

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC101022AL\
 Data File : FC061733.D
 Signal(s) : FID1A.ch
 Acq On : 10 Oct 2022 09:57
 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 10 12:30:39 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 092022.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 20 18:33:32 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	3320967	19.433 ug/ml
Spiked Amount 50.000		Recovery =	38.87%
12) S 1-chlorooctadecane (S...	13.020	2617502	19.160 ug/ml
Spiked Amount 50.000		Recovery =	38.32%
Target Compounds			
1) T n-Nonane (C9)	3.343	2846655	19.071 ug/ml
2) T n-Decane (C10)	4.410	2936763	19.469 ug/ml
3) T A~Naphthalene (C11.7)	5.994	3180268	19.177 ug/ml
4) T n-Dodecane (C12)	6.426	2979488	19.594 ug/ml
5) T A~2-methylnaphthalene...	7.049	3164958	19.240 ug/ml
6) T n-Tetradecane (C14)	8.222	3008769	19.735 ug/ml
7) T n-Hexadecane (C16)	9.824	3067200	19.836 ug/ml
8) T n-Octadecane (C18)	11.266	3139044	19.912 ug/ml
10) T n-Eicosane (C20)	12.576	3151763	19.778 ug/ml
11) T n-Heneicosane (C21)	13.187	3135368	19.543 ug/ml
13) T n-Docosane (C22)	13.774	3212156	19.993 ug/ml
14) T n-Tetracosane (C24)	14.877	3271338	20.421 ug/ml
15) T n-Hexacosane (C26)	15.897	3285937	20.728 ug/ml
16) T n-Octacosane (C28)	16.847	3312037	21.368 ug/ml
17) T n-Tricontane (C30)	17.734	3340575	21.707 ug/ml
18) T n-Dotriacontane (C32)	18.565	3162437	20.915 ug/ml
19) T n-Tetratriacontane (C34)	19.349	2770235	19.537 ug/ml
20) T n-Hexatriacontane (C36)	20.087	2524435	18.286 ug/ml
21) T n-Octatriacontane (C38)	20.822	2373138	18.325 ug/ml
22) T n-Tetracontane (C40)	21.734	2205314	18.046 ug/ml

(f)=RT Delta > 1/2 Window

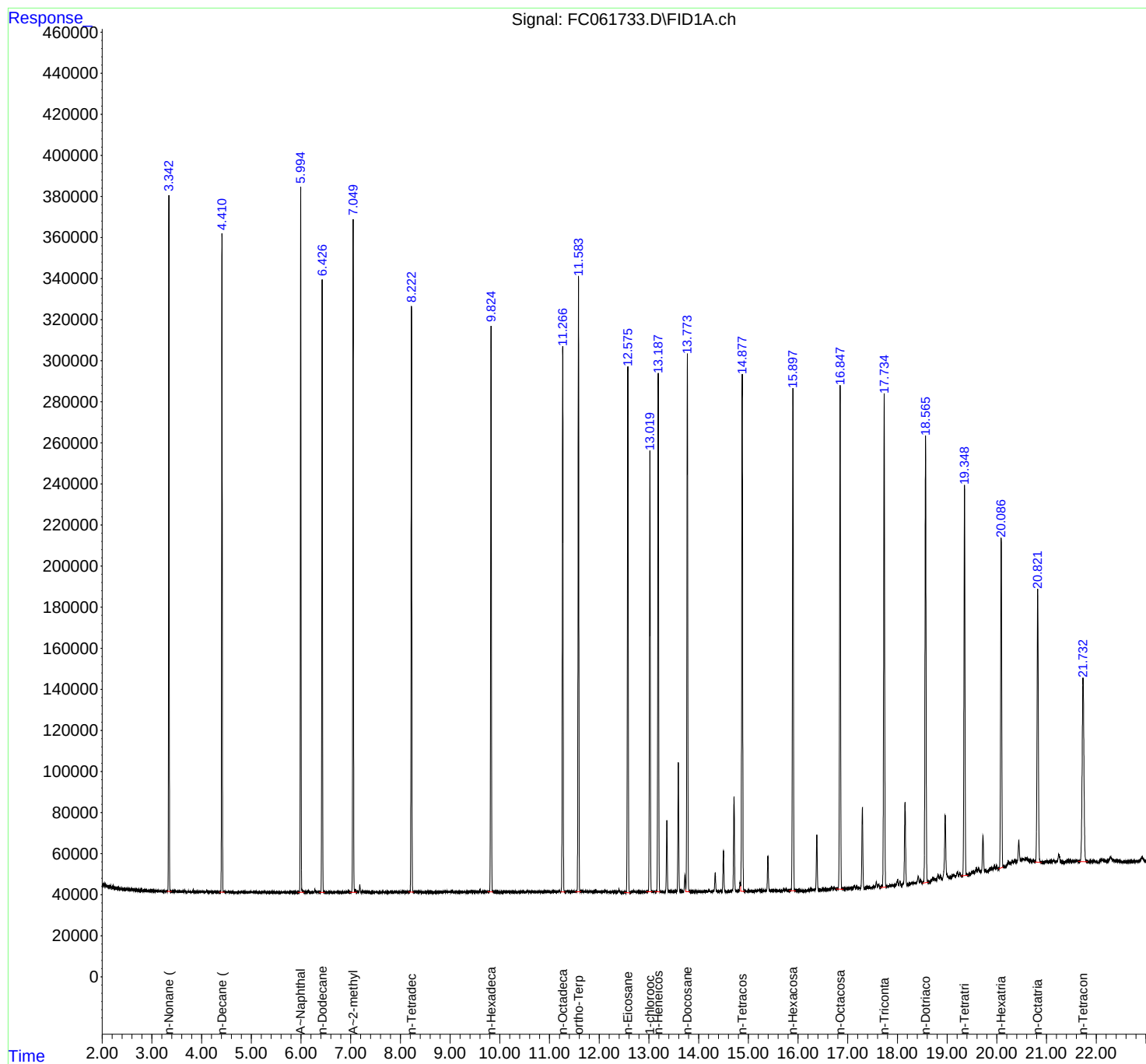
(m)=manual int.

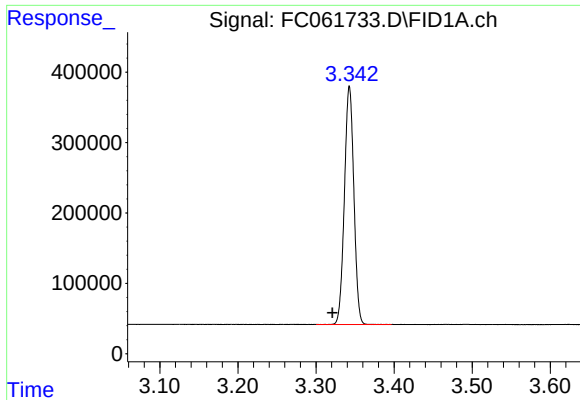
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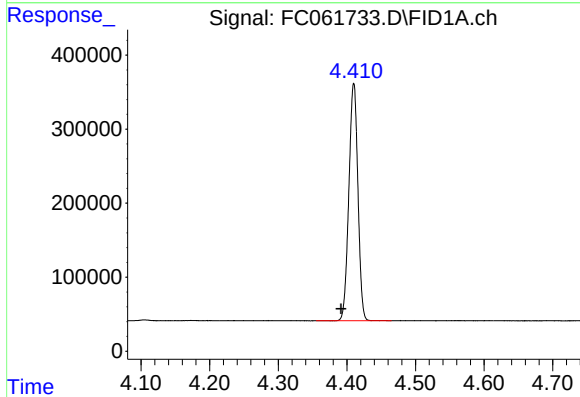




#1 n-Nonane (C9)

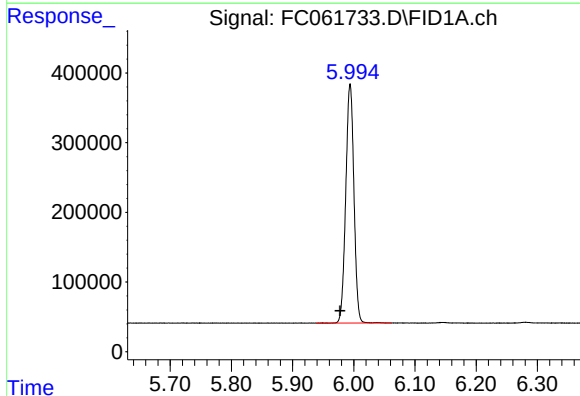
R.T.: 3.343 min
Delta R.T.: 0.022 min
Response: 2846655
Conc: 19.07 ug/ml

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20 PPM ALIPHATIC HC STD



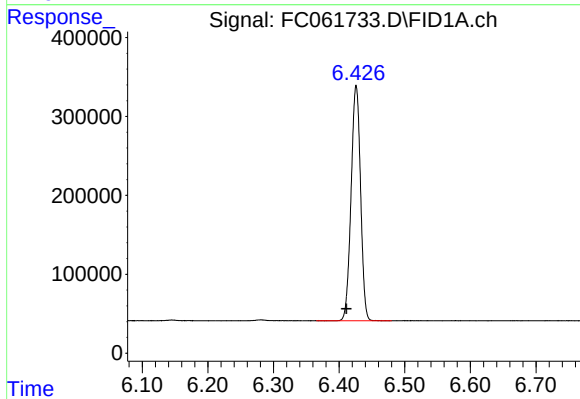
#2 n-Decane (C10)

R.T.: 4.410 min
Delta R.T.: 0.019 min
Response: 2936763
Conc: 19.47 ug/ml



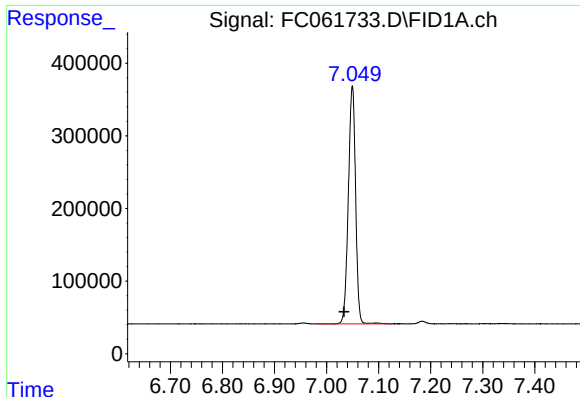
#3 A~Naphthalene (C11.7)

R.T.: 5.994 min
Delta R.T.: 0.017 min
Response: 3180268
Conc: 19.18 ug/ml



#4 n-Dodecane (C12)

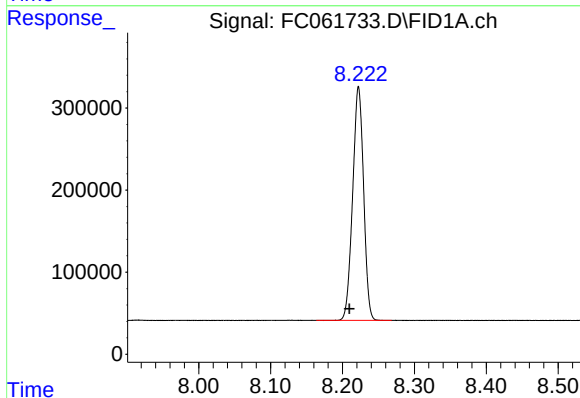
R.T.: 6.426 min
Delta R.T.: 0.015 min
Response: 2979488
Conc: 19.59 ug/ml



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

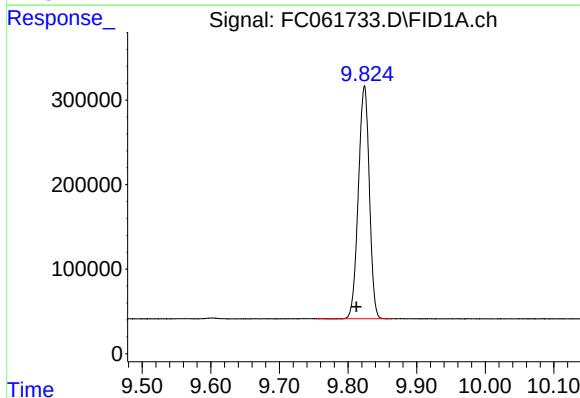
R.T.: 7.049 min
Delta R.T.: 0.016 min
Response: 3164958
Conc: 19.24 ug/ml

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20 PPM ALIPHATIC HC STD



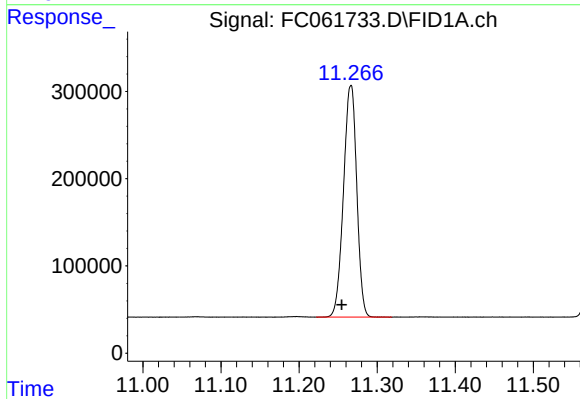
#6 n-Tetradecane (C14)

R.T.: 8.222 min
Delta R.T.: 0.013 min
Response: 3008769
Conc: 19.73 ug/ml



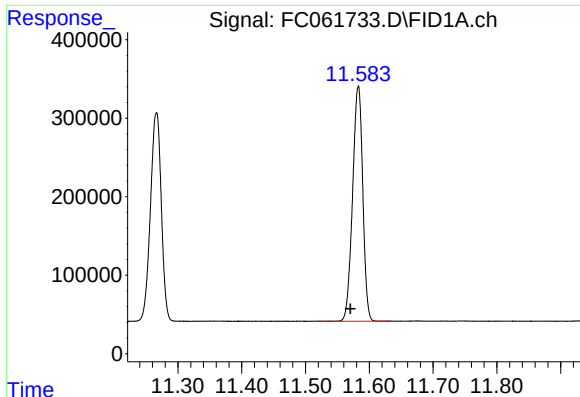
#7 n-Hexadecane (C16)

R.T.: 9.824 min
Delta R.T.: 0.012 min
Response: 3067200
Conc: 19.84 ug/ml



#8 n-Octadecane (C18)

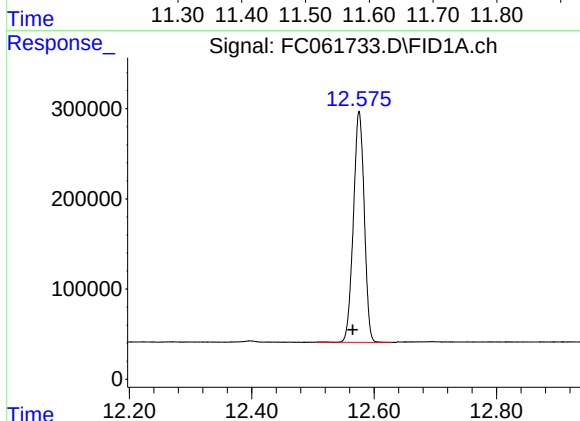
R.T.: 11.266 min
Delta R.T.: 0.011 min
Response: 3139044
Conc: 19.91 ug/ml



#9 ortho-Terphenyl (SURR)

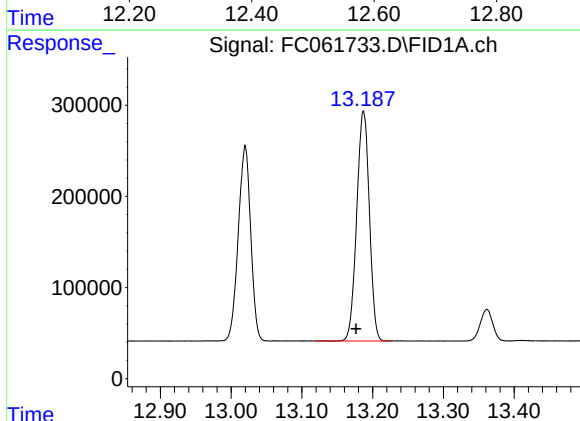
R.T.: 11.583 min
Delta R.T.: 0.012 min
Response: 3320967
Conc: 19.43 ug/ml

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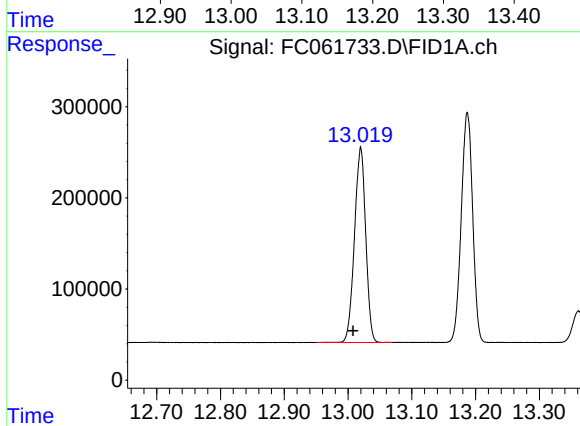
#10 n-Eicosane (C20)

R.T.: 12.576 min
Delta R.T.: 0.011 min
Response: 3151763
Conc: 19.78 ug/ml



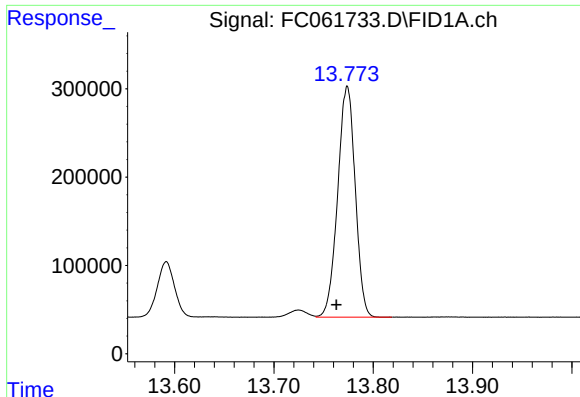
#11 n-Heneicosane (C21)

R.T.: 13.187 min
Delta R.T.: 0.010 min
Response: 3135368
Conc: 19.54 ug/ml



#12 1-chlorooctadecane (SURR)

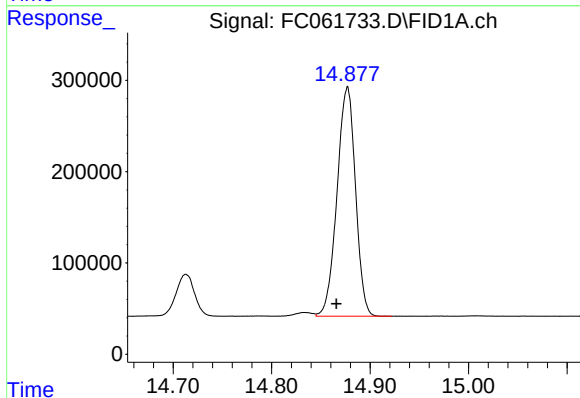
R.T.: 13.020 min
Delta R.T.: 0.011 min
Response: 2617502
Conc: 19.16 ug/ml



#13 n-Docosane (C22)

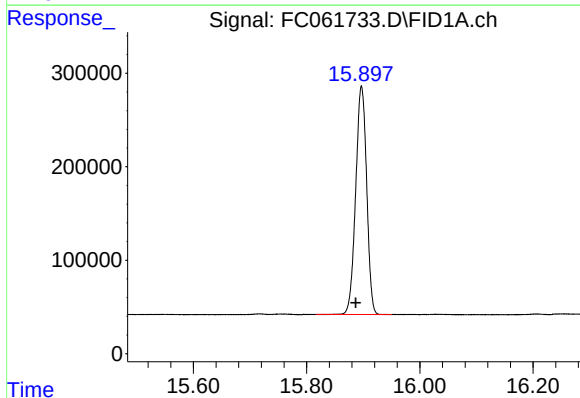
R.T.: 13.774 min
Delta R.T.: 0.011 min
Response: 3212156
Conc: 19.99 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



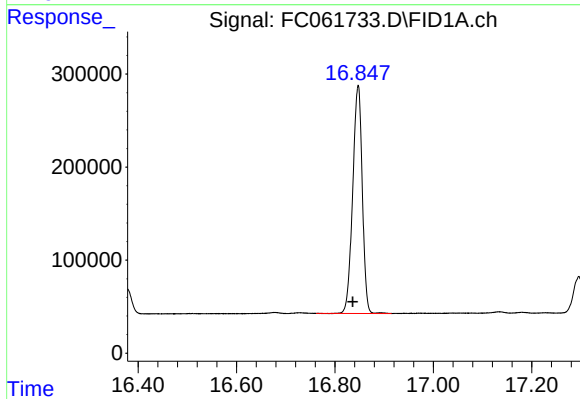
#14 n-Tetracosane (C24)

R.T.: 14.877 min
Delta R.T.: 0.011 min
Response: 3271338
Conc: 20.42 ug/ml



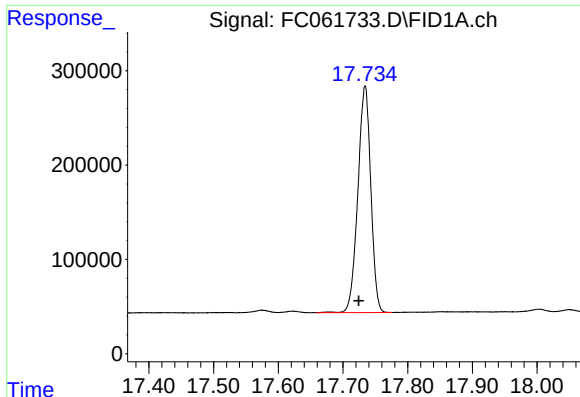
#15 n-Hexacosane (C26)

R.T.: 15.897 min
Delta R.T.: 0.010 min
Response: 3285937
Conc: 20.73 ug/ml



#16 n-Octacosane (C28)

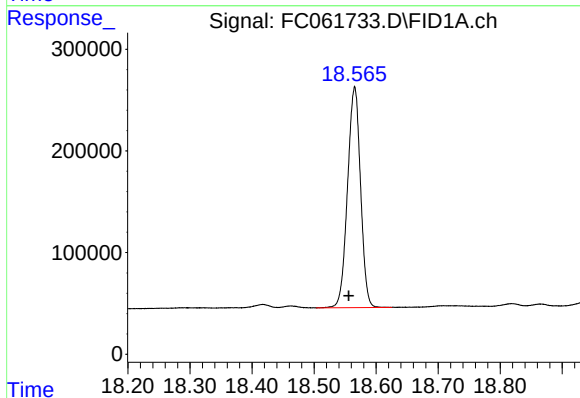
R.T.: 16.847 min
Delta R.T.: 0.011 min
Response: 3312037
Conc: 21.37 ug/ml



#17 n-Tricontane (C30)

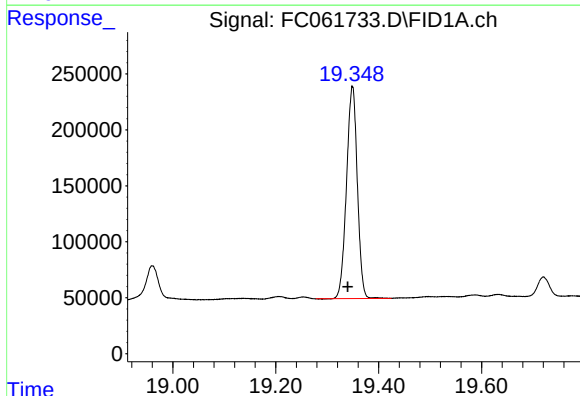
R.T.: 17.734 min
Delta R.T.: 0.010 min
Response: 3340575
Conc: 21.71 ug/ml

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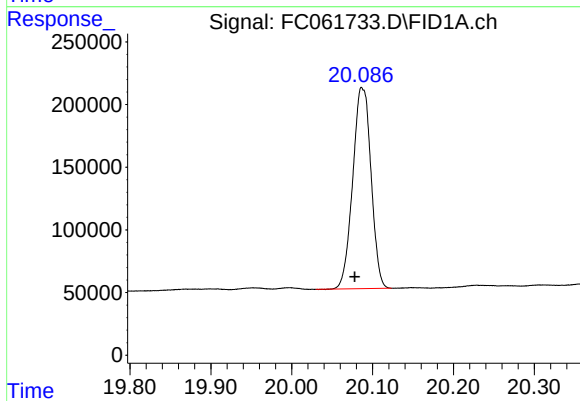
#18 n-Dotriacontane (C32)

R.T.: 18.565 min
Delta R.T.: 0.010 min
Response: 3162437
Conc: 20.92 ug/ml



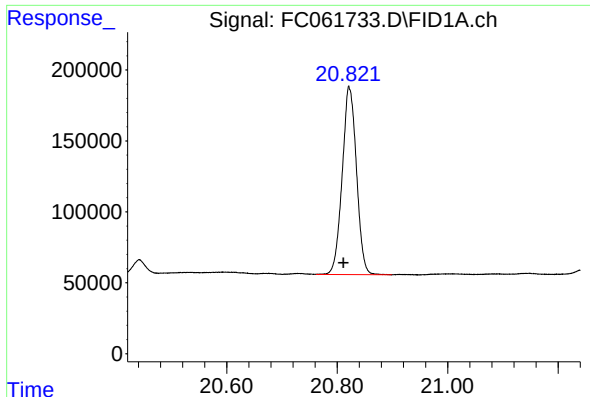
#19 n-Tetratriacontane (C34)

R.T.: 19.349 min
Delta R.T.: 0.009 min
Response: 2770235
Conc: 19.54 ug/ml



#20 n-Hexatriacontane (C36)

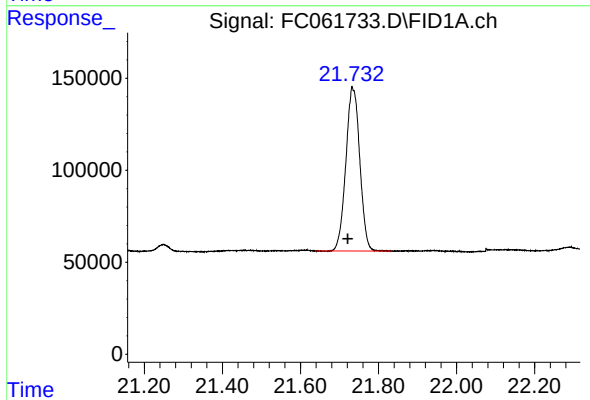
R.T.: 20.087 min
Delta R.T.: 0.009 min
Response: 2524435
Conc: 18.29 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.822 min
Delta R.T.: 0.011 min
Response: 2373138
Conc: 18.32 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.734 min
Delta R.T.: 0.013 min
Response: 2205314
Conc: 18.05 ug/ml