

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC010623AL\
 Data File : FC062579.D
 Signal(s) : FID1A.ch
 Acq On : 05 Jan 2023 09:34
 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 17:37:52 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)	11.557	2990430	21.166 ug/ml
Spiked Amount 50.000		Recovery =	42.33%
12) S 1-chlorooctadecane (S...	12.994	2229314	21.163 ug/ml
Spiked Amount 50.000		Recovery =	42.33%
Target Compounds			
1) T n-Nonane (C9)	3.317	2827878	21.147 ug/ml
2) T n-Decane (C10)	4.383	2761969	21.296 ug/ml
3) T A~Naphthalene (C11.7)	5.967	3126958	21.279 ug/ml
4) T n-Dodecane (C12)	6.403	2691563	20.942 ug/ml
5) T A~2-methylnaphthalene...	7.025	2903585	21.238 ug/ml
6) T n-Tetradecane (C14)	8.199	2727194	21.186 ug/ml
7) T n-Hexadecane (C16)	9.801	2738533	21.206 ug/ml
8) T n-Octadecane (C18)	11.243	2737139	21.136 ug/ml
10) T n-Eicosane (C20)	12.551	2615109	21.190 ug/ml
11) T n-Heneicosane (C21)	13.162	2590006	21.132 ug/ml
13) T n-Docosane (C22)	13.749	2545114	21.289 ug/ml
14) T n-Tetracosane (C24)	14.850	2517820	21.619 ug/ml
15) T n-Hexacosane (C26)	15.870	2437620	21.698 ug/ml
16) T n-Octacosane (C28)	16.817	2413743	21.983 ug/ml
17) T n-Tricontane (C30)	17.701	2418011	22.328 ug/ml
18) T n-Dotriacontane (C32)	18.533	2437863	22.331 ug/ml
19) T n-Tetratriacontane (C34)	19.313	2373232	21.829 ug/ml
20) T n-Hexatriacontane (C36)	20.053	2249641	20.224 ug/ml
21) T n-Octatriacontane (C38)	20.785	2235530	21.109 ug/ml
22) T n-Tetracontane (C40)	21.689	2233679	20.974 ug/ml

(f)=RT Delta > 1/2 Window

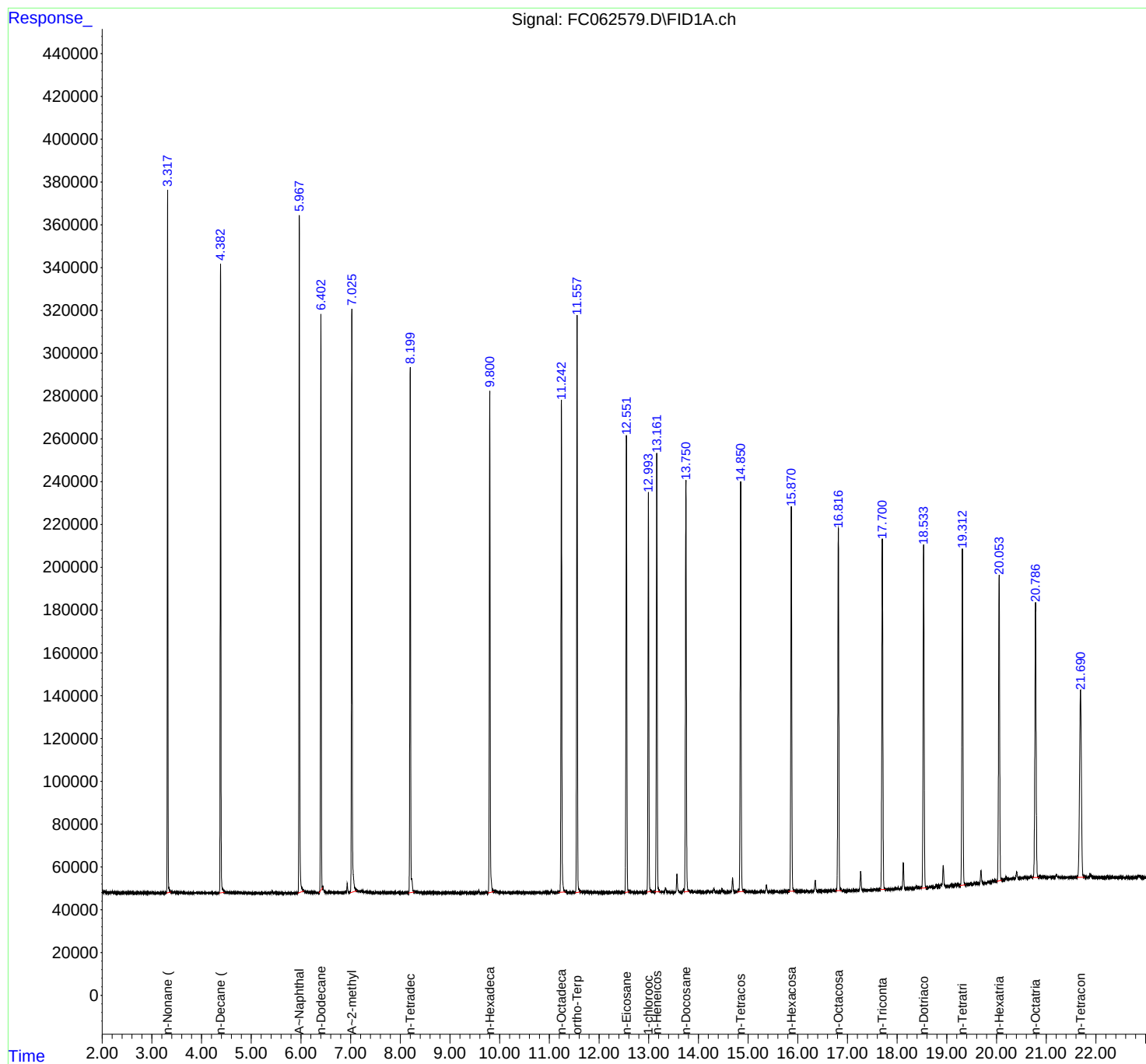
(m)=manual int.

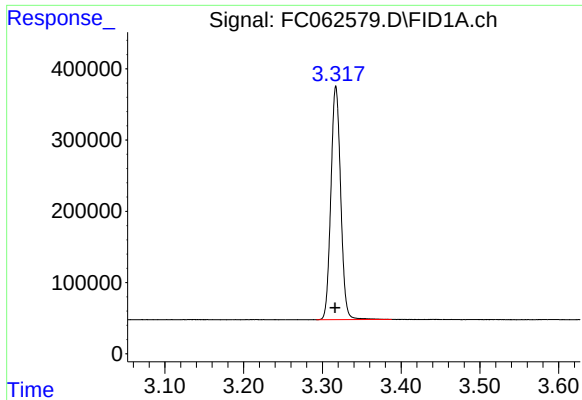
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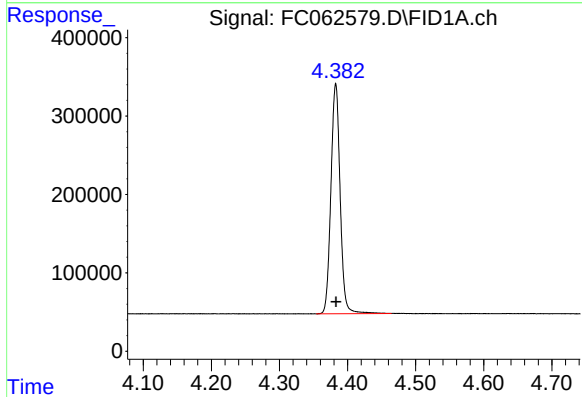




#1 n-Nonane (C9)

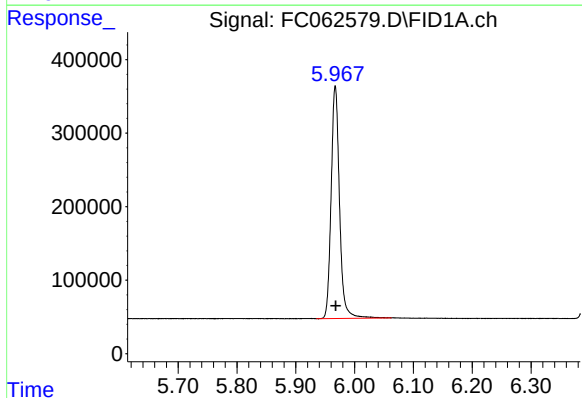
R.T.: 3.317 min
Delta R.T.: 0.001 min
Response: 2827878
Conc: 21.15 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



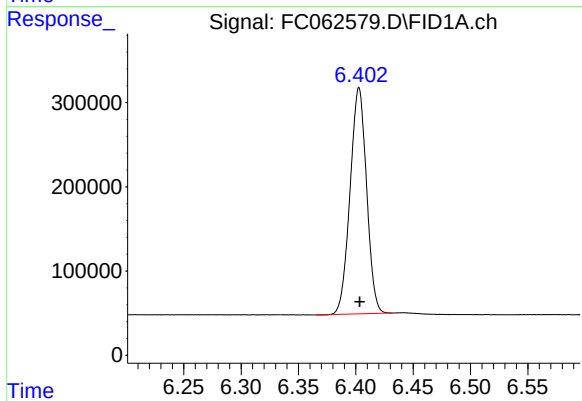
#2 n-Decane (C10)

R.T.: 4.383 min
Delta R.T.: 0.000 min
Response: 2761969
Conc: 21.30 ug/ml



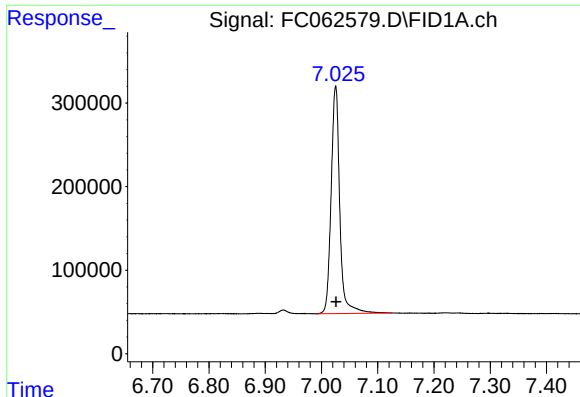
#3 A~Naphthalene (C11.7)

R.T.: 5.967 min
Delta R.T.: 0.000 min
Response: 3126958
Conc: 21.28 ug/ml



#4 n-Dodecane (C12)

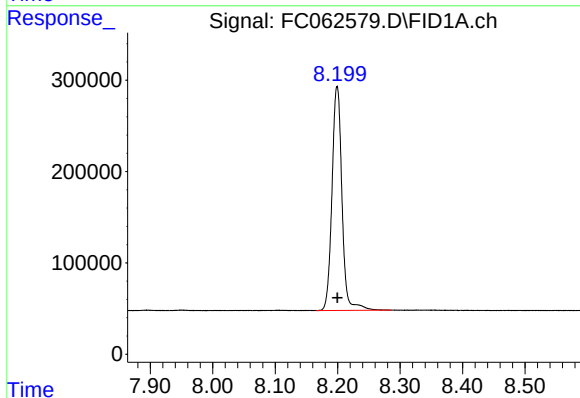
R.T.: 6.403 min
Delta R.T.: 0.000 min
Response: 2691563
Conc: 20.94 ug/ml



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

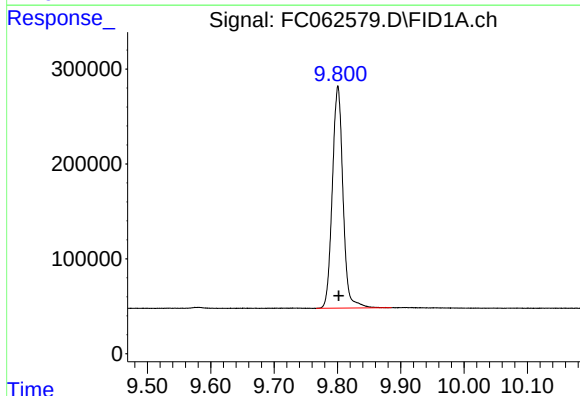
R.T.: 7.025 min
Delta R.T.: 0.000 min
Response: 2903585
Conc: 21.24 ug/ml

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20 PPM ALIPHATIC HC STD



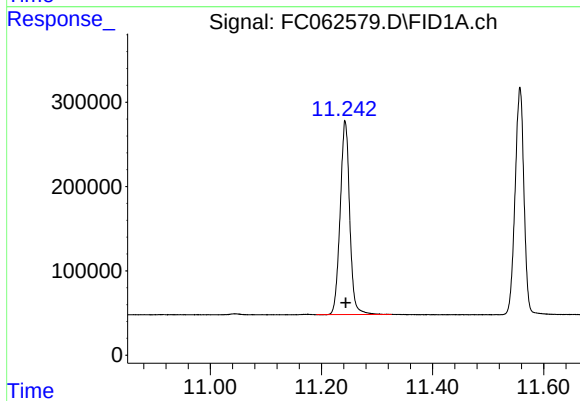
#6 n-Tetradecane (C14)

R.T.: 8.199 min
Delta R.T.: 0.000 min
Response: 2727194
Conc: 21.19 ug/ml



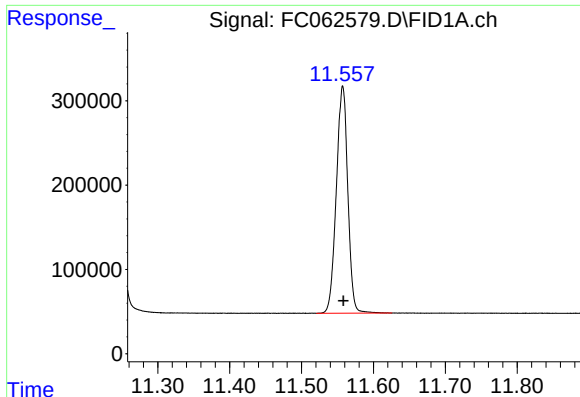
#7 n-Hexadecane (C16)

R.T.: 9.801 min
Delta R.T.: -0.001 min
Response: 2738533
Conc: 21.21 ug/ml



#8 n-Octadecane (C18)

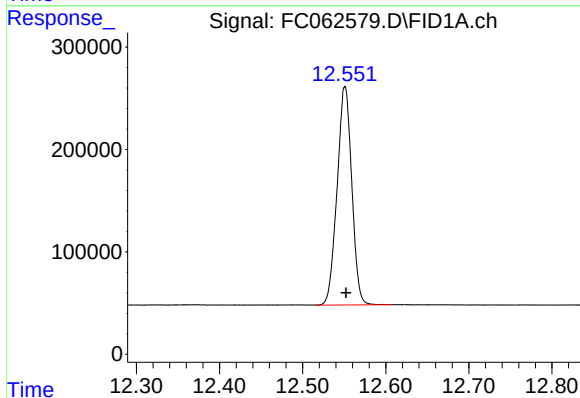
R.T.: 11.243 min
Delta R.T.: -0.001 min
Response: 2737139
Conc: 21.14 ug/ml



#9 ortho-Terphenyl (SURR)

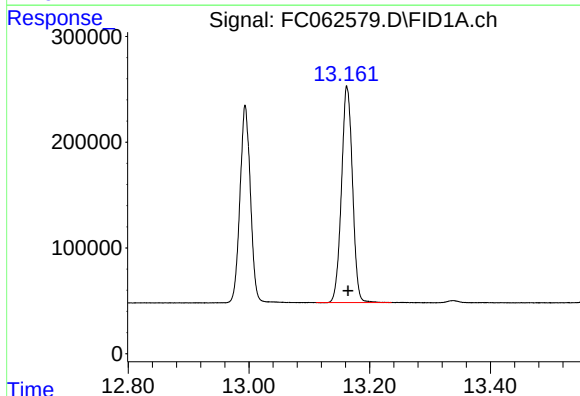
R.T.: 11.557 min
Delta R.T.: 0.000 min
Response: 2990430
Conc: 21.17 ug/ml

Instrument :
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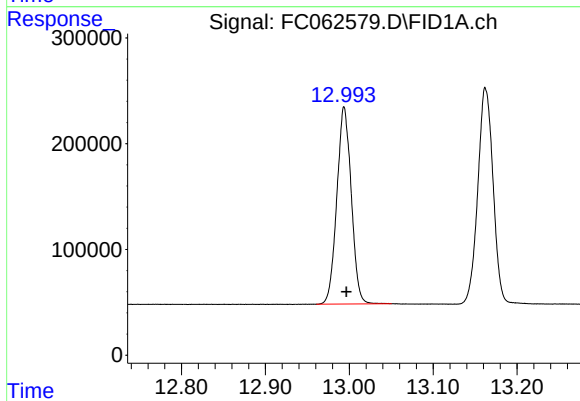
#10 n-Eicosane (C20)

R.T.: 12.551 min
Delta R.T.: -0.002 min
Response: 2615109
Conc: 21.19 ug/ml



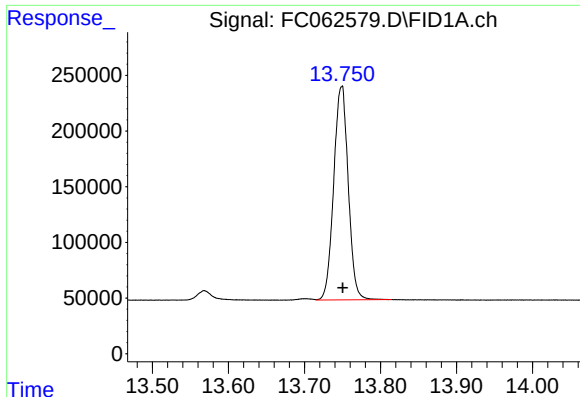
#11 n-Heneicosane (C21)

R.T.: 13.162 min
Delta R.T.: -0.002 min
Response: 2590006
Conc: 21.13 ug/ml



#12 1-chlorooctadecane (SURR)

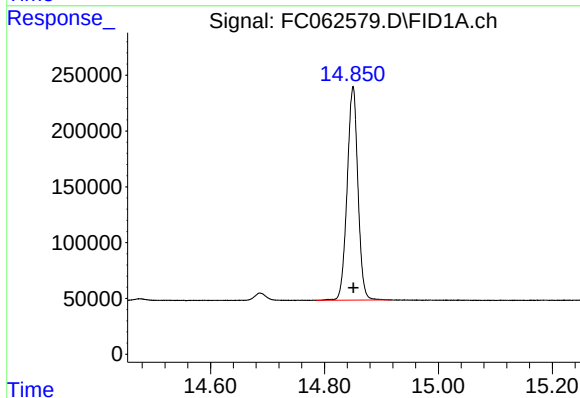
R.T.: 12.994 min
Delta R.T.: -0.003 min
Response: 2229314
Conc: 21.16 ug/ml



#13 n-Docosane (C22)

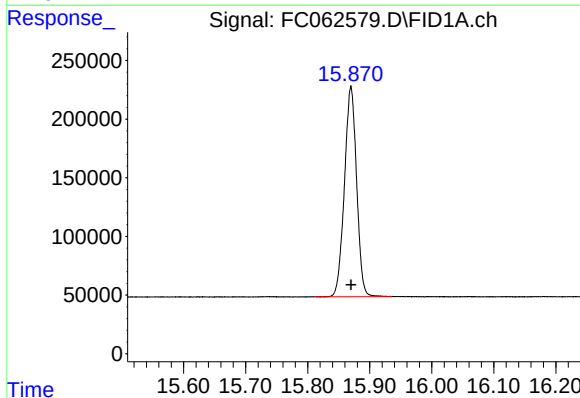
R.T.: 13.749 min
Delta R.T.: -0.001 min
Response: 2545114
Conc: 21.29 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



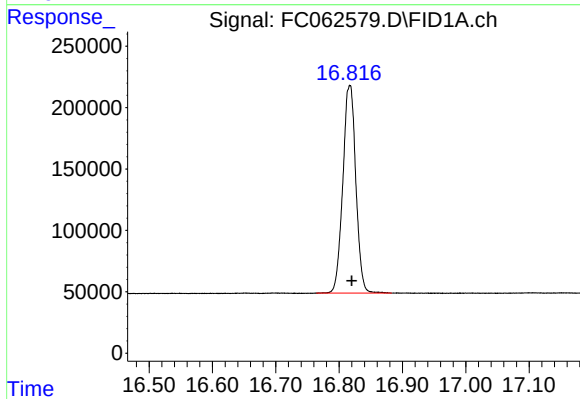
#14 n-Tetracosane (C24)

R.T.: 14.850 min
Delta R.T.: 0.000 min
Response: 2517820
Conc: 21.62 ug/ml



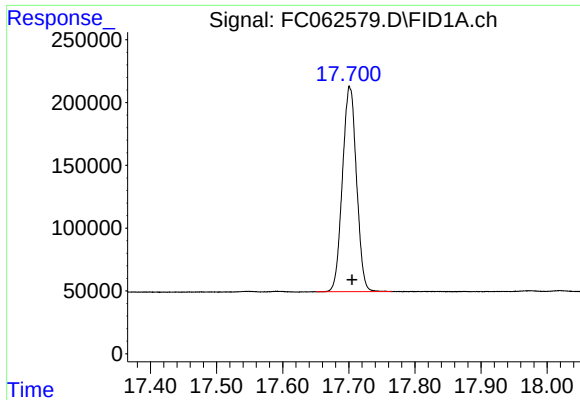
#15 n-Hexacosane (C26)

R.T.: 15.870 min
Delta R.T.: 0.000 min
Response: 2437620
Conc: 21.70 ug/ml



#16 n-Octacosane (C28)

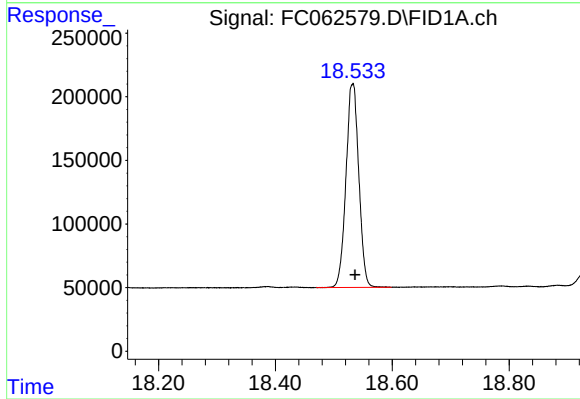
R.T.: 16.817 min
Delta R.T.: -0.003 min
Response: 2413743
Conc: 21.98 ug/ml



#17 n-Tricontane (C30)

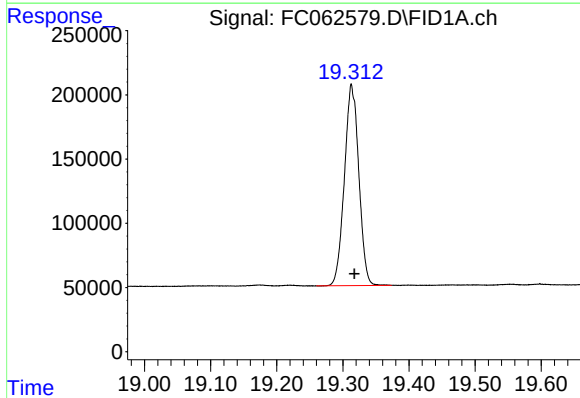
R.T.: 17.701 min
Delta R.T.: -0.004 min
Response: 2418011
Conc: 22.33 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



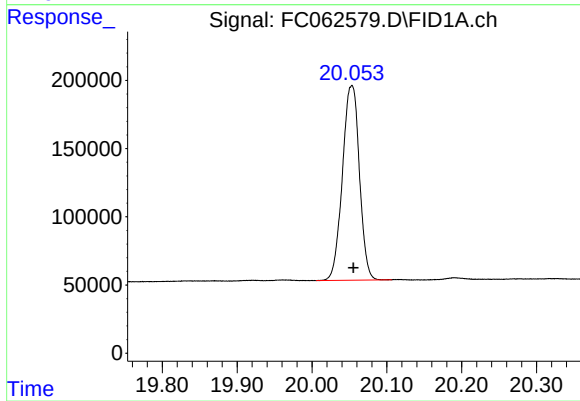
#18 n-Dotriacontane (C32)

R.T.: 18.533 min
Delta R.T.: -0.004 min
Response: 2437863
Conc: 22.33 ug/ml



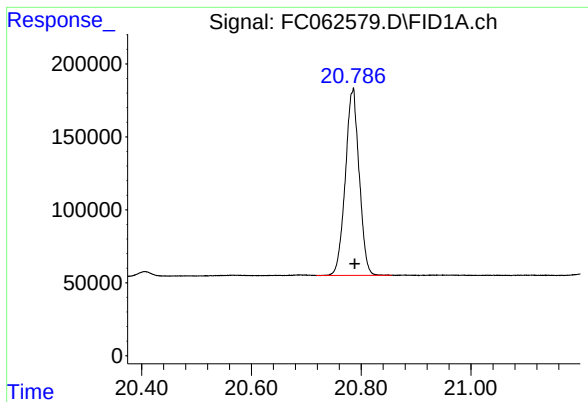
#19 n-Tetratriacontane (C34)

R.T.: 19.313 min
Delta R.T.: -0.004 min
Response: 2373232
Conc: 21.83 ug/ml



#20 n-Hexatriacontane (C36)

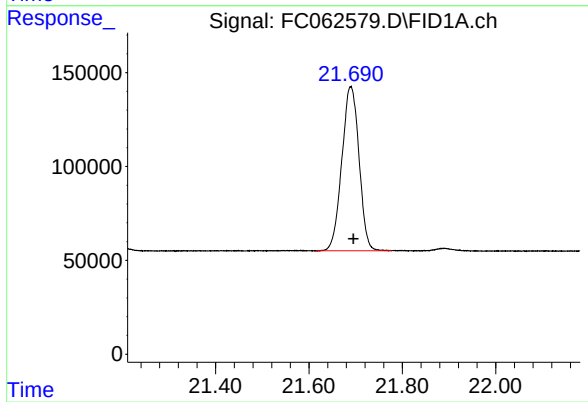
R.T.: 20.053 min
Delta R.T.: -0.002 min
Response: 2249641
Conc: 20.22 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.785 min
Delta R.T.: -0.003 min
Response: 2235530
Conc: 21.11 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.689 min
Delta R.T.: -0.006 min
Response: 2233679
Conc: 20.97 ug/ml