

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052120AL\
 Data File : FC047534.D
 Signal(s) : FID1A.CH
 Acq On : 21 May 2020 8:50
 Operator : DD\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: May 22 01:57:15 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 050820.M
 Quant Title : GC Extractables
 QLast Update : Fri May 08 16:49:27 2020
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)	11.737	2514980	21.039 ug/ml
Spiked Amount 50.000		Recovery =	42.08%
12) S 1-chlorooctadecane (S...	13.150	2033425	20.732 ug/ml
Spiked Amount 50.000		Recovery =	41.46%
Target Compounds			
1) T n-Nonane (C9)	3.545	2375389	23.431 ug/ml
2) T n-Decane (C10)	4.609	2418348	23.666 ug/ml
3) T A~Naphthalene (C11.7)	6.206	2425513	23.293 ug/ml
4) T n-Dodecane (C12)	6.609	2473638	23.419 ug/ml
5) T A~2-methylnaphthalene...	7.253	2443749	23.271 ug/ml
6) T n-Tetradecane (C14)	8.387	2450939	23.171 ug/ml
7) T n-Hexadecane (C16)	9.974	2380770	22.501 ug/ml
8) T n-Octadecane (C18)	11.404	2449123	21.872 ug/ml
10) T n-Eicosane (C20)	12.703	2414958	21.224 ug/ml
11) T n-Heneicosane (C21)	13.311	2378488	20.921 ug/ml
13) T n-Docosane (C22)	13.893	2359335	20.762 ug/ml
14) T n-Tetracosane (C24)	14.989	2333573	20.625 ug/ml
15) T n-Hexacosane (C26)	16.003	2257901	20.159 ug/ml
16) T n-Octacosane (C28)	16.946	2234712	20.036 ug/ml
17) T n-Tricontane (C30)	17.829	2195958	20.310 ug/ml
18) T n-Dotriacontane (C32)	18.655	2038642	20.673 ug/ml
19) T n-Tetratriacontane (C34)	19.432	1916221	20.891 ug/ml
20) T n-Hexatriacontane (C36)	20.167	1841542	21.235 ug/ml
21) T n-Octatriacontane (C38)	20.919	1766260	21.890 ug/ml
22) T n-Tetracontane (C40)	21.862	1784843	21.948 ug/ml

(f)=RT Delta > 1/2 Window

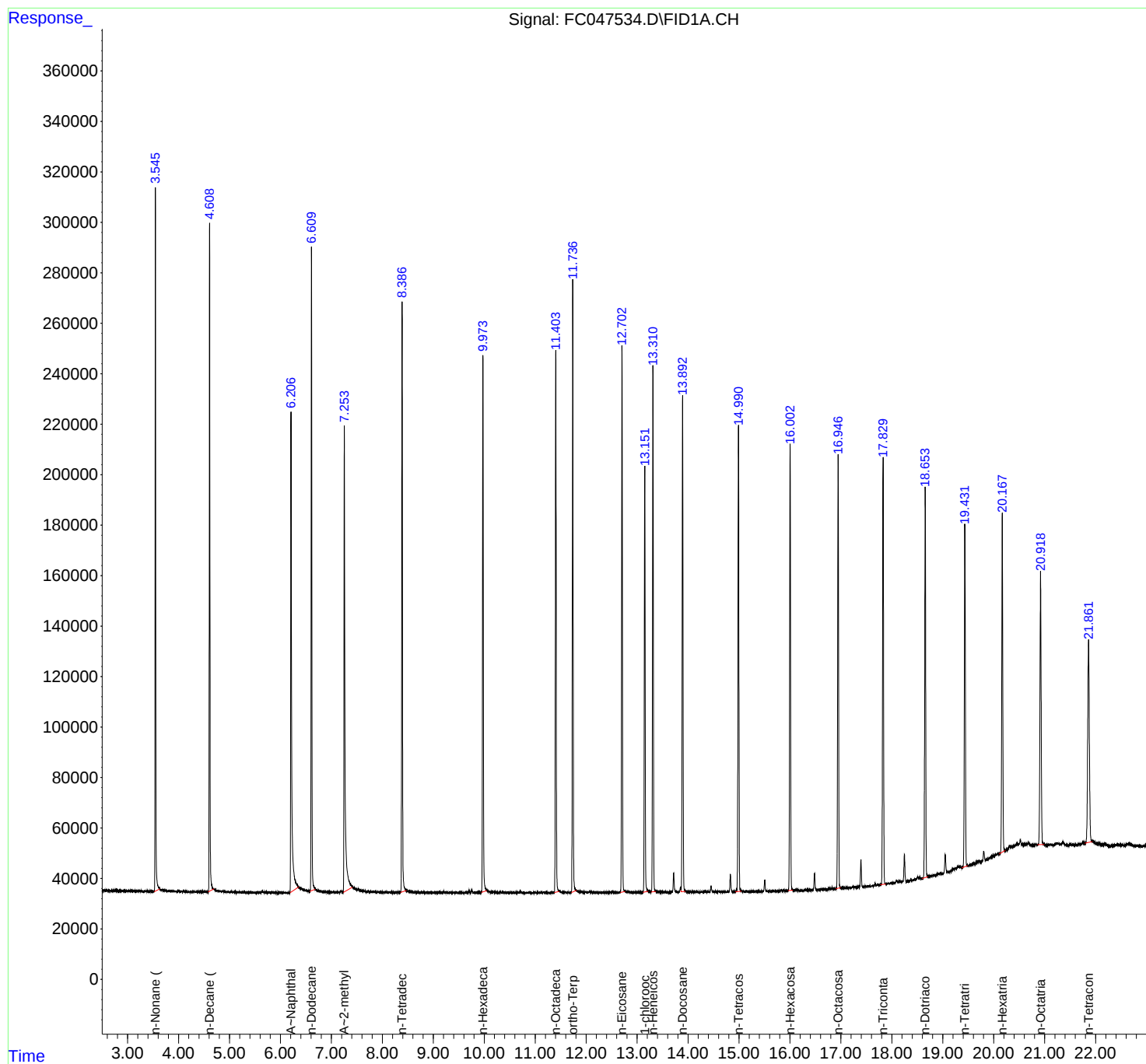
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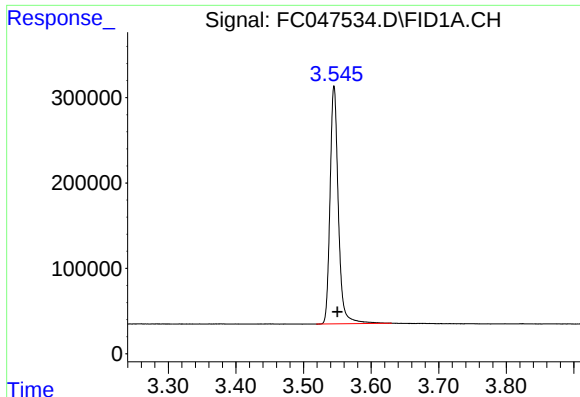
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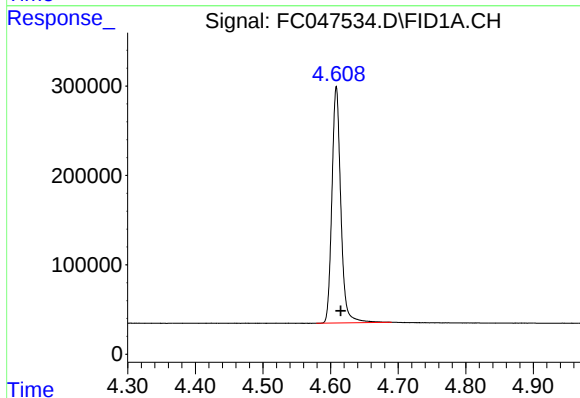




#1 n-Nonane (C9)

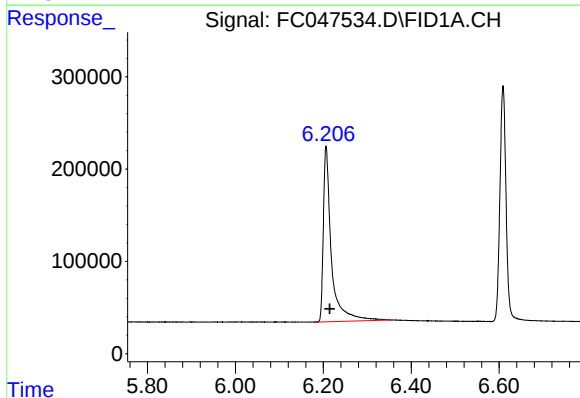
R.T.: 3.545 min
Delta R.T.: -0.005 min
Response: 2375389
Conc: 23.43 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



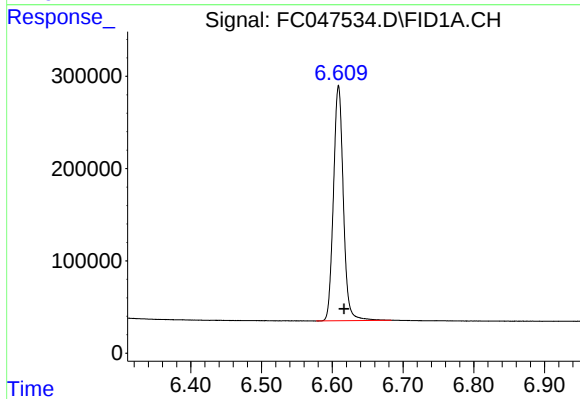
#2 n-Decane (C10)

R.T.: 4.609 min
Delta R.T.: -0.006 min
Response: 2418348
Conc: 23.67 ug/ml



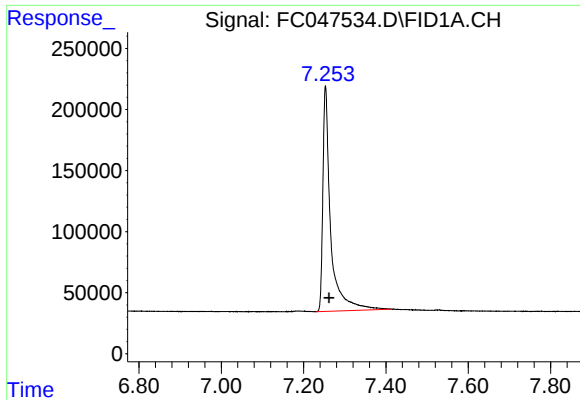
#3 A~Naphthalene (C11.7)

R.T.: 6.206 min
Delta R.T.: -0.008 min
Response: 2425513
Conc: 23.29 ug/ml



#4 n-Dodecane (C12)

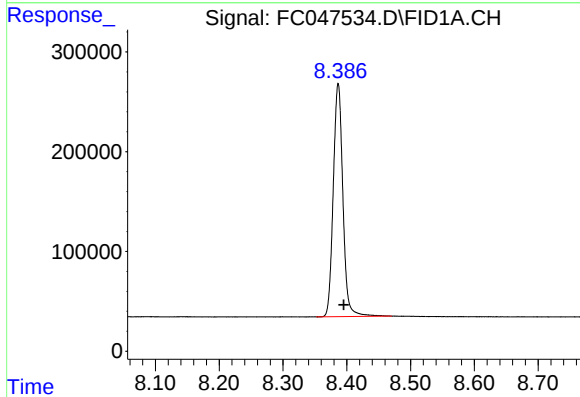
R.T.: 6.609 min
Delta R.T.: -0.008 min
Response: 2473638
Conc: 23.42 ug/ml



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

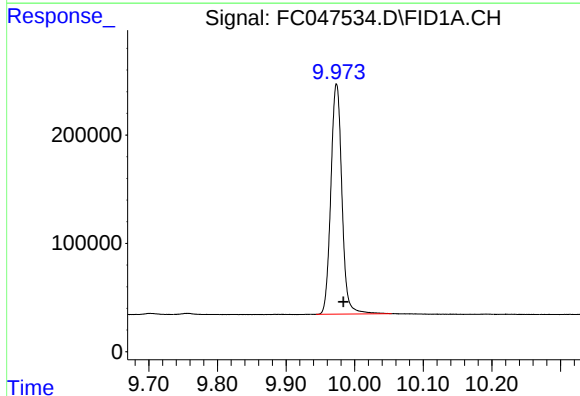
R.T.: 7.253 min
Delta R.T.: -0.009 min
Response: 2443749
Conc: 23.27 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



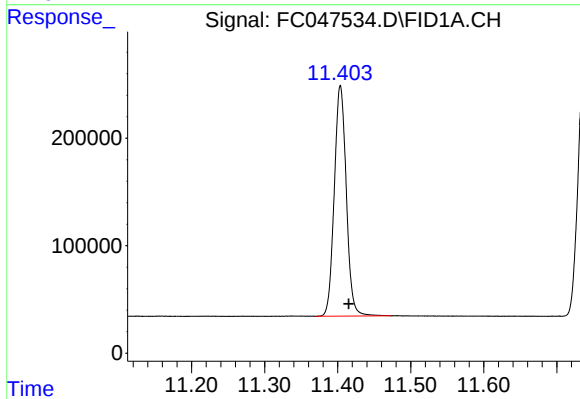
#6 n-Tetradecane (C14)

R.T.: 8.387 min
Delta R.T.: -0.008 min
Response: 2450939
Conc: 23.17 ug/ml



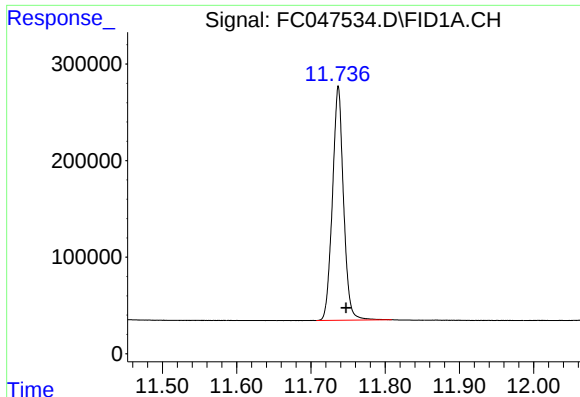
#7 n-Hexadecane (C16)

R.T.: 9.974 min
Delta R.T.: -0.010 min
Response: 2380770
Conc: 22.50 ug/ml



#8 n-Octadecane (C18)

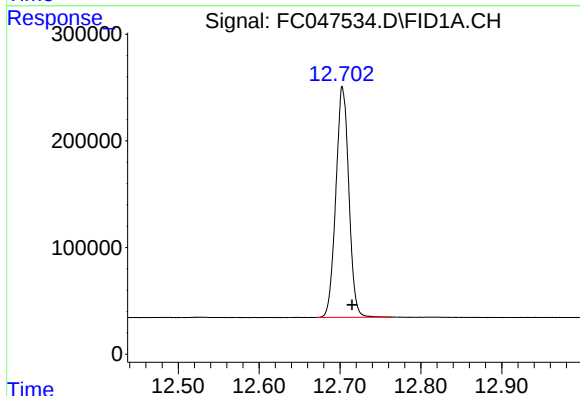
R.T.: 11.404 min
Delta R.T.: -0.011 min
Response: 2449123
Conc: 21.87 ug/ml



#9 ortho-Terphenyl (SURR)

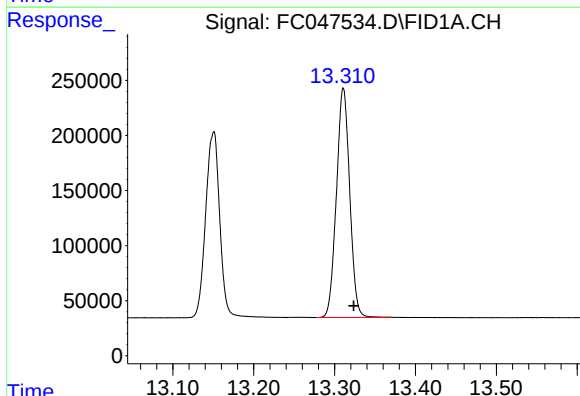
R.T.: 11.737 min
Delta R.T.: -0.011 min
Response: 2514980
Conc: 21.04 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



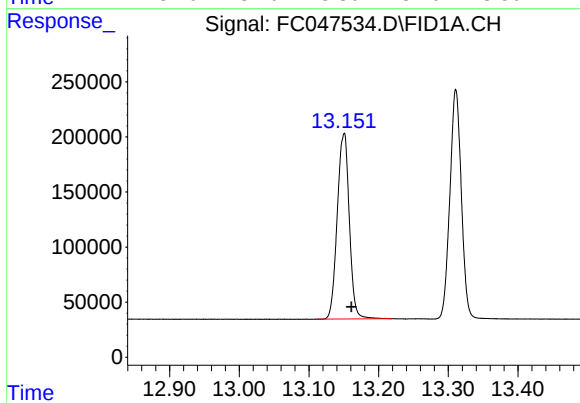
#10 n-Eicosane (C20)

R.T.: 12.703 min
Delta R.T.: -0.012 min
Response: 2414958
Conc: 21.22 ug/ml



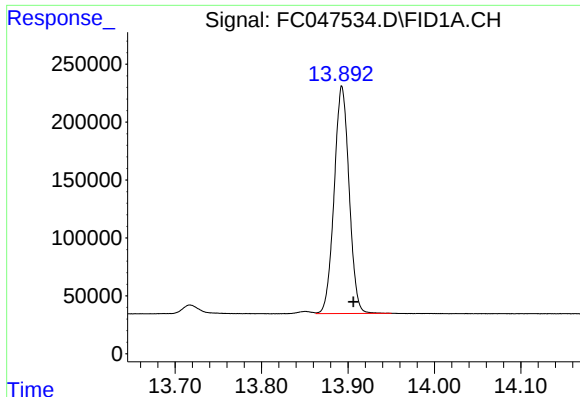
#11 n-Heneicosane (C21)

R.T.: 13.311 min
Delta R.T.: -0.013 min
Response: 2378488
Conc: 20.92 ug/ml



#12 1-chlorooctadecane (SURR)

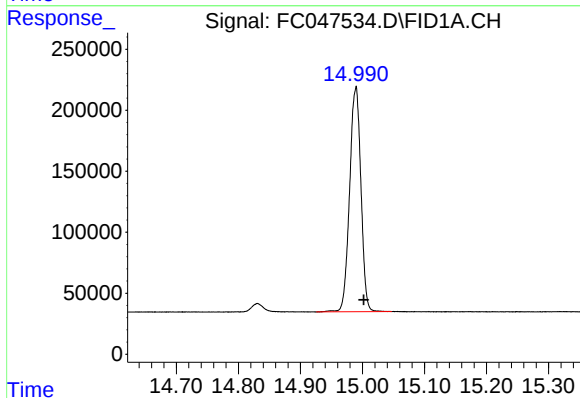
R.T.: 13.150 min
Delta R.T.: -0.011 min
Response: 2033425
Conc: 20.73 ug/ml



#13 n-Docosane (C22)

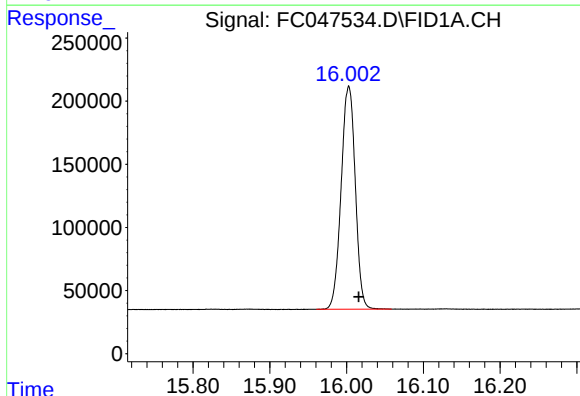
R.T.: 13.893 min
Delta R.T.: -0.013 min
Response: 2359335
Conc: 20.76 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



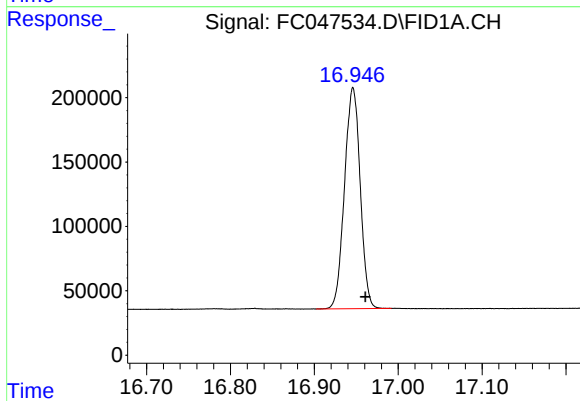
#14 n-Tetracosane (C24)

R.T.: 14.989 min
Delta R.T.: -0.013 min
Response: 2333573
Conc: 20.62 ug/ml



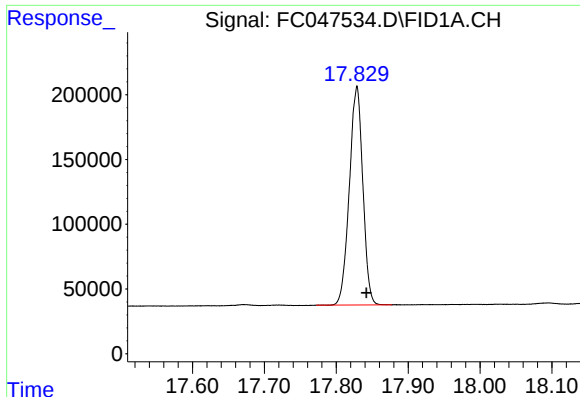
#15 n-Hexacosane (C26)

R.T.: 16.003 min
Delta R.T.: -0.013 min
Response: 2257901
Conc: 20.16 ug/ml



#16 n-Octacosane (C28)

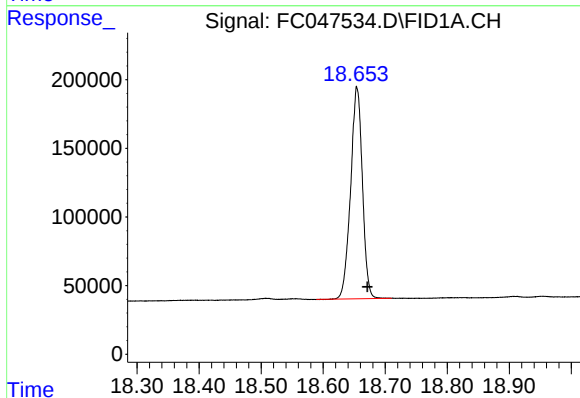
R.T.: 16.946 min
Delta R.T.: -0.015 min
Response: 2234712
Conc: 20.04 ug/ml



#17 n-Tricontane (C30)

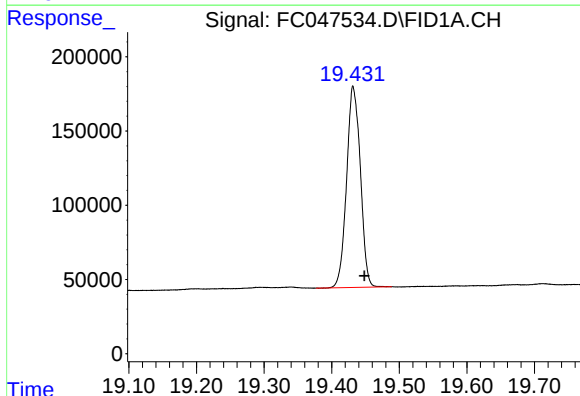
R.T.: 17.829 min
Delta R.T.: -0.013 min
Response: 2195958
Conc: 20.31 ug/ml

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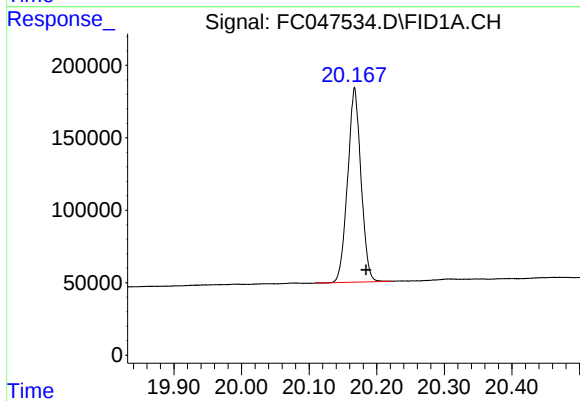
#18 n-Dotriacontane (C32)

R.T.: 18.655 min
Delta R.T.: -0.017 min
Response: 2038642
Conc: 20.67 ug/ml



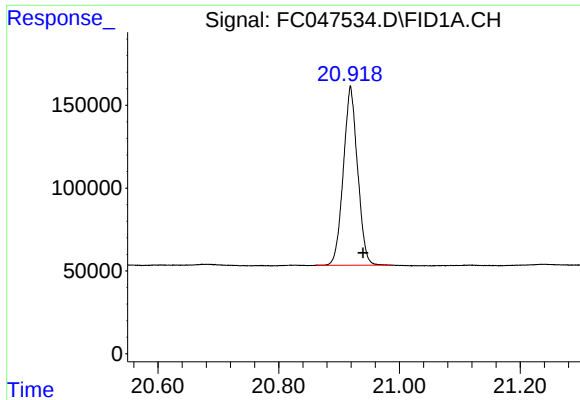
#19 n-Tetratriacontane (C34)

R.T.: 19.432 min
Delta R.T.: -0.016 min
Response: 1916221
Conc: 20.89 ug/ml



#20 n-Hexatriacontane (C36)

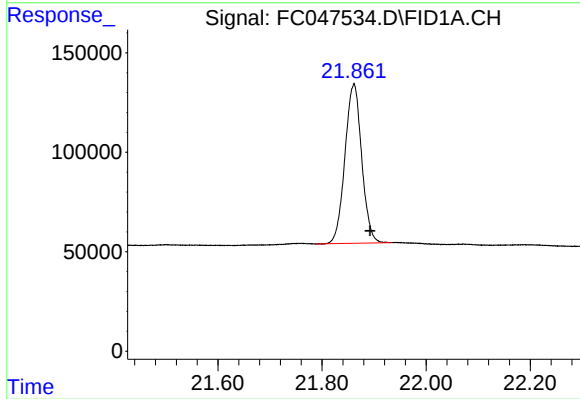
R.T.: 20.167 min
Delta R.T.: -0.017 min
Response: 1841542
Conc: 21.23 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.919 min
Delta R.T.: -0.021 min
Response: 1766260
Conc: 21.89 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.862 min
Delta R.T.: -0.031 min
Response: 1784843
Conc: 21.95 ug/ml