

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100923AL\
 Data File : FD046697.D
 Signal(s) : FID2B.ch
 Acq On : 09 Oct 2023 19:10
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Oct 09 23:48:21 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 091523.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 15 05:12:31 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)	11.381	4395395	20.651 ug/ml
Spiked Amount 50.000		Recovery =	41.30%
12) S 1-chlorooctadecane (S...	12.816	3253945	20.650 ug/ml
Spiked Amount 50.000		Recovery =	41.30%
Target Compounds			
1) T n-Nonane (C9)	3.217	3359420	20.315 ug/ml
2) T n-Decane (C10)	4.269	3385042	20.081 ug/ml
3) T A~Naphthalene (C11.7)	5.827	3748658	20.071 ug/ml
4) T n-Dodecane (C12)	6.270	3424900	20.163 ug/ml
5) T A~2-methylnaphthalene...	6.876	3714939	20.558 ug/ml
6) T n-Tetradecane (C14)	8.053	3412047	20.164 ug/ml
7) T n-Hexadecane (C16)	9.644	3522787	19.940 ug/ml
8) T n-Octadecane (C18)	11.077	3620882	19.750 ug/ml
10) T n-Eicosane (C20)	12.378	3603782	19.933 ug/ml
11) T n-Heneicosane (C21)	12.985	3600490	20.024 ug/ml
13) T n-Docosane (C22)	13.567	3599138	19.926 ug/ml
14) T n-Tetracosane (C24)	14.661	3613723	19.714 ug/ml
15) T n-Hexacosane (C26)	15.676	3518995	19.667 ug/ml
16) T n-Octacosane (C28)	16.617	3383157	19.601 ug/ml
17) T n-Tricontane (C30)	17.498	3297500	19.179 ug/ml
18) T n-Dotriacontane (C32)	18.323	3148311	19.251 ug/ml
19) T n-Tetratriacontane (C34)	19.100	2954714	18.958 ug/ml
20) T n-Hexatriacontane (C36)	19.833	2813873	20.013 ug/ml
21) T n-Octatriacontane (C38)	20.532	2687051	20.068 ug/ml
22) T n-Tetracontane (C40)	21.345	2556100	20.221 ug/ml

(f)=RT Delta > 1/2 Window

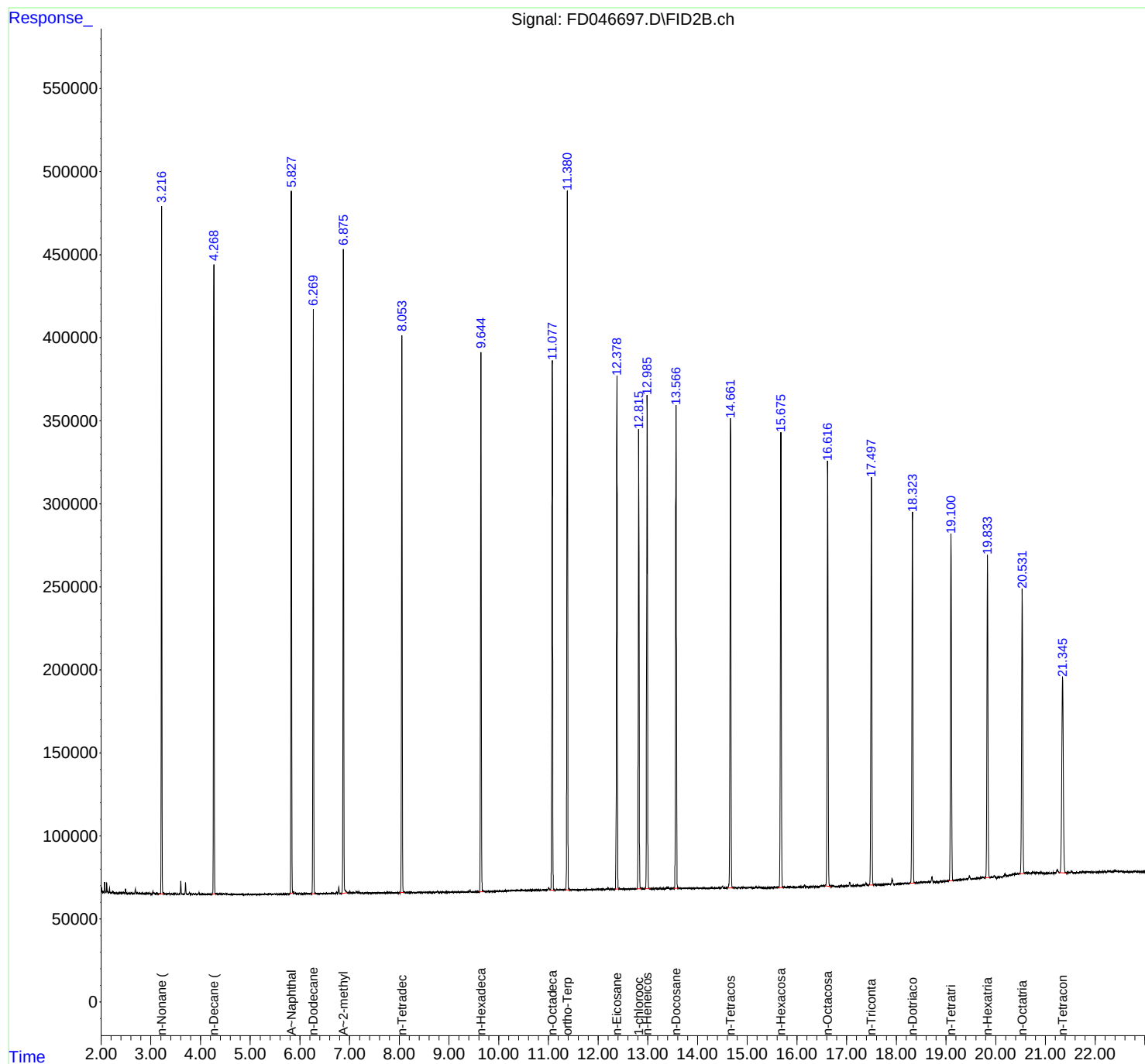
(m)=manual int.

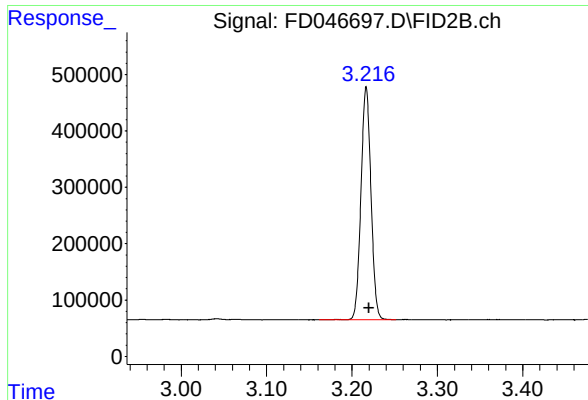
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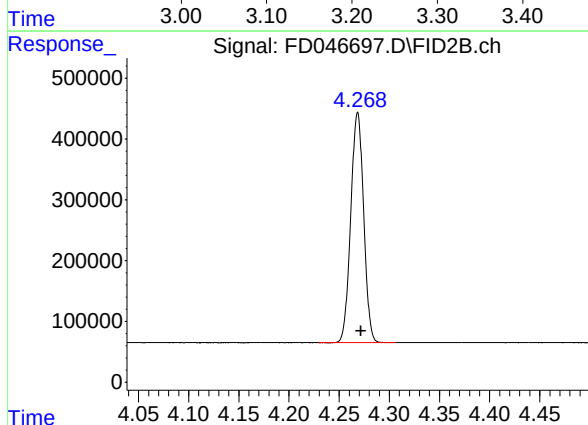




#1 n-Nonane (C9)

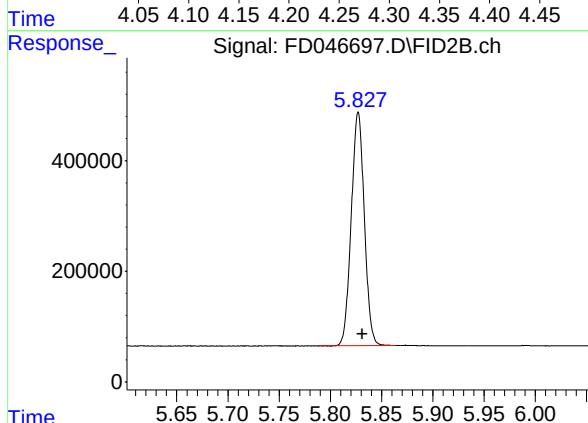
R.T.: 3.217 min
Delta R.T.: -0.003 min
Response: 3359420
Conc: 20.32 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD



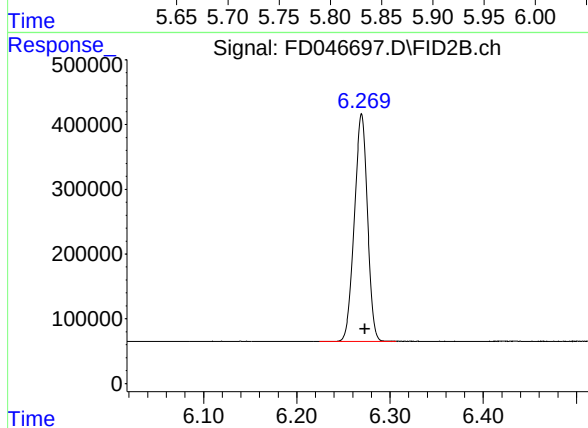
#2 n-Decane (C10)

R.T.: 4.269 min
Delta R.T.: -0.003 min
Response: 3385042
Conc: 20.08 ug/ml



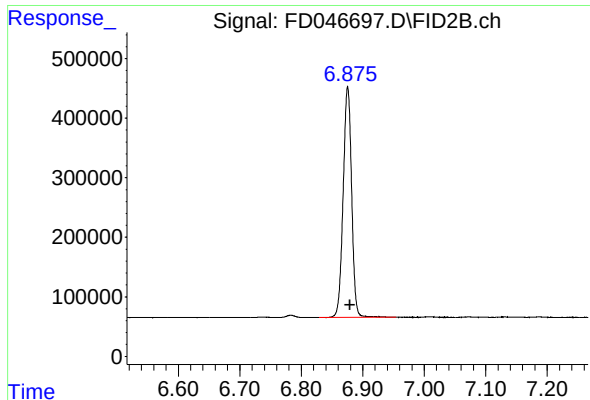
#3 A~Naphthalene (C11.7)

R.T.: 5.827 min
Delta R.T.: -0.004 min
Response: 3748658
Conc: 20.07 ug/ml



#4 n-Dodecane (C12)

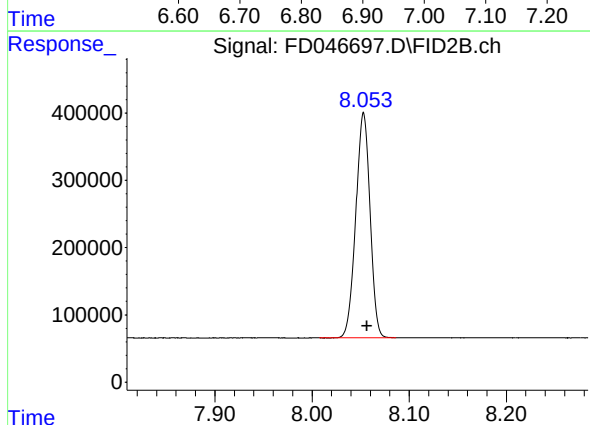
R.T.: 6.270 min
Delta R.T.: -0.003 min
Response: 3424900
Conc: 20.16 ug/ml



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

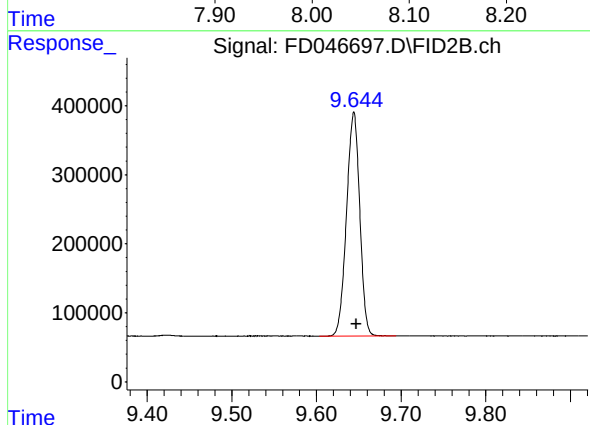
R.T.: 6.876 min
Delta R.T.: -0.004 min
Response: 3714939
Conc: 20.56 ug/ml

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20 PPM ALIPHATIC HC STD



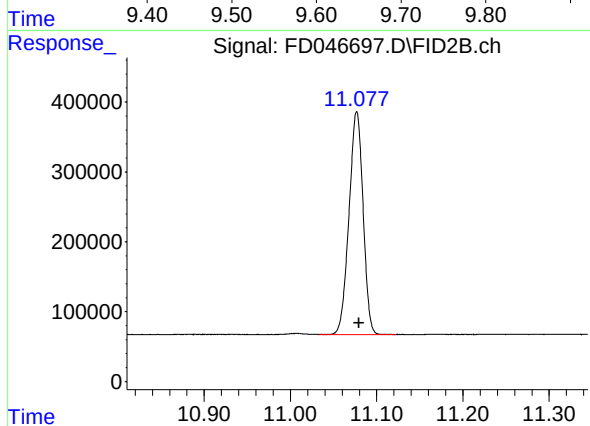
#6 n-Tetradecane (C14)

R.T.: 8.053 min
Delta R.T.: -0.004 min
Response: 3412047
Conc: 20.16 ug/ml



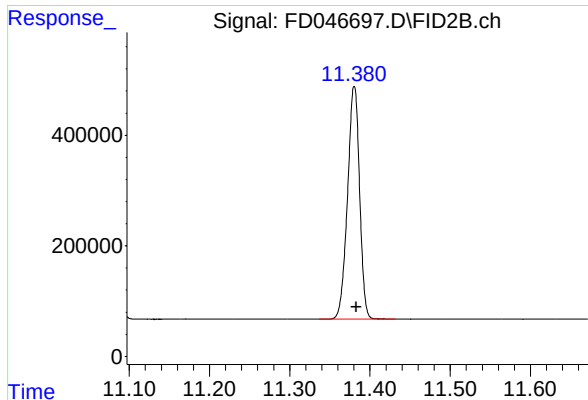
#7 n-Hexadecane (C16)

R.T.: 9.644 min
Delta R.T.: -0.003 min
Response: 3522787
Conc: 19.94 ug/ml



#8 n-Octadecane (C18)

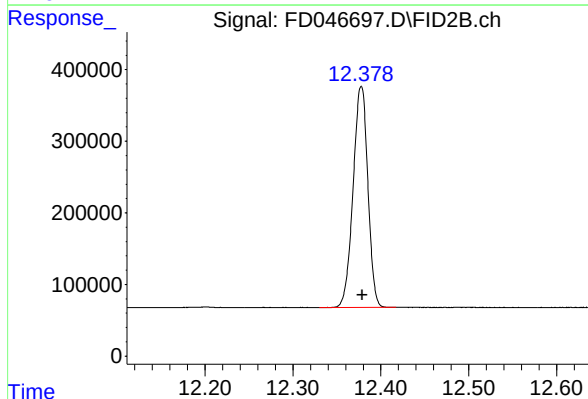
R.T.: 11.077 min
Delta R.T.: -0.003 min
Response: 3620882
Conc: 19.75 ug/ml



#9 ortho-Terphenyl (SURR)

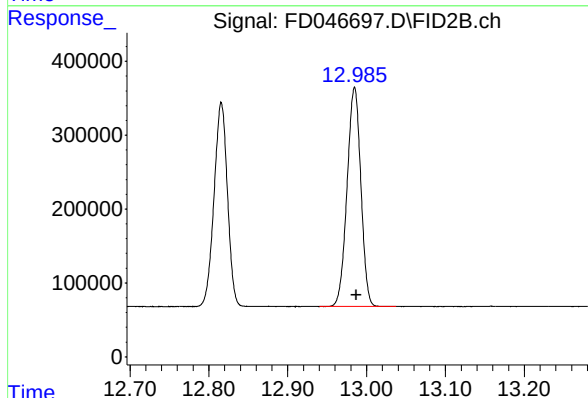
R.T.: 11.381 min
Delta R.T.: -0.002 min
Response: 4395395
Conc: 20.65 ug/ml

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FID_D
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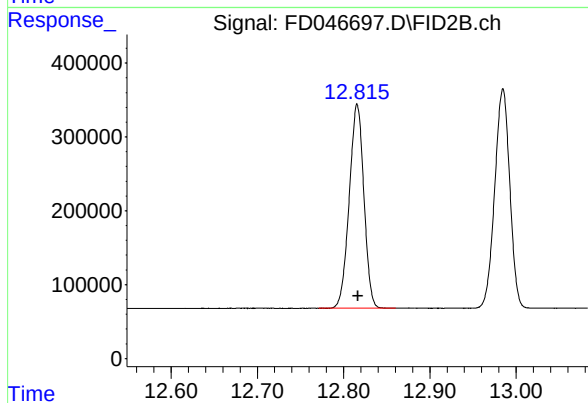
#10 n-Eicosane (C20)

R.T.: 12.378 min
Delta R.T.: 0.000 min
Response: 3603782
Conc: 19.93 ug/ml



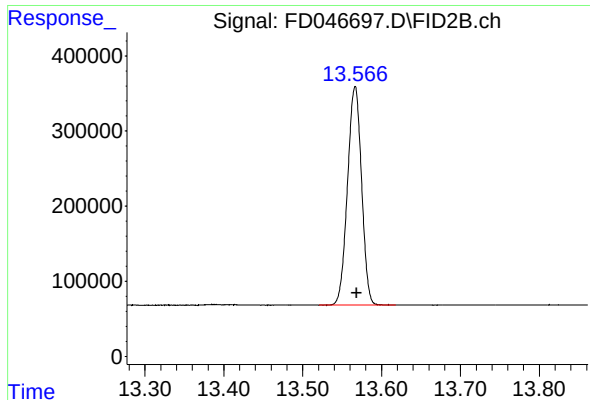
#11 n-Heneicosane (C21)

R.T.: 12.985 min
Delta R.T.: -0.002 min
Response: 3600490
Conc: 20.02 ug/ml



#12 1-chlorooctadecane (SURR)

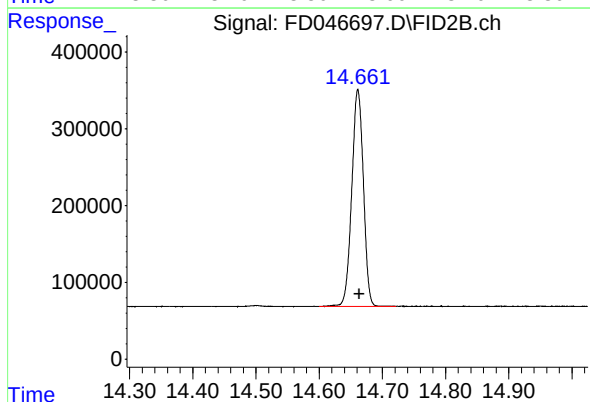
R.T.: 12.816 min
Delta R.T.: 0.000 min
Response: 3253945
Conc: 20.65 ug/ml



#13 n-Docosane (C22)

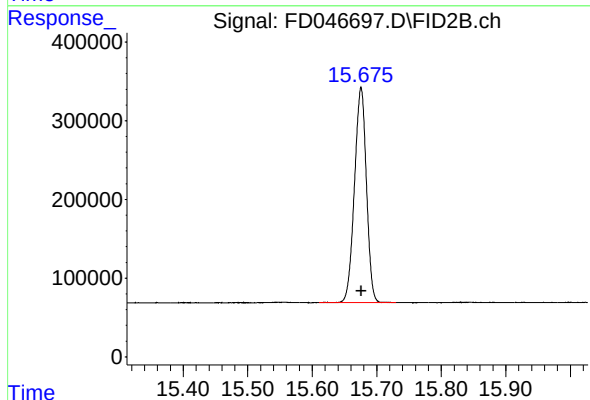
R.T.: 13.567 min
Delta R.T.: -0.002 min
Response: 3599138
Conc: 19.93 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD



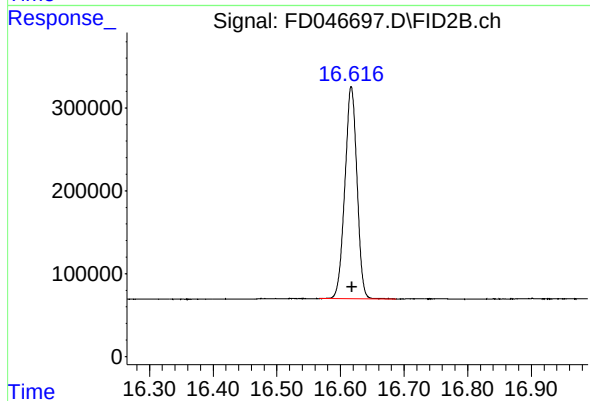
#14 n-Tetracosane (C24)

R.T.: 14.661 min
Delta R.T.: -0.002 min
Response: 3613723
Conc: 19.71 ug/ml



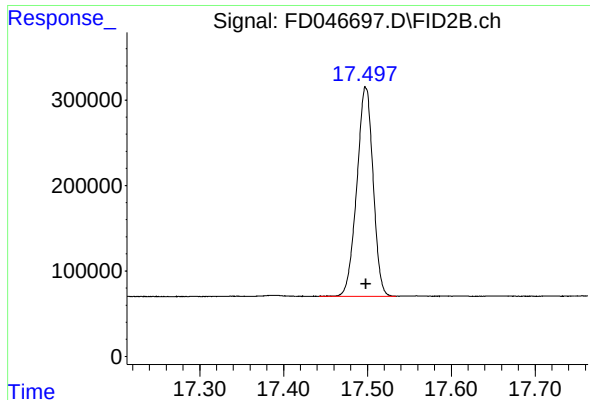
#15 n-Hexacosane (C26)

R.T.: 15.676 min
Delta R.T.: 0.000 min
Response: 3518995
Conc: 19.67 ug/ml



#16 n-Octacosane (C28)

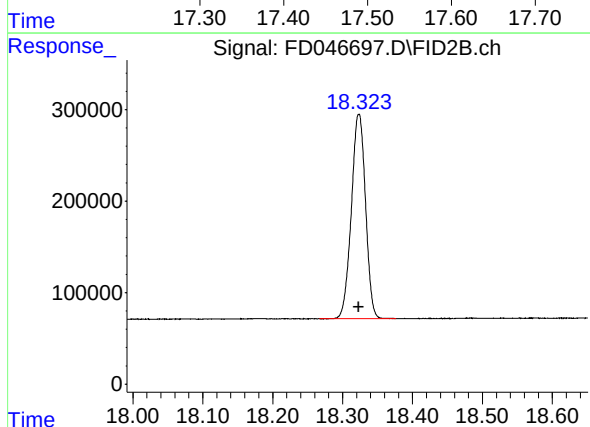
R.T.: 16.617 min
Delta R.T.: -0.001 min
Response: 3383157
Conc: 19.60 ug/ml



#17 n-Tricontane (C30)

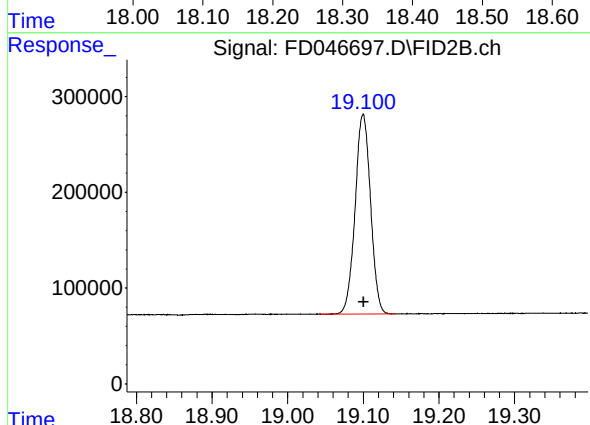
R.T.: 17.498 min
Delta R.T.: 0.000 min
Response: 3297500
Conc: 19.18 ug/ml

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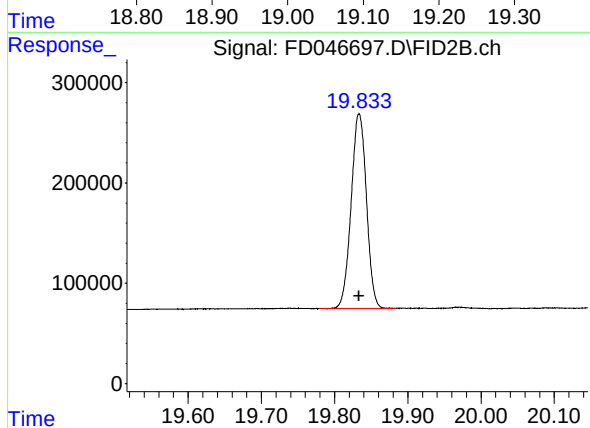
#18 n-Dotriacontane (C32)

R.T.: 18.323 min
Delta R.T.: 0.000 min
Response: 3148311
Conc: 19.25 ug/ml



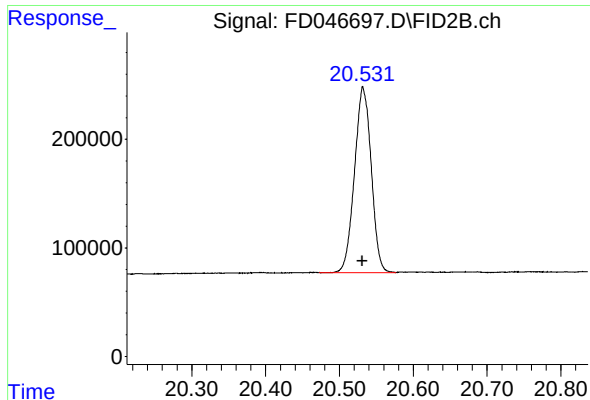
#19 n-Tetatriacontane (C34)

R.T.: 19.100 min
Delta R.T.: 0.000 min
Response: 2954714
Conc: 18.96 ug/ml



#20 n-Hexatriacontane (C36)

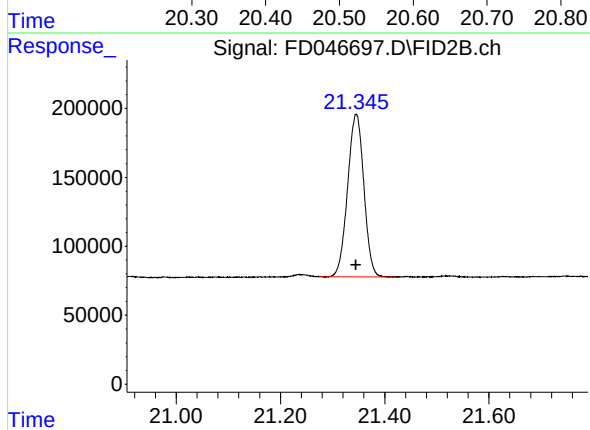
R.T.: 19.833 min
Delta R.T.: 0.000 min
Response: 2813873
Conc: 20.01 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.532 min
Delta R.T.: 0.000 min
Response: 2687051
Conc: 20.07 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.345 min
Delta R.T.: 0.000 min
Response: 2556100
Conc: 20.22 ug/ml