

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101221AL\
 Data File : FD039105.D
 Signal(s) : FID2B.CH
 Acq On : 12 Oct 2021 17:55
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: sample.E
 Quant Time: Oct 13 03:18:44 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 092921.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 30 02:13:43 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)	11.675	2493117	17.566 ug/ml
Spiked Amount 50.000		Recovery =	35.13%
12) S 1-chlorooctadecane (S...	13.101	1941897	17.269 ug/ml
Spiked Amount 50.000		Recovery =	34.54%
Target Compounds			
1) T n-Nonane (C9)	3.438	2430754	19.271 ug/ml
2) T n-Decane (C10)	4.506	2456955	19.251 ug/ml
3) T A~Naphthalene (C11.7)	6.098	2711624	19.042 ug/ml
4) T n-Dodecane (C12)	6.522	2447809	19.113 ug/ml
5) T A~2-methylnaphthalene...	7.152	2701520	18.871 ug/ml
6) T n-Tetradecane (C14)	8.314	2447862	18.864 ug/ml
7) T n-Hexadecane (C16)	9.912	2420107	18.556 ug/ml
8) T n-Octadecane (C18)	11.351	2416153	18.066 ug/ml
10) T n-Eicosane (C20)	12.656	2334243	17.600 ug/ml
11) T n-Heneicosane (C21)	13.266	2319485	17.322 ug/ml
13) T n-Docosane (C22)	13.851	2253019	16.985 ug/ml
14) T n-Tetracosane (C24)	14.950	2185621	16.495 ug/ml
15) T n-Hexacosane (C26)	15.967	2075571	16.125 ug/ml
16) T n-Octacosane (C28)	16.913	2006821	15.915 ug/ml
17) T n-Tricontane (C30)	17.797	1956735	16.043 ug/ml
18) T n-Dotriacontane (C32)	18.625	1910072	16.475 ug/ml
19) T n-Tetratriacontane (C34)	19.406	1908831	17.683 ug/ml
20) T n-Hexatriacontane (C36)	20.141	1867613	19.086 ug/ml
21) T n-Octatriacontane (C38)	20.883	1854636	20.659 ug/ml
22) T n-Tetracontane (C40)	21.809	1901942	21.590 ug/ml

(f)=RT Delta > 1/2 Window

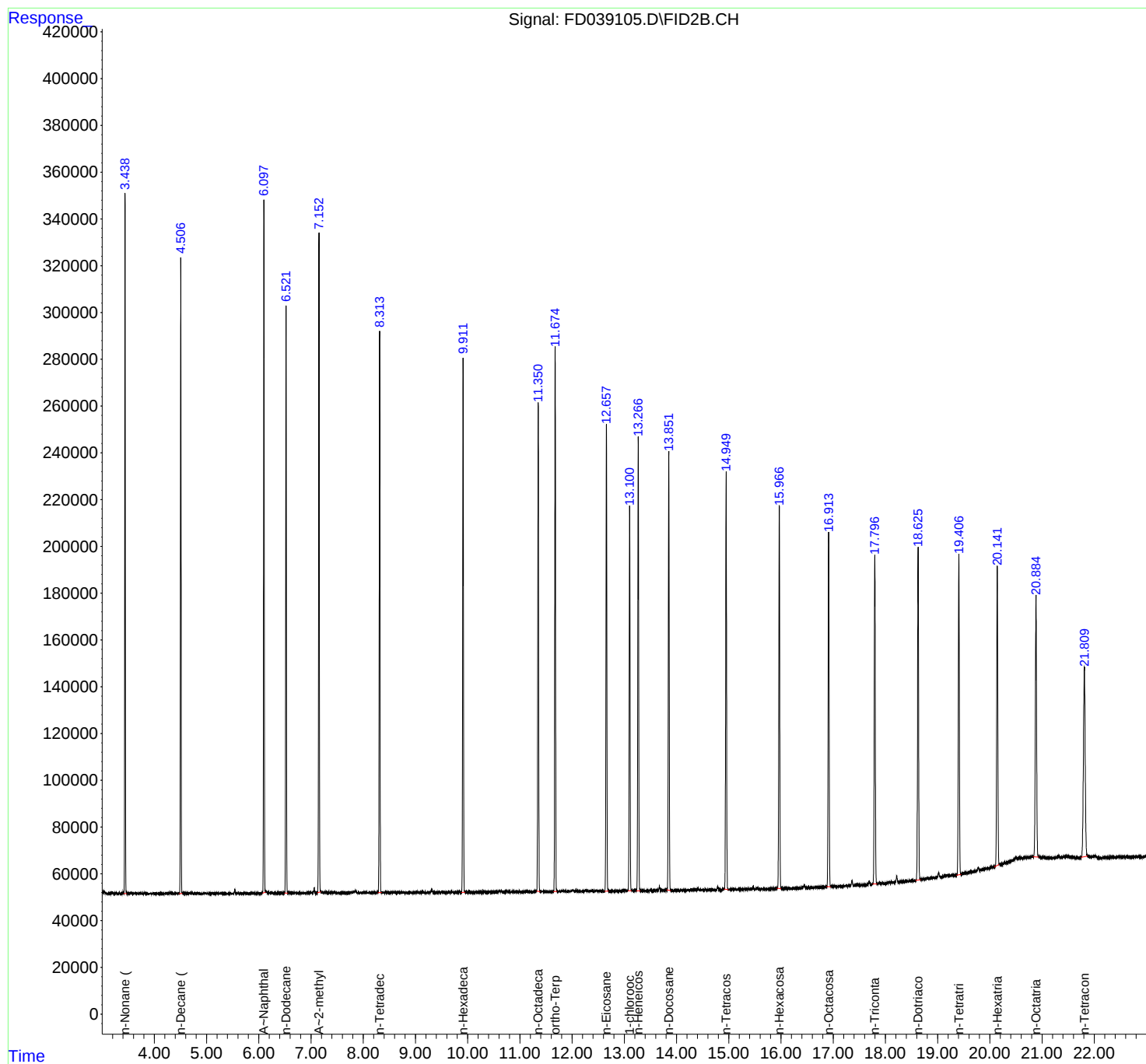
(m)=manual int.

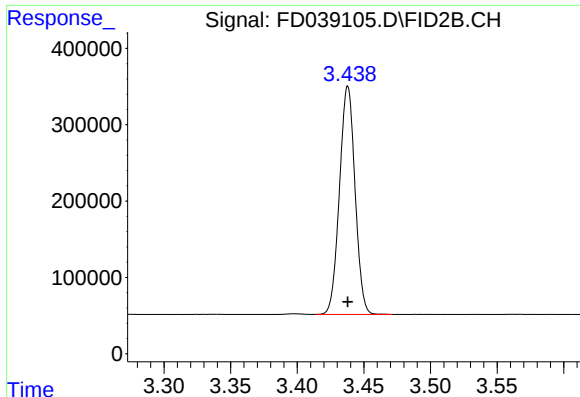
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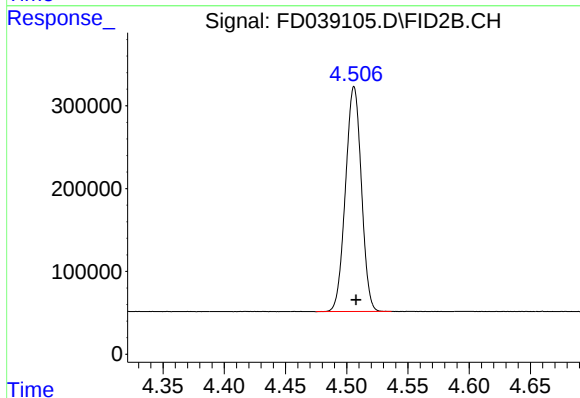




#1 n-Nonane (C9)

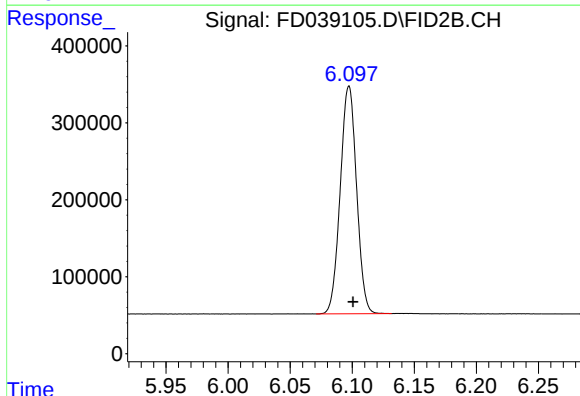
R.T.: 3.438 min
Delta R.T.: 0.000 min
Response: 2430754
Conc: 19.27 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



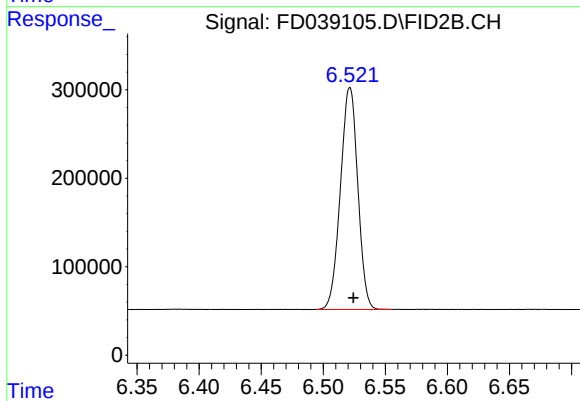
#2 n-Decane (C10)

R.T.: 4.506 min
Delta R.T.: -0.002 min
Response: 2456955
Conc: 19.25 ug/ml



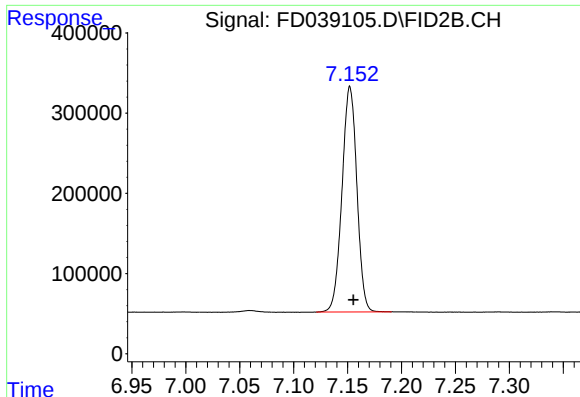
#3 A~Naphthalene (C11.7)

R.T.: 6.098 min
Delta R.T.: -0.003 min
Response: 2711624
Conc: 19.04 ug/ml



#4 n-Dodecane (C12)

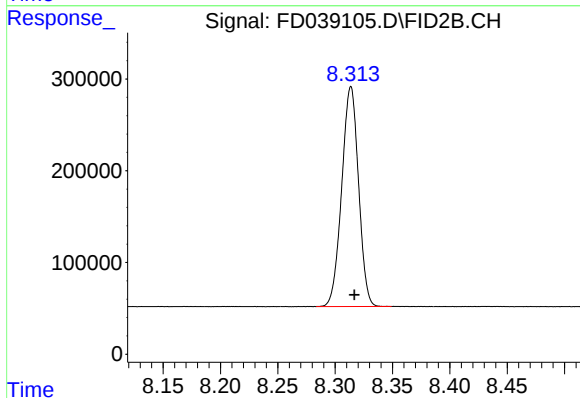
R.T.: 6.522 min
Delta R.T.: -0.003 min
Response: 2447809
Conc: 19.11 ug/ml



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

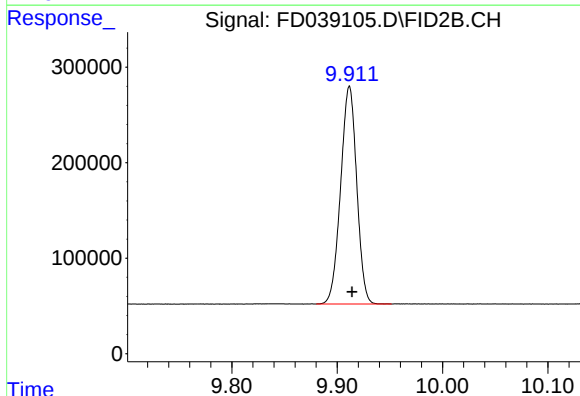
R.T.: 7.152 min
Delta R.T.: -0.003 min
Response: 2701520
Conc: 18.87 ug/ml

Instrument :
FID_D
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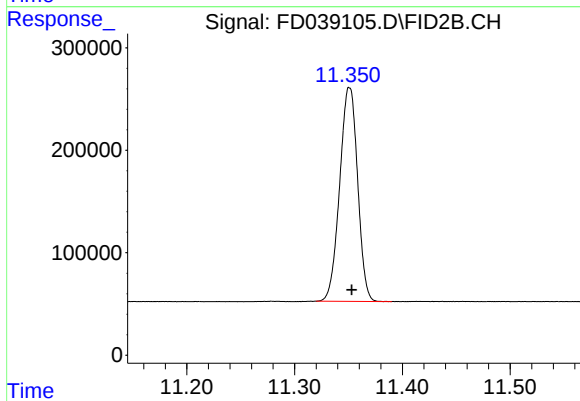
#6 n-Tetradecane (C14)

R.T.: 8.314 min
Delta R.T.: -0.003 min
Response: 2447862
Conc: 18.86 ug/ml



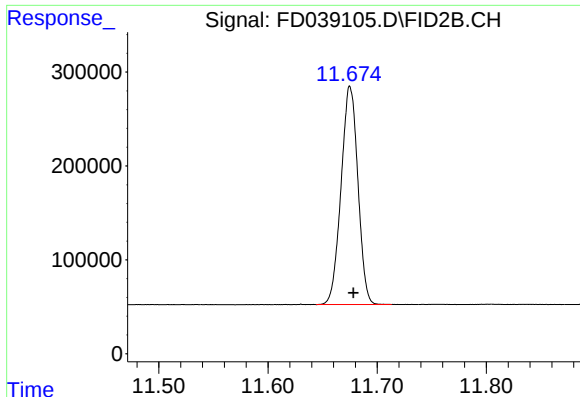
#7 n-Hexadecane (C16)

R.T.: 9.912 min
Delta R.T.: -0.002 min
Response: 2420107
Conc: 18.56 ug/ml



#8 n-Octadecane (C18)

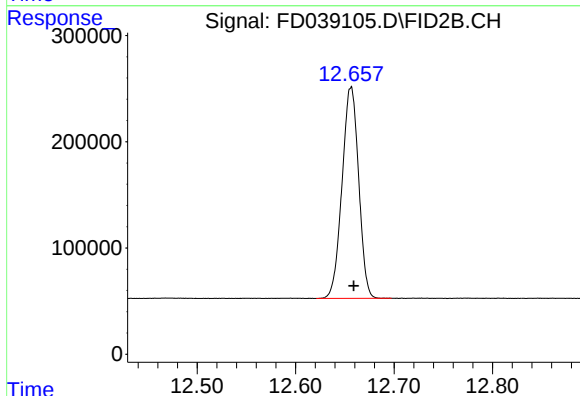
R.T.: 11.351 min
Delta R.T.: -0.002 min
Response: 2416153
Conc: 18.07 ug/ml



#9 ortho-Terphenyl (SURR)

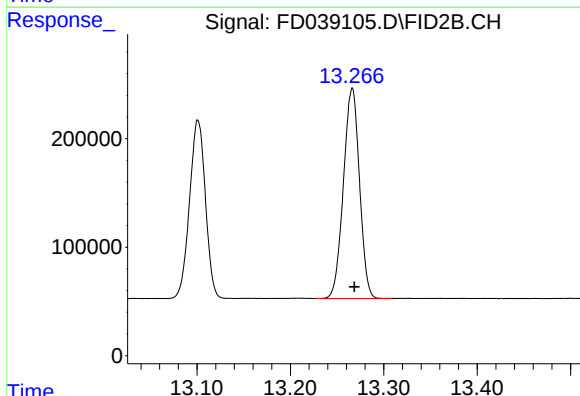
R.T.: 11.675 min
Delta R.T.: -0.003 min
Response: 2493117
Conc: 17.57 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



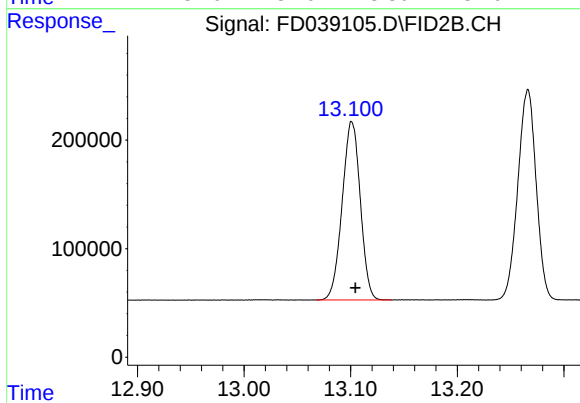
#10 n-Eicosane (C20)

R.T.: 12.656 min
Delta R.T.: -0.003 min
Response: 2334243
Conc: 17.60 ug/ml



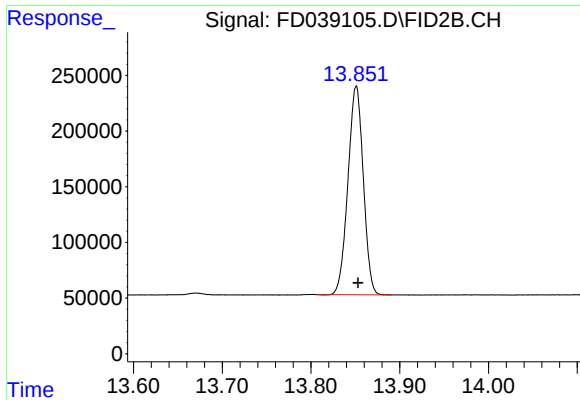
#11 n-Heneicosane (C21)

R.T.: 13.266 min
Delta R.T.: -0.002 min
Response: 2319485
Conc: 17.32 ug/ml



#12 1-chlorooctadecane (SURR)

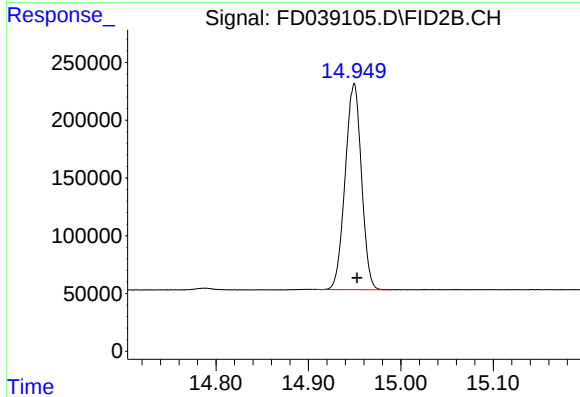
R.T.: 13.101 min
Delta R.T.: -0.003 min
Response: 1941897
Conc: 17.27 ug/ml



#13 n-Docosane (C22)

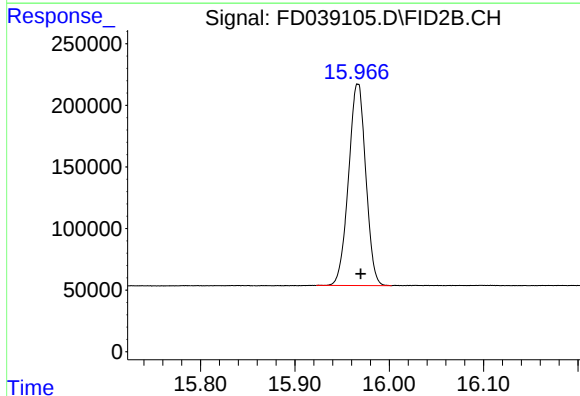
R.T.: 13.851 min
Delta R.T.: -0.002 min
Response: 2253019
Conc: 16.98 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD



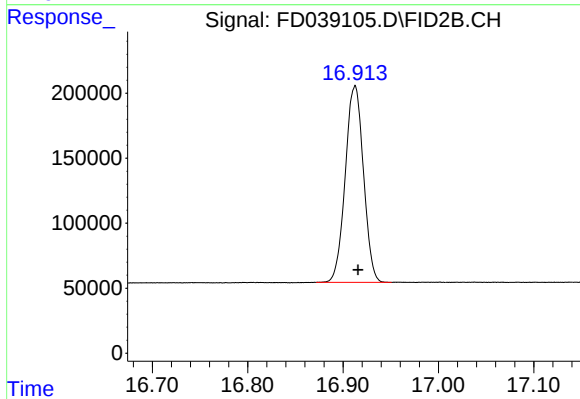
#14 n-Tetracosane (C24)

R.T.: 14.950 min
Delta R.T.: -0.003 min
Response: 2185621
Conc: 16.50 ug/ml



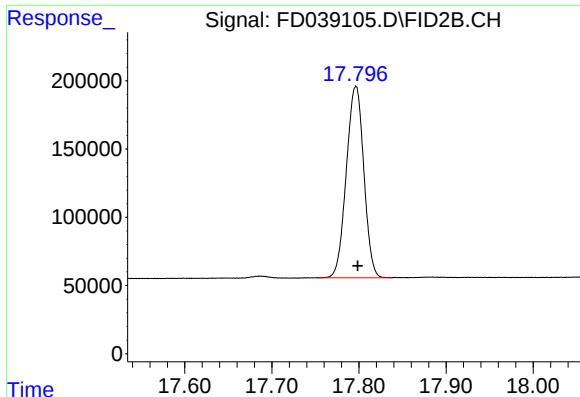
#15 n-Hexacosane (C26)

R.T.: 15.967 min
Delta R.T.: -0.003 min
Response: 2075571
Conc: 16.13 ug/ml



#16 n-Octacosane (C28)

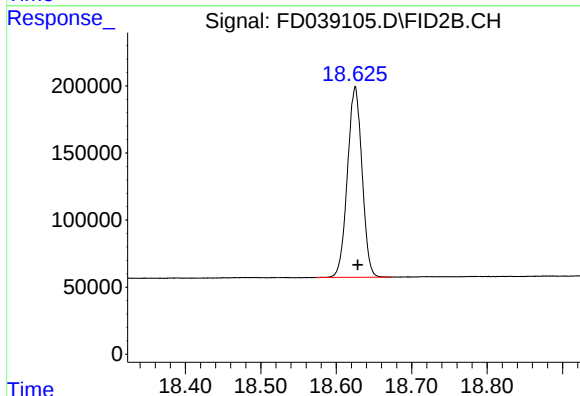
R.T.: 16.913 min
Delta R.T.: -0.003 min
Response: 2006821
Conc: 15.92 ug/ml



#17 n-Tricontane (C30)

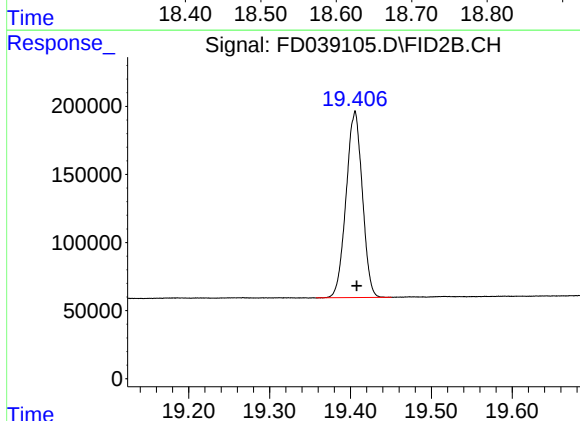
R.T.: 17.797 min
Delta R.T.: -0.002 min
Response: 1956735
Conc: 16.04 ug/ml

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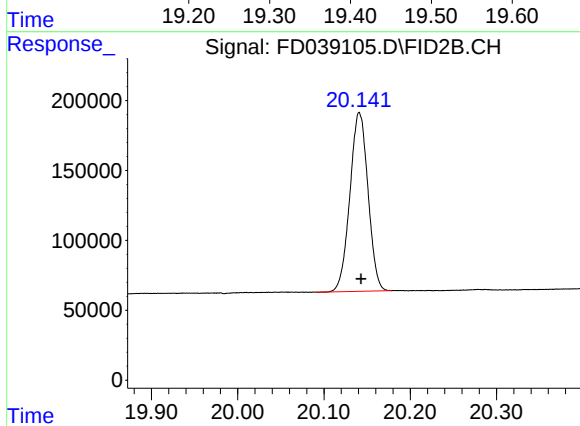
#18 n-Dotriacontane (C32)

R.T.: 18.625 min
Delta R.T.: -0.003 min
Response: 1910072
Conc: 16.48 ug/ml



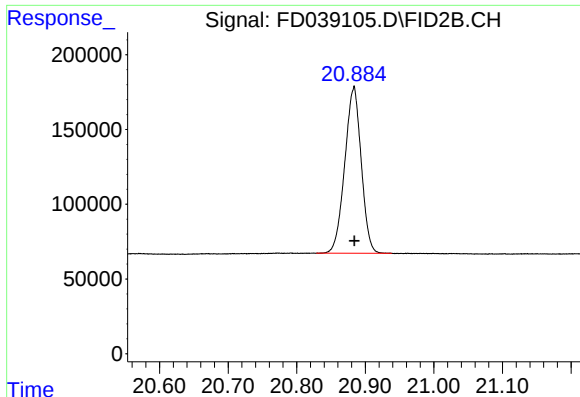
#19 n-Tetratriacontane (C34)

R.T.: 19.406 min
Delta R.T.: -0.002 min
Response: 1908831
Conc: 17.68 ug/ml



#20 n-Hexatriacontane (C36)

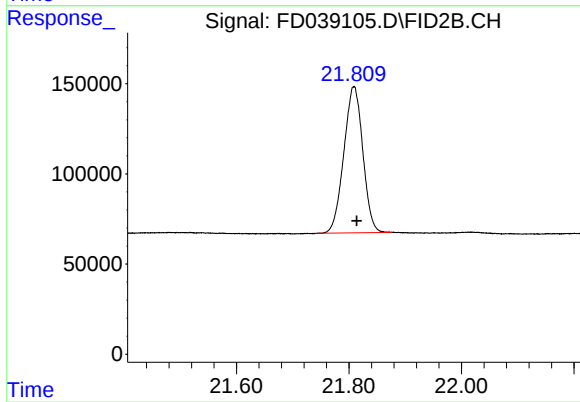
R.T.: 20.141 min
Delta R.T.: -0.002 min
Response: 1867613
Conc: 19.09 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.883 min
Delta R.T.: 0.000 min
Response: 1854636
Conc: 20.66 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.809 min
Delta R.T.: -0.005 min
Response: 1901942
Conc: 21.59 ug/ml