

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022023AL\
 Data File : FC062937.D
 Signal(s) : FID1A.ch
 Acq On : 20 Feb 2023 12:16
 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 21 02:20:18 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	2561886	20.603 ug/ml
Spiked Amount 50.000		Recovery =	41.21%
12) S 1-chlorooctadecane (S...	12.975	1930409	20.467 ug/ml
Spiked Amount 50.000		Recovery =	40.93%
Target Compounds			
1) T n-Nonane (C9)	3.296	2336888	21.623 ug/ml
2) T n-Decane (C10)	4.363	2289077	22.032 ug/ml
3) T A~Naphthalene (C11.7)	5.947	2553793	21.593 ug/ml
4) T n-Dodecane (C12)	6.384	2289079	22.144 ug/ml
5) T A~2-methylnaphthalene...	7.005	2368866	21.651 ug/ml
6) T n-Tetradecane (C14)	8.179	2239556	21.830 ug/ml
7) T n-Hexadecane (C16)	9.780	2284374	21.114 ug/ml
8) T n-Octadecane (C18)	11.223	2316685	20.897 ug/ml
10) T n-Eicosane (C20)	12.532	2252577	20.660 ug/ml
11) T n-Heneicosane (C21)	13.143	2261017	20.773 ug/ml
13) T n-Docosane (C22)	13.729	2230699	20.706 ug/ml
14) T n-Tetracosane (C24)	14.832	2228711	20.810 ug/ml
15) T n-Hexacosane (C26)	15.852	2203190	20.907 ug/ml
16) T n-Octacosane (C28)	16.800	2193792	20.995 ug/ml
17) T n-Tricontane (C30)	17.687	2196994	21.040 ug/ml
18) T n-Dotriacontane (C32)	18.516	2217964	20.534 ug/ml
19) T n-Tetratriacontane (C34)	19.297	2212497	21.049 ug/ml
20) T n-Hexatriacontane (C36)	20.035	2139968	21.250 ug/ml
21) T n-Octatriacontane (C38)	20.766	2139166	21.306 ug/ml
22) T n-Tetracontane (C40)	21.668	2135744	22.158 ug/ml

(f)=RT Delta > 1/2 Window

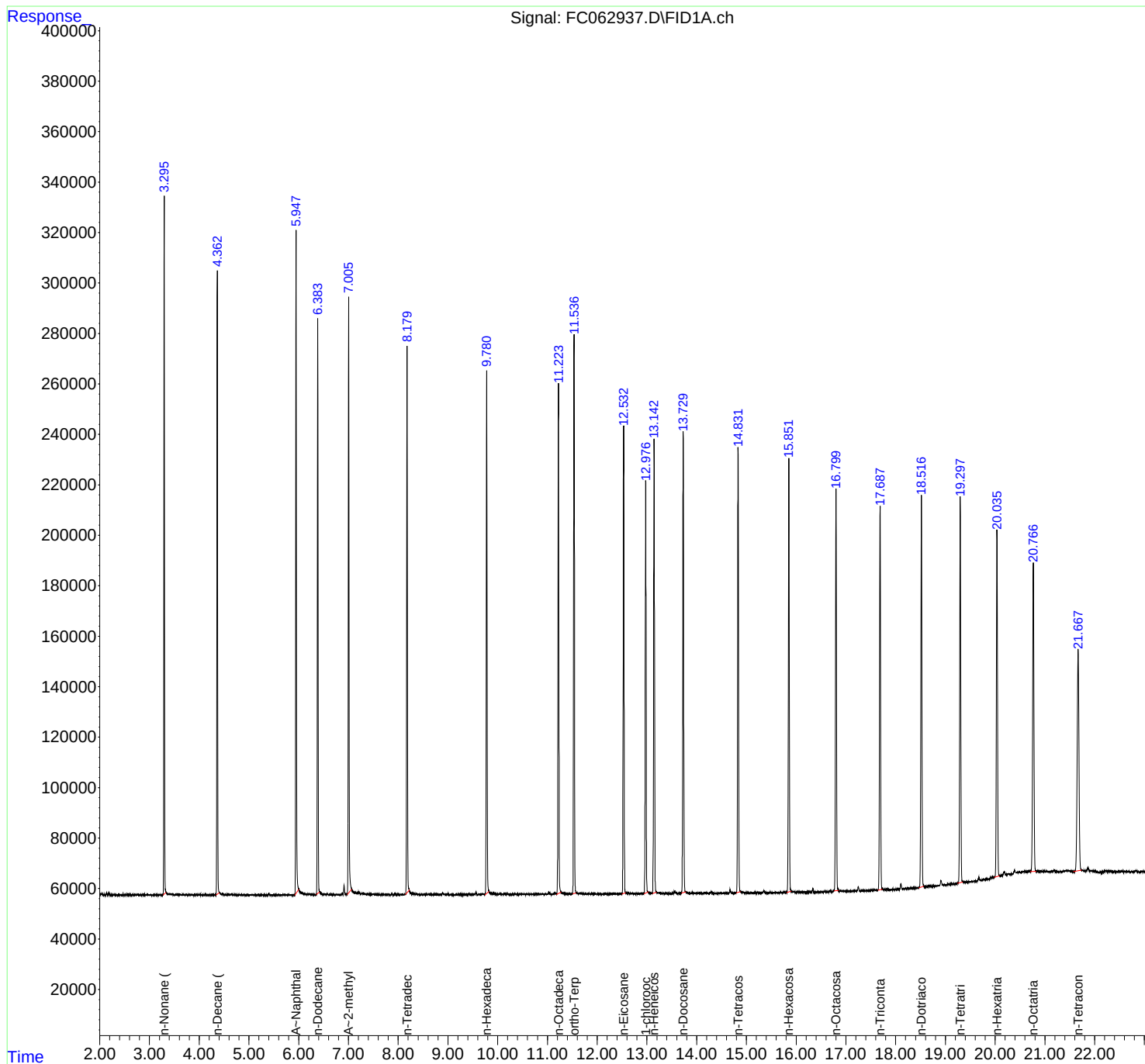
(m)=manual int.

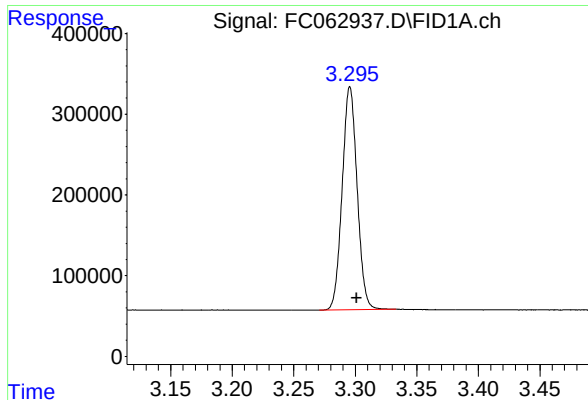
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022023AL\
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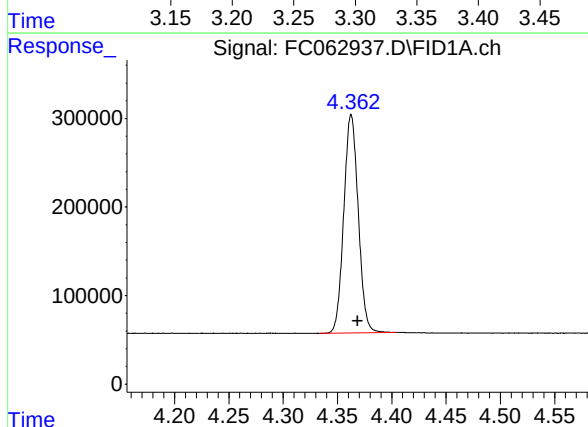




#1 n-Nonane (C9)

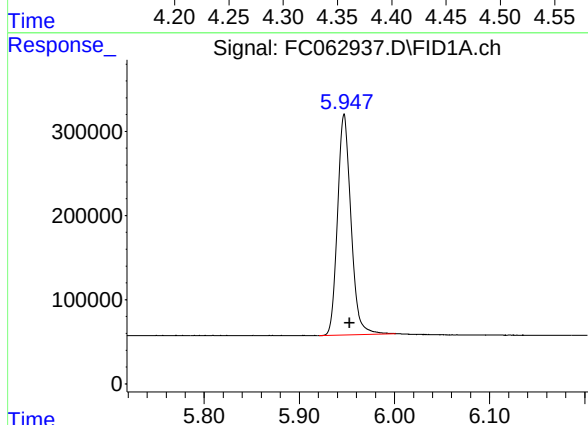
R.T.: 3.296 min
Delta R.T.: -0.005 min
Response: 2336888
Conc: 21.62 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



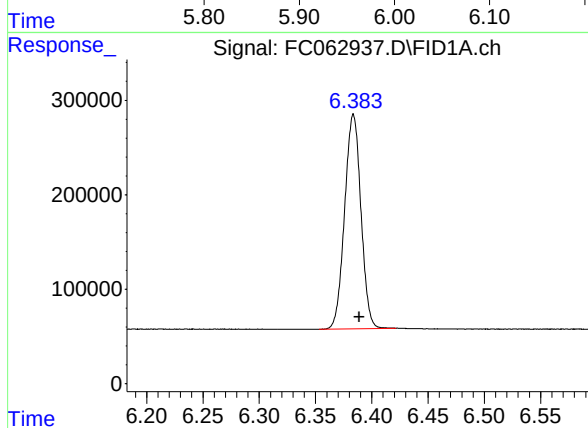
#2 n-Decane (C10)

R.T.: 4.363 min
Delta R.T.: -0.006 min
Response: 2289077
Conc: 22.03 ug/ml



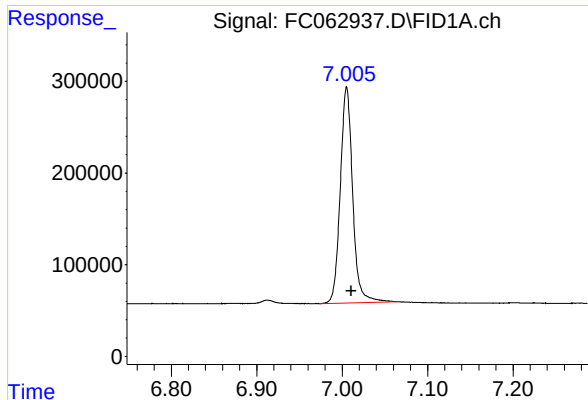
#3 A~Naphthalene (C11.7)

R.T.: 5.947 min
Delta R.T.: -0.006 min
Response: 2553793
Conc: 21.59 ug/ml



#4 n-Dodecane (C12)

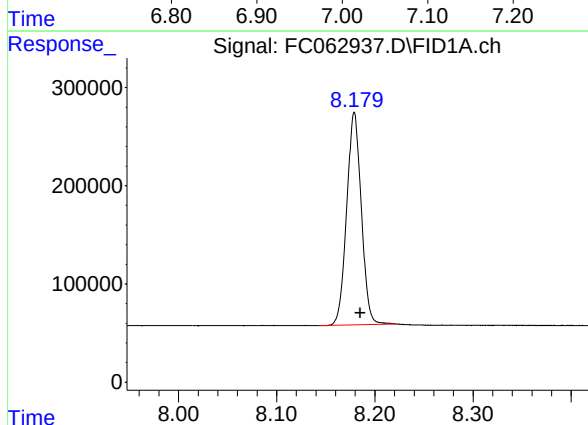
R.T.: 6.384 min
Delta R.T.: -0.005 min
Response: 2289079
Conc: 22.14 ug/ml



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

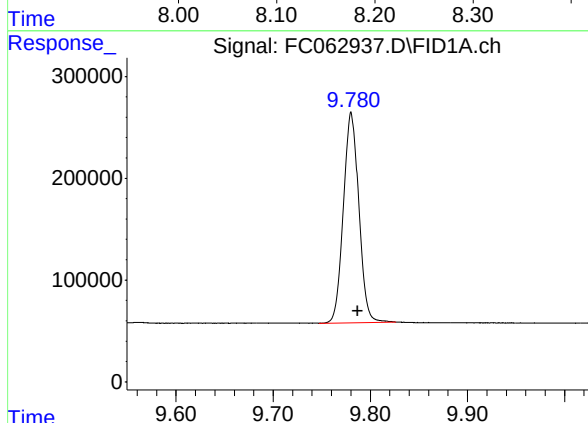
R.T.: 7.005 min
Delta R.T.: -0.005 min
Response: 2368866
Conc: 21.65 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



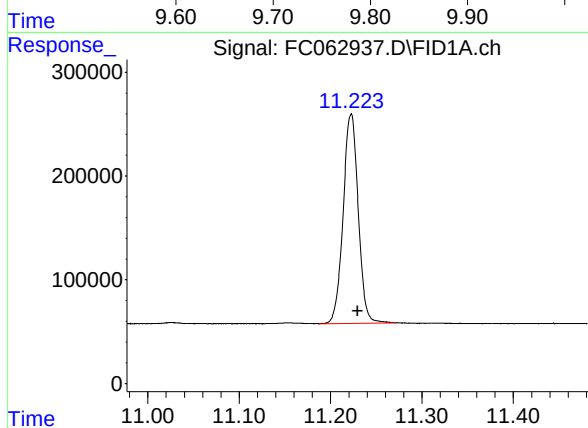
#6 n-Tetradecane (C14)

R.T.: 8.179 min
Delta R.T.: -0.006 min
Response: 2239556
Conc: 21.83 ug/ml



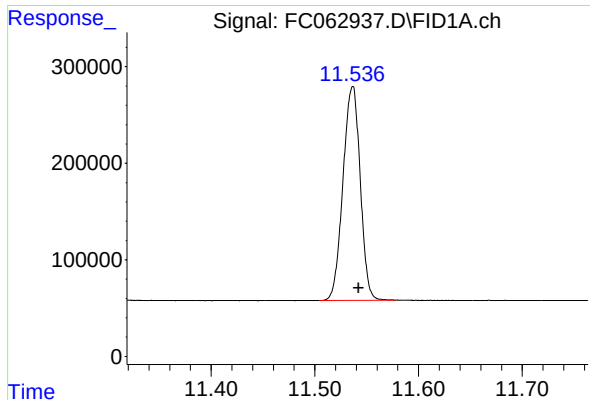
#7 n-Hexadecane (C16)

R.T.: 9.780 min
Delta R.T.: -0.007 min
Response: 2284374
Conc: 21.11 ug/ml



#8 n-Octadecane (C18)

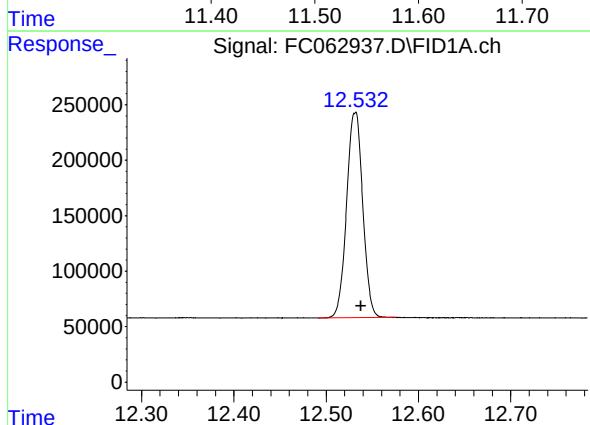
R.T.: 11.223 min
Delta R.T.: -0.007 min
Response: 2316685
Conc: 20.90 ug/ml



#9 ortho-Terphenyl (SURR)

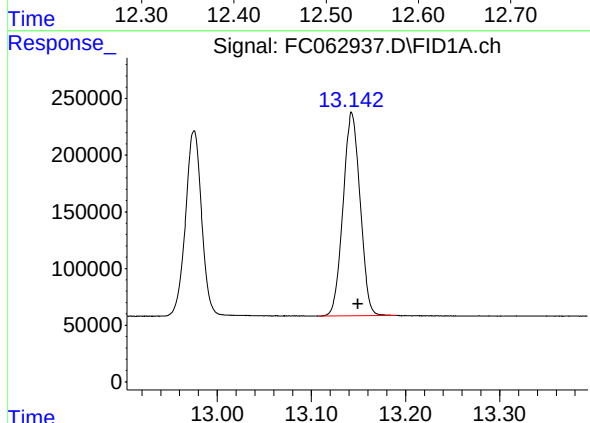
R.T.: 11.536 min
Delta R.T.: -0.006 min
Response: 2561886
Conc: 20.60 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



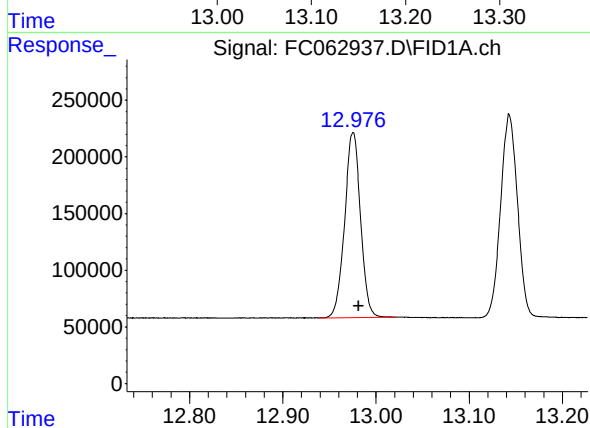
#10 n-Eicosane (C20)

R.T.: 12.532 min
Delta R.T.: -0.006 min
Response: 2252577
Conc: 20.66 ug/ml



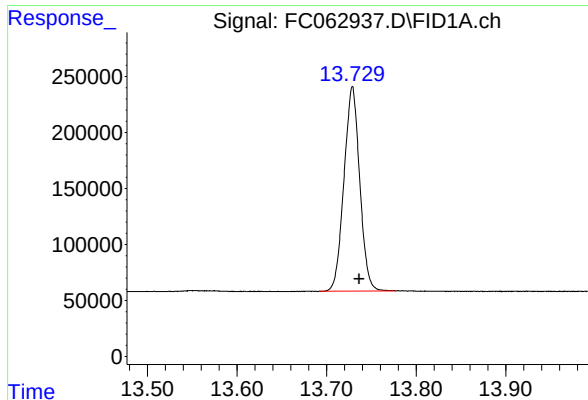
#11 n-Heneicosane (C21)

R.T.: 13.143 min
Delta R.T.: -0.007 min
Response: 2261017
Conc: 20.77 ug/ml



#12 1-chlorooctadecane (SURR)

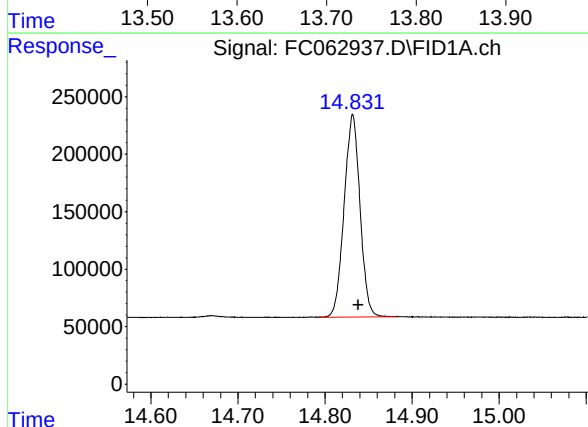
R.T.: 12.975 min
Delta R.T.: -0.006 min
Response: 1930409
Conc: 20.47 ug/ml



#13 n-Docosane (C22)

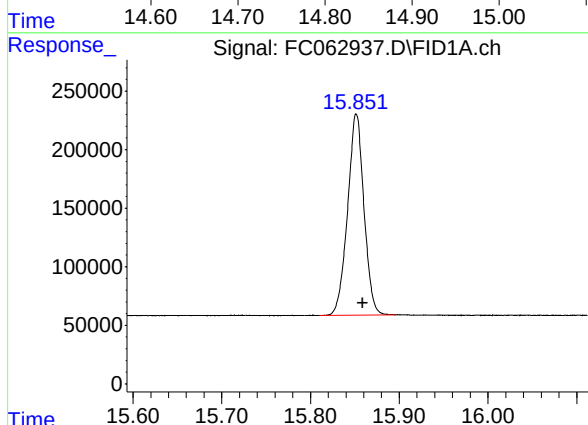
R.T.: 13.729 min
Delta R.T.: -0.008 min
Response: 2230699
Conc: 20.71 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



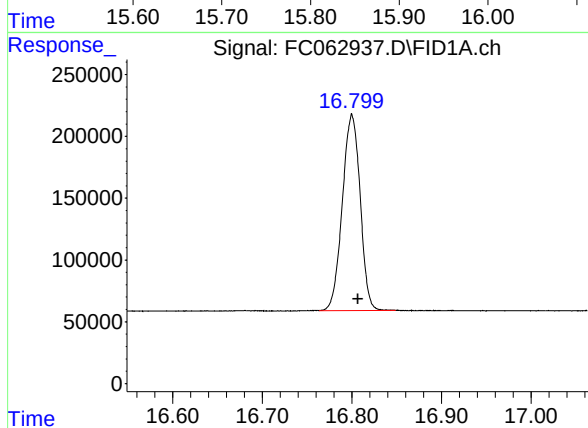
#14 n-Tetracosane (C24)

R.T.: 14.832 min
Delta R.T.: -0.007 min
Response: 2228711
Conc: 20.81 ug/ml



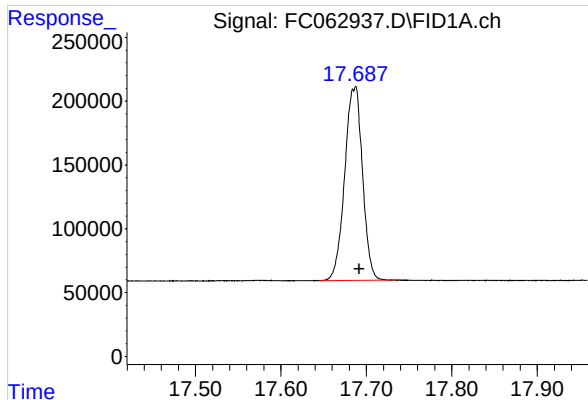
#15 n-Hexacosane (C26)

R.T.: 15.852 min
Delta R.T.: -0.007 min
Response: 2203190
Conc: 20.91 ug/ml



#16 n-Octacosane (C28)

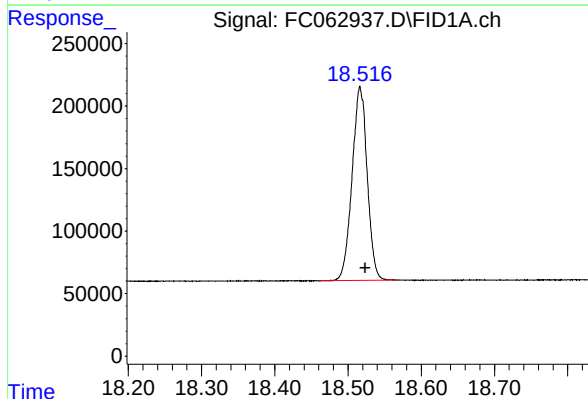
R.T.: 16.800 min
Delta R.T.: -0.007 min
Response: 2193792
Conc: 21.00 ug/ml



#17 n-Tricontane (C30)

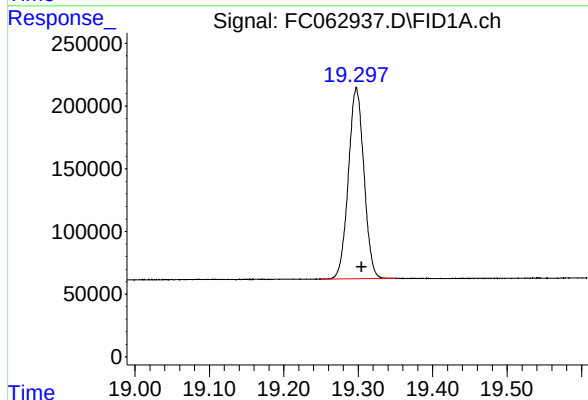
R.T.: 17.687 min
Delta R.T.: -0.005 min
Response: 2196994
Conc: 21.04 ug/ml

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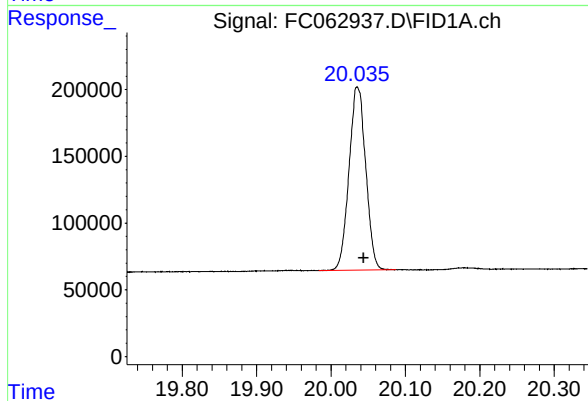
#18 n-Dotriacontane (C32)

R.T.: 18.516 min
Delta R.T.: -0.007 min
Response: 2217964
Conc: 20.53 ug/ml



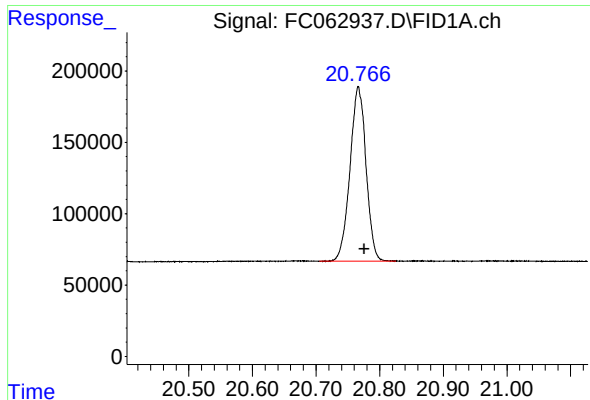
#19 n-Tetratriacontane (C34)

R.T.: 19.297 min
Delta R.T.: -0.007 min
Response: 2212497
Conc: 21.05 ug/ml



#20 n-Hexatriacontane (C36)

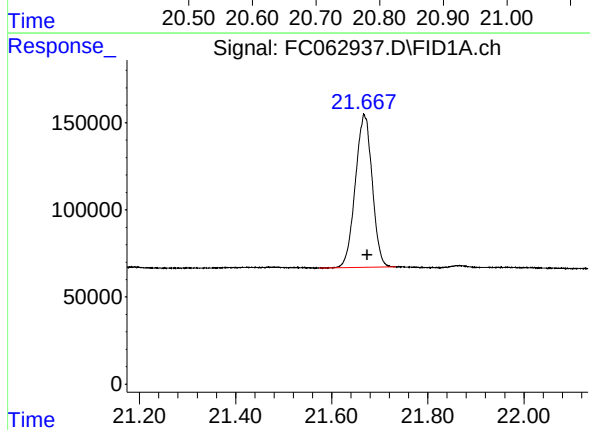
R.T.: 20.035 min
Delta R.T.: -0.008 min
Response: 2139968
Conc: 21.25 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.766 min
Delta R.T.: -0.010 min
Response: 2139166
Conc: 21.31 ug/ml

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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: 2135744
Conc: 22.16 ug/ml