

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC122822AL\
 Data File : FC062502.D
 Signal(s) : FID1A.ch
 Acq On : 29 Dec 2022 00:58
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Dec 29 03:44:08 2022
 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)	11.567	2854798	20.238 ug/ml
Spiked Amount 50.000		Recovery =	40.48%
12) S 1-chlorooctadecane (S...	13.007	2148373	20.157 ug/ml
Spiked Amount 50.000		Recovery =	40.31%
Target Compounds			
1) T n-Nonane (C9)	3.315	2629727	20.447 ug/ml
2) T n-Decane (C10)	4.385	2599733	20.898 ug/ml
3) T A~Naphthalene (C11.7)	5.973	2932333	20.665 ug/ml
4) T n-Dodecane (C12)	6.410	2603232	20.783 ug/ml
5) T A~2-methylnaphthalene...	7.032	2741919	21.325 ug/ml
6) T n-Tetradecane (C14)	8.208	2569971	21.103 ug/ml
7) T n-Hexadecane (C16)	9.810	2599026	20.707 ug/ml
8) T n-Octadecane (C18)	11.252	2613118	20.454 ug/ml
10) T n-Eicosane (C20)	12.562	2509151	20.171 ug/ml
11) T n-Heneicosane (C21)	13.175	2491390	20.161 ug/ml
13) T n-Docosane (C22)	13.759	2449979	20.169 ug/ml
14) T n-Tetracosane (C24)	14.861	2390575	19.944 ug/ml
15) T n-Hexacosane (C26)	15.881	2309408	19.880 ug/ml
16) T n-Octacosane (C28)	16.830	2260315	19.888 ug/ml
17) T n-Tricontane (C30)	17.715	2235716	19.997 ug/ml
18) T n-Dotriacontane (C32)	18.547	2252416	20.270 ug/ml
19) T n-Tetratriacontane (C34)	19.328	2237475	20.682 ug/ml
20) T n-Hexatriacontane (C36)	20.066	2200814	21.678 ug/ml
21) T n-Octatriacontane (C38)	20.802	2141268	20.929 ug/ml
22) T n-Tetracontane (C40)	21.710	2246440	22.166 ug/ml

(f)=RT Delta > 1/2 Window

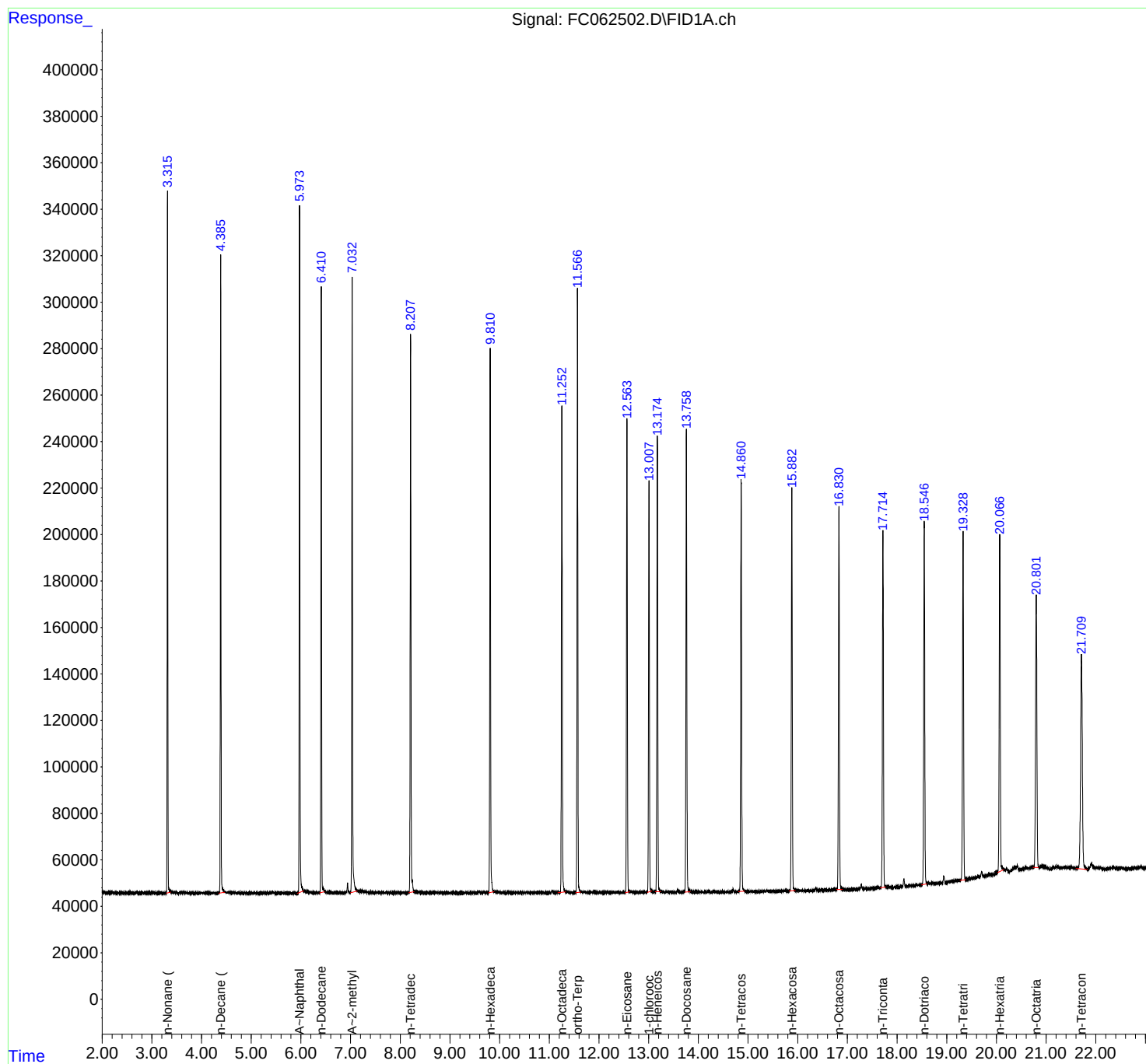
(m)=manual int.

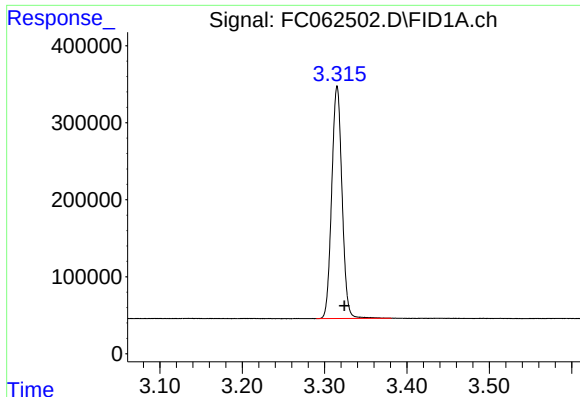
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC122822AL\
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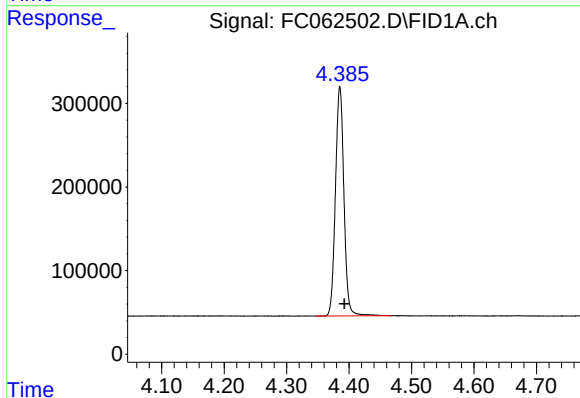




#1 n-Nonane (C9)

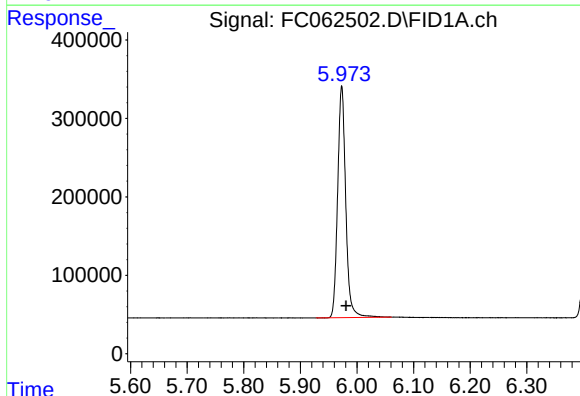
R.T.: 3.315 min
Delta R.T.: -0.009 min
Response: 2629727
Conc: 20.45 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



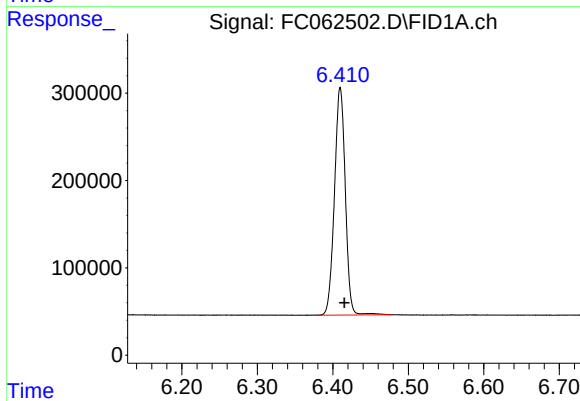
#2 n-Decane (C10)

R.T.: 4.385 min
Delta R.T.: -0.007 min
Response: 2599733
Conc: 20.90 ug/ml



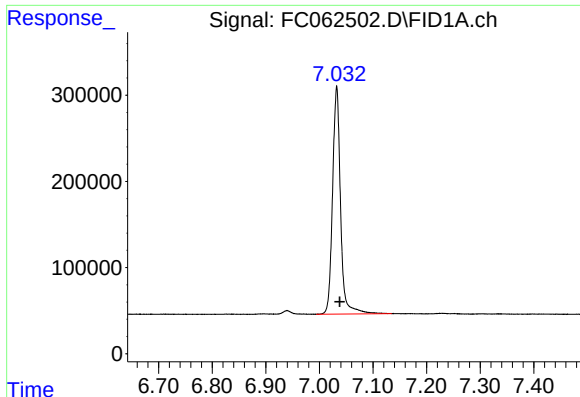
#3 A~Naphthalene (C11.7)

R.T.: 5.973 min
Delta R.T.: -0.008 min
Response: 2932333
Conc: 20.66 ug/ml



#4 n-Dodecane (C12)

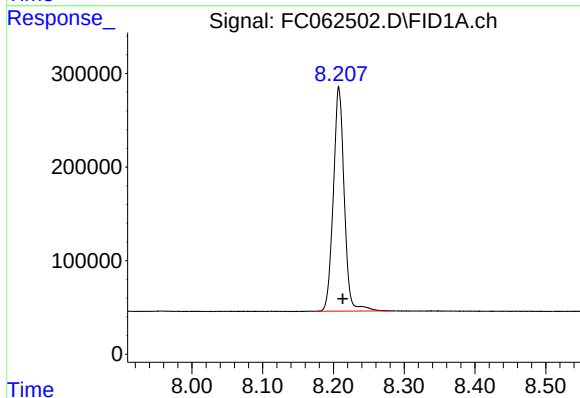
R.T.: 6.410 min
Delta R.T.: -0.005 min
Response: 2603232
Conc: 20.78 ug/ml



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

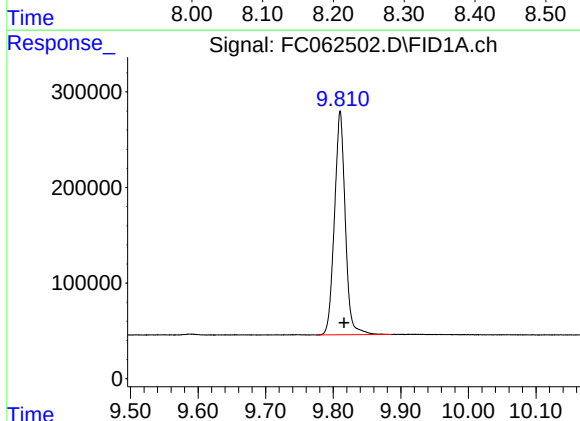
R.T.: 7.032 min
Delta R.T.: -0.006 min
Response: 2741919
Conc: 21.32 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



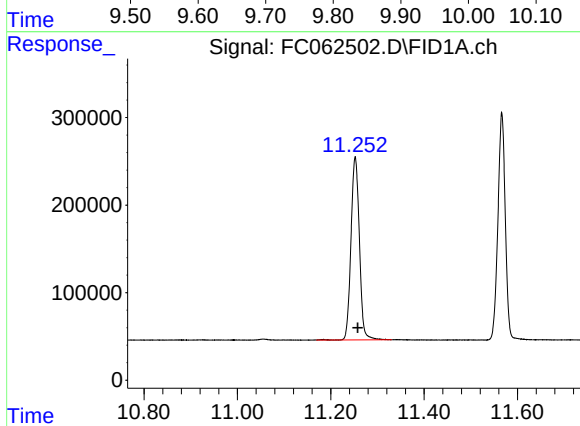
#6 n-Tetradecane (C14)

R.T.: 8.208 min
Delta R.T.: -0.005 min
Response: 2569971
Conc: 21.10 ug/ml



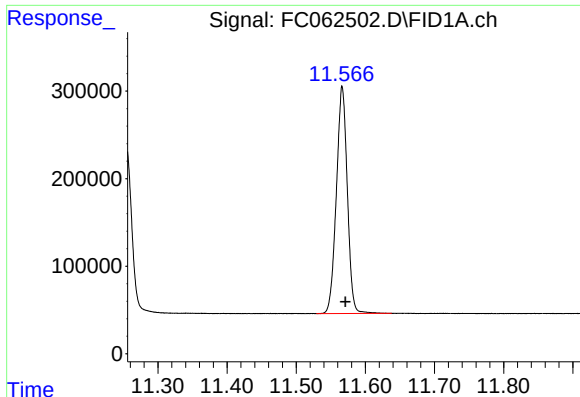
#7 n-Hexadecane (C16)

R.T.: 9.810 min
Delta R.T.: -0.006 min
Response: 2599026
Conc: 20.71 ug/ml



#8 n-Octadecane (C18)

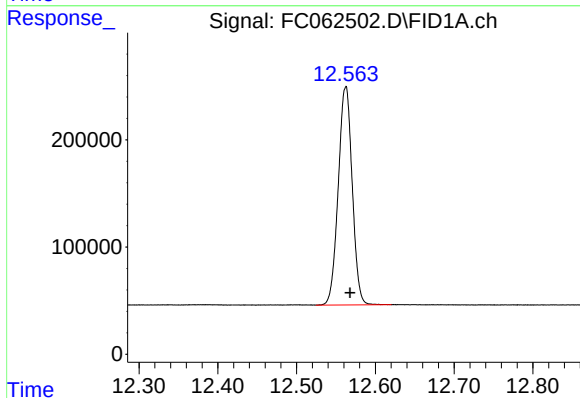
R.T.: 11.252 min
Delta R.T.: -0.005 min
Response: 2613118
Conc: 20.45 ug/ml



#9 ortho-Terphenyl (SURR)

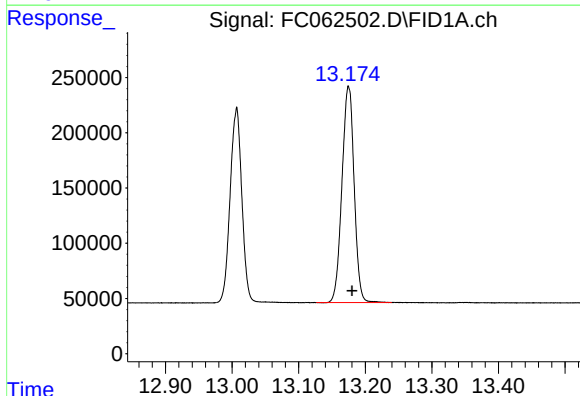
R.T.: 11.567 min
Delta R.T.: -0.005 min
Response: 2854798
Conc: 20.24 ug/ml

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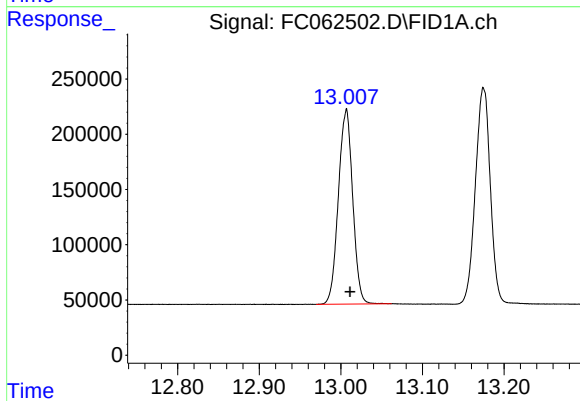
#10 n-Eicosane (C20)

R.T.: 12.562 min
Delta R.T.: -0.005 min
Response: 2509151
Conc: 20.17 ug/ml



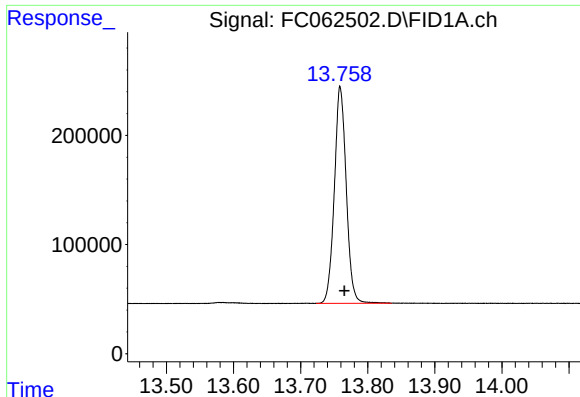
#11 n-Heneicosane (C21)

R.T.: 13.175 min
Delta R.T.: -0.005 min
Response: 2491390
Conc: 20.16 ug/ml



#12 1-chlorooctadecane (SURR)

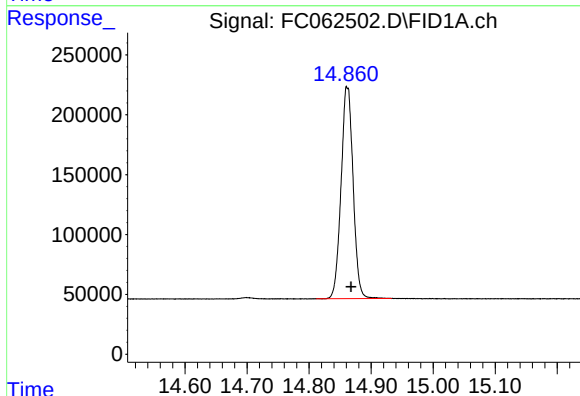
R.T.: 13.007 min
Delta R.T.: -0.005 min
Response: 2148373
Conc: 20.16 ug/ml



#13 n-Docosane (C22)

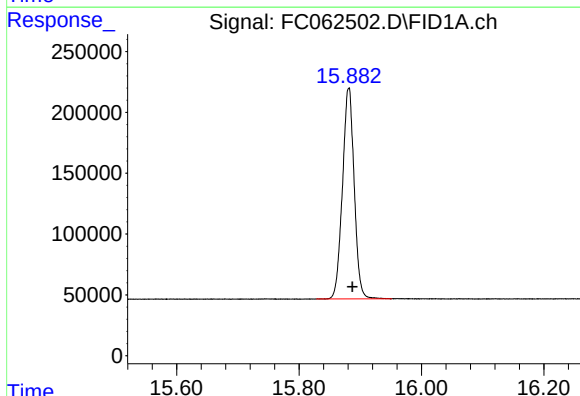
R.T.: 13.759 min
Delta R.T.: -0.006 min
Response: 2449979
Conc: 20.17 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



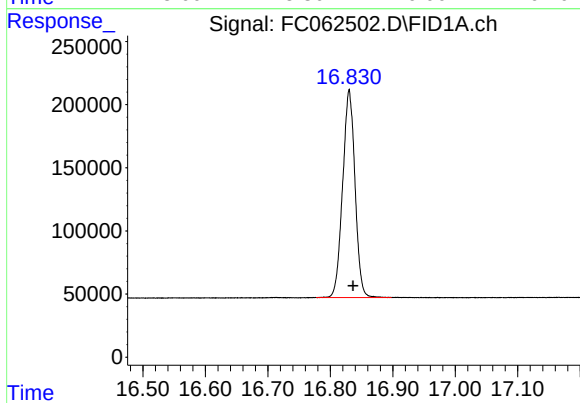
#14 n-Tetracosane (C24)

R.T.: 14.861 min
Delta R.T.: -0.006 min
Response: 2390575
Conc: 19.94 ug/ml



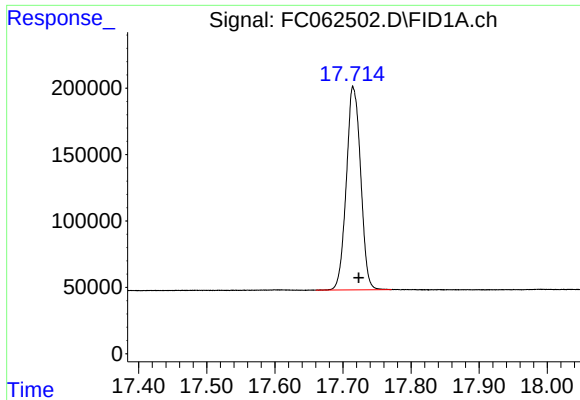
#15 n-Hexacosane (C26)

R.T.: 15.881 min
Delta R.T.: -0.006 min
Response: 2309408
Conc: 19.88 ug/ml



#16 n-Octacosane (C28)

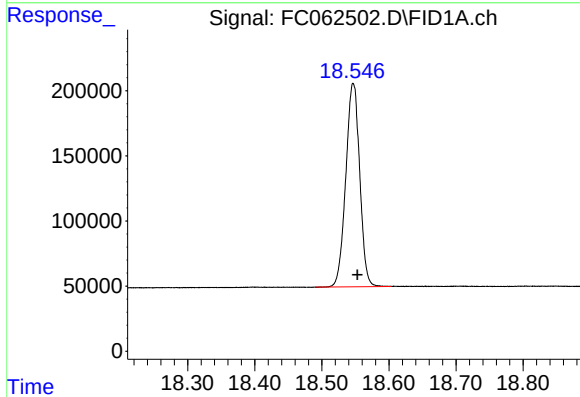
R.T.: 16.830 min
Delta R.T.: -0.006 min
Response: 2260315
Conc: 19.89 ug/ml



#17 n-Tricontane (C30)

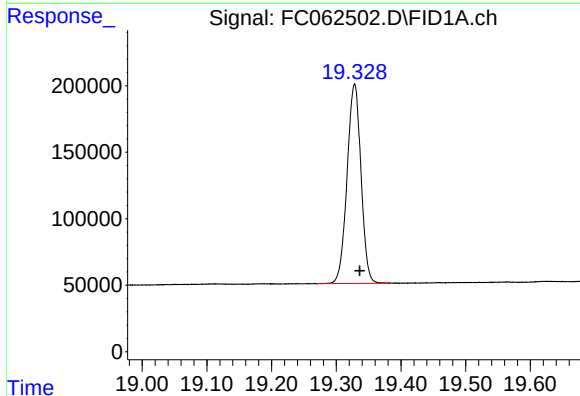
R.T.: 17.715 min
Delta R.T.: -0.008 min
Response: 2235716
Conc: 20.00 ug/ml

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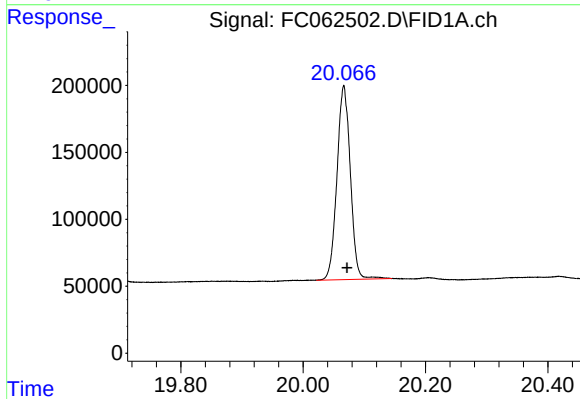
#18 n-Dotriacontane (C32)

R.T.: 18.547 min
Delta R.T.: -0.006 min
Response: 2252416
Conc: 20.27 ug/ml



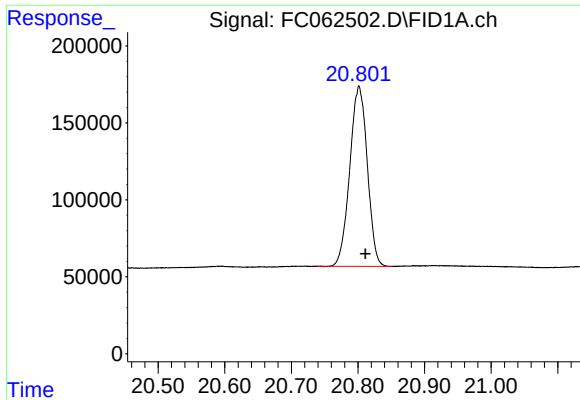
#19 n-Tetratriacontane (C34)

R.T.: 19.328 min
Delta R.T.: -0.008 min
Response: 2237475
Conc: 20.68 ug/ml



#20 n-Hexatriacontane (C36)

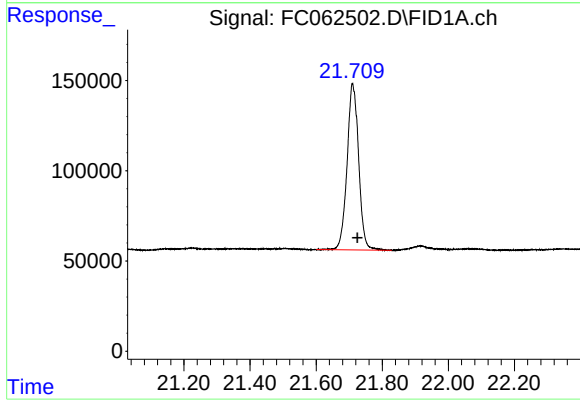
R.T.: 20.066 min
Delta R.T.: -0.005 min
Response: 2200814
Conc: 21.68 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.802 min
Delta R.T.: -0.010 min
Response: 2141268
Conc: 20.93 ug/ml

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FID_C
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.710 min
Delta R.T.: -0.015 min
Response: 2246440
Conc: 22.17 ug/ml