

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC010423AL\
 Data File : FC062560.D
 Signal(s) : FID1A.ch
 Acq On : 04 Jan 2023 09:37
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jan 05 04:20:38 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 120722.M
 Quant Title : GC Extractables
 QLast Update : Thu Dec 08 01:05:24 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)	11.557	2919883	20.699 ug/ml
Spiked Amount 50.000		Recovery =	41.40%
12) S 1-chlorooctadecane (S...	12.996	2183398	20.485 ug/ml
Spiked Amount 50.000		Recovery =	40.97%
Target Compounds			
1) T n-Nonane (C9)	3.317	2745297	21.345 ug/ml
2) T n-Decane (C10)	4.383	2682516	21.564 ug/ml
3) T A~Naphthalene (C11.7)	5.967	3044643	21.456 ug/ml
4) T n-Dodecane (C12)	6.404	2684510	21.432 ug/ml
5) T A~2-methylnaphthalene...	7.026	2835693	22.054 ug/ml
6) T n-Tetradecane (C14)	8.200	2660192	21.843 ug/ml
7) T n-Hexadecane (C16)	9.801	2674204	21.306 ug/ml
8) T n-Octadecane (C18)	11.243	2677077	20.955 ug/ml
10) T n-Eicosane (C20)	12.552	2551521	20.512 ug/ml
11) T n-Heneicosane (C21)	13.164	2532166	20.491 ug/ml
13) T n-Docosane (C22)	13.750	2464259	20.286 ug/ml
14) T n-Tetracosane (C24)	14.850	2411085	20.115 ug/ml
15) T n-Hexacosane (C26)	15.869	2328212	20.042 ug/ml
16) T n-Octacosane (C28)	16.819	2284494	20.100 ug/ml
17) T n-Tricontane (C30)	17.704	2268133	20.287 ug/ml
18) T n-Dotriacontane (C32)	18.536	2291625	20.623 ug/ml
19) T n-Tetratriacontane (C34)	19.317	2264284	20.930 ug/ml
20) T n-Hexatriacontane (C36)	20.055	2201404	21.684 ug/ml
21) T n-Octatriacontane (C38)	20.786	2175043	21.260 ug/ml
22) T n-Tetracontane (C40)	21.696	2213784	21.844 ug/ml

(f)=RT Delta > 1/2 Window

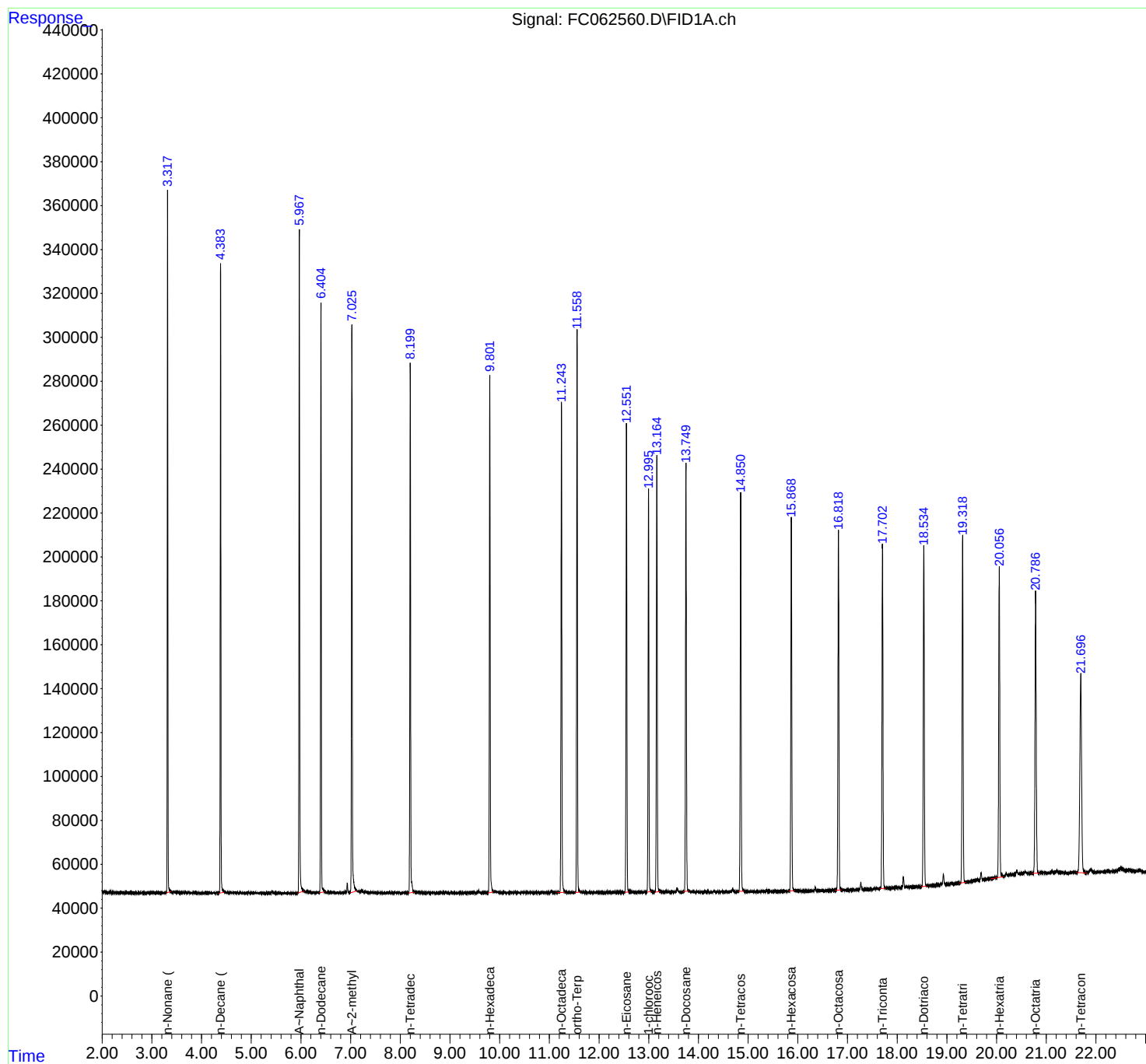
(m)=manual int.

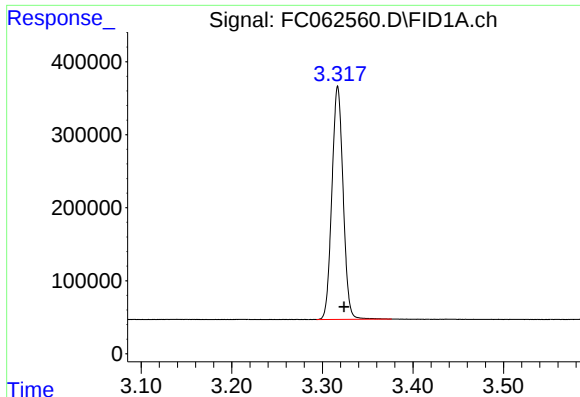
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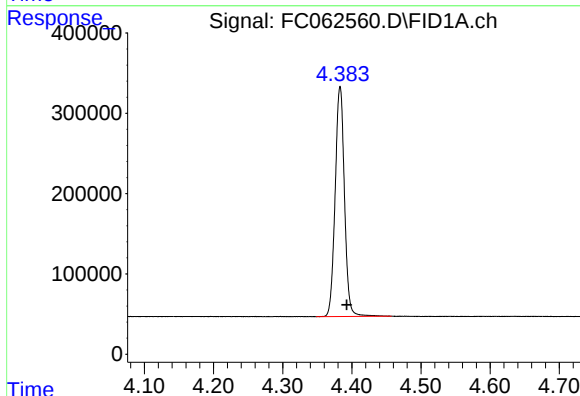




#1 n-Nonane (C9)

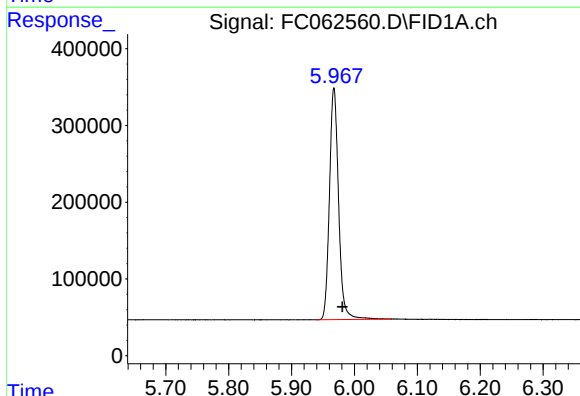
R.T.: 3.317 min
Delta R.T.: -0.007 min
Response: 2745297
Conc: 21.35 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



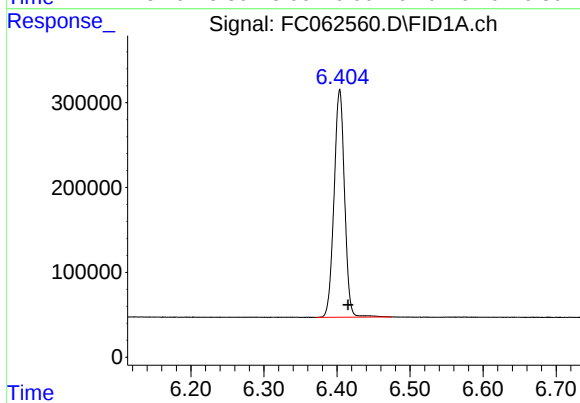
#2 n-Decane (C10)

R.T.: 4.383 min
Delta R.T.: -0.010 min
Response: 2682516
Conc: 21.56 ug/ml



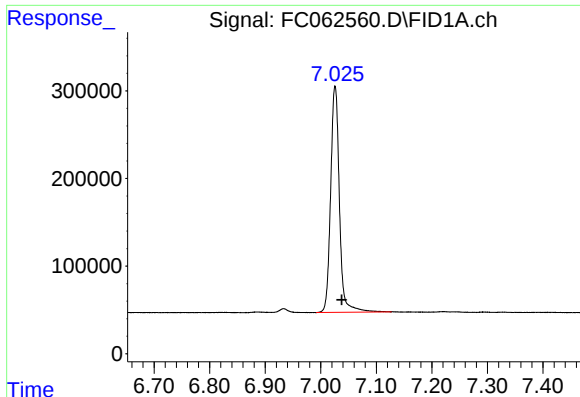
#3 A~Naphthalene (C11.7)

R.T.: 5.967 min
Delta R.T.: -0.013 min
Response: 3044643
Conc: 21.46 ug/ml



#4 n-Dodecane (C12)

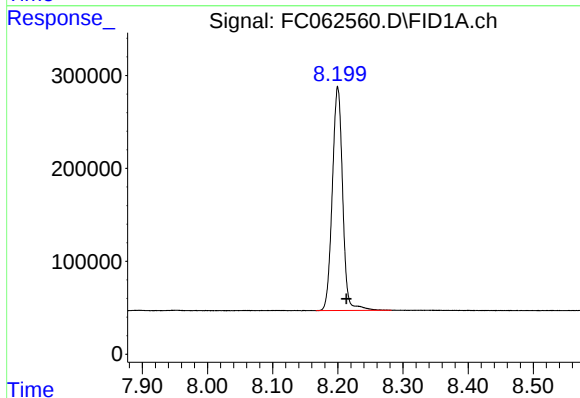
R.T.: 6.404 min
Delta R.T.: -0.011 min
Response: 2684510
Conc: 21.43 ug/ml



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

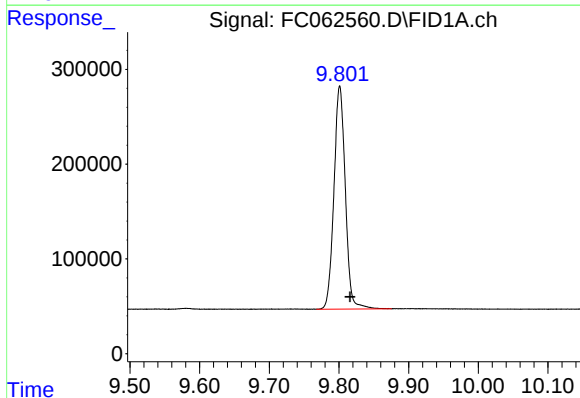
R.T.: 7.026 min
Delta R.T.: -0.012 min
Response: 2835693
Conc: 22.05 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



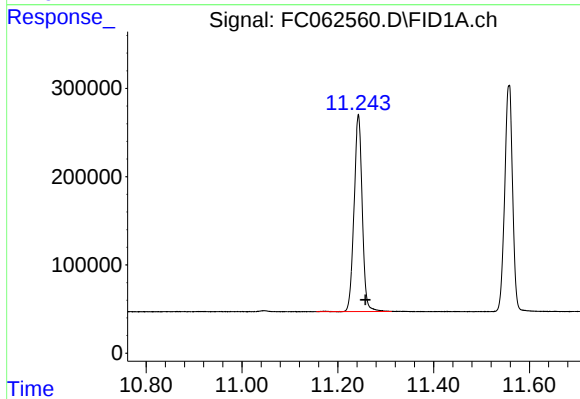
#6 n-Tetradecane (C14)

R.T.: 8.200 min
Delta R.T.: -0.013 min
Response: 2660192
Conc: 21.84 ug/ml



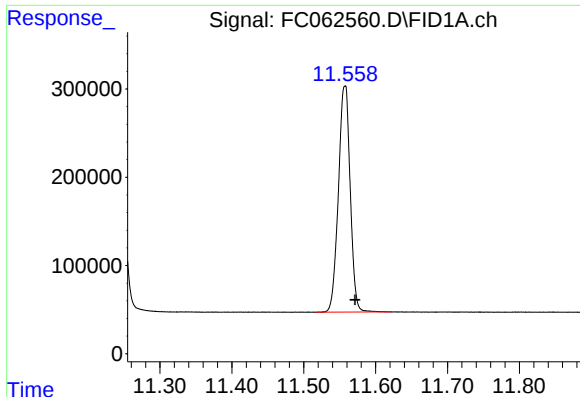
#7 n-Hexadecane (C16)

R.T.: 9.801 min
Delta R.T.: -0.015 min
Response: 2674204
Conc: 21.31 ug/ml



#8 n-Octadecane (C18)

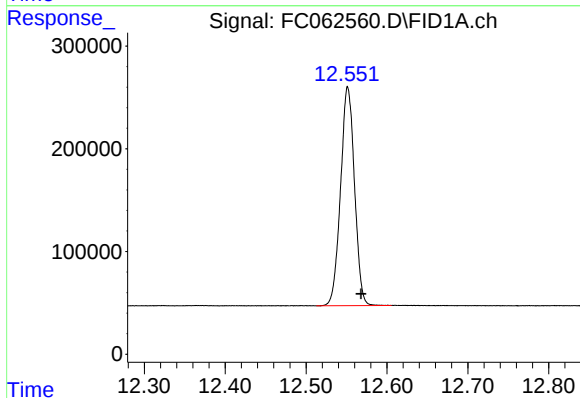
R.T.: 11.243 min
Delta R.T.: -0.014 min
Response: 2677077
Conc: 20.96 ug/ml



#9 ortho-Terphenyl (SURR)

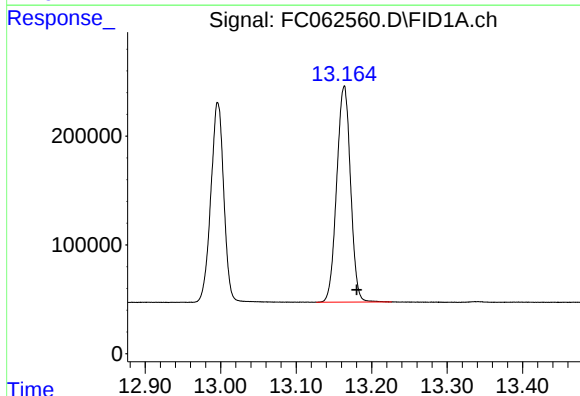
R.T.: 11.557 min
Delta R.T.: -0.014 min
Response: 2919883
Conc: 20.70 ug/ml

Instrument :
FID_C
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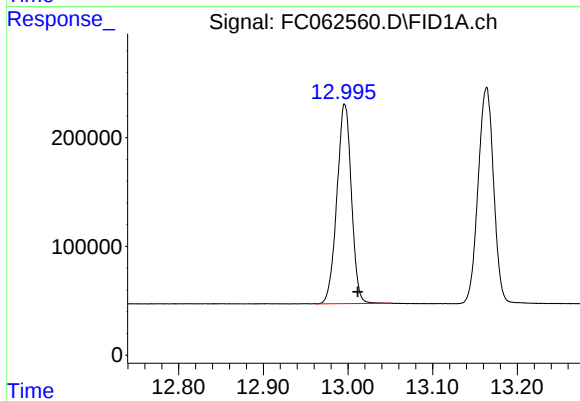
#10 n-Eicosane (C20)

R.T.: 12.552 min
Delta R.T.: -0.016 min
Response: 2551521
Conc: 20.51 ug/ml



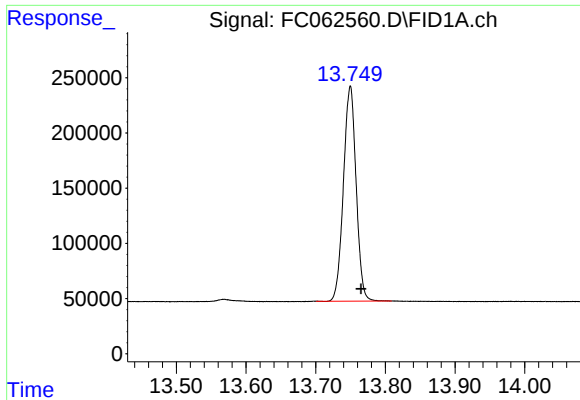
#11 n-Heneicosane (C21)

R.T.: 13.164 min
Delta R.T.: -0.016 min
Response: 2532166
Conc: 20.49 ug/ml



#12 1-chlorooctadecane (SURR)

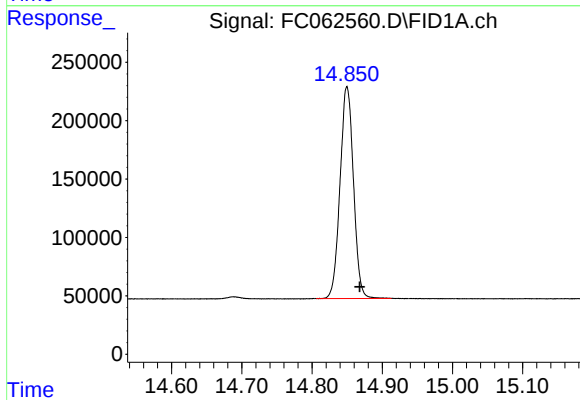
R.T.: 12.996 min
Delta R.T.: -0.015 min
Response: 2183398
Conc: 20.49 ug/ml



#13 n-Docosane (C22)

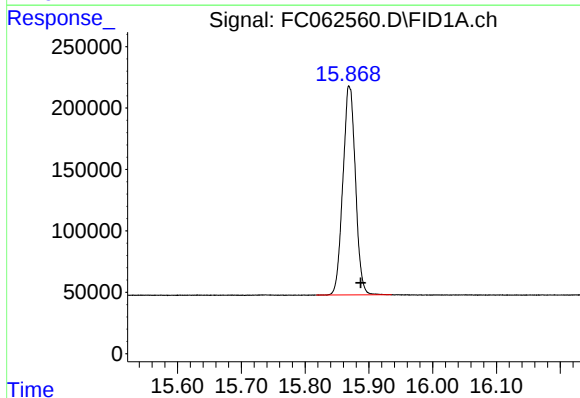
R.T.: 13.750 min
Delta R.T.: -0.015 min
Response: 2464259
Conc: 20.29 ug/ml

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20 PPM ALIPHATIC HC STD



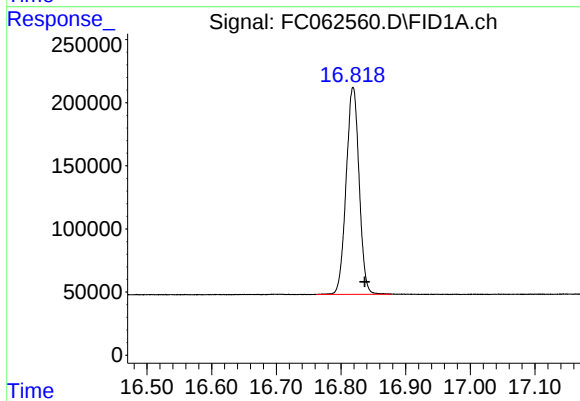
#14 n-Tetracosane (C24)

R.T.: 14.850 min
Delta R.T.: -0.018 min
Response: 2411085
Conc: 20.11 ug/ml



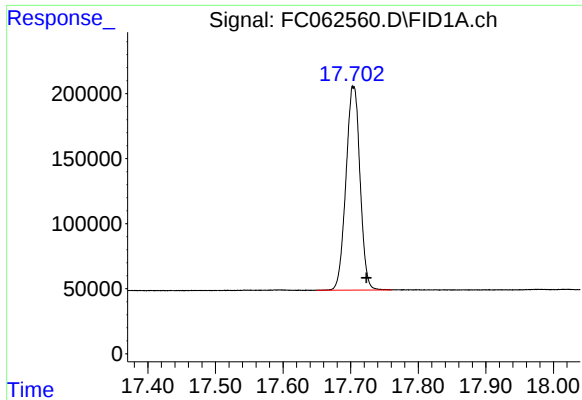
#15 n-Hexacosane (C26)

R.T.: 15.869 min
Delta R.T.: -0.018 min
Response: 2328212
Conc: 20.04 ug/ml



#16 n-Octacosane (C28)

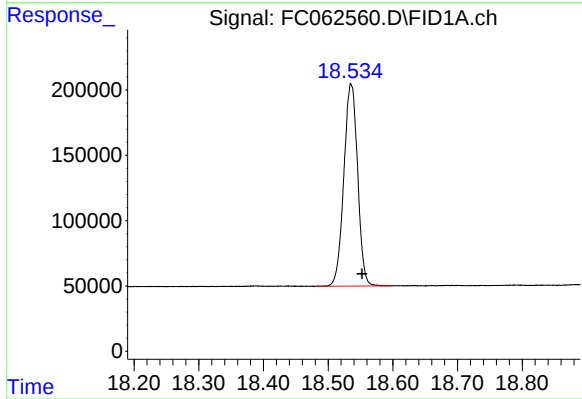
R.T.: 16.819 min
Delta R.T.: -0.018 min
Response: 2284494
Conc: 20.10 ug/ml



#17 n-Tricontane (C30)

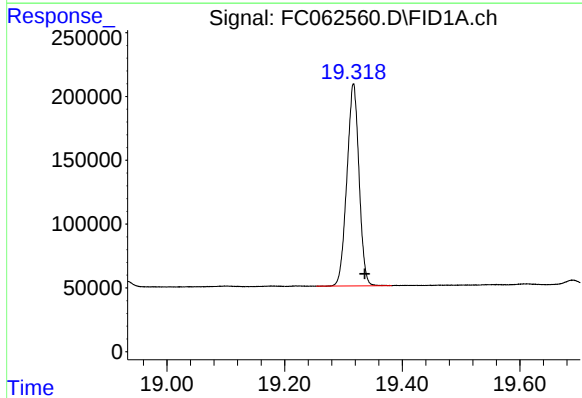
R.T.: 17.704 min
Delta R.T.: -0.019 min
Response: 2268133
Conc: 20.29 ug/ml

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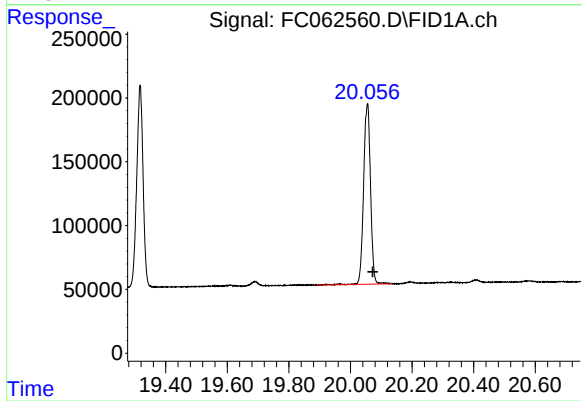
#18 n-Dotriacontane (C32)

R.T.: 18.536 min
Delta R.T.: -0.017 min
Response: 2291625
Conc: 20.62 ug/ml



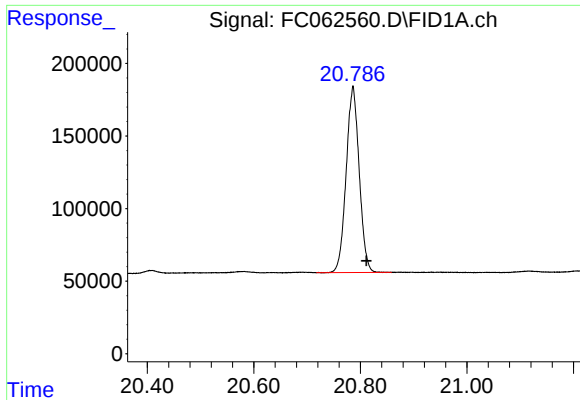
#19 n-Tetratriacontane (C34)

R.T.: 19.317 min
Delta R.T.: -0.019 min
Response: 2264284
Conc: 20.93 ug/ml



#20 n-Hexatriacontane (C36)

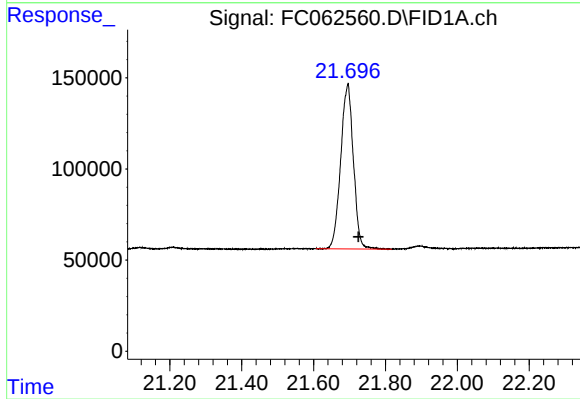
R.T.: 20.055 min
Delta R.T.: -0.016 min
Response: 2201404
Conc: 21.68 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.786 min
Delta R.T.: -0.025 min
Response: 2175043
Conc: 21.26 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.696 min
Delta R.T.: -0.030 min
Response: 2213784
Conc: 21.84 ug/ml