

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC080421AL\
 Data File : FC055020.D
 Signal(s) : FID1A.CH
 Acq On : 05 Aug 2021 8:43
 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

Manual Integrations
 APPROVED

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 8/5/2021 5:03:26 PM

Integration File: autoint1.e
 Quant Time: Aug 05 09:13:23 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)	11.307	2538007	20.159 ug/ml
Spiked Amount 50.000		Recovery =	40.32%
12) S 1-chlorooctadecane (S...	12.748	1970199	19.880 ug/ml
Spiked Amount 50.000		Recovery =	39.76%
Target Compounds			
1) T n-Nonane (C9)	3.138	2235758	21.381 ug/ml
2) T n-Decane (C10)	4.188	2287441	21.722 ug/ml
3) T A~Naphthalene (C11.7)	5.754	2408454	22.165 ug/ml
4) T n-Dodecane (C12)	6.191	2355790	21.694 ug/ml
5) T A~2-methylnaphthalene...	6.804	2427564	22.243 ug/ml
6) T n-Tetradecane (C14)	7.976	2403614	21.531 ug/ml
7) T n-Hexadecane (C16)	9.568	2422591	21.241 ug/ml
8) T n-Octadecane (C18)	11.004	2444908	20.733 ug/ml
10) T n-Eicosane (C20)	12.308	2371277	20.198 ug/ml
11) T n-Heneicosane (C21)	12.917	2359161	19.980 ug/ml
13) T n-Docosane (C22)	13.502	2317977	19.846 ug/ml
14) T n-Tetracosane (C24)	14.600	2246346	19.407 ug/ml
15) T n-Hexacosane (C26)	15.619	2118711	18.905 ug/ml
16) T n-Octacosane (C28)	16.565	2051995	18.900 ug/ml
17) T n-Tricontane (C30)	17.450	1972153	18.888 ug/ml
18) T n-Dotriacontane (C32)	18.280	1893947	19.124 ug/ml
19) T n-Tetratriacontane (C34)	19.061	1870488	19.735 ug/mlm
20) T n-Hexatriacontane (C36)	19.799	1800825	19.928 ug/mlm
21) T n-Octatriacontane (C38)	20.501	1796471	20.792 ug/mlm
22) T n-Tetracontane (C40)	21.311	1851687	20.793 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 2 Sample Multiplier: 1

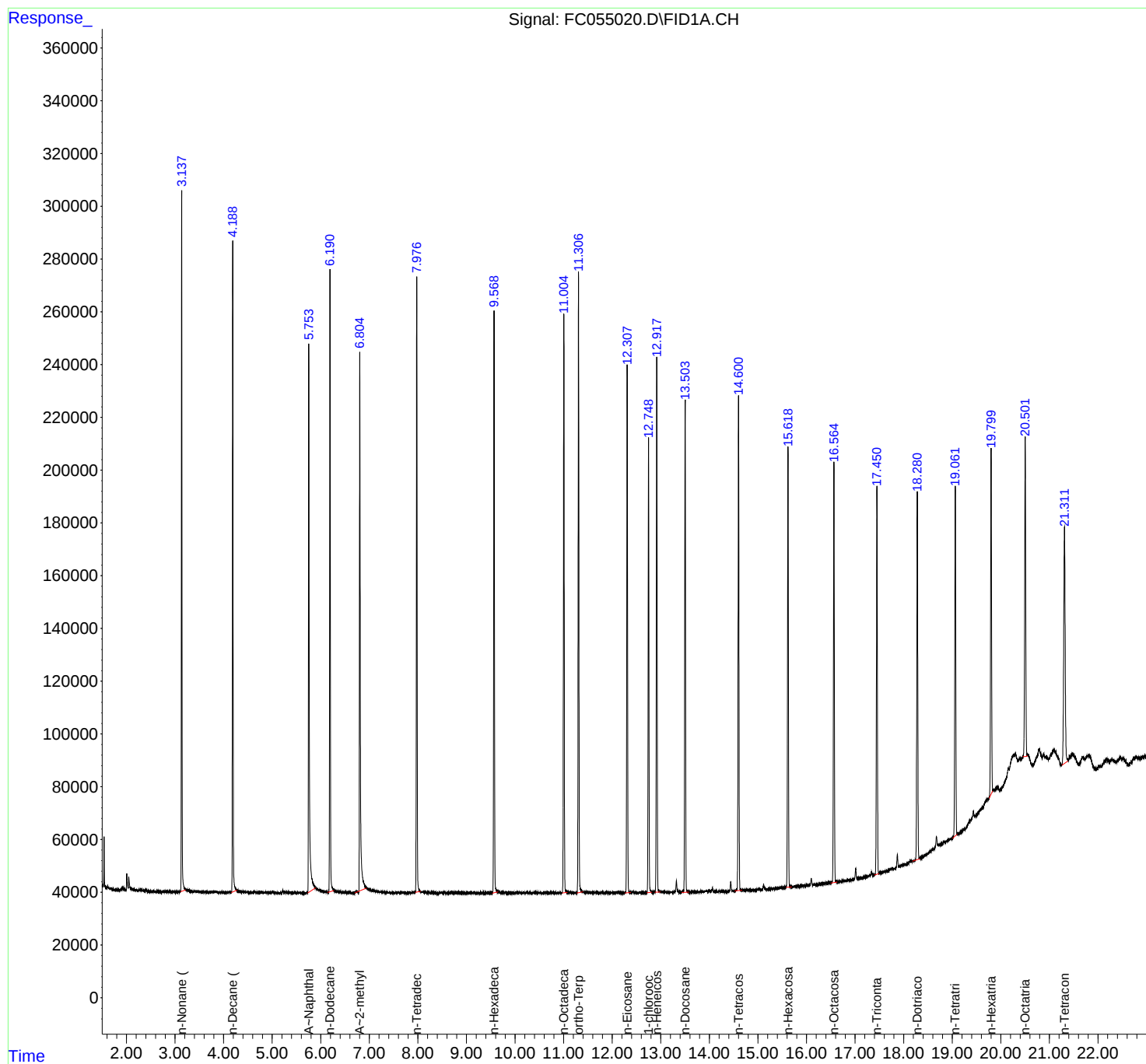
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20 PPM ALIPHATIC HC STD

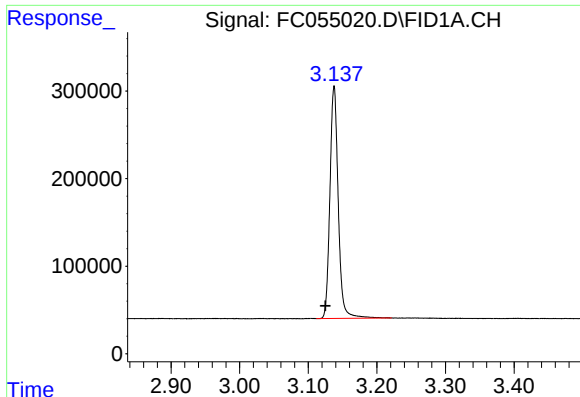
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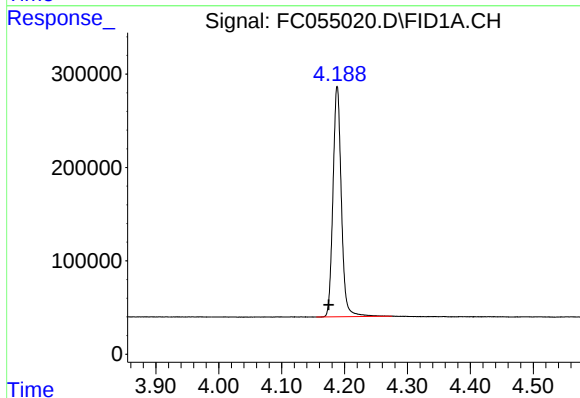
#1 n-Nonane (C9)

R.T.: 3.138 min
Delta R.T.: 0.013 min
Response: 2235758
Conc: 21.38 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

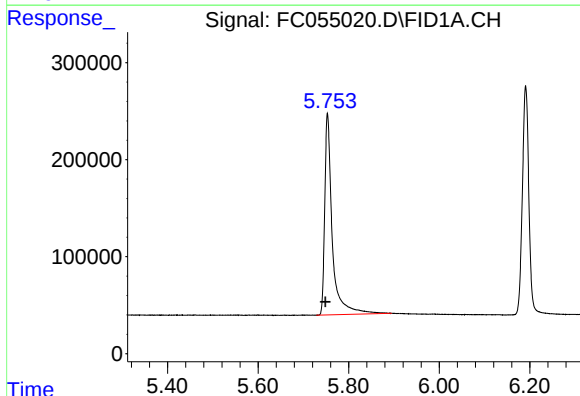
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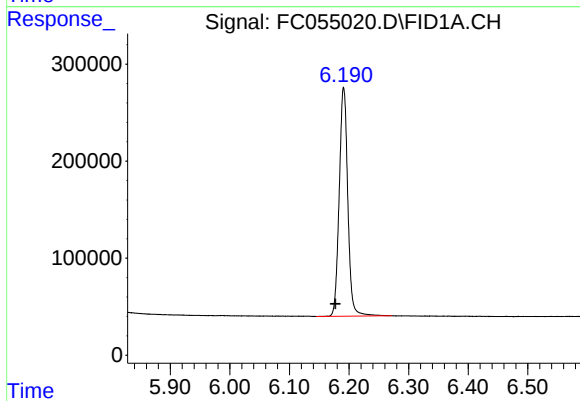
#2 n-Decane (C10)

R.T.: 4.188 min
Delta R.T.: 0.014 min
Response: 2287441
Conc: 21.72 ug/ml



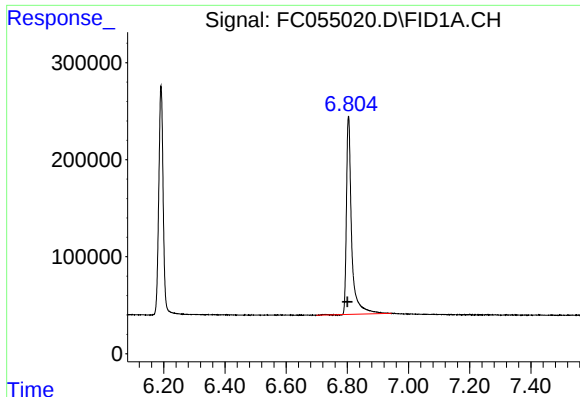
#3 A~Naphthalene (C11.7)

R.T.: 5.754 min
Delta R.T.: 0.005 min
Response: 2408454
Conc: 22.17 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.191 min
Delta R.T.: 0.014 min
Response: 2355790
Conc: 21.69 ug/ml



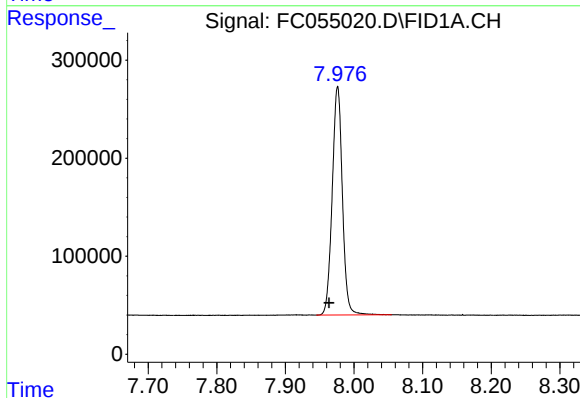
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.804 min
Delta R.T.: 0.004 min
Response: 2427564
Conc: 22.24 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

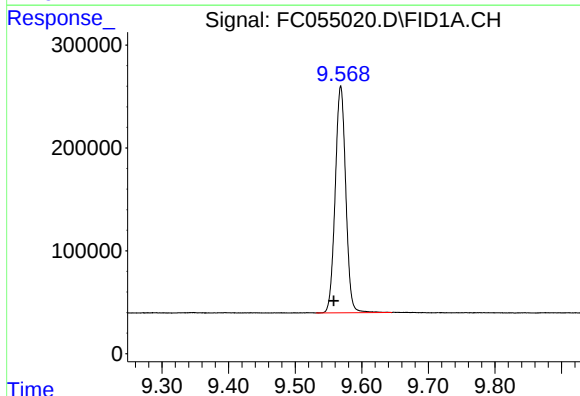
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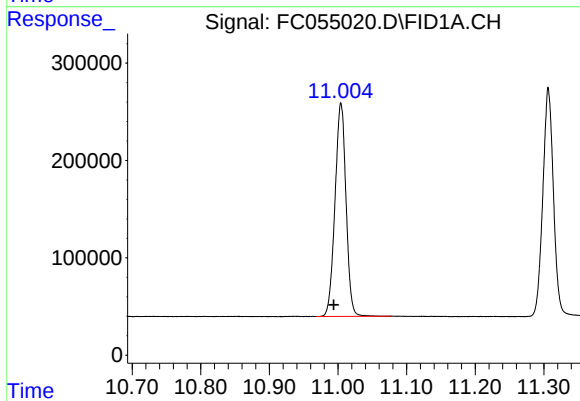
#6 n-Tetradecane (C14)

R.T.: 7.976 min
Delta R.T.: 0.012 min
Response: 2403614
Conc: 21.53 ug/ml



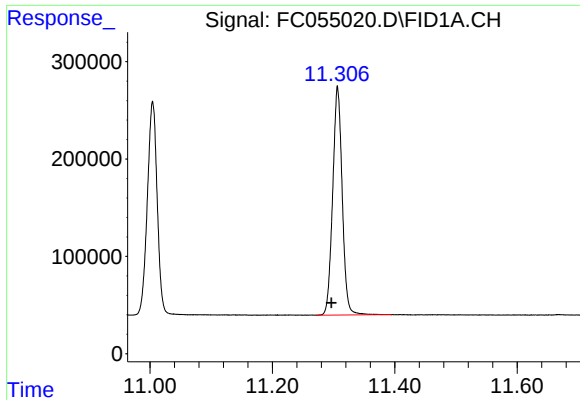
#7 n-Hexadecane (C16)

R.T.: 9.568 min
Delta R.T.: 0.010 min
Response: 2422591
Conc: 21.24 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.004 min
Delta R.T.: 0.011 min
Response: 2444908
Conc: 20.73 ug/ml



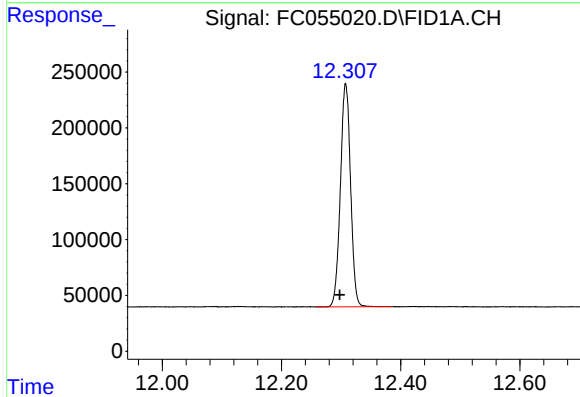
#9 ortho-Terphenyl (SURR)

R.T.: 11.307 min
Delta R.T.: 0.010 min
Response: 2538007
Conc: 20.16 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

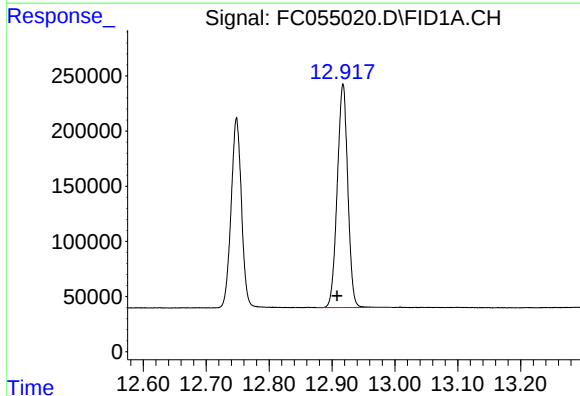
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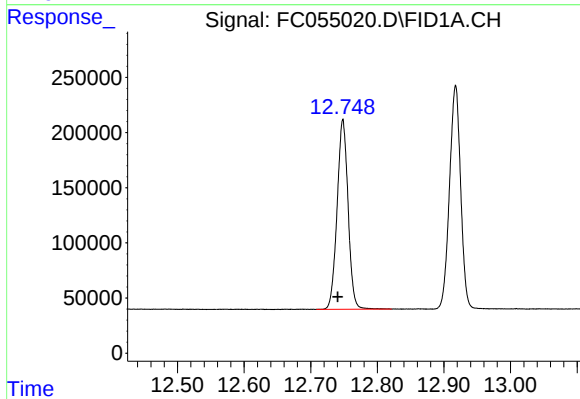
#10 n-Eicosane (C20)

R.T.: 12.308 min
Delta R.T.: 0.010 min
Response: 2371277
Conc: 20.20 ug/ml



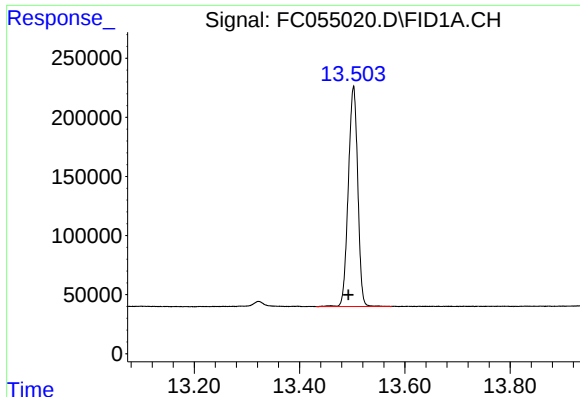
#11 n-Heneicosane (C21)

R.T.: 12.917 min
Delta R.T.: 0.009 min
Response: 2359161
Conc: 19.98 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.748 min
Delta R.T.: 0.008 min
Response: 1970199
Conc: 19.88 ug/ml



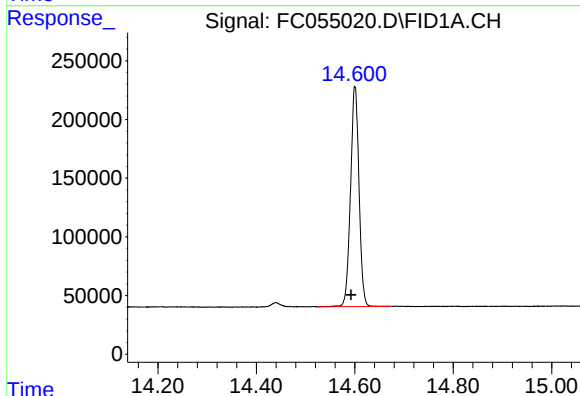
#13 n-Docosane (C22)

R.T.: 13.502 min
Delta R.T.: 0.009 min
Response: 2317977
Conc: 19.85 ug/ml

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20 PPM ALIPHATIC HC STD

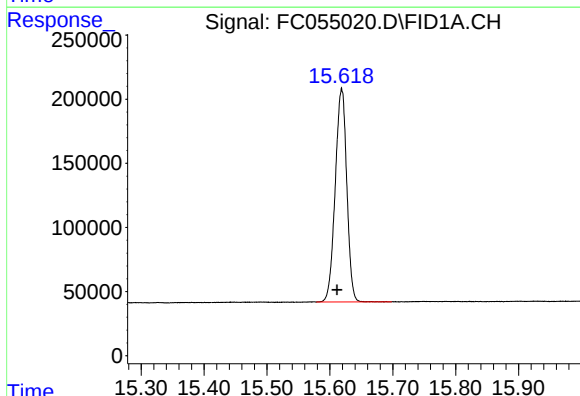
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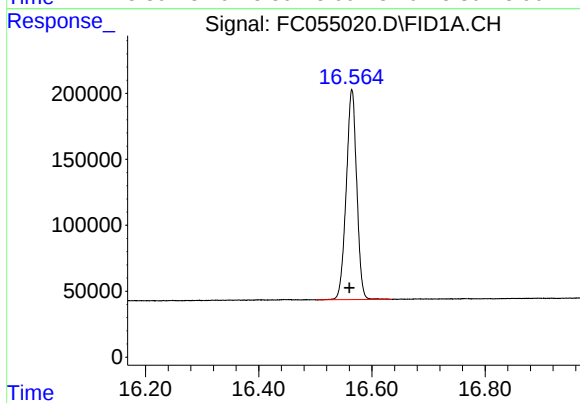
#14 n-Tetracosane (C24)

R.T.: 14.600 min
Delta R.T.: 0.008 min
Response: 2246346
Conc: 19.41 ug/ml



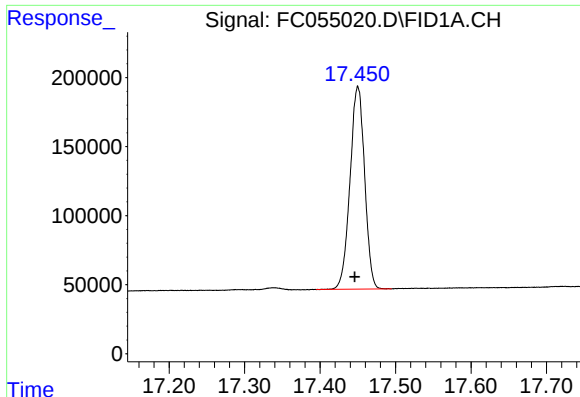
#15 n-Hexacosane (C26)

R.T.: 15.619 min
Delta R.T.: 0.007 min
Response: 2118711
Conc: 18.91 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.565 min
Delta R.T.: 0.004 min
Response: 2051995
Conc: 18.90 ug/ml



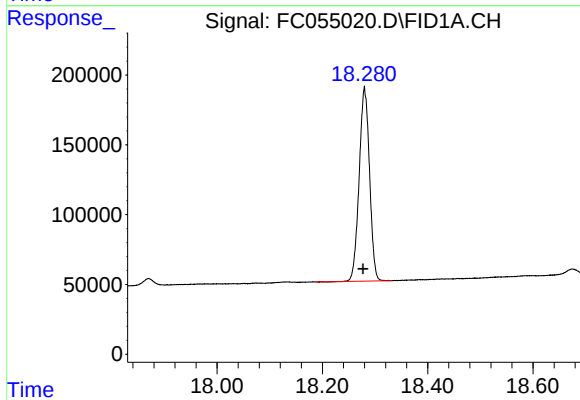
#17 n-Tricontane (C30)

R.T.: 17.450 min
Delta R.T.: 0.004 min
Response: 1972153
Conc: 18.89 ug/ml

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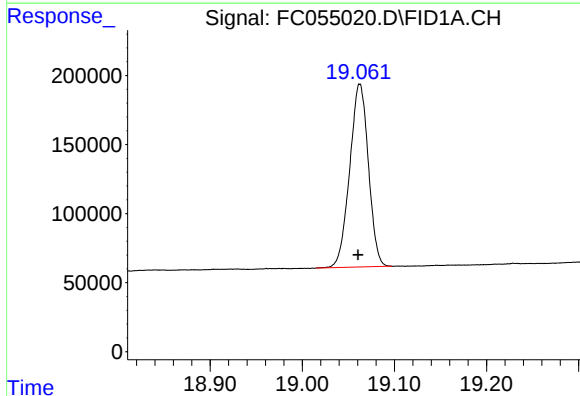
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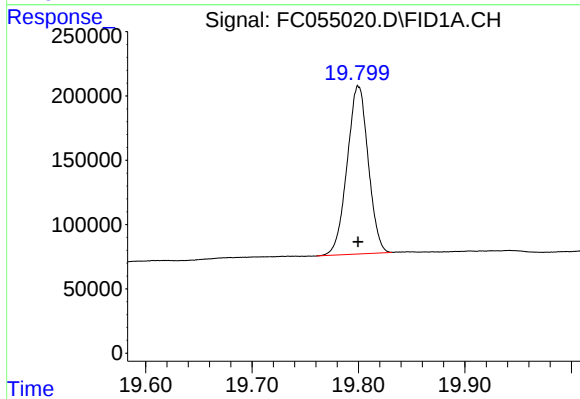
#18 n-Dotriacontane (C32)

R.T.: 18.280 min
Delta R.T.: 0.003 min
Response: 1893947
Conc: 19.12 ug/ml



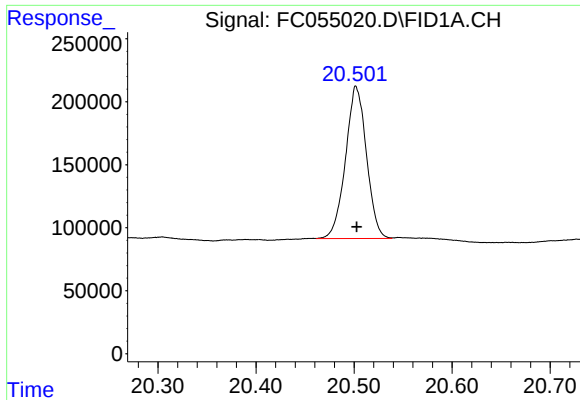
#19 n-Tetratriacontane (C34)

R.T.: 19.061 min
Delta R.T.: 0.000 min
Response: 1870488
Conc: 19.74 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.799 min
Delta R.T.: 0.000 min
Response: 1800825
Conc: 19.93 ug/ml m



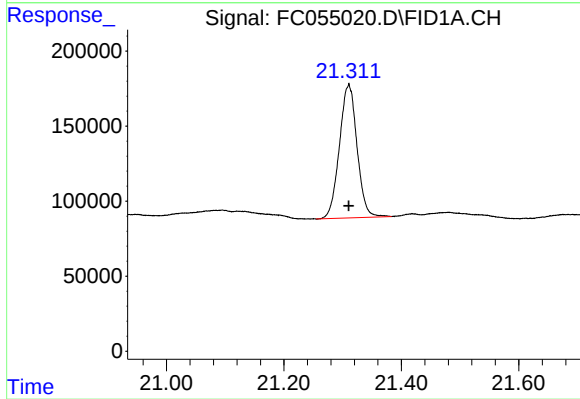
#21 n-Octatriacontane (C38)

R.T.: 20.501 min
Delta R.T.: -0.002 min
Response: 1796471
Conc: 20.79 ug/ml m

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#22 n-Tetracontane (C40)

R.T.: 21.311 min
Delta R.T.: 0.000 min
Response: 1851687
Conc: 20.79 ug/ml m