

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081221AL\
 Data File : FC055167.D
 Signal(s) : FID1A.CH
 Acq On : 12 Aug 2021 23:57
 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 13 01:41:21 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)	11.306	2351265	18.676 ug/ml
Spiked Amount 50.000		Recovery =	37.35%
12) S 1-chlorooctadecane (S...	12.747	1843946	18.606 ug/ml
Spiked Amount 50.000		Recovery =	37.21%
Target Compounds			
1) T n-Nonane (C9)	3.143	2121856	20.292 ug/ml
2) T n-Decane (C10)	4.192	2202057	20.911 ug/ml
3) T A~Naphthalene (C11.7)	5.757	2299602	21.164 ug/ml
4) T n-Dodecane (C12)	6.192	2284347	21.036 ug/ml
5) T A~2-methylnaphthalene...	6.806	2300188	21.076 ug/ml
6) T n-Tetradecane (C14)	7.976	2303712	20.636 ug/ml
7) T n-Hexadecane (C16)	9.568	2298533	20.153 ug/ml
8) T n-Octadecane (C18)	11.003	2320332	19.677 ug/ml
10) T n-Eicosane (C20)	12.306	2232841	19.019 ug/ml
11) T n-Heneicosane (C21)	12.915	2220682	18.807 ug/ml
13) T n-Docosane (C22)	13.499	2158363	18.480 ug/ml
14) T n-Tetracosane (C24)	14.598	2096842	18.115 ug/ml
15) T n-Hexacosane (C26)	15.615	1992892	17.782 ug/ml
16) T n-Octacosane (C28)	16.560	1941492	17.882 ug/ml
17) T n-Tricontane (C30)	17.445	1900460	18.202 ug/ml
18) T n-Dotriacontane (C32)	18.274	1858132	18.763 ug/ml
19) T n-Tetratriacontane (C34)	19.055	1845389	19.470 ug/ml
20) T n-Hexatriacontane (C36)	19.792	1769031	19.576 ug/ml
21) T n-Octatriacontane (C38)	20.495	1697159	19.642 ug/ml
22) T n-Tetracontane (C40)	21.297	1713198	19.238 ug/ml

(f)=RT Delta > 1/2 Window

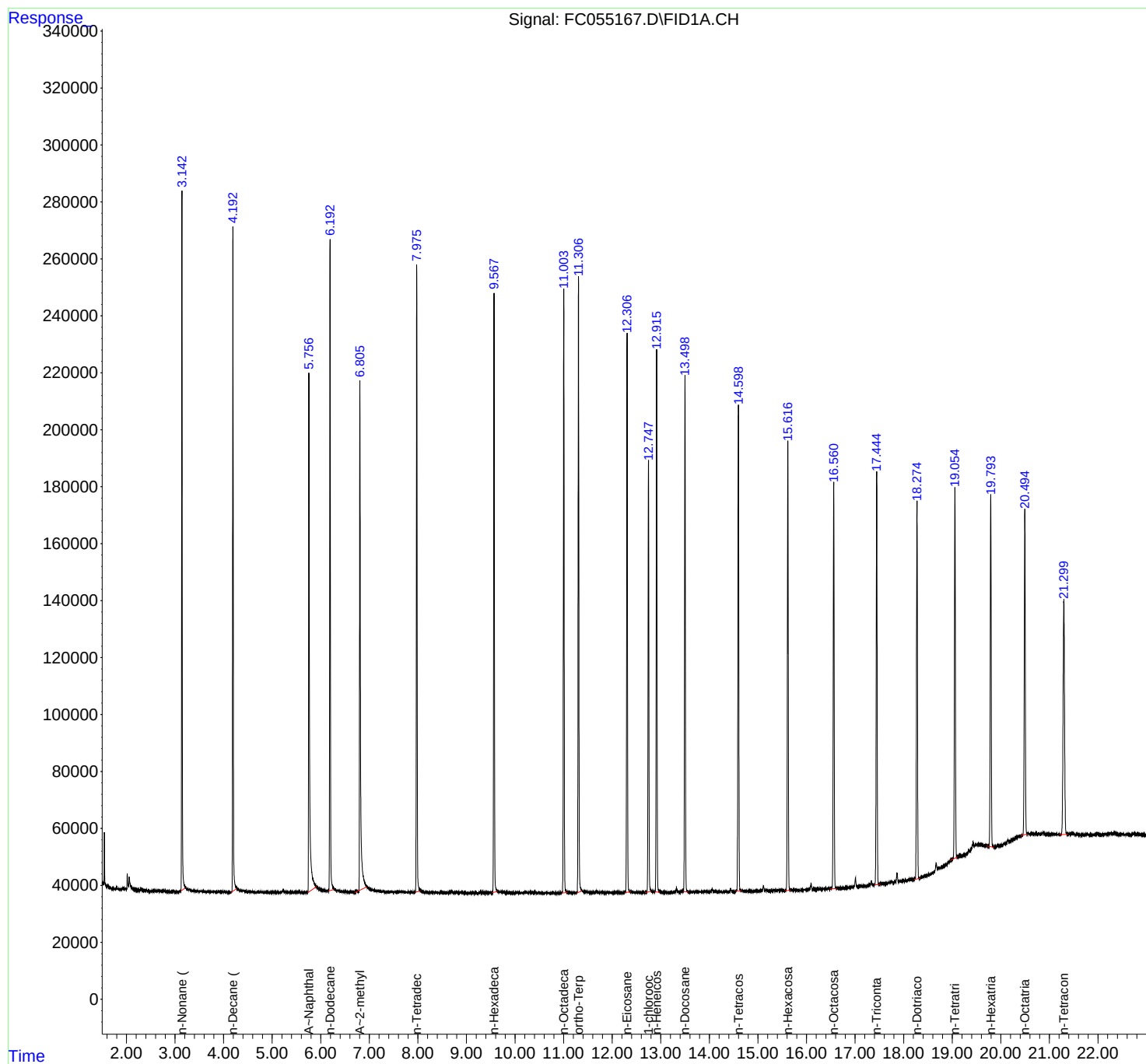
(m)=manual int.

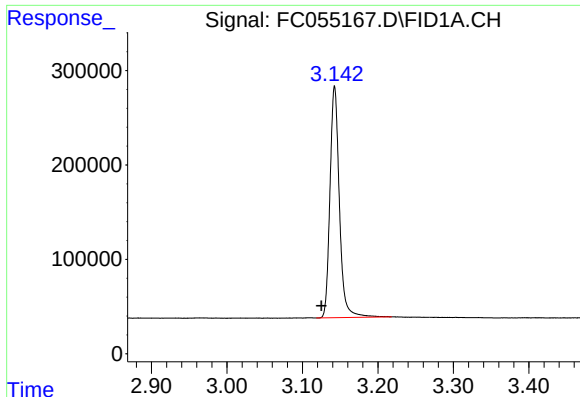
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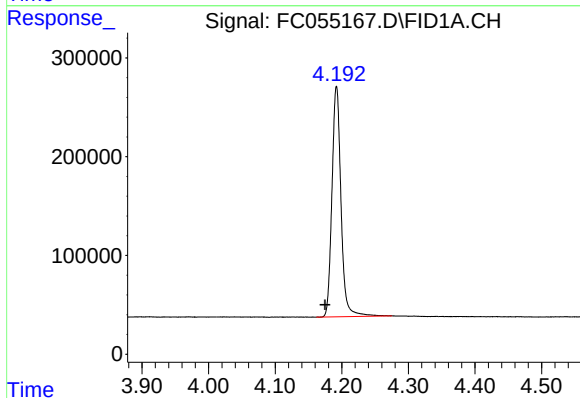




#1 n-Nonane (C9)

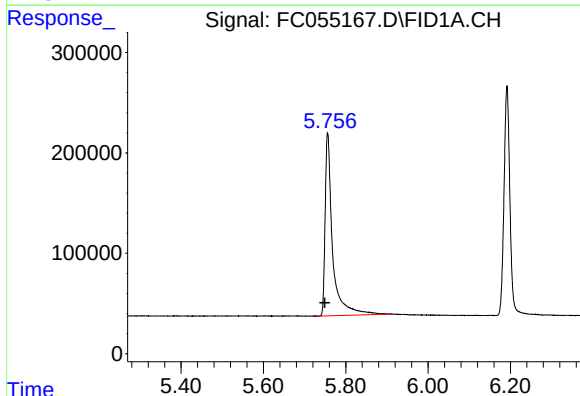
R.T.: 3.143 min
Delta R.T.: 0.018 min
Response: 2121856
Conc: 20.29 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



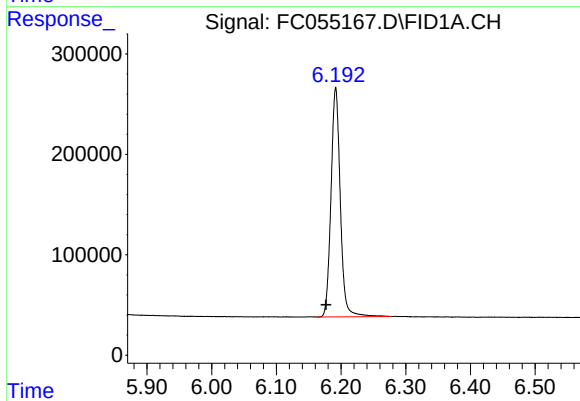
#2 n-Decane (C10)

R.T.: 4.192 min
Delta R.T.: 0.017 min
Response: 2202057
Conc: 20.91 ug/ml



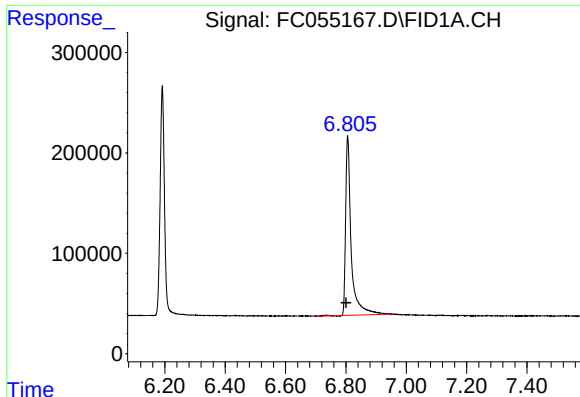
#3 A~Naphthalene (C11.7)

R.T.: 5.757 min
Delta R.T.: 0.008 min
Response: 2299602
Conc: 21.16 ug/ml



#4 n-Dodecane (C12)

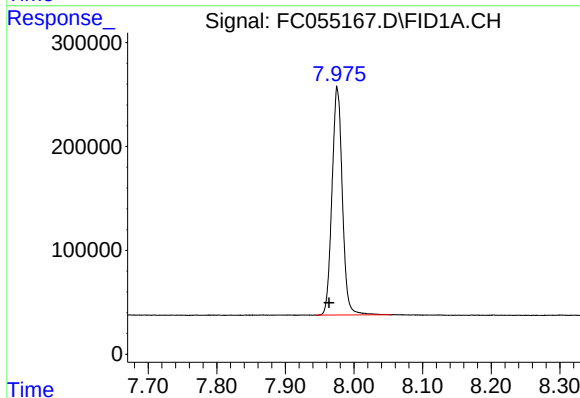
R.T.: 6.192 min
Delta R.T.: 0.015 min
Response: 2284347
Conc: 21.04 ug/ml



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

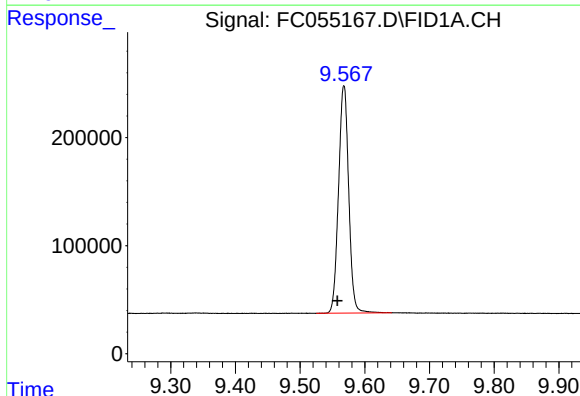
R.T.: 6.806 min
Delta R.T.: 0.006 min
Response: 2300188
Conc: 21.08 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



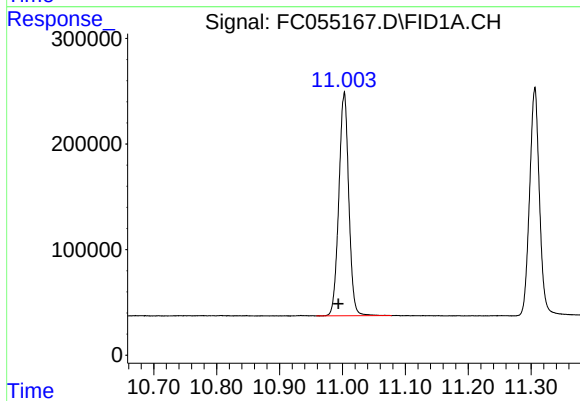
#6 n-Tetradecane (C14)

R.T.: 7.976 min
Delta R.T.: 0.012 min
Response: 2303712
Conc: 20.64 ug/ml



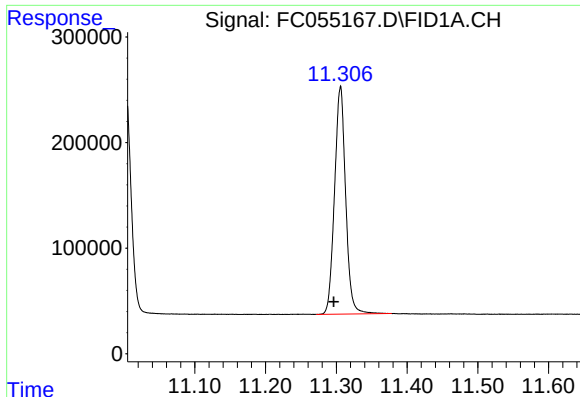
#7 n-Hexadecane (C16)

R.T.: 9.568 min
Delta R.T.: 0.010 min
Response: 2298533
Conc: 20.15 ug/ml



#8 n-Octadecane (C18)

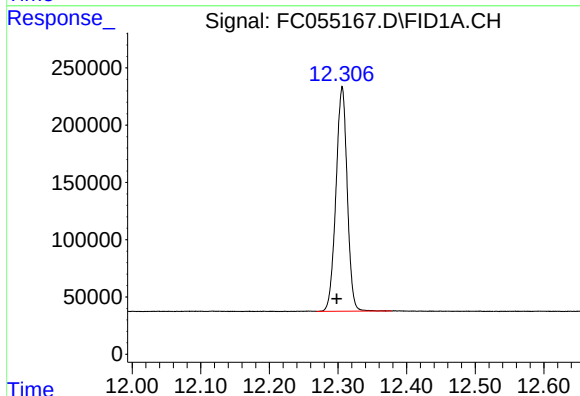
R.T.: 11.003 min
Delta R.T.: 0.009 min
Response: 2320332
Conc: 19.68 ug/ml



#9 ortho-Terphenyl (SURR)

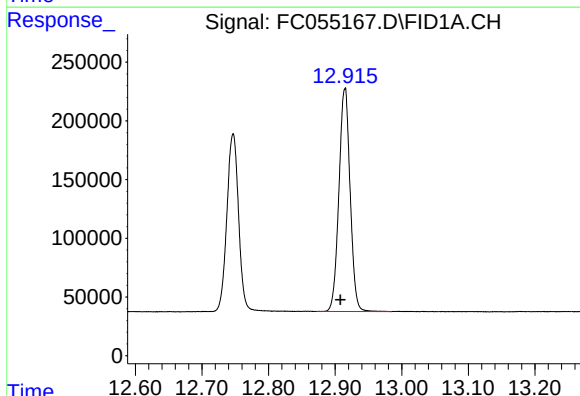
R.T.: 11.306 min
Delta R.T.: 0.009 min
Response: 2351265
Conc: 18.68 ug/ml

Instrument :
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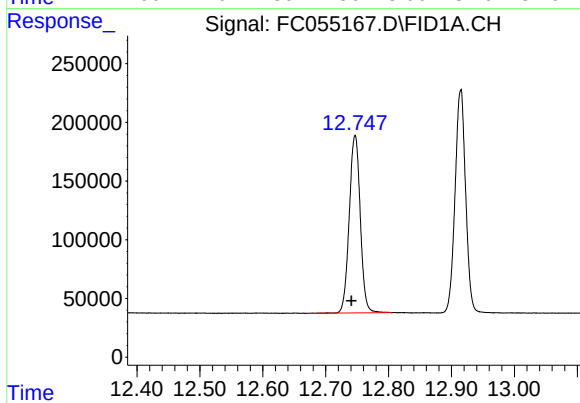
#10 n-Eicosane (C20)

R.T.: 12.306 min
Delta R.T.: 0.008 min
Response: 2232841
Conc: 19.02 ug/ml



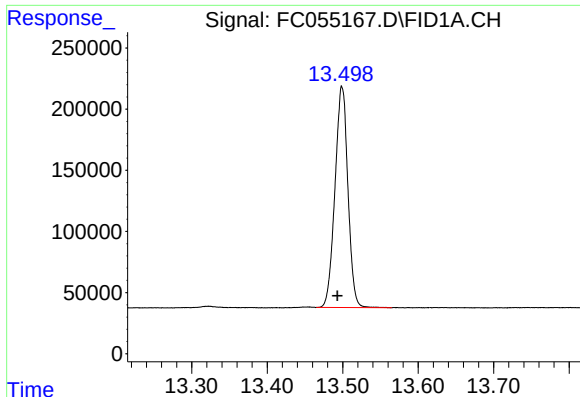
#11 n-Heneicosane (C21)

R.T.: 12.915 min
Delta R.T.: 0.006 min
Response: 2220682
Conc: 18.81 ug/ml



#12 1-chlorooctadecane (SURR)

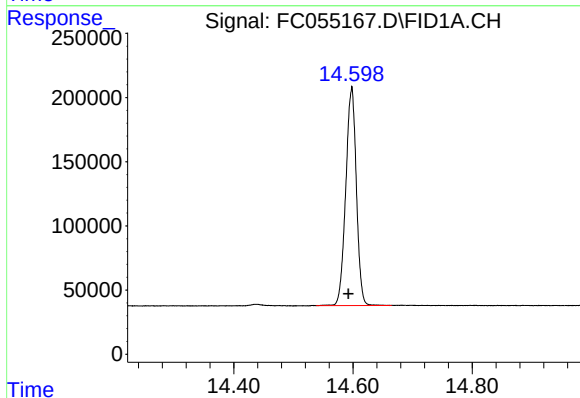
R.T.: 12.747 min
Delta R.T.: 0.006 min
Response: 1843946
Conc: 18.61 ug/ml



#13 n-Docosane (C22)

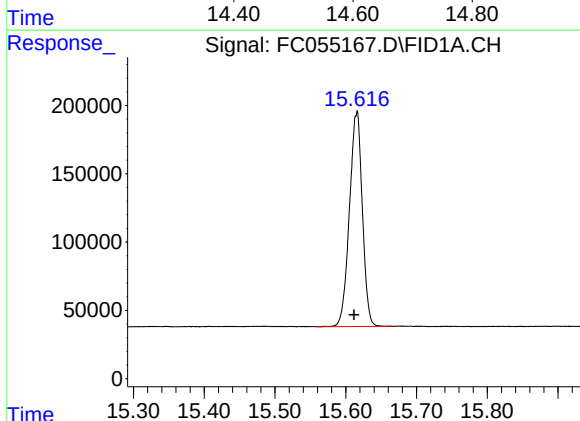
R.T.: 13.499 min
Delta R.T.: 0.006 min
Response: 2158363
Conc: 18.48 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



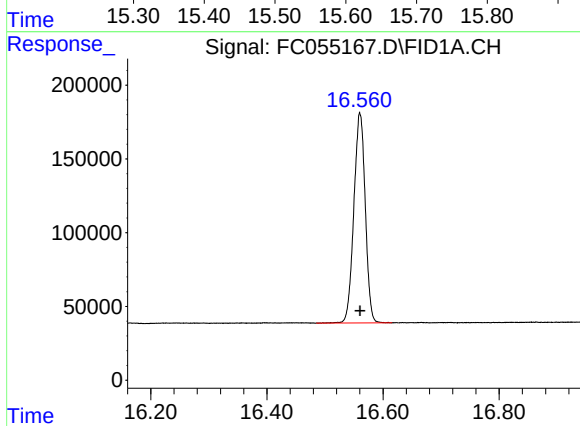
#14 n-Tetracosane (C24)

R.T.: 14.598 min
Delta R.T.: 0.005 min
Response: 2096842
Conc: 18.12 ug/ml



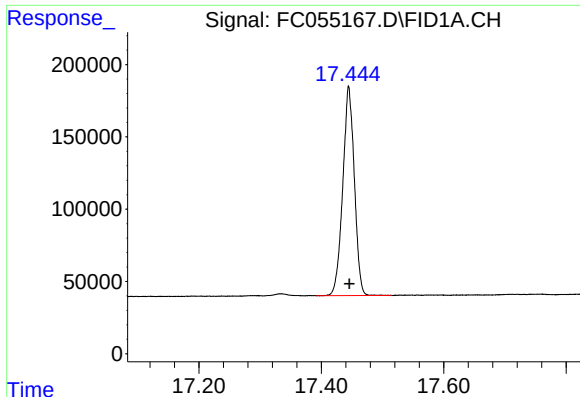
#15 n-Hexacosane (C26)

R.T.: 15.615 min
Delta R.T.: 0.004 min
Response: 1992892
Conc: 17.78 ug/ml



#16 n-Octacosane (C28)

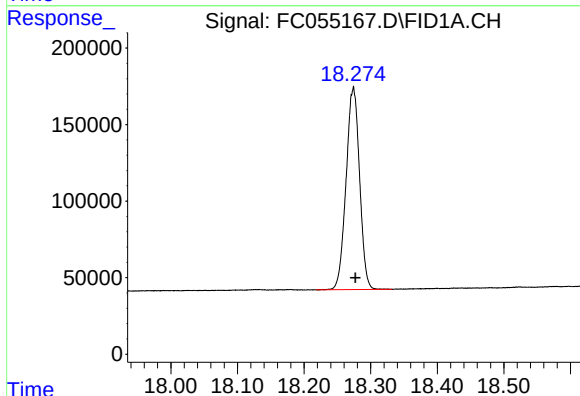
R.T.: 16.560 min
Delta R.T.: 0.000 min
Response: 1941492
Conc: 17.88 ug/ml



#17 n-Tricontane (C30)

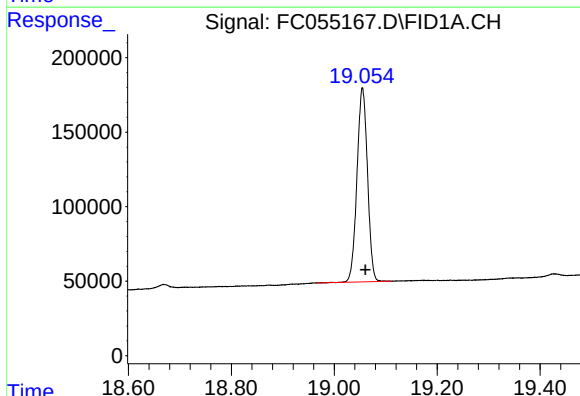
R.T.: 17.445 min
Delta R.T.: -0.001 min
Response: 1900460
Conc: 18.20 ug/ml

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20 PPM ALIPHATIC HC STD



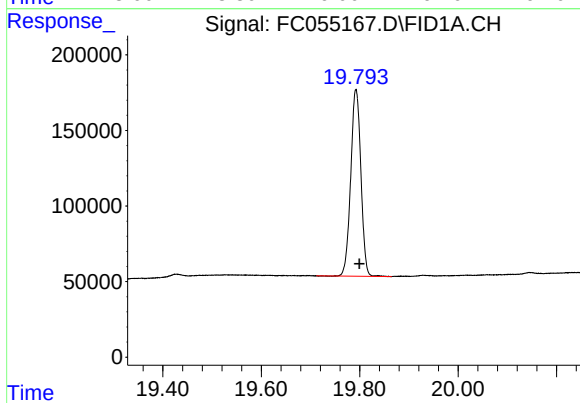
#18 n-Dotriacontane (C32)

R.T.: 18.274 min
Delta R.T.: -0.003 min
Response: 1858132
Conc: 18.76 ug/ml



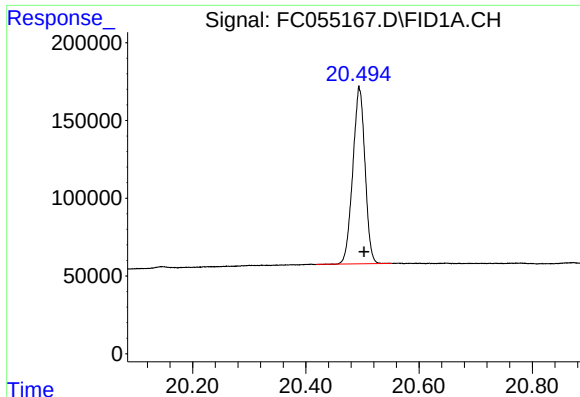
#19 n-Tetratriacontane (C34)

R.T.: 19.055 min
Delta R.T.: -0.006 min
Response: 1845389
Conc: 19.47 ug/ml



#20 n-Hexatriacontane (C36)

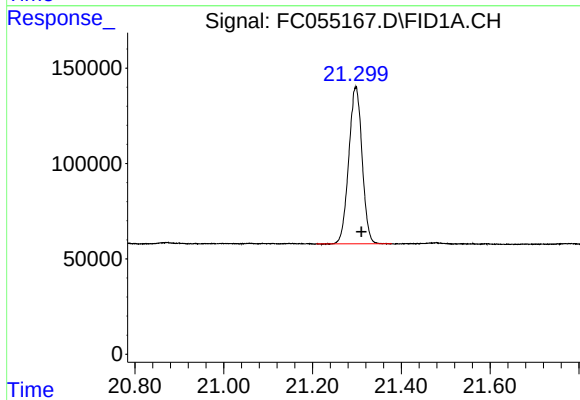
R.T.: 19.792 min
Delta R.T.: -0.007 min
Response: 1769031
Conc: 19.58 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.495 min
Delta R.T.: -0.008 min
Response: 1697159
Conc: 19.64 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.297 min
Delta R.T.: -0.013 min
Response: 1713198
Conc: 19.24 ug/ml