

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF082123AL\
 Data File : FF013273.D
 Signal(s) : FID2B.ch
 Acq On : 22 Aug 2023 08:00
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Aug 22 08:18:49 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 081023.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 10 16:05:52 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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)	11.889	2603878	18.952 ug/ml
Spiked Amount 50.000		Recovery =	37.90%
12) S 1-chlorooctadecane (S...	13.327	1985776	18.949 ug/ml
Spiked Amount 50.000		Recovery =	37.90%
Target Compounds			
1) T n-Nonane (C9)	3.282	2027195	18.972 ug/ml
2) T n-Decane (C10)	4.535	2042865	19.063 ug/ml
3) T A~Naphthalene (C11.7)	6.233	2268566	19.162 ug/ml
4) T n-Dodecane (C12)	6.699	2066747	19.100 ug/ml
5) T A~2-methylnaphthalene...	7.327	2267709	19.131 ug/ml
6) T n-Tetradecane (C14)	8.524	2059500	19.079 ug/ml
7) T n-Hexadecane (C16)	10.132	2072473	19.119 ug/ml
8) T n-Octadecane (C18)	11.574	2084770	19.039 ug/ml
10) T n-Eicosane (C20)	12.883	2081527	18.969 ug/ml
11) T n-Heneicosane (C21)	13.495	2075355	18.890 ug/ml
13) T n-Docosane (C22)	14.080	2066943	18.827 ug/ml
14) T n-Tetracosane (C24)	15.183	2068902	18.831 ug/ml
15) T n-Hexacosane (C26)	16.203	2028556	18.561 ug/ml
16) T n-Octacosane (C28)	17.153	1986693	18.400 ug/ml
17) T n-Tricontane (C30)	18.040	1982388	18.127 ug/ml
18) T n-Dotriacontane (C32)	18.871	1976635	17.499 ug/ml
19) T n-Tetratriacontane (C34)	19.653	1866337	17.570 ug/ml
20) T n-Hexatriacontane (C36)	20.392	1852890	17.579 ug/ml
21) T n-Octatriacontane (C38)	21.120	1833473	18.153 ug/ml
22) T n-Tetracontane (C40)	22.019	1884322	18.959 ug/ml

(f)=RT Delta > 1/2 Window

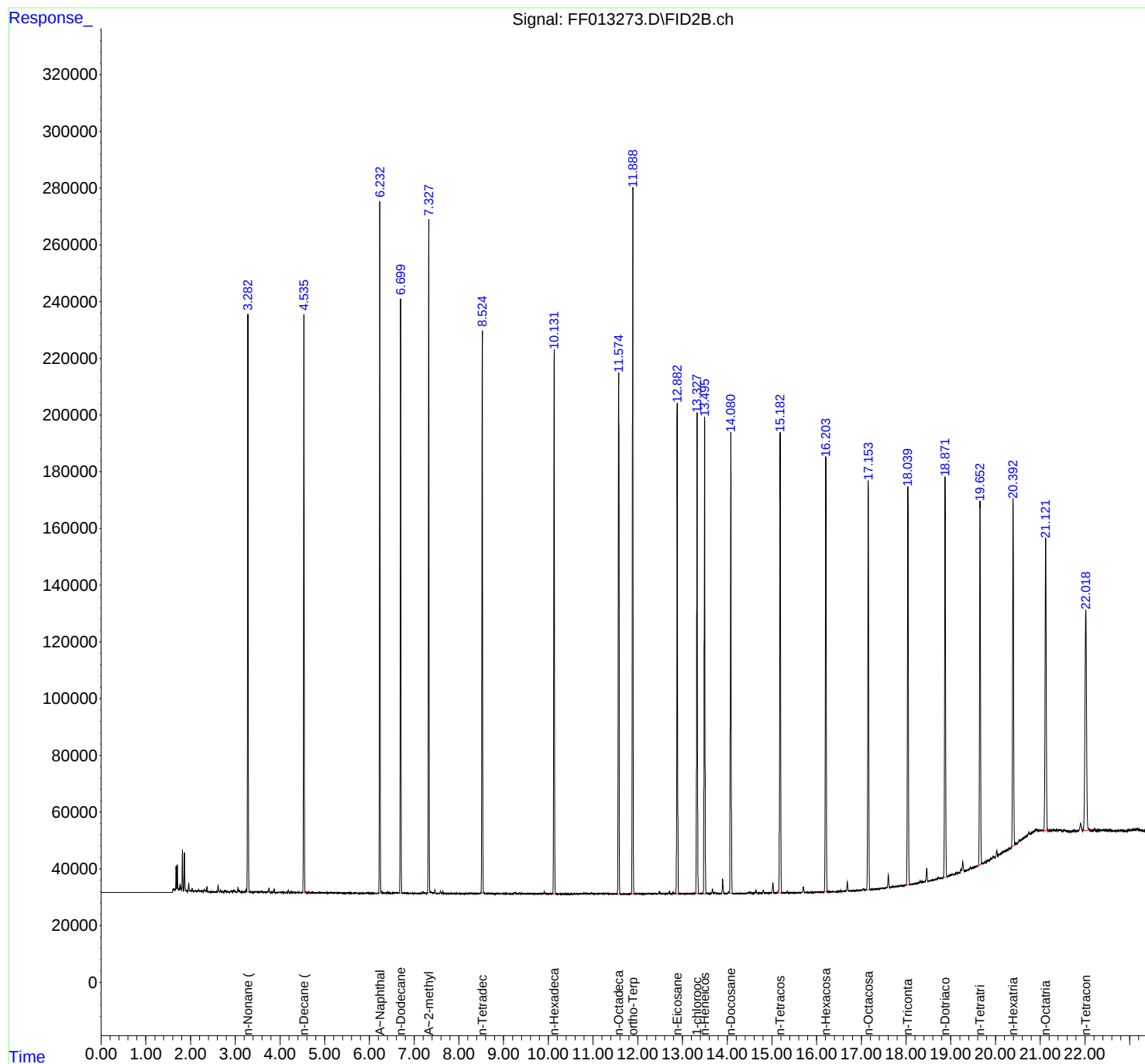
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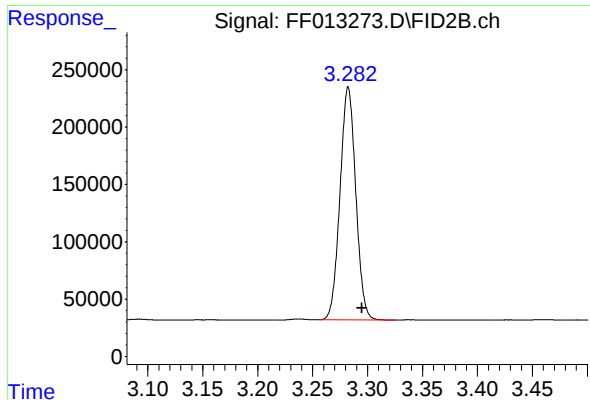
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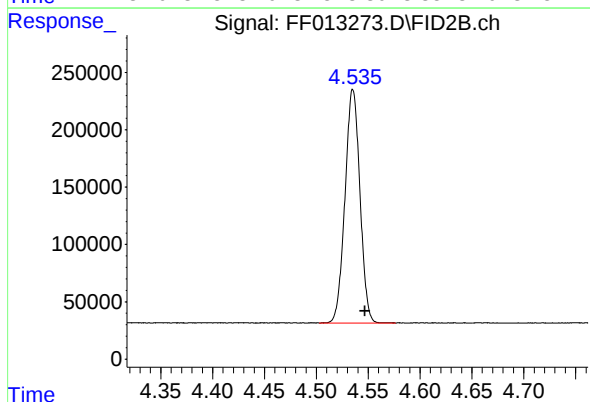




#1 n-Nonane (C9)

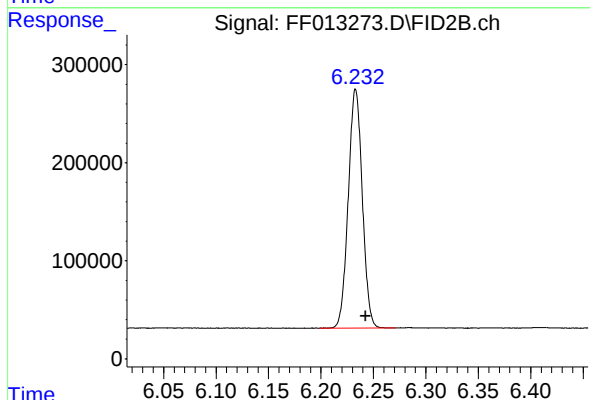
R.T.: 3.282 min
Delta R.T.: -0.013 min
Response: 2027195
Conc: 18.97 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD



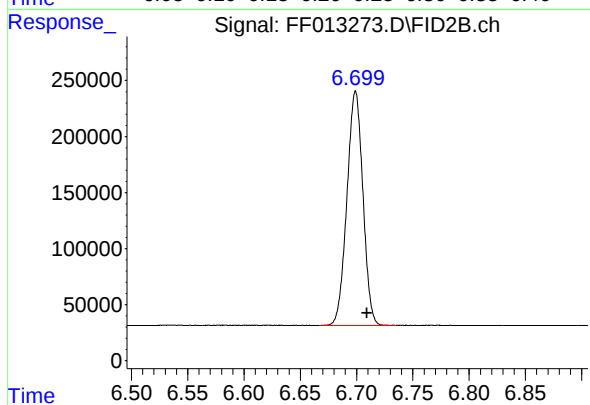
#2 n-Decane (C10)

R.T.: 4.535 min
Delta R.T.: -0.012 min
Response: 2042865
Conc: 19.06 ug/ml



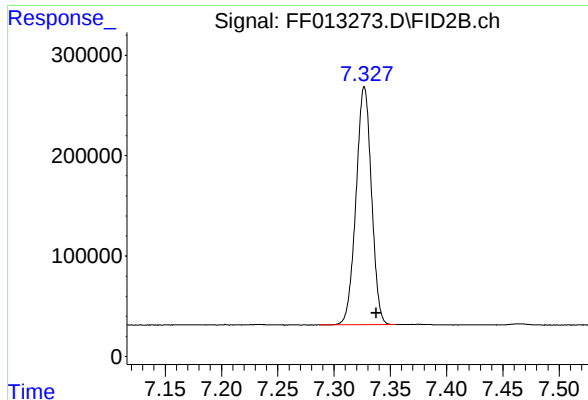
#3 A~Naphthalene (C11.7)

R.T.: 6.233 min
Delta R.T.: -0.009 min
Response: 2268566
Conc: 19.16 ug/ml



#4 n-Dodecane (C12)

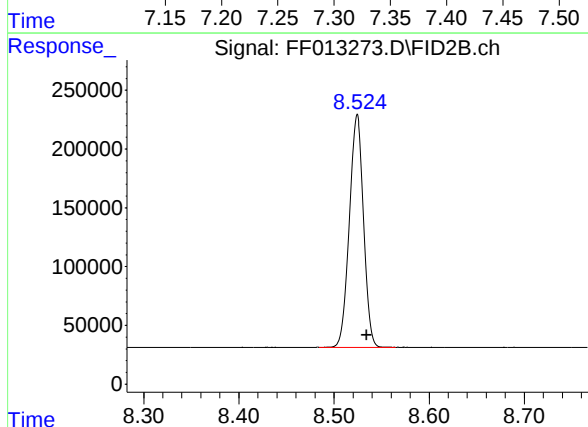
R.T.: 6.699 min
Delta R.T.: -0.010 min
Response: 2066747
Conc: 19.10 ug/ml



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

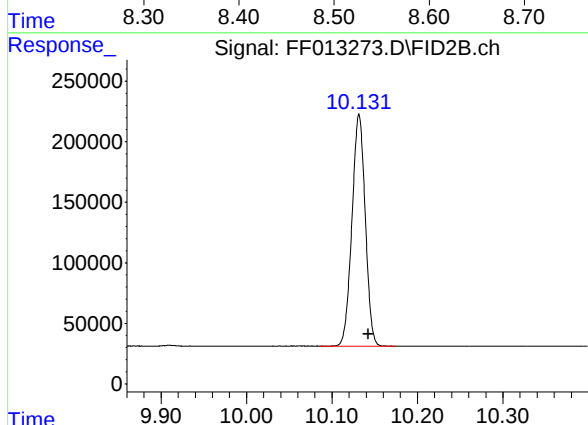
R.T.: 7.327 min
Delta R.T.: -0.011 min
Response: 2267709
Conc: 19.13 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD



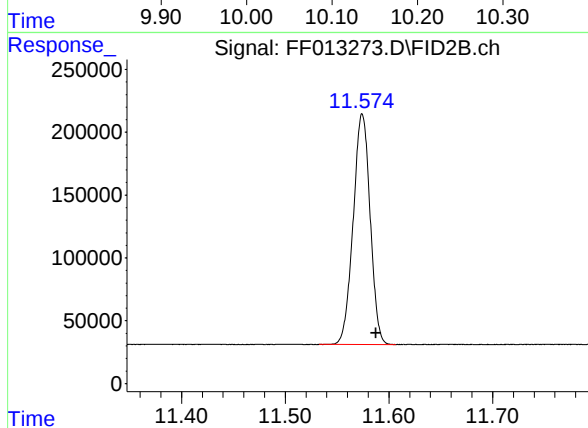
#6 n-Tetradecane (C14)

R.T.: 8.524 min
Delta R.T.: -0.010 min
Response: 2059500
Conc: 19.08 ug/ml



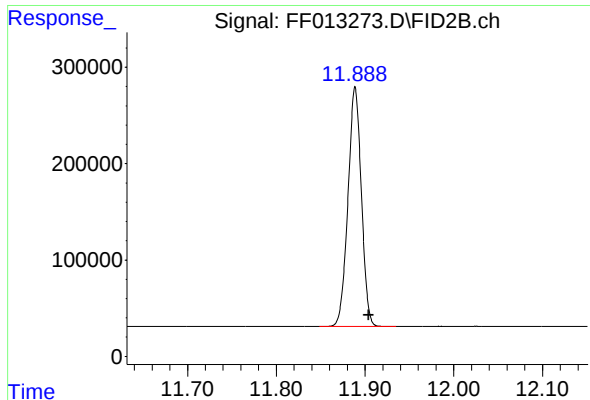
#7 n-Hexadecane (C16)

R.T.: 10.132 min
Delta R.T.: -0.011 min
Response: 2072473
Conc: 19.12 ug/ml



#8 n-Octadecane (C18)

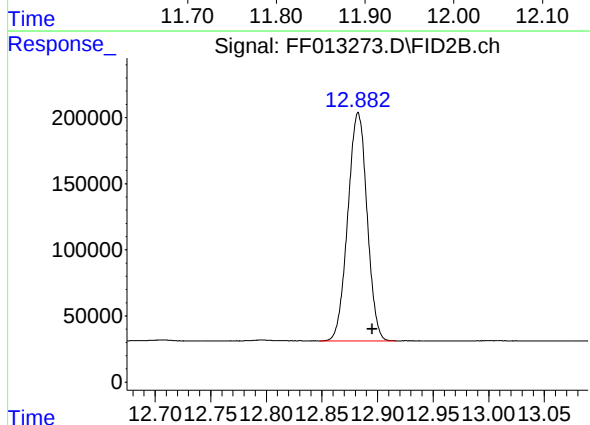
R.T.: 11.574 min
Delta R.T.: -0.013 min
Response: 2084770
Conc: 19.04 ug/ml



#9 ortho-Terphenyl (SURR)

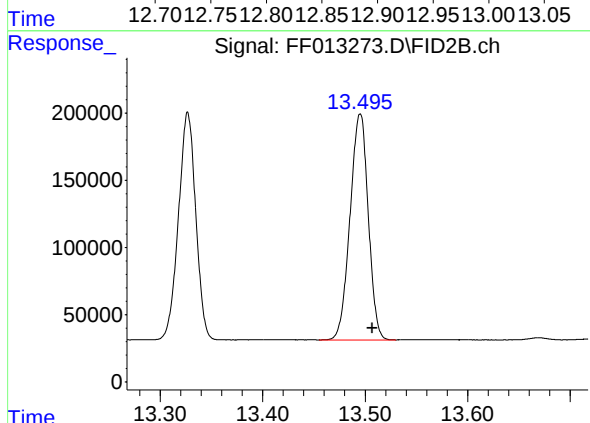
R.T.: 11.889 min
Delta R.T.: -0.015 min
Response: 2603878
Conc: 18.95 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD



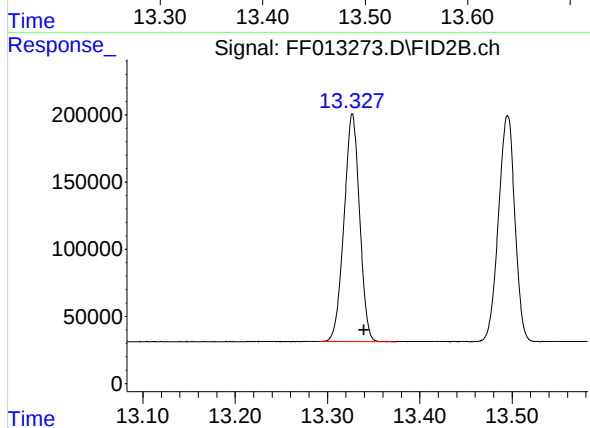
#10 n-Eicosane (C20)

R.T.: 12.883 min
Delta R.T.: -0.013 min
Response: 2081527
Conc: 18.97 ug/ml



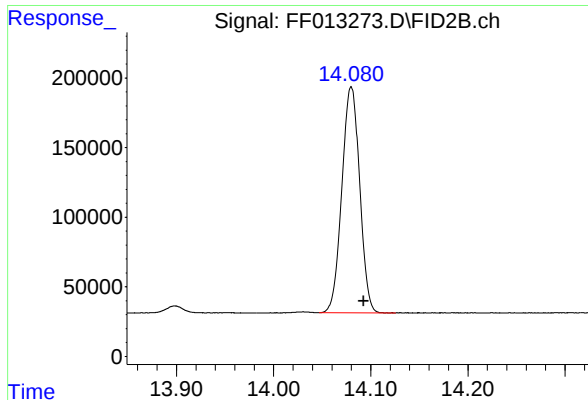
#11 n-Heneicosane (C21)

R.T.: 13.495 min
Delta R.T.: -0.011 min
Response: 2075355
Conc: 18.89 ug/ml



#12 1-chlorooctadecane (SURR)

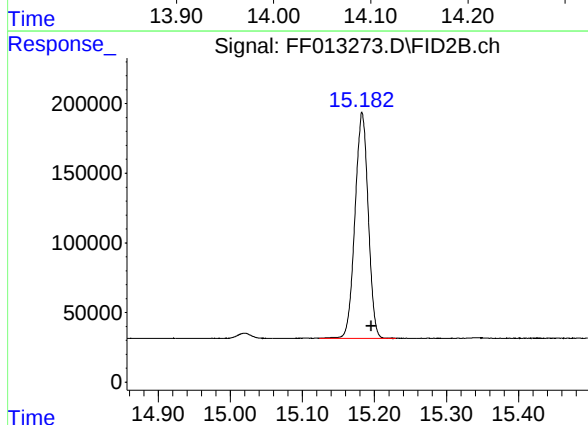
R.T.: 13.327 min
Delta R.T.: -0.012 min
Response: 1985776
Conc: 18.95 ug/ml



#13 n-Docosane (C22)

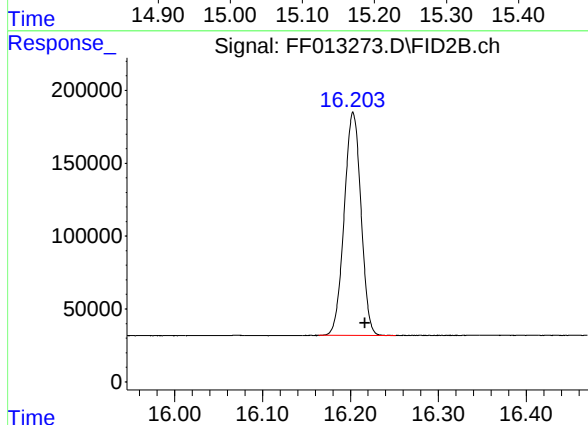
R.T.: 14.080 min
Delta R.T.: -0.012 min
Response: 2066943
Conc: 18.83 ug/ml

Instrument :
FID_F
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20 PPM ALIPHATIC HC STD



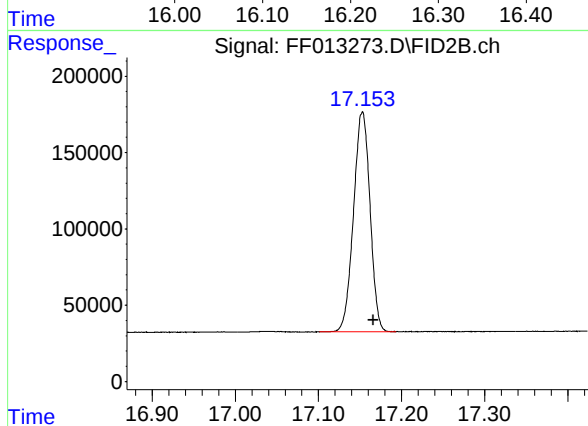
#14 n-Tetracosane (C24)

R.T.: 15.183 min
Delta R.T.: -0.013 min
Response: 2068902
Conc: 18.83 ug/ml



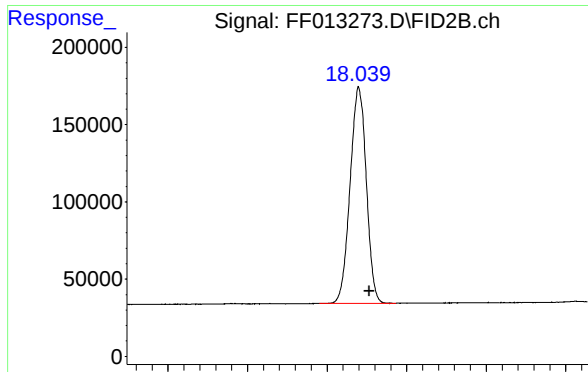
#15 n-Hexacosane (C26)

R.T.: 16.203 min
Delta R.T.: -0.013 min
Response: 2028556
Conc: 18.56 ug/ml



#16 n-Octacosane (C28)

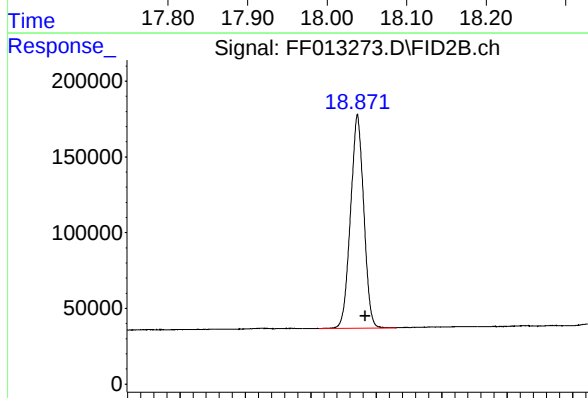
R.T.: 17.153 min
Delta R.T.: -0.013 min
Response: 1986693
Conc: 18.40 ug/ml



#17 n-Tricontane (C30)

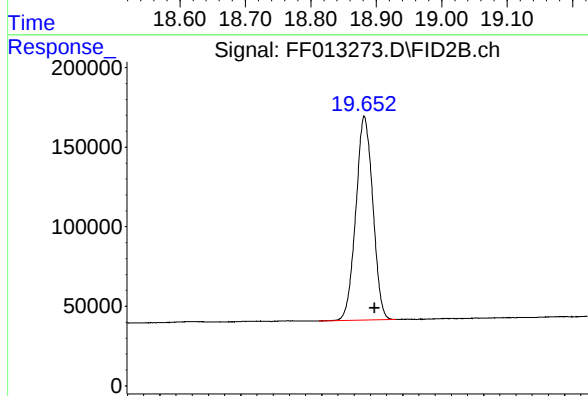
R.T.: 18.040 min
Delta R.T.: -0.013 min
Response: 1982388
Conc: 18.13 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



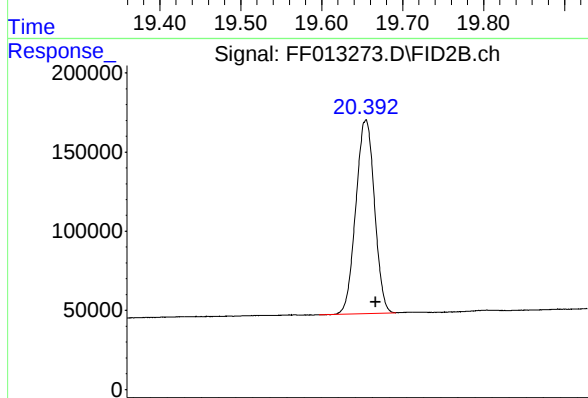
#18 n-Dotriacontane (C32)

R.T.: 18.871 min
Delta R.T.: -0.012 min
Response: 1976635
Conc: 17.50 ug/ml



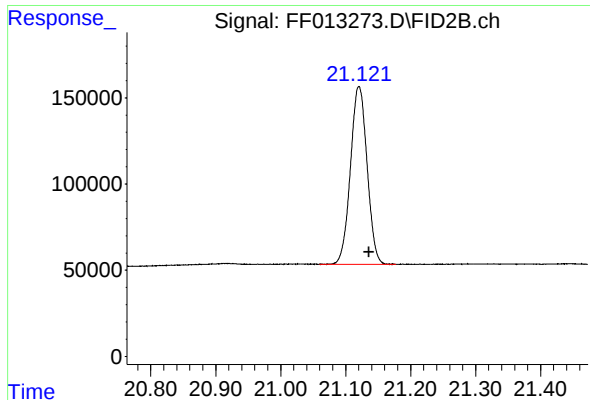
#19 n-Tetatriacontane (C34)

R.T.: 19.653 min
Delta R.T.: -0.013 min
Response: 1866337
Conc: 17.57 ug/ml



#20 n-Hexatriacontane (C36)

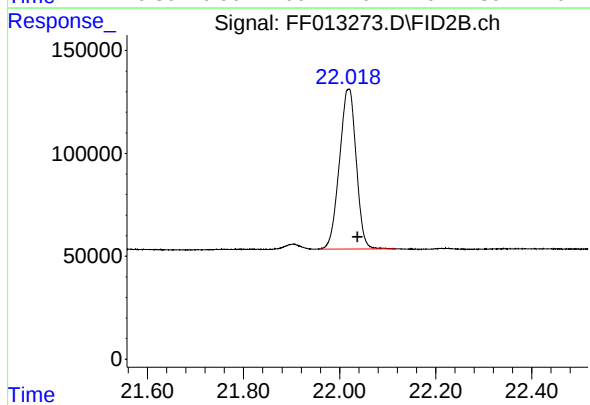
R.T.: 20.392 min
Delta R.T.: -0.012 min
Response: 1852890
Conc: 17.58 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.120 min
Delta R.T.: -0.016 min
Response: 1833473
Conc: 18.15 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.019 min
Delta R.T.: -0.019 min
Response: 1884322
Conc: 18.96 ug/ml