

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102522AL\
 Data File : FC061902.D
 Signal(s) : FID1A.ch
 Acq On : 25 Oct 2022 08:41
 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 26 03:14:16 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)	11.584	3022142	20.332 ug/ml
Spiked Amount 50.000		Recovery =	40.66%
12) S 1-chlorooctadecane (S...	13.021	2363810	20.290 ug/ml
Spiked Amount 50.000		Recovery =	40.58%
Target Compounds			
1) T n-Nonane (C9)	3.351	2789117	19.829 ug/ml
2) T n-Decane (C10)	4.416	2843381	19.919 ug/ml
3) T A~Naphthalene (C11.7)	5.999	3075507	19.925 ug/ml
4) T n-Dodecane (C12)	6.430	2880552	19.843 ug/ml
5) T A~2-methylnaphthalene...	7.054	3006849	19.821 ug/ml
6) T n-Tetradecane (C14)	8.225	2892691	19.900 ug/ml
7) T n-Hexadecane (C16)	9.826	2924821	20.085 ug/ml
8) T n-Octadecane (C18)	11.268	2931346	20.280 ug/ml
10) T n-Eicosane (C20)	12.576	2873567	20.360 ug/ml
11) T n-Heneicosane (C21)	13.188	2835248	20.433 ug/ml
13) T n-Docosane (C22)	13.774	2797187	20.404 ug/ml
14) T n-Tetracosane (C24)	14.876	2673426	20.233 ug/ml
15) T n-Hexacosane (C26)	15.895	2550079	20.238 ug/ml
16) T n-Octacosane (C28)	16.845	2445752	20.279 ug/ml
17) T n-Tricontane (C30)	17.732	2490522	20.932 ug/ml
18) T n-Dotriacontane (C32)	18.563	2472509	20.985 ug/ml
19) T n-Tetratriacontane (C34)	19.346	2337561	20.691 ug/ml
20) T n-Hexatriacontane (C36)	20.085	2314444	20.408 ug/ml
21) T n-Octatriacontane (C38)	20.820	2230154	19.820 ug/ml
22) T n-Tetracontane (C40)	21.734	2181276	19.429 ug/ml

(f)=RT Delta > 1/2 Window

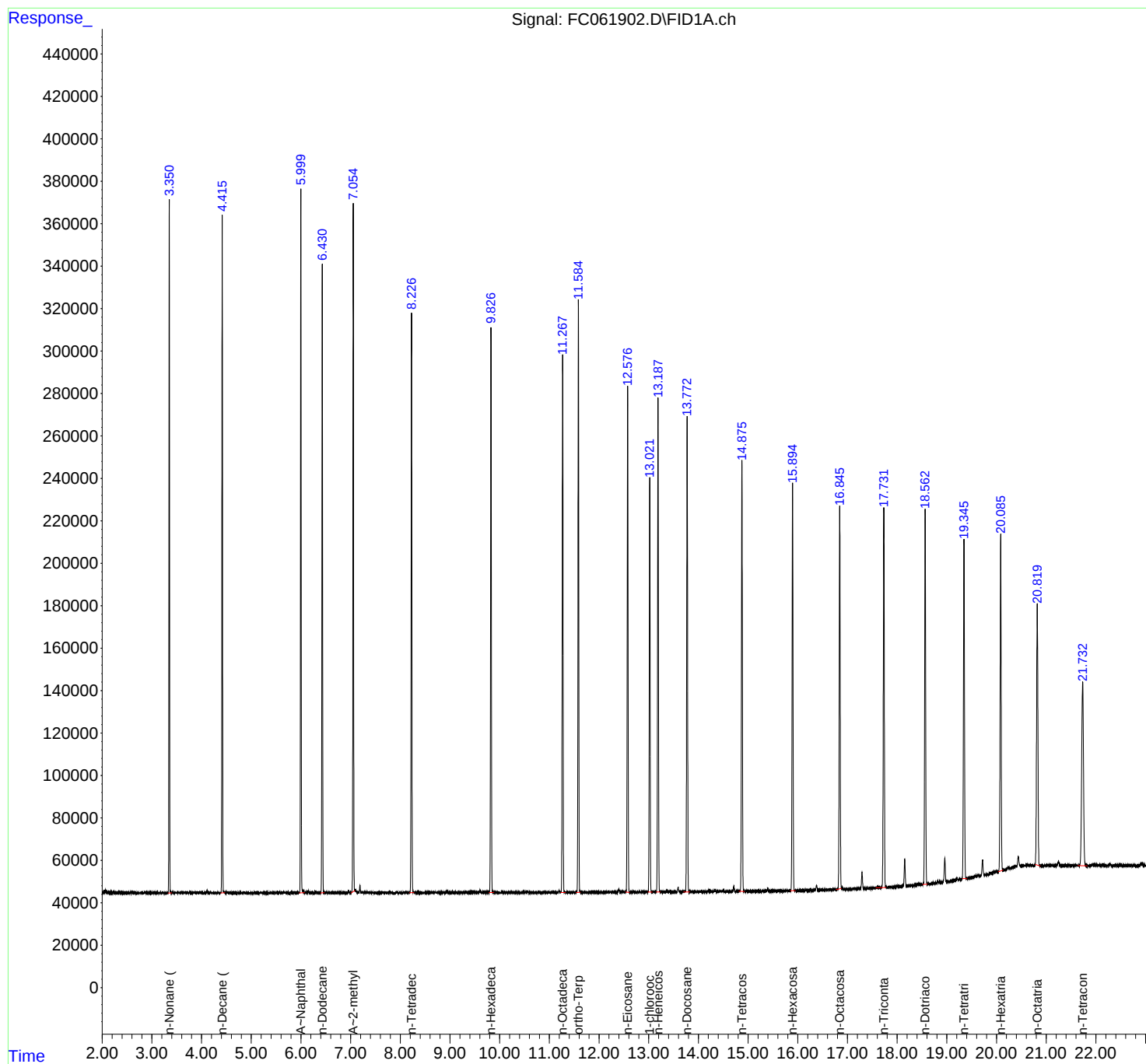
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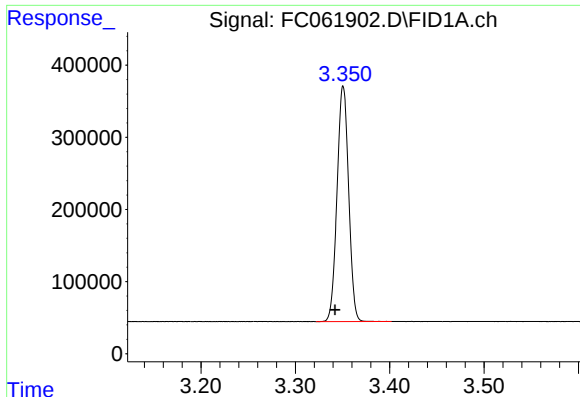
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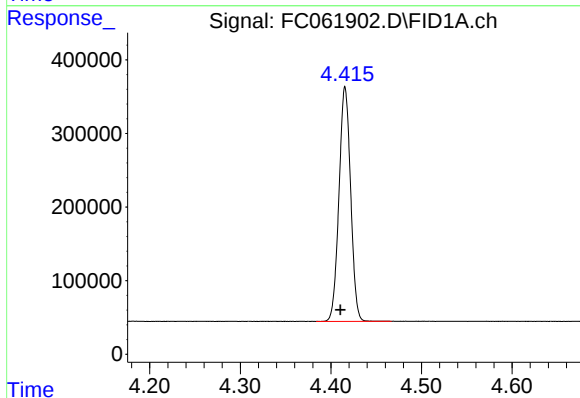




#1 n-Nonane (C9)

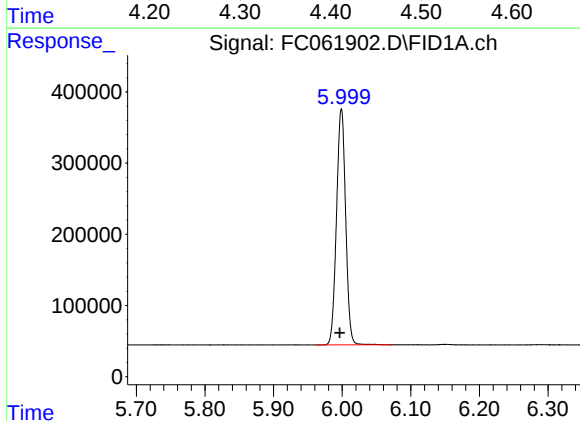
R.T.: 3.351 min
Delta R.T.: 0.009 min
Response: 2789117
Conc: 19.83 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



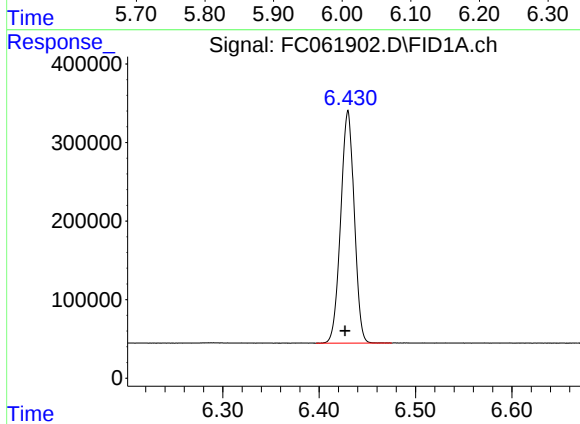
#2 n-Decane (C10)

R.T.: 4.416 min
Delta R.T.: 0.005 min
Response: 2843381
Conc: 19.92 ug/ml



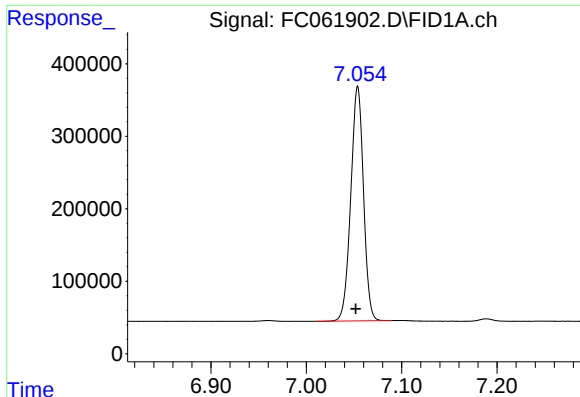
#3 A~Naphthalene (C11.7)

R.T.: 5.999 min
Delta R.T.: 0.002 min
Response: 3075507
Conc: 19.93 ug/ml



#4 n-Dodecane (C12)

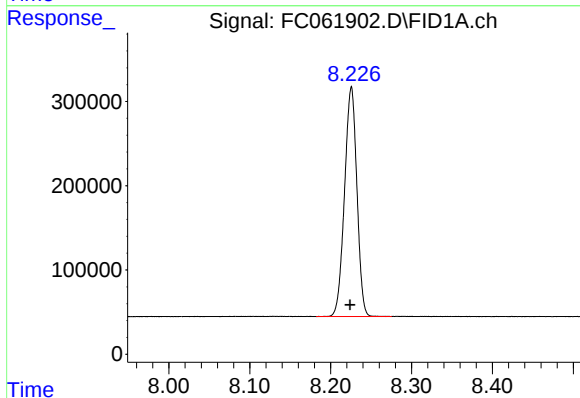
R.T.: 6.430 min
Delta R.T.: 0.003 min
Response: 2880552
Conc: 19.84 ug/ml



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

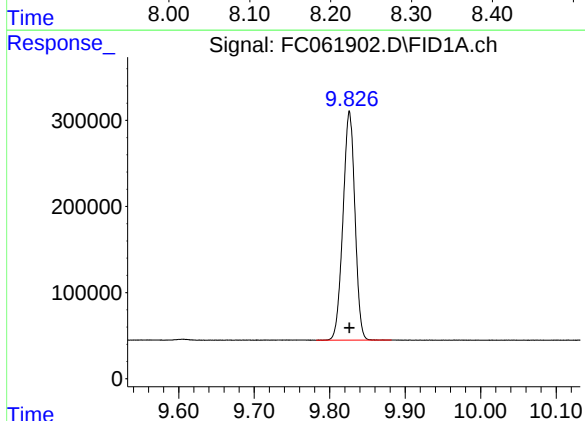
R.T.: 7.054 min
Delta R.T.: 0.002 min
Response: 3006849
Conc: 19.82 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



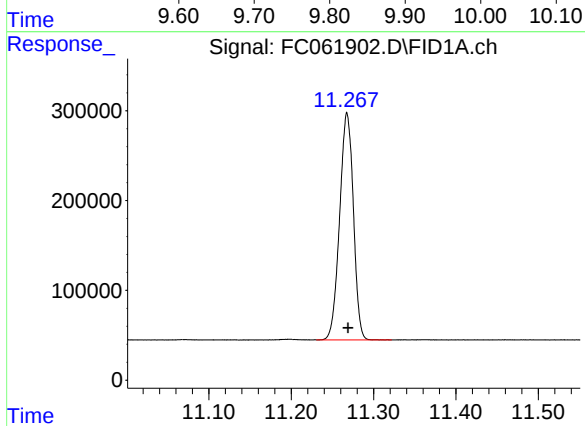
#6 n-Tetradecane (C14)

R.T.: 8.225 min
Delta R.T.: 0.001 min
Response: 2892691
Conc: 19.90 ug/ml



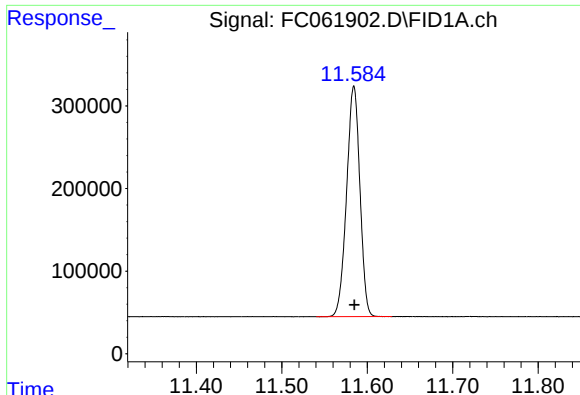
#7 n-Hexadecane (C16)

R.T.: 9.826 min
Delta R.T.: 0.000 min
Response: 2924821
Conc: 20.08 ug/ml



#8 n-Octadecane (C18)

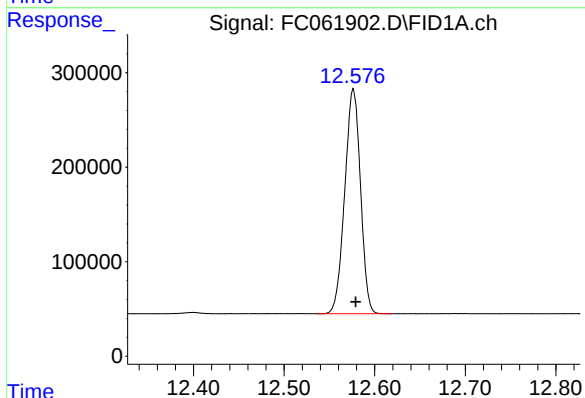
R.T.: 11.268 min
Delta R.T.: 0.000 min
Response: 2931346
Conc: 20.28 ug/ml



#9 ortho-Terphenyl (SURR)

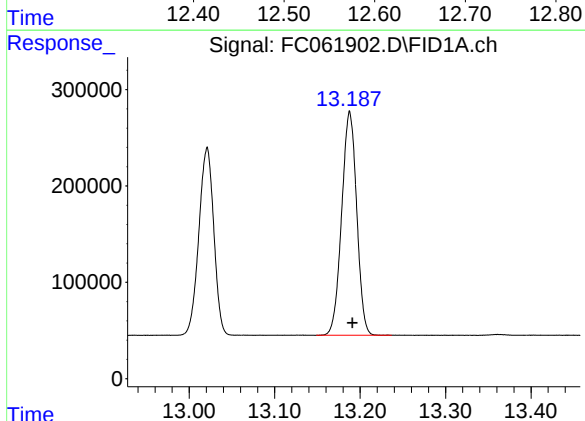
R.T.: 11.584 min
Delta R.T.: 0.000 min
Response: 3022142
Conc: 20.33 ug/ml

Instrument :
FID_C
ClientSampleId :
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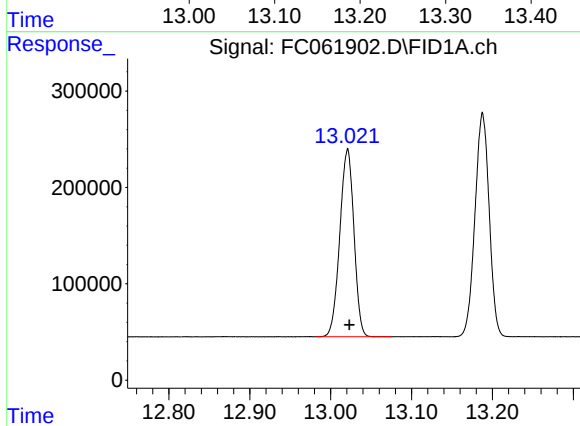
#10 n-Eicosane (C20)

R.T.: 12.576 min
Delta R.T.: -0.003 min
Response: 2873567
Conc: 20.36 ug/ml



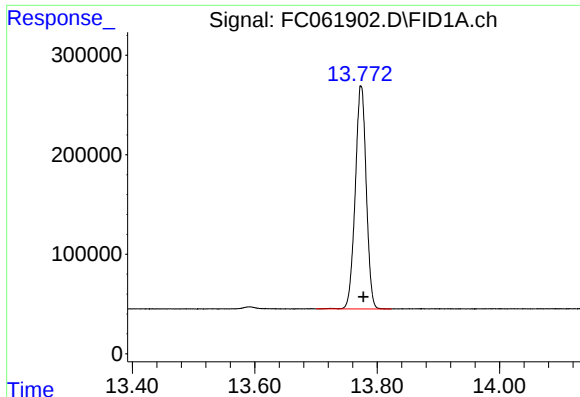
#11 n-Heneicosane (C21)

R.T.: 13.188 min
Delta R.T.: -0.003 min
Response: 2835248
Conc: 20.43 ug/ml



#12 1-chlorooctadecane (SURR)

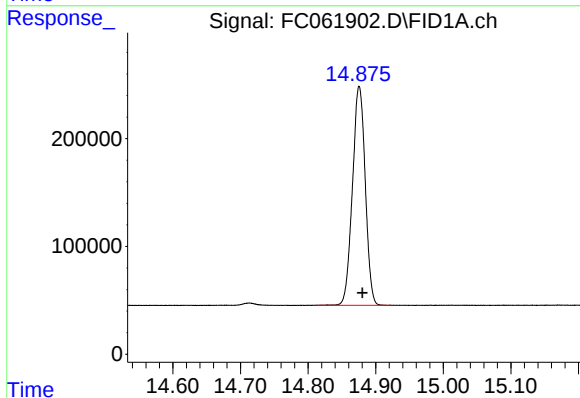
R.T.: 13.021 min
Delta R.T.: -0.003 min
Response: 2363810
Conc: 20.29 ug/ml



#13 n-Docosane (C22)

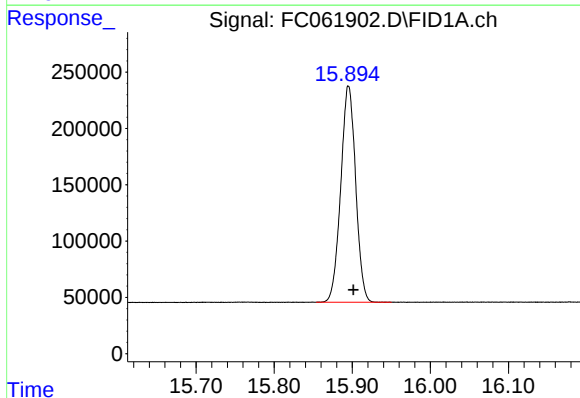
R.T.: 13.774 min
Delta R.T.: -0.004 min
Response: 2797187
Conc: 20.40 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



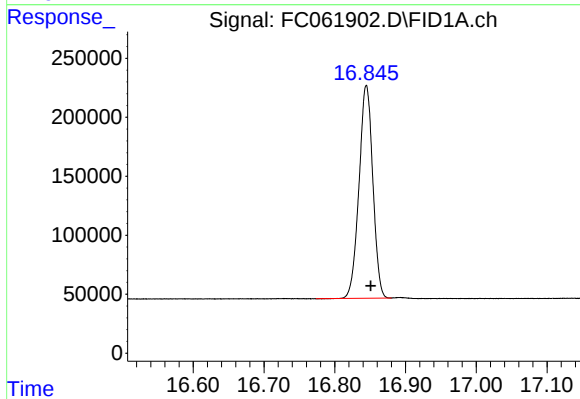
#14 n-Tetracosane (C24)

R.T.: 14.876 min
Delta R.T.: -0.005 min
Response: 2673426
Conc: 20.23 ug/ml



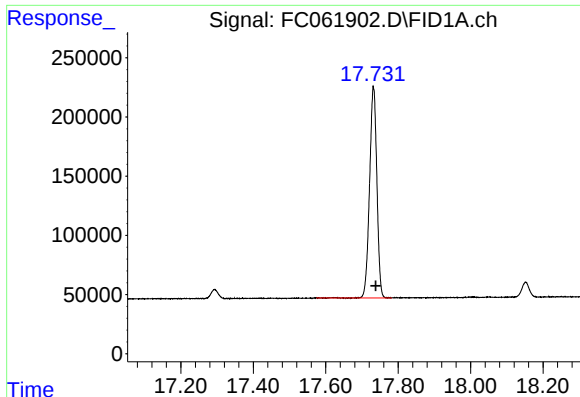
#15 n-Hexacosane (C26)

R.T.: 15.895 min
Delta R.T.: -0.006 min
Response: 2550079
Conc: 20.24 ug/ml



#16 n-Octacosane (C28)

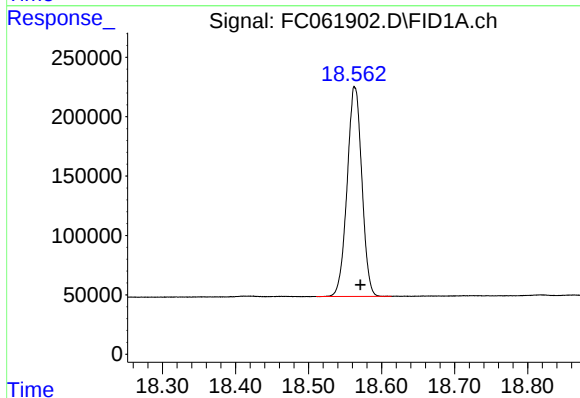
R.T.: 16.845 min
Delta R.T.: -0.006 min
Response: 2445752
Conc: 20.28 ug/ml



#17 n-Tricontane (C30)

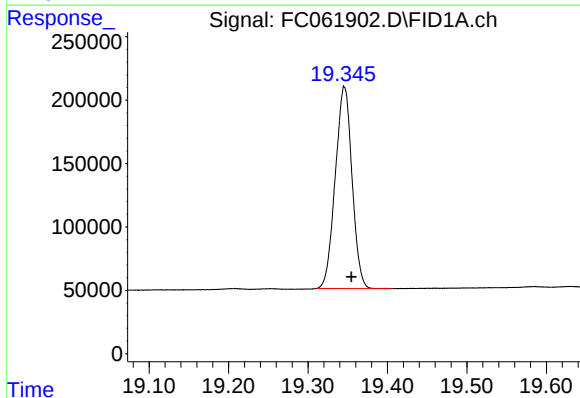
R.T.: 17.732 min
Delta R.T.: -0.006 min
Response: 2490522
Conc: 20.93 ug/ml

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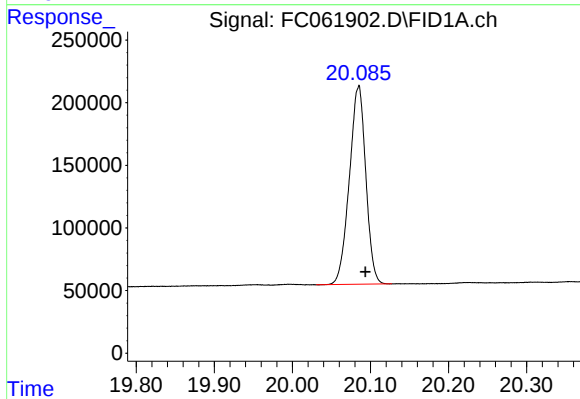
#18 n-Dotriacontane (C32)

R.T.: 18.563 min
Delta R.T.: -0.008 min
Response: 2472509
Conc: 20.99 ug/ml



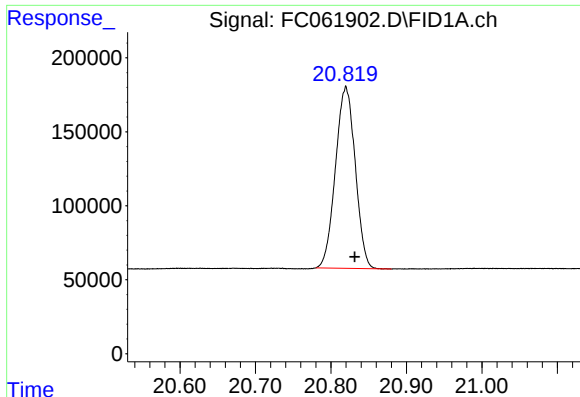
#19 n-Tetratriacontane (C34)

R.T.: 19.346 min
Delta R.T.: -0.009 min
Response: 2337561
Conc: 20.69 ug/ml



#20 n-Hexatriacontane (C36)

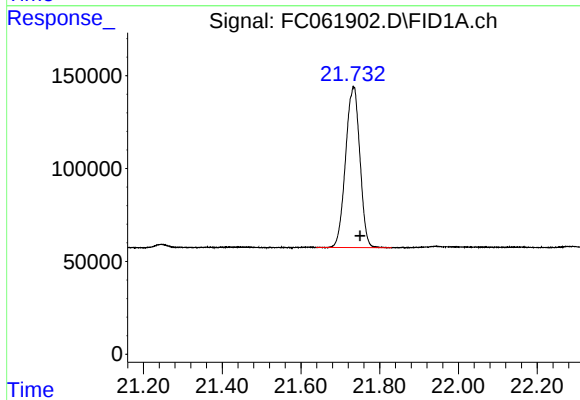
R.T.: 20.085 min
Delta R.T.: -0.009 min
Response: 2314444
Conc: 20.41 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.820 min
Delta R.T.: -0.012 min
Response: 2230154
Conc: 19.82 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.734 min
Delta R.T.: -0.016 min
Response: 2181276
Conc: 19.43 ug/ml