

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102822AL\
 Data File : FC062034.D
 Signal(s) : FID1A.ch
 Acq On : 29 Oct 2022 21:51
 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: Oct 30 01:55:53 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 101722.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 17 23:26:31 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)	11.583	2901355	19.519 ug/ml
Spiked Amount 50.000		Recovery =	39.04%
12) S 1-chlorooctadecane (S...	13.019	2286126	19.623 ug/ml
Spiked Amount 50.000		Recovery =	39.25%
Target Compounds			
1) T n-Nonane (C9)	3.352	2696240	19.168 ug/ml
2) T n-Decane (C10)	4.417	2763986	19.363 ug/ml
3) T A~Naphthalene (C11.7)	6.001	2928659	18.974 ug/ml
4) T n-Dodecane (C12)	6.431	2805296	19.324 ug/ml
5) T A~2-methylnaphthalene...	7.055	2884692	19.016 ug/ml
6) T n-Tetradecane (C14)	8.226	2811004	19.338 ug/ml
7) T n-Hexadecane (C16)	9.826	2842343	19.518 ug/ml
8) T n-Octadecane (C18)	11.267	2847491	19.700 ug/ml
10) T n-Eicosane (C20)	12.575	2790767	19.773 ug/ml
11) T n-Heneicosane (C21)	13.186	2745915	19.790 ug/ml
13) T n-Docosane (C22)	13.772	2696248	19.668 ug/ml
14) T n-Tetracosane (C24)	14.874	2582652	19.546 ug/ml
15) T n-Hexacosane (C26)	15.893	2486053	19.730 ug/ml
16) T n-Octacosane (C28)	16.842	2453944	20.347 ug/ml
17) T n-Tricontane (C30)	17.731	2619188	22.013 ug/ml
18) T n-Dotriacontane (C32)	18.561	2693150	22.858 ug/ml
19) T n-Tetratriacontane (C34)	19.344	2552115	22.590 ug/ml
20) T n-Hexatriacontane (C36)	20.084	2473317	21.809 ug/ml
21) T n-Octatriacontane (C38)	20.817	2387173	21.216 ug/ml
22) T n-Tetracontane (C40)	21.728	2291381	20.410 ug/ml

(f)=RT Delta > 1/2 Window

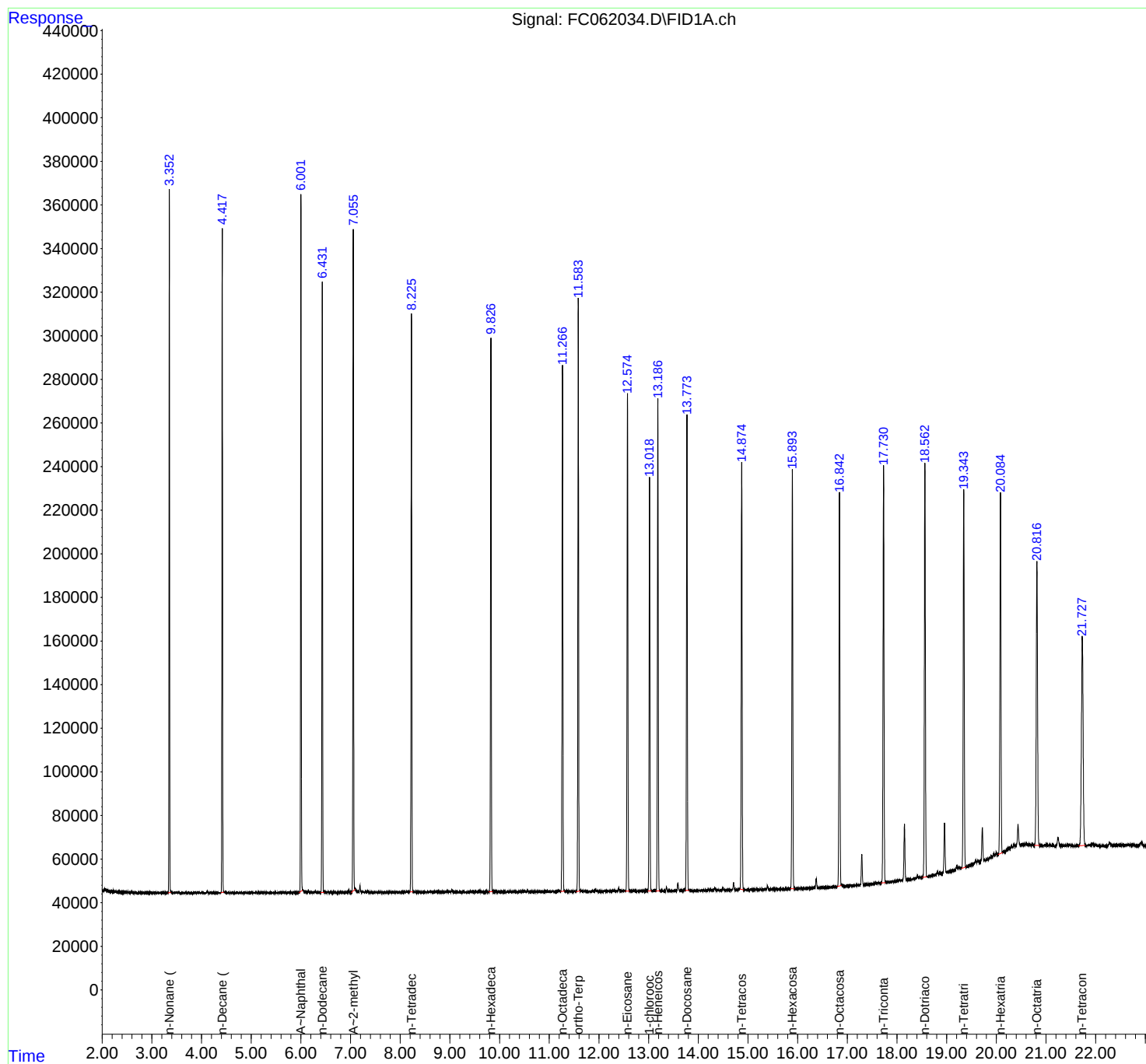
(m)=manual int.

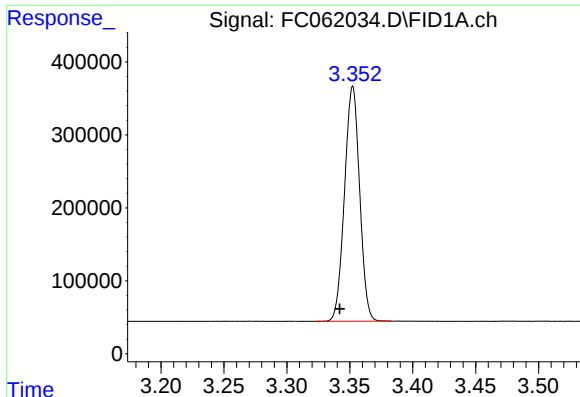
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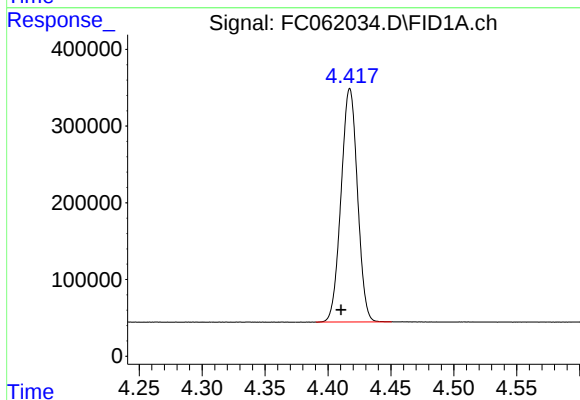




#1 n-Nonane (C9)

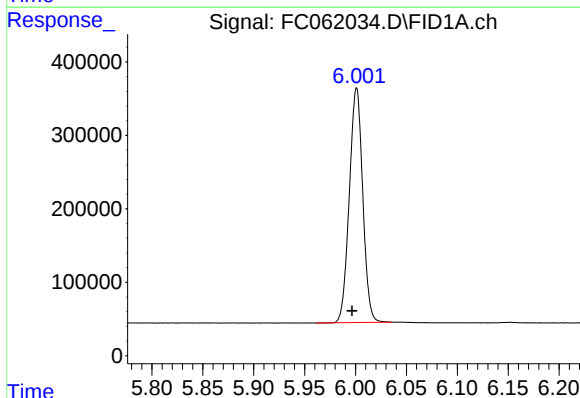
R.T.: 3.352 min
Delta R.T.: 0.010 min
Response: 2696240
Conc: 19.17 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



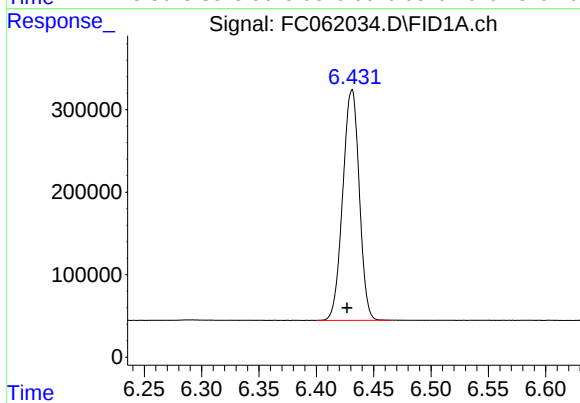
#2 n-Decane (C10)

R.T.: 4.417 min
Delta R.T.: 0.007 min
Response: 2763986
Conc: 19.36 ug/ml



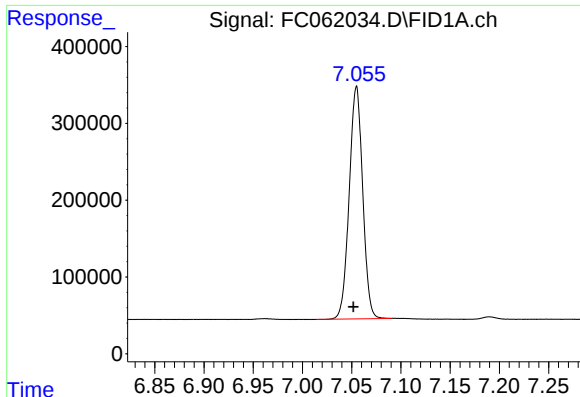
#3 A~Naphthalene (C11.7)

R.T.: 6.001 min
Delta R.T.: 0.005 min
Response: 2928659
Conc: 18.97 ug/ml



#4 n-Dodecane (C12)

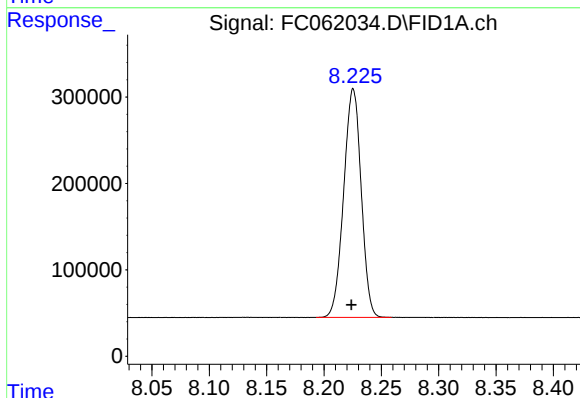
R.T.: 6.431 min
Delta R.T.: 0.004 min
Response: 2805296
Conc: 19.32 ug/ml



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

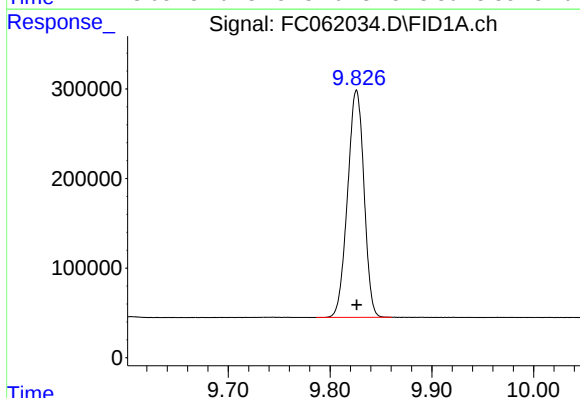
R.T.: 7.055 min
Delta R.T.: 0.003 min
Response: 2884692
Conc: 19.02 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



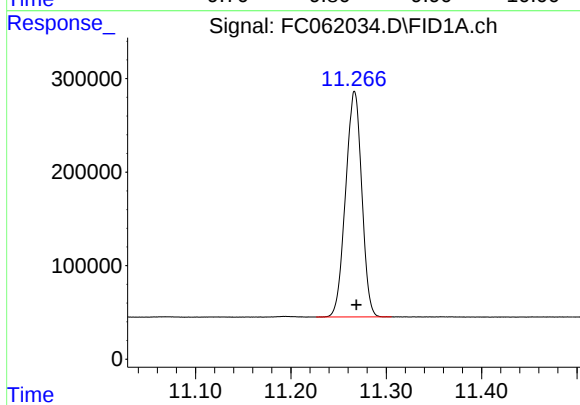
#6 n-Tetradecane (C14)

R.T.: 8.226 min
Delta R.T.: 0.002 min
Response: 2811004
Conc: 19.34 ug/ml



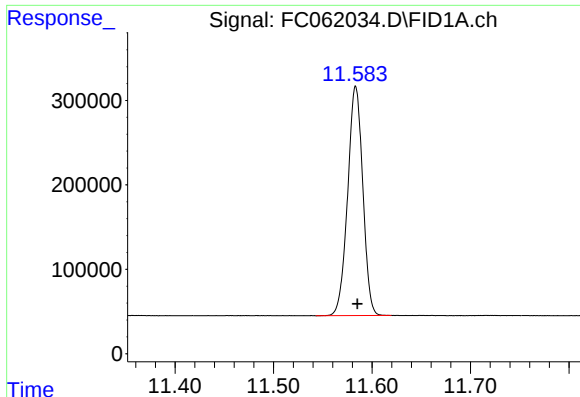
#7 n-Hexadecane (C16)

R.T.: 9.826 min
Delta R.T.: 0.000 min
Response: 2842343
Conc: 19.52 ug/ml



#8 n-Octadecane (C18)

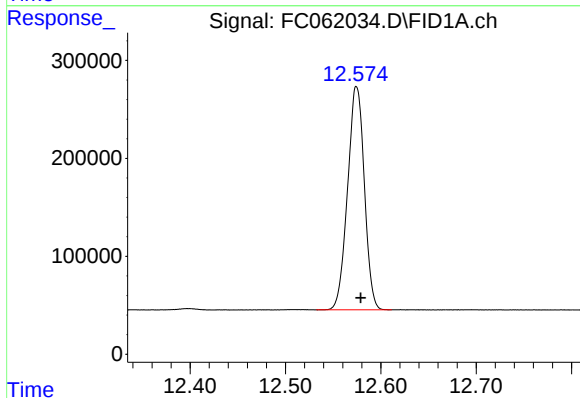
R.T.: 11.267 min
Delta R.T.: -0.002 min
Response: 2847491
Conc: 19.70 ug/ml



#9 ortho-Terphenyl (SURR)

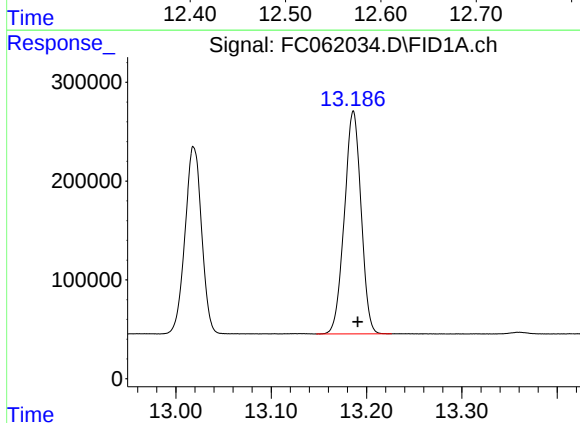
R.T.: 11.583 min
Delta R.T.: -0.002 min
Response: 2901355
Conc: 19.52 ug/ml

Instrument :
FID_C
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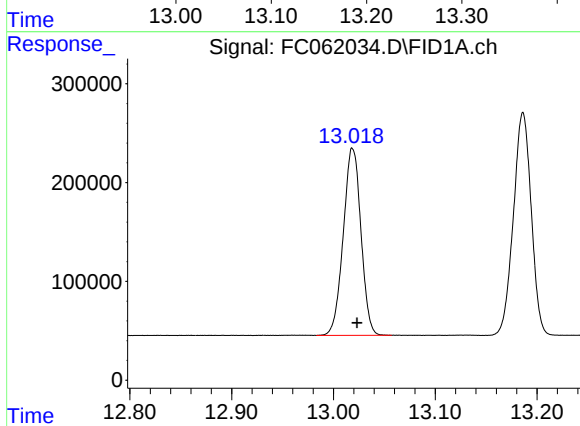
#10 n-Eicosane (C20)

R.T.: 12.575 min
Delta R.T.: -0.004 min
Response: 2790767
Conc: 19.77 ug/ml



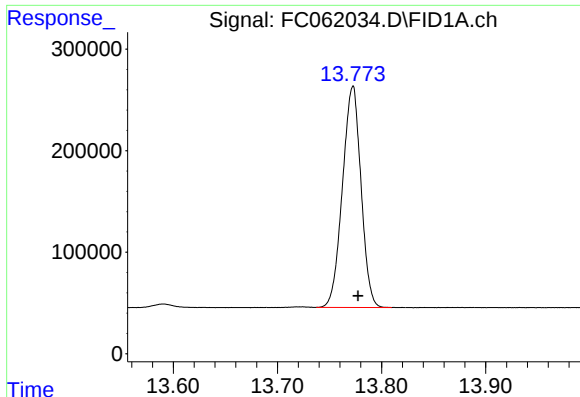
#11 n-Heneicosane (C21)

R.T.: 13.186 min
Delta R.T.: -0.005 min
Response: 2745915
Conc: 19.79 ug/ml



#12 1-chlorooctadecane (SURR)

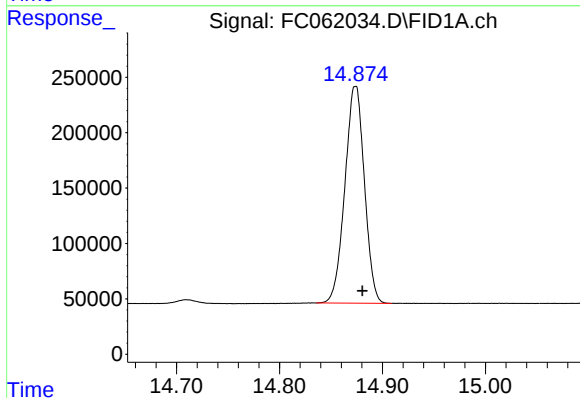
R.T.: 13.019 min
Delta R.T.: -0.005 min
Response: 2286126
Conc: 19.62 ug/ml



#13 n-Docosane (C22)

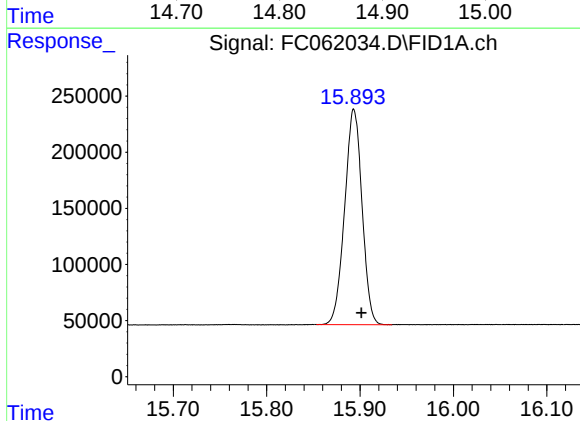
R.T.: 13.772 min
Delta R.T.: -0.005 min
Response: 2696248
Conc: 19.67 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



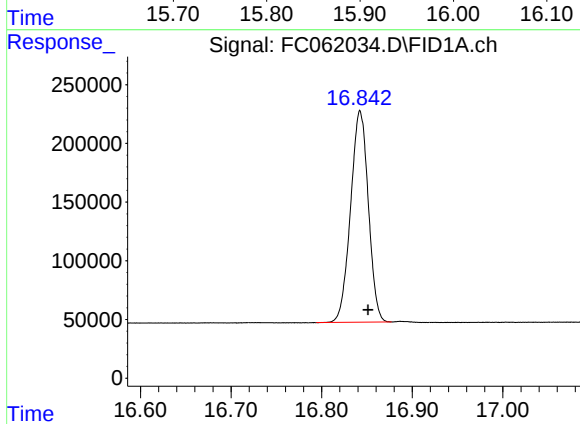
#14 n-Tetracosane (C24)

R.T.: 14.874 min
Delta R.T.: -0.007 min
Response: 2582652
Conc: 19.55 ug/ml



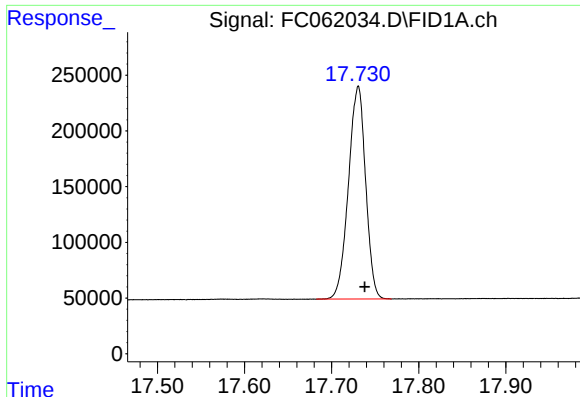
#15 n-Hexacosane (C26)

R.T.: 15.893 min
Delta R.T.: -0.008 min
Response: 2486053
Conc: 19.73 ug/ml



#16 n-Octacosane (C28)

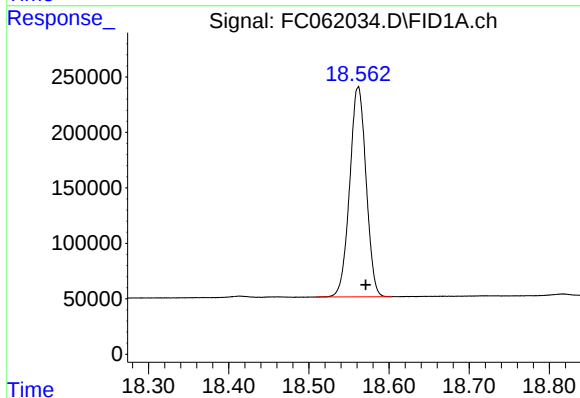
R.T.: 16.842 min
Delta R.T.: -0.009 min
Response: 2453944
Conc: 20.35 ug/ml



#17 n-Tricontane (C30)

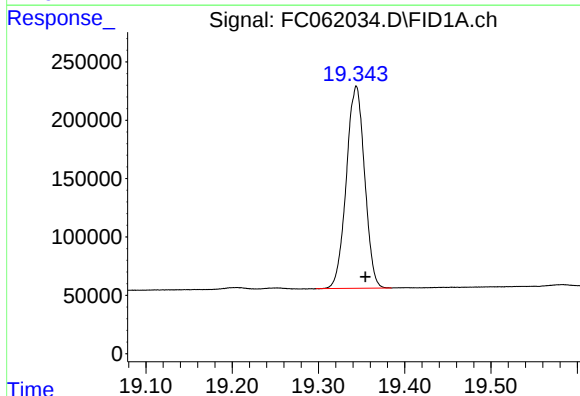
R.T.: 17.731 min
Delta R.T.: -0.007 min
Response: 2619188
Conc: 22.01 ug/ml

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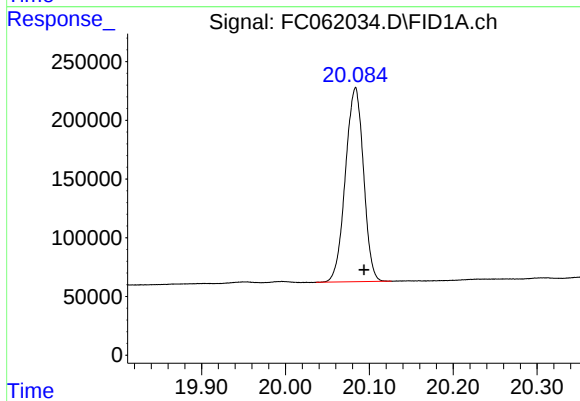
#18 n-Dotriacontane (C32)

R.T.: 18.561 min
Delta R.T.: -0.009 min
Response: 2693150
Conc: 22.86 ug/ml



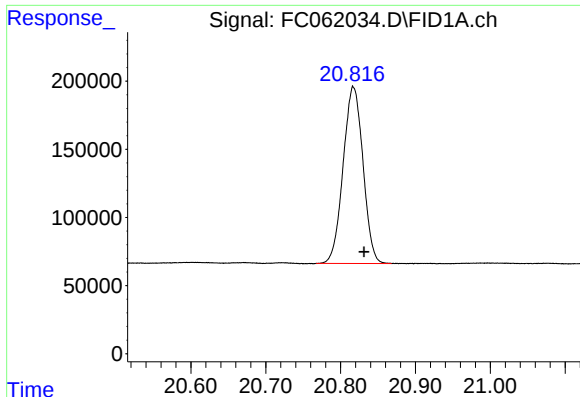
#19 n-Tetratriacontane (C34)

R.T.: 19.344 min
Delta R.T.: -0.011 min
Response: 2552115
Conc: 22.59 ug/ml



#20 n-Hexatriacontane (C36)

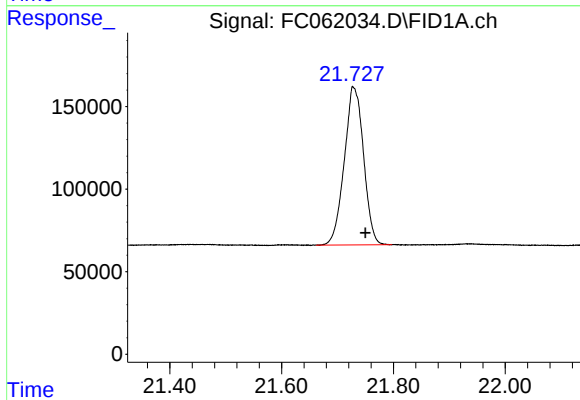
R.T.: 20.084 min
Delta R.T.: -0.010 min
Response: 2473317
Conc: 21.81 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.817 min
Delta R.T.: -0.014 min
Response: 2387173
Conc: 21.22 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.728 min
Delta R.T.: -0.022 min
Response: 2291381
Conc: 20.41 ug/ml