(s) : FID1A.ch
 Acq On : 12 Jul 2022 16:52
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Jul 13 01:38:08 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 062422.M
 Quant Title : GC Extractables
 QLast Update : Sat Jun 25 04:15:44 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)	10.638	3311947	18.073 ug/ml
Spiked Amount 50.000		Recovery =	36.15%
12) S 1-chlorooctadecane (S...	12.005	2620649	17.780 ug/ml
Spiked Amount 50.000		Recovery =	35.56%
Target Compounds			
1) T n-Nonane (C9)	2.615	3000229	19.558 ug/ml
2) T n-Decane (C10)	3.615	3070009	20.102 ug/ml
3) T A~Naphthalene (C11.7)	5.157	3310249	19.799 ug/ml
4) T n-Dodecane (C12)	5.567	3221822	19.935 ug/ml
5) T A~2-methylnaphthalene...	6.182	3316857	19.512 ug/ml
6) T n-Tetradecane (C14)	7.319	3224970	19.522 ug/ml
7) T n-Hexadecane (C16)	8.882	3233435	19.133 ug/ml
8) T n-Octadecane (C18)	10.290	3205790	18.634 ug/ml
10) T n-Eicosane (C20)	11.569	3092944	18.122 ug/ml
11) T n-Heneicosane (C21)	12.167	3046028	17.865 ug/ml
13) T n-Docosane (C22)	12.740	2992939	17.558 ug/ml
14) T n-Tetracosane (C24)	13.816	2893861	17.236 ug/ml
15) T n-Hexacosane (C26)	14.813	2789429	16.975 ug/ml
16) T n-Octacosane (C28)	15.741	2748814	17.323 ug/ml
17) T n-Tricontane (C30)	16.608	2787798	18.314 ug/ml
18) T n-Dotriacontane (C32)	17.421	2737870	18.834 ug/ml
19) T n-Tetratriacontane (C34)	18.186	2561268	20.166 ug/ml
20) T n-Hexatriacontane (C36)	18.906	2424940	21.607 ug/ml
21) T n-Octatriacontane (C38)	19.591	2317063	21.167 ug/mlm
22) T n-Tetracontane (C40)	20.239	2379817	21.072 ug/ml

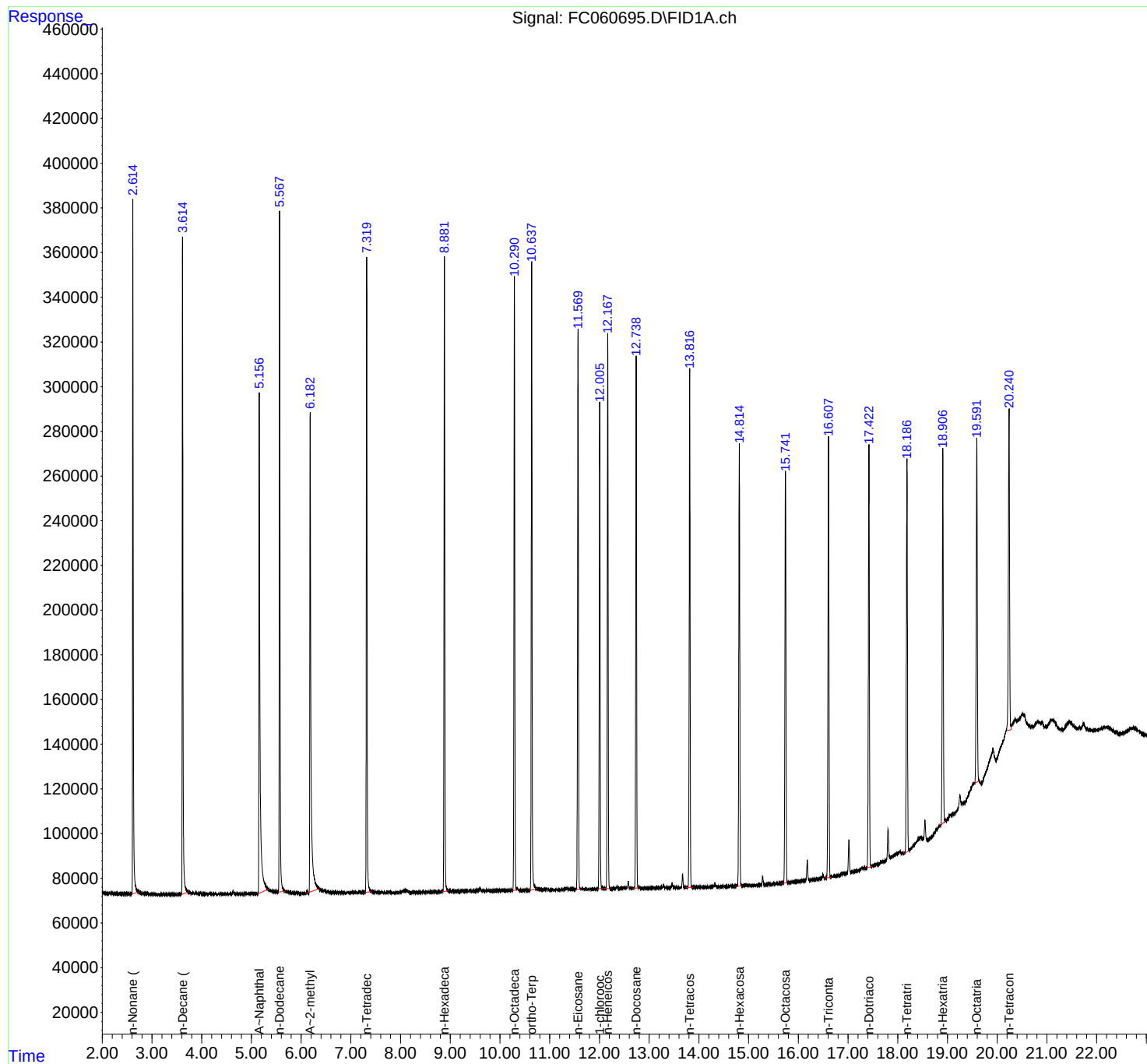
(f)=RT Delta > 1/2 Window

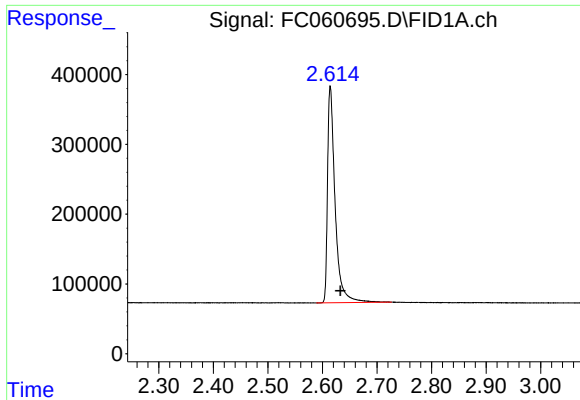
(m)=manual int.

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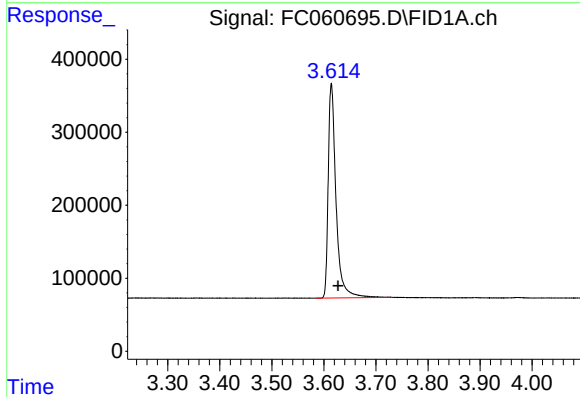
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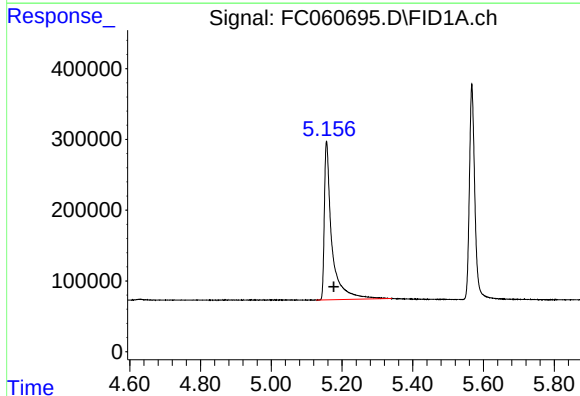
#1 n-Nonane (C9)

R.T.: 2.615 min
Delta R.T.: -0.018 min
Response: 3000229
Conc: 19.56 ug/ml



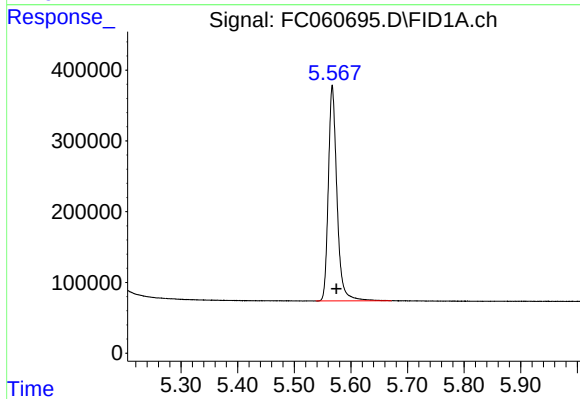
#2 n-Decane (C10)

R.T.: 3.615 min
Delta R.T.: -0.012 min
Response: 3070009
Conc: 20.10 ug/ml



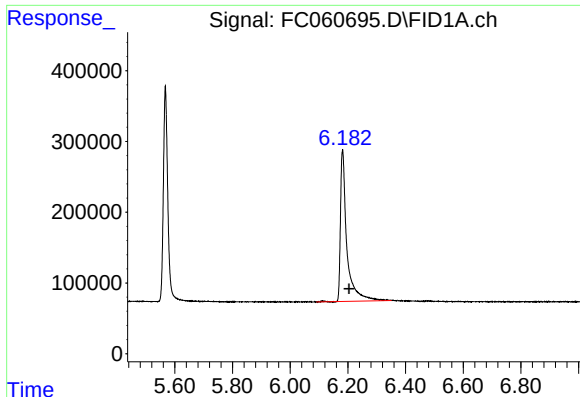
#3 A~Naphthalene (C11.7)

R.T.: 5.157 min
Delta R.T.: -0.020 min
Response: 3310249
Conc: 19.80 ug/ml



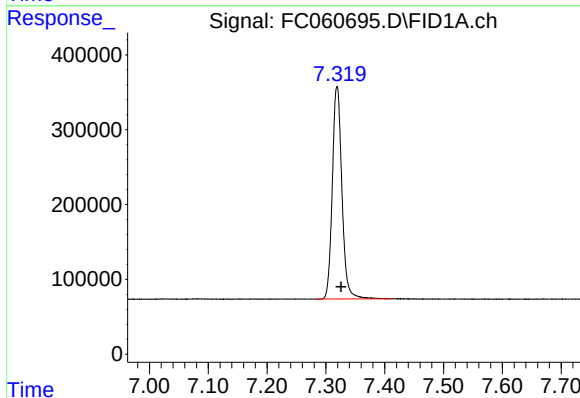
#4 n-Dodecane (C12)

R.T.: 5.567 min
Delta R.T.: -0.007 min
Response: 3221822
Conc: 19.94 ug/ml



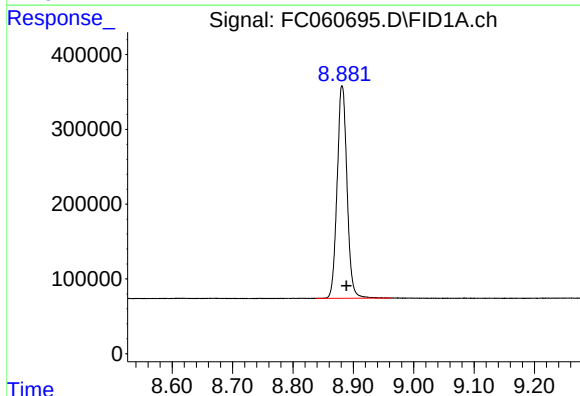
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.182 min
Delta R.T.: -0.022 min
Response: 3316857
Conc: 19.51 ug/ml



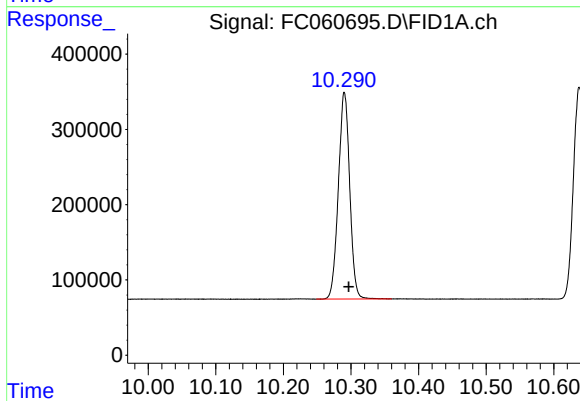
#6 n-Tetradecane (C14)

R.T.: 7.319 min
Delta R.T.: -0.007 min
Response: 3224970
Conc: 19.52 ug/ml



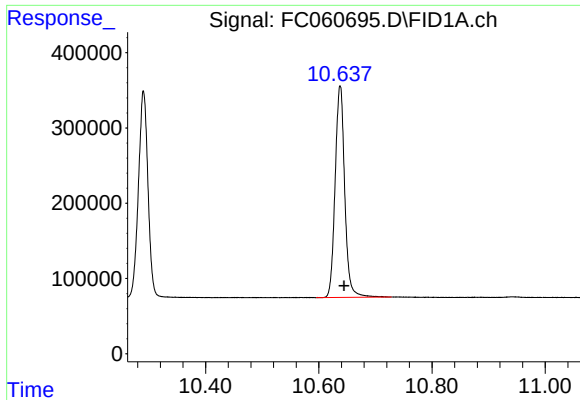
#7 n-Hexadecane (C16)

R.T.: 8.882 min
Delta R.T.: -0.007 min
Response: 3233435
Conc: 19.13 ug/ml



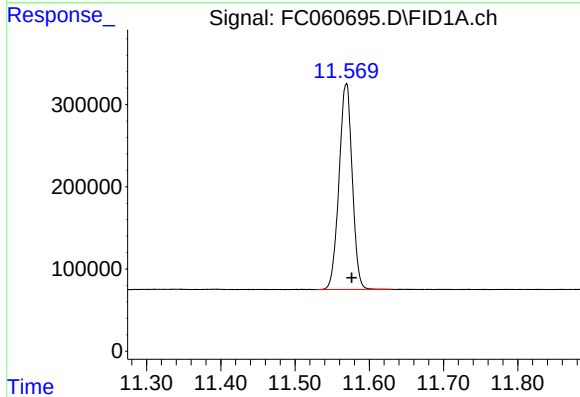
#8 n-Octadecane (C18)

R.T.: 10.290 min
Delta R.T.: -0.006 min
Response: 3205790
Conc: 18.63 ug/ml



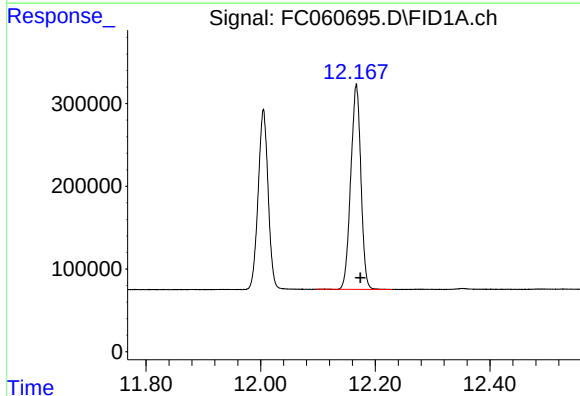
#9 ortho-Terphenyl (SURR)

R.T.: 10.638 min
Delta R.T.: -0.007 min
Response: 3311947
Conc: 18.07 ug/ml



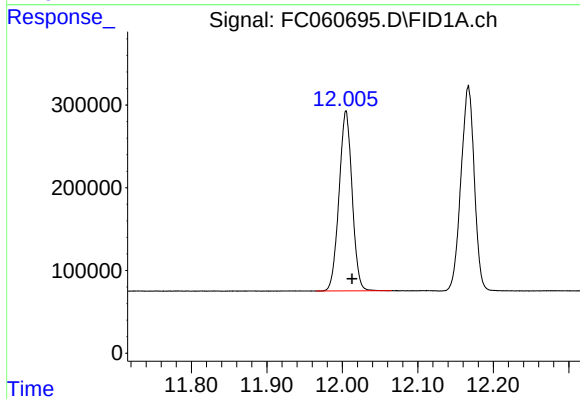
#10 n-Eicosane (C20)

R.T.: 11.569 min
Delta R.T.: -0.007 min
Response: 3092944
Conc: 18.12 ug/ml



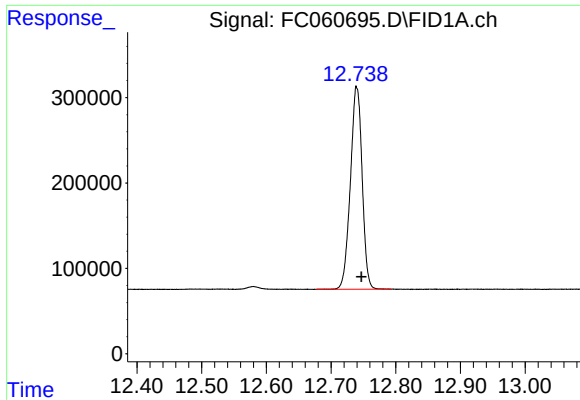
#11 n-Heneicosane (C21)

R.T.: 12.167 min
Delta R.T.: -0.007 min
Response: 3046028
Conc: 17.87 ug/ml



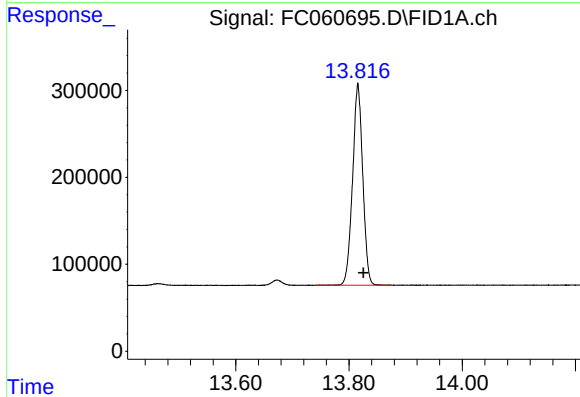
#12 1-chlorooctadecane (SURR)

R.T.: 12.005 min
Delta R.T.: -0.008 min
Response: 2620649
Conc: 17.78 ug/ml



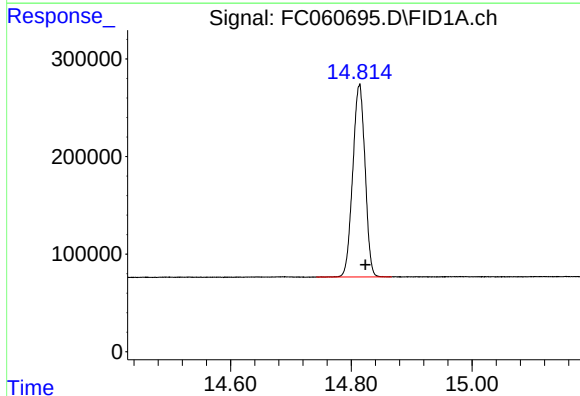
#13 n-Docosane (C22)

R.T.: 12.740 min
Delta R.T.: -0.007 min
Response: 2992939
Conc: 17.56 ug/ml



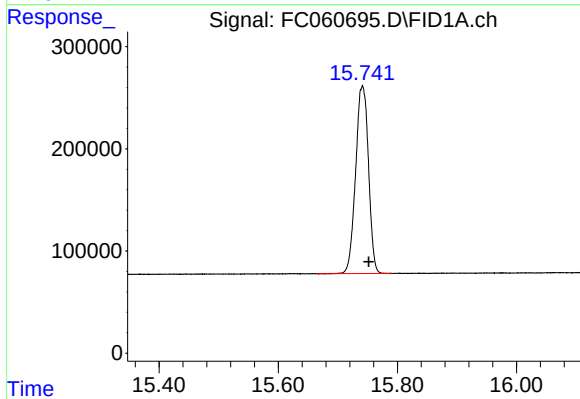
#14 n-Tetracosane (C24)

R.T.: 13.816 min
Delta R.T.: -0.010 min
Response: 2893861
Conc: 17.24 ug/ml



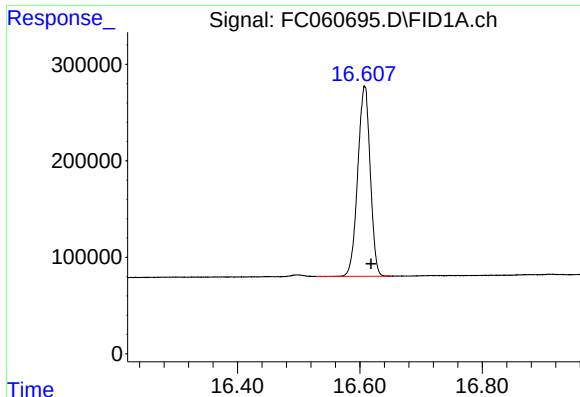
#15 n-Hexacosane (C26)

R.T.: 14.813 min
Delta R.T.: -0.010 min
Response: 2789429
Conc: 16.97 ug/ml



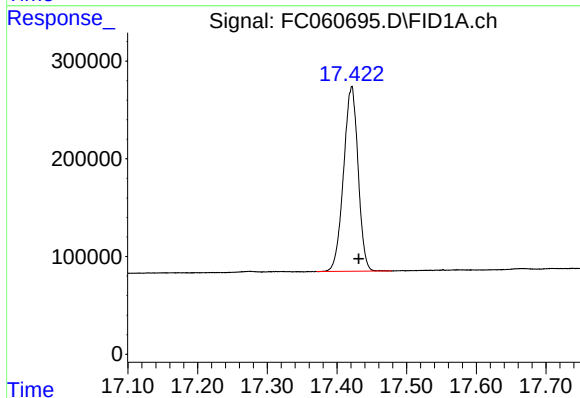
#16 n-Octacosane (C28)

R.T.: 15.741 min
Delta R.T.: -0.010 min
Response: 2748814
Conc: 17.32 ug/ml



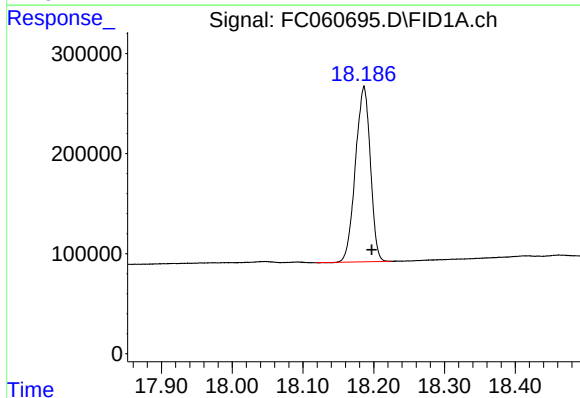
#17 n-Tricontane (C30)

R.T.: 16.608 min
Delta R.T.: -0.011 min
Response: 2787798
Conc: 18.31 ug/ml



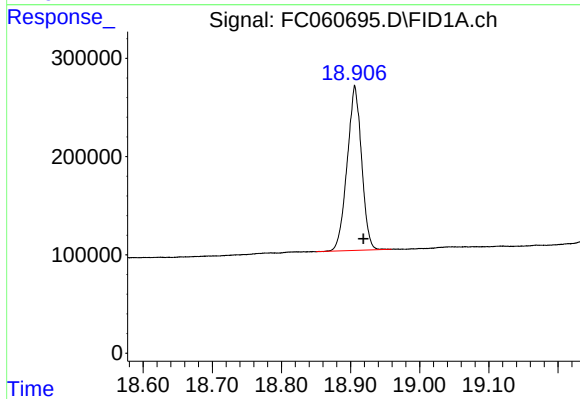
#18 n-Dotriacontane (C32)

R.T.: 17.421 min
Delta R.T.: -0.010 min
Response: 2737870
Conc: 18.83 ug/ml



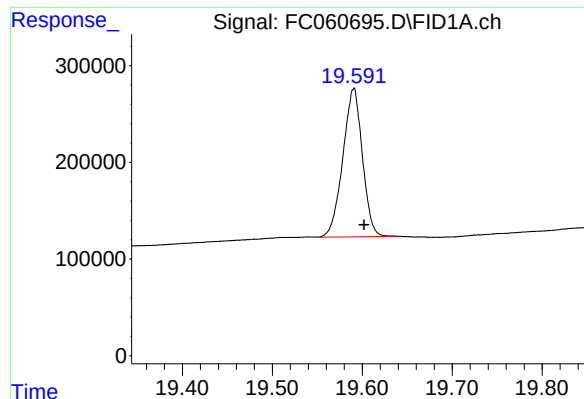
#19 n-Tetratriacontane (C34)

R.T.: 18.186 min
Delta R.T.: -0.011 min
Response: 2561268
Conc: 20.17 ug/ml



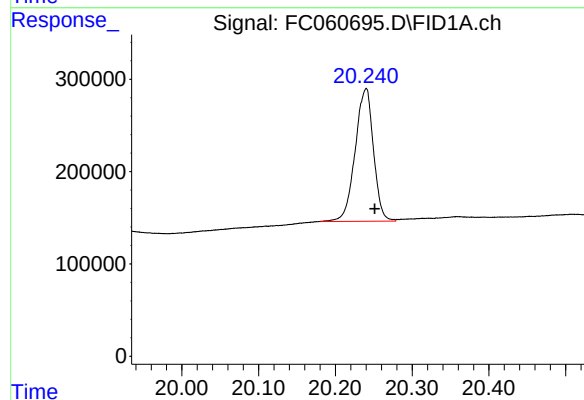
#20 n-Hexatriacontane (C36)

R.T.: 18.906 min
Delta R.T.: -0.012 min
Response: 2424940
Conc: 21.61 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.591 min
Delta R.T.: -0.011 min
Response: 2317063
Conc: 21.17 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 20.239 min
Delta R.T.: -0.012 min
Response: 2379817
Conc: 21.07 ug/ml