

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022123AL\
 Data File : FC062958.D
 Signal(s) : FID1A.ch
 Acq On : 21 Feb 2023 11:17
 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 05:36:00 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	2284386	18.371 ug/ml
Spiked Amount 50.000		Recovery =	36.74%
12) S 1-chlorooctadecane (S...	12.976	1740391	18.452 ug/ml
Spiked Amount 50.000		Recovery =	36.90%
Target Compounds			
1) T n-Nonane (C9)	3.297	2021574	18.706 ug/ml
2) T n-Decane (C10)	4.363	1998836	19.239 ug/ml
3) T A~Naphthalene (C11.7)	5.947	2228965	18.847 ug/ml
4) T n-Dodecane (C12)	6.383	2004669	19.392 ug/ml
5) T A~2-methylnaphthalene...	7.005	2089203	19.095 ug/ml
6) T n-Tetradecane (C14)	8.180	1961848	19.123 ug/ml
7) T n-Hexadecane (C16)	9.782	2034068	18.800 ug/ml
8) T n-Octadecane (C18)	11.224	2064220	18.620 ug/ml
10) T n-Eicosane (C20)	12.532	2032312	18.640 ug/ml
11) T n-Heneicosane (C21)	13.144	2028883	18.640 ug/ml
13) T n-Docosane (C22)	13.731	2036940	18.907 ug/ml
14) T n-Tetracosane (C24)	14.832	2094787	19.560 ug/ml
15) T n-Hexacosane (C26)	15.852	2157251	20.471 ug/ml
16) T n-Octacosane (C28)	16.800	2210668	21.157 ug/ml
17) T n-Tricontane (C30)	17.686	2284455	21.878 ug/ml
18) T n-Dotriacontane (C32)	18.518	2291963	21.219 ug/ml
19) T n-Tetratriacontane (C34)	19.299	2137632	20.337 ug/ml
20) T n-Hexatriacontane (C36)	20.038	2013787	19.997 ug/ml
21) T n-Octatriacontane (C38)	20.765	1964329	19.565 ug/ml
22) T n-Tetracontane (C40)	21.668	1957045	20.304 ug/ml

(f)=RT Delta > 1/2 Window

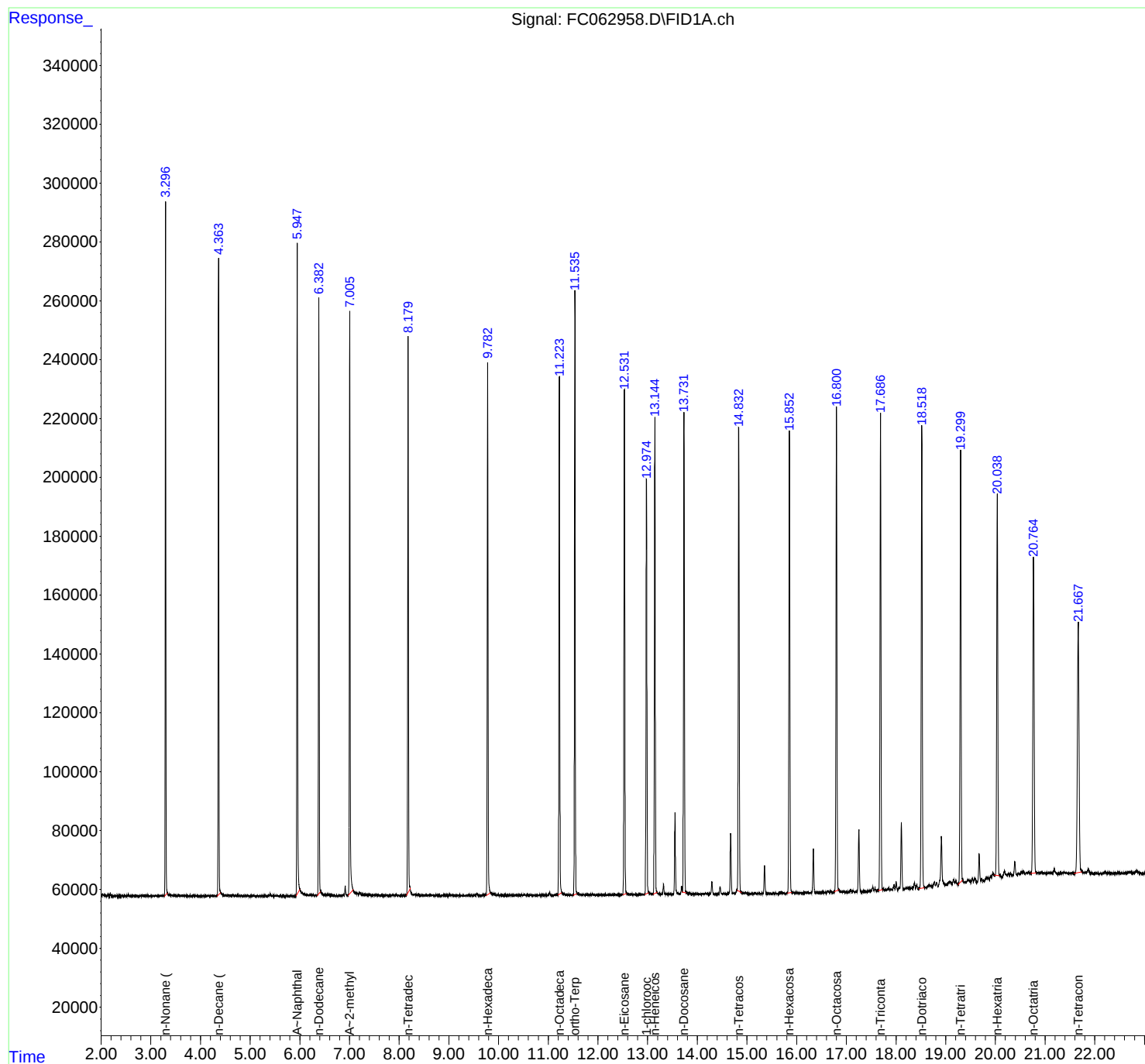
(m)=manual int.

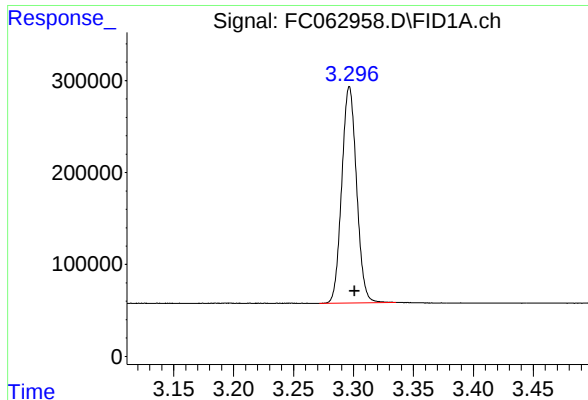
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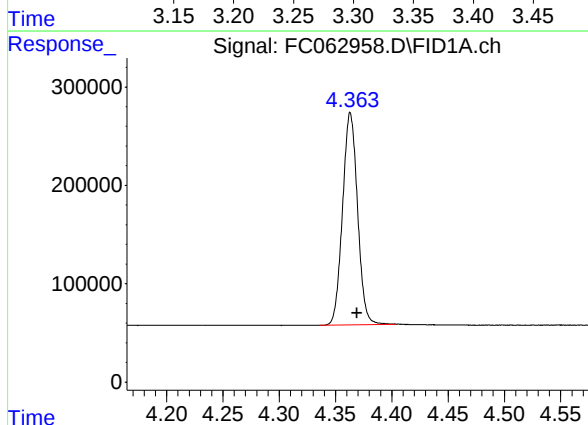




#1 n-Nonane (C9)

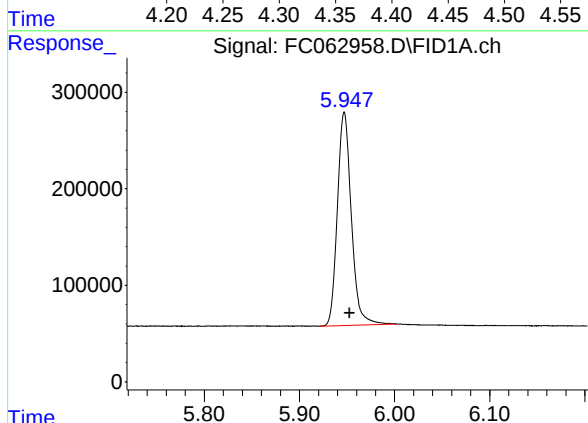
R.T.: 3.297 min
Delta R.T.: -0.004 min
Response: 2021574
Conc: 18.71 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



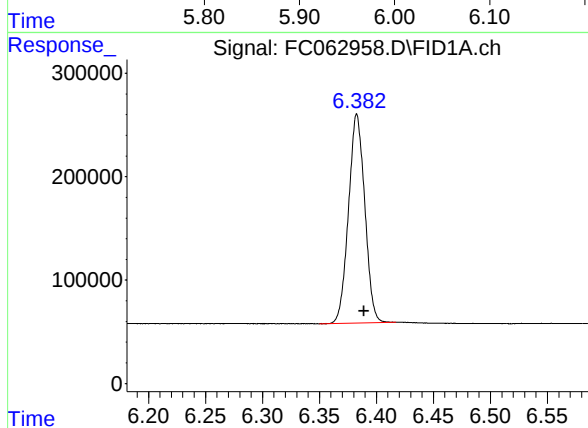
#2 n-Decane (C10)

R.T.: 4.363 min
Delta R.T.: -0.006 min
Response: 1998836
Conc: 19.24 ug/ml



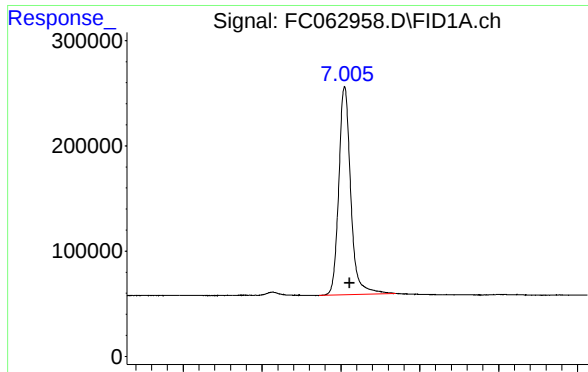
#3 A~Naphthalene (C11.7)

R.T.: 5.947 min
Delta R.T.: -0.006 min
Response: 2228965
Conc: 18.85 ug/ml



#4 n-Dodecane (C12)

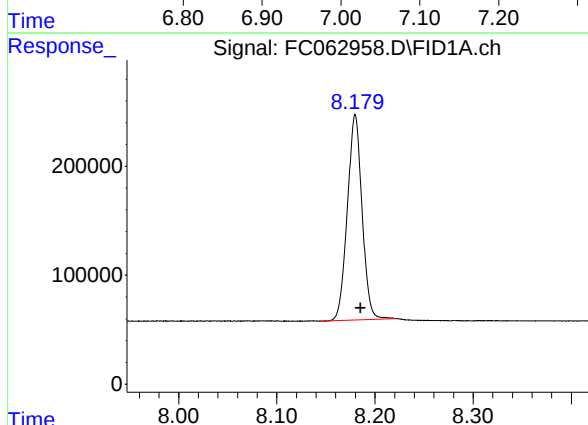
R.T.: 6.383 min
Delta R.T.: -0.006 min
Response: 2004669
Conc: 19.39 ug/ml



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

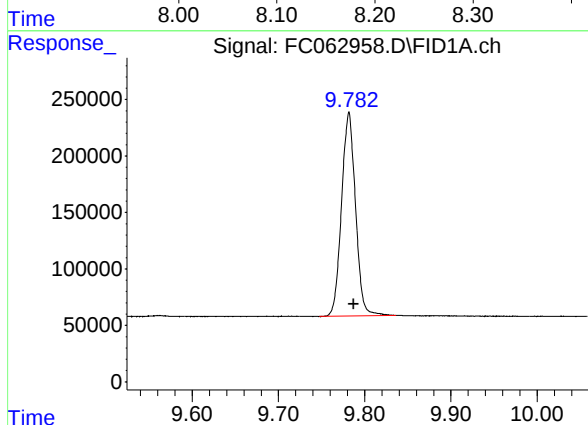
R.T.: 7.005 min
Delta R.T.: -0.006 min
Response: 2089203
Conc: 19.09 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



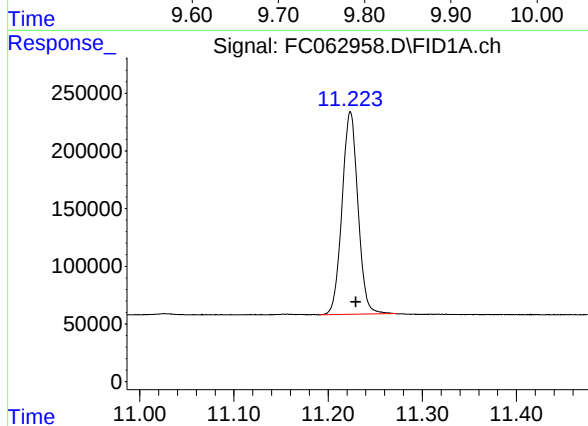
#6 n-Tetradecane (C14)

R.T.: 8.180 min
Delta R.T.: -0.005 min
Response: 1961848
Conc: 19.12 ug/ml



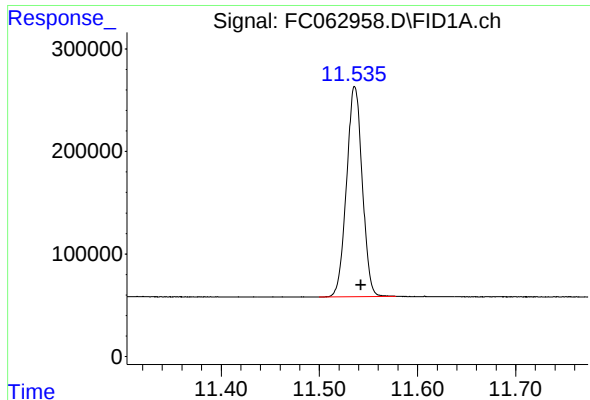
#7 n-Hexadecane (C16)

R.T.: 9.782 min
Delta R.T.: -0.005 min
Response: 2034068
Conc: 18.80 ug/ml



#8 n-Octadecane (C18)

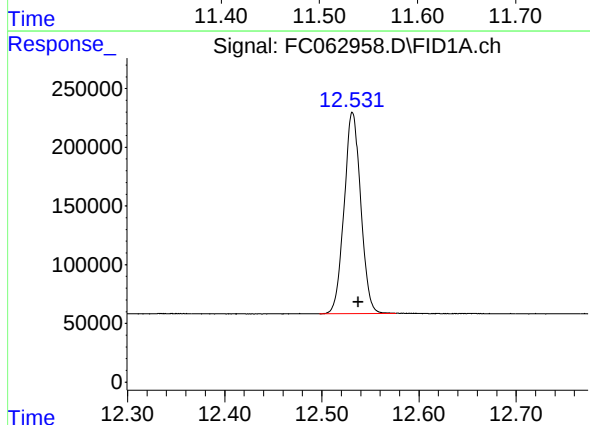
R.T.: 11.224 min
Delta R.T.: -0.006 min
Response: 2064220
Conc: 18.62 ug/ml



#9 ortho-Terphenyl (SURR)

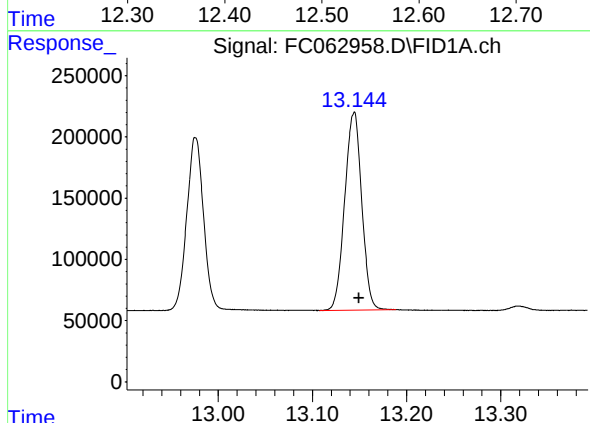
R.T.: 11.536 min
Delta R.T.: -0.006 min
Response: 2284386
Conc: 18.37 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



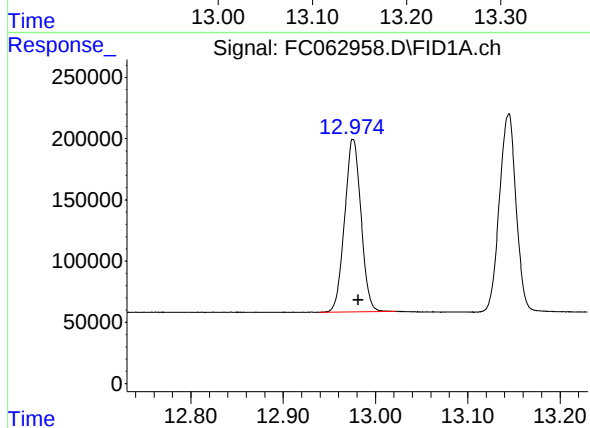
#10 n-Eicosane (C20)

R.T.: 12.532 min
Delta R.T.: -0.006 min
Response: 2032312
Conc: 18.64 ug/ml



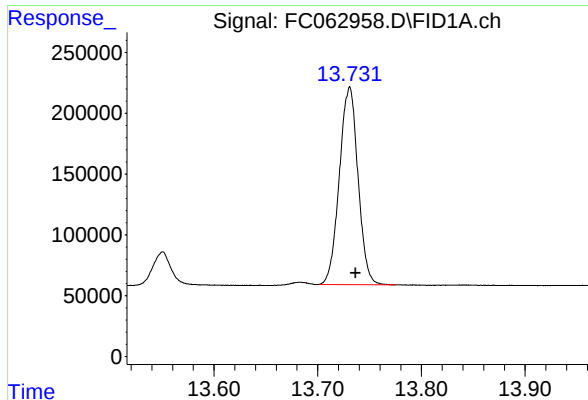
#11 n-Heneicosane (C21)

R.T.: 13.144 min
Delta R.T.: -0.005 min
Response: 2028883
Conc: 18.64 ug/ml



#12 1-chlorooctadecane (SURR)

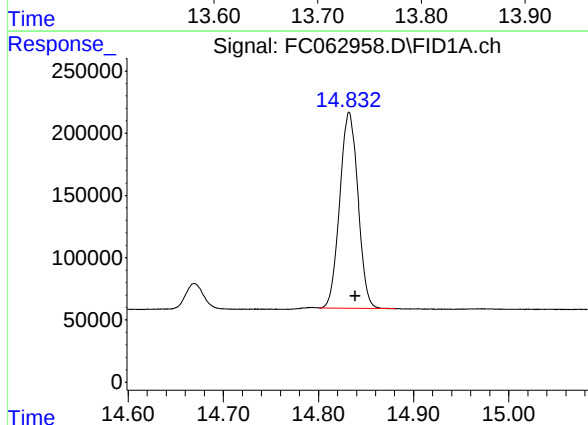
R.T.: 12.976 min
Delta R.T.: -0.006 min
Response: 1740391
Conc: 18.45 ug/ml



#13 n-Docosane (C22)

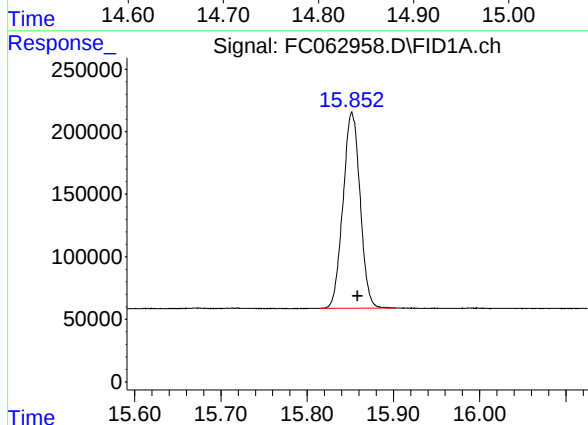
R.T.: 13.731 min
Delta R.T.: -0.006 min
Response: 2036940
Conc: 18.91 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



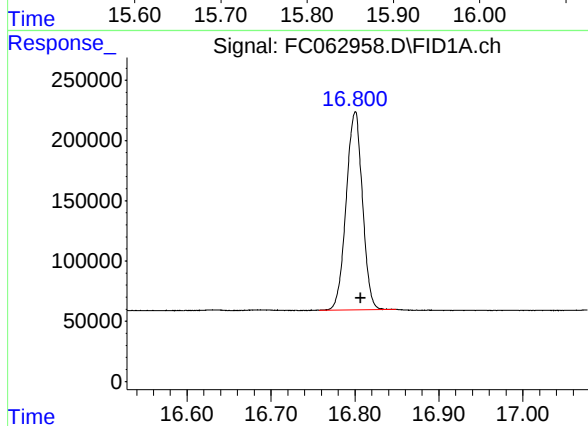
#14 n-Tetracosane (C24)

R.T.: 14.832 min
Delta R.T.: -0.006 min
Response: 2094787
Conc: 19.56 ug/ml



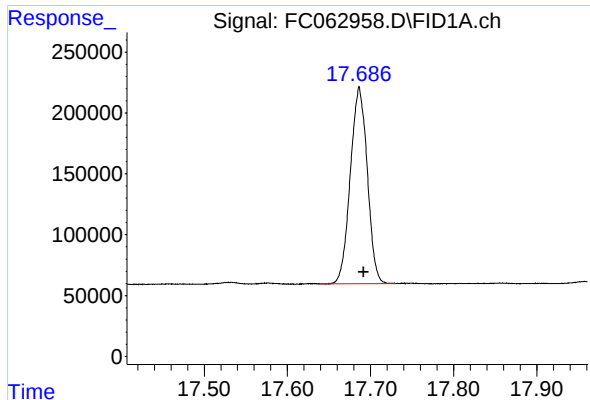
#15 n-Hexacosane (C26)

R.T.: 15.852 min
Delta R.T.: -0.007 min
Response: 2157251
Conc: 20.47 ug/ml



#16 n-Octacosane (C28)

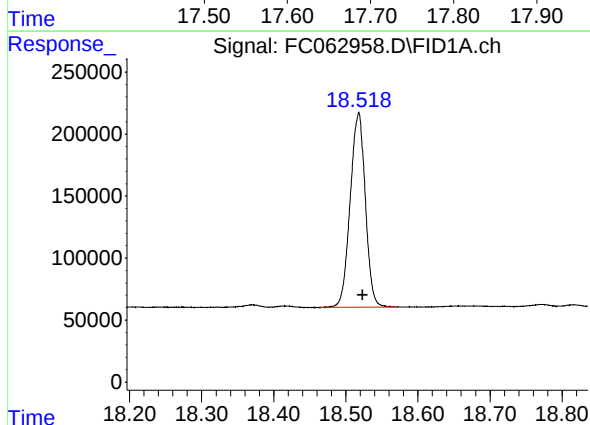
R.T.: 16.800 min
Delta R.T.: -0.007 min
Response: 2210668
Conc: 21.16 ug/ml



#17 n-Tricontane (C30)

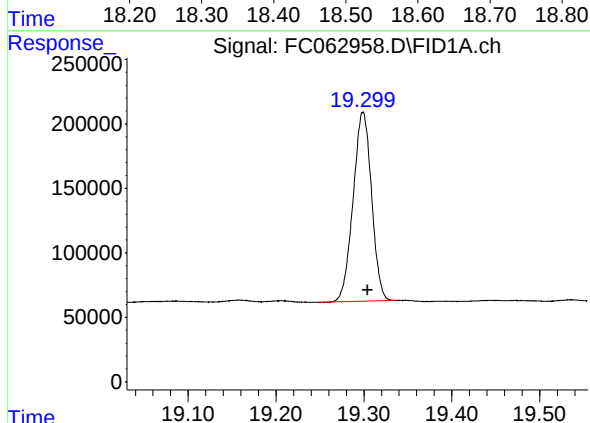
R.T.: 17.686 min
Delta R.T.: -0.005 min
Response: 2284455
Conc: 21.88 ug/ml

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20 PPM ALIPHATIC HC STD



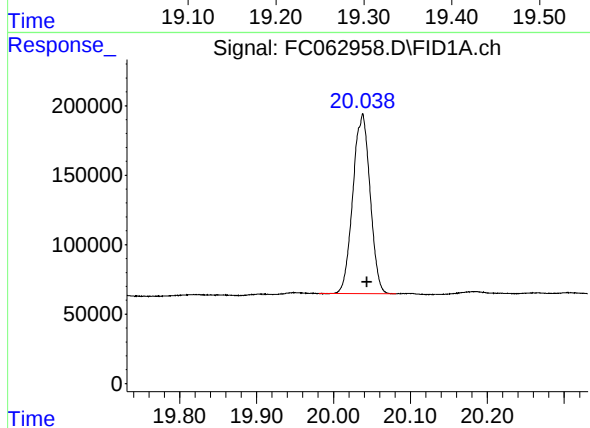
#18 n-Dotriacontane (C32)

R.T.: 18.518 min
Delta R.T.: -0.005 min
Response: 2291963
Conc: 21.22 ug/ml



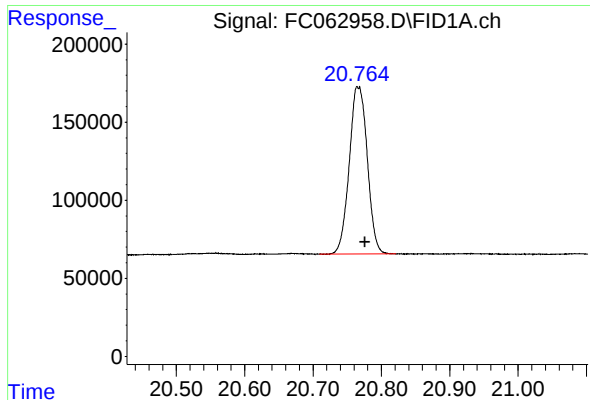
#19 n-Tetatriacontane (C34)

R.T.: 19.299 min
Delta R.T.: -0.006 min
Response: 2137632
Conc: 20.34 ug/ml



#20 n-Hexatriacontane (C36)

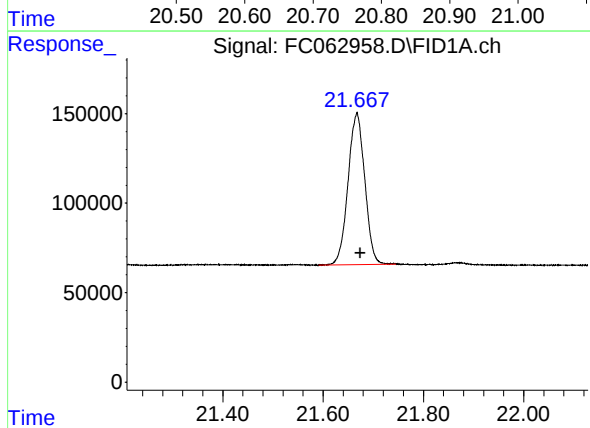
R.T.: 20.038 min
Delta R.T.: -0.006 min
Response: 2013787
Conc: 20.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.765 min
Delta R.T.: -0.011 min
Response: 1964329
Conc: 19.56 ug/ml

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FID_C
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.668 min
Delta R.T.: -0.006 min
Response: 1957045
Conc: 20.30 ug/ml