

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081621AL\
 Data File : FC055211.D
 Signal(s) : FID1A.CH
 Acq On : 16 Aug 2021 22:51
 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: Aug 17 01:34:08 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 080321.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 04 02:08:31 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)	11.305	2319543	18.424 ug/ml
Spiked Amount 50.000		Recovery =	36.85%
12) S 1-chlorooctadecane (S...	12.745	1822369	18.388 ug/ml
Spiked Amount 50.000		Recovery =	36.78%
Target Compounds			
1) T n-Nonane (C9)	3.143	2112605	20.203 ug/ml
2) T n-Decane (C10)	4.191	2164091	20.550 ug/ml
3) T A~Naphthalene (C11.7)	5.757	2225598	20.483 ug/ml
4) T n-Dodecane (C12)	6.191	2221148	20.454 ug/ml
5) T A~2-methylnaphthalene...	6.806	2264323	20.747 ug/ml
6) T n-Tetradecane (C14)	7.976	2255220	20.201 ug/ml
7) T n-Hexadecane (C16)	9.567	2268164	19.887 ug/ml
8) T n-Octadecane (C18)	11.001	2287181	19.396 ug/ml
10) T n-Eicosane (C20)	12.304	2207931	18.806 ug/ml
11) T n-Heneicosane (C21)	12.913	2190364	18.550 ug/ml
13) T n-Docosane (C22)	13.497	2126555	18.207 ug/ml
14) T n-Tetracosane (C24)	14.595	2057316	17.774 ug/ml
15) T n-Hexacosane (C26)	15.612	1933616	17.253 ug/ml
16) T n-Octacosane (C28)	16.559	1877272	17.290 ug/ml
17) T n-Tricontane (C30)	17.443	1812741	17.362 ug/ml
18) T n-Dotriacontane (C32)	18.273	1771139	17.884 ug/ml
19) T n-Tetratriacontane (C34)	19.055	1779774	18.778 ug/ml
20) T n-Hexatriacontane (C36)	19.792	1748181	19.346 ug/ml
21) T n-Octatriacontane (C38)	20.494	1739932	20.137 ug/ml
22) T n-Tetracontane (C40)	21.297	1801359	20.228 ug/ml

(f)=RT Delta > 1/2 Window

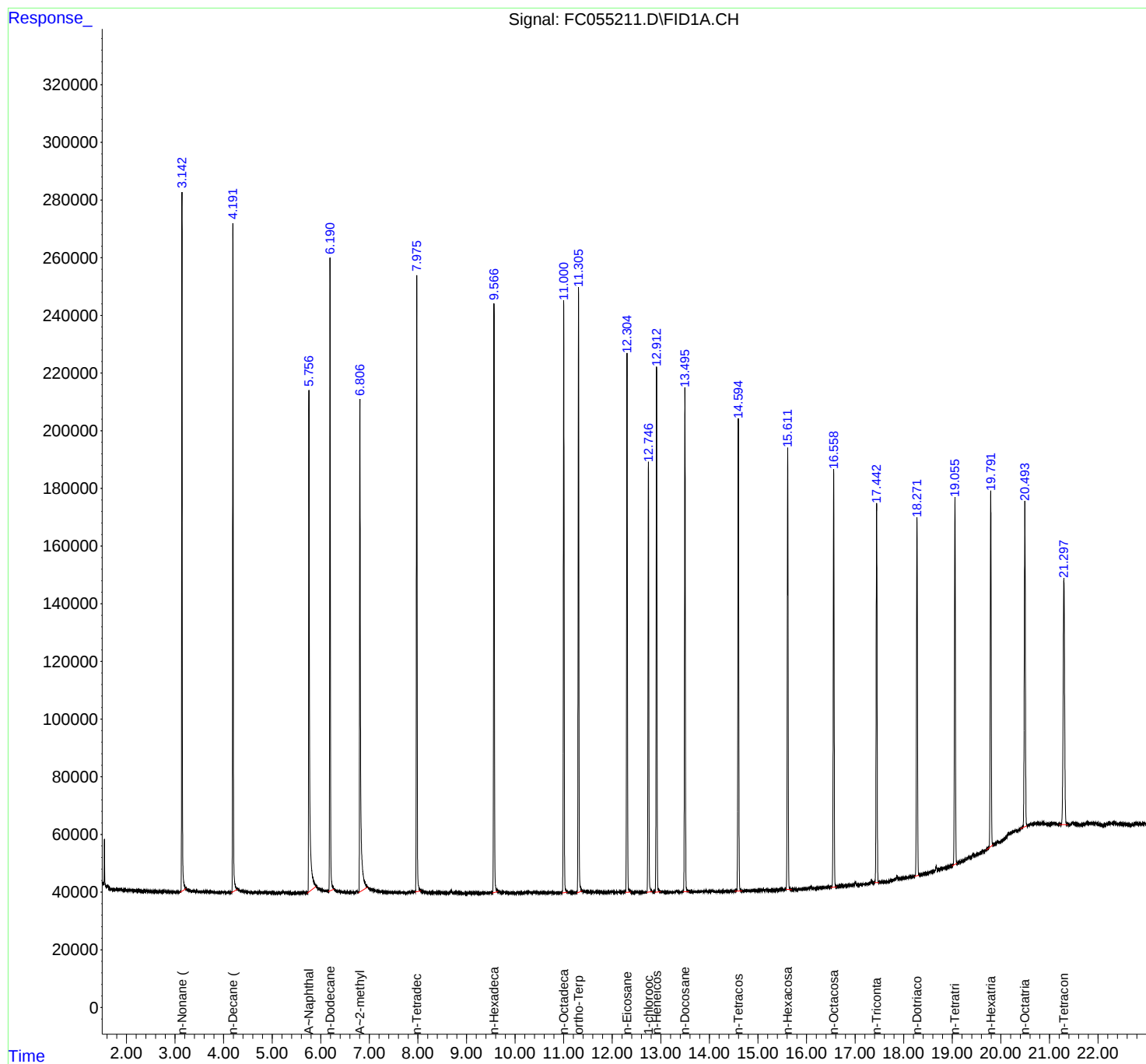
(m)=manual int.

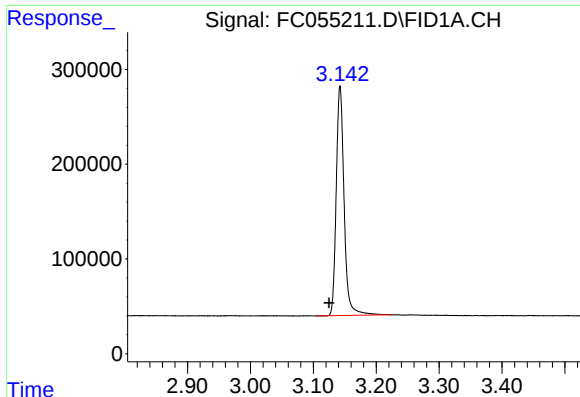
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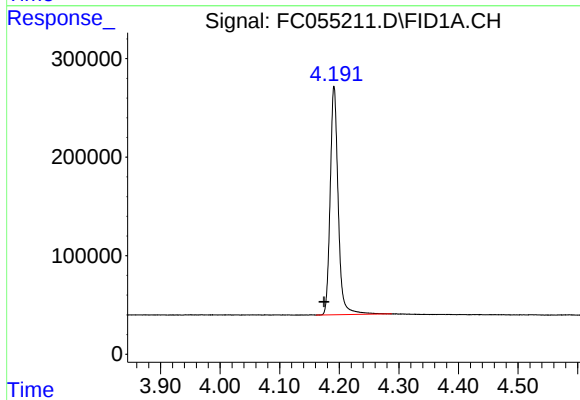




#1 n-Nonane (C9)

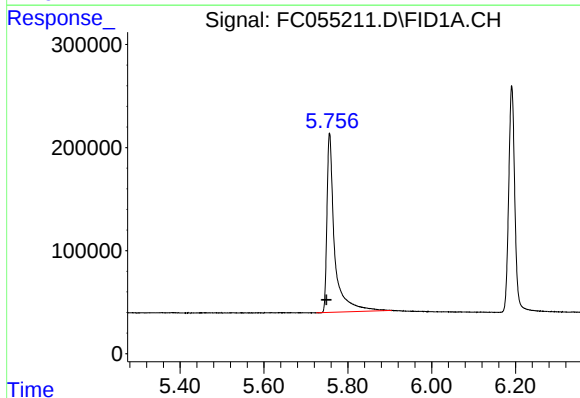
R.T.: 3.143 min
Delta R.T.: 0.018 min
Response: 2112605
Conc: 20.20 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



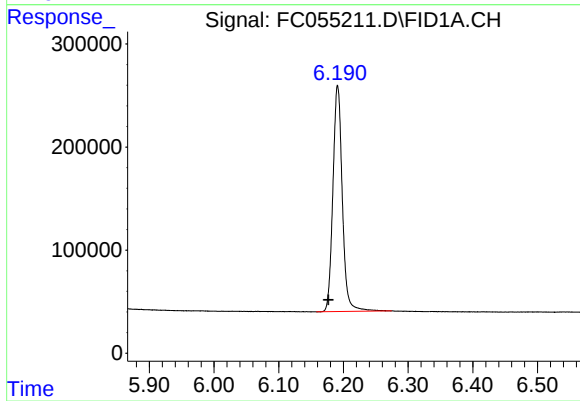
#2 n-Decane (C10)

R.T.: 4.191 min
Delta R.T.: 0.017 min
Response: 2164091
Conc: 20.55 ug/ml



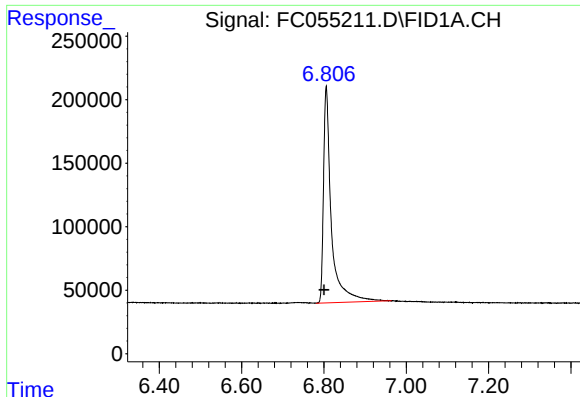
#3 A~Naphthalene (C11.7)

R.T.: 5.757 min
Delta R.T.: 0.008 min
Response: 2225598
Conc: 20.48 ug/ml



#4 n-Dodecane (C12)

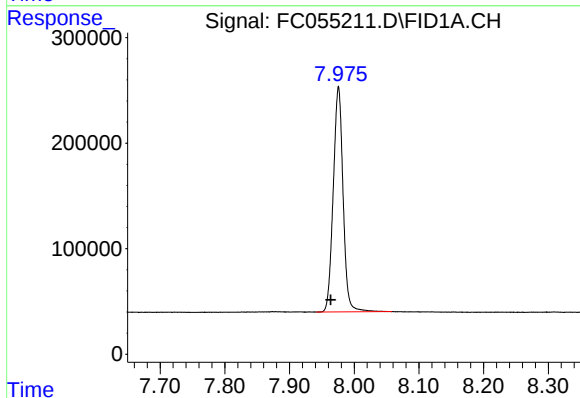
R.T.: 6.191 min
Delta R.T.: 0.014 min
Response: 2221148
Conc: 20.45 ug/ml



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

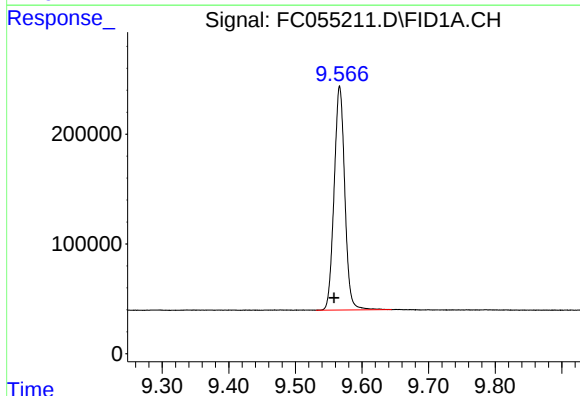
R.T.: 6.806 min
Delta R.T.: 0.006 min
Response: 2264323
Conc: 20.75 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



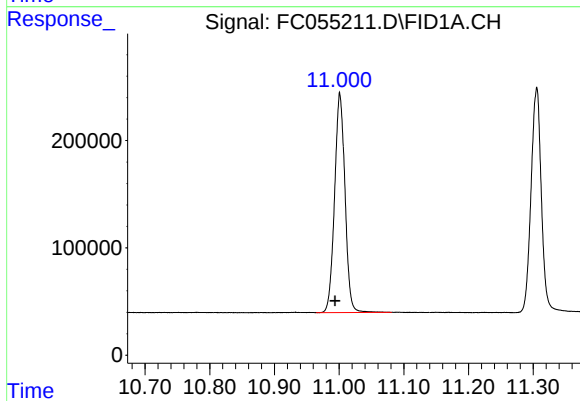
#6 n-Tetradecane (C14)

R.T.: 7.976 min
Delta R.T.: 0.012 min
Response: 2255220
Conc: 20.20 ug/ml



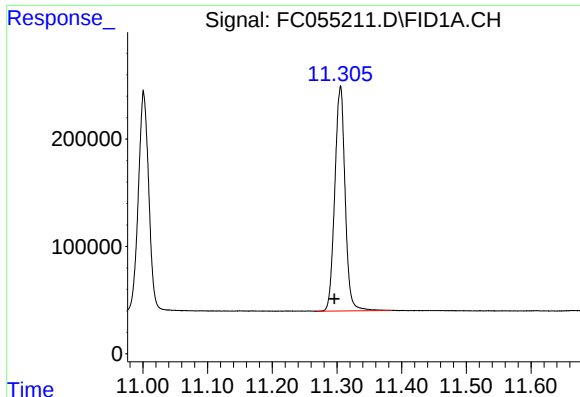
#7 n-Hexadecane (C16)

R.T.: 9.567 min
Delta R.T.: 0.009 min
Response: 2268164
Conc: 19.89 ug/ml



#8 n-Octadecane (C18)

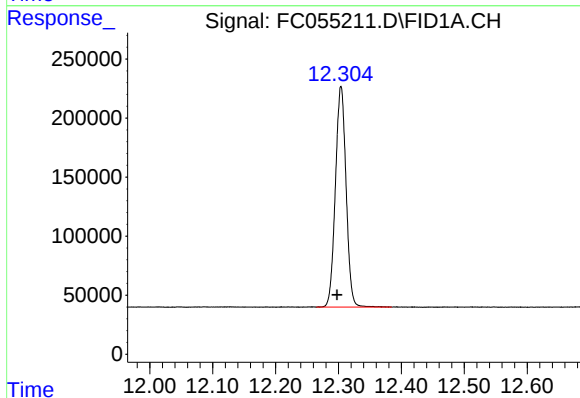
R.T.: 11.001 min
Delta R.T.: 0.008 min
Response: 2287181
Conc: 19.40 ug/ml



#9 ortho-Terphenyl (SURR)

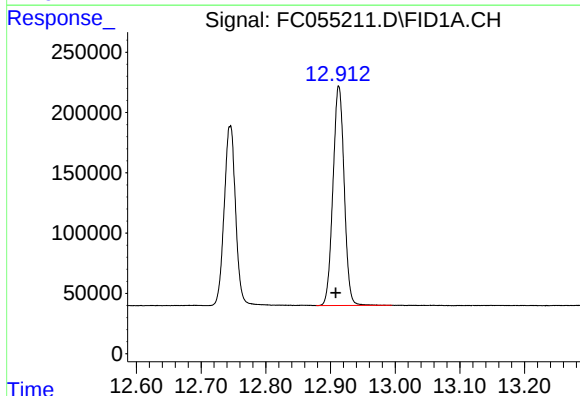
R.T.: 11.305 min
Delta R.T.: 0.009 min
Response: 2319543
Conc: 18.42 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



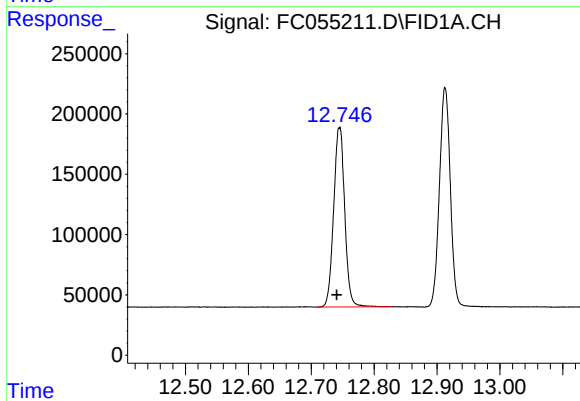
#10 n-Eicosane (C20)

R.T.: 12.304 min
Delta R.T.: 0.006 min
Response: 2207931
Conc: 18.81 ug/ml



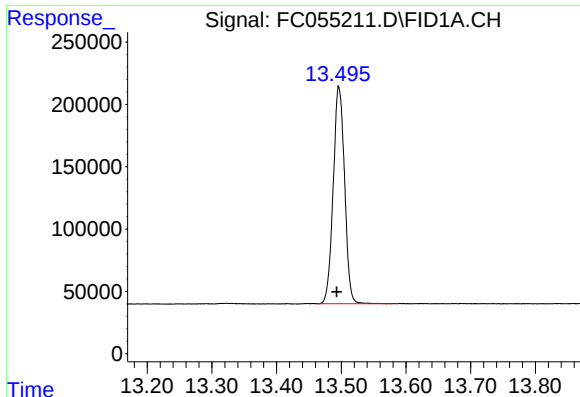
#11 n-Heneicosane (C21)

R.T.: 12.913 min
Delta R.T.: 0.005 min
Response: 2190364
Conc: 18.55 ug/ml



#12 1-chlorooctadecane (SURR)

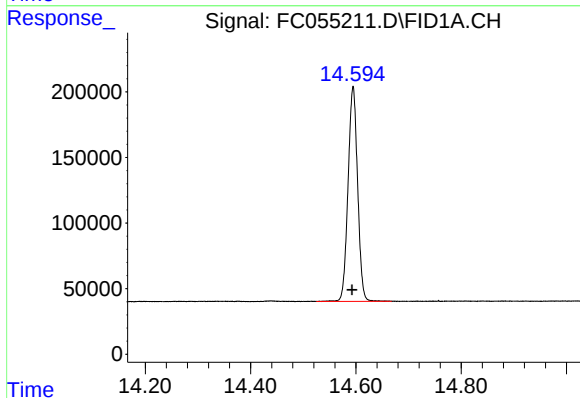
R.T.: 12.745 min
Delta R.T.: 0.004 min
Response: 1822369
Conc: 18.39 ug/ml



#13 n-Docosane (C22)

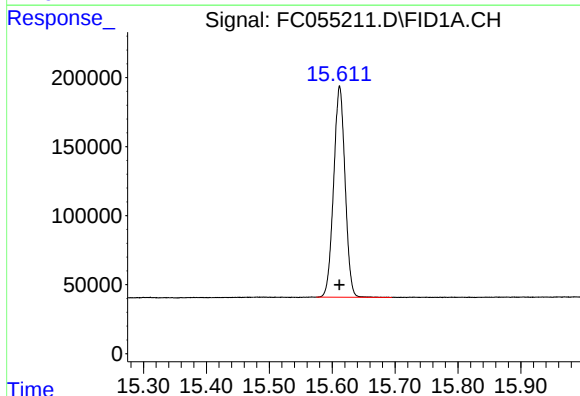
R.T.: 13.497 min
Delta R.T.: 0.004 min
Response: 2126555
Conc: 18.21 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



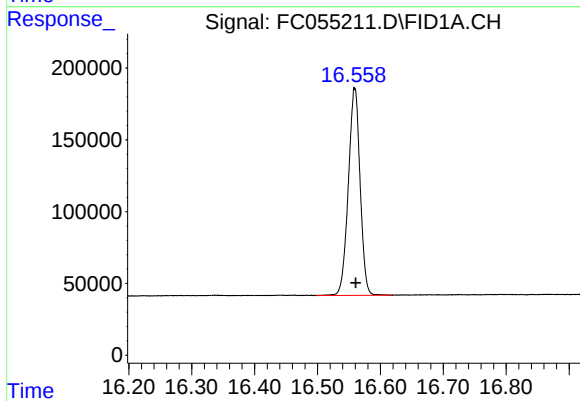
#14 n-Tetracosane (C24)

R.T.: 14.595 min
Delta R.T.: 0.002 min
Response: 2057316
Conc: 17.77 ug/ml



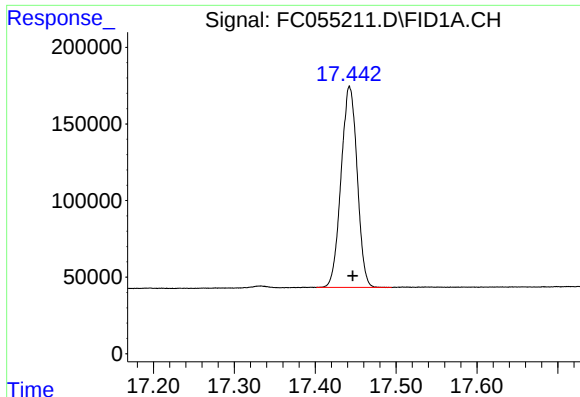
#15 n-Hexacosane (C26)

R.T.: 15.612 min
Delta R.T.: 0.000 min
Response: 1933616
Conc: 17.25 ug/ml



#16 n-Octacosane (C28)

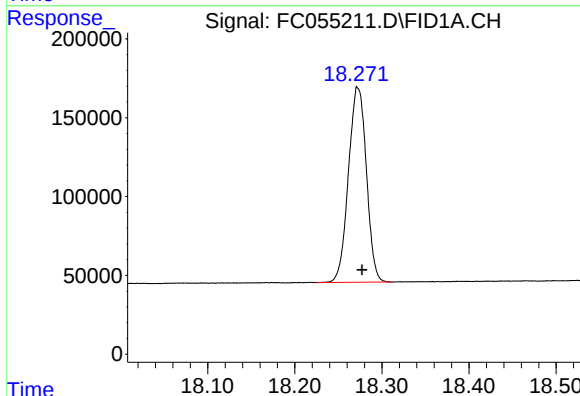
R.T.: 16.559 min
Delta R.T.: -0.001 min
Response: 1877272
Conc: 17.29 ug/ml



#17 n-Tricontane (C30)

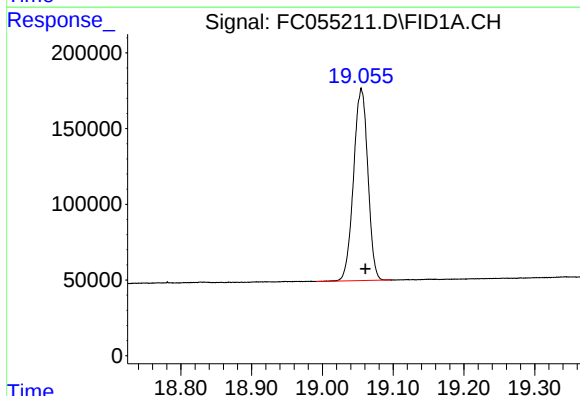
R.T.: 17.443 min
Delta R.T.: -0.004 min
Response: 1812741
Conc: 17.36 ug/ml

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FID_C
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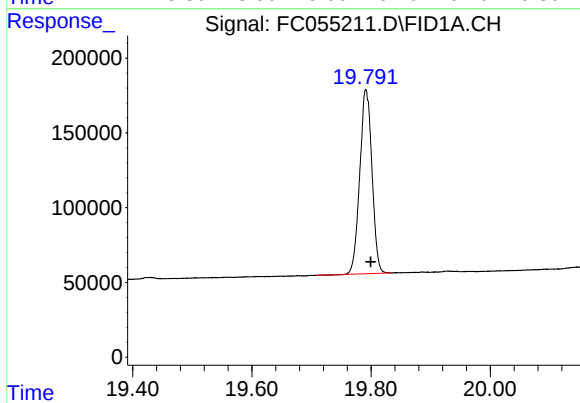
#18 n-Dotriacontane (C32)

R.T.: 18.273 min
Delta R.T.: -0.005 min
Response: 1771139
Conc: 17.88 ug/ml



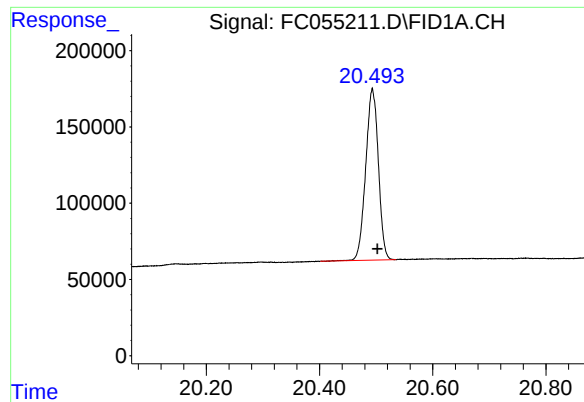
#19 n-Tetratriacontane (C34)

R.T.: 19.055 min
Delta R.T.: -0.006 min
Response: 1779774
Conc: 18.78 ug/ml



#20 n-Hexatriacontane (C36)

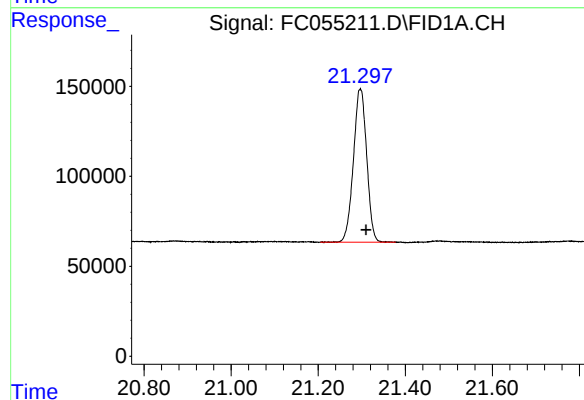
R.T.: 19.792 min
Delta R.T.: -0.008 min
Response: 1748181
Conc: 19.35 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.494 min
Delta R.T.: -0.009 min
Response: 1739932
Conc: 20.14 ug/ml

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FID_C
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.297 min
Delta R.T.: -0.013 min
Response: 1801359
Conc: 20.23 ug/ml