

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC100721AL\
 Data File : FC056051.D
 Signal(s) : FID1A.CH
 Acq On : 07 Oct 2021 21:25
 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: Oct 08 01:14:55 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 092921.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 30 01:25:44 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)	11.641	2147785	18.100 ug/ml
Spiked Amount 50.000		Recovery =	36.20%
12) S 1-chlorooctadecane (S...	13.072	1658567	18.053 ug/ml
Spiked Amount 50.000		Recovery =	36.11%
Target Compounds			
1) T n-Nonane (C9)	3.393	2211526	20.724 ug/ml
2) T n-Decane (C10)	4.462	2237254	20.930 ug/ml
3) T A~Naphthalene (C11.7)	6.055	2428772	20.186 ug/ml
4) T n-Dodecane (C12)	6.481	2220798	20.461 ug/ml
5) T A~2-methylnaphthalene...	7.113	2383697	19.623 ug/ml
6) T n-Tetradecane (C14)	8.276	2179802	19.703 ug/ml
7) T n-Hexadecane (C16)	9.877	2121929	19.170 ug/ml
8) T n-Octadecane (C18)	11.318	2088067	18.657 ug/ml
10) T n-Eicosane (C20)	12.627	1997691	18.289 ug/ml
11) T n-Heneicosane (C21)	13.239	1988376	18.288 ug/ml
13) T n-Docosane (C22)	13.824	1945648	18.218 ug/ml
14) T n-Tetracosane (C24)	14.926	1916293	18.326 ug/ml
15) T n-Hexacosane (C26)	15.944	1879554	18.707 ug/ml
16) T n-Octacosane (C28)	16.892	1881569	19.452 ug/ml
17) T n-Tricontane (C30)	17.777	1903601	20.516 ug/ml
18) T n-Dotriacontane (C32)	18.608	1903885	21.414 ug/ml
19) T n-Tetratriacontane (C34)	19.388	1889764	21.850 ug/ml
20) T n-Hexatriacontane (C36)	20.125	1809691	22.150 ug/ml
21) T n-Octatriacontane (C38)	20.866	1750045	21.961 ug/ml
22) T n-Tetracontane (C40)	21.789	1744109	21.758 ug/ml

(f)=RT Delta > 1/2 Window

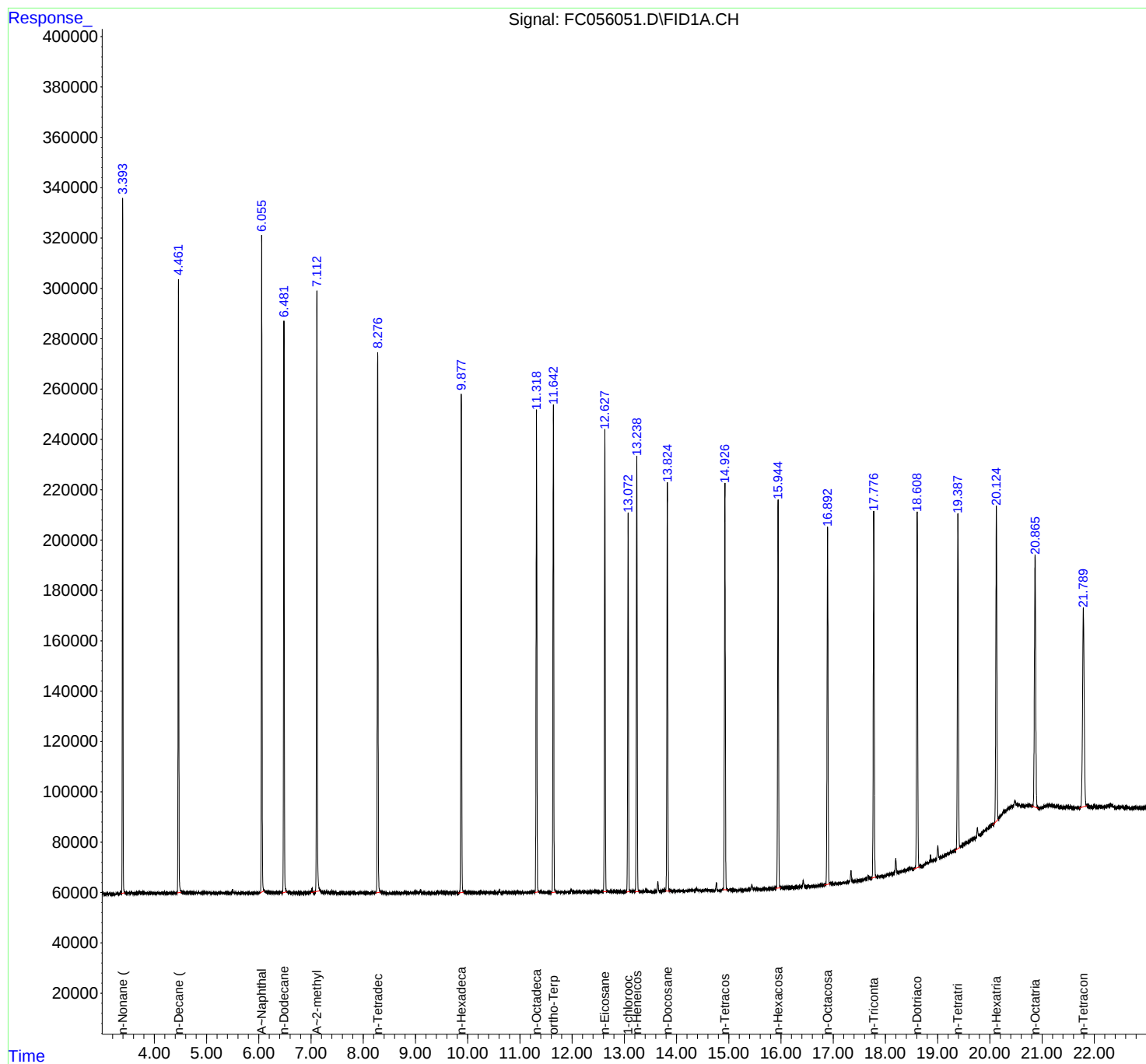
(m)=manual int.

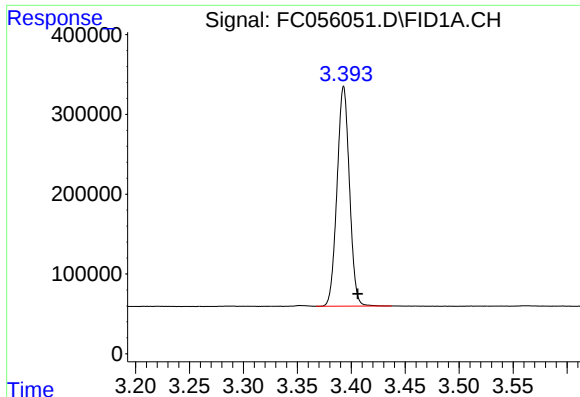
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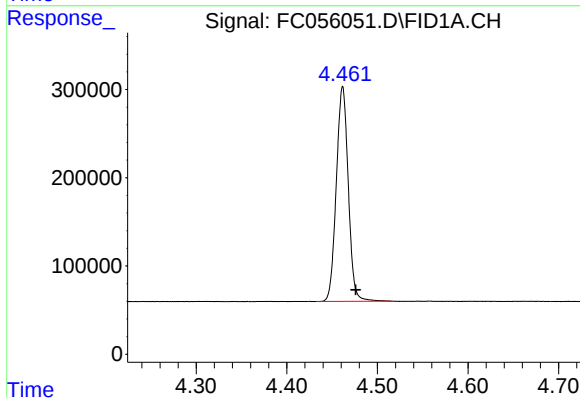




#1 n-Nonane (C9)

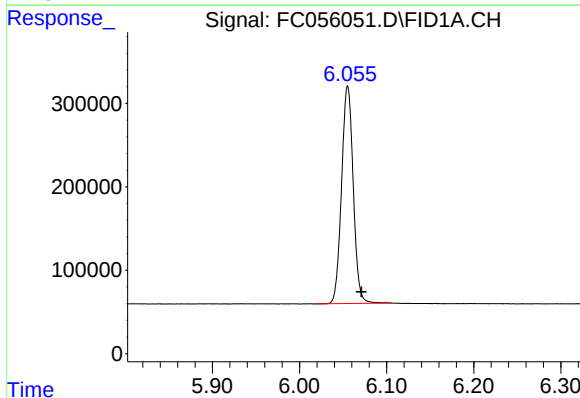
R.T.: 3.393 min
Delta R.T.: -0.013 min
Response: 2211526
Conc: 20.72 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



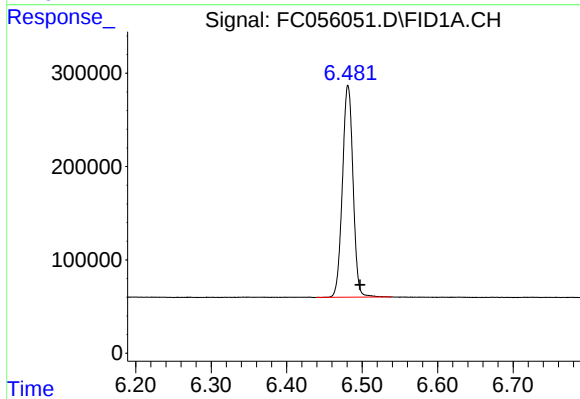
#2 n-Decane (C10)

R.T.: 4.462 min
Delta R.T.: -0.015 min
Response: 2237254
Conc: 20.93 ug/ml



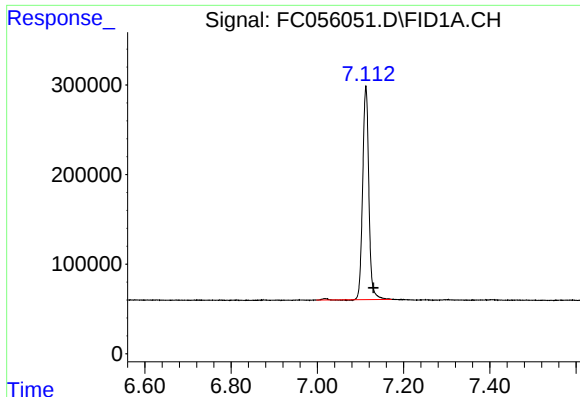
#3 A~Naphthalene (C11.7)

R.T.: 6.055 min
Delta R.T.: -0.016 min
Response: 2428772
Conc: 20.19 ug/ml



#4 n-Dodecane (C12)

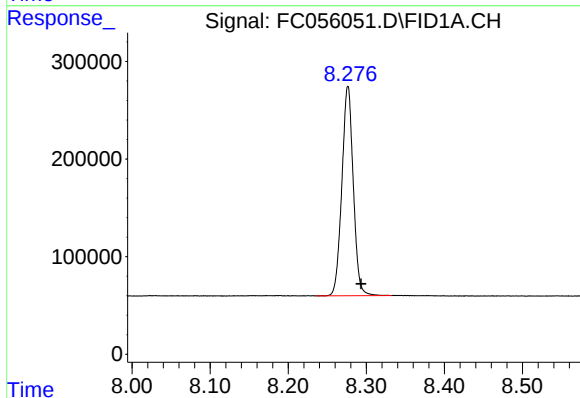
R.T.: 6.481 min
Delta R.T.: -0.016 min
Response: 2220798
Conc: 20.46 ug/ml



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

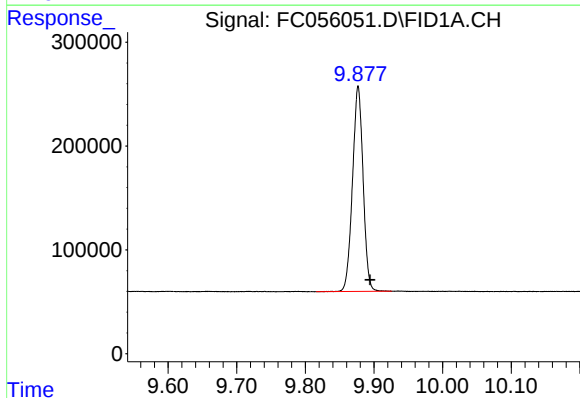
R.T.: 7.113 min
Delta R.T.: -0.018 min
Response: 2383697
Conc: 19.62 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



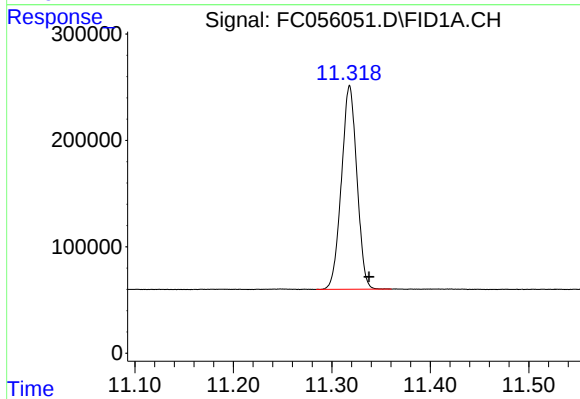
#6 n-Tetradecane (C14)

R.T.: 8.276 min
Delta R.T.: -0.017 min
Response: 2179802
Conc: 19.70 ug/ml



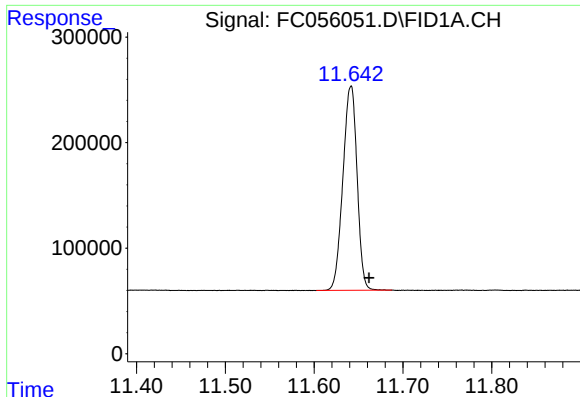
#7 n-Hexadecane (C16)

R.T.: 9.877 min
Delta R.T.: -0.017 min
Response: 2121929
Conc: 19.17 ug/ml



#8 n-Octadecane (C18)

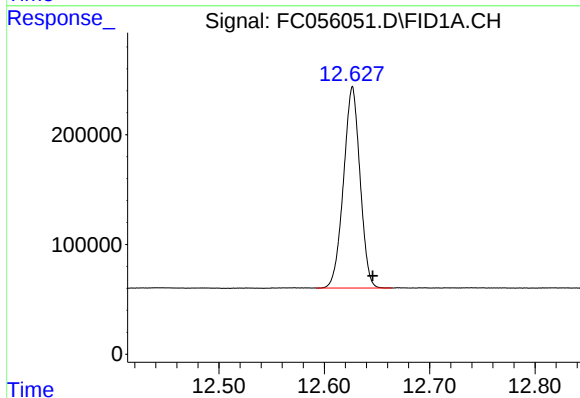
R.T.: 11.318 min
Delta R.T.: -0.020 min
Response: 2088067
Conc: 18.66 ug/ml



#9 ortho-Terphenyl (SURR)

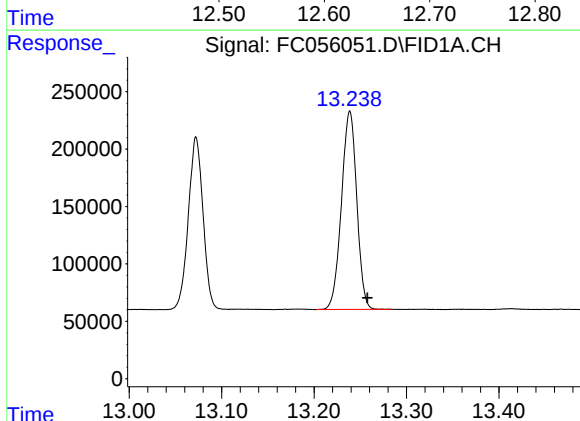
R.T.: 11.641 min
Delta R.T.: -0.021 min
Response: 2147785
Conc: 18.10 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



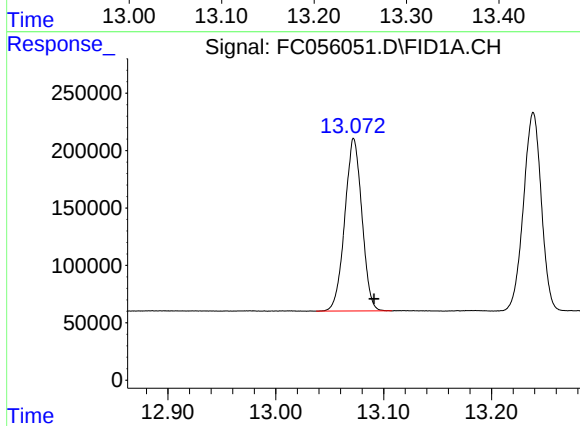
#10 n-Eicosane (C20)

R.T.: 12.627 min
Delta R.T.: -0.019 min
Response: 1997691
Conc: 18.29 ug/ml



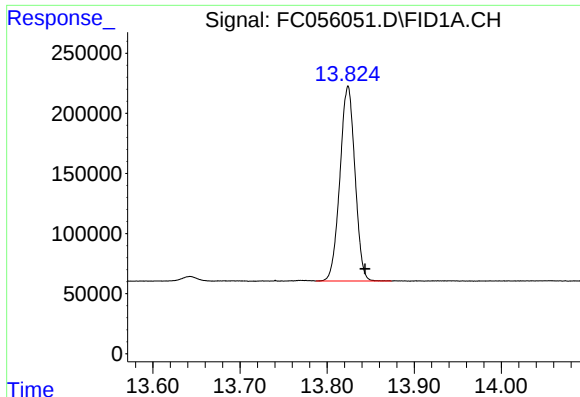
#11 n-Heneicosane (C21)

R.T.: 13.239 min
Delta R.T.: -0.019 min
Response: 1988376
Conc: 18.29 ug/ml



#12 1-chlorooctadecane (SURR)

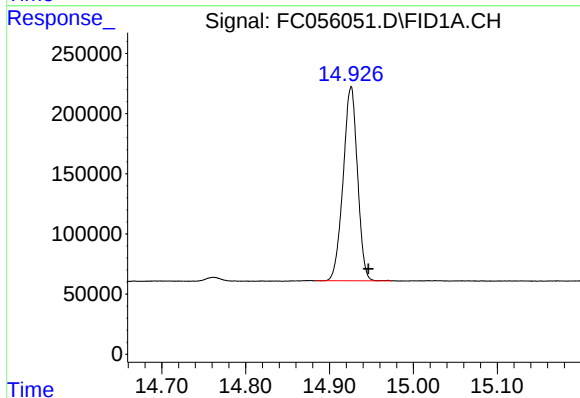
R.T.: 13.072 min
Delta R.T.: -0.019 min
Response: 1658567
Conc: 18.05 ug/ml



#13 n-Docosane (C22)

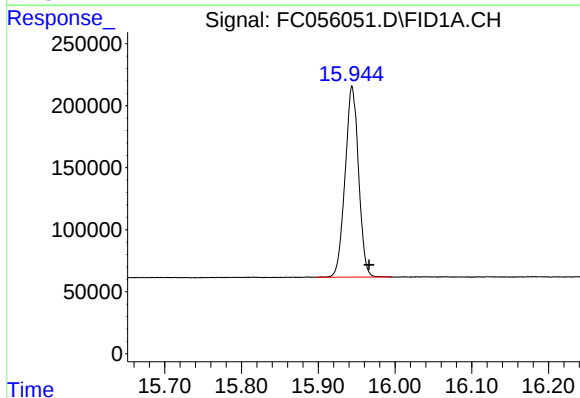
R.T.: 13.824 min
Delta R.T.: -0.020 min
Response: 1945648
Conc: 18.22 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



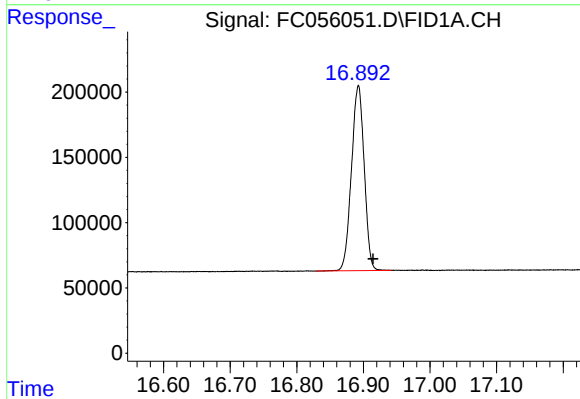
#14 n-Tetracosane (C24)

R.T.: 14.926 min
Delta R.T.: -0.021 min
Response: 1916293
Conc: 18.33 ug/ml



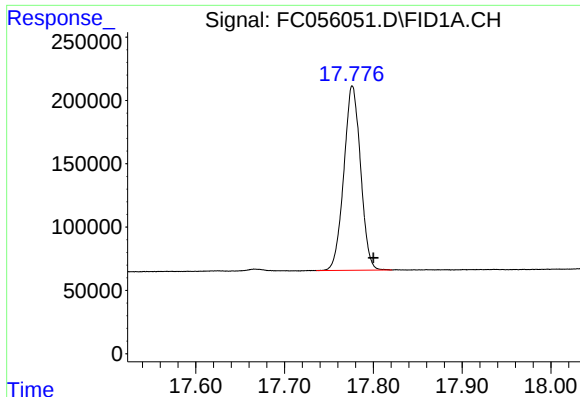
#15 n-Hexacosane (C26)

R.T.: 15.944 min
Delta R.T.: -0.022 min
Response: 1879554
Conc: 18.71 ug/ml



#16 n-Octacosane (C28)

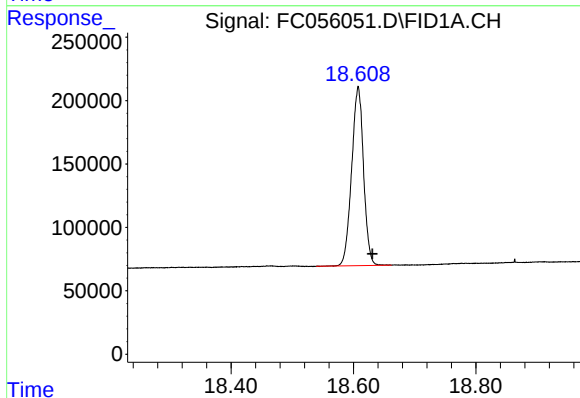
R.T.: 16.892 min
Delta R.T.: -0.022 min
Response: 1881569
Conc: 19.45 ug/ml



#17 n-Tricontane (C30)

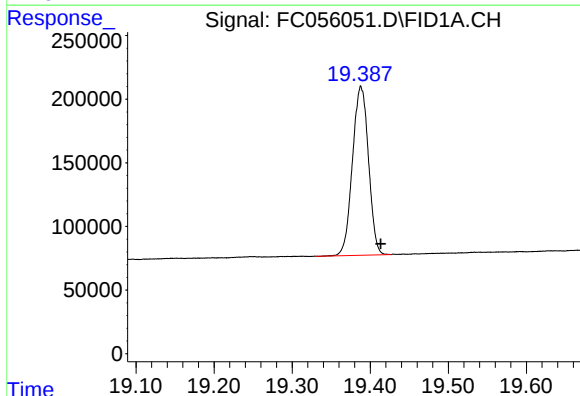
R.T.: 17.777 min
Delta R.T.: -0.024 min
Response: 1903601
Conc: 20.52 ug/ml

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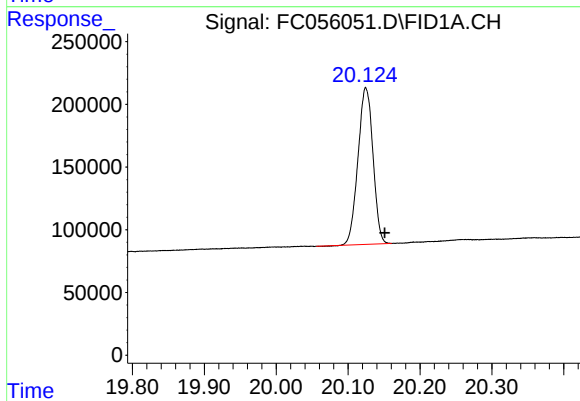
#18 n-Dotriacontane (C32)

R.T.: 18.608 min
Delta R.T.: -0.023 min
Response: 1903885
Conc: 21.41 ug/ml



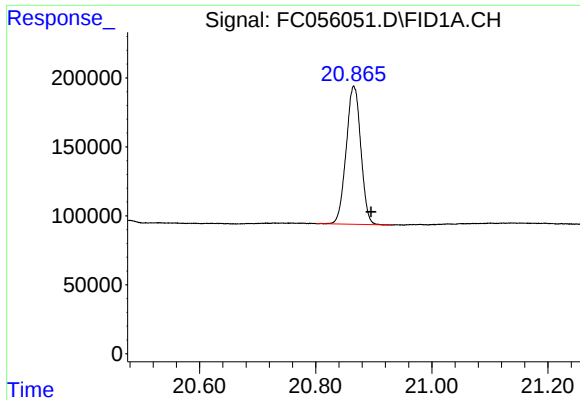
#19 n-Tetratriacontane (C34)

R.T.: 19.388 min
Delta R.T.: -0.025 min
Response: 1889764
Conc: 21.85 ug/ml



#20 n-Hexatriacontane (C36)

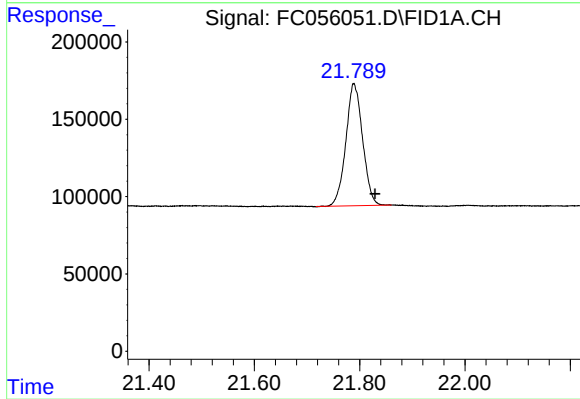
R.T.: 20.125 min
Delta R.T.: -0.026 min
Response: 1809691
Conc: 22.15 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.866 min
Delta R.T.: -0.030 min
Response: 1750045
Conc: 21.96 ug/ml

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FID_C
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.789 min
Delta R.T.: -0.040 min
Response: 1744109
Conc: 21.76 ug/ml