

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF062023AL\
 Data File : FF012929.D
 Signal(s) : FID2B.ch
 Acq On : 20 Jun 2023 15:20
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jun 20 15:42:32 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 062023.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 20 13:45:06 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)	10.875	3165857	21.456 ug/ml
Spiked Amount 50.000		Recovery =	42.91%
12) S 1-chlorooctadecane (S...	12.306	2277497	21.497 ug/ml
Spiked Amount 50.000		Recovery =	42.99%
Target Compounds			
1) T n-Nonane (C9)	2.744	2525988	21.400 ug/ml
2) T n-Decane (C10)	3.752	2563000	21.518 ug/ml
3) T A~Naphthalene (C11.7)	5.317	2693019	21.898 ug/ml
4) T n-Dodecane (C12)	5.736	2599294	21.542 ug/ml
5) T A~2-methylnaphthalene...	6.367	2434909	21.854 ug/ml
6) T n-Tetradecane (C14)	7.523	2538158	21.652 ug/ml
7) T n-Hexadecane (C16)	9.118	2650234	21.722 ug/ml
8) T n-Octadecane (C18)	10.556	2741096	21.560 ug/ml
10) T n-Eicosane (C20)	11.862	2697170	21.616 ug/ml
11) T n-Heneicosane (C21)	12.473	2643005	21.556 ug/ml
13) T n-Docosane (C22)	13.057	2693100	21.982 ug/ml
14) T n-Tetracosane (C24)	14.157	2805290	22.856 ug/ml
15) T n-Hexacosane (C26)	15.176	2790849	23.199 ug/ml
16) T n-Octacosane (C28)	16.122	2814310	23.933 ug/ml
17) T n-Tricontane (C30)	17.008	2870296	24.101 ug/ml
18) T n-Dotriacontane (C32)	17.838	2770870	23.697 ug/ml
19) T n-Tetratriacontane (C34)	18.619	2549566	22.963 ug/ml
20) T n-Hexatriacontane (C36)	19.358	2370332	22.361 ug/ml
21) T n-Octatriacontane (C38)	20.082	2199544	21.049 ug/ml
22) T n-Tetracontane (C40)	20.965	1983879	20.477 ug/ml

(f)=RT Delta > 1/2 Window

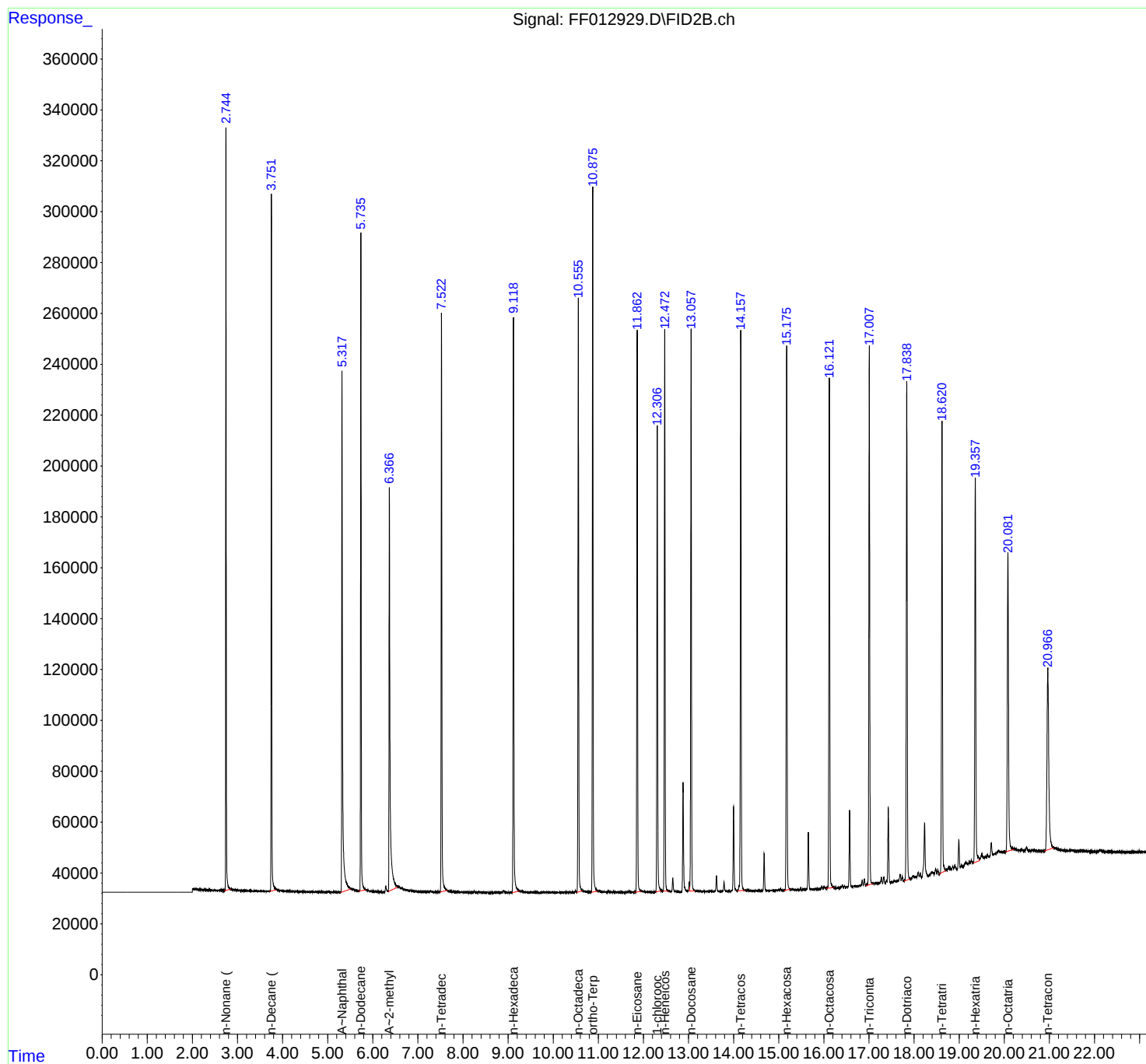
(m)=manual int.

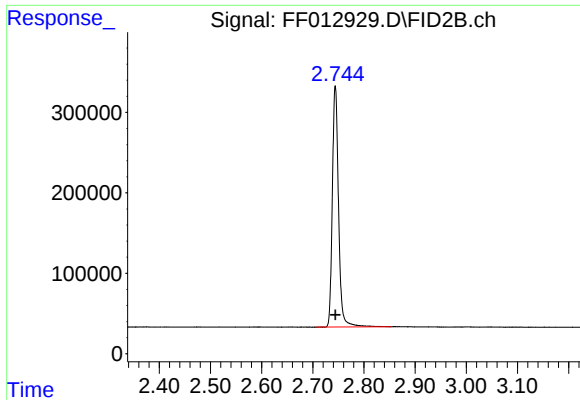
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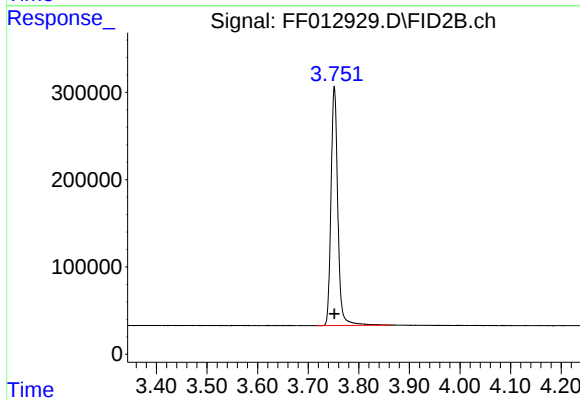




#1 n-Nonane (C9)

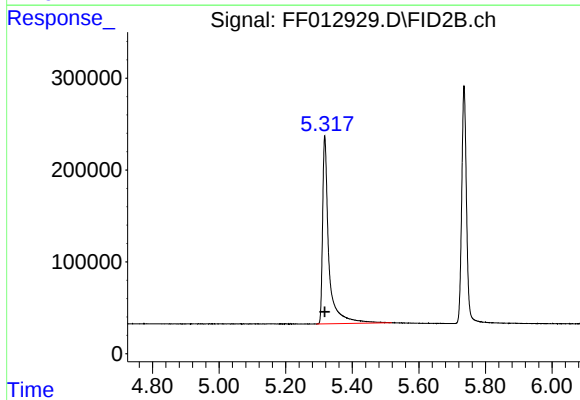
R.T.: 2.744 min
Delta R.T.: 0.000 min
Response: 2525988
Conc: 21.40 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD



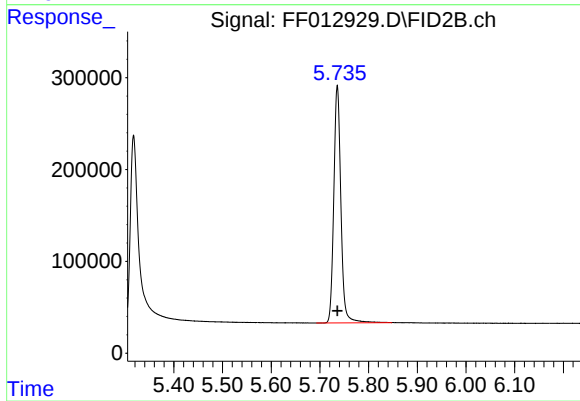
#2 n-Decane (C10)

R.T.: 3.752 min
Delta R.T.: 0.000 min
Response: 2563000
Conc: 21.52 ug/ml



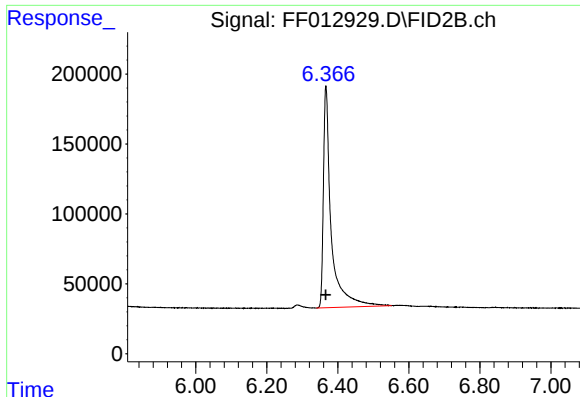
#3 A~Naphthalene (C11.7)

R.T.: 5.317 min
Delta R.T.: 0.000 min
Response: 2693019
Conc: 21.90 ug/ml



#4 n-Dodecane (C12)

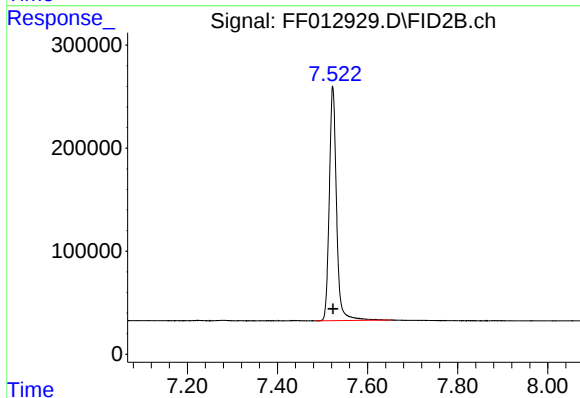
R.T.: 5.736 min
Delta R.T.: 0.000 min
Response: 2599294
Conc: 21.54 ug/ml



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

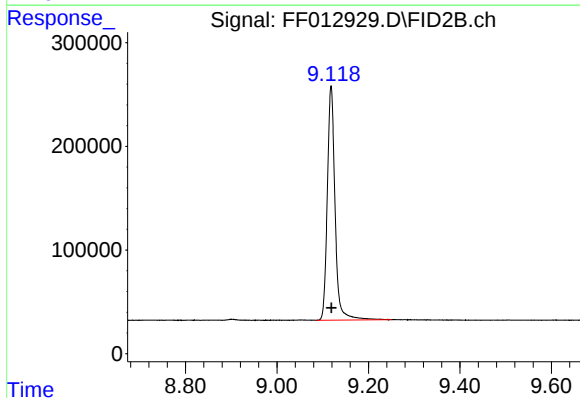
R.T.: 6.367 min
Delta R.T.: 0.000 min
Response: 2434909
Conc: 21.85 ug/ml

Instrument :
FID_F
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20 PPM ALIPHATIC HC STD



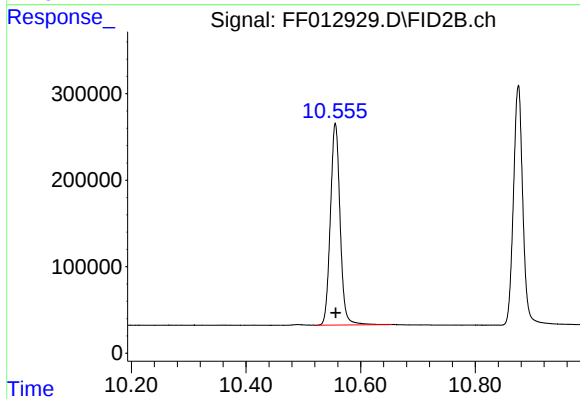
#6 n-Tetradecane (C14)

R.T.: 7.523 min
Delta R.T.: 0.000 min
Response: 2538158
Conc: 21.65 ug/ml



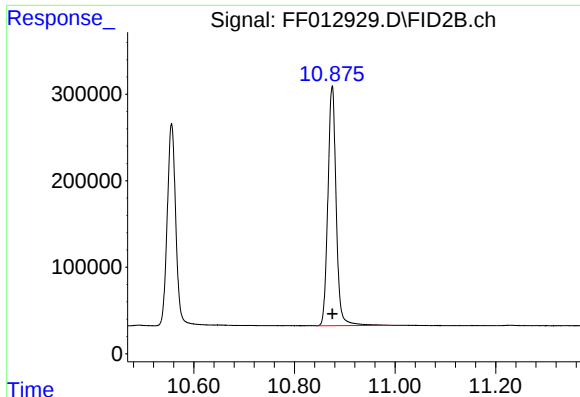
#7 n-Hexadecane (C16)

R.T.: 9.118 min
Delta R.T.: 0.000 min
Response: 2650234
Conc: 21.72 ug/ml



#8 n-Octadecane (C18)

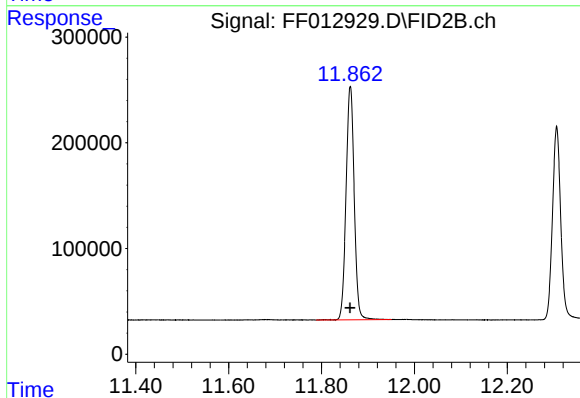
R.T.: 10.556 min
Delta R.T.: 0.000 min
Response: 2741096
Conc: 21.56 ug/ml



#9 ortho-Terphenyl (SURR)

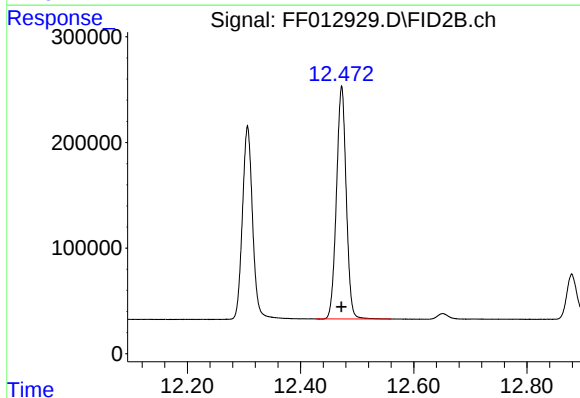
R.T.: 10.875 min
Delta R.T.: 0.000 min
Response: 3165857
Conc: 21.46 ug/ml

Instrument :
FID_F
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20 PPM ALIPHATIC HC STD



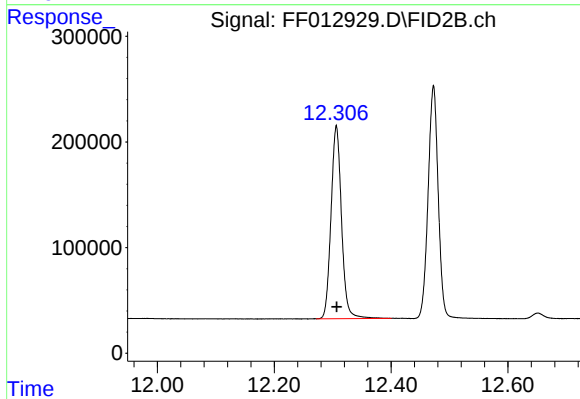
#10 n-Eicosane (C20)

R.T.: 11.862 min
Delta R.T.: 0.000 min
Response: 2697170
Conc: 21.62 ug/ml



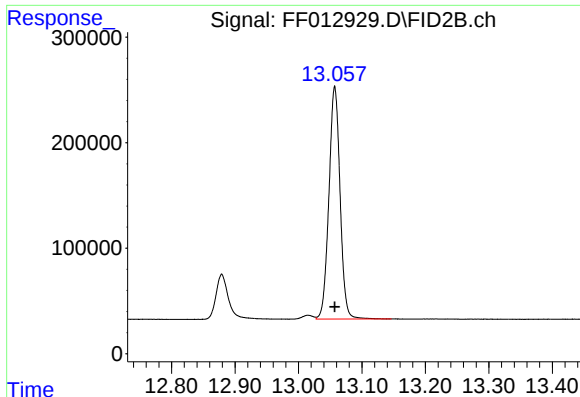
#11 n-Heneicosane (C21)

R.T.: 12.473 min
Delta R.T.: 0.000 min
Response: 2643005
Conc: 21.56 ug/ml



#12 1-chlorooctadecane (SURR)

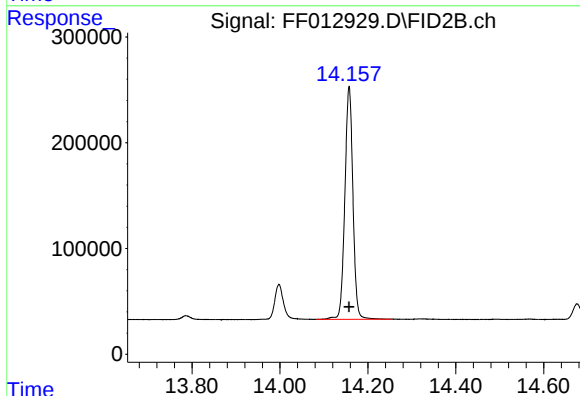
R.T.: 12.306 min
Delta R.T.: 0.000 min
Response: 2277497
Conc: 21.50 ug/ml



#13 n-Docosane (C22)

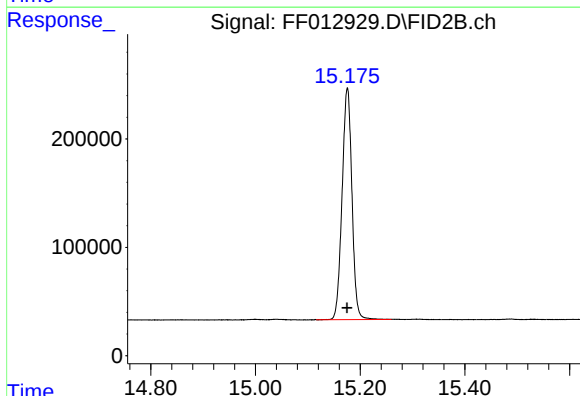
R.T.: 13.057 min
Delta R.T.: 0.000 min
Response: 2693100
Conc: 21.98 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD



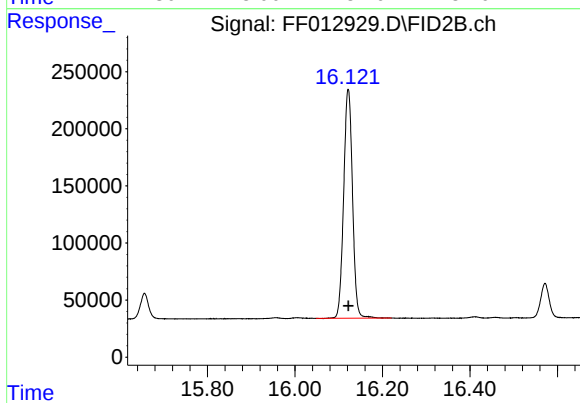
#14 n-Tetracosane (C24)

R.T.: 14.157 min
Delta R.T.: 0.000 min
Response: 2805290
Conc: 22.86 ug/ml



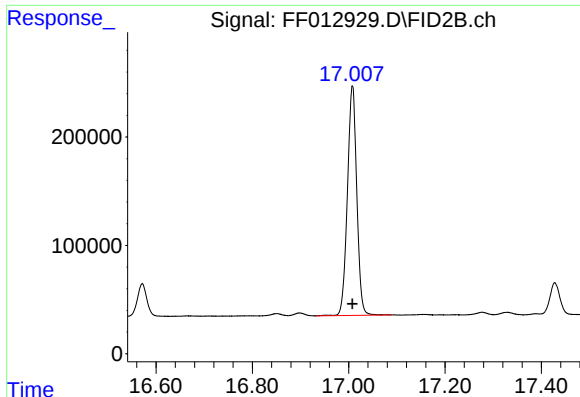
#15 n-Hexacosane (C26)

R.T.: 15.176 min
Delta R.T.: 0.000 min
Response: 2790849
Conc: 23.20 ug/ml



#16 n-Octacosane (C28)

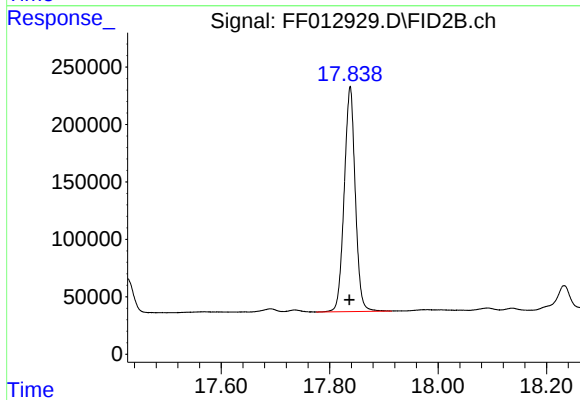
R.T.: 16.122 min
Delta R.T.: 0.000 min
Response: 2814310
Conc: 23.93 ug/ml



#17 n-Tricontane (C30)

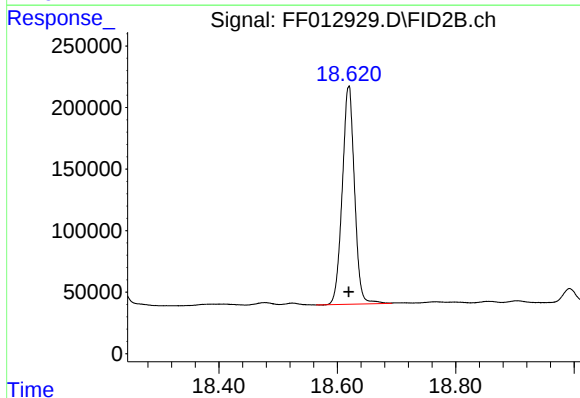
R.T.: 17.008 min
Delta R.T.: 0.000 min
Response: 2870296
Conc: 24.10 ug/ml

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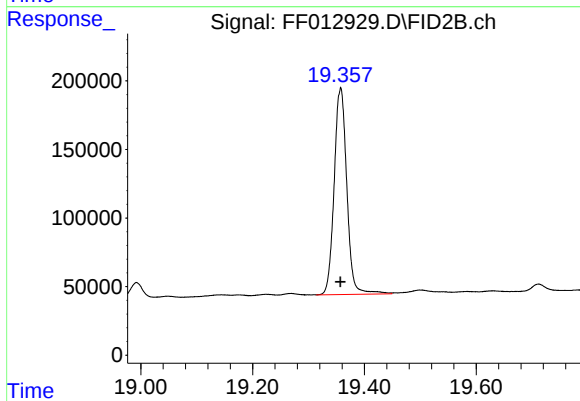
#18 n-Dotriacontane (C32)

R.T.: 17.838 min
Delta R.T.: 0.001 min
Response: 2770870
Conc: 23.70 ug/ml



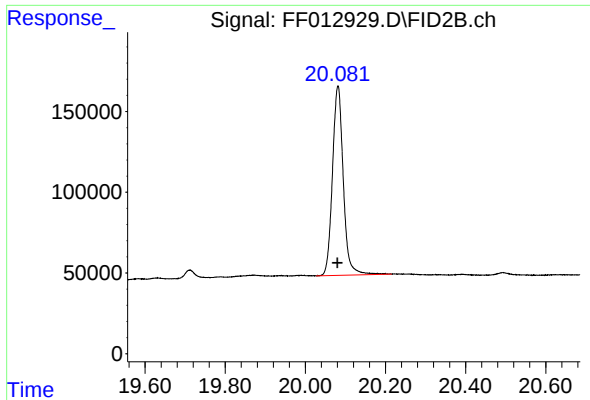
#19 n-Tetratriacontane (C34)

R.T.: 18.619 min
Delta R.T.: 0.000 min
Response: 2549566
Conc: 22.96 ug/ml



#20 n-Hexatriacontane (C36)

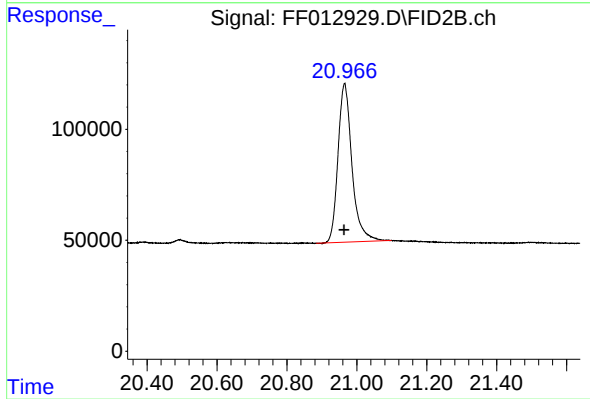
R.T.: 19.358 min
Delta R.T.: 0.000 min
Response: 2370332
Conc: 22.36 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.082 min
Delta R.T.: 0.001 min
Response: 2199544
Conc: 21.05 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.965 min
Delta R.T.: 0.002 min
Response: 1983879
Conc: 20.48 ug/ml