

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD012021AL\
 Data File : FD036126.D
 Signal(s) : FID2B.CH
 Acq On : 20 Jan 2021 19:27
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jan 21 00:10:01 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 011121.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 12 02:11:59 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)	11.523	2822365	19.040 ug/ml
Spiked Amount 50.000		Recovery =	38.08%
12) S 1-chlorooctadecane (S...	12.956	2195509	18.665 ug/ml
Spiked Amount 50.000		Recovery =	37.33%
Target Compounds			
1) T n-Nonane (C9)	3.312	2727342	21.156 ug/ml
2) T n-Decane (C10)	4.376	2766045	21.257 ug/ml
3) T A~Naphthalene (C11.7)	5.954	3087388	21.081 ug/ml
4) T n-Dodecane (C12)	6.388	2812227	21.148 ug/ml
5) T A~2-methylnaphthalene...	7.006	3135381	20.875 ug/ml
6) T n-Tetradecane (C14)	8.176	2790609	20.883 ug/ml
7) T n-Hexadecane (C16)	9.772	2696745	20.376 ug/ml
8) T n-Octadecane (C18)	11.210	2728702	19.832 ug/ml
10) T n-Eicosane (C20)	12.514	2648055	19.165 ug/ml
11) T n-Heneicosane (C21)	13.123	2589986	18.742 ug/ml
13) T n-Docosane (C22)	13.707	2526073	18.399 ug/ml
14) T n-Tetracosane (C24)	14.805	2413483	17.754 ug/ml
15) T n-Hexacosane (C26)	15.821	2298976	17.317 ug/ml
16) T n-Octacosane (C28)	16.766	2216112	17.128 ug/ml
17) T n-Tricontane (C30)	17.650	2144257	17.391 ug/ml
18) T n-Dotriacontane (C32)	18.477	2007426	18.213 ug/ml
19) T n-Tetratriacontane (C34)	19.255	1915195	19.320 ug/ml
20) T n-Hexatriacontane (C36)	19.990	1839484	20.452 ug/ml
21) T n-Octatriacontane (C38)	20.705	1789043	21.533 ug/ml
22) T n-Tetracontane (C40)	21.568	1870649	22.241 ug/ml

(f)=RT Delta > 1/2 Window

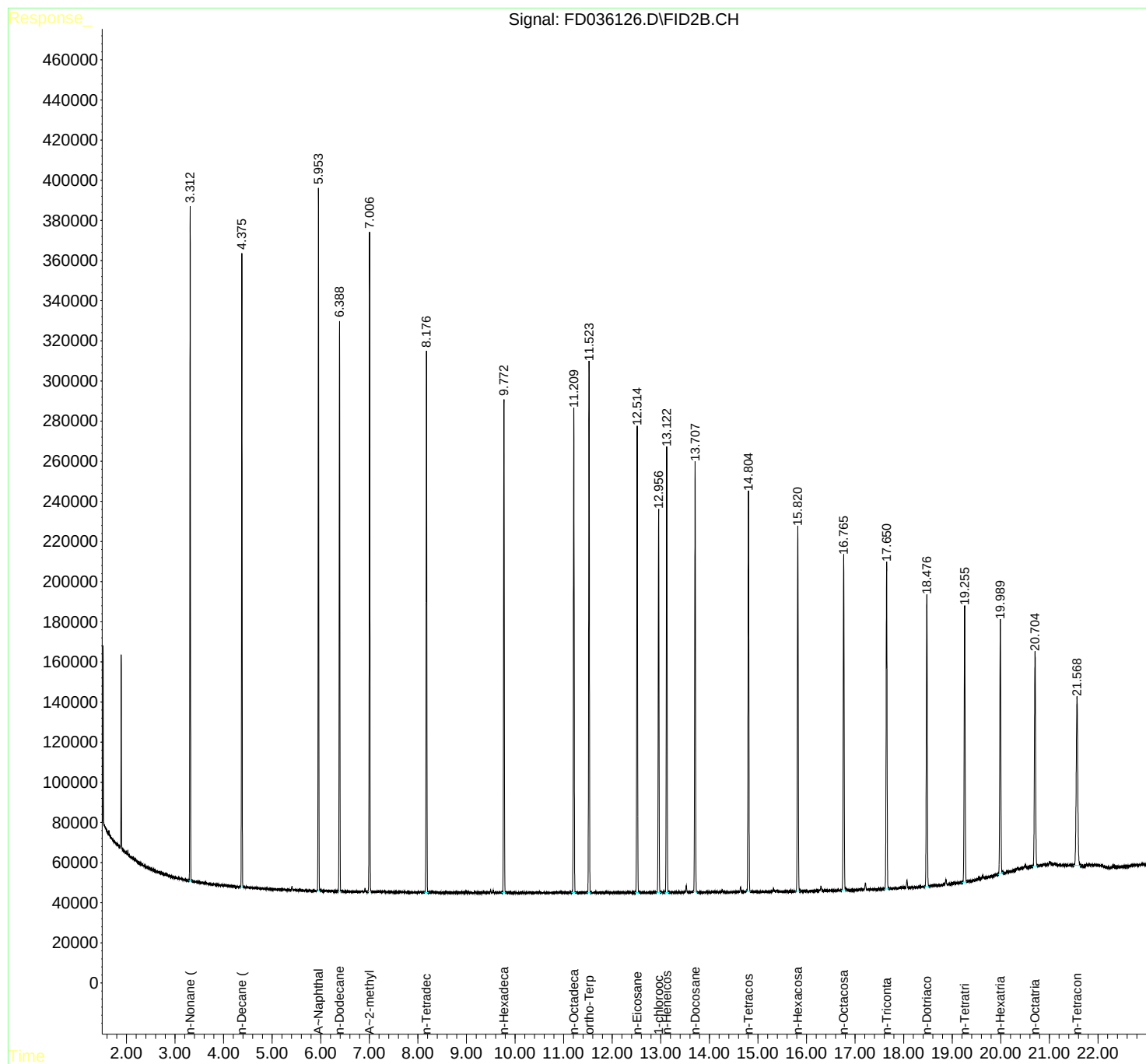
(m)=manual int.

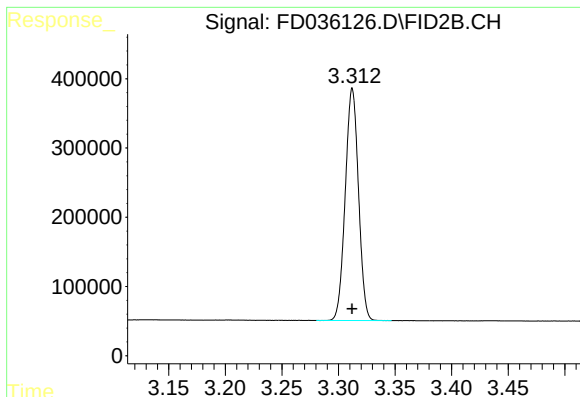
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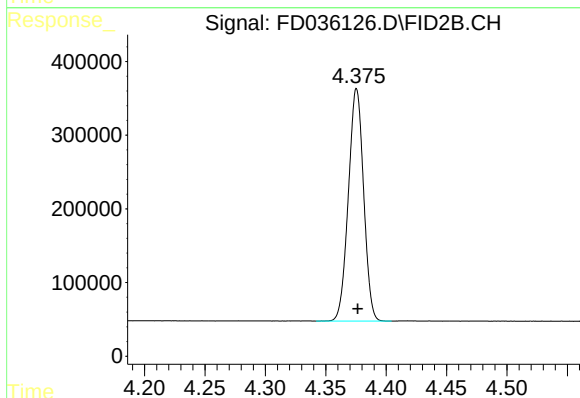




#1 n-Nonane (C9)

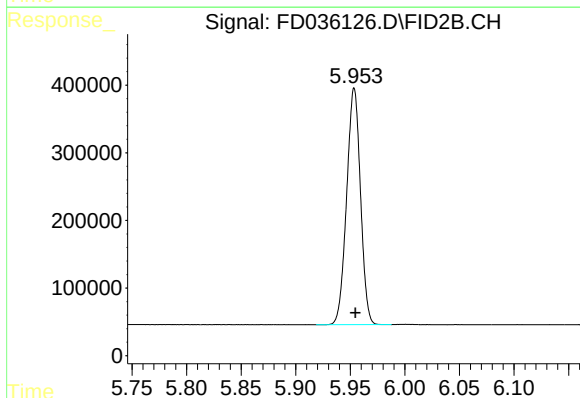
R.T.: 3.312 min
Delta R.T.: 0.000 min
Response: 2727342
Conc: 21.16 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



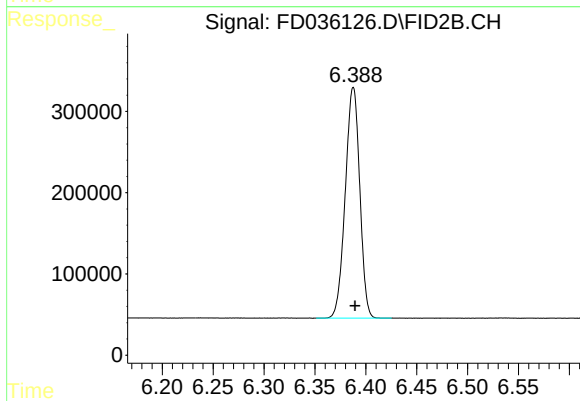
#2 n-Decane (C10)

R.T.: 4.376 min
Delta R.T.: -0.001 min
Response: 2766045
Conc: 21.26 ug/ml



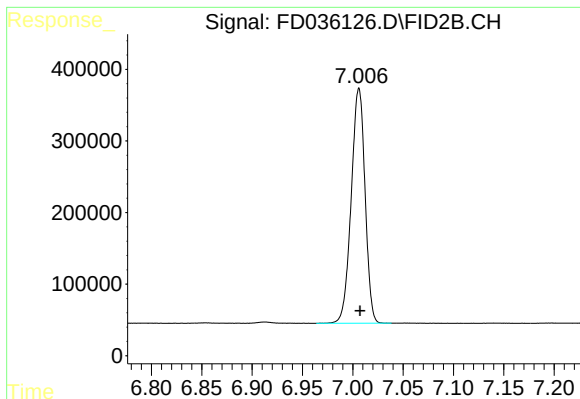
#3 A~Naphthalene (C11.7)

R.T.: 5.954 min
Delta R.T.: -0.001 min
Response: 3087388
Conc: 21.08 ug/ml



#4 n-Dodecane (C12)

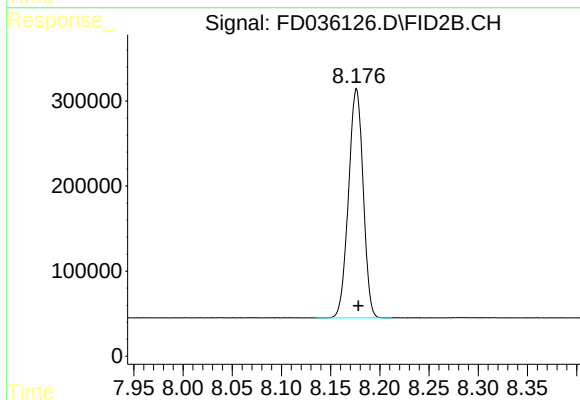
R.T.: 6.388 min
Delta R.T.: -0.002 min
Response: 2812227
Conc: 21.15 ug/ml



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

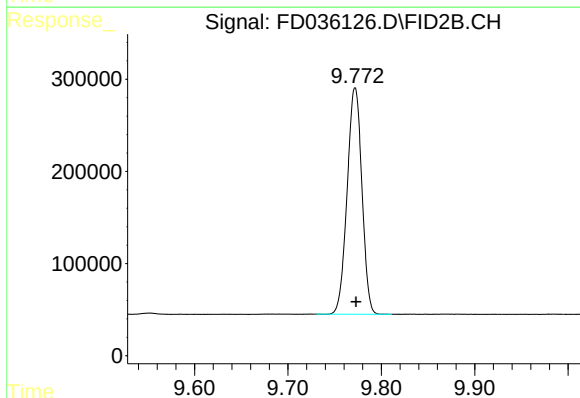
R.T.: 7.006 min
Delta R.T.: 0.000 min
Response: 3135381
Conc: 20.88 ug/ml

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20 PPM ALIPHATIC HC STD



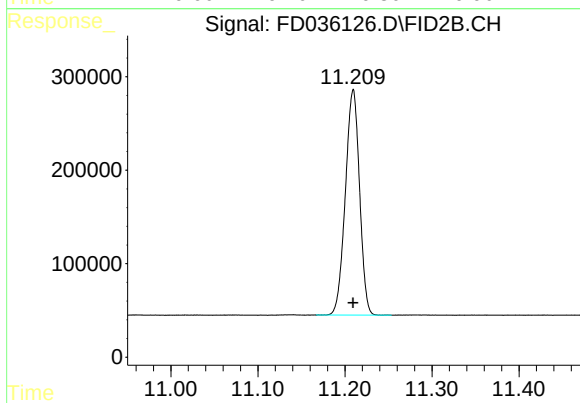
#6 n-Tetradecane (C14)

R.T.: 8.176 min
Delta R.T.: -0.002 min
Response: 2790609
Conc: 20.88 ug/ml



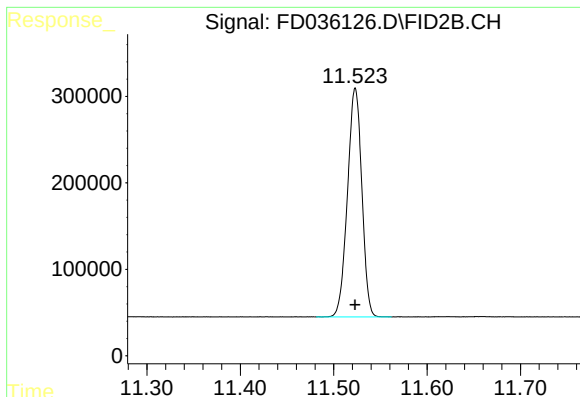
#7 n-Hexadecane (C16)

R.T.: 9.772 min
Delta R.T.: 0.000 min
Response: 2696745
Conc: 20.38 ug/ml



#8 n-Octadecane (C18)

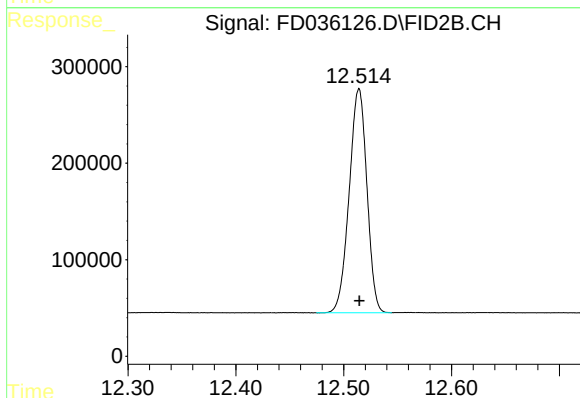
R.T.: 11.210 min
Delta R.T.: 0.000 min
Response: 2728702
Conc: 19.83 ug/ml



#9 ortho-Terphenyl (SURR)

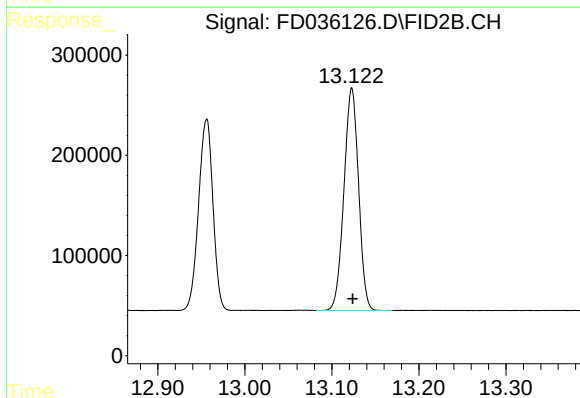
R.T.: 11.523 min
Delta R.T.: 0.000 min
Response: 2822365
Conc: 19.04 ug/ml

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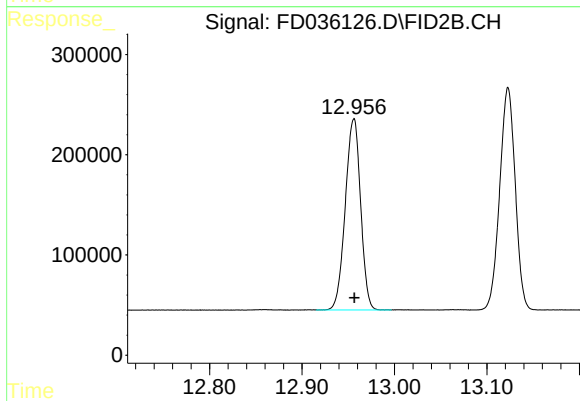
#10 n-Eicosane (C20)

R.T.: 12.514 min
Delta R.T.: 0.000 min
Response: 2648055
Conc: 19.17 ug/ml



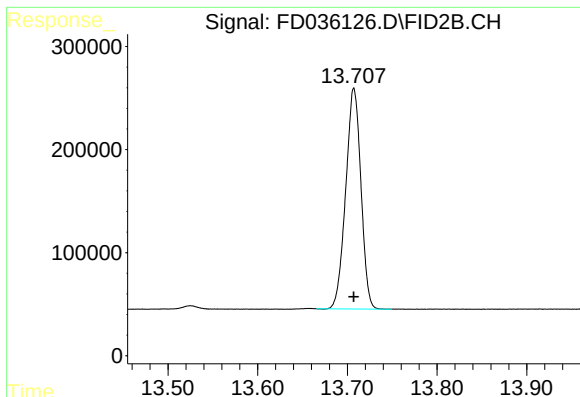
#11 n-Heneicosane (C21)

R.T.: 13.123 min
Delta R.T.: 0.000 min
Response: 2589986
Conc: 18.74 ug/ml



#12 1-chlorooctadecane (SURR)

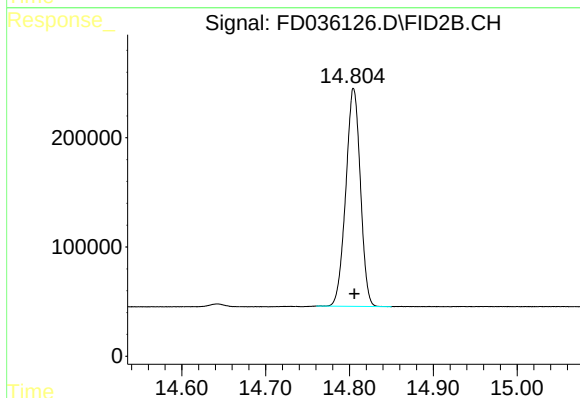
R.T.: 12.956 min
Delta R.T.: 0.000 min
Response: 2195509
Conc: 18.66 ug/ml



#13 n-Docosane (C22)

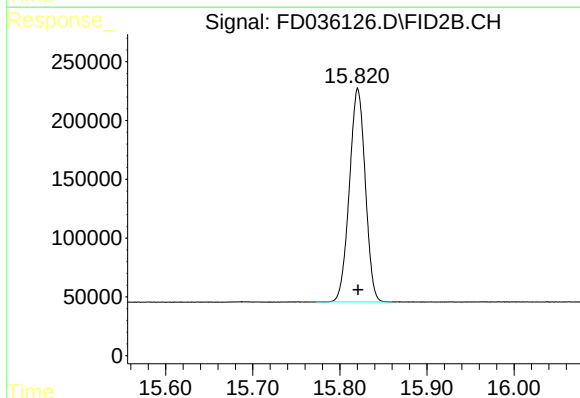
R.T.: 13.707 min
Delta R.T.: 0.000 min
Response: 2526073
Conc: 18.40 ug/ml

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20 PPM ALIPHATIC HC STD



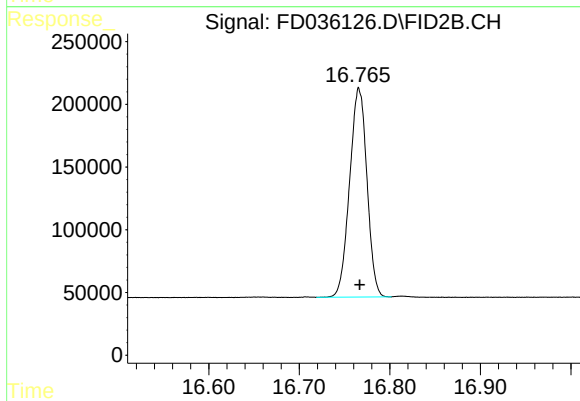
#14 n-Tetracosane (C24)

R.T.: 14.805 min
Delta R.T.: 0.000 min
Response: 2413483
Conc: 17.75 ug/ml



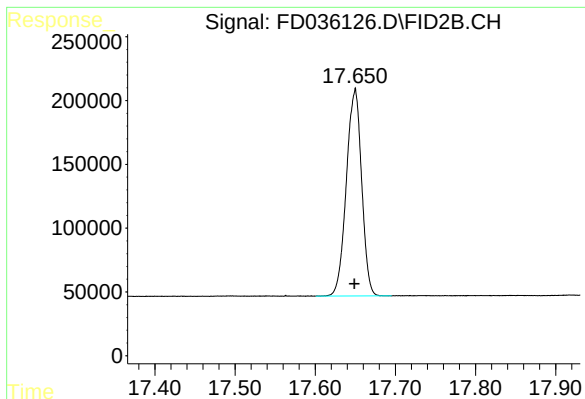
#15 n-Hexacosane (C26)

R.T.: 15.821 min
Delta R.T.: 0.000 min
Response: 2298976
Conc: 17.32 ug/ml



#16 n-Octacosane (C28)

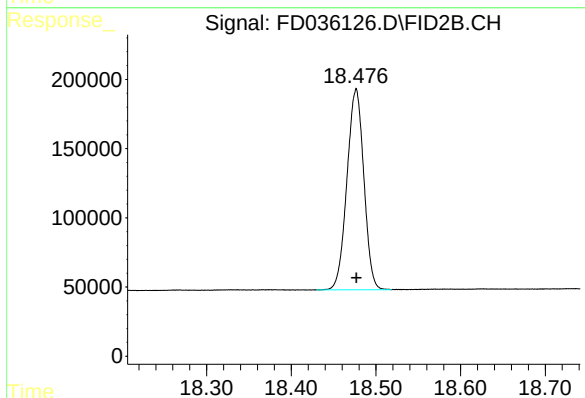
R.T.: 16.766 min
Delta R.T.: 0.000 min
Response: 2216112
Conc: 17.13 ug/ml



#17 n-Tricontane (C30)

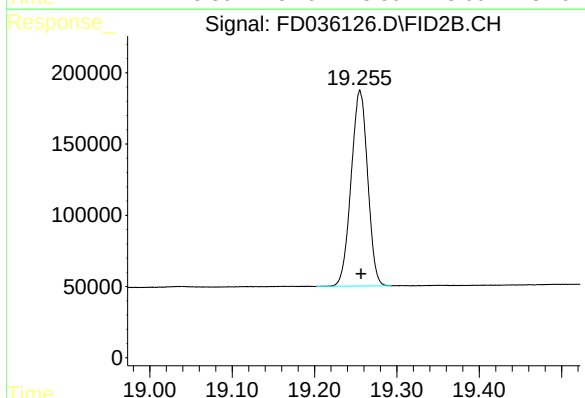
R.T.: 17.650 min
Delta R.T.: 0.000 min
Response: 2144257
Conc: 17.39 ug/ml

Instrument :
FID_D
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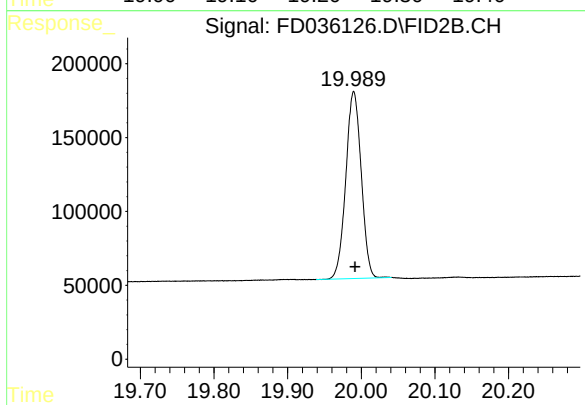
#18 n-Dotriacontane (C32)

R.T.: 18.477 min
Delta R.T.: 0.000 min
Response: 2007426
Conc: 18.21 ug/ml



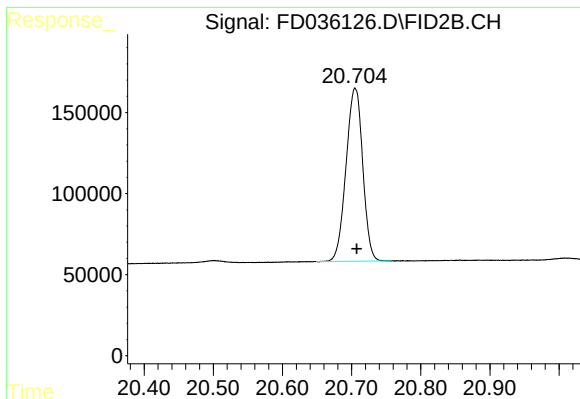
#19 n-Tetratriacontane (C34)

R.T.: 19.255 min
Delta R.T.: -0.001 min
Response: 1915195
Conc: 19.32 ug/ml



#20 n-Hexatriacontane (C36)

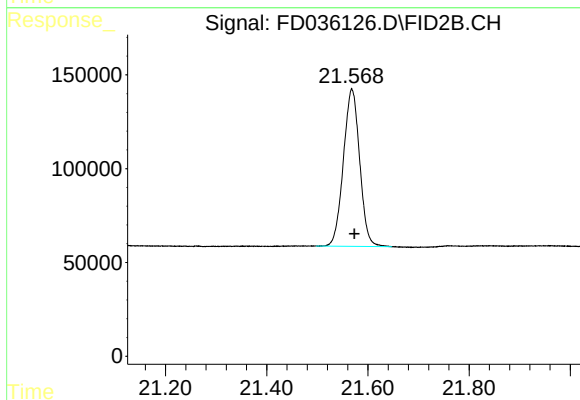
R.T.: 19.990 min
Delta R.T.: -0.002 min
Response: 1839484
Conc: 20.45 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.705 min
Delta R.T.: -0.002 min
Response: 1789043
Conc: 21.53 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.568 min
Delta R.T.: -0.005 min
Response: 1870649
Conc: 22.24 ug/ml