

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031721AL\
 Data File : FC052508.D
 Signal(s) : FID1A.CH
 Acq On : 18 Mar 2021 13:19
 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 18 13:47:27 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)	11.568	3038265	22.667 ug/ml
Spiked Amount 50.000		Recovery =	45.33%
12) S 1-chlorooctadecane (S...	13.005	2437013	22.595 ug/ml
Spiked Amount 50.000		Recovery =	45.19%
Target Compounds			
1) T n-Nonane (C9)	3.328	2615270	22.516 ug/ml
2) T n-Decane (C10)	4.394	2668806	22.774 ug/ml
3) T A~Naphthalene (C11.7)	5.979	2976182	22.732 ug/ml
4) T n-Dodecane (C12)	6.413	2755225	22.948 ug/ml
5) T A~2-methylnaphthalene...	7.037	3075278	22.974 ug/ml
6) T n-Tetradecane (C14)	8.209	2782155	23.003 ug/ml
7) T n-Hexadecane (C16)	9.810	2760706	22.954 ug/ml
8) T n-Octadecane (C18)	11.252	2886279	22.876 ug/ml
10) T n-Eicosane (C20)	12.560	2892205	22.649 ug/ml
11) T n-Heneicosane (C21)	13.173	2870276	22.582 ug/ml
13) T n-Docosane (C22)	13.758	2839680	22.416 ug/ml
14) T n-Tetracosane (C24)	14.861	2777344	22.233 ug/ml
15) T n-Hexacosane (C26)	15.881	2645773	21.973 ug/ml
16) T n-Octacosane (C28)	16.830	2492356	21.617 ug/ml
17) T n-Tricontane (C30)	17.717	2328934	21.376 ug/ml
18) T n-Dotriacontane (C32)	18.548	2147674	21.404 ug/ml
19) T n-Tetratriacontane (C34)	19.331	2023414	22.013 ug/ml
20) T n-Hexatriacontane (C36)	20.068	1943668	21.315 ug/ml
21) T n-Octatriacontane (C38)	20.802	1863687	22.835 ug/ml
22) T n-Tetracontane (C40)	21.707	1956070	22.708 ug/ml

(f)=RT Delta > 1/2 Window

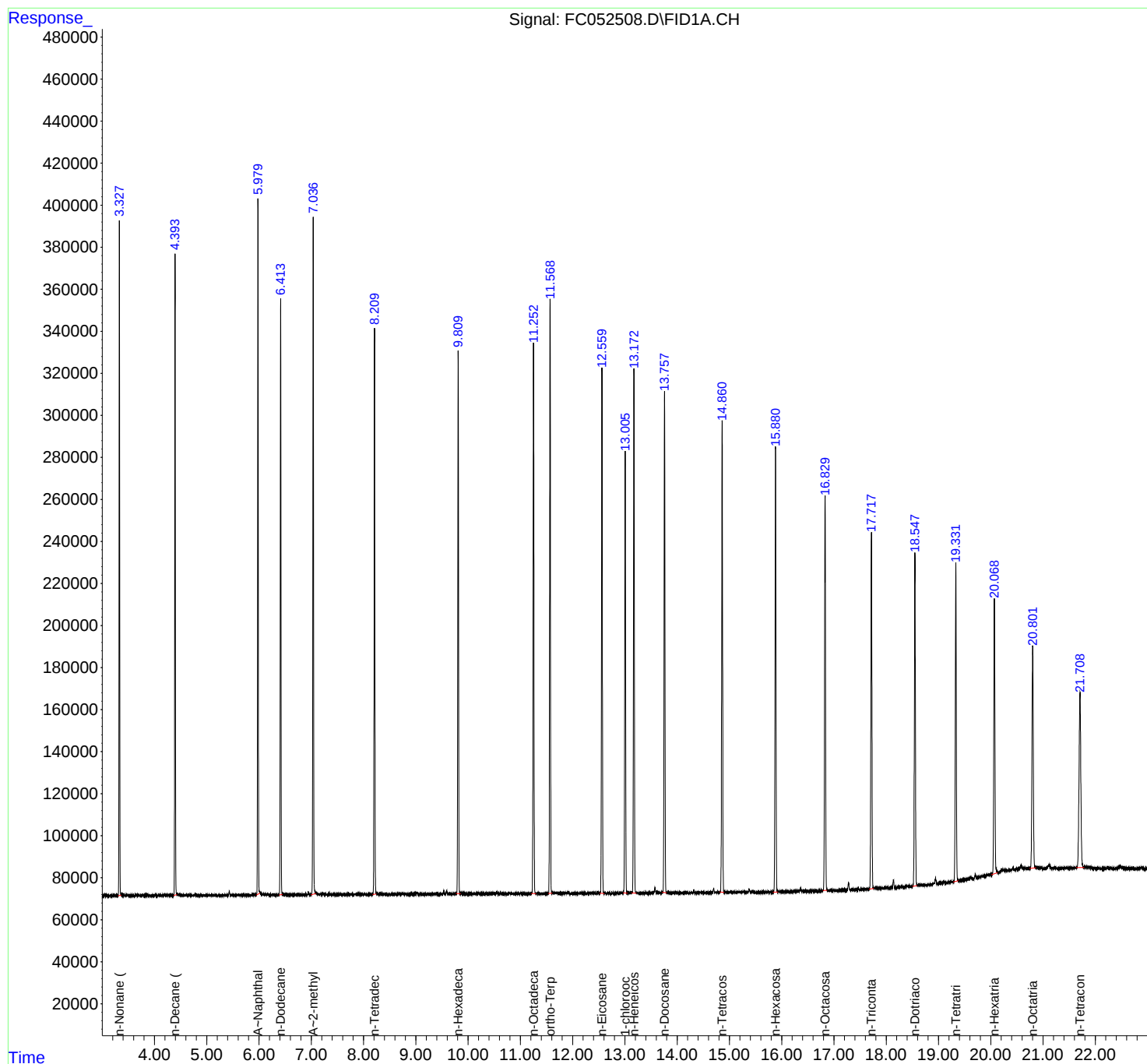
(m)=manual int.

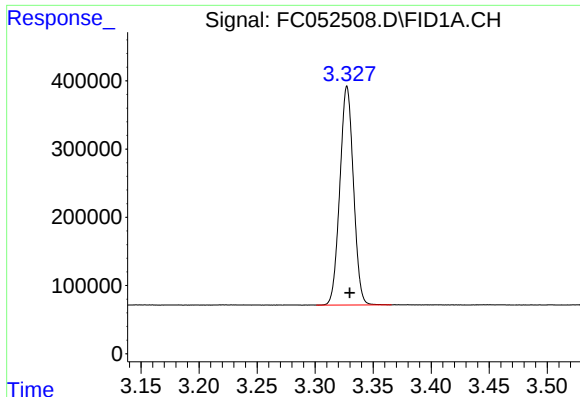
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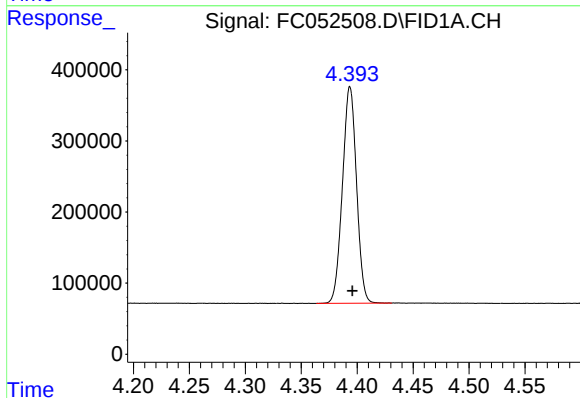




#1 n-Nonane (C9)

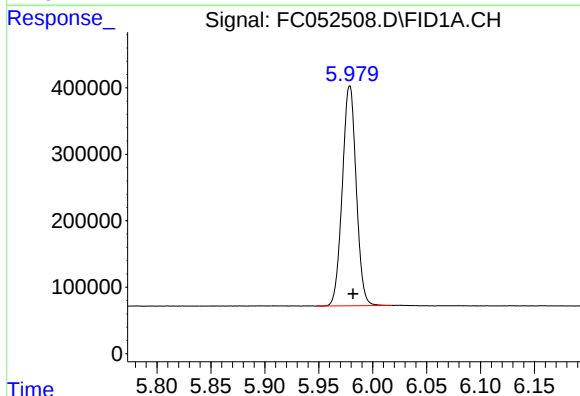
R.T.: 3.328 min
Delta R.T.: -0.002 min
Response: 2615270
Conc: 22.52 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



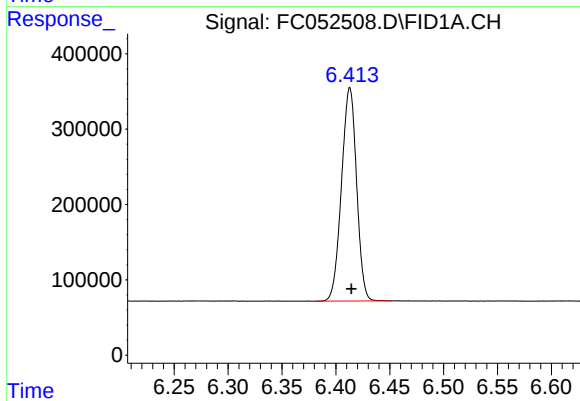
#2 n-Decane (C10)

R.T.: 4.394 min
Delta R.T.: -0.002 min
Response: 2668806
Conc: 22.77 ug/ml



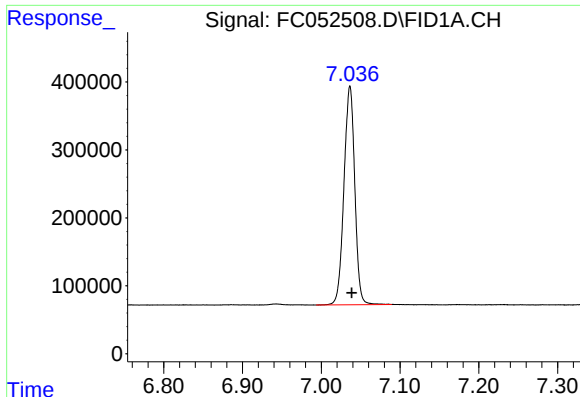
#3 A~Naphthalene (C11.7)

R.T.: 5.979 min
Delta R.T.: -0.003 min
Response: 2976182
Conc: 22.73 ug/ml



#4 n-Dodecane (C12)

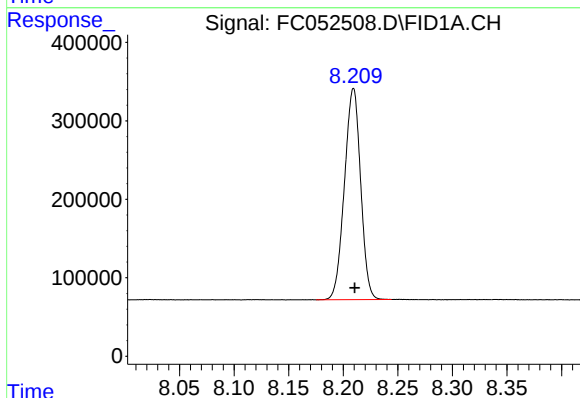
R.T.: 6.413 min
Delta R.T.: -0.002 min
Response: 2755225
Conc: 22.95 ug/ml



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

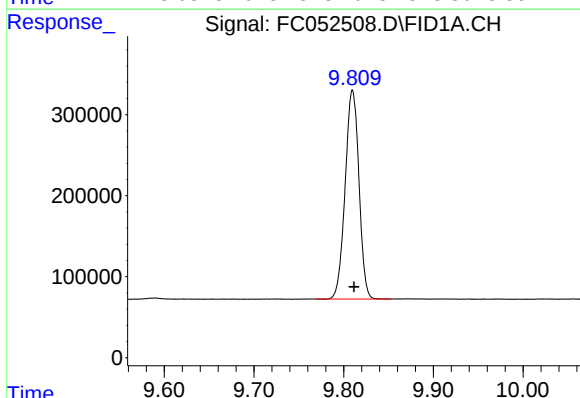
R.T.: 7.037 min
Delta R.T.: -0.002 min
Response: 3075278
Conc: 22.97 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



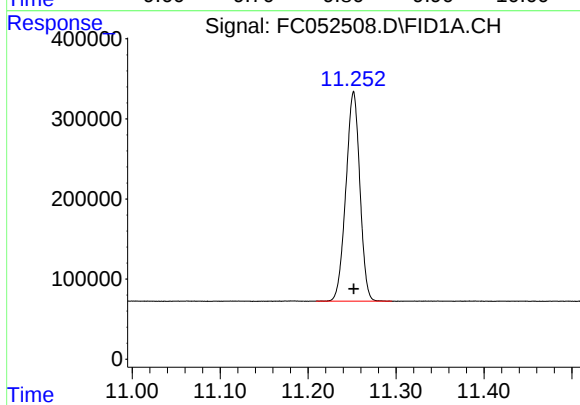
#6 n-Tetradecane (C14)

R.T.: 8.209 min
Delta R.T.: -0.001 min
Response: 2782155
Conc: 23.00 ug/ml



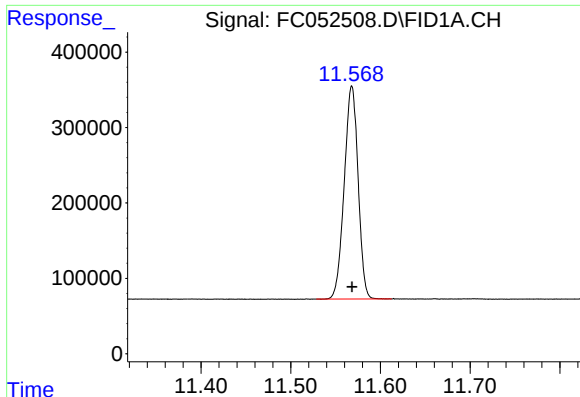
#7 n-Hexadecane (C16)

R.T.: 9.810 min
Delta R.T.: -0.002 min
Response: 2760706
Conc: 22.95 ug/ml



#8 n-Octadecane (C18)

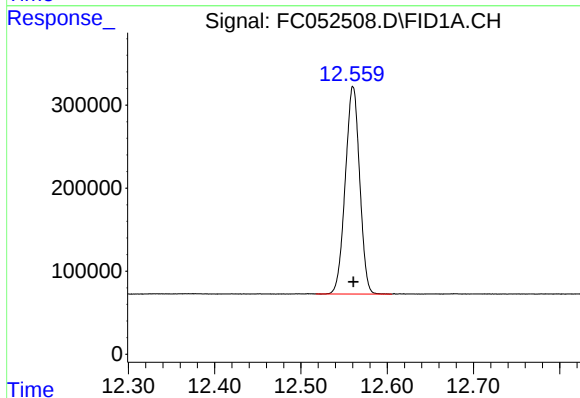
R.T.: 11.252 min
Delta R.T.: 0.000 min
Response: 2886279
Conc: 22.88 ug/ml



#9 ortho-Terphenyl (SURR)

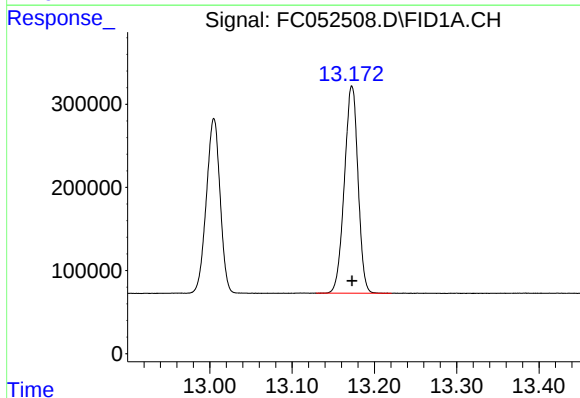
R.T.: 11.568 min
Delta R.T.: 0.000 min
Response: 3038265
Conc: 22.67 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



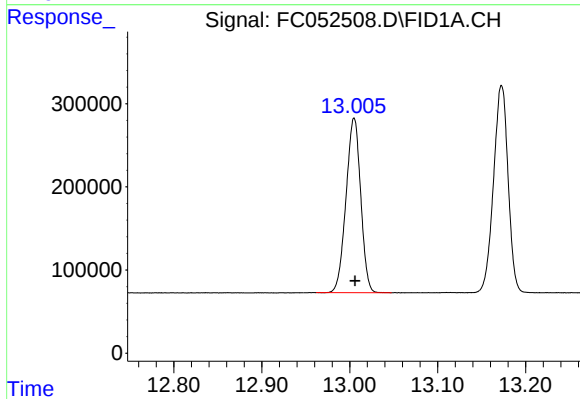
#10 n-Eicosane (C20)

R.T.: 12.560 min
Delta R.T.: 0.000 min
Response: 2892205
Conc: 22.65 ug/ml



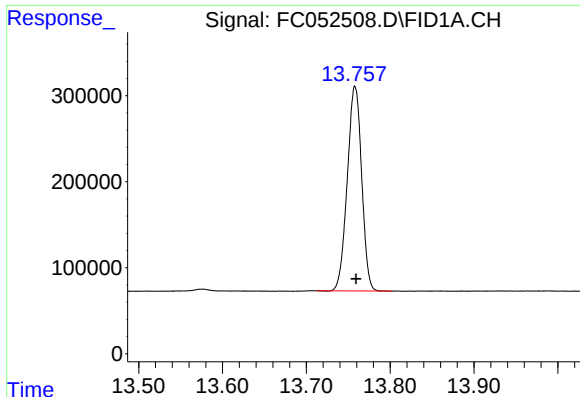
#11 n-Heneicosane (C21)

R.T.: 13.173 min
Delta R.T.: 0.000 min
Response: 2870276
Conc: 22.58 ug/ml



#12 1-chlorooctadecane (SURR)

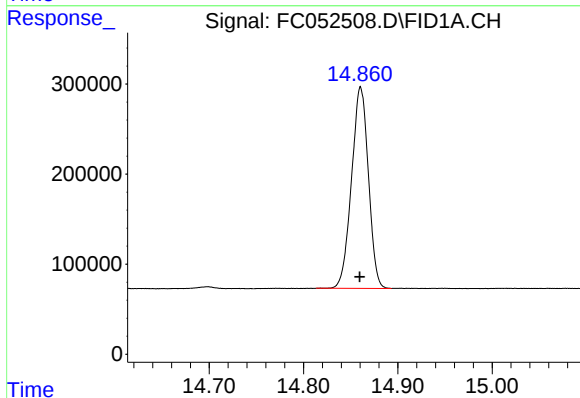
R.T.: 13.005 min
Delta R.T.: 0.000 min
Response: 2437013
Conc: 22.59 ug/ml



#13 n-Docosane (C22)

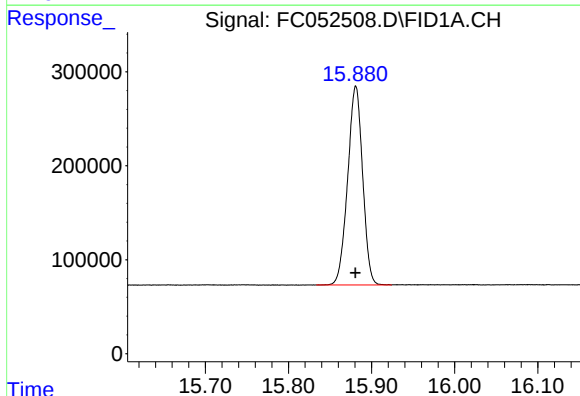
R.T.: 13.758 min
Delta R.T.: -0.001 min
Response: 2839680
Conc: 22.42 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



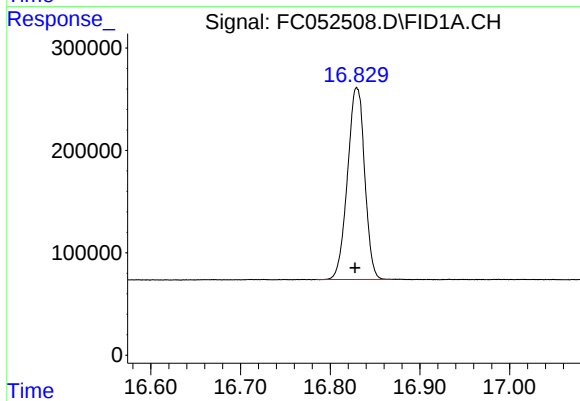
#14 n-Tetracosane (C24)

R.T.: 14.861 min
Delta R.T.: 0.000 min
Response: 2777344
Conc: 22.23 ug/ml



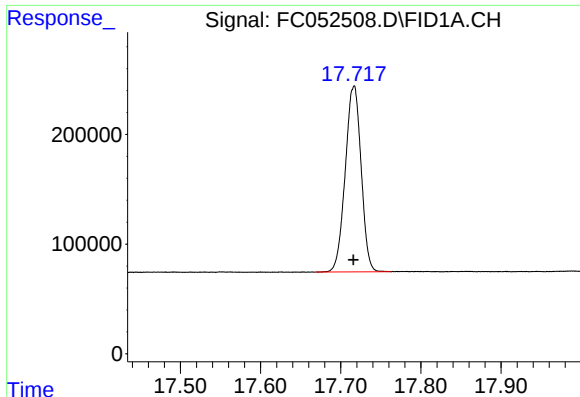
#15 n-Hexacosane (C26)

R.T.: 15.881 min
Delta R.T.: 0.000 min
Response: 2645773
Conc: 21.97 ug/ml



#16 n-Octacosane (C28)

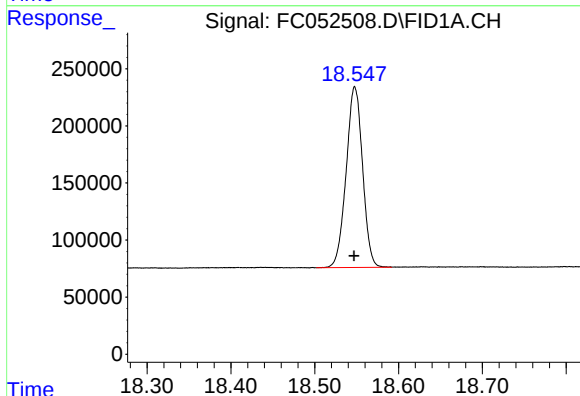
R.T.: 16.830 min
Delta R.T.: 0.002 min
Response: 2492356
Conc: 21.62 ug/ml



#17 n-Tricontane (C30)

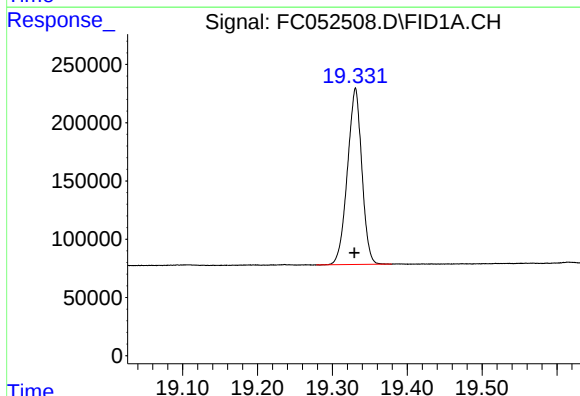
R.T.: 17.717 min
Delta R.T.: 0.000 min
Response: 2328934
Conc: 21.38 ug/ml

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20 PPM ALIPHATIC HC STD



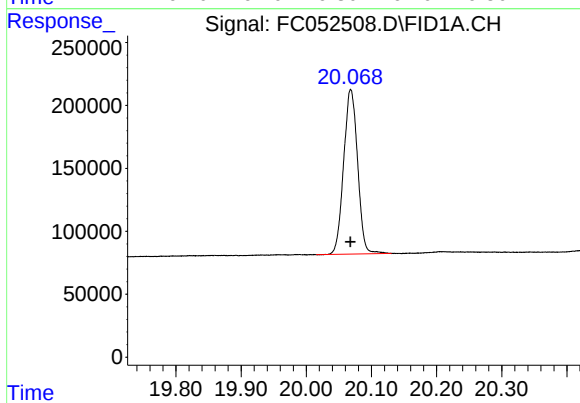
#18 n-Dotriacontane (C32)

R.T.: 18.548 min
Delta R.T.: 0.000 min
Response: 2147674
Conc: 21.40 ug/ml



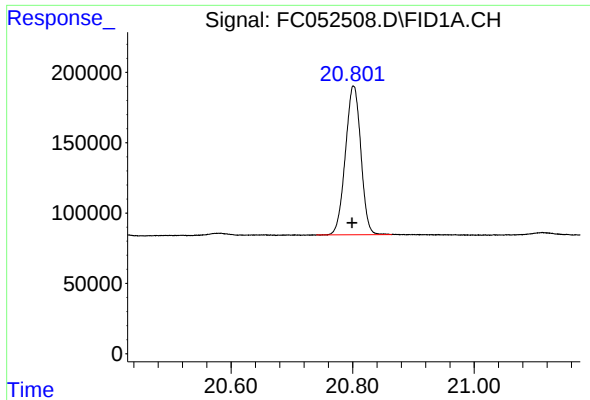
#19 n-Tetratriacontane (C34)

R.T.: 19.331 min
Delta R.T.: 0.002 min
Response: 2023414
Conc: 22.01 ug/ml



#20 n-Hexatriacontane (C36)

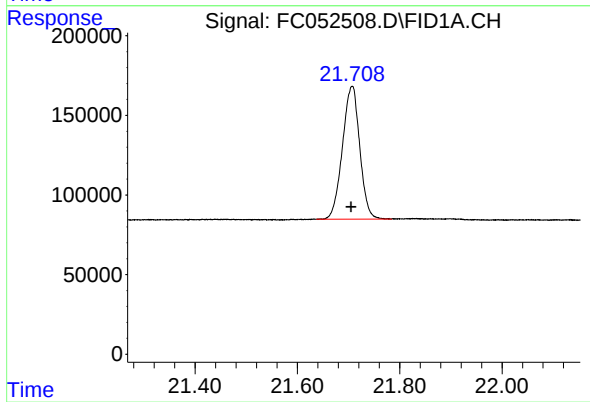
R.T.: 20.068 min
Delta R.T.: 0.000 min
Response: 1943668
Conc: 21.31 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.802 min
Delta R.T.: 0.003 min
Response: 1863687
Conc: 22.84 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.707 min
Delta R.T.: 0.002 min
Response: 1956070
Conc: 22.71 ug/ml