

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC032521AL\
 Data File : FC052710.D
 Signal(s) : FID1A.CH
 Acq On : 25 Mar 2021 10:12
 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 26 01:02:30 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)	11.564	2450758	18.284 ug/ml
Spiked Amount 50.000		Recovery =	36.57%
12) S 1-chlorooctadecane (S...	13.003	1907554	17.686 ug/ml
Spiked Amount 50.000		Recovery =	35.37%
Target Compounds			
1) T n-Nonane (C9)	3.324	2397458	20.641 ug/ml
2) T n-Decane (C10)	4.391	2419684	20.648 ug/ml
3) T A~Naphthalene (C11.7)	5.977	2681562	20.482 ug/ml
4) T n-Dodecane (C12)	6.410	2476328	20.625 ug/ml
5) T A~2-methylnaphthalene...	7.034	2722753	20.340 ug/ml
6) T n-Tetradecane (C14)	8.206	2460789	20.346 ug/ml
7) T n-Hexadecane (C16)	9.807	2384913	19.830 ug/ml
8) T n-Octadecane (C18)	11.249	2408172	19.087 ug/ml
10) T n-Eicosane (C20)	12.558	2318701	18.158 ug/ml
11) T n-Heneicosane (C21)	13.170	2251913	17.717 ug/ml
13) T n-Docosane (C22)	13.756	2192609	17.308 ug/ml
14) T n-Tetracosane (C24)	14.859	2071737	16.584 ug/ml
15) T n-Hexacosane (C26)	15.879	1946494	16.165 ug/ml
16) T n-Octacosane (C28)	16.829	1873571	16.250 ug/ml
17) T n-Tricontane (C30)	17.717	1830166	16.798 ug/ml
18) T n-Dotriacontane (C32)	18.548	1796591	17.905 ug/ml
19) T n-Tetratriacontane (C34)	19.331	1800364	19.586 ug/ml
20) T n-Hexatriacontane (C36)	20.069	1781155	19.533 ug/ml
21) T n-Octatriacontane (C38)	20.803	1730676	21.205 ug/ml
22) T n-Tetracontane (C40)	21.709	1804577	20.949 ug/ml

(f)=RT Delta > 1/2 Window

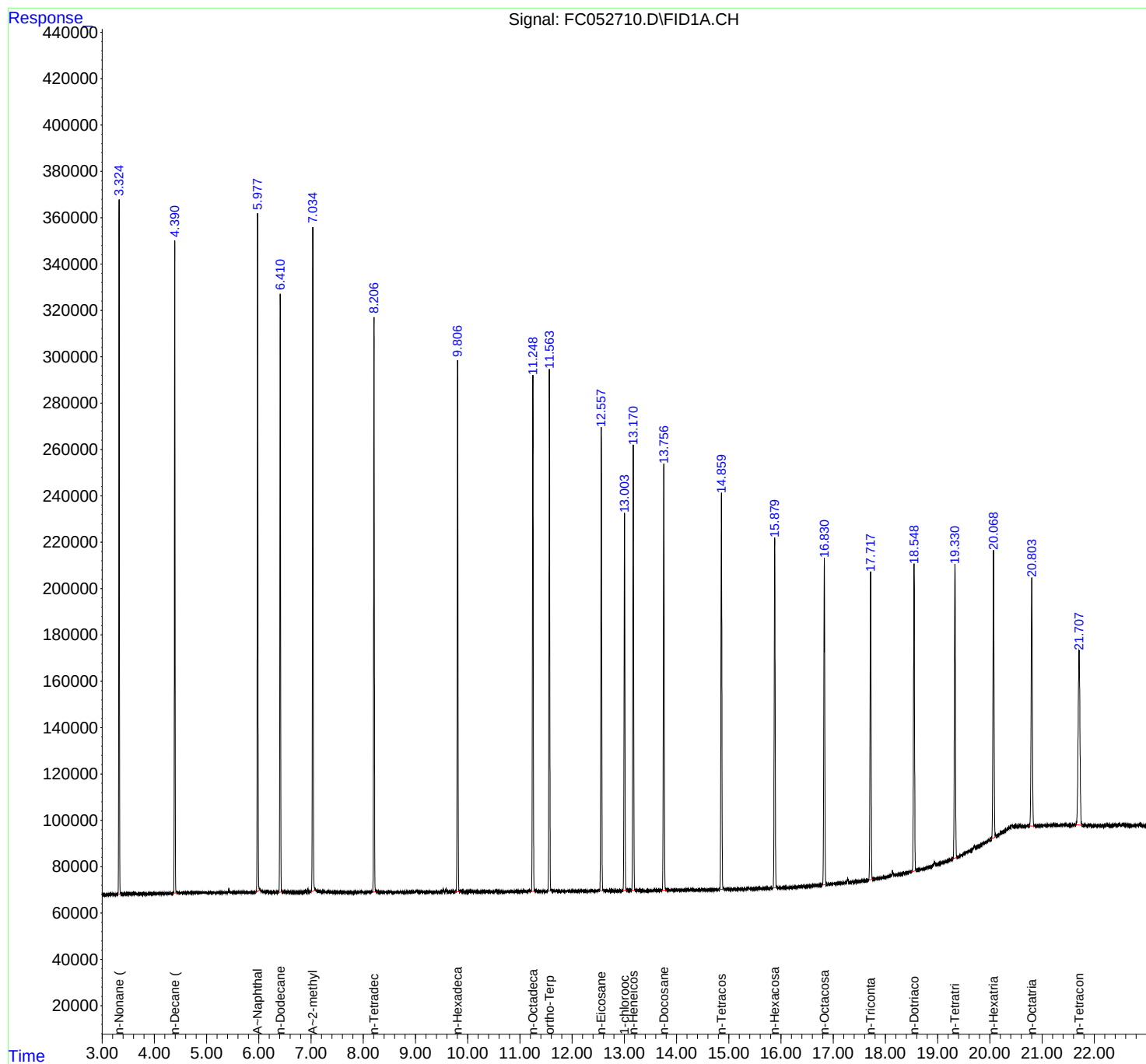
(m)=manual int.

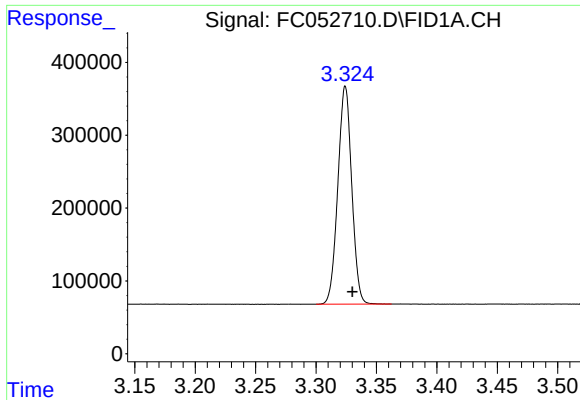
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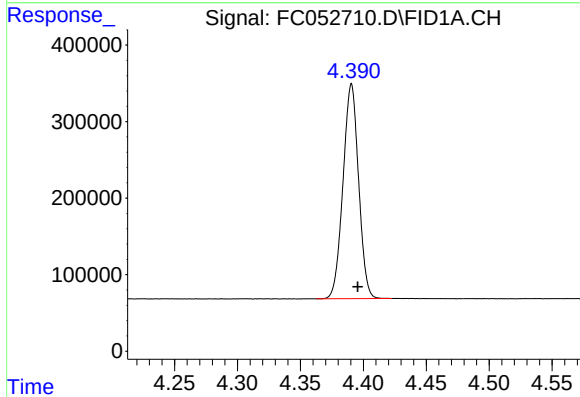




#1 n-Nonane (C9)

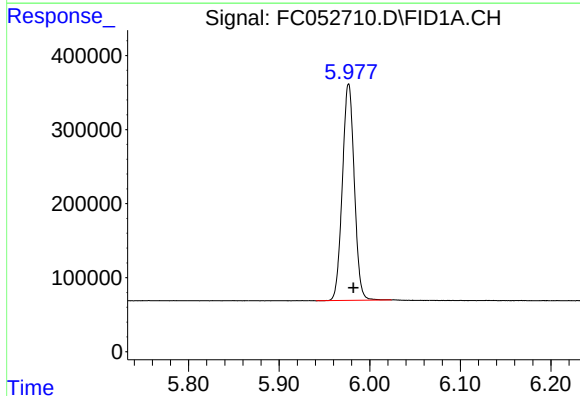
R.T.: 3.324 min
Delta R.T.: -0.006 min
Response: 2397458
Conc: 20.64 ug/ml

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20 PPM ALIPHATIC HC STD



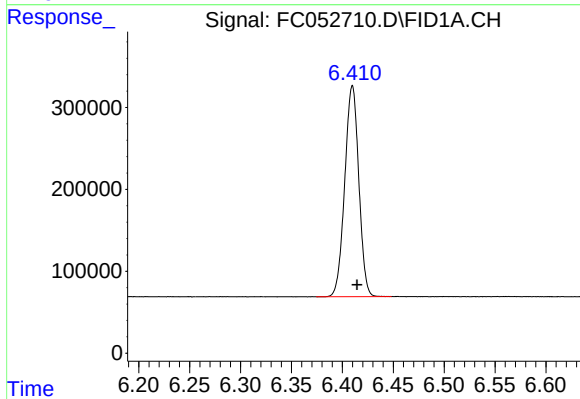
#2 n-Decane (C10)

R.T.: 4.391 min
Delta R.T.: -0.005 min
Response: 2419684
Conc: 20.65 ug/ml



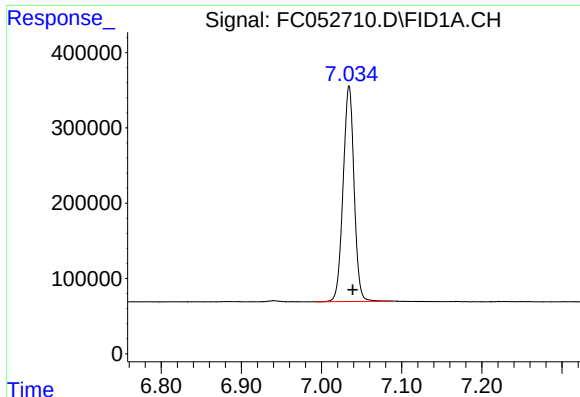
#3 A~Naphthalene (C11.7)

R.T.: 5.977 min
Delta R.T.: -0.005 min
Response: 2681562
Conc: 20.48 ug/ml



#4 n-Dodecane (C12)

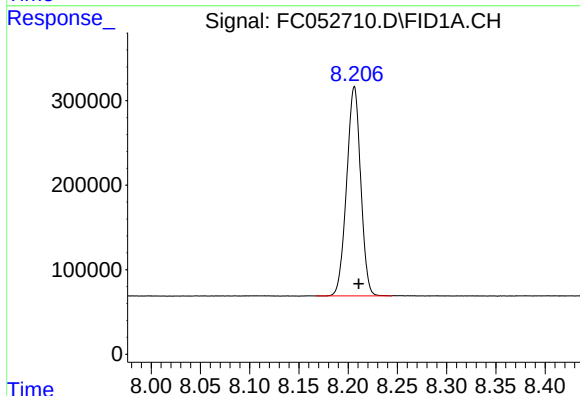
R.T.: 6.410 min
Delta R.T.: -0.005 min
Response: 2476328
Conc: 20.62 ug/ml



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

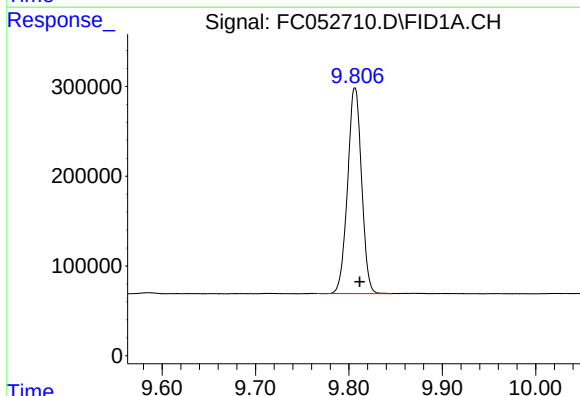
R.T.: 7.034 min
Delta R.T.: -0.004 min
Response: 2722753
Conc: 20.34 ug/ml

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20 PPM ALIPHATIC HC STD



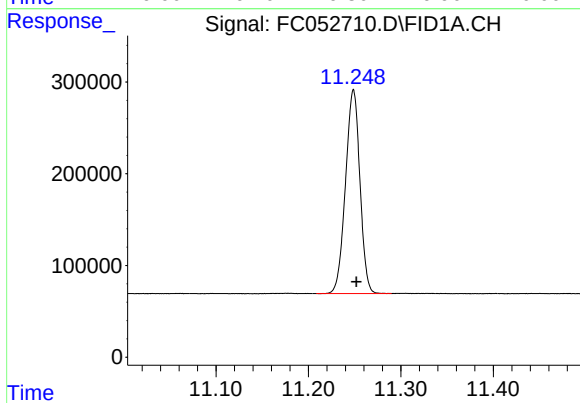
#6 n-Tetradecane (C14)

R.T.: 8.206 min
Delta R.T.: -0.004 min
Response: 2460789
Conc: 20.35 ug/ml



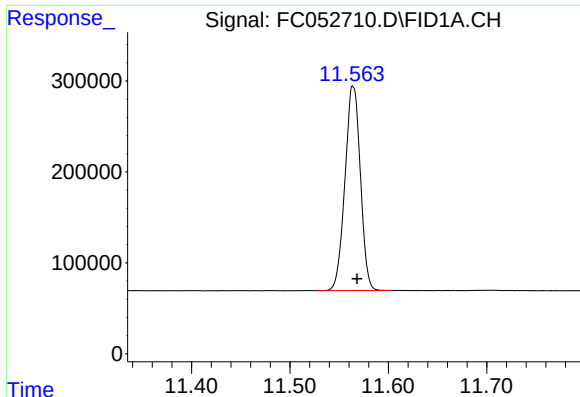
#7 n-Hexadecane (C16)

R.T.: 9.807 min
Delta R.T.: -0.005 min
Response: 2384913
Conc: 19.83 ug/ml



#8 n-Octadecane (C18)

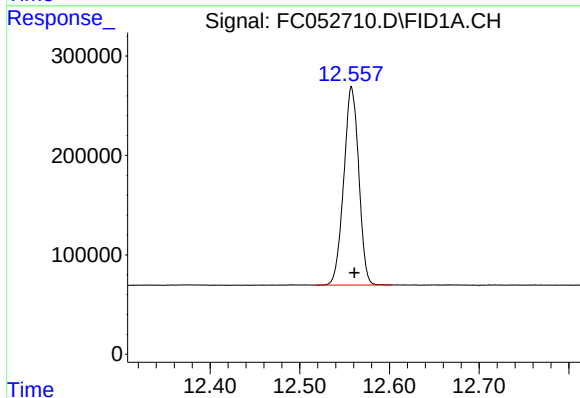
R.T.: 11.249 min
Delta R.T.: -0.003 min
Response: 2408172
Conc: 19.09 ug/ml



#9 ortho-Terphenyl (SURR)

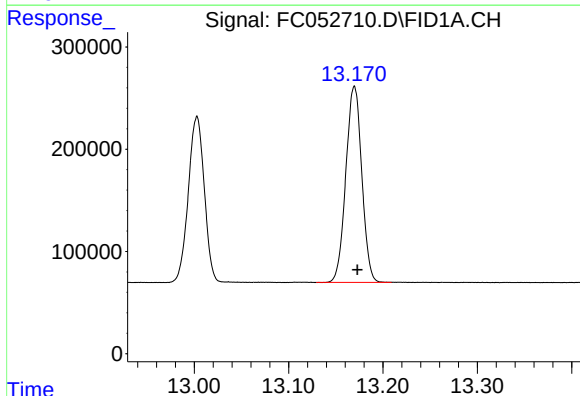
R.T.: 11.564 min
Delta R.T.: -0.004 min
Response: 2450758
Conc: 18.28 ug/ml

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20 PPM ALIPHATIC HC STD



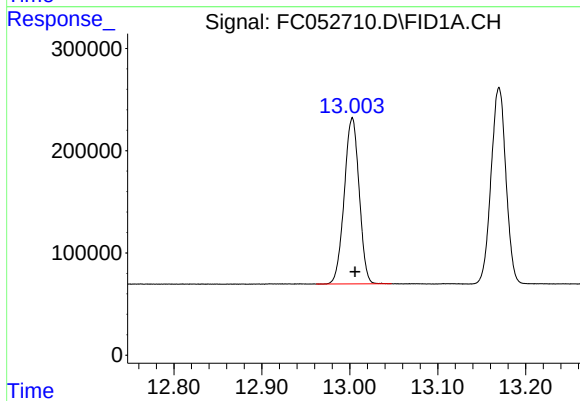
#10 n-Eicosane (C20)

R.T.: 12.558 min
Delta R.T.: -0.003 min
Response: 2318701
Conc: 18.16 ug/ml



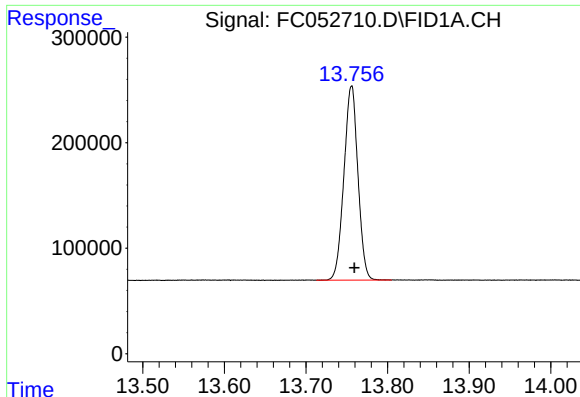
#11 n-Heneicosane (C21)

R.T.: 13.170 min
Delta R.T.: -0.003 min
Response: 2251913
Conc: 17.72 ug/ml



#12 1-chlorooctadecane (SURR)

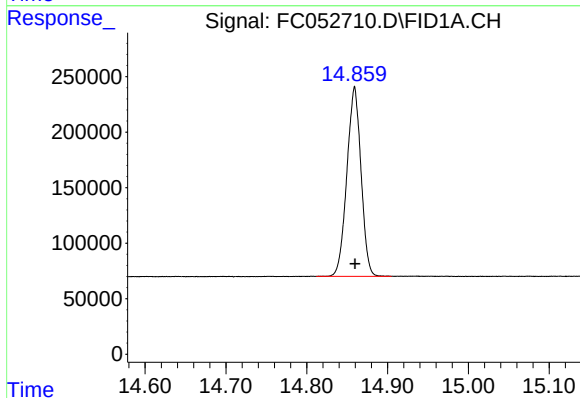
R.T.: 13.003 min
Delta R.T.: -0.003 min
Response: 1907554
Conc: 17.69 ug/ml



#13 n-Docosane (C22)

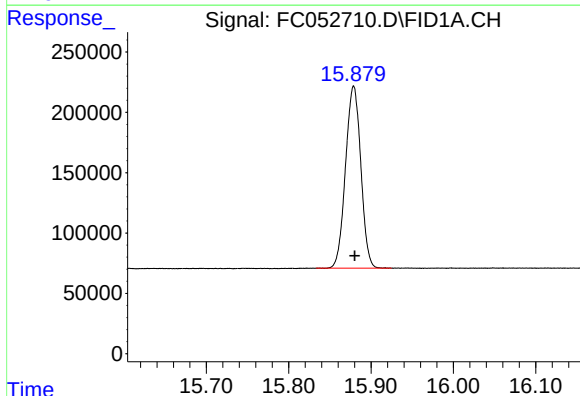
R.T.: 13.756 min
Delta R.T.: -0.003 min
Response: 2192609
Conc: 17.31 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



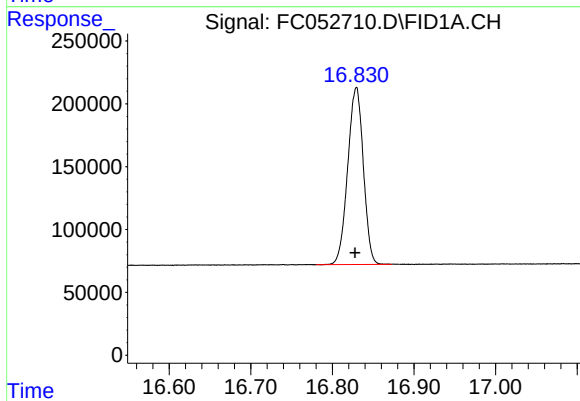
#14 n-Tetracosane (C24)

R.T.: 14.859 min
Delta R.T.: 0.000 min
Response: 2071737
Conc: 16.58 ug/ml



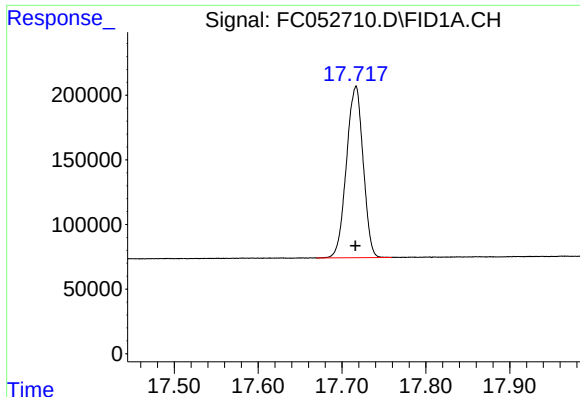
#15 n-Hexacosane (C26)

R.T.: 15.879 min
Delta R.T.: -0.001 min
Response: 1946494
Conc: 16.17 ug/ml



#16 n-Octacosane (C28)

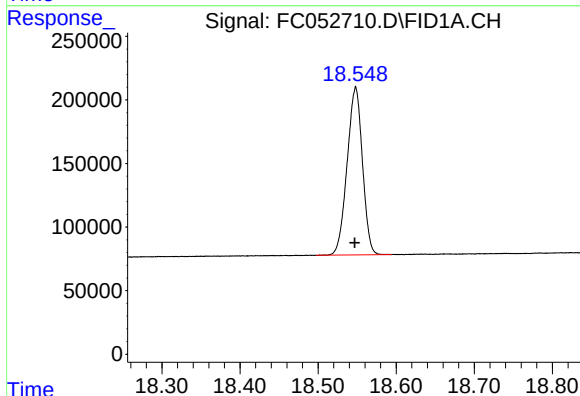
R.T.: 16.829 min
Delta R.T.: 0.002 min
Response: 1873571
Conc: 16.25 ug/ml



#17 n-Tricontane (C30)

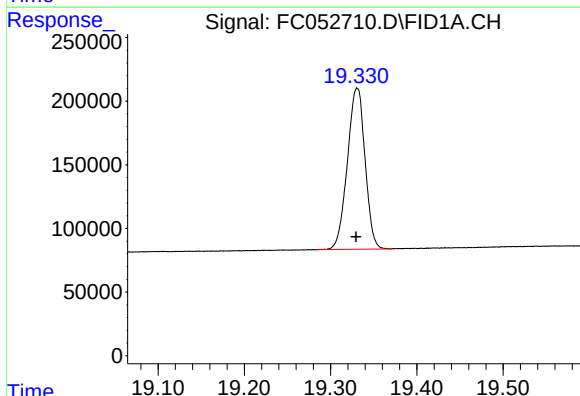
R.T.: 17.717 min
Delta R.T.: 0.000 min
Response: 1830166
Conc: 16.80 ug/ml

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20 PPM ALIPHATIC HC STD



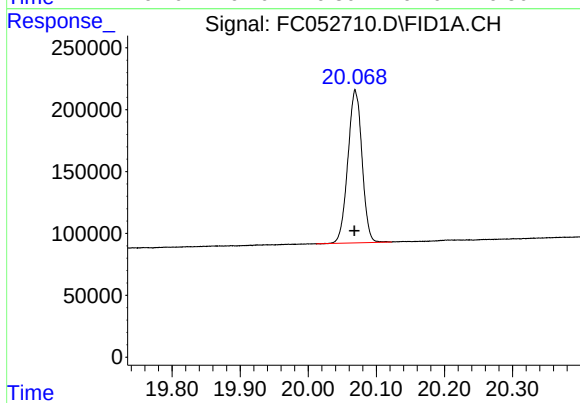
#18 n-Dotriacontane (C32)

R.T.: 18.548 min
Delta R.T.: 0.001 min
Response: 1796591
Conc: 17.91 ug/ml



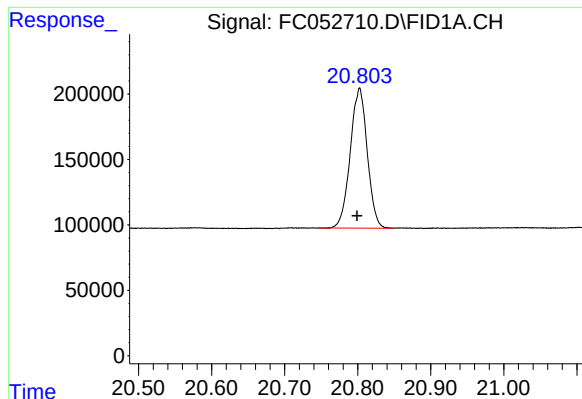
#19 n-Tetratriacontane (C34)

R.T.: 19.331 min
Delta R.T.: 0.002 min
Response: 1800364
Conc: 19.59 ug/ml



#20 n-Hexatriacontane (C36)

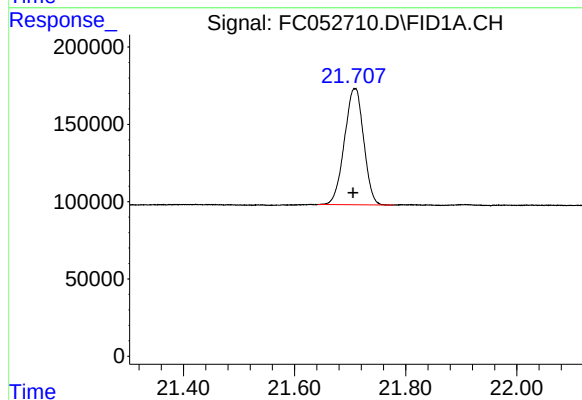
R.T.: 20.069 min
Delta R.T.: 0.001 min
Response: 1781155
Conc: 19.53 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.803 min
Delta R.T.: 0.004 min
Response: 1730676
Conc: 21.21 ug/ml

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FID_C
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.709 min
Delta R.T.: 0.004 min
Response: 1804577
Conc: 20.95 ug/ml