

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD080122AL\
 Data File : FD043449.D
 Signal(s) : FID2B.ch
 Acq On : 01 Aug 2022 22:21
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: sample.E
 Quant Time: Aug 02 04:10:33 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 072522.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 26 05:37:25 2022
 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)	11.530	2948471	18.627 ug/ml
Spiked Amount 50.000		Recovery =	37.25%
12) S 1-chlorooctadecane (S...	12.967	2305389	18.810 ug/ml
Spiked Amount 50.000		Recovery =	37.62%
Target Compounds			
1) T n-Nonane (C9)	3.311	2658268	18.965 ug/ml
2) T n-Decane (C10)	4.375	2711166	19.282 ug/ml
3) T A~Naphthalene (C11.7)	5.954	2908010	19.139 ug/ml
4) T n-Dodecane (C12)	6.389	2725193	19.147 ug/ml
5) T A~2-methylnaphthalene...	7.008	2875739	19.220 ug/ml
6) T n-Tetradecane (C14)	8.181	2717462	19.157 ug/ml
7) T n-Hexadecane (C16)	9.778	2735169	19.285 ug/ml
8) T n-Octadecane (C18)	11.217	2750325	19.234 ug/ml
10) T n-Eicosane (C20)	12.524	2736215	18.898 ug/ml
11) T n-Heneicosane (C21)	13.134	2725280	18.764 ug/ml
13) T n-Docosane (C22)	13.718	2721252	18.757 ug/ml
14) T n-Tetracosane (C24)	14.820	2684890	18.533 ug/ml
15) T n-Hexacosane (C26)	15.837	2658792	18.485 ug/ml
16) T n-Octacosane (C28)	16.785	2634993	18.627 ug/ml
17) T n-Tricontane (C30)	17.669	2754229	19.514 ug/ml
18) T n-Dotriacontane (C32)	18.500	2782646	20.122 ug/ml
19) T n-Tetratriacontane (C34)	19.281	2573591	19.999 ug/ml
20) T n-Hexatriacontane (C36)	20.017	2454974	19.903 ug/ml
21) T n-Octatriacontane (C38)	20.739	2273475	19.226 ug/ml
22) T n-Tetracontane (C40)	21.618	2213137	19.573 ug/ml

(f)=RT Delta > 1/2 Window

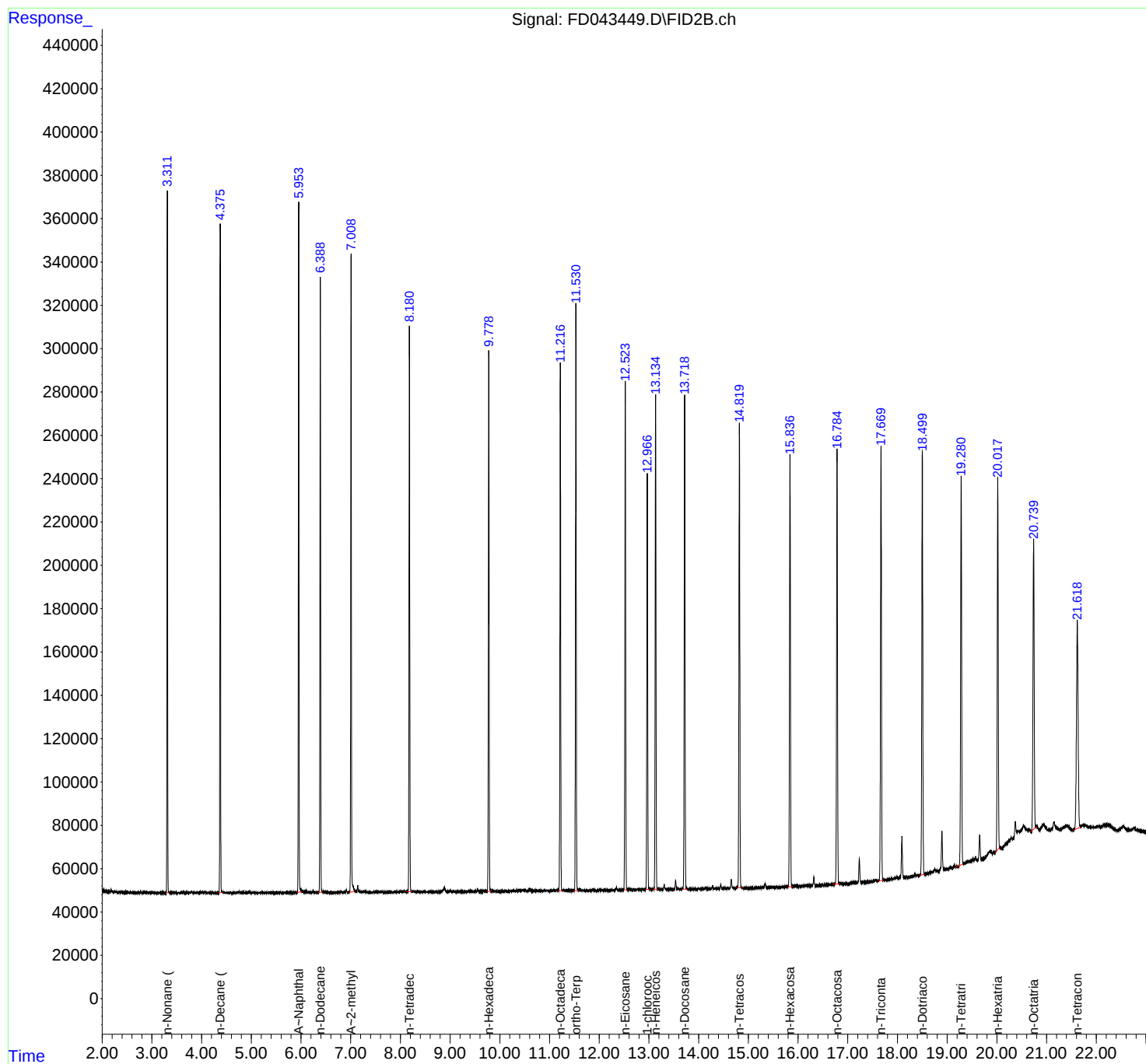
(m)=manual int.

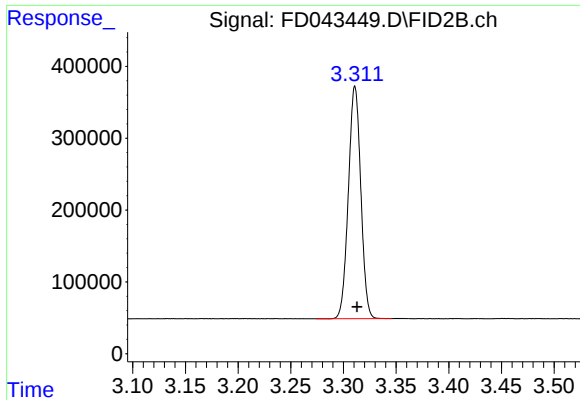
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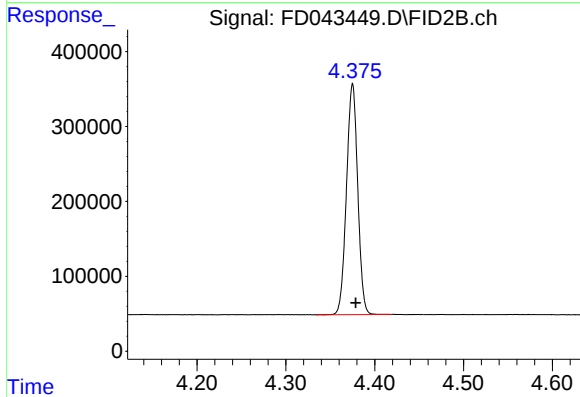




#1 n-Nonane (C9)

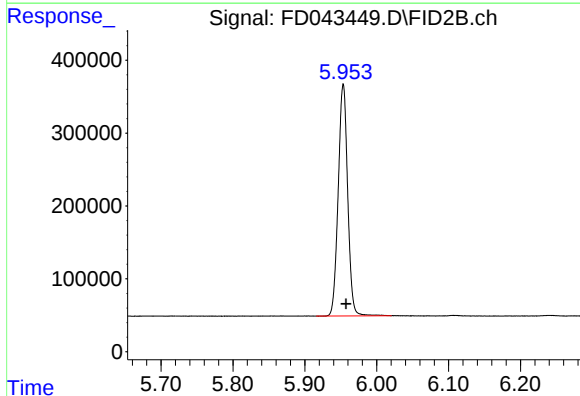
R.T.: 3.311 min
Delta R.T.: -0.002 min
Response: 2658268
Conc: 18.97 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



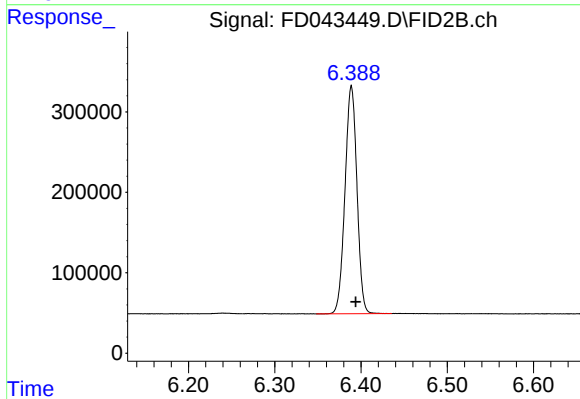
#2 n-Decane (C10)

R.T.: 4.375 min
Delta R.T.: -0.003 min
Response: 2711166
Conc: 19.28 ug/ml



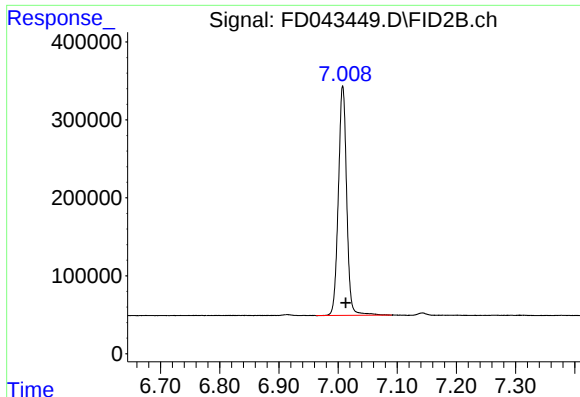
#3 A~Naphthalene (C11.7)

R.T.: 5.954 min
Delta R.T.: -0.004 min
Response: 2908010
Conc: 19.14 ug/ml



#4 n-Dodecane (C12)

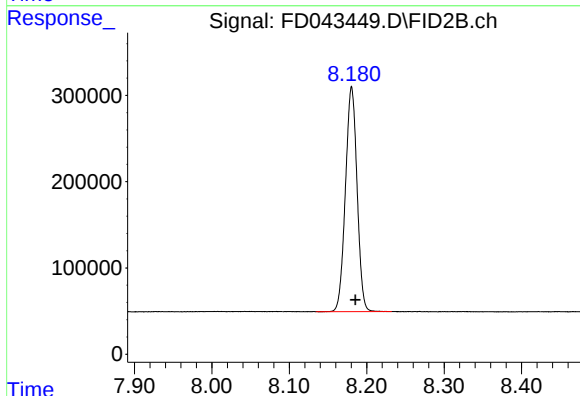
R.T.: 6.389 min
Delta R.T.: -0.005 min
Response: 2725193
Conc: 19.15 ug/ml



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

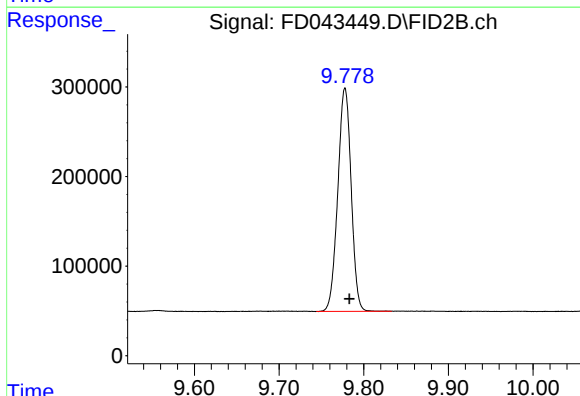
R.T.: 7.008 min
Delta R.T.: -0.005 min
Response: 2875739
Conc: 19.22 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



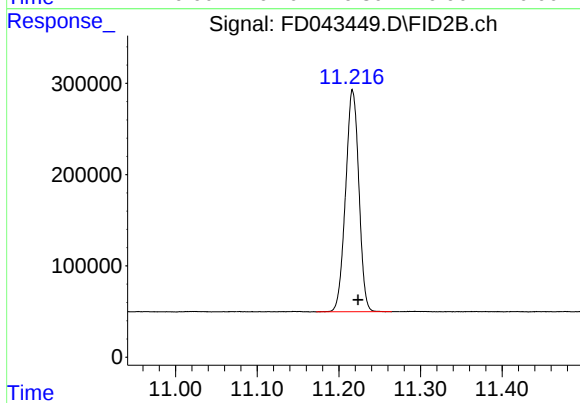
#6 n-Tetradecane (C14)

R.T.: 8.181 min
Delta R.T.: -0.005 min
Response: 2717462
Conc: 19.16 ug/ml



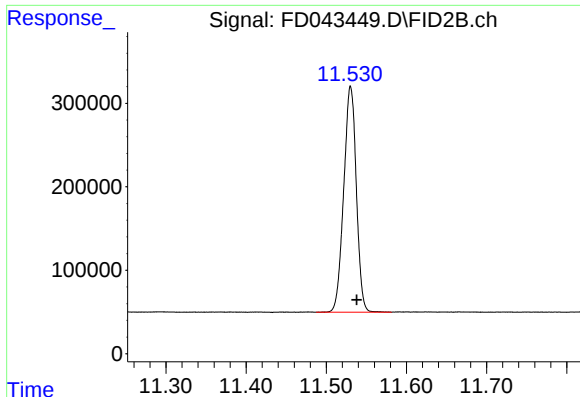
#7 n-Hexadecane (C16)

R.T.: 9.778 min
Delta R.T.: -0.005 min
Response: 2735169
Conc: 19.28 ug/ml



#8 n-Octadecane (C18)

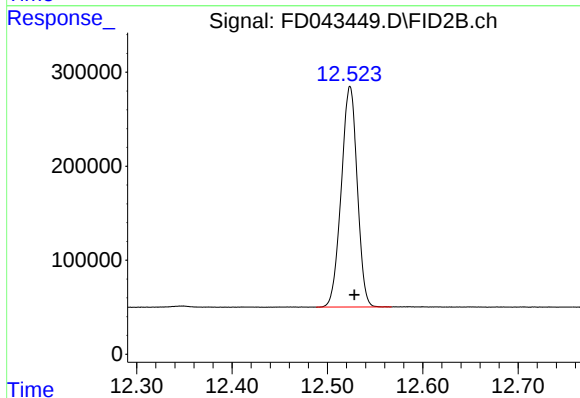
R.T.: 11.217 min
Delta R.T.: -0.007 min
Response: 2750325
Conc: 19.23 ug/ml



#9 ortho-Terphenyl (SURR)

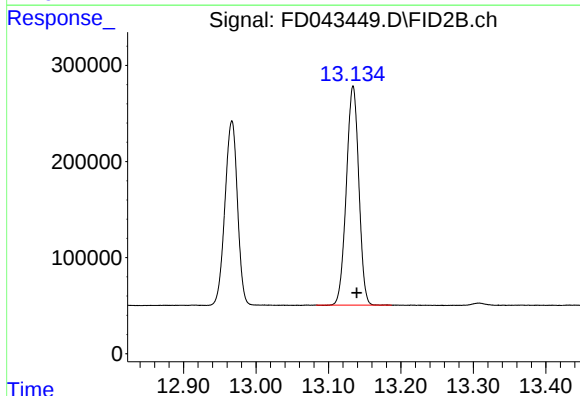
R.T.: 11.530 min
Delta R.T.: -0.007 min
Response: 2948471
Conc: 18.63 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



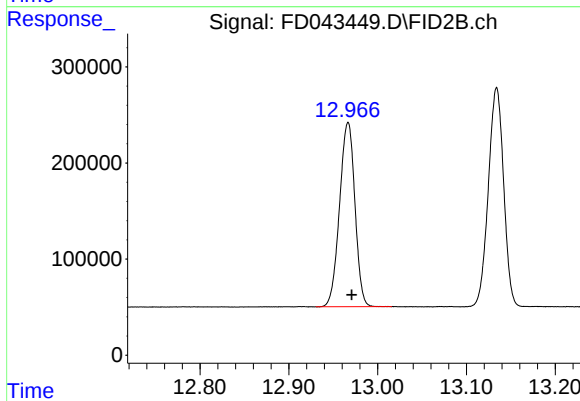
#10 n-Eicosane (C20)

R.T.: 12.524 min
Delta R.T.: -0.005 min
Response: 2736215
Conc: 18.90 ug/ml



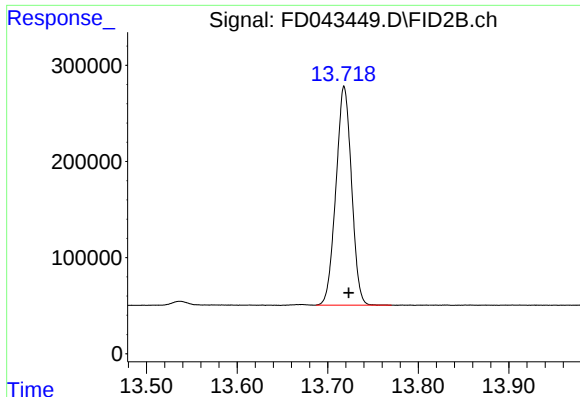
#11 n-Heneicosane (C21)

R.T.: 13.134 min
Delta R.T.: -0.005 min
Response: 2725280
Conc: 18.76 ug/ml



#12 1-chlorooctadecane (SURR)

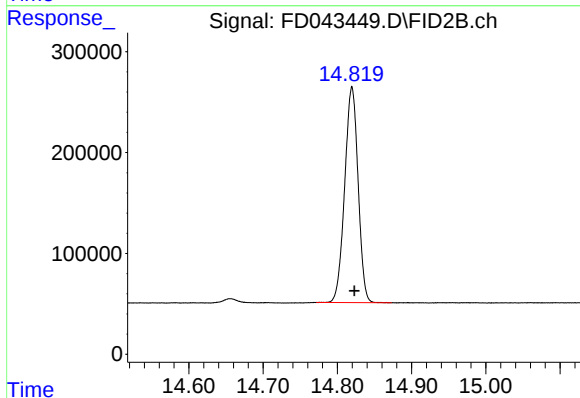
R.T.: 12.967 min
Delta R.T.: -0.004 min
Response: 2305389
Conc: 18.81 ug/ml



#13 n-Docosane (C22)

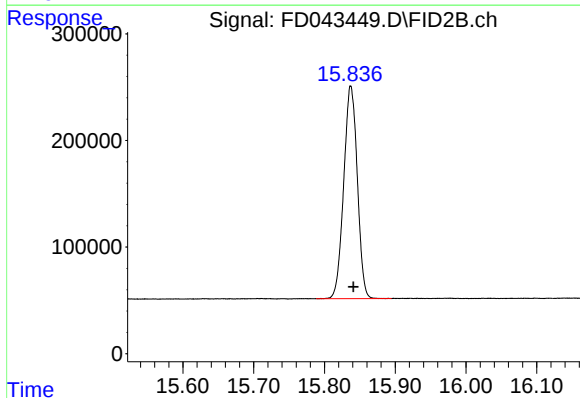
R.T.: 13.718 min
Delta R.T.: -0.005 min
Response: 2721252
Conc: 18.76 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD



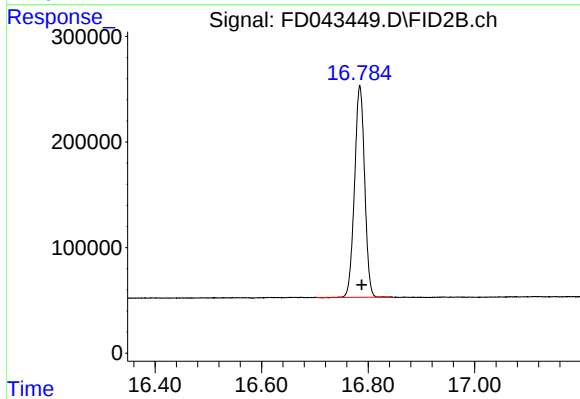
#14 n-Tetracosane (C24)

R.T.: 14.820 min
Delta R.T.: -0.003 min
Response: 2684890
Conc: 18.53 ug/ml



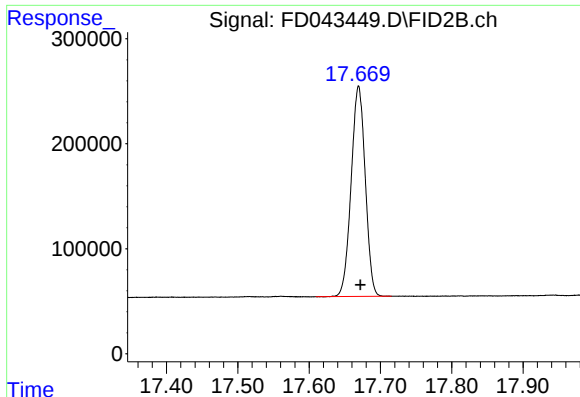
#15 n-Hexacosane (C26)

R.T.: 15.837 min
Delta R.T.: -0.004 min
Response: 2658792
Conc: 18.48 ug/ml



#16 n-Octacosane (C28)

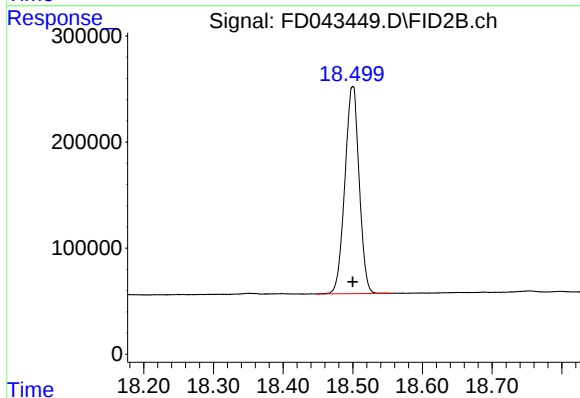
R.T.: 16.785 min
Delta R.T.: -0.003 min
Response: 2634993
Conc: 18.63 ug/ml



#17 n-Tricontane (C30)

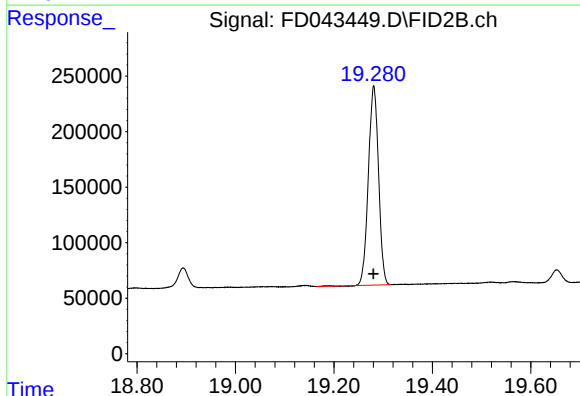
R.T.: 17.669 min
Delta R.T.: -0.003 min
Response: 2754229
Conc: 19.51 ug/ml

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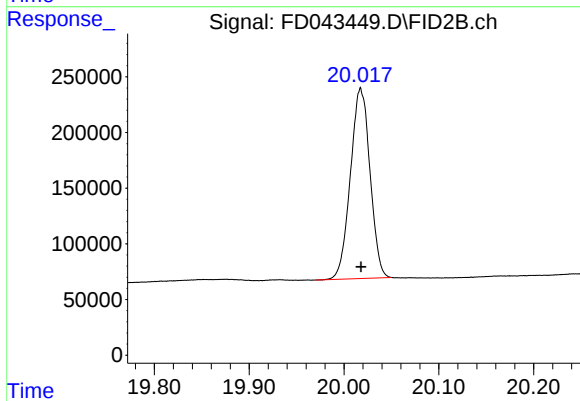
#18 n-Dotriacontane (C32)

R.T.: 18.500 min
Delta R.T.: 0.000 min
Response: 2782646
Conc: 20.12 ug/ml



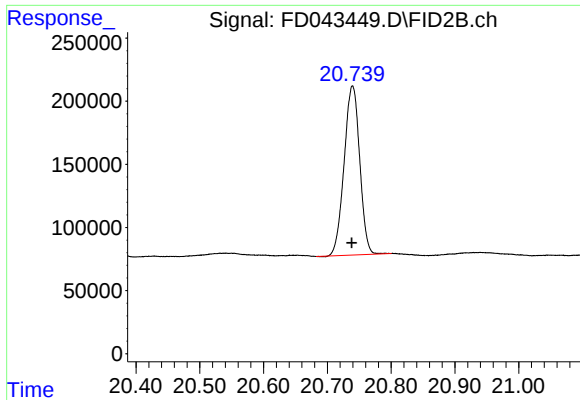
#19 n-Tetratriacontane (C34)

R.T.: 19.281 min
Delta R.T.: 0.000 min
Response: 2573591
Conc: 20.00 ug/ml



#20 n-Hexatriacontane (C36)

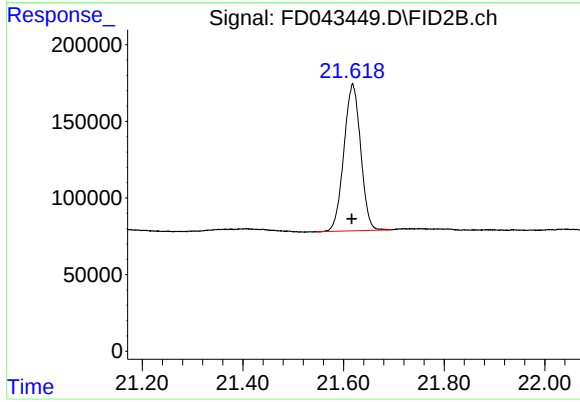
R.T.: 20.017 min
Delta R.T.: 0.000 min
Response: 2454974
Conc: 19.90 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.739 min
Delta R.T.: 0.001 min
Response: 2273475
Conc: 19.23 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.618 min
Delta R.T.: 0.002 min
Response: 2213137
Conc: 19.57 ug/ml