

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC020320AL\
 Data File : FC045656.D
 Signal(s) : FID1A.CH
 Acq On : 04 Feb 2020 12:45
 Operator : DD\AJ
 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

Sohil
 2/4/2020 1:42:33 PM

Integration File: autoint1.e
 Quant Time: Feb 04 13:12:32 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 012120.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 22 04:15:47 2020
 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)	11.765	2034355	18.506 ug/ml
Spiked Amount 50.000		Recovery =	37.01%
12) S 1-chlorooctadecane (S...	13.186	1564960	17.999 ug/ml
Spiked Amount 50.000		Recovery =	36.00%
Target Compounds			
1) T n-Nonane (C9)	3.518	1987204	20.545 ug/ml
2) T n-Decane (C10)	4.595	2009950	20.753 ug/ml
3) T A~Naphthalene (C11.7)	6.199	2161907	20.241 ug/ml
4) T n-Dodecane (C12)	6.612	2015125	20.613 ug/ml
5) T A~2-methylnaphthalene...	7.253	2167092	20.216 ug/ml
6) T n-Tetradecane (C14)	8.400	1985852	20.152 ug/ml
7) T n-Hexadecane (C16)	9.996	1959273	19.570 ug/ml
8) T n-Octadecane (C18)	11.433	1934920	18.997 ug/ml
10) T n-Eicosane (C20)	12.739	1891221	18.441 ug/ml
11) T n-Heneicosane (C21)	13.350	1872267	18.088 ug/ml
13) T n-Docosane (C22)	13.933	1837247	17.806 ug/ml
14) T n-Tetracosane (C24)	15.034	1800728	17.329 ug/ml
15) T n-Hexacosane (C26)	16.051	1755437	16.991 ug/ml
16) T n-Octacosane (C28)	17.000	1728215	16.908 ug/ml
17) T n-Tricontane (C30)	17.885	1681922	17.133 ug/ml
18) T n-Dotriacontane (C32)	18.714	1458953	17.533 ug/ml
19) T n-Tetratriacontane (C34)	19.496	1263796	17.858 ug/ml
20) T n-Hexatriacontane (C36)	20.232	1176637	18.351 ug/mlm
21) T n-Octatriacontane (C38)	21.002	1101300	18.829 ug/ml
22) T n-Tetracontane (C40)	21.970	1132958	19.205 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : DD\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

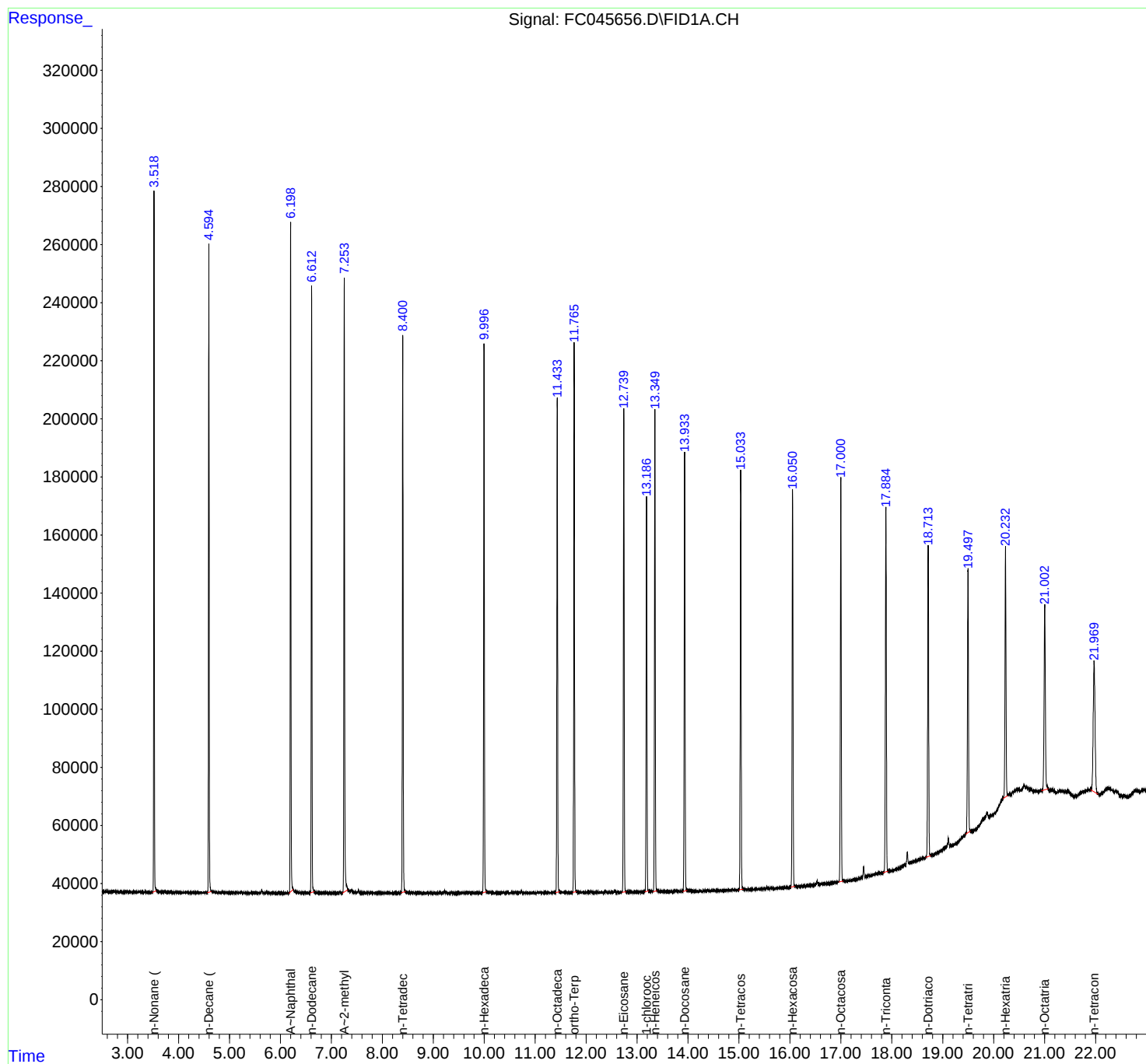
Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

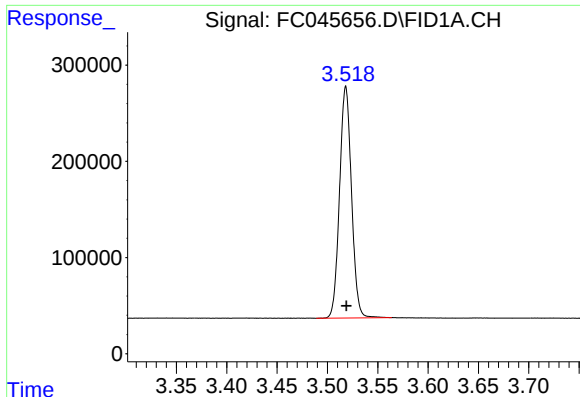
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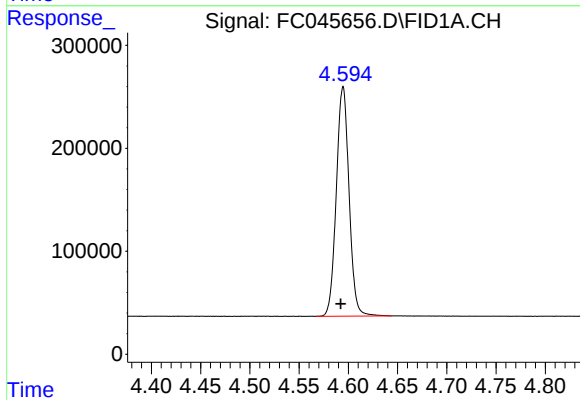
#1 n-Nonane (C9)

R.T.: 3.518 min
Delta R.T.: 0.000 min
Response: 1987204
Conc: 20.55 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

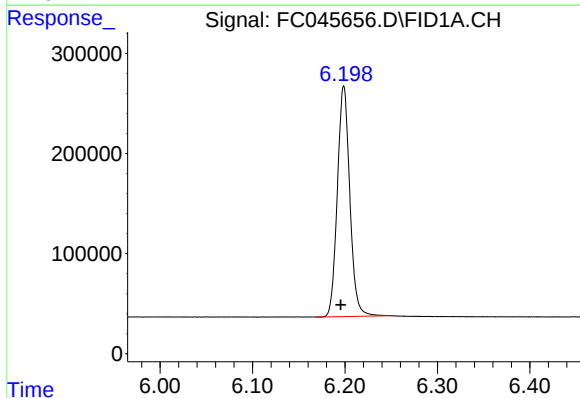
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2/4/2020 1:42:33 PM



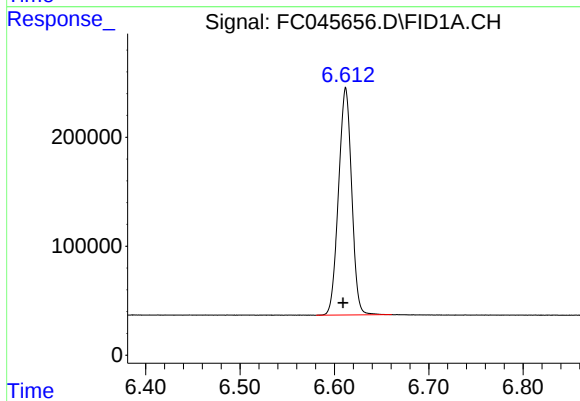
#2 n-Decane (C10)

R.T.: 4.595 min
Delta R.T.: 0.002 min
Response: 2009950
Conc: 20.75 ug/ml



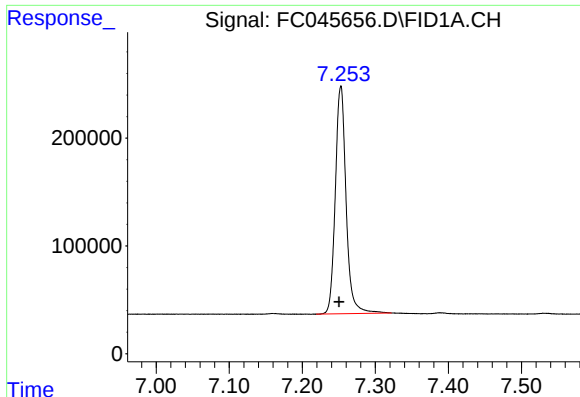
#3 A~Naphthalene (C11.7)

R.T.: 6.199 min
Delta R.T.: 0.003 min
Response: 2161907
Conc: 20.24 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.612 min
Delta R.T.: 0.003 min
Response: 2015125
Conc: 20.61 ug/ml



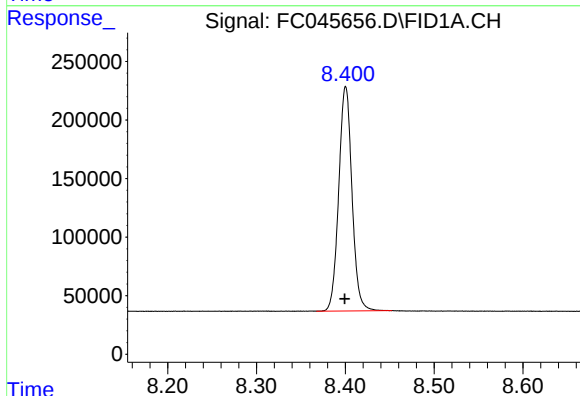
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.253 min
Delta R.T.: 0.002 min
Response: 2167092
Conc: 20.22 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

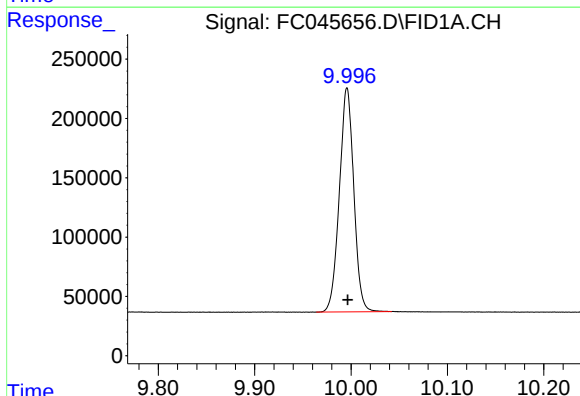
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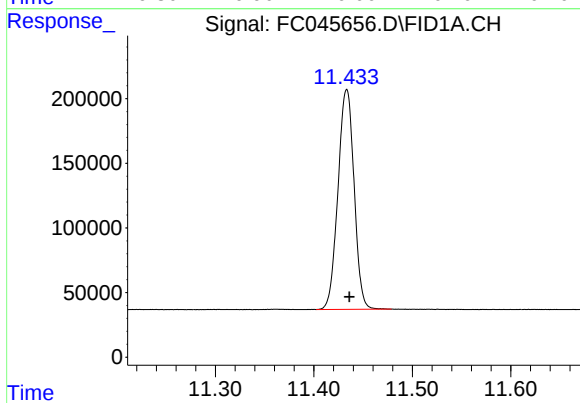
#6 n-Tetradecane (C14)

R.T.: 8.400 min
Delta R.T.: 0.001 min
Response: 1985852
Conc: 20.15 ug/ml



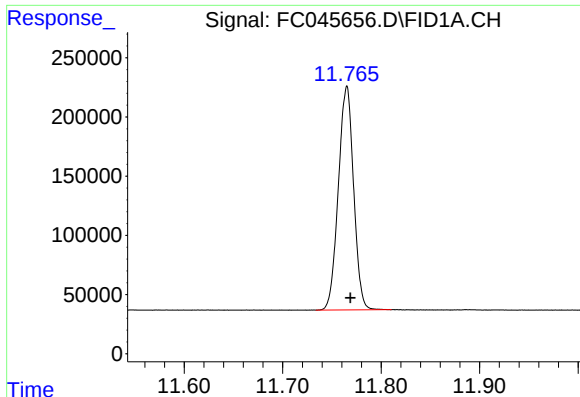
#7 n-Hexadecane (C16)

R.T.: 9.996 min
Delta R.T.: 0.000 min
Response: 1959273
Conc: 19.57 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.433 min
Delta R.T.: -0.003 min
Response: 1934920
Conc: 19.00 ug/ml



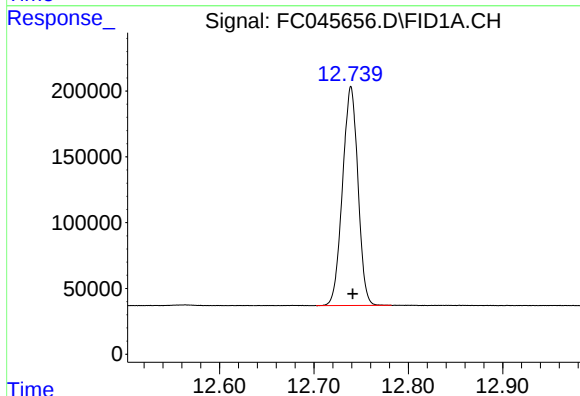
#9 ortho-Terphenyl (SURR)

R.T.: 11.765 min
Delta R.T.: -0.004 min
Response: 2034355
Conc: 18.51 ug/ml

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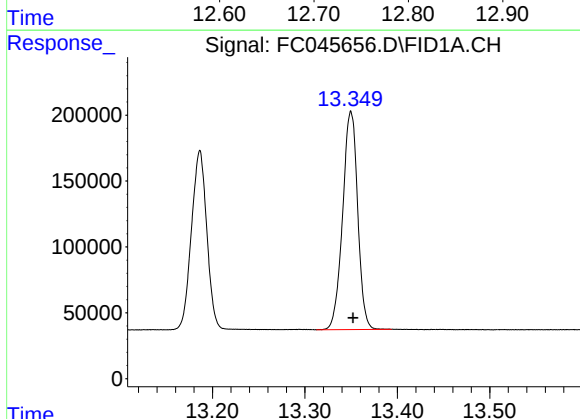
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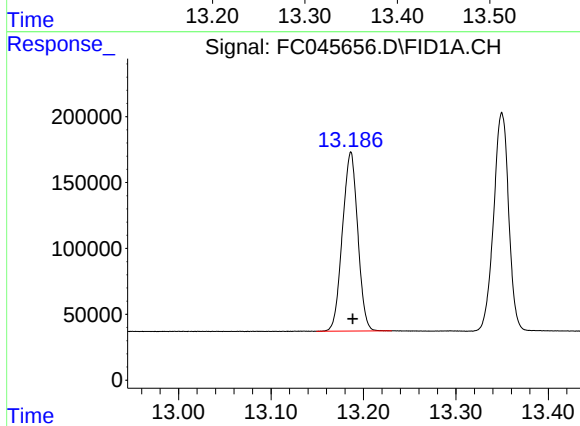
#10 n-Eicosane (C20)

R.T.: 12.739 min
Delta R.T.: -0.002 min
Response: 1891221
Conc: 18.44 ug/ml



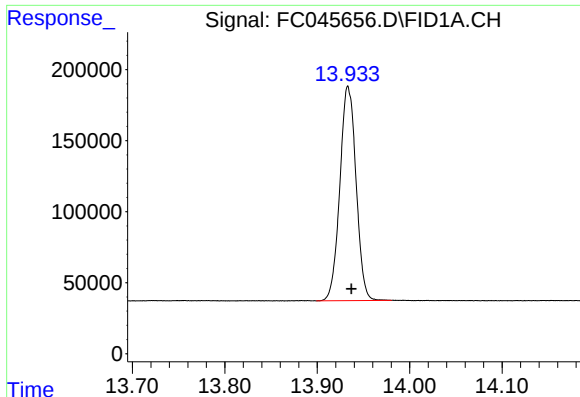
#11 n-Heneicosane (C21)

R.T.: 13.350 min
Delta R.T.: -0.002 min
Response: 1872267
Conc: 18.09 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.186 min
Delta R.T.: -0.002 min
Response: 1564960
Conc: 18.00 ug/ml



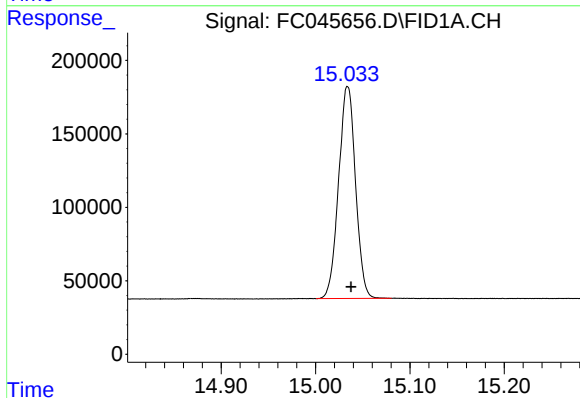
#13 n-Docosane (C22)

R.T.: 13.933 min
Delta R.T.: -0.004 min
Response: 1837247
Conc: 17.81 ug/ml

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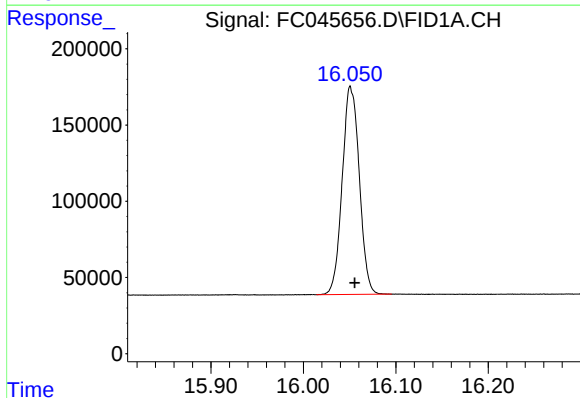
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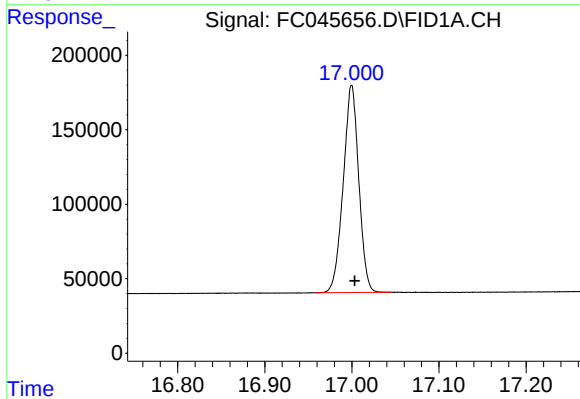
#14 n-Tetracosane (C24)

R.T.: 15.034 min
Delta R.T.: -0.004 min
Response: 1800728
Conc: 17.33 ug/ml



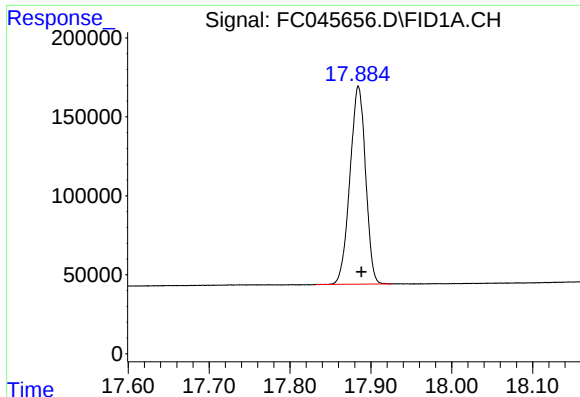
#15 n-Hexacosane (C26)

R.T.: 16.051 min
Delta R.T.: -0.005 min
Response: 1755437
Conc: 16.99 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.000 min
Delta R.T.: -0.004 min
Response: 1728215
Conc: 16.91 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.885 min

Delta R.T.: -0.003 min

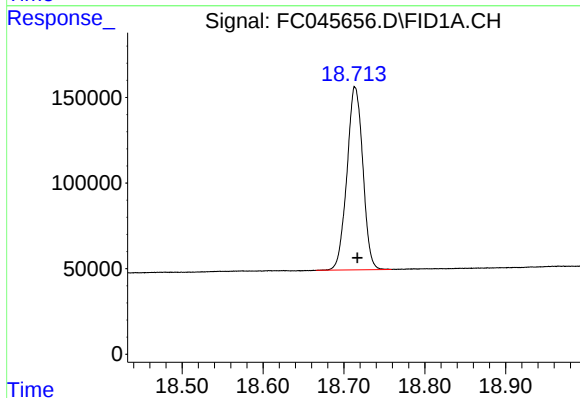
Response: 1681922

Conc: 17.13 ug/ml

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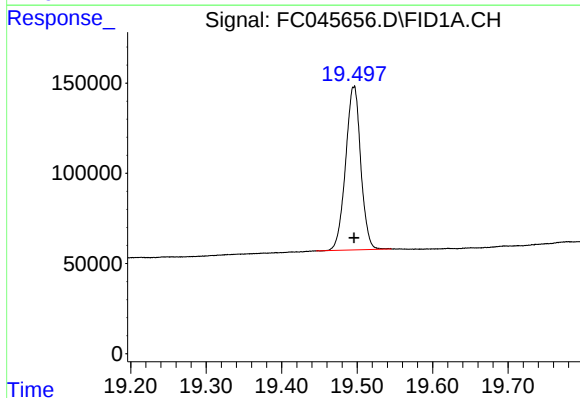
#18 n-Dotriacontane (C32)

R.T.: 18.714 min

Delta R.T.: -0.003 min

Response: 1458953

Conc: 17.53 ug/ml



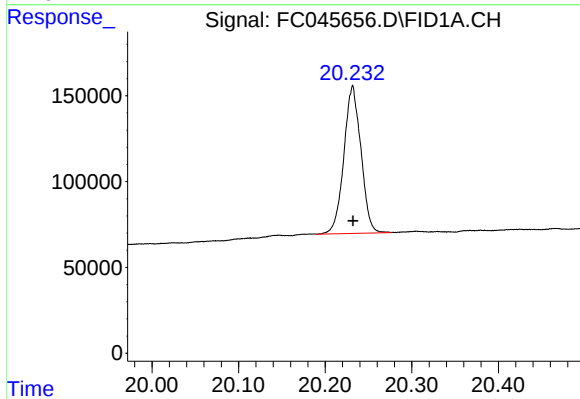
#19 n-Tetratriacontane (C34)

R.T.: 19.496 min

Delta R.T.: 0.000 min

Response: 1263796

Conc: 17.86 ug/ml



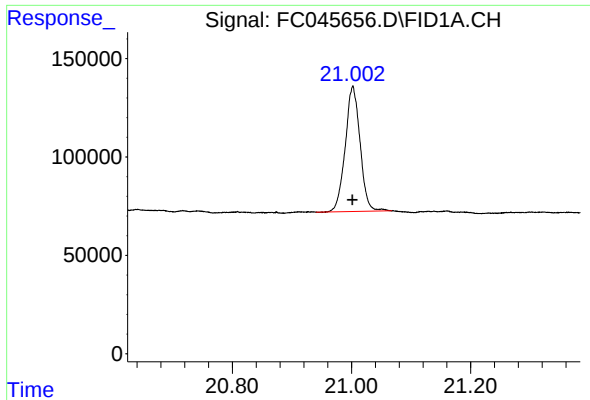
#20 n-Hexatriacontane (C36)

R.T.: 20.232 min

Delta R.T.: 0.000 min

Response: 1176637

Conc: 18.35 ug/ml m



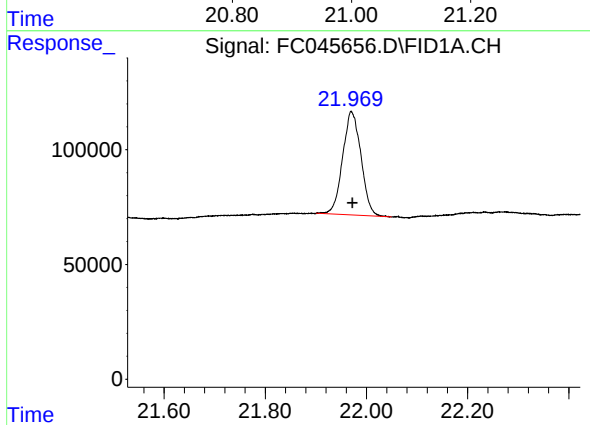
#21 n-Octatriacontane (C38)

R.T.: 21.002 min
Delta R.T.: 0.000 min
Response: 1101300
Conc: 18.83 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.970 min
Delta R.T.: -0.002 min
Response: 1132958
Conc: 19.21 ug/ml