

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF082222AL\
 Data File : FF011292.D
 Signal(s) : FID2B.ch
 Acq On : 22 Aug 2022 22:39
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Aug 23 03:06:18 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH -FF082222.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 23 03:03:53 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)	10.695	2663133	19.892 ug/ml
Spiked Amount 50.000		Recovery =	39.78%
12) S 1-chlorooctadecane (S...	12.137	2065806	19.929 ug/ml
Spiked Amount 50.000		Recovery =	39.86%
Target Compounds			
1) T n-Nonane (C9)	2.597	2488822	19.905 ug/ml
2) T n-Decane (C10)	3.592	2488207	20.020 ug/ml
3) T A~Naphthalene (C11.7)	5.135	2653609	20.063 ug/ml
4) T n-Dodecane (C12)	5.570	2518297	20.001 ug/ml
5) T A~2-methylnaphthalene...	6.180	2609901	20.286 ug/ml
6) T n-Tetradecane (C14)	7.356	2497343	19.935 ug/ml
7) T n-Hexadecane (C16)	8.951	2464432	19.968 ug/ml
8) T n-Octadecane (C18)	10.389	2465797	19.933 ug/ml
10) T n-Eicosane (C20)	11.695	2393895	19.907 ug/ml
11) T n-Heneicosane (C21)	12.307	2374958	19.881 ug/ml
13) T n-Docosane (C22)	12.892	2334001	19.909 ug/ml
14) T n-Tetracosane (C24)	13.993	2290195	19.866 ug/ml
15) T n-Hexacosane (C26)	15.012	2218386	19.934 ug/ml
16) T n-Octacosane (C28)	15.960	2181157	19.967 ug/ml
17) T n-Tricontane (C30)	16.845	2062320	19.936 ug/ml
18) T n-Dotriacontane (C32)	17.675	1683413	19.899 ug/ml
19) T n-Tetratriacontane (C34)	18.457	1231302	19.894 ug/ml
20) T n-Hexatriacontane (C36)	19.193	934134	19.958 ug/ml
21) T n-Octatriacontane (C38)	19.897	783722	19.502 ug/ml
22) T n-Tetracontane (C40)	20.713	715778	18.687 ug/ml

(f)=RT Delta > 1/2 Window

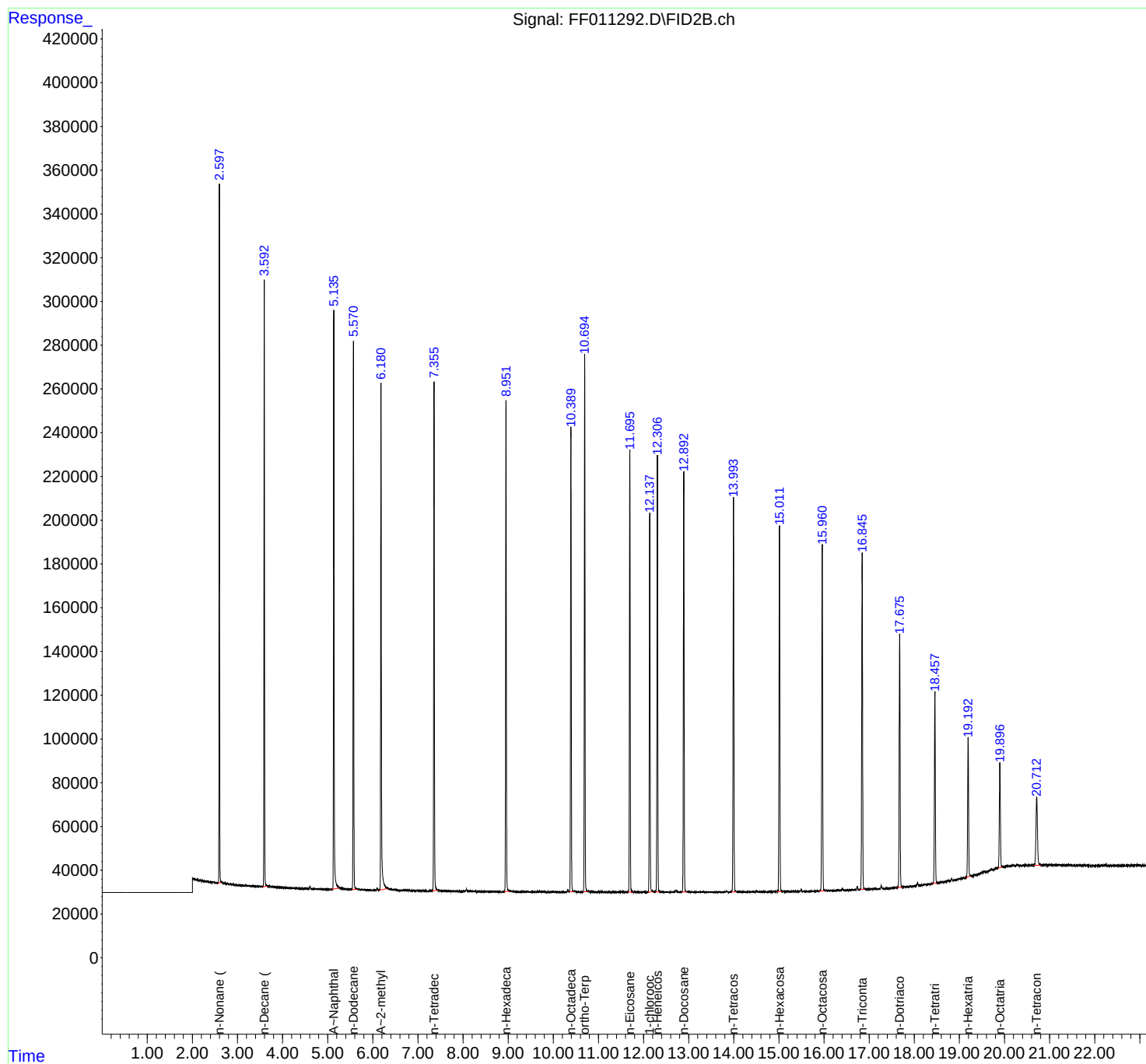
(m)=manual int.

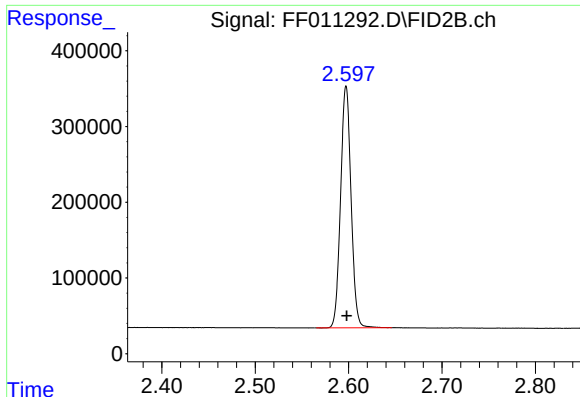
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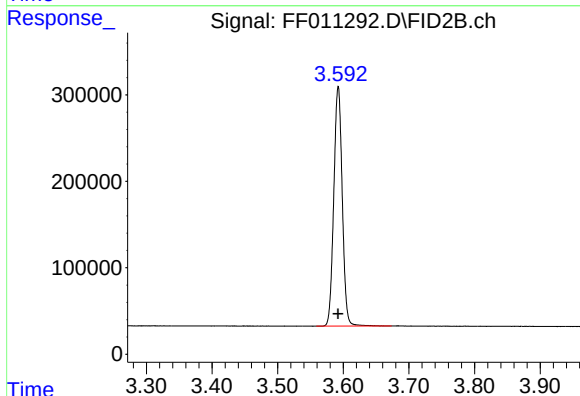




#1 n-Nonane (C9)

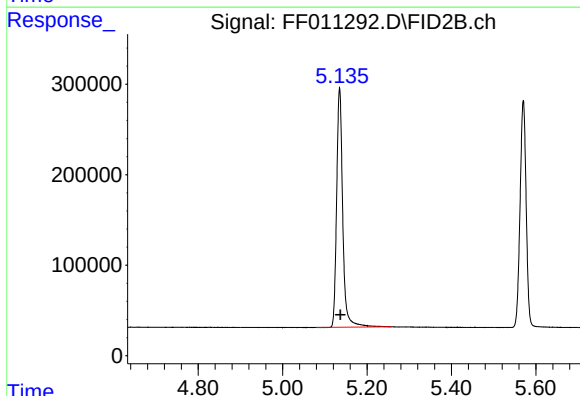
R.T.: 2.597 min
Delta R.T.: 0.000 min
Response: 2488822
Conc: 19.91 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD



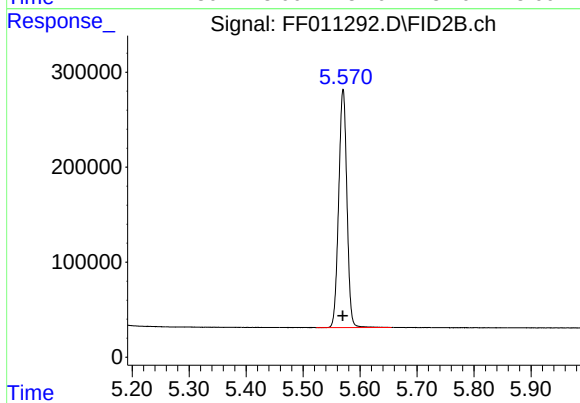
#2 n-Decane (C10)

R.T.: 3.592 min
Delta R.T.: 0.000 min
Response: 2488207
Conc: 20.02 ug/ml



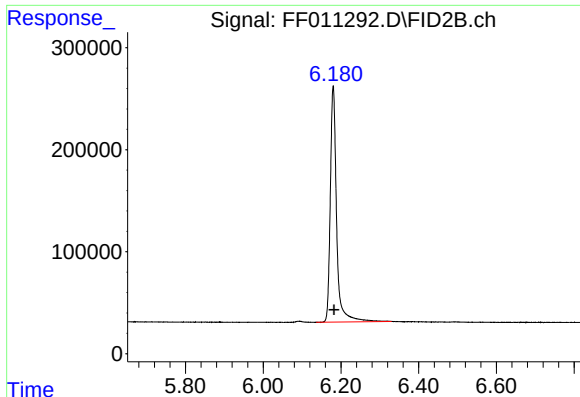
#3 A~Naphthalene (C11.7)

R.T.: 5.135 min
Delta R.T.: -0.002 min
Response: 2653609
Conc: 20.06 ug/ml



#4 n-Dodecane (C12)

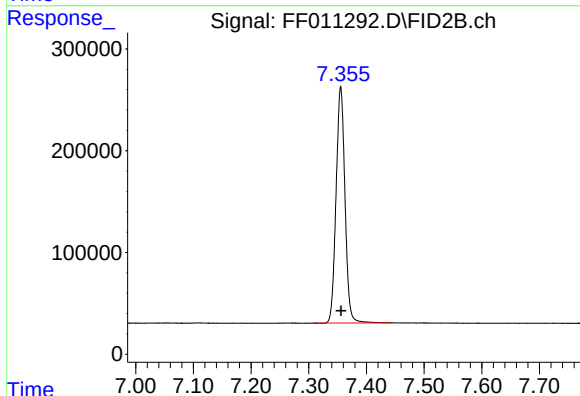
R.T.: 5.570 min
Delta R.T.: 0.000 min
Response: 2518297
Conc: 20.00 ug/ml



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

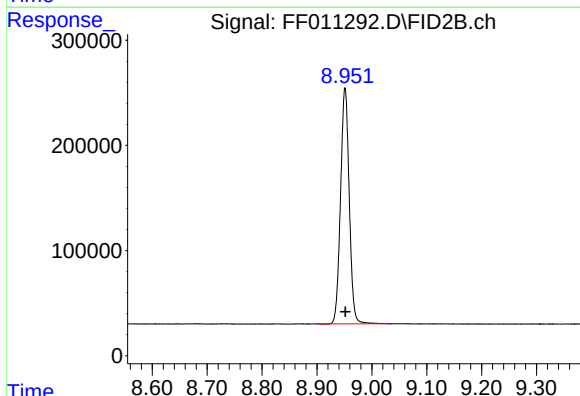
R.T.: 6.180 min
Delta R.T.: -0.002 min
Response: 2609901
Conc: 20.29 ug/ml

Instrument :
FID_F
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20 PPM ALIPHATIC HC STD



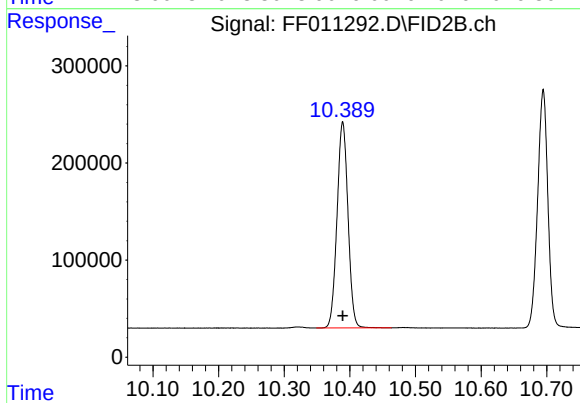
#6 n-Tetradecane (C14)

R.T.: 7.356 min
Delta R.T.: 0.000 min
Response: 2497343
Conc: 19.93 ug/ml



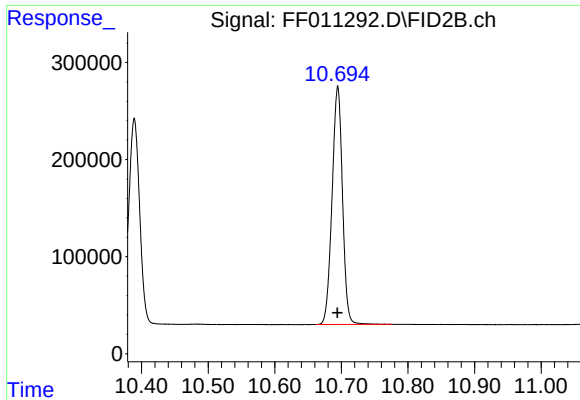
#7 n-Hexadecane (C16)

R.T.: 8.951 min
Delta R.T.: 0.000 min
Response: 2464432
Conc: 19.97 ug/ml



#8 n-Octadecane (C18)

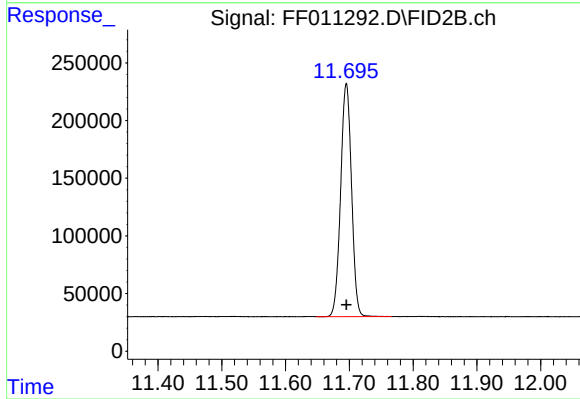
R.T.: 10.389 min
Delta R.T.: 0.000 min
Response: 2465797
Conc: 19.93 ug/ml



#9 ortho-Terphenyl (SURR)

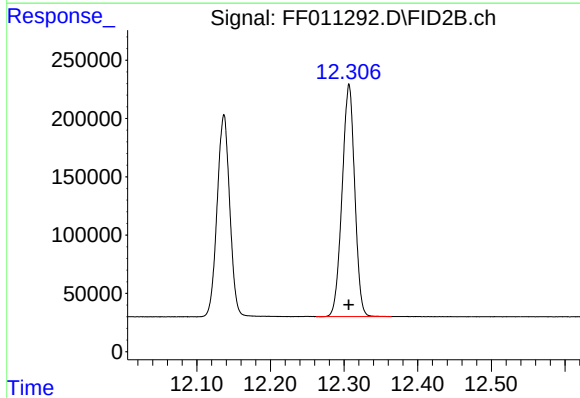
R.T.: 10.695 min
Delta R.T.: 0.000 min
Response: 2663133
Conc: 19.89 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD



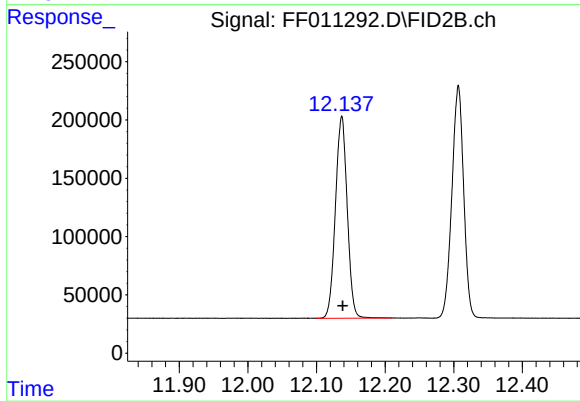
#10 n-Eicosane (C20)

R.T.: 11.695 min
Delta R.T.: 0.000 min
Response: 2393895
Conc: 19.91 ug/ml



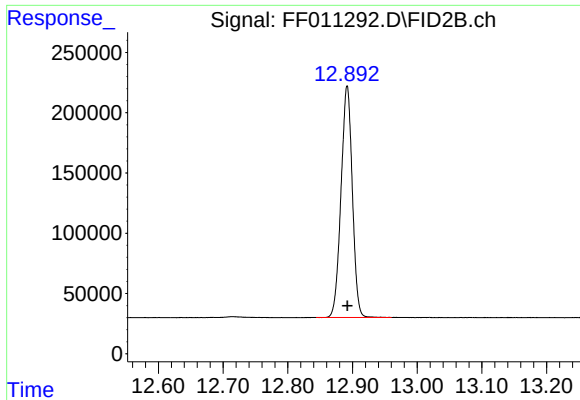
#11 n-Heneicosane (C21)

R.T.: 12.307 min
Delta R.T.: 0.000 min
Response: 2374958
Conc: 19.88 ug/ml



#12 1-chlorooctadecane (SURR)

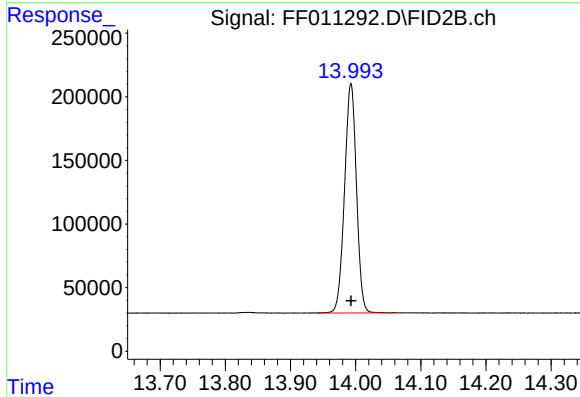
R.T.: 12.137 min
Delta R.T.: -0.002 min
Response: 2065806
Conc: 19.93 ug/ml



#13 n-Docosane (C22)

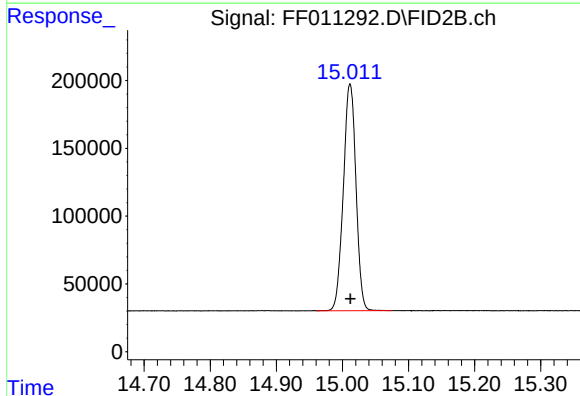
R.T.: 12.892 min
Delta R.T.: 0.000 min
Response: 2334001
Conc: 19.91 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD



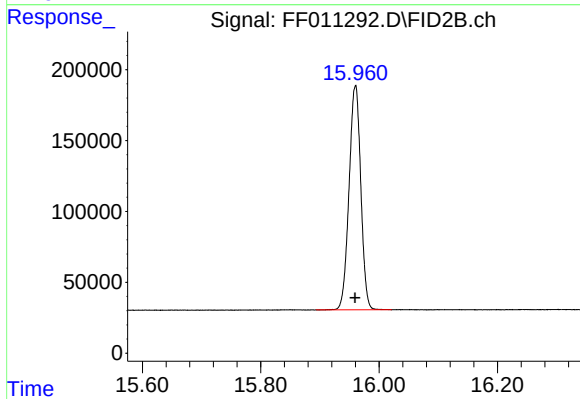
#14 n-Tetracosane (C24)

R.T.: 13.993 min
Delta R.T.: 0.000 min
Response: 2290195
Conc: 19.87 ug/ml



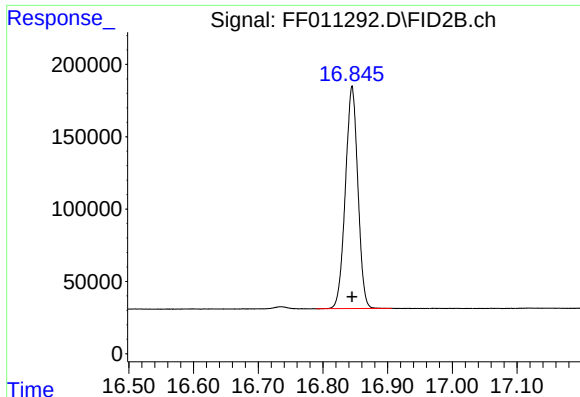
#15 n-Hexacosane (C26)

R.T.: 15.012 min
Delta R.T.: 0.000 min
Response: 2218386
Conc: 19.93 ug/ml



#16 n-Octacosane (C28)

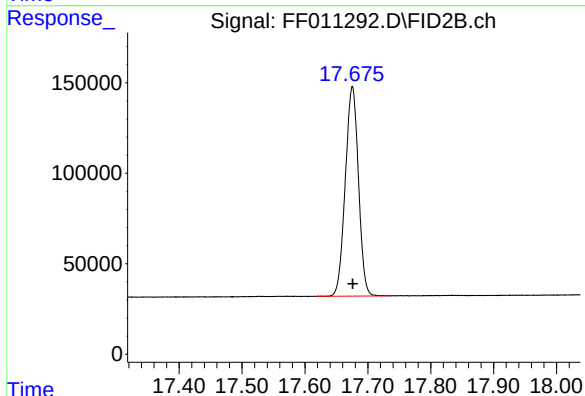
R.T.: 15.960 min
Delta R.T.: 0.000 min
Response: 2181157
Conc: 19.97 ug/ml



#17 n-Tricontane (C30)

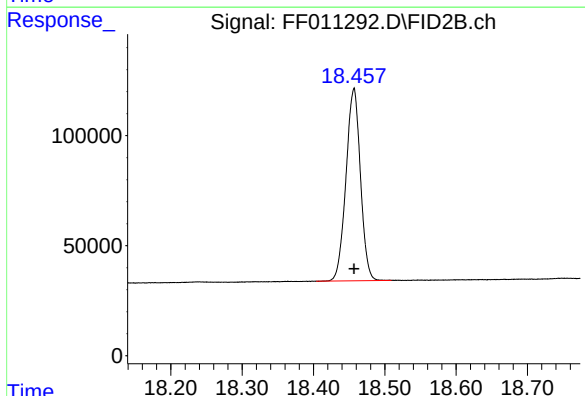
R.T.: 16.845 min
Delta R.T.: 0.000 min
Response: 2062320
Conc: 19.94 ug/ml

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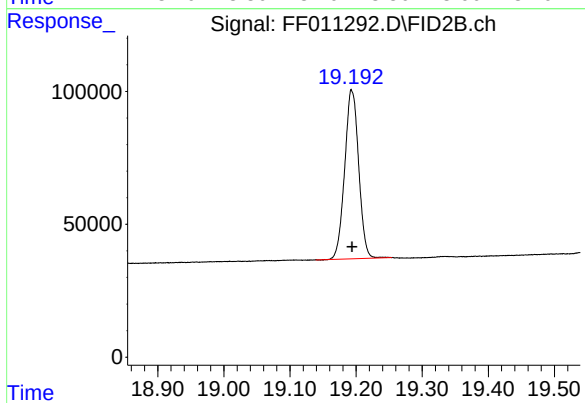
#18 n-Dotriacontane (C32)

R.T.: 17.675 min
Delta R.T.: 0.000 min
Response: 1683413
Conc: 19.90 ug/ml



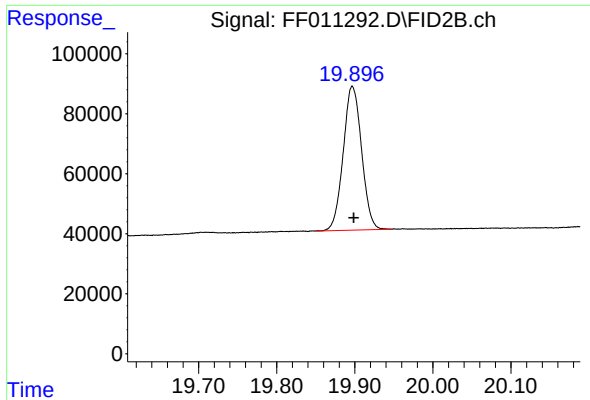
#19 n-Tetratriacontane (C34)

R.T.: 18.457 min
Delta R.T.: 0.000 min
Response: 1231302
Conc: 19.89 ug/ml



#20 n-Hexatriacontane (C36)

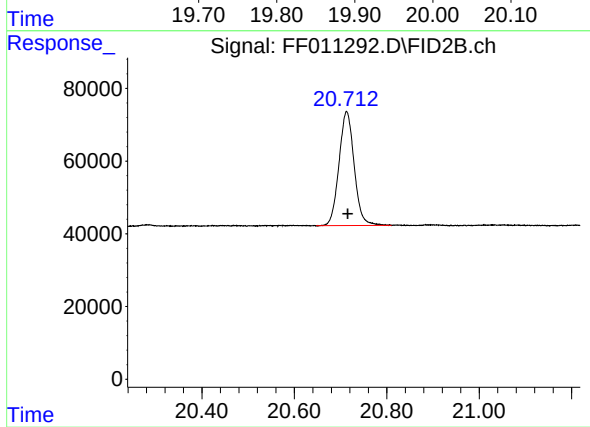
R.T.: 19.193 min
Delta R.T.: 0.000 min
Response: 934134
Conc: 19.96 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.897 min
Delta R.T.: -0.002 min
Response: 783722
Conc: 19.50 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.713 min
Delta R.T.: -0.002 min
Response: 715778
Conc: 18.69 ug/ml