

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC010623AL\
 Data File : FC062583.D
 Signal(s) : FID1A.ch
 Acq On : 05 Jan 2023 12:36
 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 17:38:25 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 010523.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 05 04:54:00 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)	11.556	2995838	21.204 ug/ml
Spiked Amount 50.000		Recovery =	42.41%
12) S 1-chlorooctadecane (S...	12.994	2248962	21.350 ug/ml
Spiked Amount 50.000		Recovery =	42.70%
Target Compounds			
1) T n-Nonane (C9)	3.317	2816203	21.060 ug/ml
2) T n-Decane (C10)	4.383	2750298	21.206 ug/ml
3) T A~Naphthalene (C11.7)	5.967	3123083	21.253 ug/ml
4) T n-Dodecane (C12)	6.403	2762641	21.495 ug/ml
5) T A~2-methylnaphthalene...	7.025	2913635	21.311 ug/ml
6) T n-Tetradecane (C14)	8.199	2733008	21.231 ug/ml
7) T n-Hexadecane (C16)	9.800	2749140	21.288 ug/ml
8) T n-Octadecane (C18)	11.243	2758420	21.301 ug/ml
10) T n-Eicosane (C20)	12.551	2626922	21.286 ug/ml
11) T n-Heneicosane (C21)	13.163	2603633	21.243 ug/ml
13) T n-Docosane (C22)	13.748	2557671	21.394 ug/ml
14) T n-Tetracosane (C24)	14.850	2531788	21.739 ug/ml
15) T n-Hexacosane (C26)	15.871	2458651	21.885 ug/ml
16) T n-Octacosane (C28)	16.818	2436643	22.192 ug/ml
17) T n-Tricontane (C30)	17.703	2446846	22.594 ug/ml
18) T n-Dotriacontane (C32)	18.533	2470599	22.630 ug/ml
19) T n-Tetratriacontane (C34)	19.315	2410985	22.176 ug/ml
20) T n-Hexatriacontane (C36)	20.052	2278120	20.480 ug/ml
21) T n-Octatriacontane (C38)	20.784	2288331	21.608 ug/ml
22) T n-Tetracontane (C40)	21.688	2292156	21.524 ug/ml

(f)=RT Delta > 1/2 Window

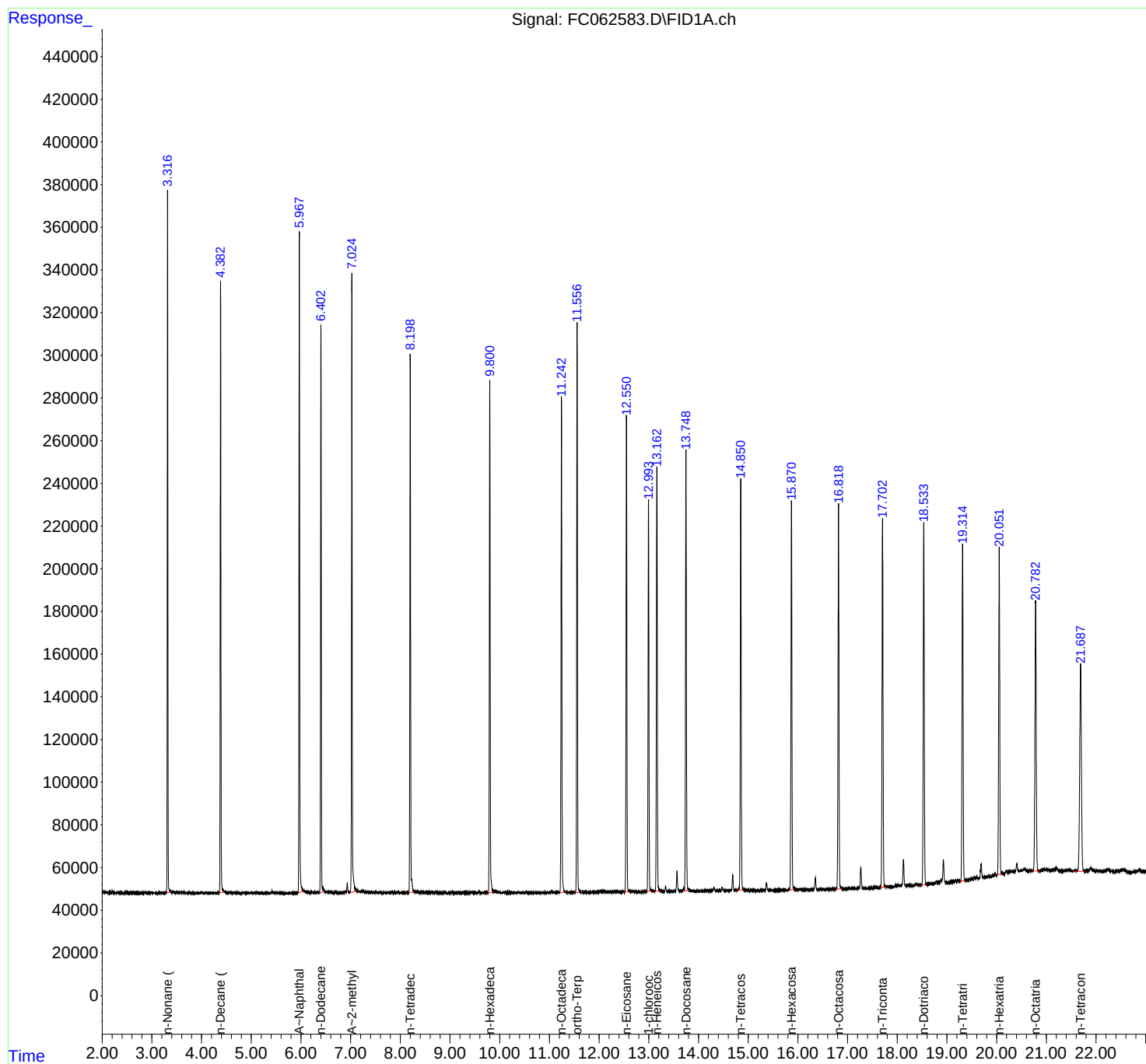
(m)=manual int.

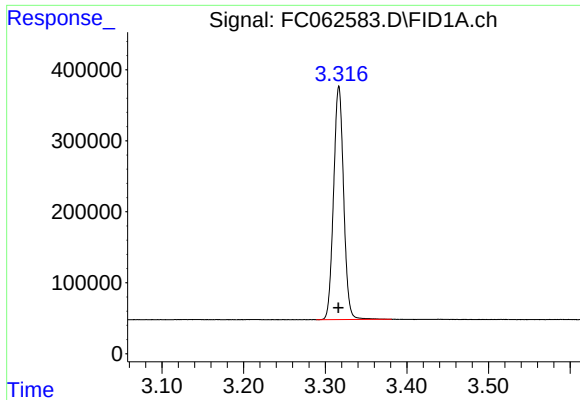
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC010623AL\
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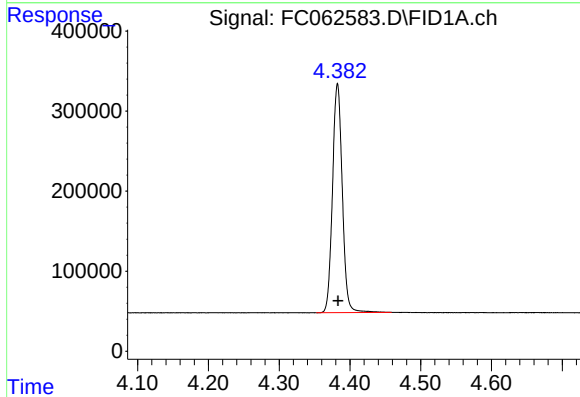




#1 n-Nonane (C9)

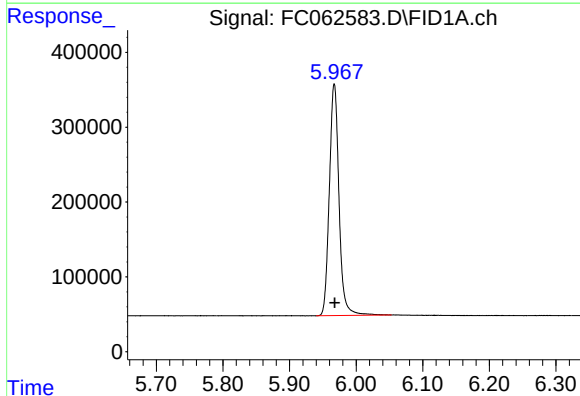
R.T.: 3.317 min
Delta R.T.: 0.000 min
Response: 2816203
Conc: 21.06 ug/ml

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20 PPM ALIPHATIC HC STD



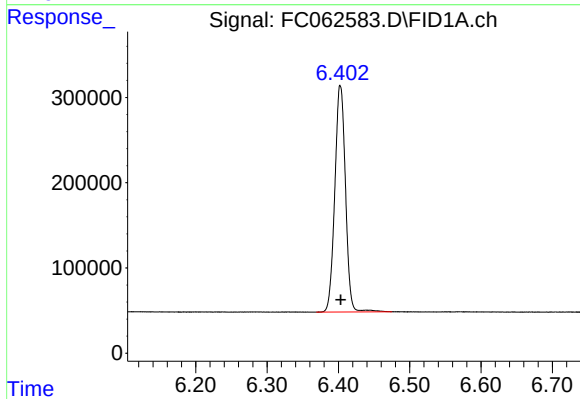
#2 n-Decane (C10)

R.T.: 4.383 min
Delta R.T.: 0.000 min
Response: 2750298
Conc: 21.21 ug/ml



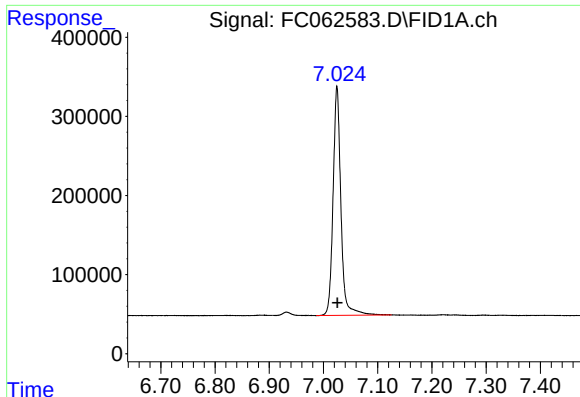
#3 A~Naphthalene (C11.7)

R.T.: 5.967 min
Delta R.T.: 0.000 min
Response: 3123083
Conc: 21.25 ug/ml



#4 n-Dodecane (C12)

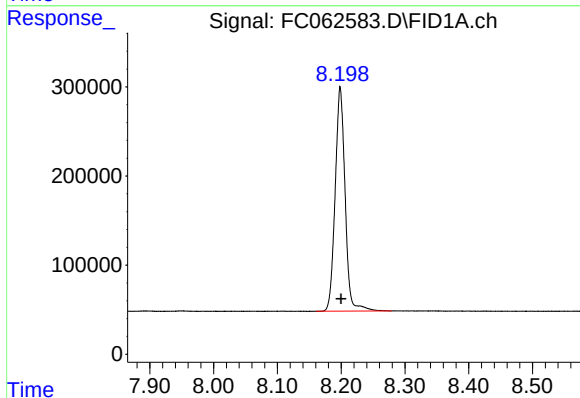
R.T.: 6.403 min
Delta R.T.: 0.000 min
Response: 2762641
Conc: 21.50 ug/ml



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

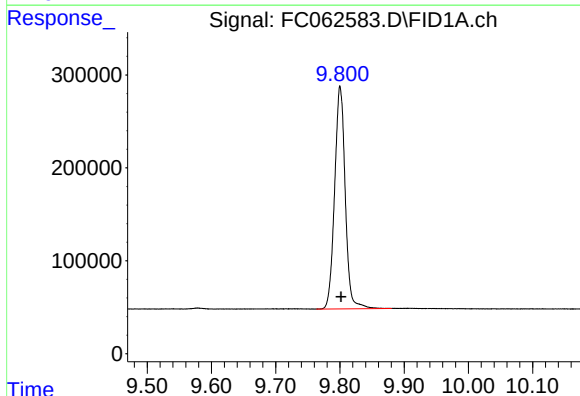
R.T.: 7.025 min
Delta R.T.: 0.000 min
Response: 2913635
Conc: 21.31 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



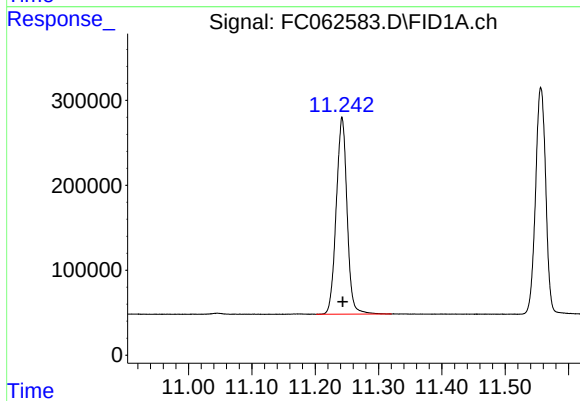
#6 n-Tetradecane (C14)

R.T.: 8.199 min
Delta R.T.: -0.001 min
Response: 2733008
Conc: 21.23 ug/ml



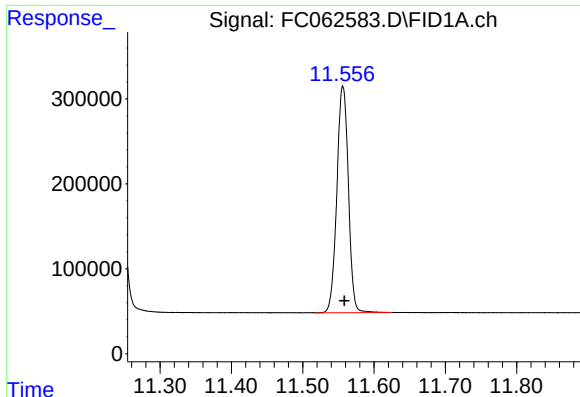
#7 n-Hexadecane (C16)

R.T.: 9.800 min
Delta R.T.: -0.002 min
Response: 2749140
Conc: 21.29 ug/ml



#8 n-Octadecane (C18)

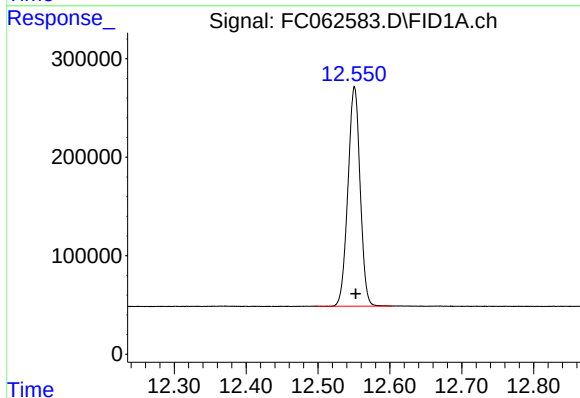
R.T.: 11.243 min
Delta R.T.: -0.001 min
Response: 2758420
Conc: 21.30 ug/ml



#9 ortho-Terphenyl (SURR)

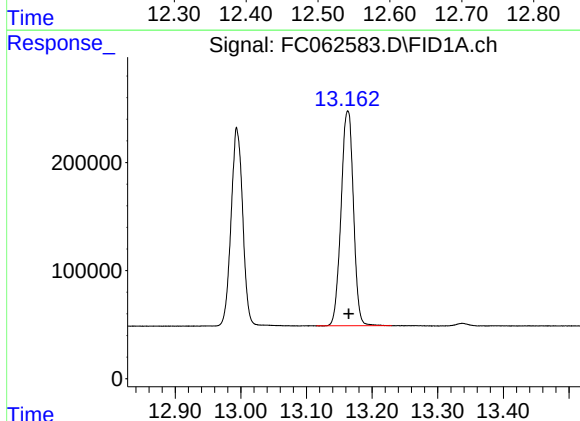
R.T.: 11.556 min
Delta R.T.: -0.002 min
Response: 2995838
Conc: 21.20 ug/ml

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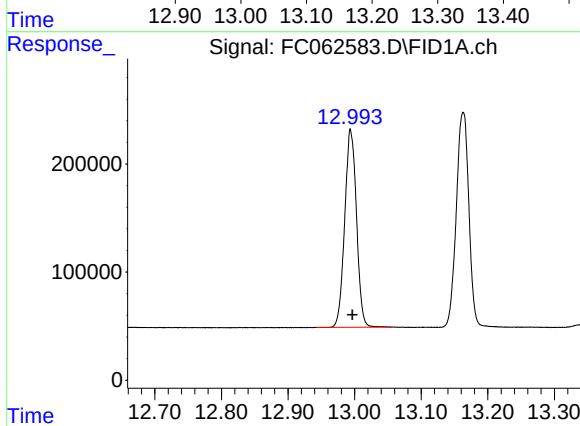
#10 n-Eicosane (C20)

R.T.: 12.551 min
Delta R.T.: -0.002 min
Response: 2626922
Conc: 21.29 ug/ml



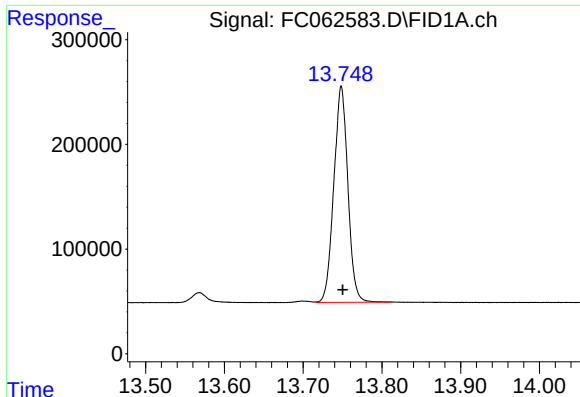
#11 n-Heneicosane (C21)

R.T.: 13.163 min
Delta R.T.: -0.001 min
Response: 2603633
Conc: 21.24 ug/ml



#12 1-chlorooctadecane (SURR)

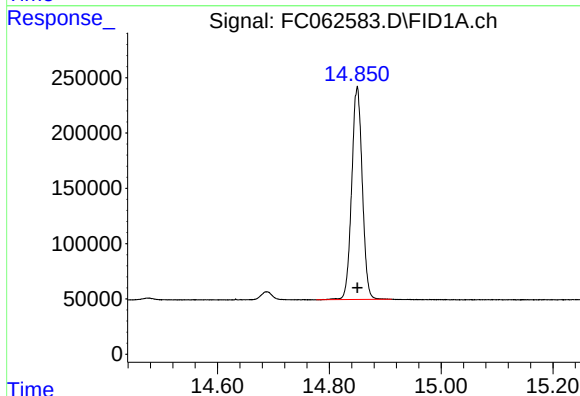
R.T.: 12.994 min
Delta R.T.: -0.003 min
Response: 2248962
Conc: 21.35 ug/ml



#13 n-Docosane (C22)

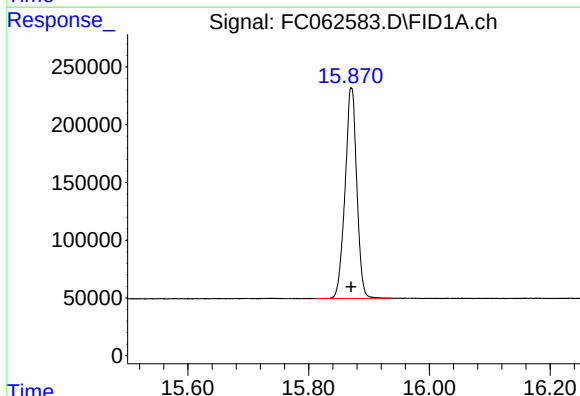
R.T.: 13.748 min
Delta R.T.: -0.002 min
Response: 2557671
Conc: 21.39 ug/ml

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20 PPM ALIPHATIC HC STD



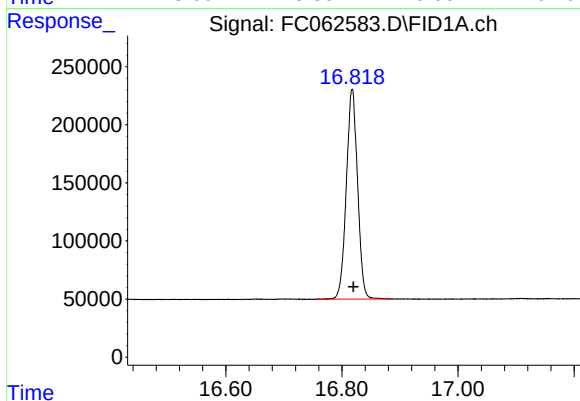
#14 n-Tetracosane (C24)

R.T.: 14.850 min
Delta R.T.: 0.000 min
Response: 2531788
Conc: 21.74 ug/ml



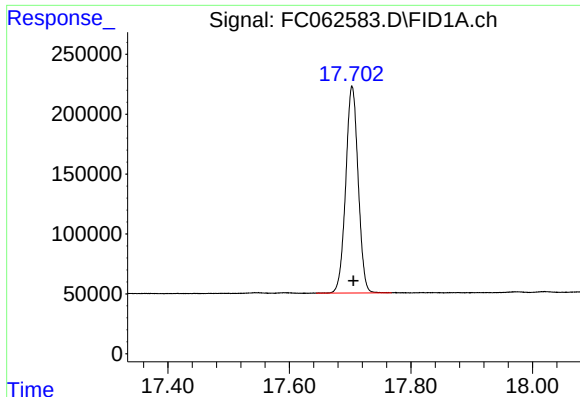
#15 n-Hexacosane (C26)

R.T.: 15.871 min
Delta R.T.: 0.000 min
Response: 2458651
Conc: 21.89 ug/ml



#16 n-Octacosane (C28)

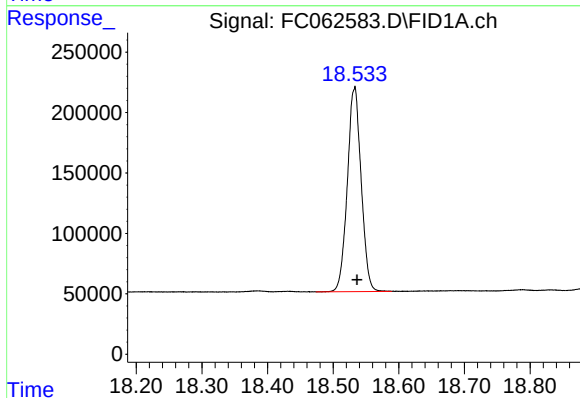
R.T.: 16.818 min
Delta R.T.: -0.002 min
Response: 2436643
Conc: 22.19 ug/ml



#17 n-Tricontane (C30)

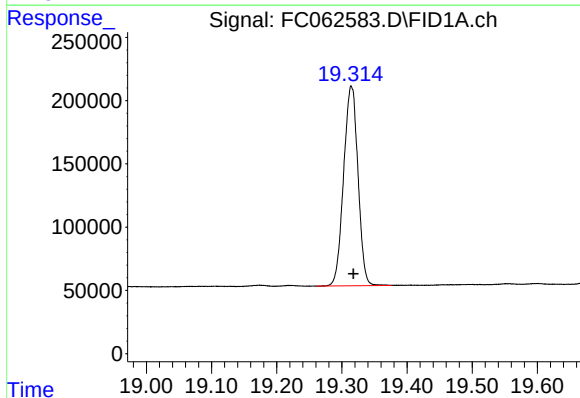
R.T.: 17.703 min
Delta R.T.: -0.002 min
Response: 2446846
Conc: 22.59 ug/ml

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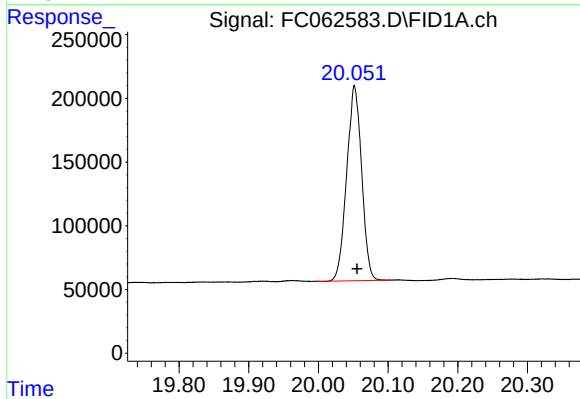
#18 n-Dotriacontane (C32)

R.T.: 18.533 min
Delta R.T.: -0.003 min
Response: 2470599
Conc: 22.63 ug/ml



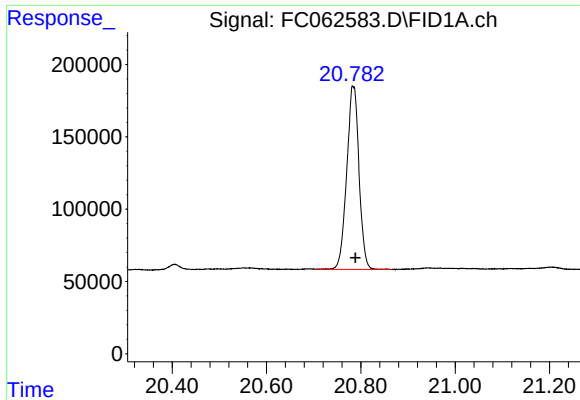
#19 n-Tetratriacontane (C34)

R.T.: 19.315 min
Delta R.T.: -0.003 min
Response: 2410985
Conc: 22.18 ug/ml



#20 n-Hexatriacontane (C36)

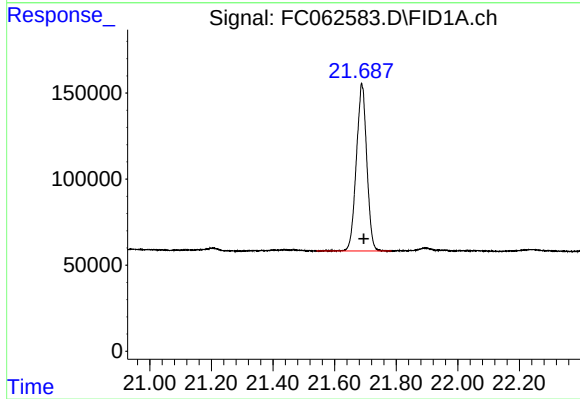
R.T.: 20.052 min
Delta R.T.: -0.004 min
Response: 2278120
Conc: 20.48 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.784 min
Delta R.T.: -0.005 min
Response: 2288331
Conc: 21.61 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.688 min
Delta R.T.: -0.007 min
Response: 2292156
Conc: 21.52 ug/ml