

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC072123AL\
 Data File : FC064202.D
 Signal(s) : FID1A.ch
 Acq On : 21 Jul 2023 09:25
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jul 22 01:54:26 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 062423.M
 Quant Title : GC Extractables
 QLast Update : Sun Jun 25 04:03:48 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)	11.514	3715645	19.137 ug/ml
Spiked Amount 50.000		Recovery =	38.27%
12) S 1-chlorooctadecane (S...	12.950	2674101	19.220 ug/ml
Spiked Amount 50.000		Recovery =	38.44%
Target Compounds			
1) T n-Nonane (C9)	3.304	3306140	18.537 ug/ml
2) T n-Decane (C10)	4.365	3368620	18.616 ug/ml
3) T A~Naphthalene (C11.7)	5.945	3431839	18.398 ug/ml
4) T n-Dodecane (C12)	6.377	3357771	18.639 ug/ml
5) T A~2-methylnaphthalene...	7.001	3215433	18.271 ug/ml
6) T n-Tetradecane (C14)	8.168	3267094	18.886 ug/ml
7) T n-Hexadecane (C16)	9.764	3306974	19.037 ug/ml
8) T n-Octadecane (C18)	11.202	3314625	19.232 ug/ml
10) T n-Eicosane (C20)	12.507	3136076	19.211 ug/ml
11) T n-Heneicosane (C21)	13.118	3058441	19.089 ug/ml
13) T n-Docosane (C22)	13.703	3034704	19.313 ug/ml
14) T n-Tetracosane (C24)	14.801	3000470	19.036 ug/ml
15) T n-Hexacosane (C26)	15.820	2963314	19.613 ug/ml
16) T n-Octacosane (C28)	16.767	2970552	19.714 ug/ml
17) T n-Tricontane (C30)	17.650	3164960	20.272 ug/ml
18) T n-Dotriacontane (C32)	18.480	3219290	20.378 ug/ml
19) T n-Tetratriacontane (C34)	19.262	3101177	20.153 ug/ml
20) T n-Hexatriacontane (C36)	19.997	2945288	19.949 ug/ml
21) T n-Octatriacontane (C38)	20.720	2885019	19.477 ug/ml
22) T n-Tetracontane (C40)	21.606	2824630	19.379 ug/ml

(f)=RT Delta > 1/2 Window

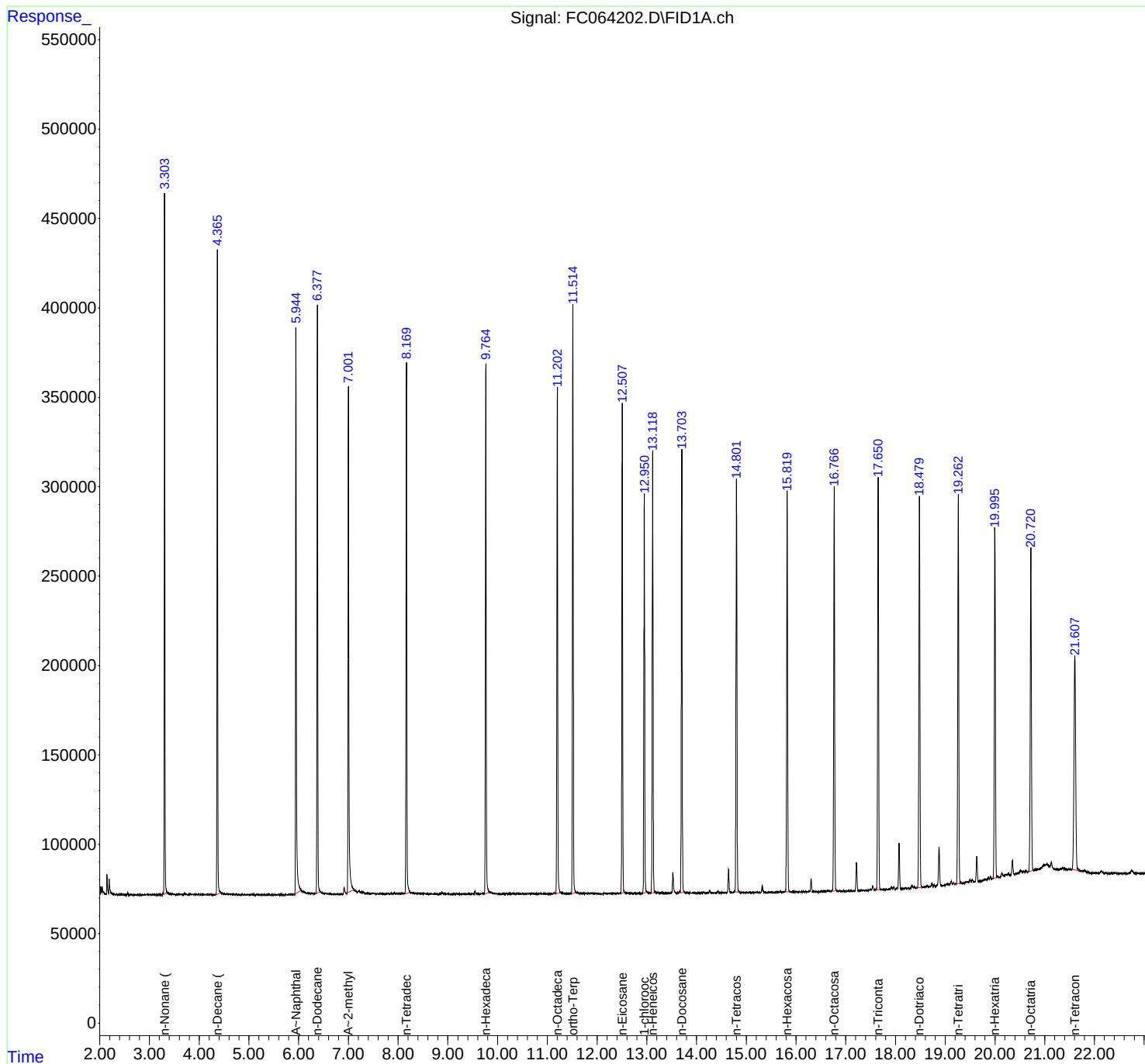
(m)=manual int.

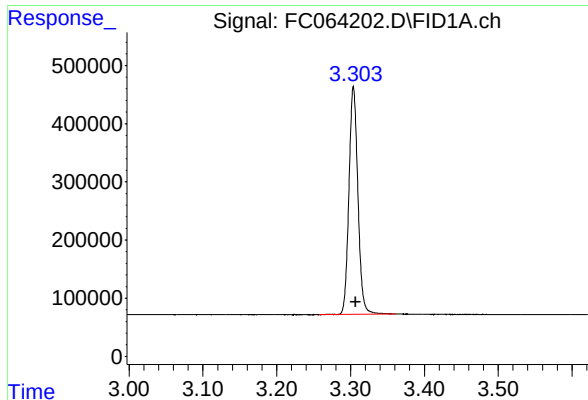
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC072123AL\
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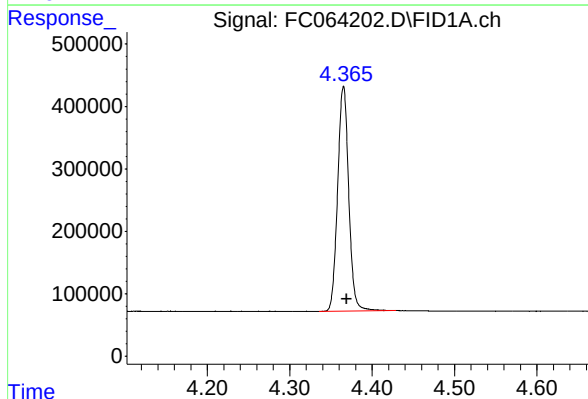




#1 n-Nonane (C9)

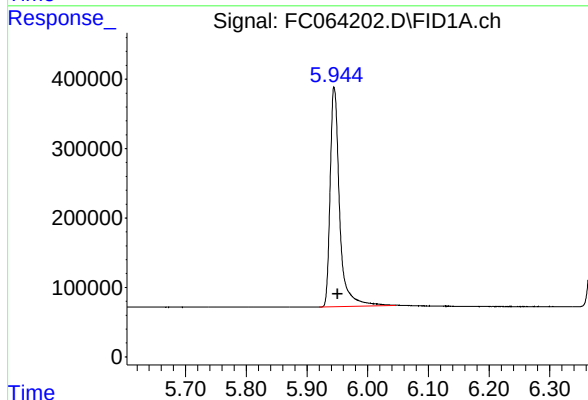
R.T.: 3.304 min
Delta R.T.: -0.003 min
Response: 3306140
Conc: 18.54 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



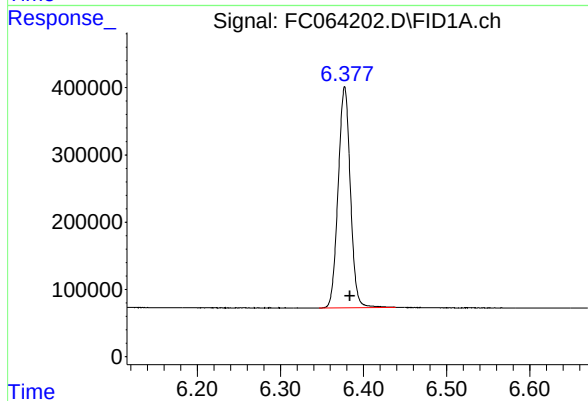
#2 n-Decane (C10)

R.T.: 4.365 min
Delta R.T.: -0.004 min
Response: 3368620
Conc: 18.62 ug/ml



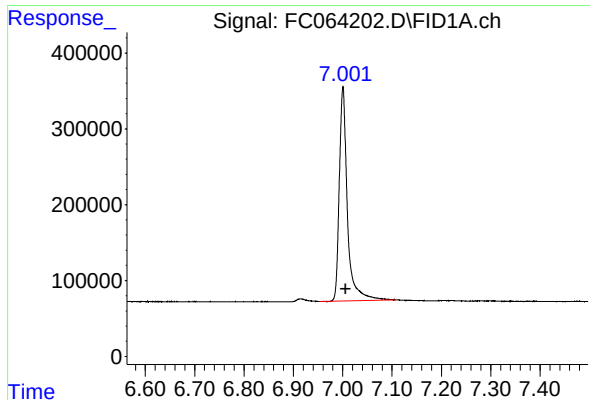
#3 A~Naphthalene (C11.7)

R.T.: 5.945 min
Delta R.T.: -0.006 min
Response: 3431839
Conc: 18.40 ug/ml



#4 n-Dodecane (C12)

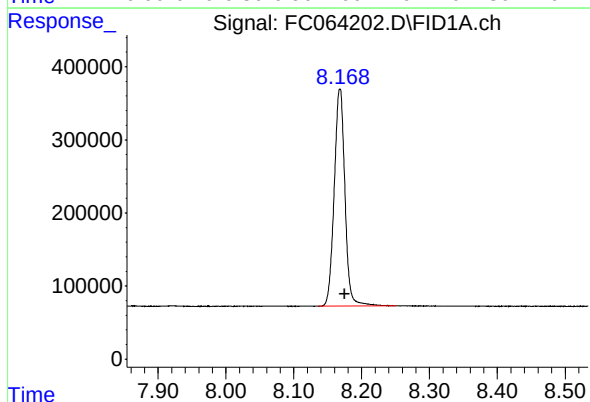
R.T.: 6.377 min
Delta R.T.: -0.006 min
Response: 3357771
Conc: 18.64 ug/ml



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

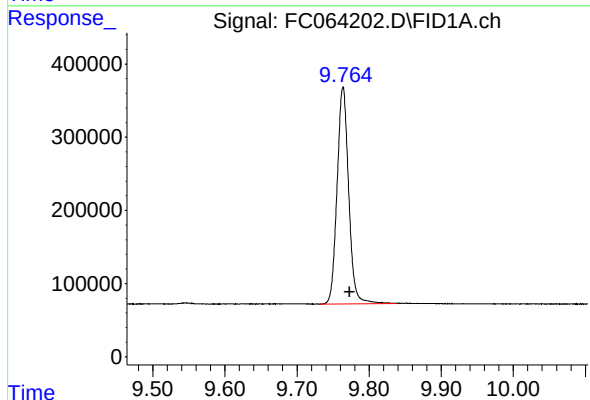
R.T.: 7.001 min
Delta R.T.: -0.005 min
Response: 3215433
Conc: 18.27 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



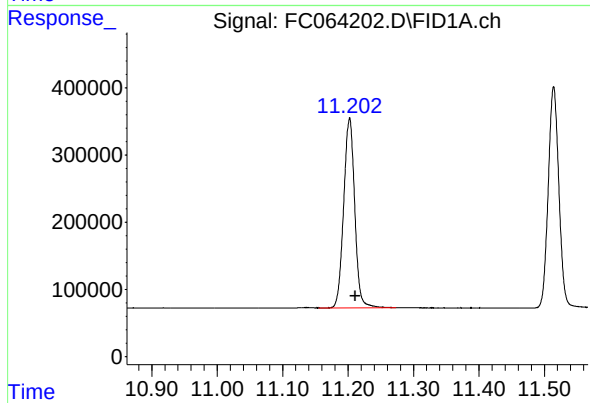
#6 n-Tetradecane (C14)

R.T.: 8.168 min
Delta R.T.: -0.007 min
Response: 3267094
Conc: 18.89 ug/ml



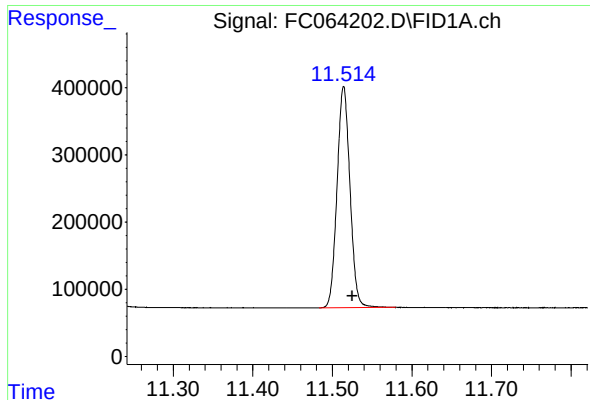
#7 n-Hexadecane (C16)

R.T.: 9.764 min
Delta R.T.: -0.009 min
Response: 3306974
Conc: 19.04 ug/ml



#8 n-Octadecane (C18)

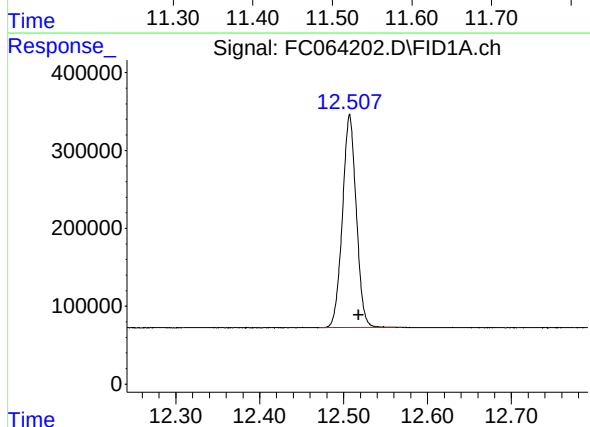
R.T.: 11.202 min
Delta R.T.: -0.009 min
Response: 3314625
Conc: 19.23 ug/ml



#9 ortho-Terphenyl (SURR)

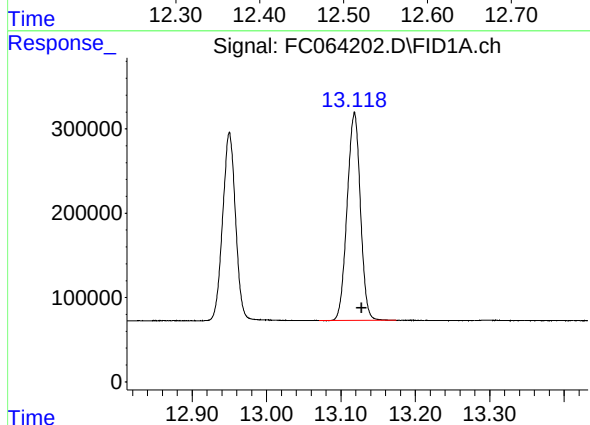
R.T.: 11.514 min
Delta R.T.: -0.011 min
Response: 3715645
Conc: 19.14 ug/ml

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20 PPM ALIPHATIC HC STD



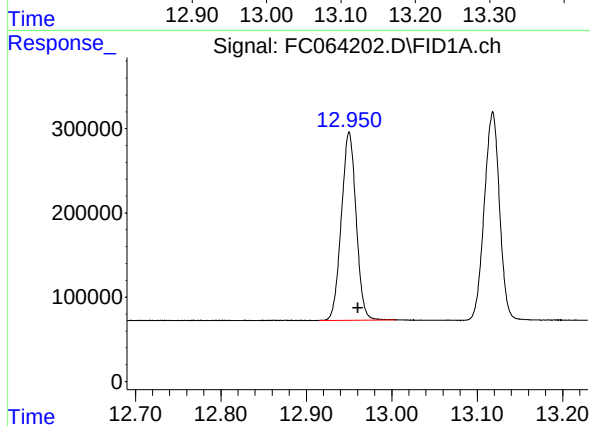
#10 n-Eicosane (C20)

R.T.: 12.507 min
Delta R.T.: -0.011 min
Response: 3136076
Conc: 19.21 ug/ml



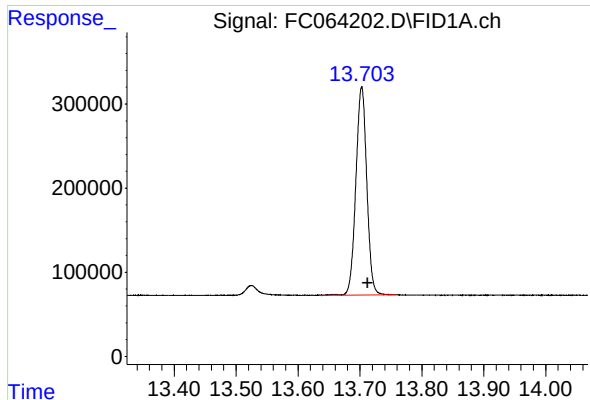
#11 n-Heneicosane (C21)

R.T.: 13.118 min
Delta R.T.: -0.010 min
Response: 3058441
Conc: 19.09 ug/ml



#12 1-chlorooctadecane (SURR)

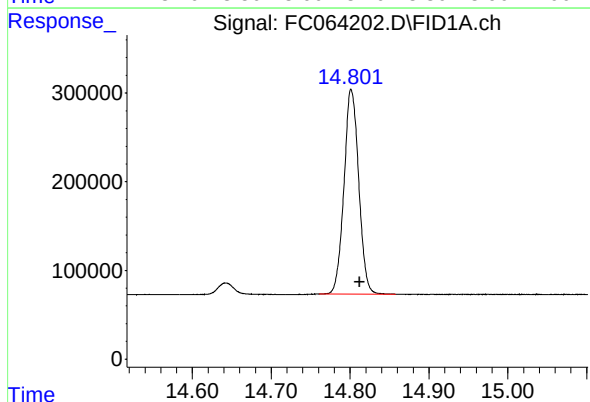
R.T.: 12.950 min
Delta R.T.: -0.010 min
Response: 2674101
Conc: 19.22 ug/ml



#13 n-Docosane (C22)

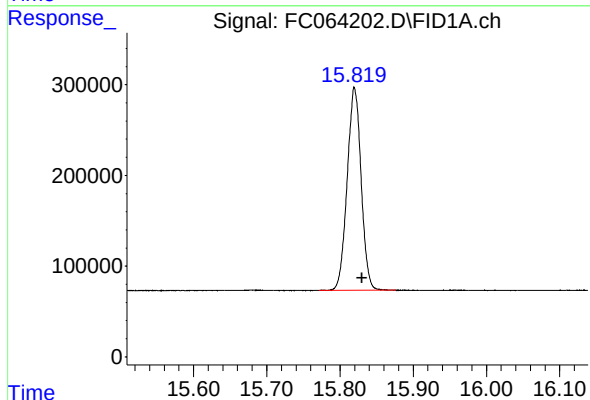
R.T.: 13.703 min
Delta R.T.: -0.010 min
Response: 3034704
Conc: 19.31 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



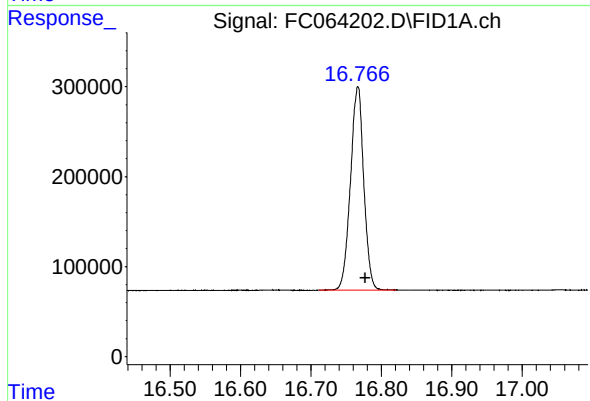
#14 n-Tetracosane (C24)

R.T.: 14.801 min
Delta R.T.: -0.011 min
Response: 3000470
Conc: 19.04 ug/ml



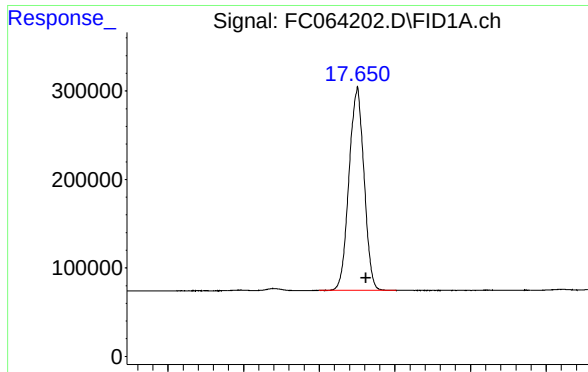
#15 n-Hexacosane (C26)

R.T.: 15.820 min
Delta R.T.: -0.010 min
Response: 2963314
Conc: 19.61 ug/ml



#16 n-Octacosane (C28)

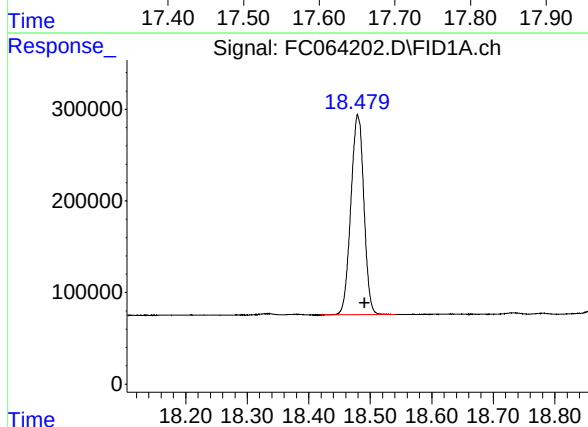
R.T.: 16.767 min
Delta R.T.: -0.010 min
Response: 2970552
Conc: 19.71 ug/ml



#17 n-Tricontane (C30)

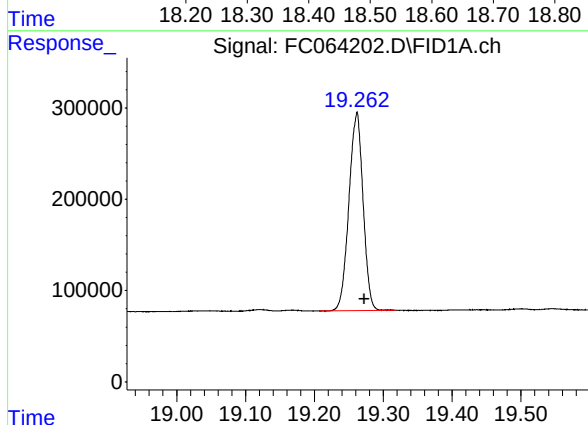
R.T.: 17.650 min
Delta R.T.: -0.012 min
Response: 3164960
Conc: 20.27 ug/ml

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20 PPM ALIPHATIC HC STD



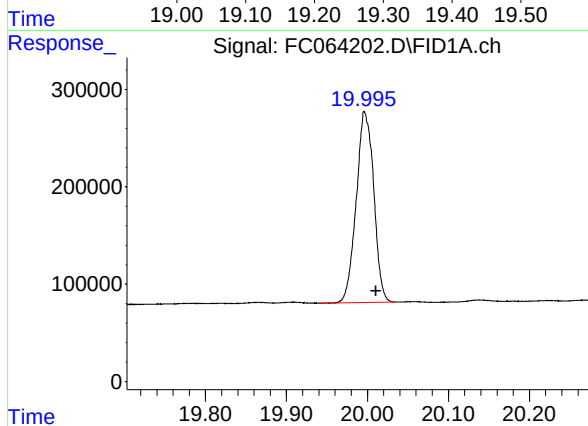
#18 n-Dotriacontane (C32)

R.T.: 18.480 min
Delta R.T.: -0.011 min
Response: 3219290
Conc: 20.38 ug/ml



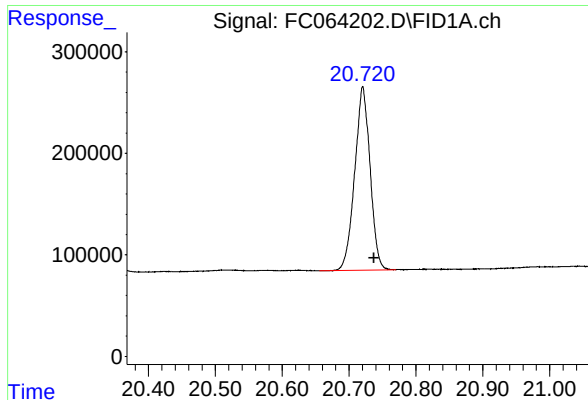
#19 n-Tetatriacontane (C34)

R.T.: 19.262 min
Delta R.T.: -0.010 min
Response: 3101177
Conc: 20.15 ug/ml



#20 n-Hexatriacontane (C36)

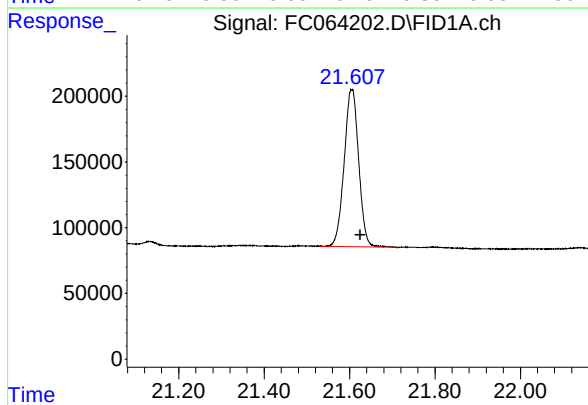
R.T.: 19.997 min
Delta R.T.: -0.014 min
Response: 2945288
Conc: 19.95 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.720 min
Delta R.T.: -0.017 min
Response: 2885019
Conc: 19.48 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.606 min
Delta R.T.: -0.019 min
Response: 2824630
Conc: 19.38 ug/ml