

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC070124AL\
 Data File : FC066698.D
 Signal(s) : FID1A.ch
 Acq On : 01 Jul 2024 12:09
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 100 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jul 02 03:10:26 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061724.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 17 13:44:39 2024
 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)	11.532	3495840	20.267 ug/ml
Spiked Amount 50.000		Recovery =	40.53%
12) S 1-chlorooctadecane (S...	12.971	2614793	18.950 ug/ml
Spiked Amount 50.000		Recovery =	37.90%
Target Compounds			
1) T n-Nonane (C9)	3.292	3094115	21.296 ug/ml
2) T n-Decane (C10)	4.359	3282803	22.008 ug/ml
3) T A~Naphthalene (C11.7)	5.943	3561442	21.935 ug/ml
4) T n-Dodecane (C12)	6.379	3294869	21.740 ug/ml
5) T A~2-methylnaphthalene...	7.000	3434089	21.616 ug/ml
6) T n-Tetradecane (C14)	8.175	3225963	21.267 ug/ml
7) T n-Hexadecane (C16)	9.775	3292095	20.552 ug/ml
8) T n-Octadecane (C18)	11.218	3299568	19.886 ug/ml
10) T n-Eicosane (C20)	12.527	3142451	19.330 ug/ml
11) T n-Heneicosane (C21)	13.139	3074893	19.084 ug/ml
13) T n-Docosane (C22)	13.725	3062896	19.105 ug/ml
14) T n-Tetracosane (C24)	14.829	3029337	19.087 ug/ml
15) T n-Hexacosane (C26)	15.849	2960489	19.388 ug/ml
16) T n-Octacosane (C28)	16.799	2942233	20.397 ug/ml
17) T n-Tricontane (C30)	17.686	3078240	22.033 ug/ml
18) T n-Dotriacontane (C32)	18.518	3028867	22.951 ug/ml
19) T n-Tetratriacontane (C34)	19.302	2810189	22.722 ug/ml
20) T n-Hexatriacontane (C36)	20.043	2580667	21.413 ug/ml
21) T n-Octatriacontane (C38)	20.773	2495453	21.823 ug/ml
22) T n-Tetracontane (C40)	21.672	2280202	20.303 ug/ml

(f)=RT Delta > 1/2 Window

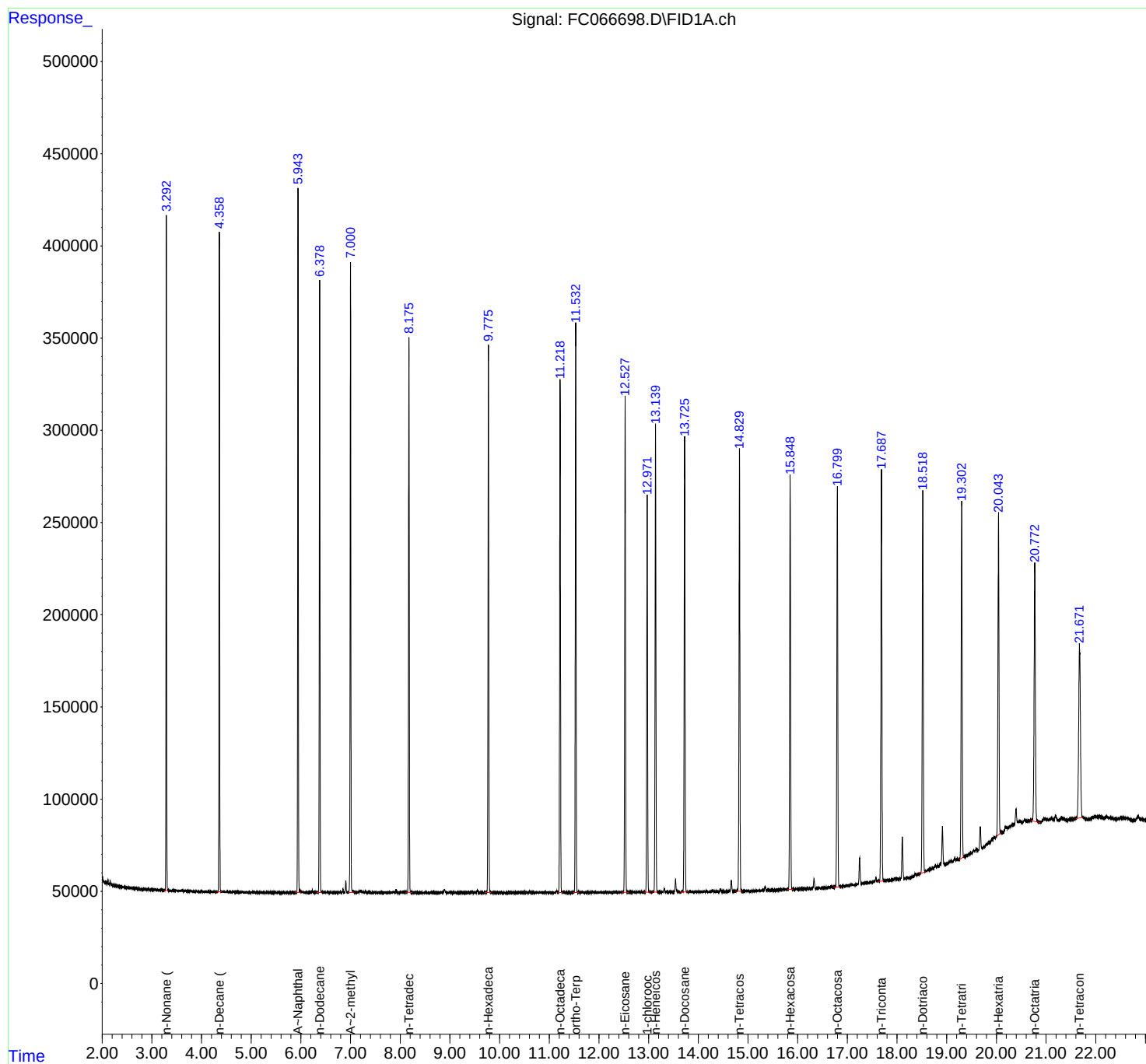
(m)=manual int.

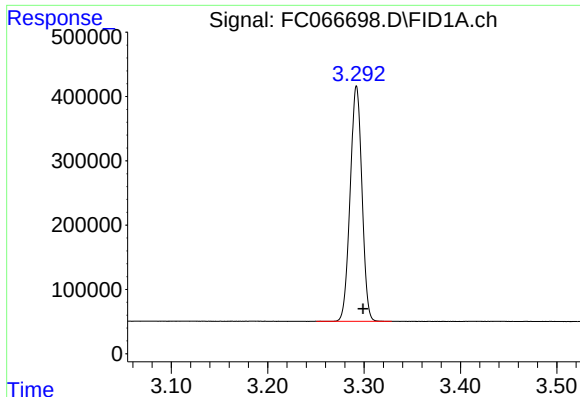
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC070124AL\
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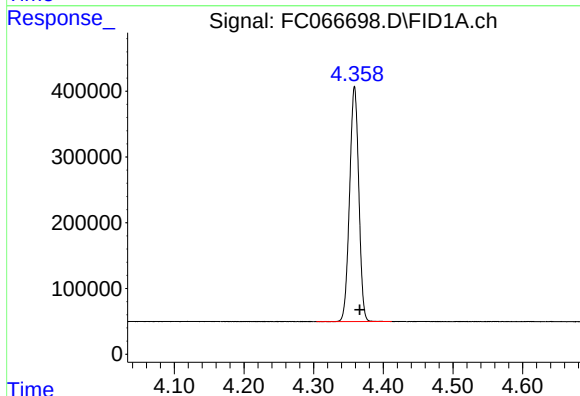




#1 n-Nonane (C9)

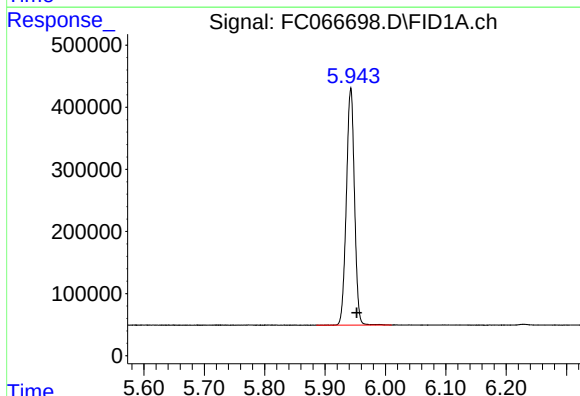
R.T.: 3.292 min
Delta R.T.: -0.007 min
Response: 3094115
Conc: 21.30 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



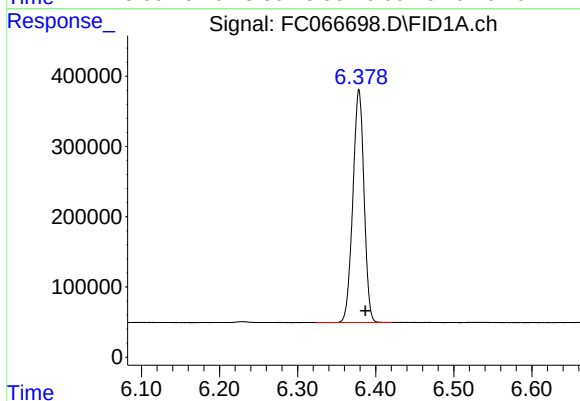
#2 n-Decane (C10)

R.T.: 4.359 min
Delta R.T.: -0.007 min
Response: 3282803
Conc: 22.01 ug/ml



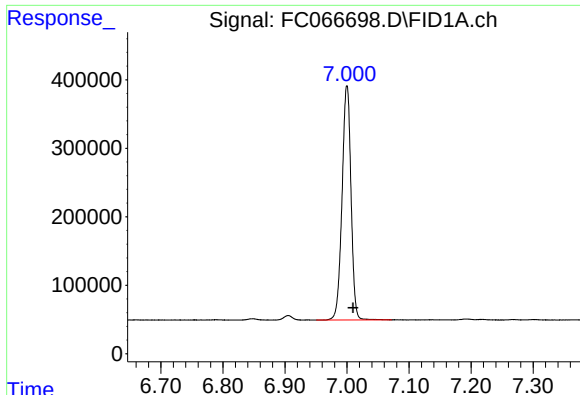
#3 A~Naphthalene (C11.7)

R.T.: 5.943 min
Delta R.T.: -0.010 min
Response: 3561442
Conc: 21.94 ug/ml



#4 n-Dodecane (C12)

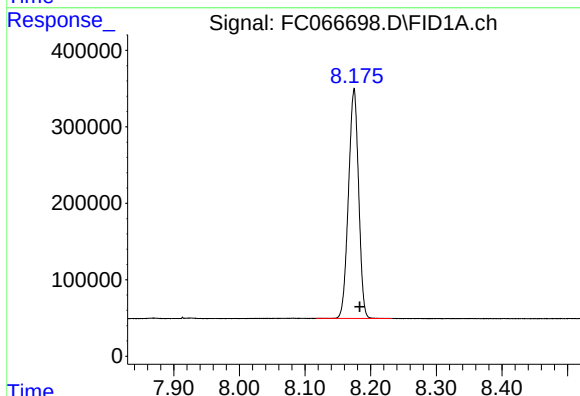
R.T.: 6.379 min
Delta R.T.: -0.008 min
Response: 3294869
Conc: 21.74 ug/ml



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

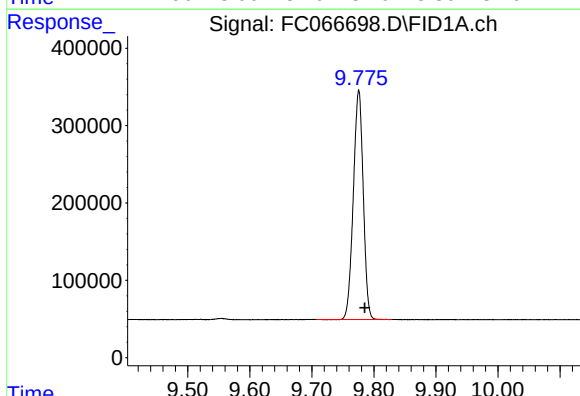
R.T.: 7.000 min
Delta R.T.: -0.010 min
Response: 3434089
Conc: 21.62 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



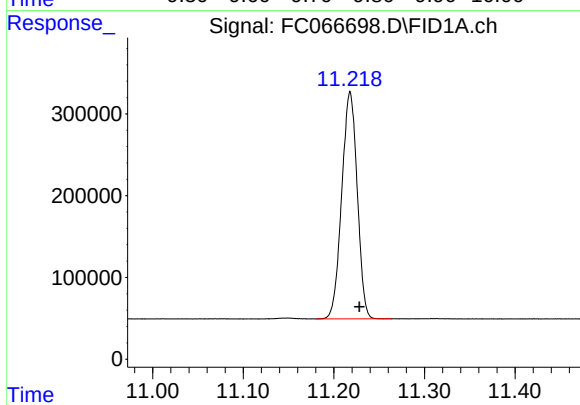
#6 n-Tetradecane (C14)

R.T.: 8.175 min
Delta R.T.: -0.009 min
Response: 3225963
Conc: 21.27 ug/ml



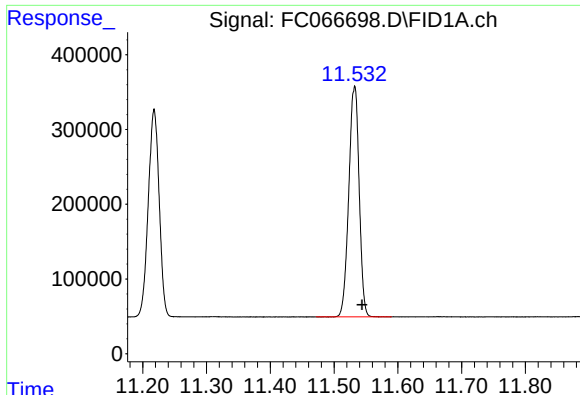
#7 n-Hexadecane (C16)

R.T.: 9.775 min
Delta R.T.: -0.010 min
Response: 3292095
Conc: 20.55 ug/ml



#8 n-Octadecane (C18)

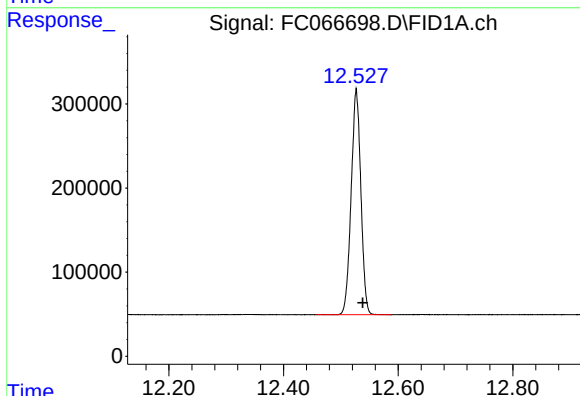
R.T.: 11.218 min
Delta R.T.: -0.010 min
Response: 3299568
Conc: 19.89 ug/ml



#9 ortho-Terphenyl (SURR)

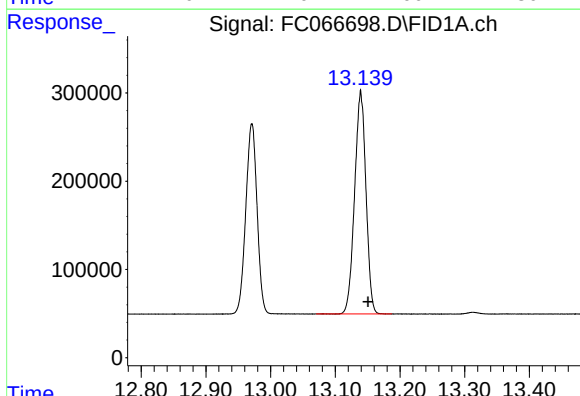
R.T.: 11.532 min
Delta R.T.: -0.012 min
Response: 3495840
Conc: 20.27 ug/ml

Instrument :
FID_C
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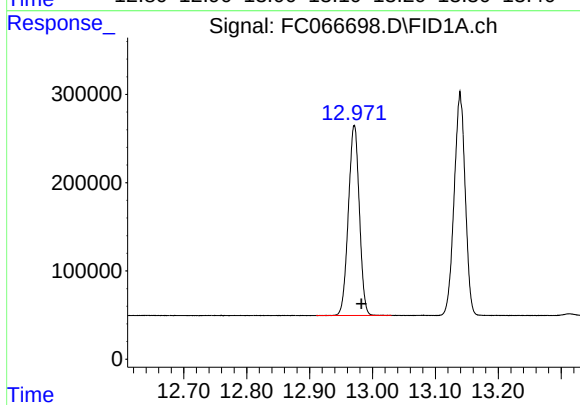
#10 n-Eicosane (C20)

R.T.: 12.527 min
Delta R.T.: -0.011 min
Response: 3142451
Conc: 19.33 ug/ml



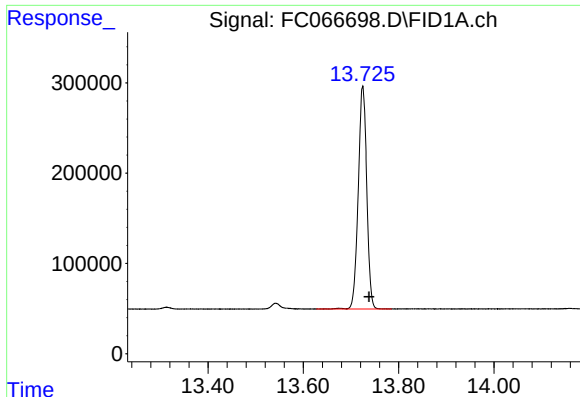
#11 n-Heneicosane (C21)

R.T.: 13.139 min
Delta R.T.: -0.011 min
Response: 3074893
Conc: 19.08 ug/ml



#12 1-chlorooctadecane (SURR)

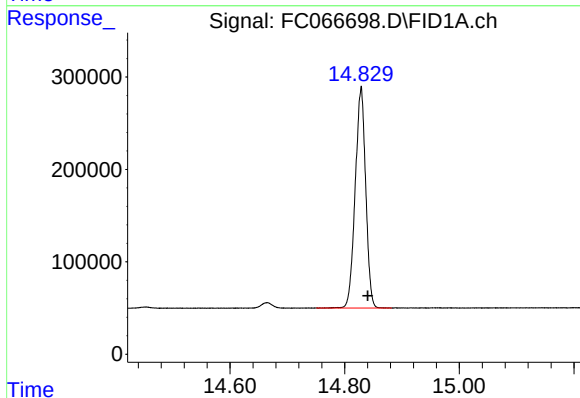
R.T.: 12.971 min
Delta R.T.: -0.012 min
Response: 2614793
Conc: 18.95 ug/ml



#13 n-Docosane (C22)

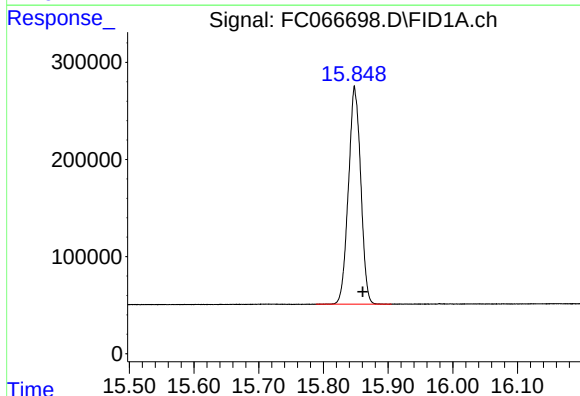
R.T.: 13.725 min
Delta R.T.: -0.013 min
Response: 3062896
Conc: 19.10 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



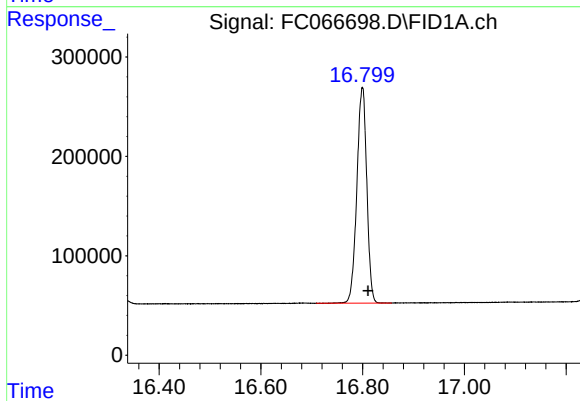
#14 n-Tetracosane (C24)

R.T.: 14.829 min
Delta R.T.: -0.012 min
Response: 3029337
Conc: 19.09 ug/ml



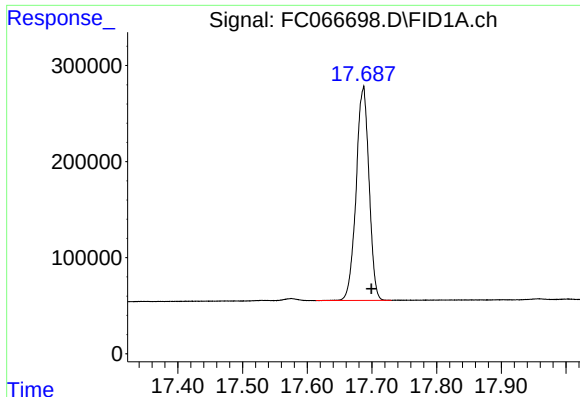
#15 n-Hexacosane (C26)

R.T.: 15.849 min
Delta R.T.: -0.012 min
Response: 2960489
Conc: 19.39 ug/ml



#16 n-Octacosane (C28)

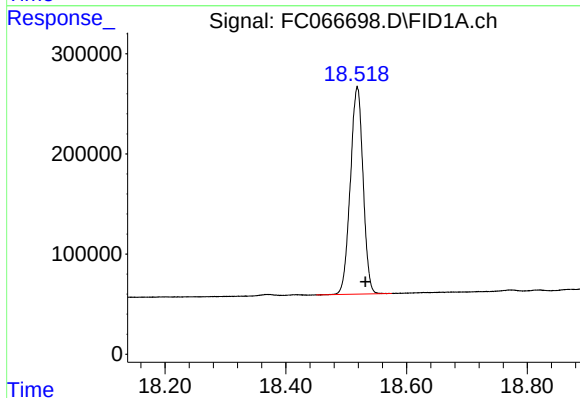
R.T.: 16.799 min
Delta R.T.: -0.011 min
Response: 2942233
Conc: 20.40 ug/ml



#17 n-Tricontane (C30)

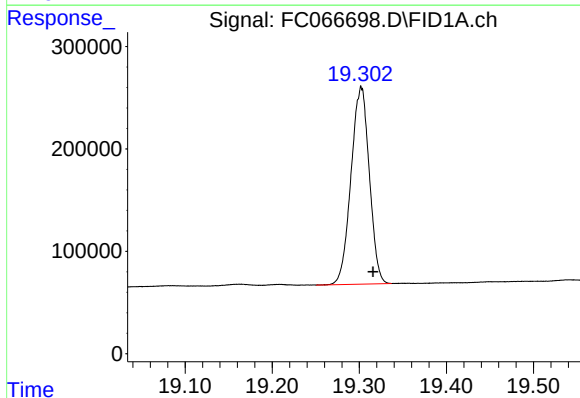
R.T.: 17.686 min
Delta R.T.: -0.013 min
Response: 3078240
Conc: 22.03 ug/ml

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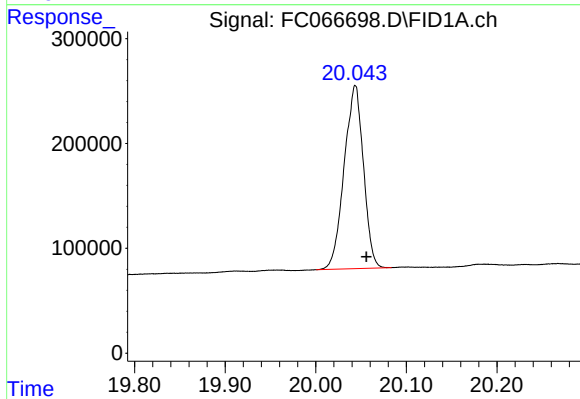
#18 n-Dotriacontane (C32)

R.T.: 18.518 min
Delta R.T.: -0.014 min
Response: 3028867
Conc: 22.95 ug/ml



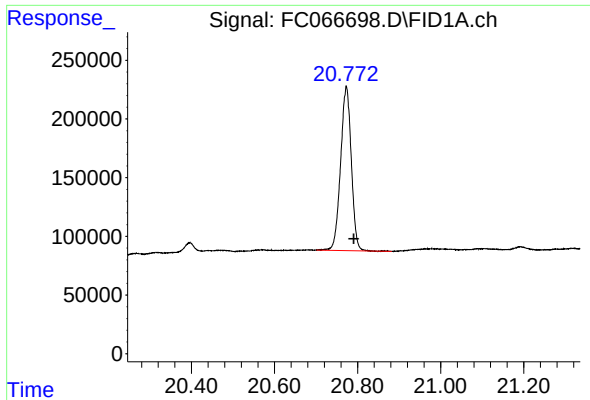
#19 n-Tetratriacontane (C34)

R.T.: 19.302 min
Delta R.T.: -0.014 min
Response: 2810189
Conc: 22.72 ug/ml



#20 n-Hexatriacontane (C36)

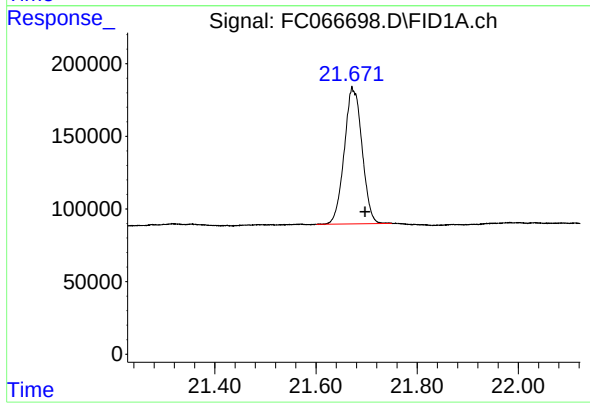
R.T.: 20.043 min
Delta R.T.: -0.013 min
Response: 2580667
Conc: 21.41 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.773 min
Delta R.T.: -0.018 min
Response: 2495453
Conc: 21.82 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.672 min
Delta R.T.: -0.025 min
Response: 2280202
Conc: 20.30 ug/ml