

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC111521AL\
 Data File : FC056811.D
 Signal(s) : FID1A.CH
 Acq On : 15 Nov 2021 21:55
 Operator : AJ\MA
 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: Nov 16 02:25:34 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102121.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 21 01:00:25 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)	11.608	2045595	16.521 ug/ml
Spiked Amount 50.000		Recovery =	33.04%
12) S 1-chlorooctadecane (S...	13.040	1577863	16.398 ug/ml
Spiked Amount 50.000		Recovery =	32.80%
Target Compounds			
1) T n-Nonane (C9)	3.367	2085143	19.265 ug/ml
2) T n-Decane (C10)	4.435	2076894	19.281 ug/ml
3) T A~Naphthalene (C11.7)	6.025	2262608	18.558 ug/ml
4) T n-Dodecane (C12)	6.453	2084880	18.912 ug/ml
5) T A~2-methylnaphthalene...	7.083	2247683	18.354 ug/ml
6) T n-Tetradecane (C14)	8.248	2069073	18.430 ug/ml
7) T n-Hexadecane (C16)	9.848	2033300	17.885 ug/ml
8) T n-Octadecane (C18)	11.288	2035479	17.418 ug/ml
10) T n-Eicosane (C20)	12.595	1937366	16.857 ug/ml
11) T n-Heneicosane (C21)	13.206	1908704	16.609 ug/ml
13) T n-Docosane (C22)	13.791	1850325	16.435 ug/ml
14) T n-Tetracosane (C24)	14.891	1774566	16.103 ug/ml
15) T n-Hexacosane (C26)	15.908	1697442	16.083 ug/ml
16) T n-Octacosane (C28)	16.855	1674973	16.148 ug/ml
17) T n-Tricontane (C30)	17.740	1678441	16.200 ug/ml
18) T n-Dotriacontane (C32)	18.568	1666050	17.389 ug/ml
19) T n-Tetratriacontane (C34)	19.349	1700297	19.386 ug/ml
20) T n-Hexatriacontane (C36)	20.083	1677814	20.498 ug/ml
21) T n-Octatriacontane (C38)	20.818	1667756	20.853 ug/ml
22) T n-Tetracontane (C40)	21.730	1695998	20.585 ug/ml

(f)=RT Delta > 1/2 Window

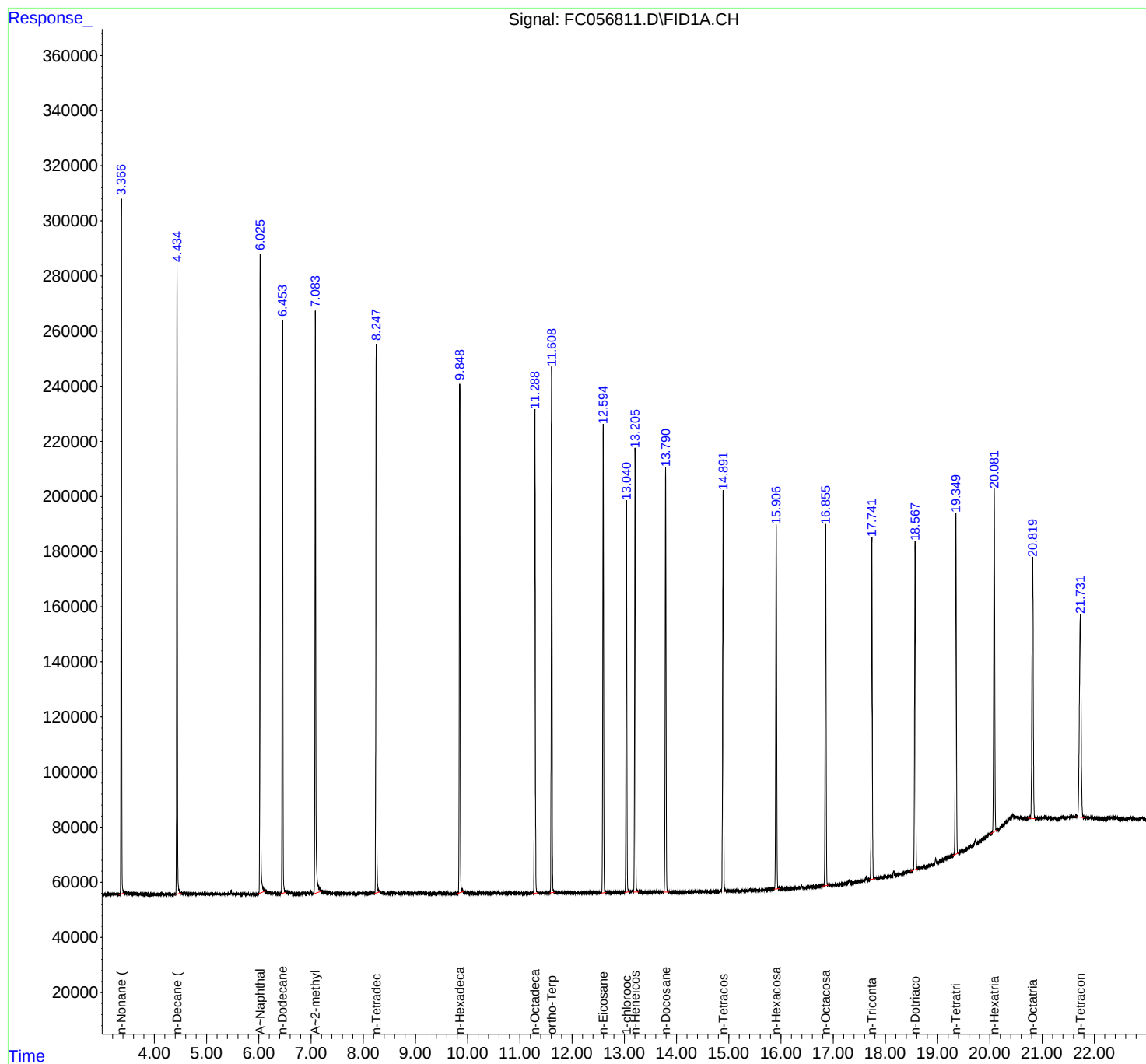
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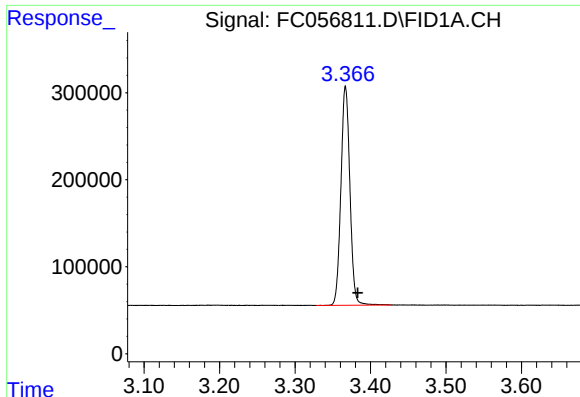
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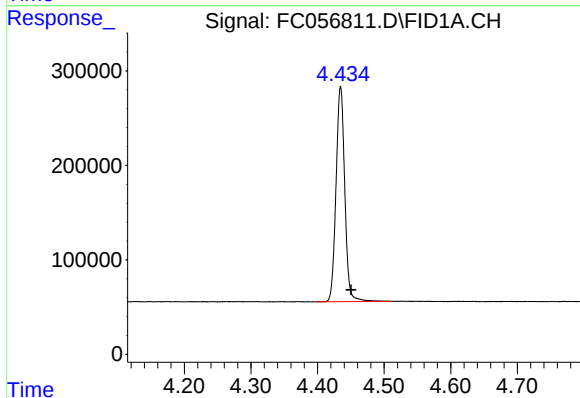




#1 n-Nonane (C9)

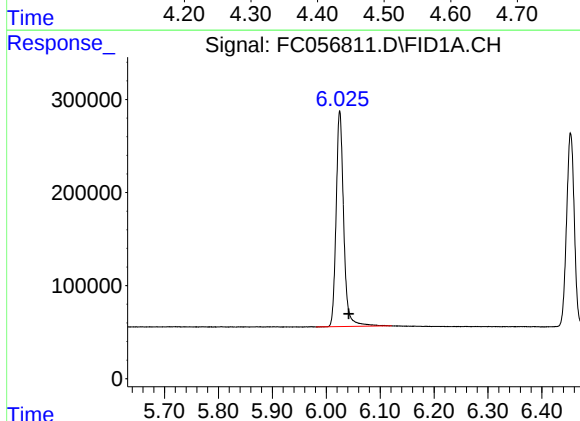
R.T.: 3.367 min
Delta R.T.: -0.016 min
Response: 2085143
Conc: 19.27 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



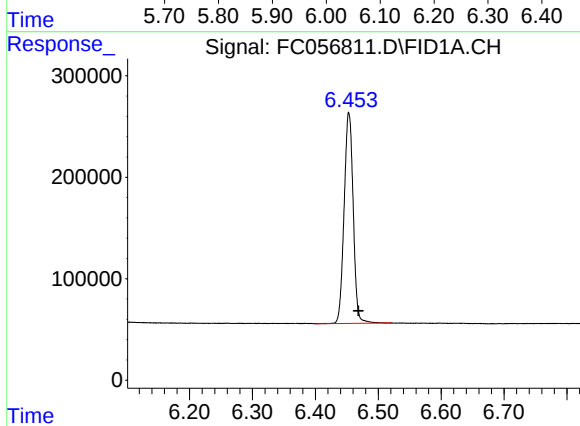
#2 n-Decane (C10)

R.T.: 4.435 min
Delta R.T.: -0.016 min
Response: 2076894
Conc: 19.28 ug/ml



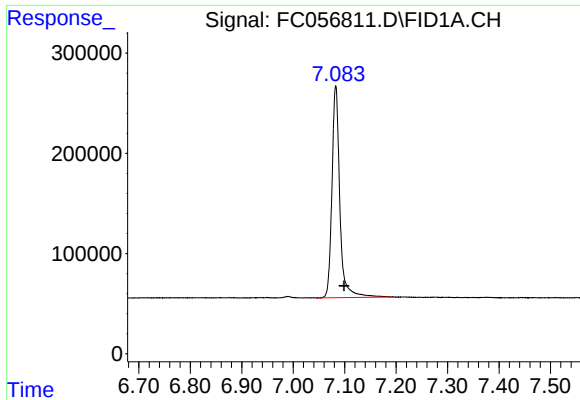
#3 A~Naphthalene (C11.7)

R.T.: 6.025 min
Delta R.T.: -0.017 min
Response: 2262608
Conc: 18.56 ug/ml



#4 n-Dodecane (C12)

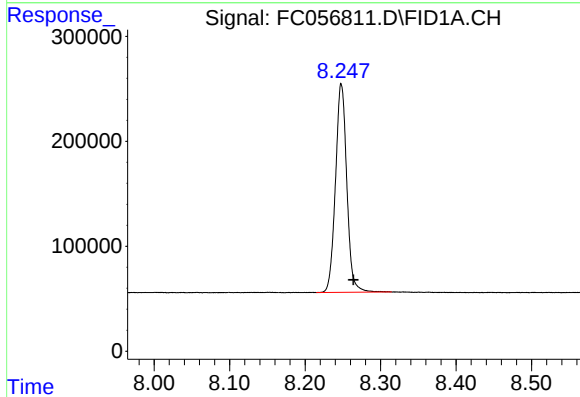
R.T.: 6.453 min
Delta R.T.: -0.015 min
Response: 2084880
Conc: 18.91 ug/ml



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

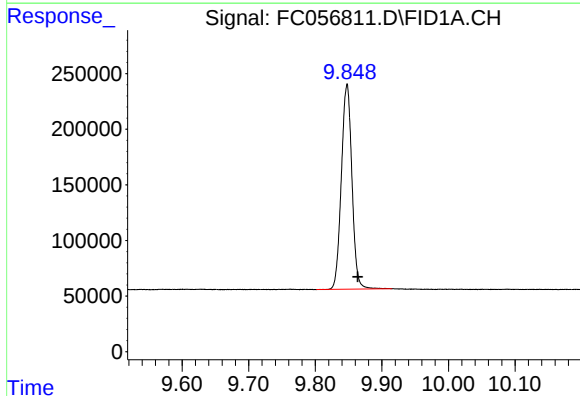
R.T.: 7.083 min
Delta R.T.: -0.016 min
Response: 2247683
Conc: 18.35 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



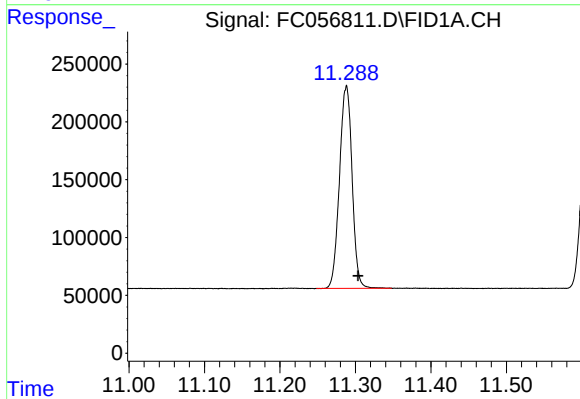
#6 n-Tetradecane (C14)

R.T.: 8.248 min
Delta R.T.: -0.016 min
Response: 2069073
Conc: 18.43 ug/ml



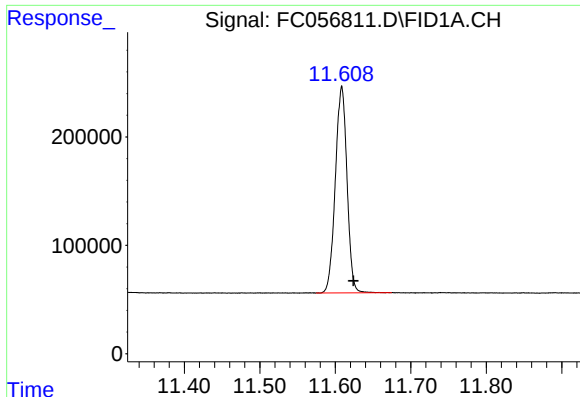
#7 n-Hexadecane (C16)

R.T.: 9.848 min
Delta R.T.: -0.016 min
Response: 2033300
Conc: 17.88 ug/ml



#8 n-Octadecane (C18)

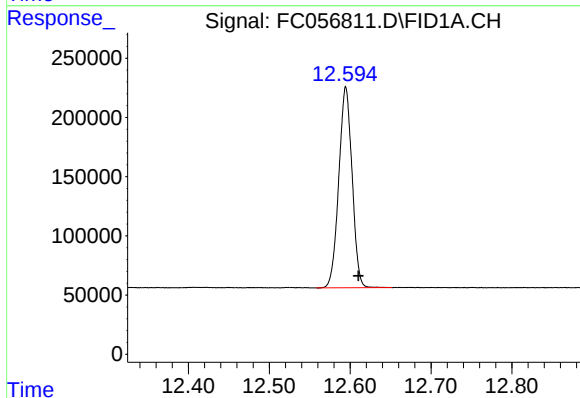
R.T.: 11.288 min
Delta R.T.: -0.016 min
Response: 2035479
Conc: 17.42 ug/ml



#9 ortho-Terphenyl (SURR)

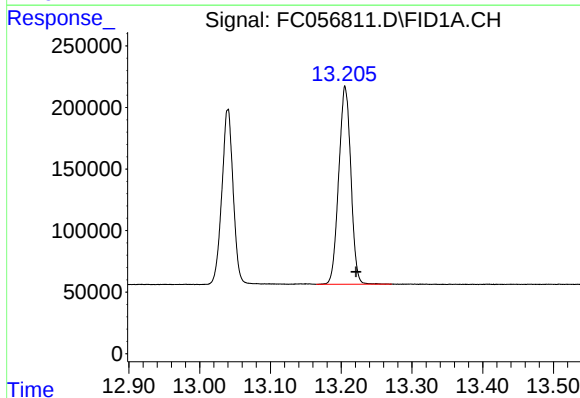
R.T.: 11.608 min
Delta R.T.: -0.016 min
Response: 2045595
Conc: 16.52 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



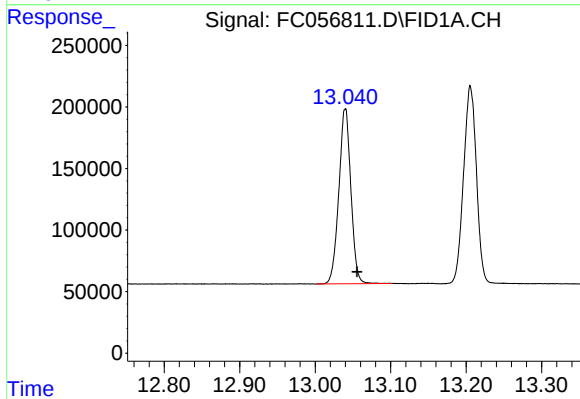
#10 n-Eicosane (C20)

R.T.: 12.595 min
Delta R.T.: -0.016 min
Response: 1937366
Conc: 16.86 ug/ml



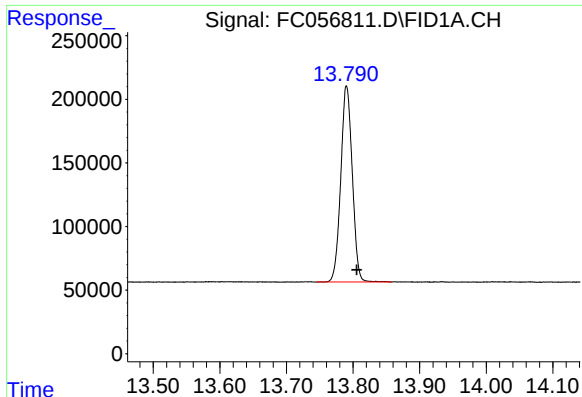
#11 n-Heneicosane (C21)

R.T.: 13.206 min
Delta R.T.: -0.016 min
Response: 1908704
Conc: 16.61 ug/ml



#12 1-chlorooctadecane (SURR)

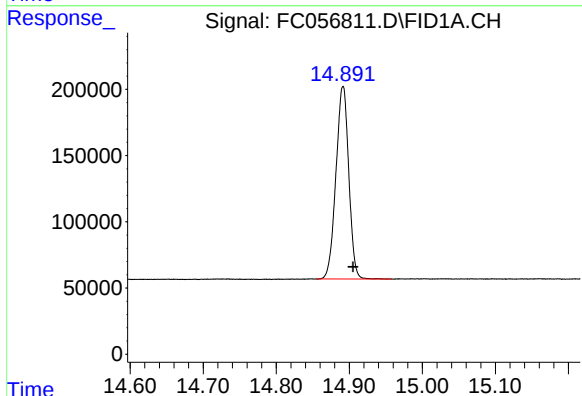
R.T.: 13.040 min
Delta R.T.: -0.016 min
Response: 1577863
Conc: 16.40 ug/ml



#13 n-Docosane (C22)

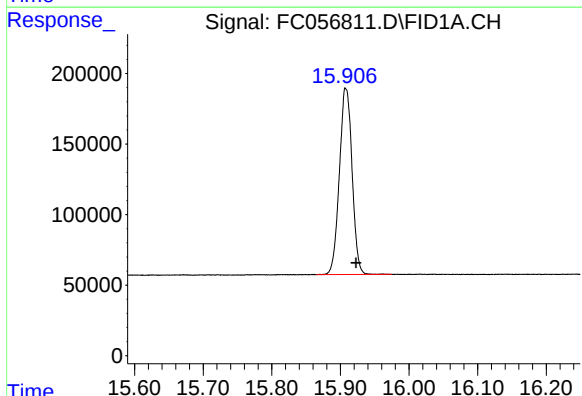
R.T.: 13.791 min
Delta R.T.: -0.015 min
Response: 1850325
Conc: 16.43 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



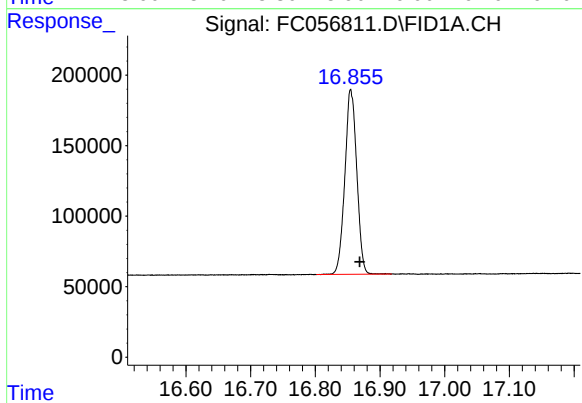
#14 n-Tetracosane (C24)

R.T.: 14.891 min
Delta R.T.: -0.014 min
Response: 1774566
Conc: 16.10 ug/ml



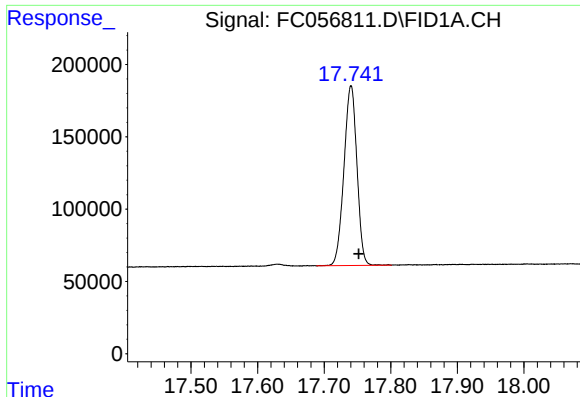
#15 n-Hexacosane (C26)

R.T.: 15.908 min
Delta R.T.: -0.014 min
Response: 1697442
Conc: 16.08 ug/ml



#16 n-Octacosane (C28)

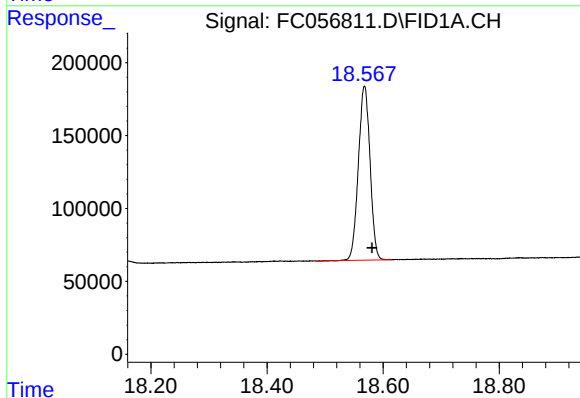
R.T.: 16.855 min
Delta R.T.: -0.014 min
Response: 1674973
Conc: 16.15 ug/ml



#17 n-Tricontane (C30)

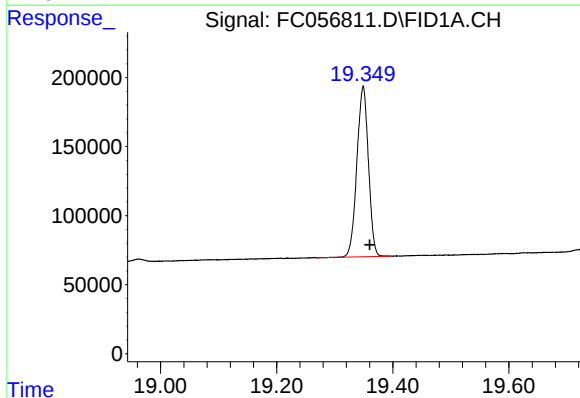
R.T.: 17.740 min
Delta R.T.: -0.012 min
Response: 1678441
Conc: 16.20 ug/ml

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FID_C
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20 PPM ALIPHATIC HC STD



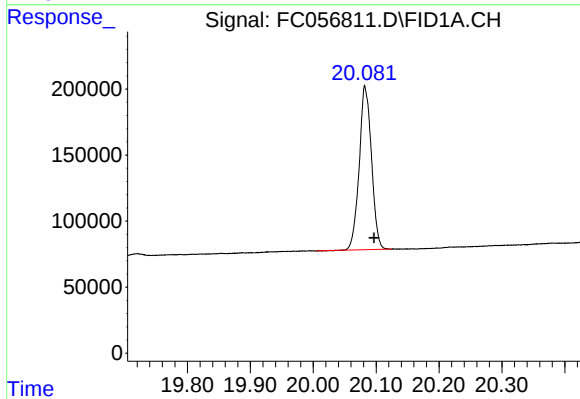
#18 n-Dotriacontane (C32)

R.T.: 18.568 min
Delta R.T.: -0.013 min
Response: 1666050
Conc: 17.39 ug/ml



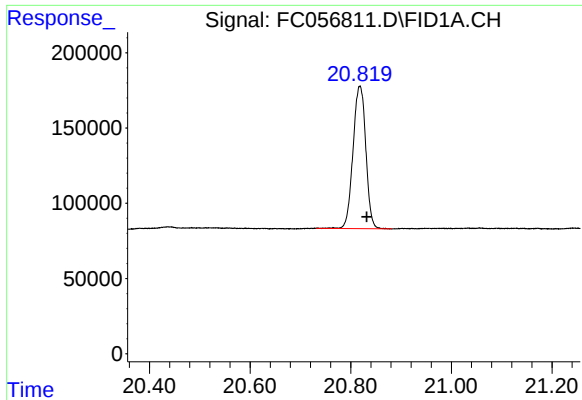
#19 n-Tetratriacontane (C34)

R.T.: 19.349 min
Delta R.T.: -0.012 min
Response: 1700297
Conc: 19.39 ug/ml



#20 n-Hexatriacontane (C36)

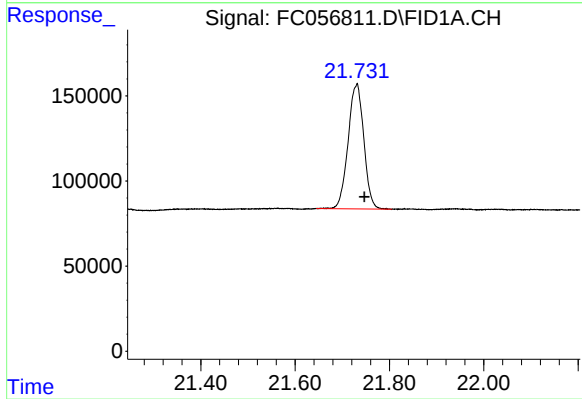
R.T.: 20.083 min
Delta R.T.: -0.014 min
Response: 1677814
Conc: 20.50 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.818 min
Delta R.T.: -0.014 min
Response: 1667756
Conc: 20.85 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.730 min
Delta R.T.: -0.016 min
Response: 1695998
Conc: 20.59 ug/ml