

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC070822AL\
 Data File : FC060633.D
 Signal(s) : FID1A.ch
 Acq On : 08 Jul 2022 09:49
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 09 03:53:54 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)	10.633	3510383	19.156 ug/ml
Spiked Amount 50.000		Recovery =	38.31%
12) S 1-chlorooctadecane (S...	12.001	2781168	18.869 ug/ml
Spiked Amount 50.000		Recovery =	37.74%
Target Compounds			
1) T n-Nonane (C9)	2.622	3163796	20.625 ug/ml
2) T n-Decane (C10)	3.618	3180987	20.829 ug/ml
3) T A~Naphthalene (C11.7)	5.155	3450160	20.636 ug/ml
4) T n-Dodecane (C12)	5.567	3328451	20.595 ug/ml
5) T A~2-methylnaphthalene...	6.179	3475108	20.443 ug/ml
6) T n-Tetradecane (C14)	7.317	3359957	20.339 ug/ml
7) T n-Hexadecane (C16)	8.880	3367362	19.925 ug/ml
8) T n-Octadecane (C18)	10.287	3352985	19.489 ug/ml
10) T n-Eicosane (C20)	11.566	3256839	19.083 ug/ml
11) T n-Heneicosane (C21)	12.163	3217169	18.869 ug/ml
13) T n-Docosane (C22)	12.735	3170378	18.599 ug/ml
14) T n-Tetracosane (C24)	13.812	3044042	18.130 ug/ml
15) T n-Hexacosane (C26)	14.809	2911958	17.720 ug/ml
16) T n-Octacosane (C28)	15.735	2812835	17.727 ug/ml
17) T n-Tricontane (C30)	16.602	2764182	18.159 ug/ml
18) T n-Dotriacontane (C32)	17.414	2662312	18.315 ug/ml
19) T n-Tetratriacontane (C34)	18.178	2522022	19.857 ug/ml
20) T n-Hexatriacontane (C36)	18.900	2397187	21.360 ug/ml
21) T n-Octatriacontane (C38)	19.581	2328673	21.273 ug/mlm
22) T n-Tetracontane (C40)	20.229	2397635	21.229 ug/ml

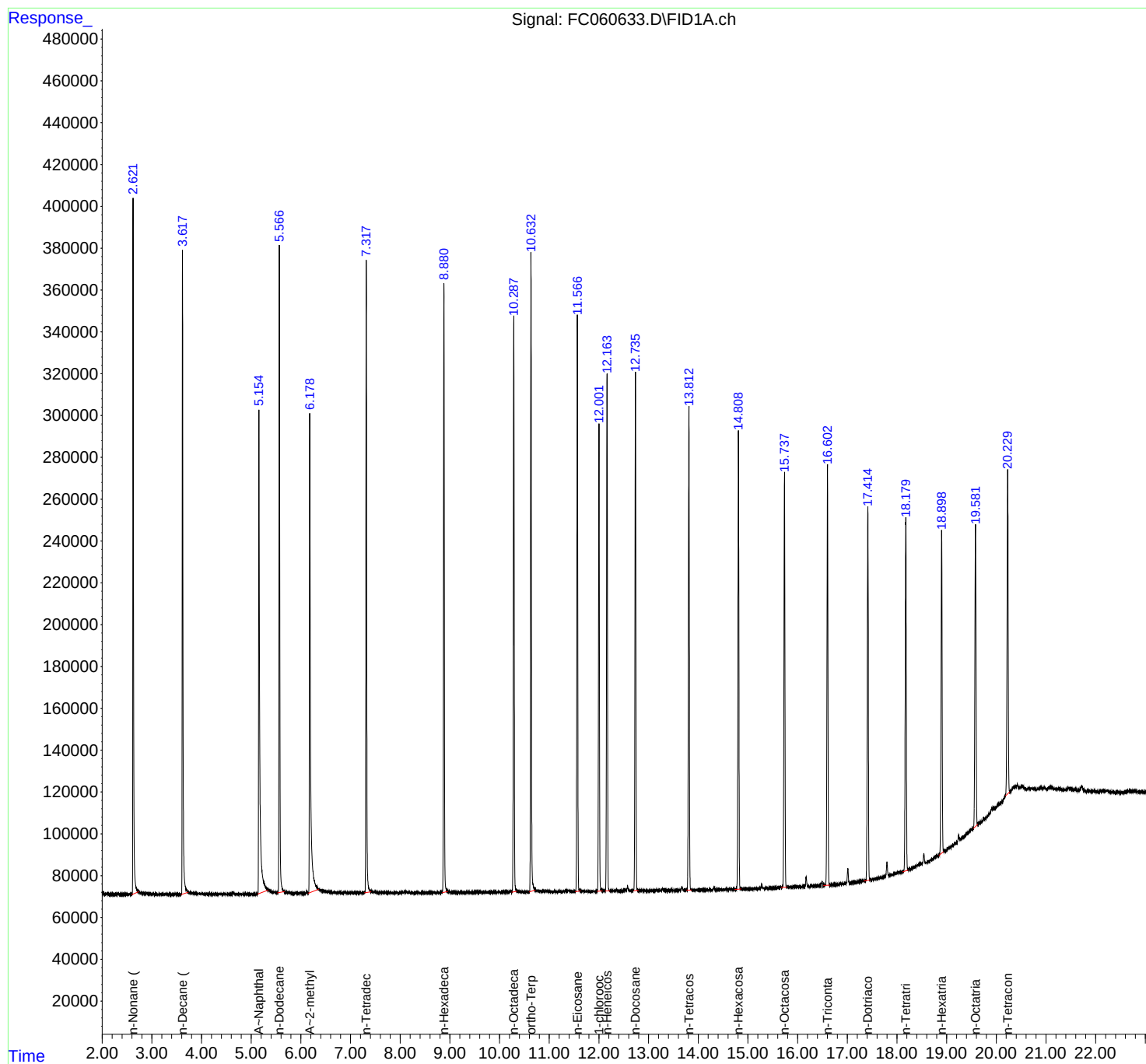
(f)=RT Delta > 1/2 Window

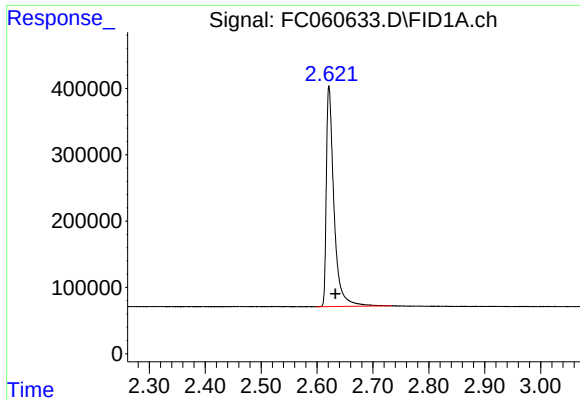
(m)=manual int.

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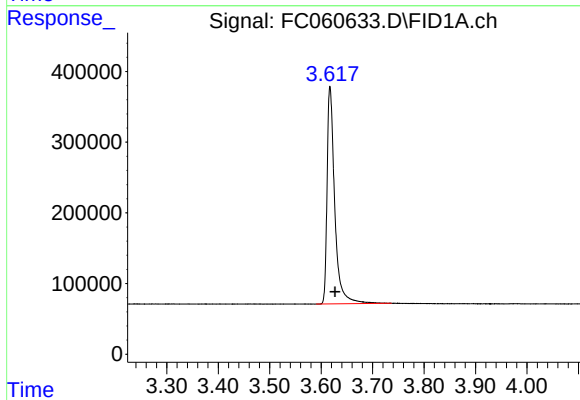
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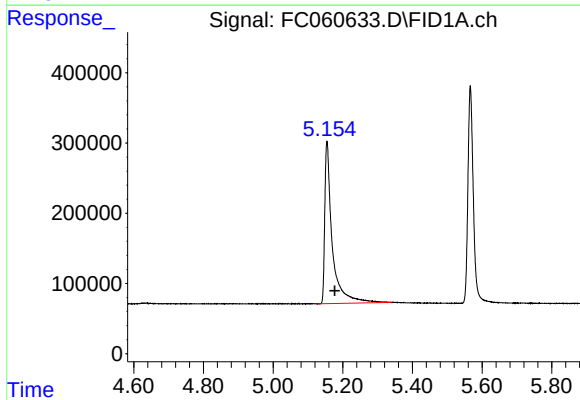
#1 n-Nonane (C9)

R.T.: 2.622 min
Delta R.T.: -0.011 min
Response: 3163796
Conc: 20.62 ug/ml



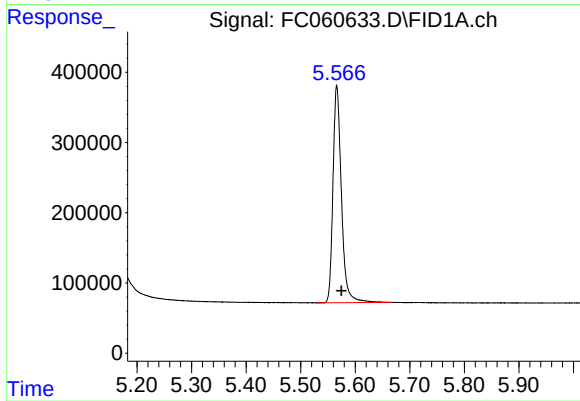
#2 n-Decane (C10)

R.T.: 3.618 min
Delta R.T.: -0.009 min
Response: 3180987
Conc: 20.83 ug/ml



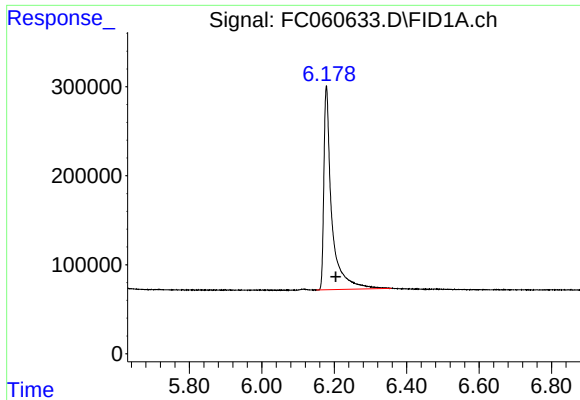
#3 A~Naphthalene (C11.7)

R.T.: 5.155 min
Delta R.T.: -0.022 min
Response: 3450160
Conc: 20.64 ug/ml



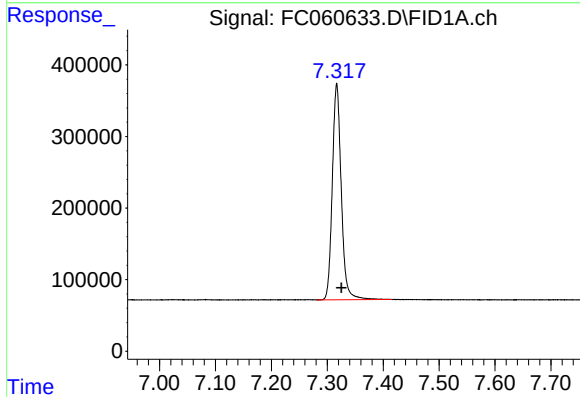
#4 n-Dodecane (C12)

R.T.: 5.567 min
Delta R.T.: -0.008 min
Response: 3328451
Conc: 20.60 ug/ml



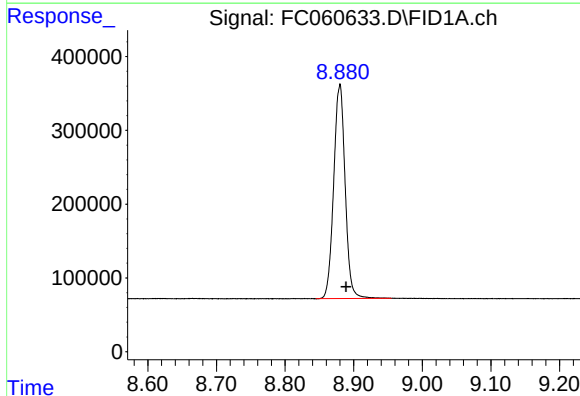
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.179 min
Delta R.T.: -0.025 min
Response: 3475108
Conc: 20.44 ug/ml



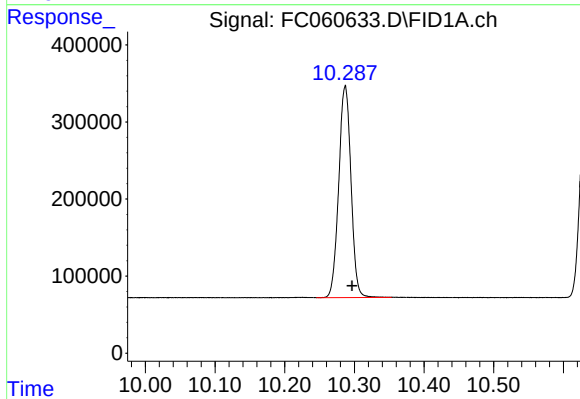
#6 n-Tetradecane (C14)

R.T.: 7.317 min
Delta R.T.: -0.009 min
Response: 3359957
Conc: 20.34 ug/ml



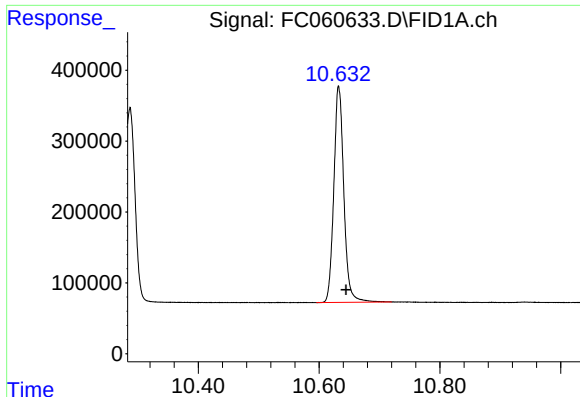
#7 n-Hexadecane (C16)

R.T.: 8.880 min
Delta R.T.: -0.009 min
Response: 3367362
Conc: 19.92 ug/ml



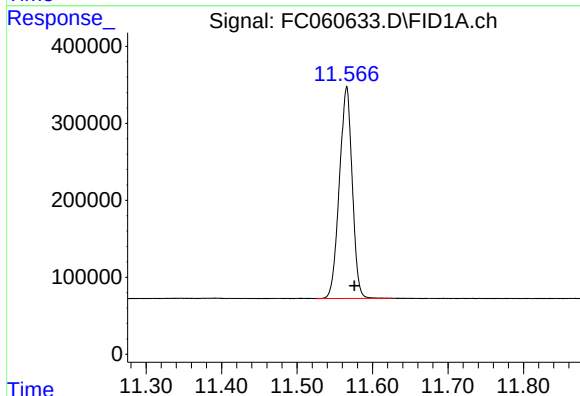
#8 n-Octadecane (C18)

R.T.: 10.287 min
Delta R.T.: -0.010 min
Response: 3352985
Conc: 19.49 ug/ml



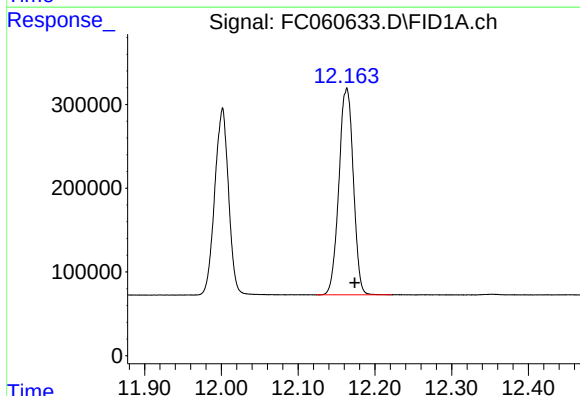
#9 ortho-Terphenyl (SURR)

R.T.: 10.633 min
Delta R.T.: -0.012 min
Response: 3510383
Conc: 19.16 ug/ml



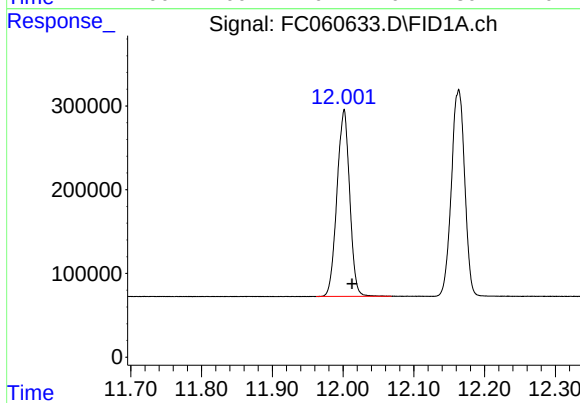
#10 n-Eicosane (C20)

R.T.: 11.566 min
Delta R.T.: -0.011 min
Response: 3256839
Conc: 19.08 ug/ml



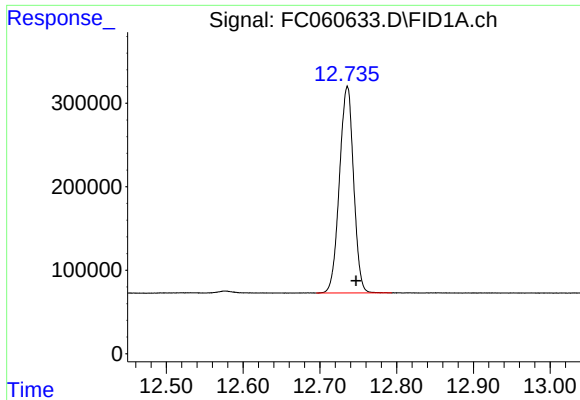
#11 n-Heneicosane (C21)

R.T.: 12.163 min
Delta R.T.: -0.011 min
Response: 3217169
Conc: 18.87 ug/ml



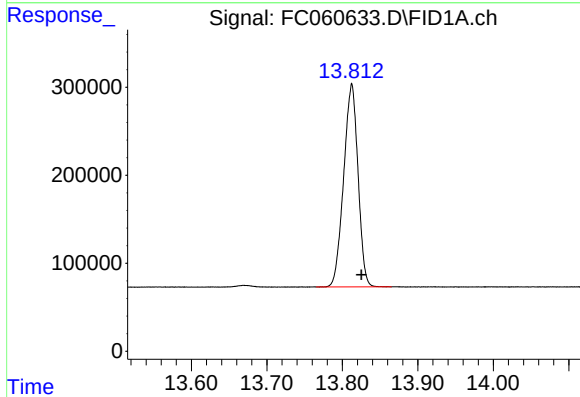
#12 1-chlorooctadecane (SURR)

R.T.: 12.001 min
Delta R.T.: -0.012 min
Response: 2781168
Conc: 18.87 ug/ml



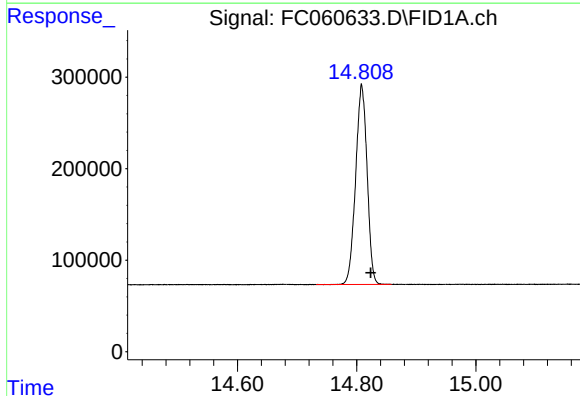
#13 n-Docosane (C22)

R.T.: 12.735 min
Delta R.T.: -0.012 min
Response: 3170378
Conc: 18.60 ug/ml



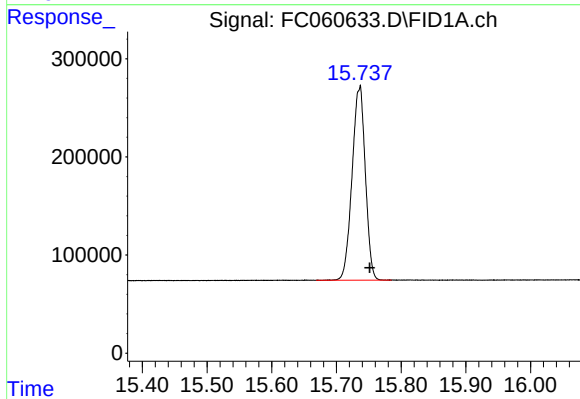
#14 n-Tetracosane (C24)

R.T.: 13.812 min
Delta R.T.: -0.013 min
Response: 3044042
Conc: 18.13 ug/ml



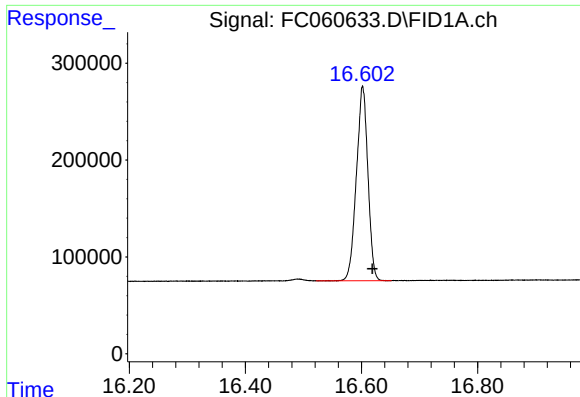
#15 n-Hexacosane (C26)

R.T.: 14.809 min
Delta R.T.: -0.015 min
Response: 2911958
Conc: 17.72 ug/ml



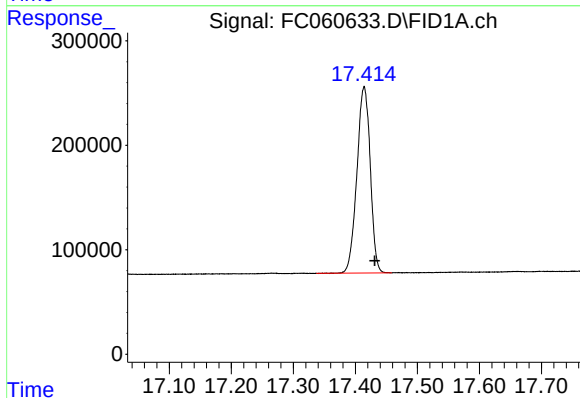
#16 n-Octacosane (C28)

R.T.: 15.735 min
Delta R.T.: -0.016 min
Response: 2812835
Conc: 17.73 ug/ml



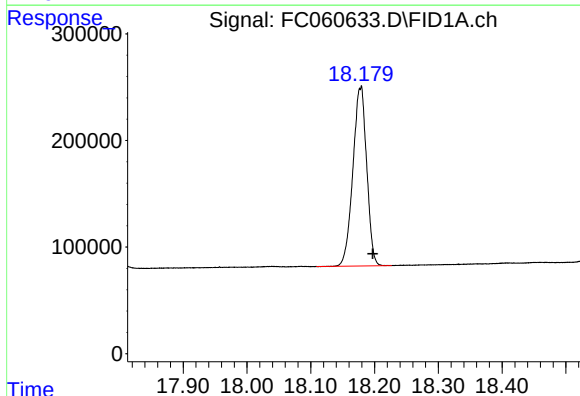
#17 n-Tricontane (C30)

R.T.: 16.602 min
Delta R.T.: -0.016 min
Response: 2764182
Conc: 18.16 ug/ml



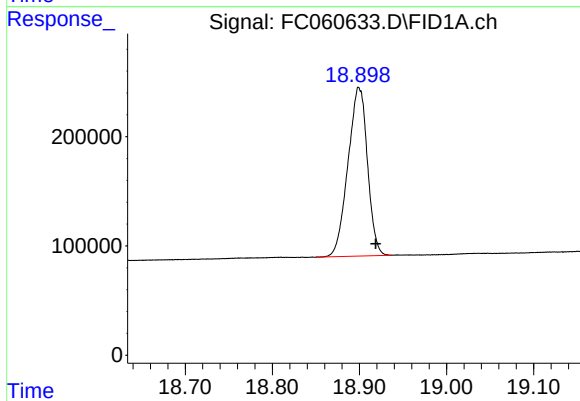
#18 n-Dotriacontane (C32)

R.T.: 17.414 min
Delta R.T.: -0.017 min
Response: 2662312
Conc: 18.31 ug/ml



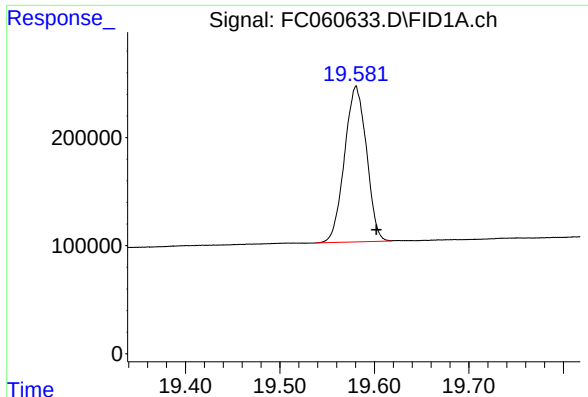
#19 n-Tetratriacontane (C34)

R.T.: 18.178 min
Delta R.T.: -0.019 min
Response: 2522022
Conc: 19.86 ug/ml



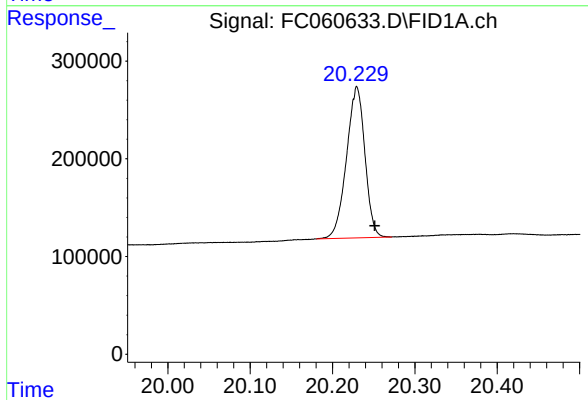
#20 n-Hexatriacontane (C36)

R.T.: 18.900 min
Delta R.T.: -0.019 min
Response: 2397187
Conc: 21.36 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.581 min
Delta R.T.: -0.021 min
Response: 2328673
Conc: 21.27 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 20.229 min
Delta R.T.: -0.022 min
Response: 2397635
Conc: 21.23 ug/ml