

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022123AL\
 Data File : FC062961.D
 Signal(s) : FID1A.ch
 Acq On : 21 Feb 2023 13:30
 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: Feb 22 05:36:23 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 012623.M
 Quant Title : GC Extractables
 QLast Update : Fri Jan 27 04:11:29 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)	11.536	2305397	18.540 ug/ml
Spiked Amount 50.000		Recovery =	37.08%
12) S 1-chlorooctadecane (S...	12.976	1755552	18.613 ug/ml
Spiked Amount 50.000		Recovery =	37.23%
Target Compounds			
1) T n-Nonane (C9)	3.297	2048671	18.956 ug/ml
2) T n-Decane (C10)	4.363	2027283	19.513 ug/ml
3) T A~Naphthalene (C11.7)	5.947	2259483	19.105 ug/ml
4) T n-Dodecane (C12)	6.383	2041537	19.749 ug/ml
5) T A~2-methylnaphthalene...	7.005	2108958	19.275 ug/ml
6) T n-Tetradecane (C14)	8.180	1994632	19.443 ug/ml
7) T n-Hexadecane (C16)	9.781	2044181	18.894 ug/ml
8) T n-Octadecane (C18)	11.223	2092449	18.874 ug/ml
10) T n-Eicosane (C20)	12.532	2054570	18.844 ug/ml
11) T n-Heneicosane (C21)	13.144	2048239	18.818 ug/ml
13) T n-Docosane (C22)	13.730	2057191	19.095 ug/ml
14) T n-Tetracosane (C24)	14.831	2113739	19.737 ug/ml
15) T n-Hexacosane (C26)	15.851	2175996	20.649 ug/ml
16) T n-Octacosane (C28)	16.797	2234300	21.383 ug/ml
17) T n-Tricontane (C30)	17.686	2309498	22.117 ug/ml
18) T n-Dotriacontane (C32)	18.516	2311814	21.403 ug/ml
19) T n-Tetratriacontane (C34)	19.300	2151279	20.467 ug/ml
20) T n-Hexatriacontane (C36)	20.036	2018081	20.039 ug/ml
21) T n-Octatriacontane (C38)	20.766	1980304	19.724 ug/ml
22) T n-Tetracontane (C40)	21.666	1965051	20.387 ug/ml

(f)=RT Delta > 1/2 Window

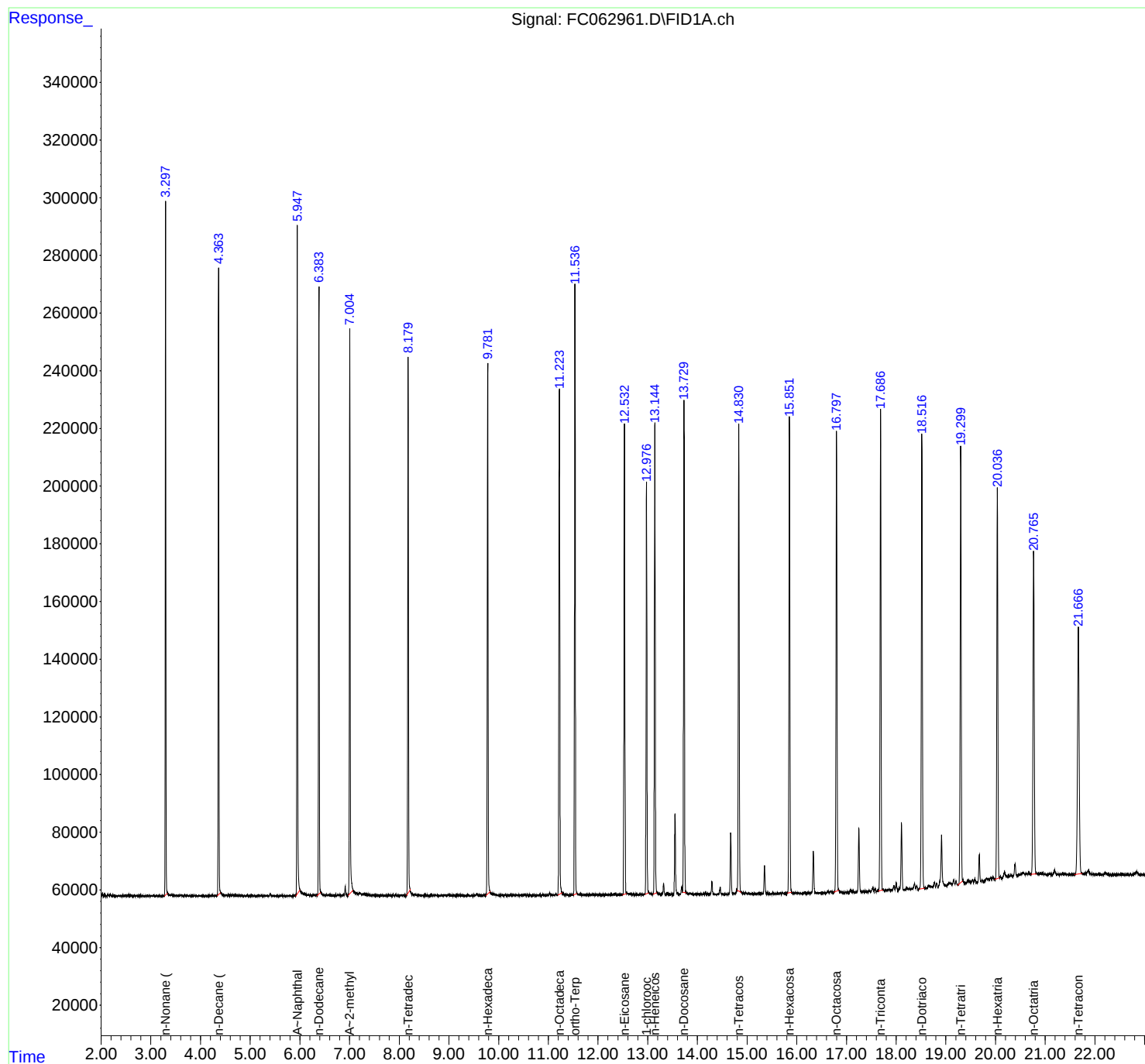
(m)=manual int.

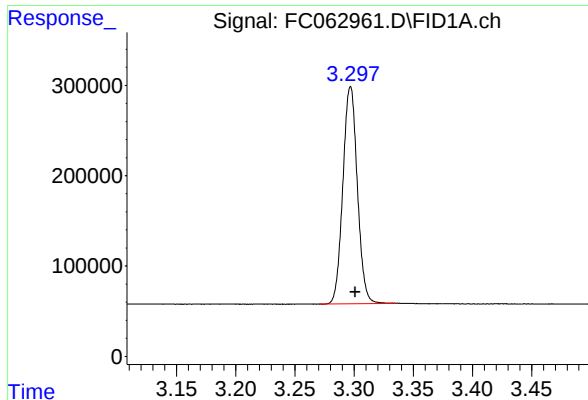
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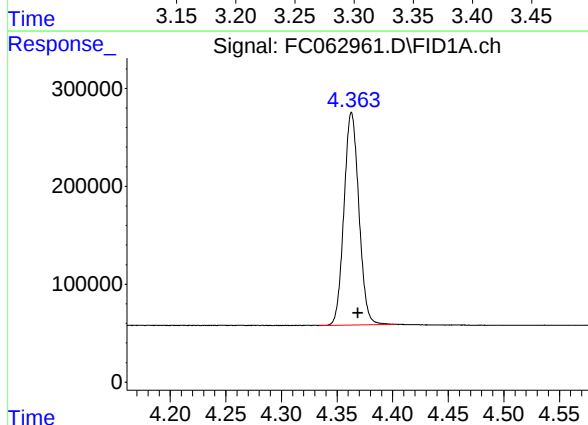




#1 n-Nonane (C9)

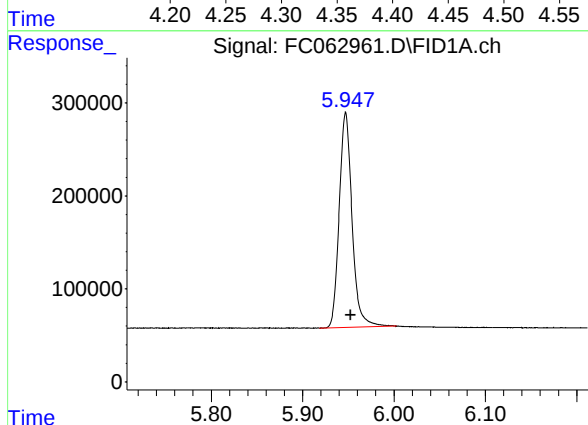
R.T.: 3.297 min
Delta R.T.: -0.004 min
Response: 2048671
Conc: 18.96 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



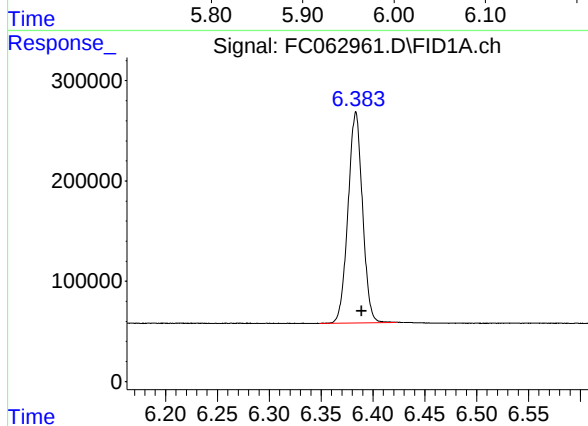
#2 n-Decane (C10)

R.T.: 4.363 min
Delta R.T.: -0.006 min
Response: 2027283
Conc: 19.51 ug/ml



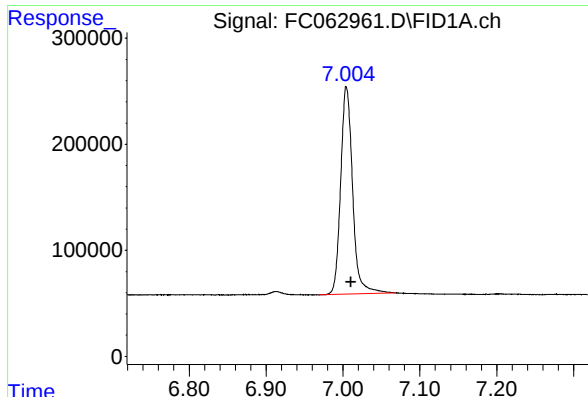
#3 A~Naphthalene (C11.7)

R.T.: 5.947 min
Delta R.T.: -0.006 min
Response: 2259483
Conc: 19.10 ug/ml



#4 n-Dodecane (C12)

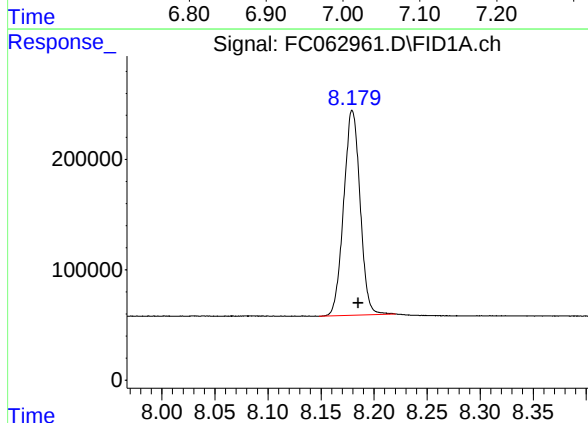
R.T.: 6.383 min
Delta R.T.: -0.006 min
Response: 2041537
Conc: 19.75 ug/ml



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

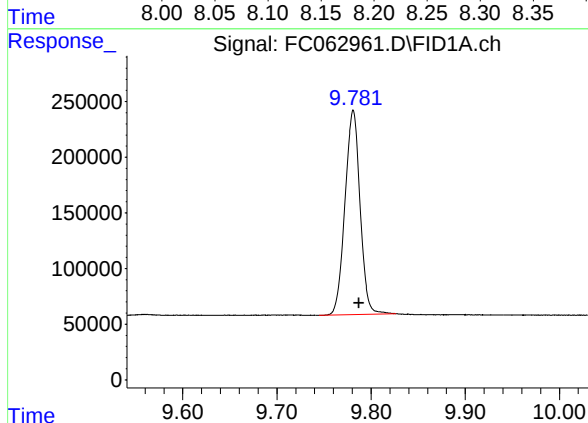
R.T.: 7.005 min
Delta R.T.: -0.006 min
Response: 2108958
Conc: 19.28 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



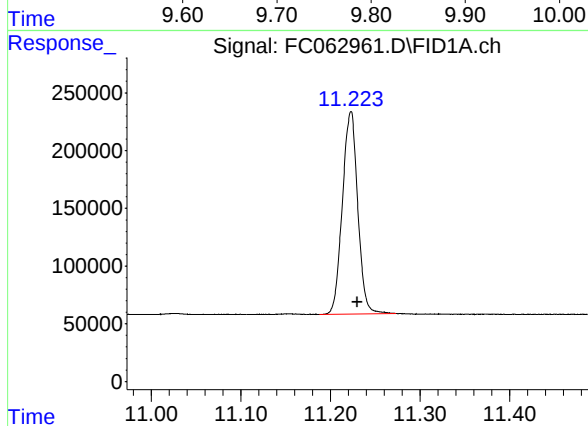
#6 n-Tetradecane (C14)

R.T.: 8.180 min
Delta R.T.: -0.006 min
Response: 1994632
Conc: 19.44 ug/ml



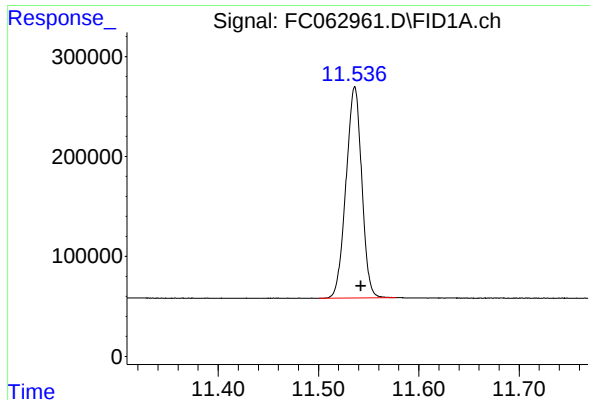
#7 n-Hexadecane (C16)

R.T.: 9.781 min
Delta R.T.: -0.006 min
Response: 2044181
Conc: 18.89 ug/ml



#8 n-Octadecane (C18)

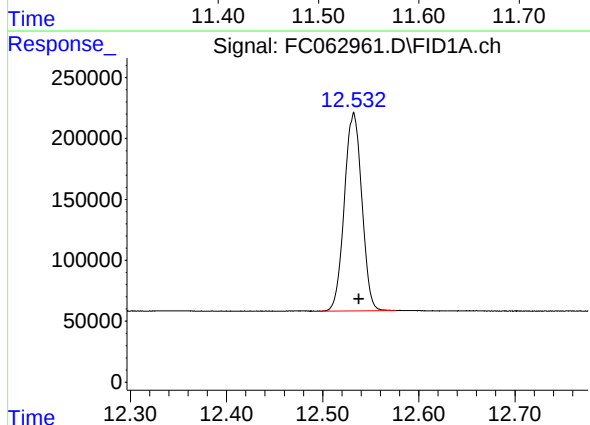
R.T.: 11.223 min
Delta R.T.: -0.007 min
Response: 2092449
Conc: 18.87 ug/ml



#9 ortho-Terphenyl (SURR)

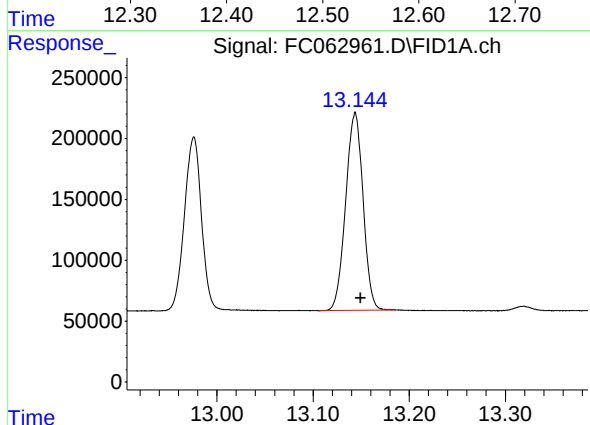
R.T.: 11.536 min
Delta R.T.: -0.006 min
Response: 2305397
Conc: 18.54 ug/ml

Instrument :
FID_C
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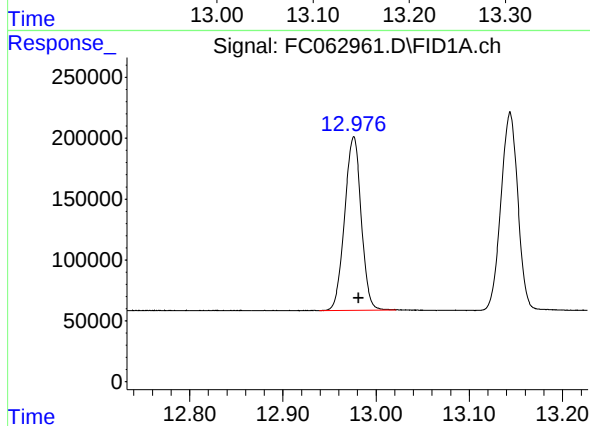
#10 n-Eicosane (C20)

R.T.: 12.532 min
Delta R.T.: -0.005 min
Response: 2054570
Conc: 18.84 ug/ml



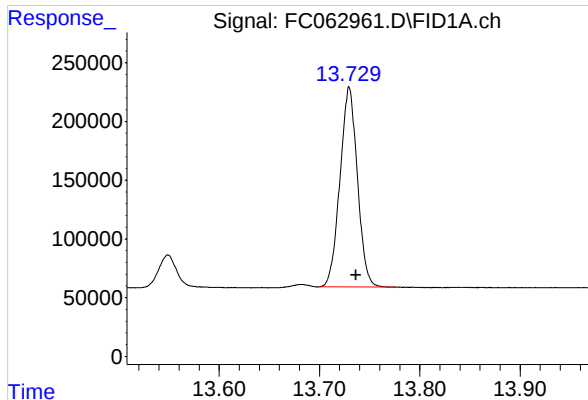
#11 n-Heneicosane (C21)

R.T.: 13.144 min
Delta R.T.: -0.006 min
Response: 2048239
Conc: 18.82 ug/ml



#12 1-chlorooctadecane (SURR)

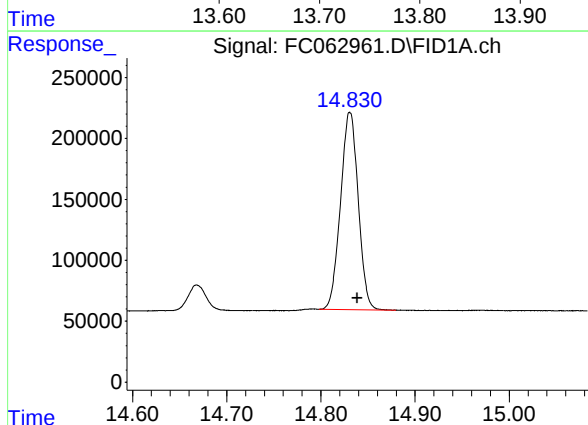
R.T.: 12.976 min
Delta R.T.: -0.005 min
Response: 1755552
Conc: 18.61 ug/ml



#13 n-Docosane (C22)

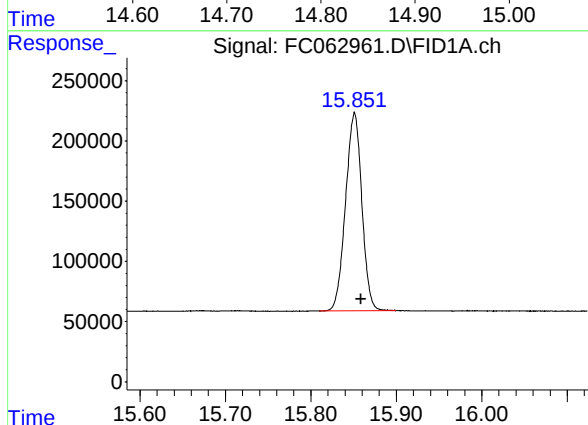
R.T.: 13.730 min
Delta R.T.: -0.007 min
Response: 2057191
Conc: 19.10 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



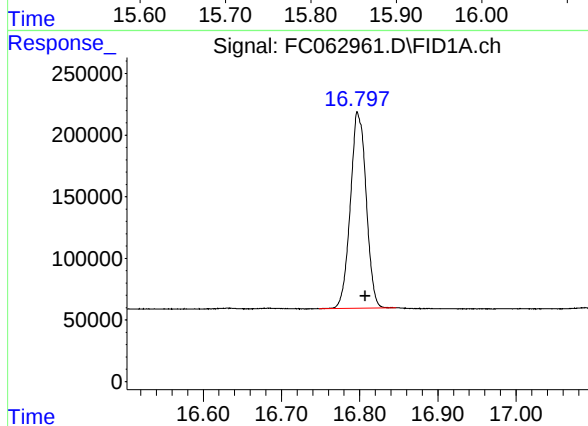
#14 n-Tetracosane (C24)

R.T.: 14.831 min
Delta R.T.: -0.008 min
Response: 2113739
Conc: 19.74 ug/ml



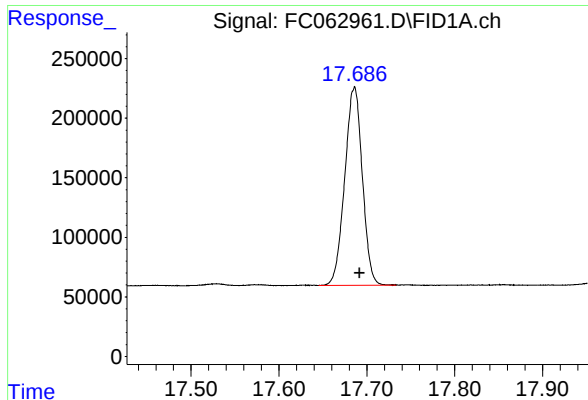
#15 n-Hexacosane (C26)

R.T.: 15.851 min
Delta R.T.: -0.008 min
Response: 2175996
Conc: 20.65 ug/ml



#16 n-Octacosane (C28)

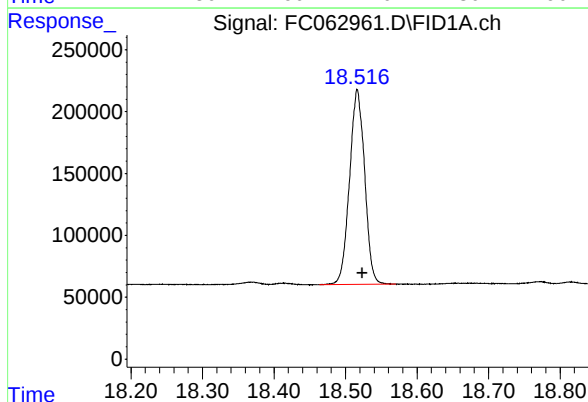
R.T.: 16.797 min
Delta R.T.: -0.009 min
Response: 2234300
Conc: 21.38 ug/ml



#17 n-Tricontane (C30)

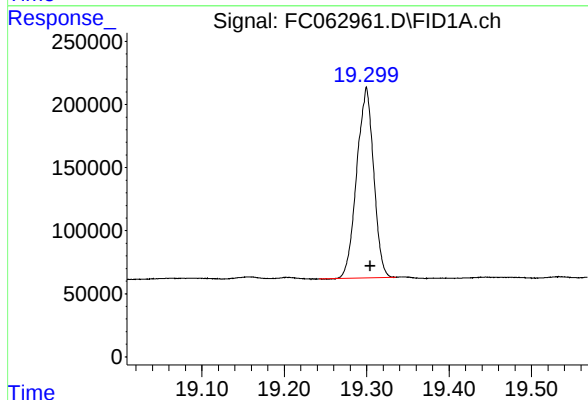
R.T.: 17.686 min
Delta R.T.: -0.006 min
Response: 2309498
Conc: 22.12 ug/ml

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FID_C
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20 PPM ALIPHATIC HC STD



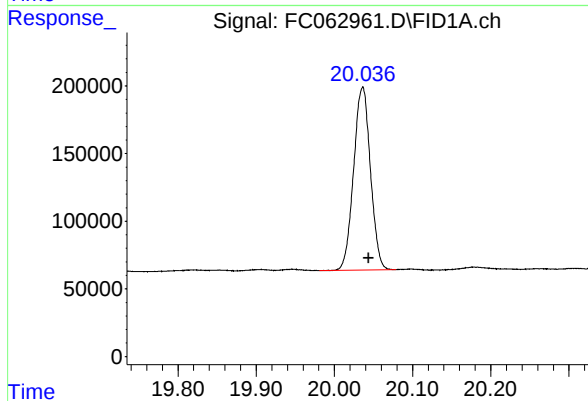
#18 n-Dotriacontane (C32)

R.T.: 18.516 min
Delta R.T.: -0.007 min
Response: 2311814
Conc: 21.40 ug/ml



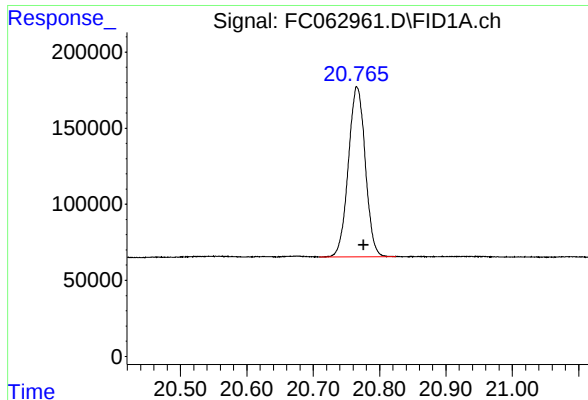
#19 n-Tetatriacontane (C34)

R.T.: 19.300 min
Delta R.T.: -0.005 min
Response: 2151279
Conc: 20.47 ug/ml



#20 n-Hexatriacontane (C36)

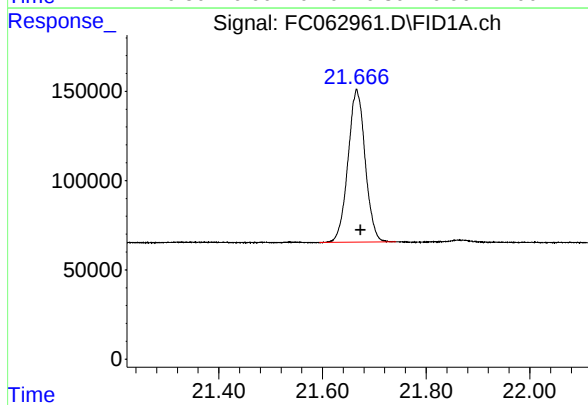
R.T.: 20.036 min
Delta R.T.: -0.007 min
Response: 2018081
Conc: 20.04 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.766 min
Delta R.T.: -0.010 min
Response: 1980304
Conc: 19.72 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.666 min
Delta R.T.: -0.008 min
Response: 1965051
Conc: 20.39 ug/ml