

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC072622AL\
 Data File : FC060851.D
 Signal(s) : FID1A.ch
 Acq On : 27 Jul 2022 01:14
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 27 04:49:04 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 072522.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 25 19:40:54 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)	10.632	3303891	20.132 ug/ml
Spiked Amount 50.000		Recovery =	40.26%
12) S 1-chlorooctadecane (S...	11.998	2663251	20.061 ug/ml
Spiked Amount 50.000		Recovery =	40.12%
Target Compounds			
1) T n-Nonane (C9)	2.625	2861668	20.319 ug/ml
2) T n-Decane (C10)	3.620	2868667	20.336 ug/ml
3) T A~Naphthalene (C11.7)	5.161	2984412	20.995 ug/ml
4) T n-Dodecane (C12)	5.567	3009189	20.303 ug/ml
5) T A~2-methylnaphthalene...	6.184	2864645	20.887 ug/ml
6) T n-Tetradecane (C14)	7.316	3032425	20.198 ug/ml
7) T n-Hexadecane (C16)	8.877	3097947	20.243 ug/ml
8) T n-Octadecane (C18)	10.284	3144789	20.139 ug/ml
10) T n-Eicosane (C20)	11.562	3158293	20.125 ug/ml
11) T n-Heneicosane (C21)	12.159	3148432	20.122 ug/ml
13) T n-Docosane (C22)	12.732	3129616	20.072 ug/ml
14) T n-Tetracosane (C24)	13.808	3039108	19.907 ug/ml
15) T n-Hexacosane (C26)	14.805	2910693	19.499 ug/ml
16) T n-Octacosane (C28)	15.731	2750843	19.197 ug/ml
17) T n-Tricontane (C30)	16.597	2675797	19.113 ug/ml
18) T n-Dotriacontane (C32)	17.408	2586024	19.161 ug/ml
19) T n-Tetratriacontane (C34)	18.171	2440743	19.461 ug/ml
20) T n-Hexatriacontane (C36)	18.892	2422633	19.819 ug/ml
21) T n-Octatriacontane (C38)	19.574	2388001	20.233 ug/mlm
22) T n-Tetracontane (C40)	20.220	2402964	20.878 ug/mlm

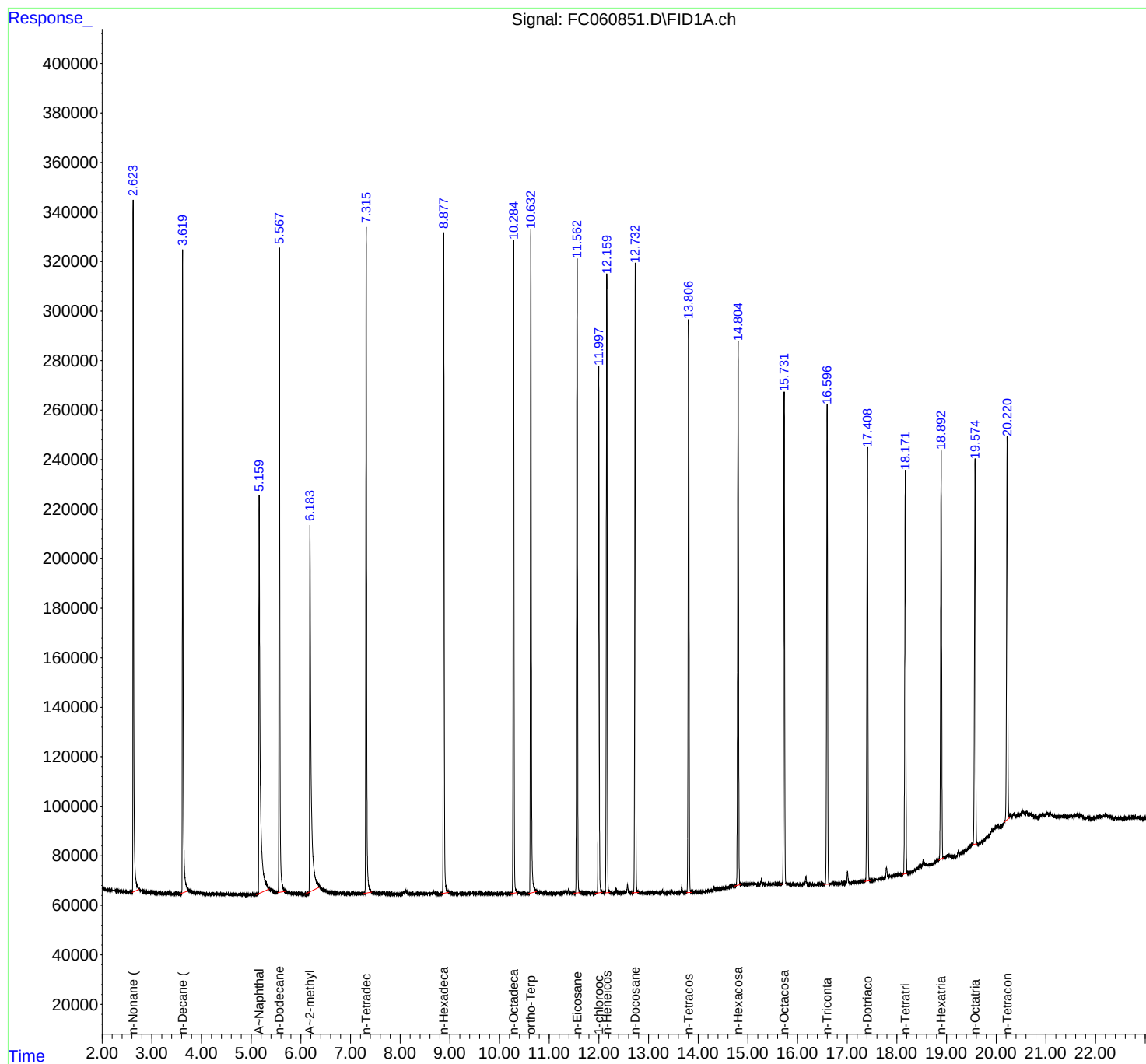
(f)=RT Delta > 1/2 Window

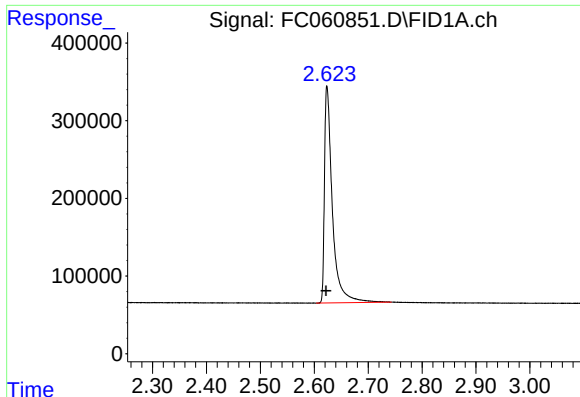
(m)=manual int.

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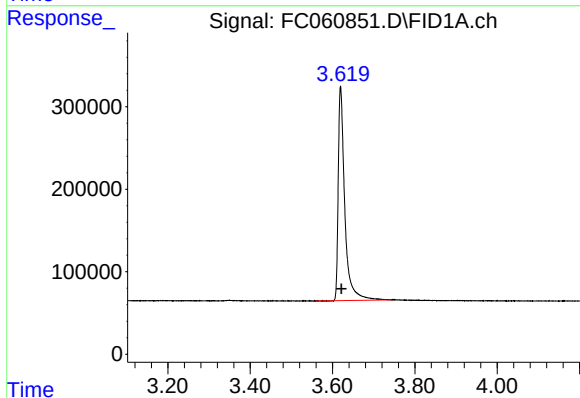
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Signal Info : 20M x 0.18mm x 0.18um





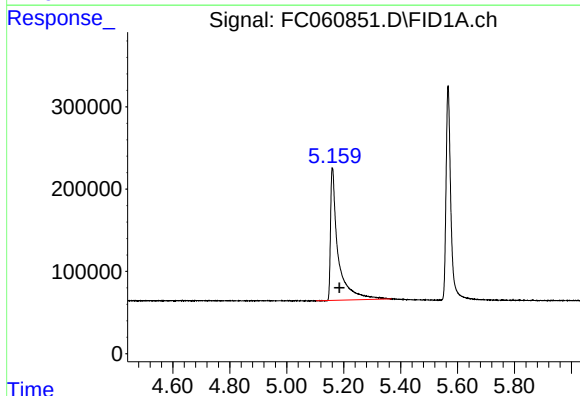
#1 n-Nonane (C9)

R.T.: 2.625 min
Delta R.T.: 0.003 min
Response: 2861668
Conc: 20.32 ug/ml



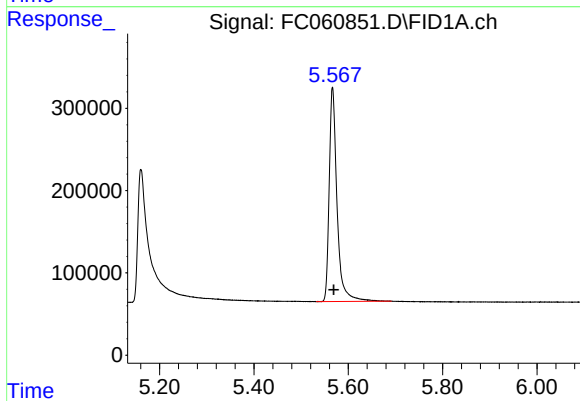
#2 n-Decane (C10)

R.T.: 3.620 min
Delta R.T.: -0.001 min
Response: 2868667
Conc: 20.34 ug/ml



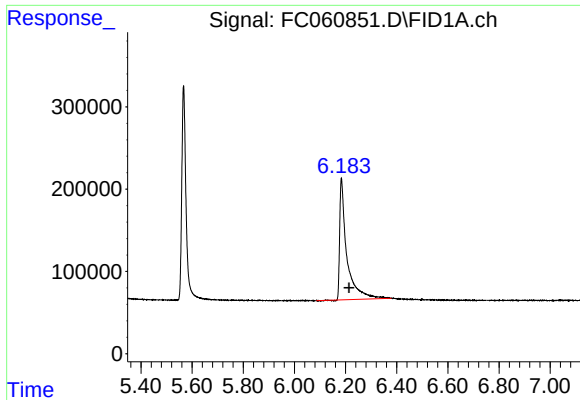
#3 A~Naphthalene (C11.7)

R.T.: 5.161 min
Delta R.T.: -0.024 min
Response: 2984412
Conc: 21.00 ug/ml



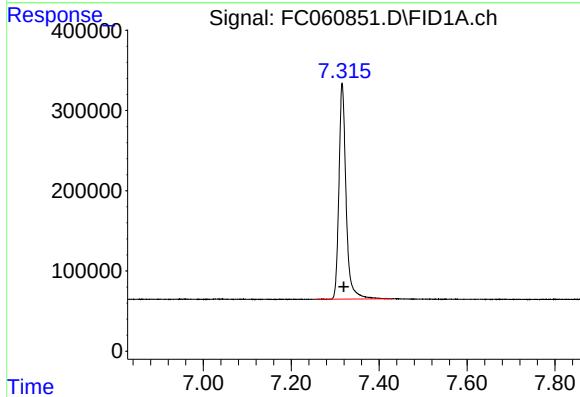
#4 n-Dodecane (C12)

R.T.: 5.567 min
Delta R.T.: -0.003 min
Response: 3009189
Conc: 20.30 ug/ml



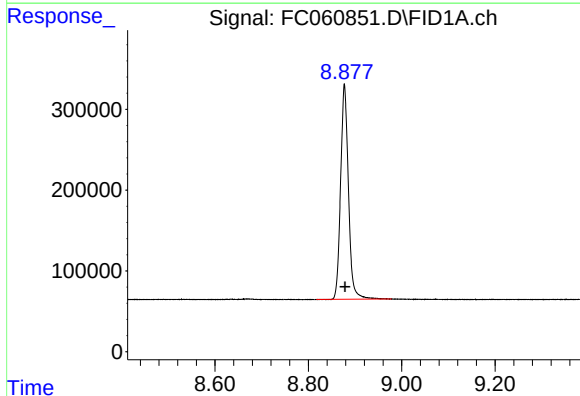
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.184 min
Delta R.T.: -0.030 min
Response: 2864645
Conc: 20.89 ug/ml



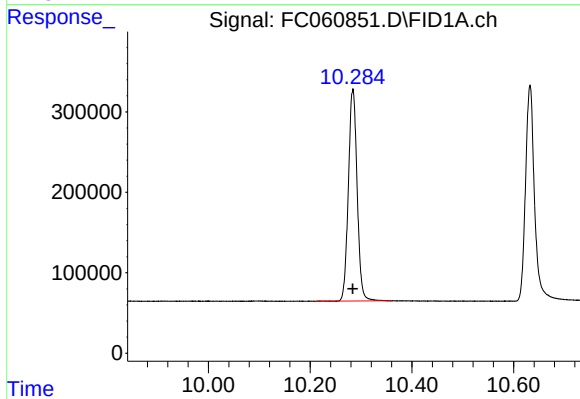
#6 n-Tetradecane (C14)

R.T.: 7.316 min
Delta R.T.: -0.003 min
Response: 3032425
Conc: 20.20 ug/ml



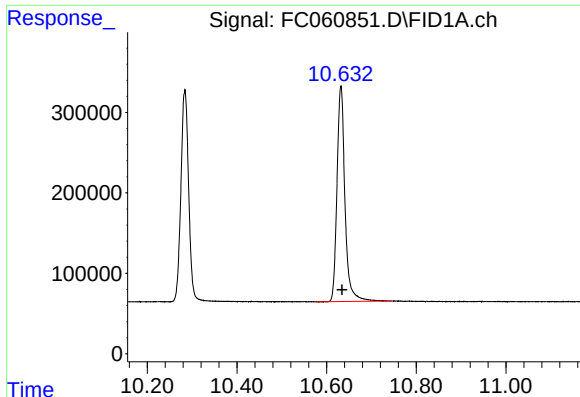
#7 n-Hexadecane (C16)

R.T.: 8.877 min
Delta R.T.: -0.001 min
Response: 3097947
Conc: 20.24 ug/ml



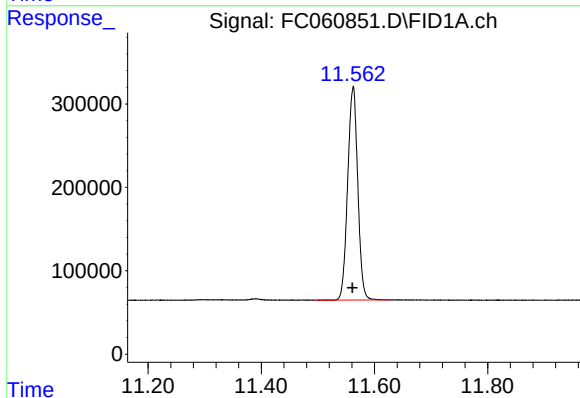
#8 n-Octadecane (C18)

R.T.: 10.284 min
Delta R.T.: 0.000 min
Response: 3144789
Conc: 20.14 ug/ml



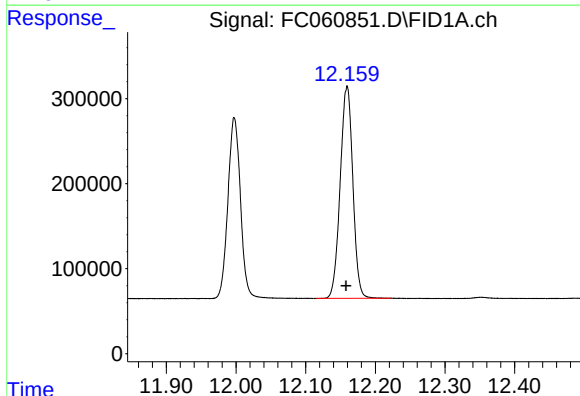
#9 ortho-Terphenyl (SURR)

R.T.: 10.632 min
Delta R.T.: -0.003 min
Response: 3303891
Conc: 20.13 ug/ml



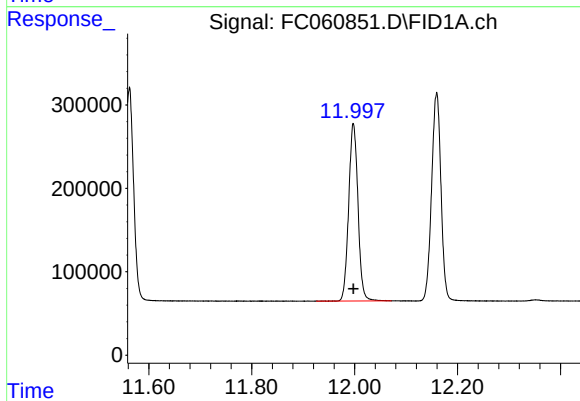
#10 n-Eicosane (C20)

R.T.: 11.562 min
Delta R.T.: 0.001 min
Response: 3158293
Conc: 20.13 ug/ml



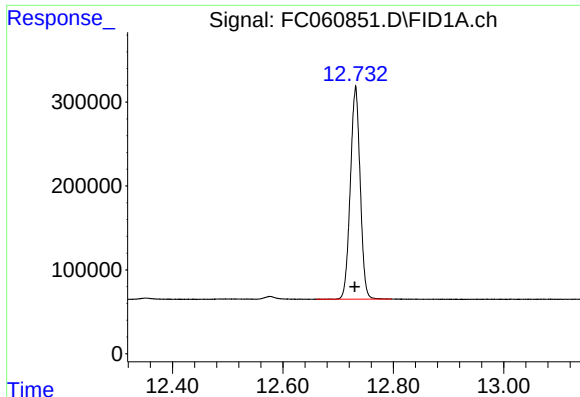
#11 n-Heneicosane (C21)

R.T.: 12.159 min
Delta R.T.: 0.001 min
Response: 3148432
Conc: 20.12 ug/ml



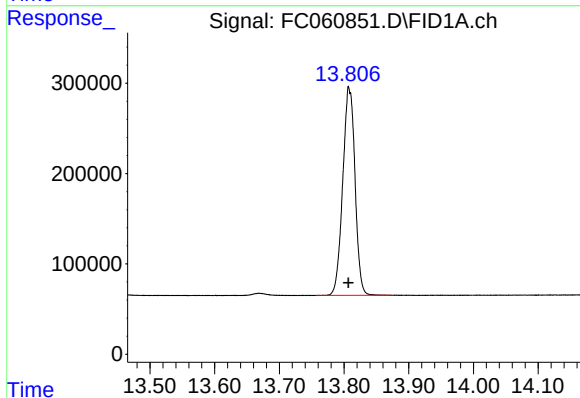
#12 1-chlorooctadecane (SURR)

R.T.: 11.998 min
Delta R.T.: 0.000 min
Response: 2663251
Conc: 20.06 ug/ml



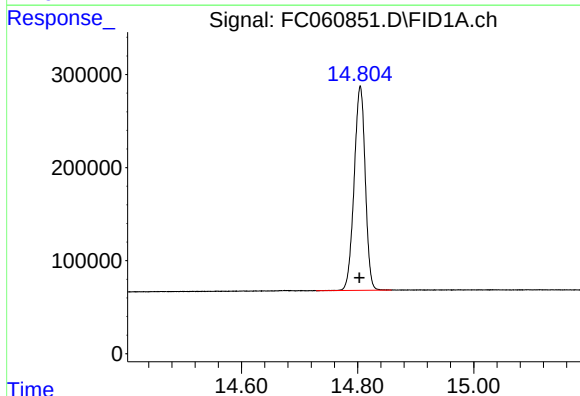
#13 n-Docosane (C22)

R.T.: 12.732 min
Delta R.T.: 0.001 min
Response: 3129616
Conc: 20.07 ug/ml



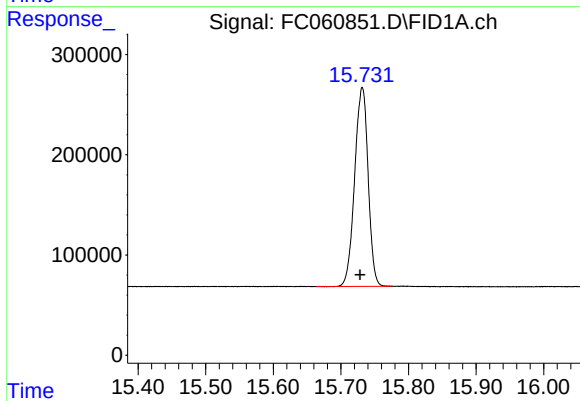
#14 n-Tetracosane (C24)

R.T.: 13.808 min
Delta R.T.: 0.002 min
Response: 3039108
Conc: 19.91 ug/ml



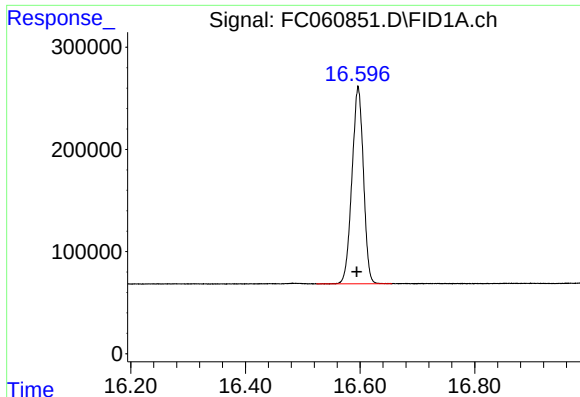
#15 n-Hexacosane (C26)

R.T.: 14.805 min
Delta R.T.: 0.001 min
Response: 2910693
Conc: 19.50 ug/ml



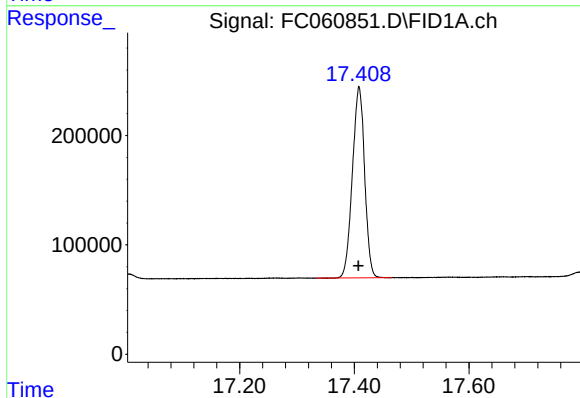
#16 n-Octacosane (C28)

R.T.: 15.731 min
Delta R.T.: 0.003 min
Response: 2750843
Conc: 19.20 ug/ml



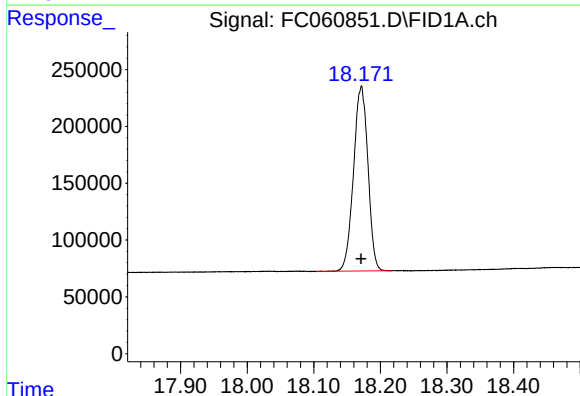
#17 n-Tricontane (C30)

R.T.: 16.597 min
Delta R.T.: 0.002 min
Response: 2675797
Conc: 19.11 ug/ml



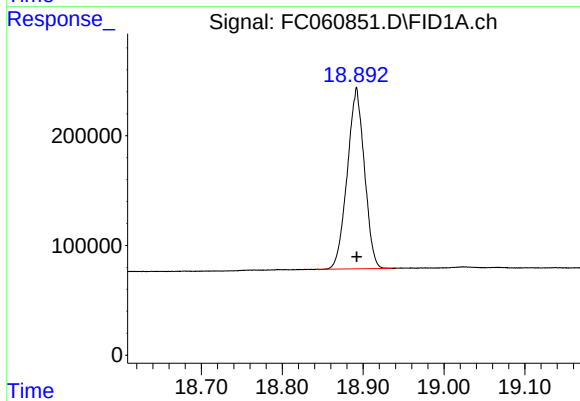
#18 n-Dotriacontane (C32)

R.T.: 17.408 min
Delta R.T.: 0.001 min
Response: 2586024
Conc: 19.16 ug/ml



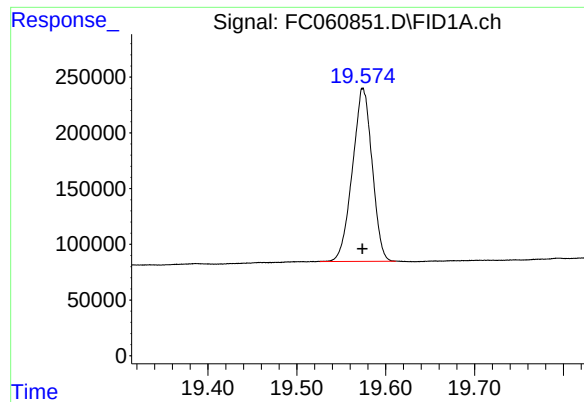
#19 n-Tetratriacontane (C34)

R.T.: 18.171 min
Delta R.T.: 0.000 min
Response: 2440743
Conc: 19.46 ug/ml



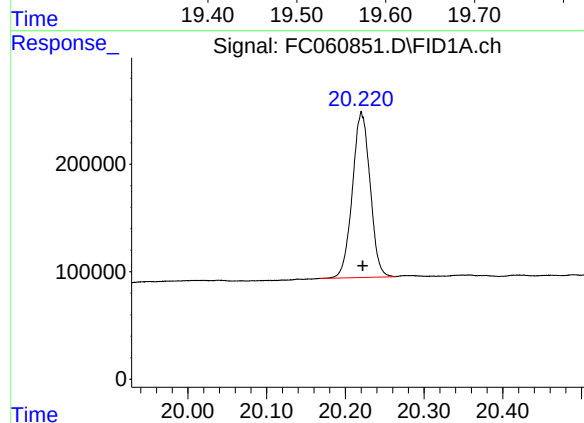
#20 n-Hexatriacontane (C36)

R.T.: 18.892 min
Delta R.T.: 0.000 min
Response: 2422633
Conc: 19.82 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.574 min
Delta R.T.: 0.000 min
Response: 2388001
Conc: 20.23 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 20.220 min
Delta R.T.: -0.002 min
Response: 2402964
Conc: 20.88 ug/ml m