

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031821AL\
 Data File : FC052544.D
 Signal(s) : FID1A.CH
 Acq On : 19 Mar 2021 12:32
 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: Mar 19 12:58:57 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 031721.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 17 03:47:28 2021
 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)	11.567	2785729	20.783 ug/ml
Spiked Amount 50.000		Recovery =	41.57%
12) S 1-chlorooctadecane (S...	13.003	2207671	20.468 ug/ml
Spiked Amount 50.000		Recovery =	40.94%
Target Compounds			
1) T n-Nonane (C9)	3.327	2458505	21.167 ug/ml
2) T n-Decane (C10)	4.393	2489934	21.248 ug/ml
3) T A~Naphthalene (C11.7)	5.977	2782753	21.254 ug/ml
4) T n-Dodecane (C12)	6.412	2568336	21.391 ug/ml
5) T A~2-methylnaphthalene...	7.035	2856738	21.341 ug/ml
6) T n-Tetradecane (C14)	8.208	2588576	21.403 ug/ml
7) T n-Hexadecane (C16)	9.809	2557402	21.264 ug/ml
8) T n-Octadecane (C18)	11.251	2642864	20.947 ug/ml
10) T n-Eicosane (C20)	12.560	2626619	20.570 ug/ml
11) T n-Heneicosane (C21)	13.171	2597078	20.432 ug/ml
13) T n-Docosane (C22)	13.757	2555029	20.169 ug/ml
14) T n-Tetracosane (C24)	14.860	2472366	19.791 ug/ml
15) T n-Hexacosane (C26)	15.879	2333273	19.377 ug/ml
16) T n-Octacosane (C28)	16.828	2216560	19.225 ug/ml
17) T n-Tricontane (C30)	17.716	2123942	19.495 ug/ml
18) T n-Dotriacontane (C32)	18.546	2004964	19.982 ug/ml
19) T n-Tetratriacontane (C34)	19.328	1910832	20.788 ug/ml
20) T n-Hexatriacontane (C36)	20.067	1821792	19.978 ug/ml
21) T n-Octatriacontane (C38)	20.801	1767029	21.651 ug/ml
22) T n-Tetracontane (C40)	21.702	1849902	21.476 ug/ml

(f)=RT Delta > 1/2 Window

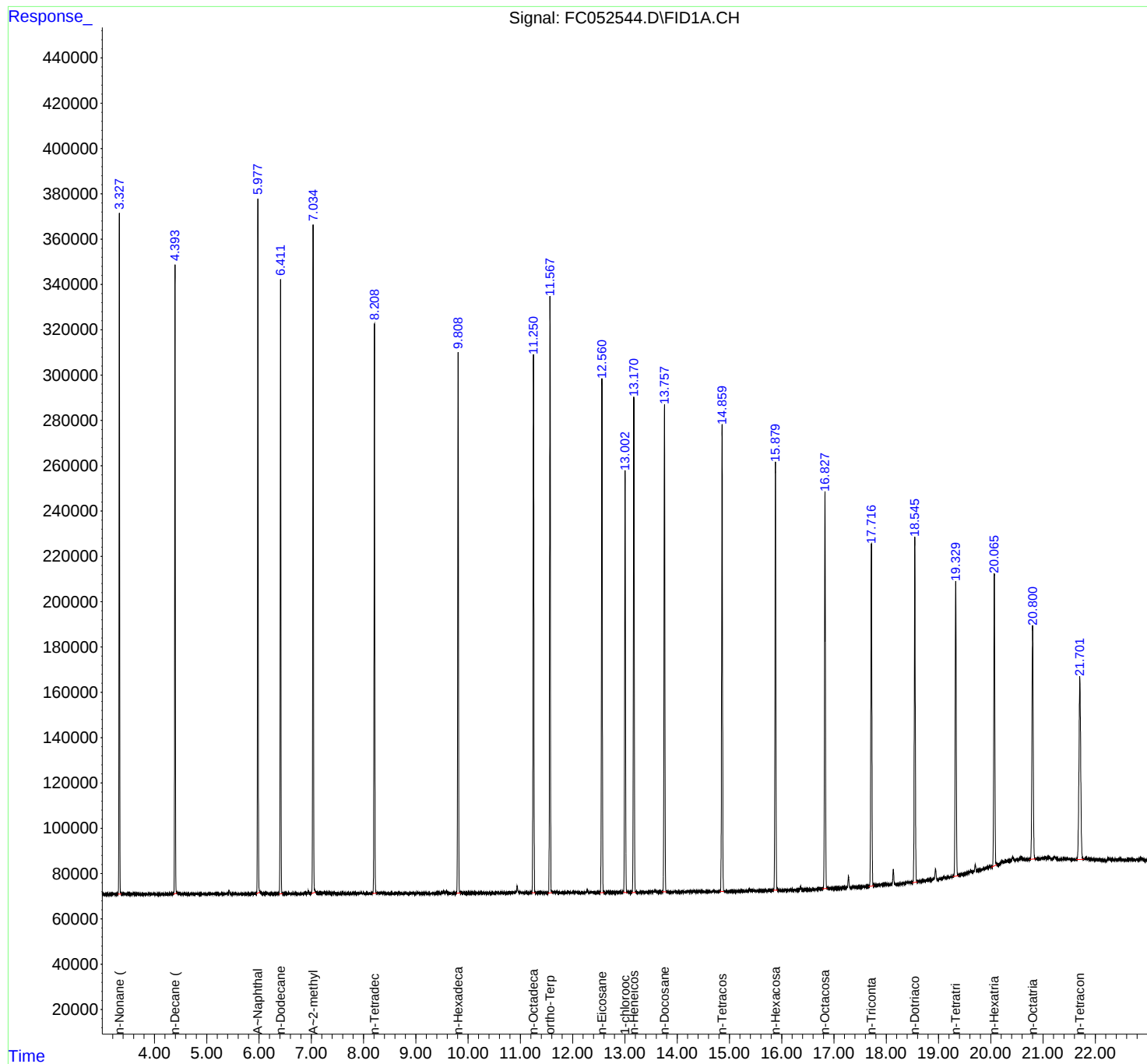
(m)=manual int.

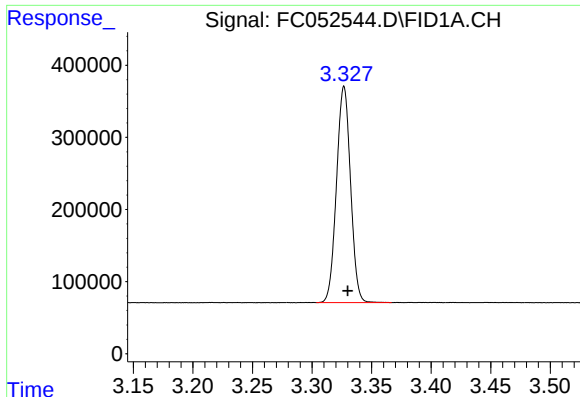
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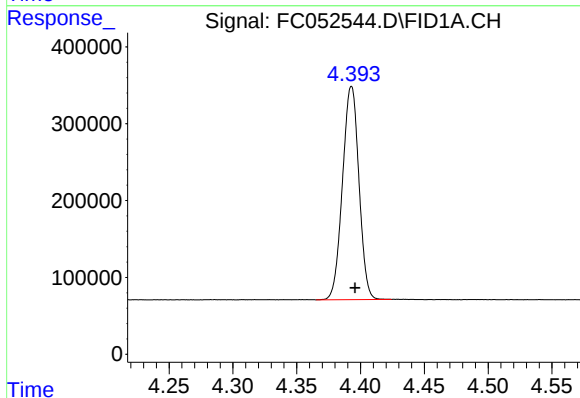




#1 n-Nonane (C9)

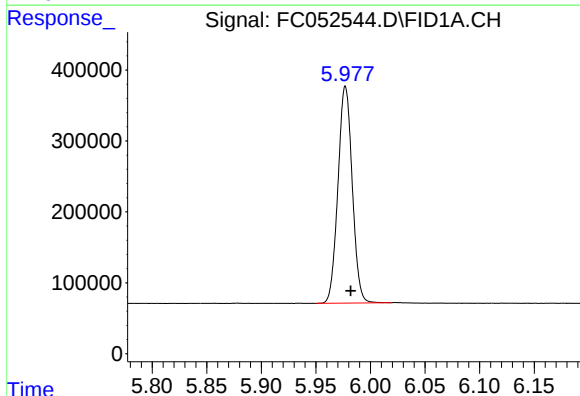
R.T.: 3.327 min
Delta R.T.: -0.003 min
Response: 2458505
Conc: 21.17 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



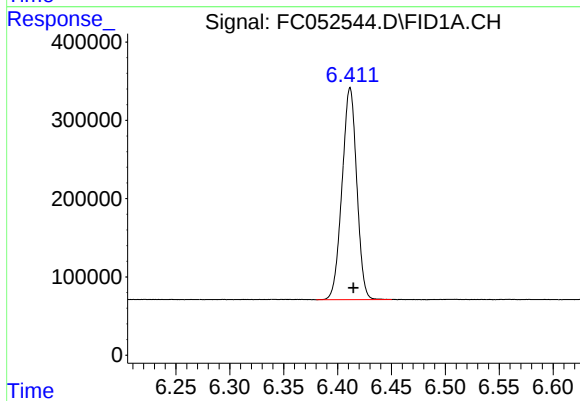
#2 n-Decane (C10)

R.T.: 4.393 min
Delta R.T.: -0.003 min
Response: 2489934
Conc: 21.25 ug/ml



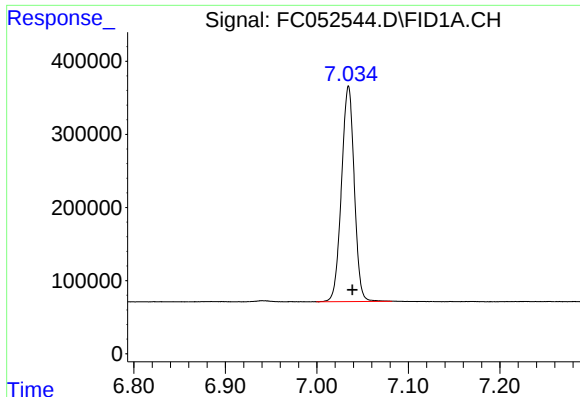
#3 A~Naphthalene (C11.7)

R.T.: 5.977 min
Delta R.T.: -0.005 min
Response: 2782753
Conc: 21.25 ug/ml



#4 n-Dodecane (C12)

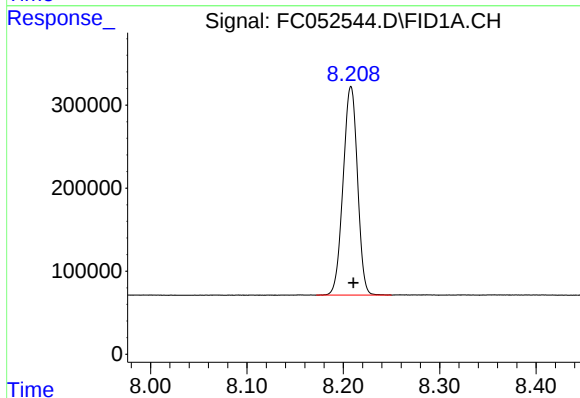
R.T.: 6.412 min
Delta R.T.: -0.003 min
Response: 2568336
Conc: 21.39 ug/ml



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

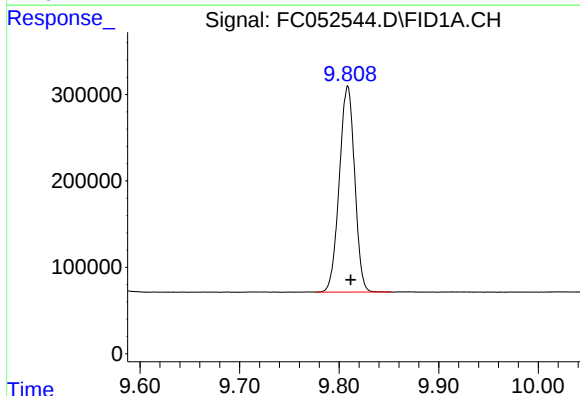
R.T.: 7.035 min
Delta R.T.: -0.004 min
Response: 2856738
Conc: 21.34 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



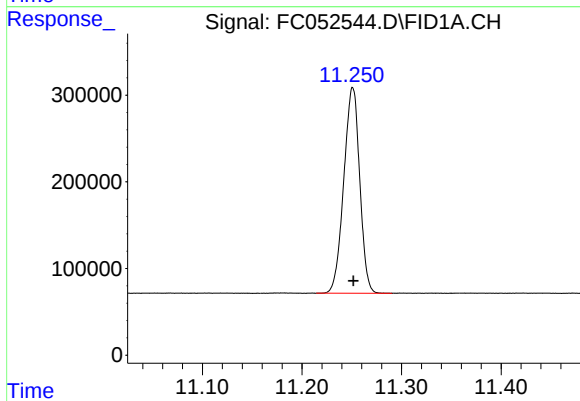
#6 n-Tetradecane (C14)

R.T.: 8.208 min
Delta R.T.: -0.003 min
Response: 2588576
Conc: 21.40 ug/ml



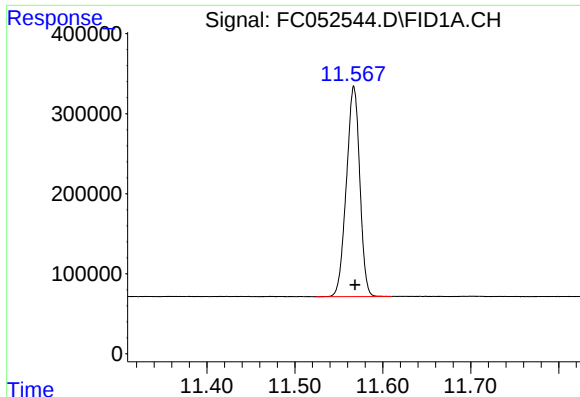
#7 n-Hexadecane (C16)

R.T.: 9.809 min
Delta R.T.: -0.003 min
Response: 2557402
Conc: 21.26 ug/ml



#8 n-Octadecane (C18)

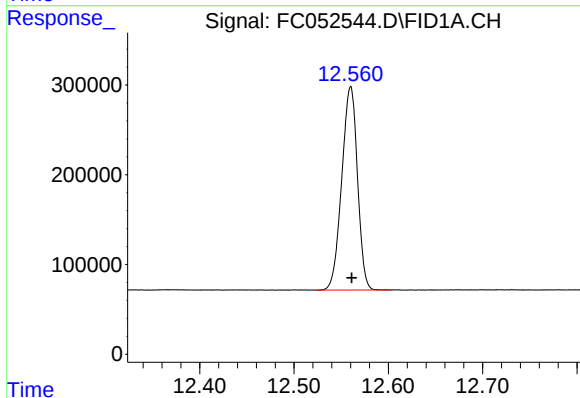
R.T.: 11.251 min
Delta R.T.: 0.000 min
Response: 2642864
Conc: 20.95 ug/ml



#9 ortho-Terphenyl (SURR)

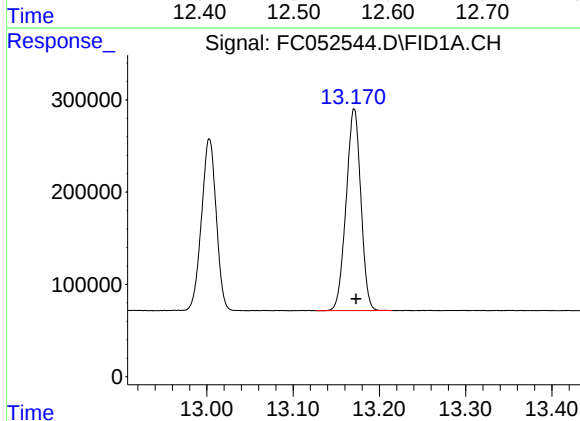
R.T.: 11.567 min
Delta R.T.: -0.001 min
Response: 2785729
Conc: 20.78 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



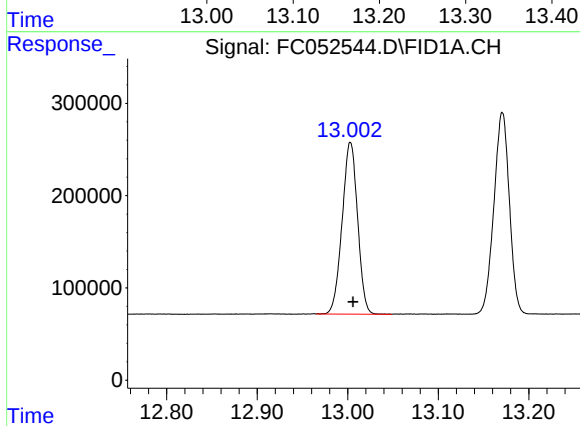
#10 n-Eicosane (C20)

R.T.: 12.560 min
Delta R.T.: -0.001 min
Response: 2626619
Conc: 20.57 ug/ml



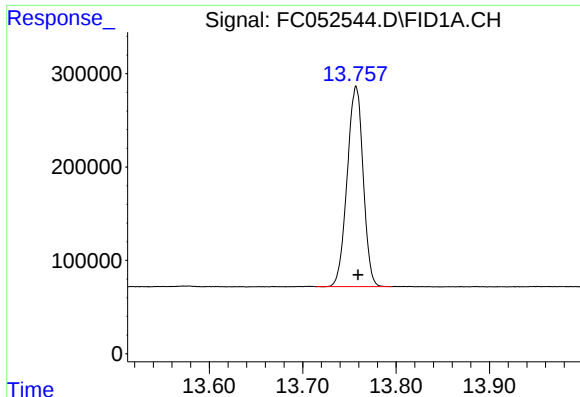
#11 n-Heneicosane (C21)

R.T.: 13.171 min
Delta R.T.: -0.002 min
Response: 2597078
Conc: 20.43 ug/ml



#12 1-chlorooctadecane (SURR)

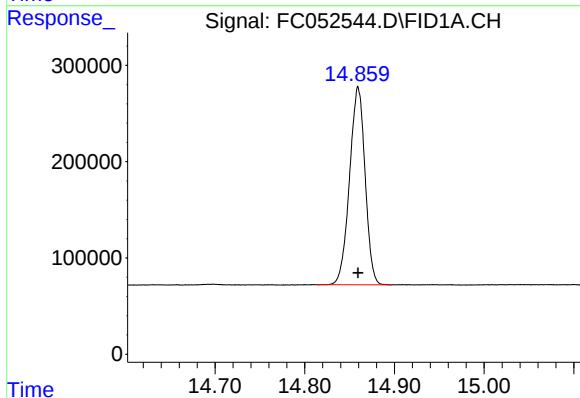
R.T.: 13.003 min
Delta R.T.: -0.003 min
Response: 2207671
Conc: 20.47 ug/ml



#13 n-Docosane (C22)

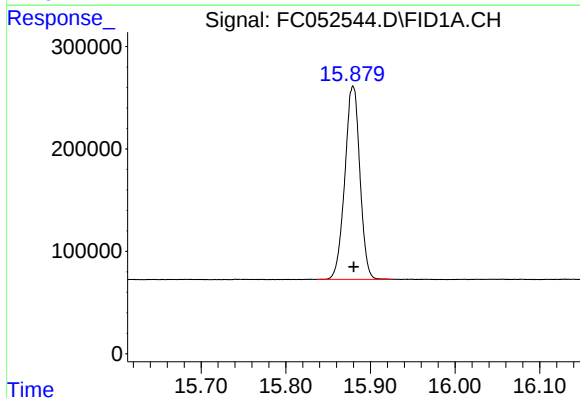
R.T.: 13.757 min
Delta R.T.: -0.002 min
Response: 2555029
Conc: 20.17 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



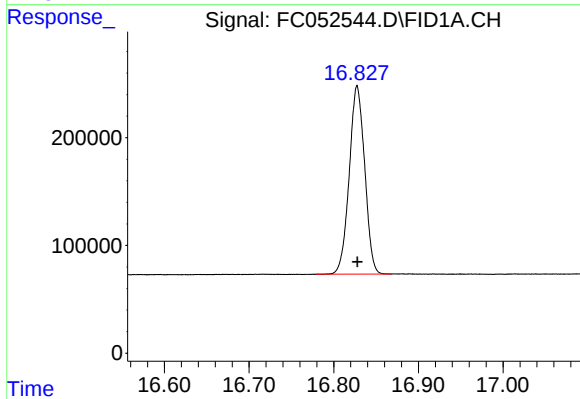
#14 n-Tetracosane (C24)

R.T.: 14.860 min
Delta R.T.: 0.000 min
Response: 2472366
Conc: 19.79 ug/ml



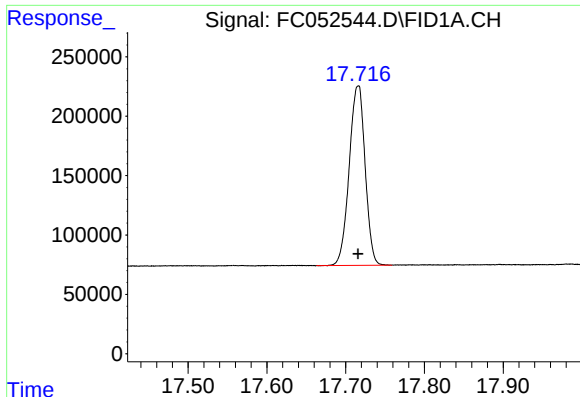
#15 n-Hexacosane (C26)

R.T.: 15.879 min
Delta R.T.: 0.000 min
Response: 2333273
Conc: 19.38 ug/ml



#16 n-Octacosane (C28)

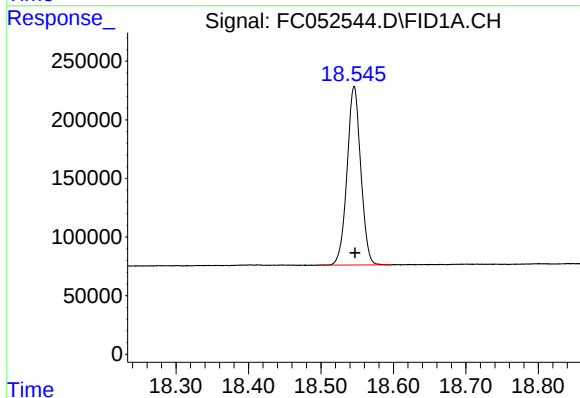
R.T.: 16.828 min
Delta R.T.: 0.000 min
Response: 2216560
Conc: 19.23 ug/ml



#17 n-Tricontane (C30)

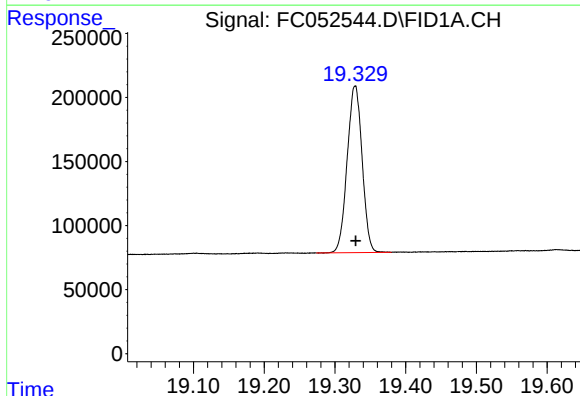
R.T.: 17.716 min
Delta R.T.: 0.000 min
Response: 2123942
Conc: 19.49 ug/ml

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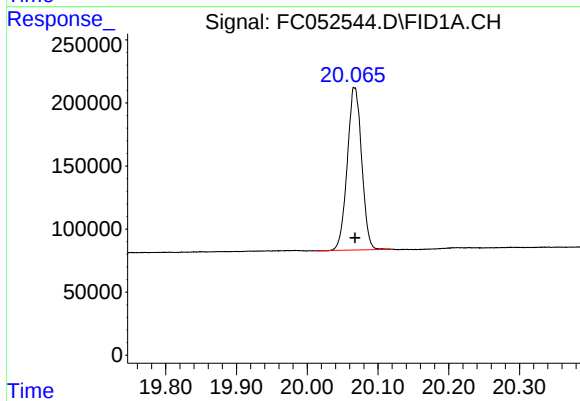
#18 n-Dotriacontane (C32)

R.T.: 18.546 min
Delta R.T.: -0.001 min
Response: 2004964
Conc: 19.98 ug/ml



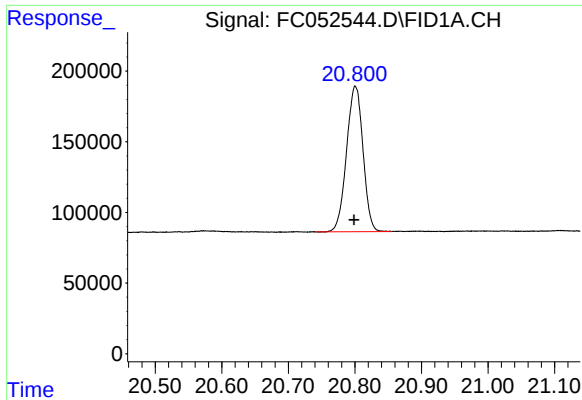
#19 n-Tetratriacontane (C34)

R.T.: 19.328 min
Delta R.T.: 0.000 min
Response: 1910832
Conc: 20.79 ug/ml



#20 n-Hexatriacontane (C36)

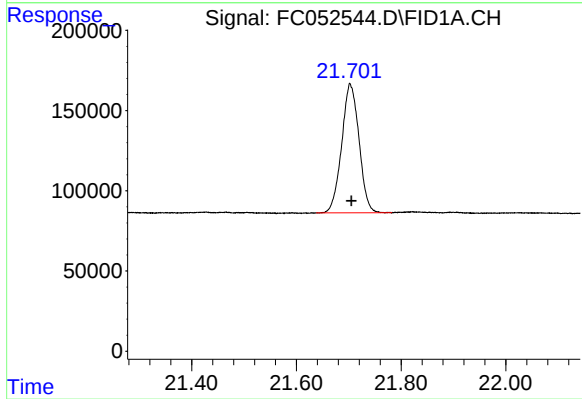
R.T.: 20.067 min
Delta R.T.: 0.000 min
Response: 1821792
Conc: 19.98 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.801 min
Delta R.T.: 0.002 min
Response: 1767029
Conc: 21.65 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.702 min
Delta R.T.: -0.003 min
Response: 1849902
Conc: 21.48 ug/ml