

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC111722AL\
 Data File : FC062189.D
 Signal(s) : FID1A.ch
 Acq On : 17 Nov 2022 07:30
 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: Nov 18 02:42:50 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 111422.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 15 01:21:38 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)	11.591	2747069	20.125 ug/ml
Spiked Amount 50.000		Recovery =	40.25%
12) S 1-chlorooctadecane (S...	13.026	2014742	19.820 ug/ml
Spiked Amount 50.000		Recovery =	39.64%
Target Compounds			
1) T n-Nonane (C9)	3.348	2788623	20.036 ug/ml
2) T n-Decane (C10)	4.416	2728454	20.166 ug/ml
3) T A~Naphthalene (C11.7)	6.003	2932912	20.020 ug/ml
4) T n-Dodecane (C12)	6.437	2686732	20.111 ug/ml
5) T A~2-methylnaphthalene...	7.062	2686539	20.034 ug/ml
6) T n-Tetradecane (C14)	8.232	2620762	20.076 ug/ml
7) T n-Hexadecane (C16)	9.833	2605523	20.097 ug/ml
8) T n-Octadecane (C18)	11.275	2564408	20.083 ug/ml
10) T n-Eicosane (C20)	12.584	2442258	20.091 ug/ml
11) T n-Heneicosane (C21)	13.193	2420853	20.086 ug/ml
13) T n-Docosane (C22)	13.778	2377955	20.172 ug/ml
14) T n-Tetracosane (C24)	14.879	2333556	20.280 ug/ml
15) T n-Hexacosane (C26)	15.899	2284625	20.504 ug/ml
16) T n-Octacosane (C28)	16.847	2260694	20.619 ug/ml
17) T n-Tricontane (C30)	17.731	2251133	20.556 ug/ml
18) T n-Dotriacontane (C32)	18.562	2253127	20.400 ug/ml
19) T n-Tetratriacontane (C34)	19.344	2192738	20.055 ug/ml
20) T n-Hexatriacontane (C36)	20.080	2055985	19.617 ug/ml
21) T n-Octatriacontane (C38)	20.817	1976858	19.101 ug/ml
22) T n-Tetracontane (C40)	21.732	1893400	18.445 ug/ml

(f)=RT Delta > 1/2 Window

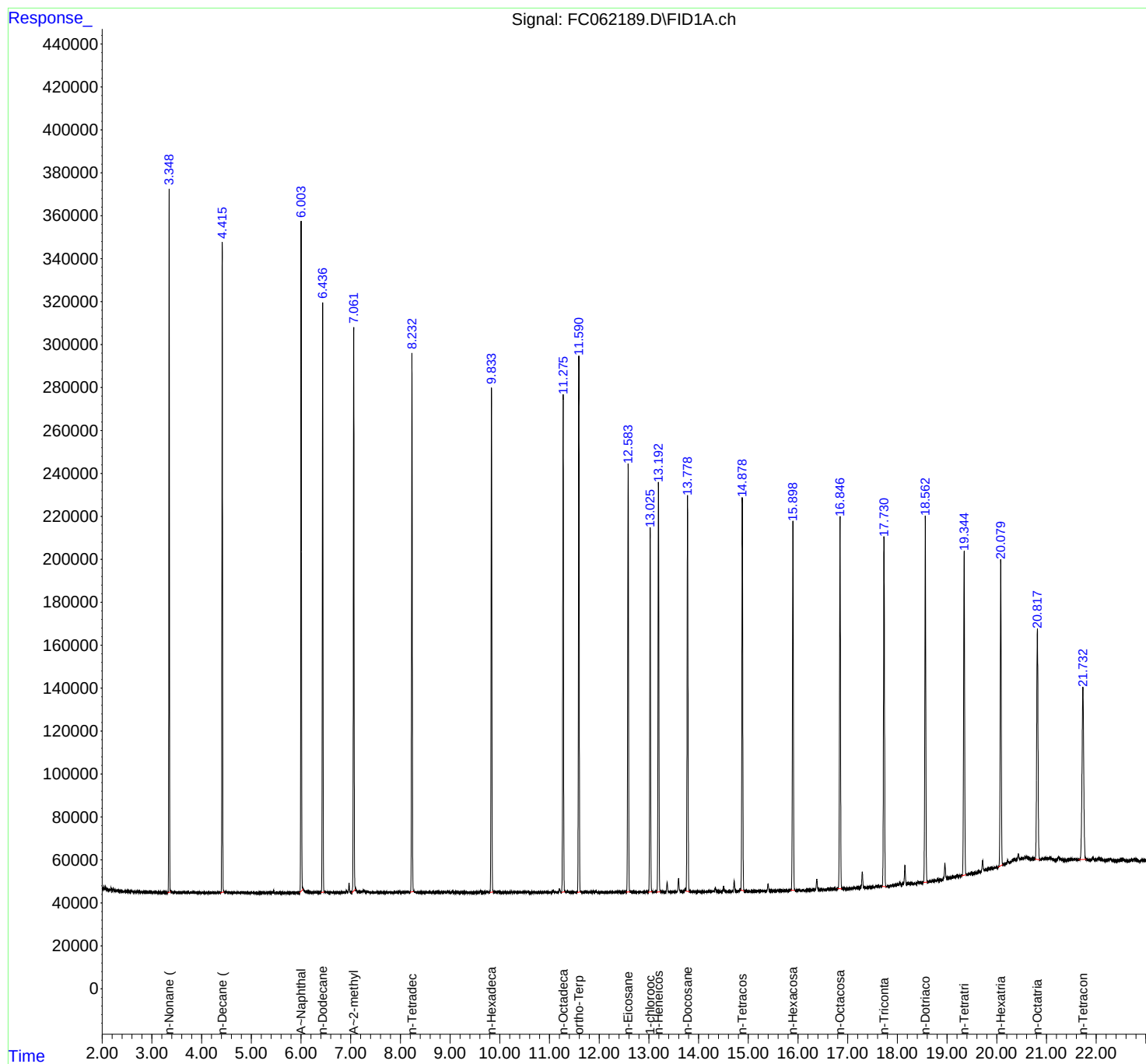
(m)=manual int.

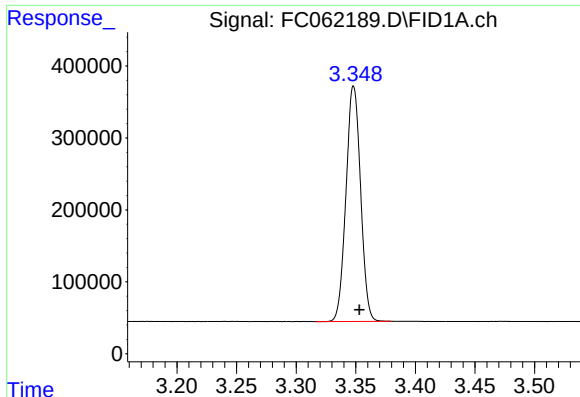
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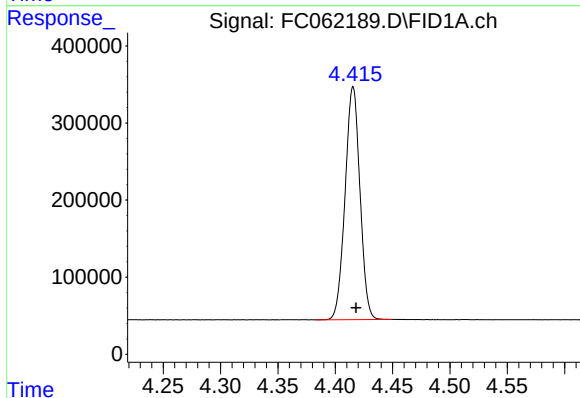




#1 n-Nonane (C9)

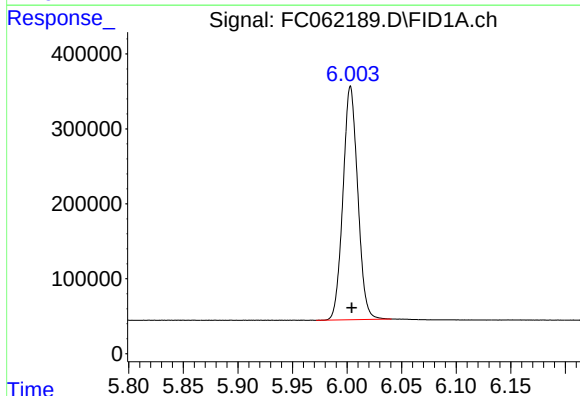
R.T.: 3.348 min
Delta R.T.: -0.005 min
Response: 2788623
Conc: 20.04 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



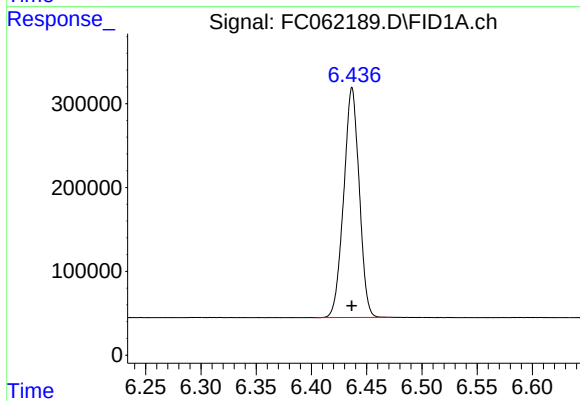
#2 n-Decane (C10)

R.T.: 4.416 min
Delta R.T.: -0.002 min
Response: 2728454
Conc: 20.17 ug/ml



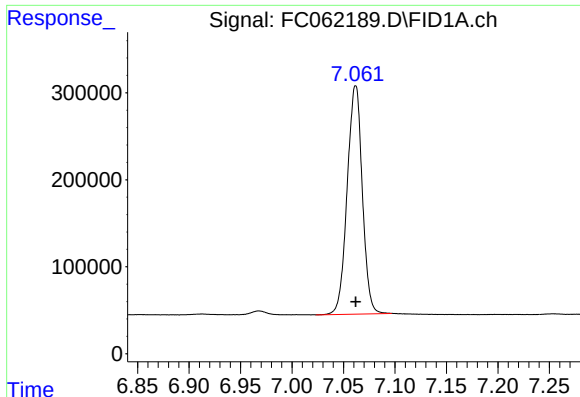
#3 A~Naphthalene (C11.7)

R.T.: 6.003 min
Delta R.T.: -0.001 min
Response: 2932912
Conc: 20.02 ug/ml



#4 n-Dodecane (C12)

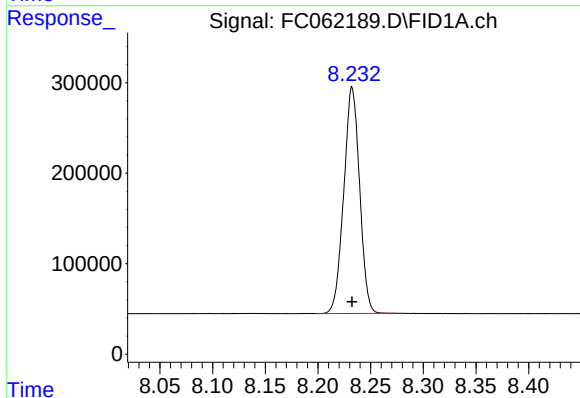
R.T.: 6.437 min
Delta R.T.: 0.000 min
Response: 2686732
Conc: 20.11 ug/ml



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

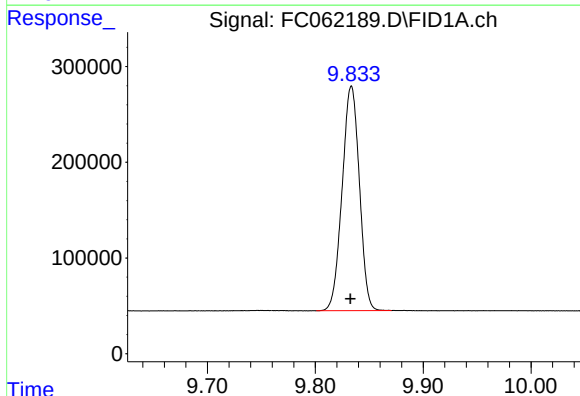
R.T.: 7.062 min
Delta R.T.: 0.000 min
Response: 2686539
Conc: 20.03 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



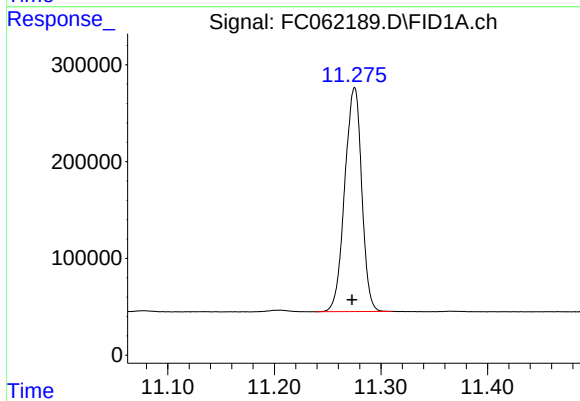
#6 n-Tetradecane (C14)

R.T.: 8.232 min
Delta R.T.: 0.000 min
Response: 2620762
Conc: 20.08 ug/ml



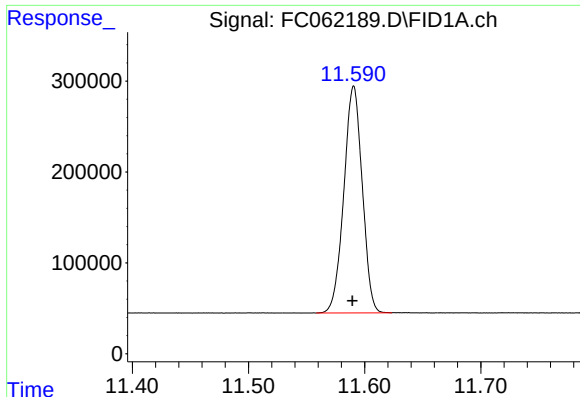
#7 n-Hexadecane (C16)

R.T.: 9.833 min
Delta R.T.: 0.000 min
Response: 2605523
Conc: 20.10 ug/ml



#8 n-Octadecane (C18)

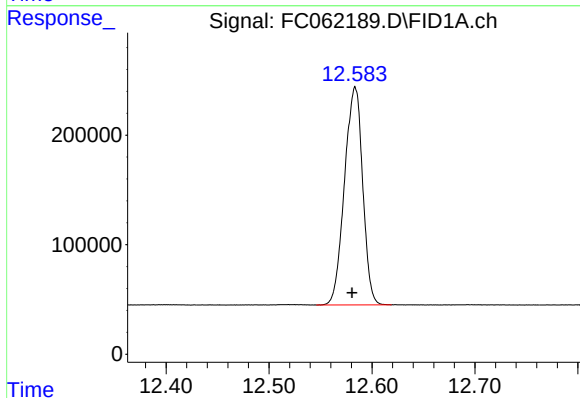
R.T.: 11.275 min
Delta R.T.: 0.002 min
Response: 2564408
Conc: 20.08 ug/ml



#9 ortho-Terphenyl (SURR)

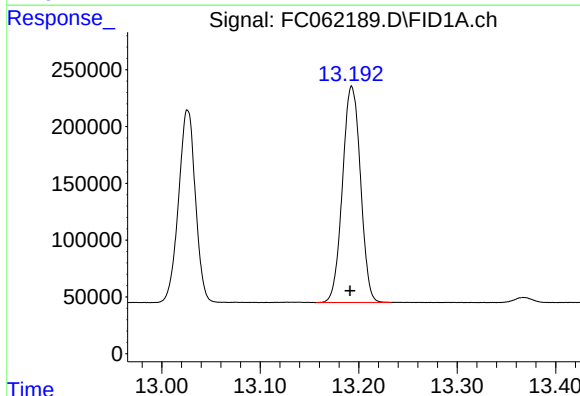
R.T.: 11.591 min
Delta R.T.: 0.001 min
Response: 2747069
Conc: 20.13 ug/ml

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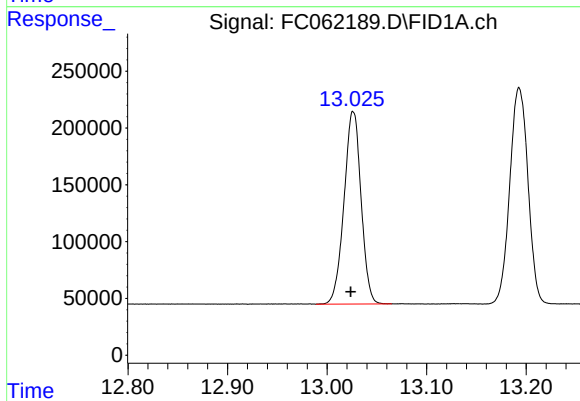
#10 n-Eicosane (C20)

R.T.: 12.584 min
Delta R.T.: 0.003 min
Response: 2442258
Conc: 20.09 ug/ml



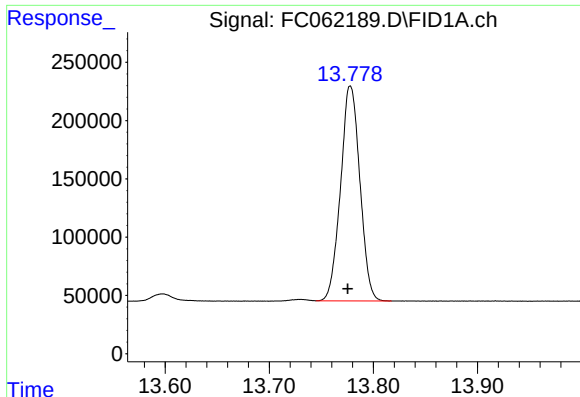
#11 n-Heneicosane (C21)

R.T.: 13.193 min
Delta R.T.: 0.002 min
Response: 2420853
Conc: 20.09 ug/ml



#12 1-chlorooctadecane (SURR)

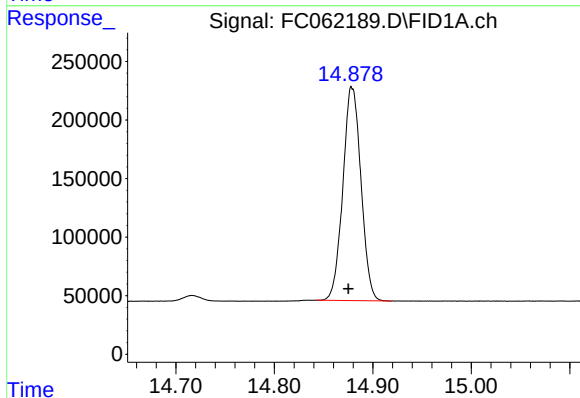
R.T.: 13.026 min
Delta R.T.: 0.002 min
Response: 2014742
Conc: 19.82 ug/ml



#13 n-Docosane (C22)

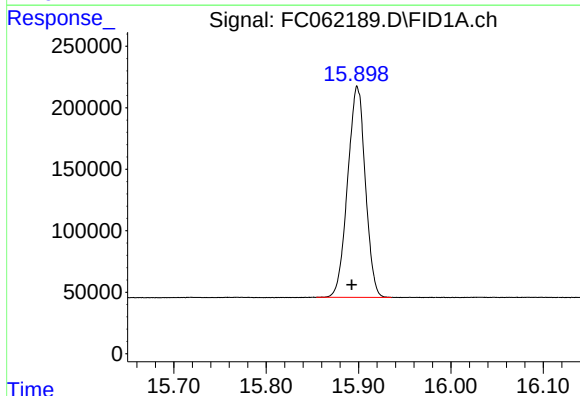
R.T.: 13.778 min
Delta R.T.: 0.003 min
Response: 2377955
Conc: 20.17 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



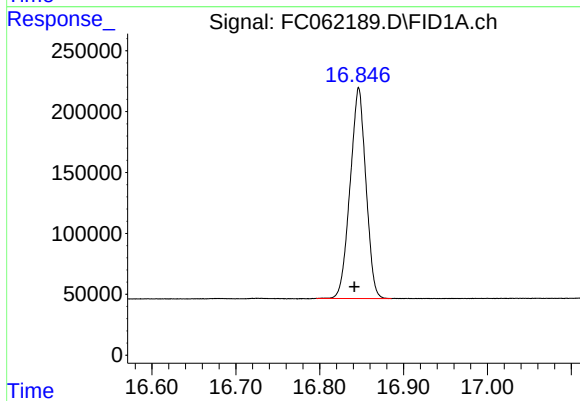
#14 n-Tetracosane (C24)

R.T.: 14.879 min
Delta R.T.: 0.004 min
Response: 2333556
Conc: 20.28 ug/ml



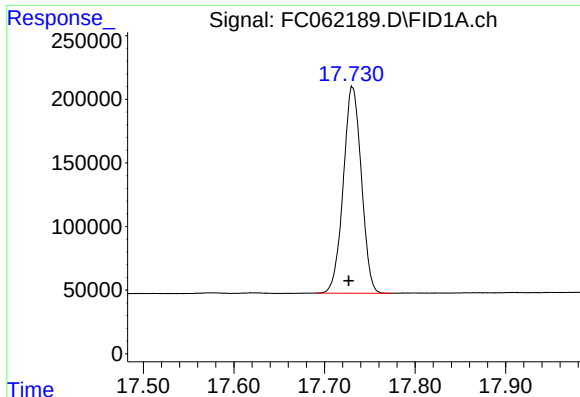
#15 n-Hexacosane (C26)

R.T.: 15.899 min
Delta R.T.: 0.006 min
Response: 2284625
Conc: 20.50 ug/ml



#16 n-Octacosane (C28)

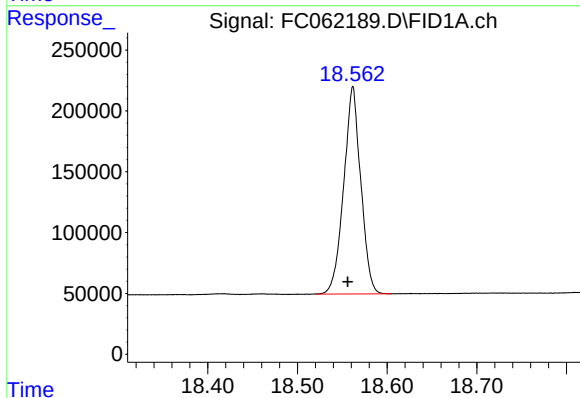
R.T.: 16.847 min
Delta R.T.: 0.005 min
Response: 2260694
Conc: 20.62 ug/ml



#17 n-Tricontane (C30)

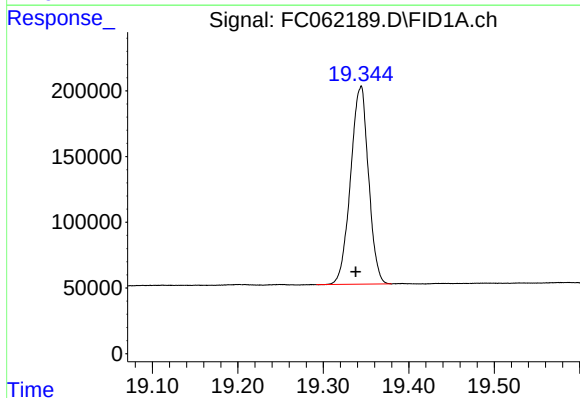
R.T.: 17.731 min
Delta R.T.: 0.004 min
Response: 2251133
Conc: 20.56 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



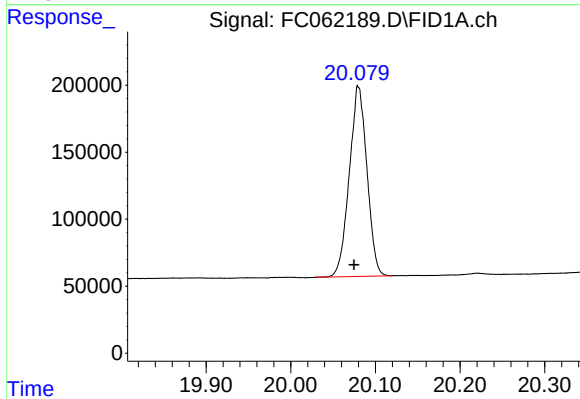
#18 n-Dotriacontane (C32)

R.T.: 18.562 min
Delta R.T.: 0.006 min
Response: 2253127
Conc: 20.40 ug/ml



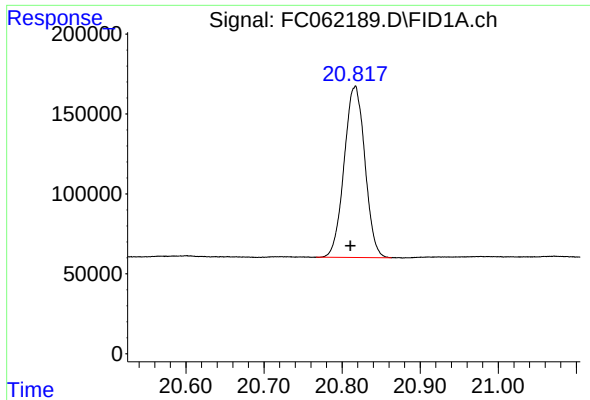
#19 n-Tetratriacontane (C34)

R.T.: 19.344 min
Delta R.T.: 0.006 min
Response: 2192738
Conc: 20.06 ug/ml



#20 n-Hexatriacontane (C36)

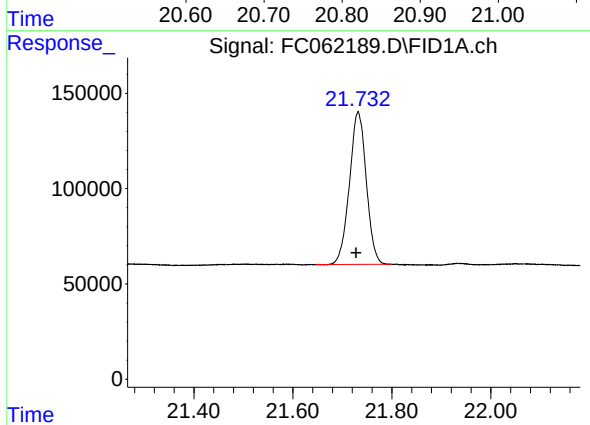
R.T.: 20.080 min
Delta R.T.: 0.005 min
Response: 2055985
Conc: 19.62 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.817 min
Delta R.T.: 0.006 min
Response: 1976858
Conc: 19.10 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.732 min
Delta R.T.: 0.004 min
Response: 1893400
Conc: 18.44 ug/ml