

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102822AL\
 Data File : FC061987.D
 Signal(s) : FID1A.ch
 Acq On : 28 Oct 2022 09:33
 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 29 04:48:53 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)	11.584	3084688	20.752 ug/ml
Spiked Amount 50.000		Recovery =	41.50%
12) S 1-chlorooctadecane (S...	13.020	2429605	20.855 ug/ml
Spiked Amount 50.000		Recovery =	41.71%
Target Compounds			
1) T n-Nonane (C9)	3.349	2841303	20.200 ug/ml
2) T n-Decane (C10)	4.416	2914713	20.419 ug/ml
3) T A~Naphthalene (C11.7)	6.001	3122527	20.230 ug/ml
4) T n-Dodecane (C12)	6.431	2972232	20.474 ug/ml
5) T A~2-methylnaphthalene...	7.056	3078719	20.295 ug/ml
6) T n-Tetradecane (C14)	8.226	2991529	20.580 ug/ml
7) T n-Hexadecane (C16)	9.826	3024903	20.772 ug/ml
8) T n-Octadecane (C18)	11.268	3023140	20.916 ug/ml
10) T n-Eicosane (C20)	12.575	2957250	20.953 ug/ml
11) T n-Heneicosane (C21)	13.187	2916003	21.015 ug/ml
13) T n-Docosane (C22)	13.773	2856376	20.836 ug/ml
14) T n-Tetracosane (C24)	14.875	2727161	20.640 ug/ml
15) T n-Hexacosane (C26)	15.895	2620410	20.796 ug/ml
16) T n-Octacosane (C28)	16.844	2549244	21.137 ug/ml
17) T n-Tricontane (C30)	17.731	2654271	22.308 ug/ml
18) T n-Dotriacontane (C32)	18.563	2691955	22.848 ug/ml
19) T n-Tetratriacontane (C34)	19.346	2556595	22.630 ug/ml
20) T n-Hexatriacontane (C36)	20.084	2492268	21.976 ug/ml
21) T n-Octatriacontane (C38)	20.820	2427606	21.575 ug/ml
22) T n-Tetracontane (C40)	21.733	2327283	20.730 ug/ml

(f)=RT Delta > 1/2 Window

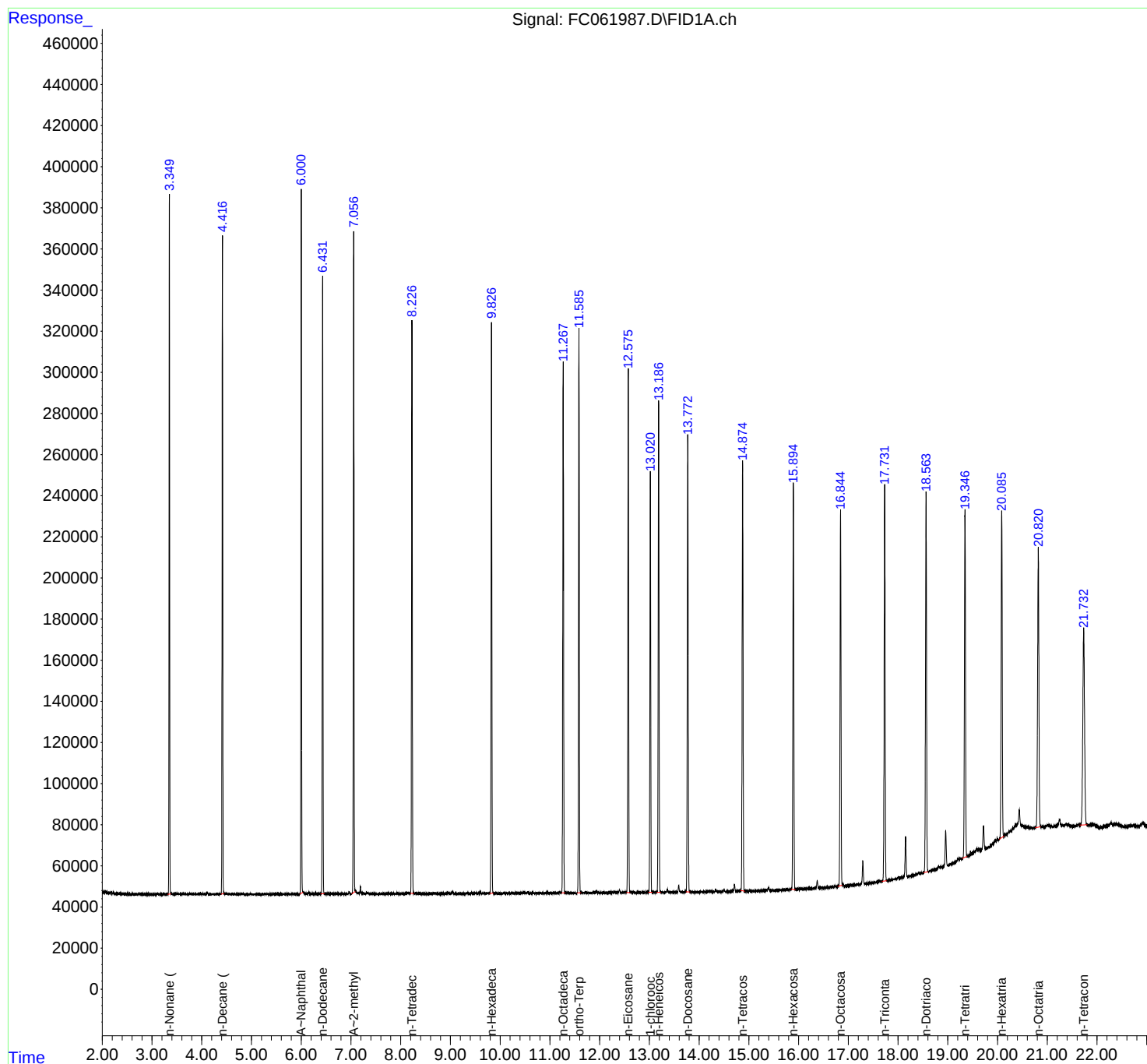
(m)=manual int.

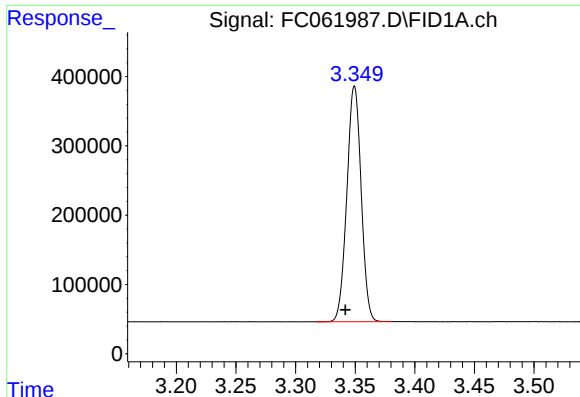
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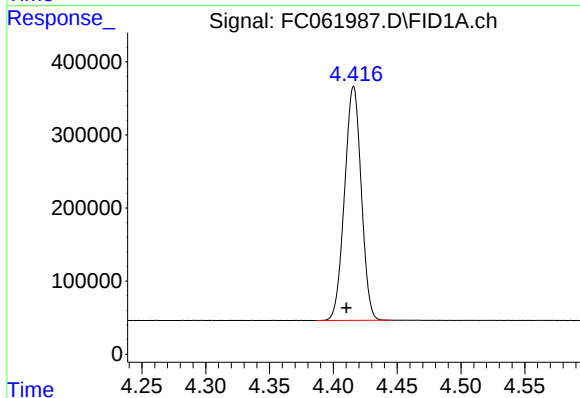




#1 n-Nonane (C9)

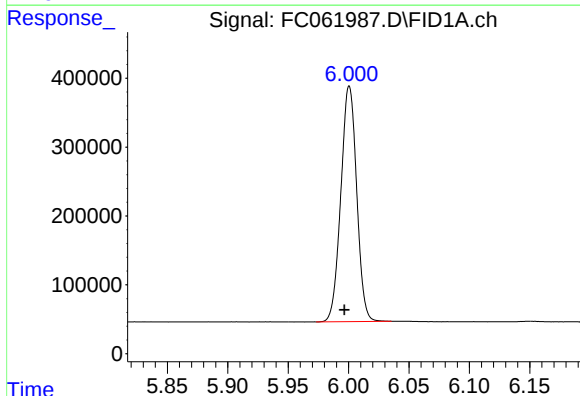
R.T.: 3.349 min
Delta R.T.: 0.007 min
Response: 2841303
Conc: 20.20 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



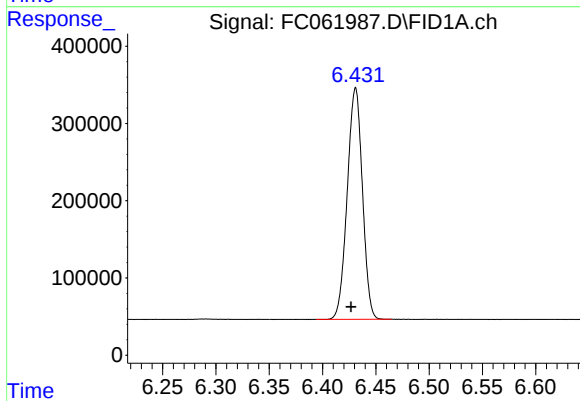
#2 n-Decane (C10)

R.T.: 4.416 min
Delta R.T.: 0.006 min
Response: 2914713
Conc: 20.42 ug/ml



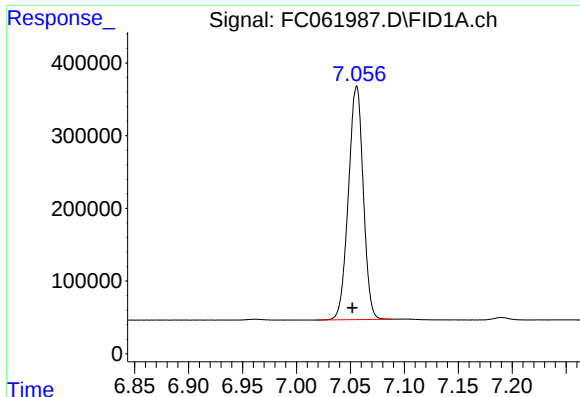
#3 A~Naphthalene (C11.7)

R.T.: 6.001 min
Delta R.T.: 0.004 min
Response: 3122527
Conc: 20.23 ug/ml



#4 n-Dodecane (C12)

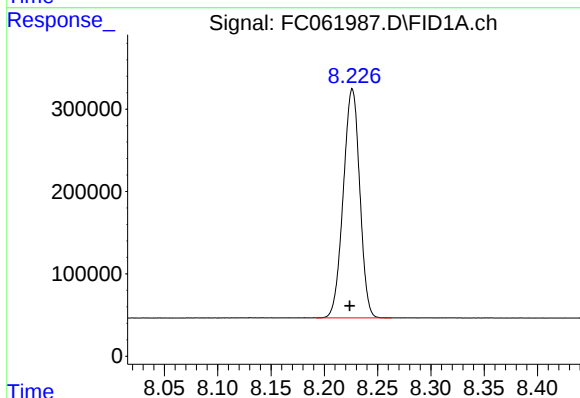
R.T.: 6.431 min
Delta R.T.: 0.004 min
Response: 2972232
Conc: 20.47 ug/ml



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

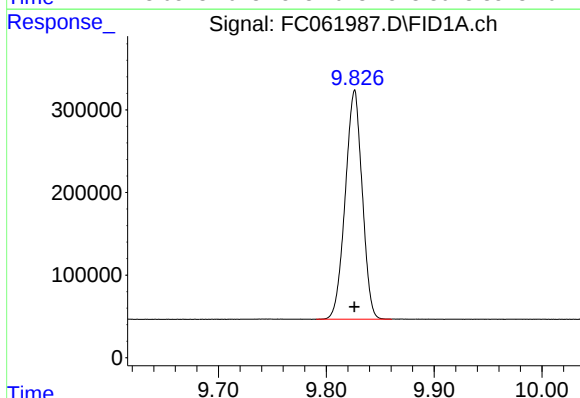
R.T.: 7.056 min
Delta R.T.: 0.004 min
Response: 3078719
Conc: 20.30 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



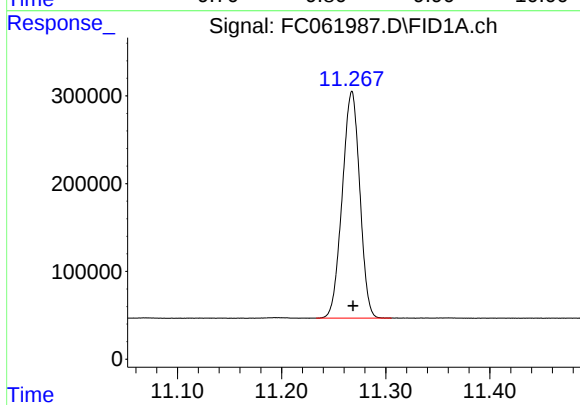
#6 n-Tetradecane (C14)

R.T.: 8.226 min
Delta R.T.: 0.002 min
Response: 2991529
Conc: 20.58 ug/ml



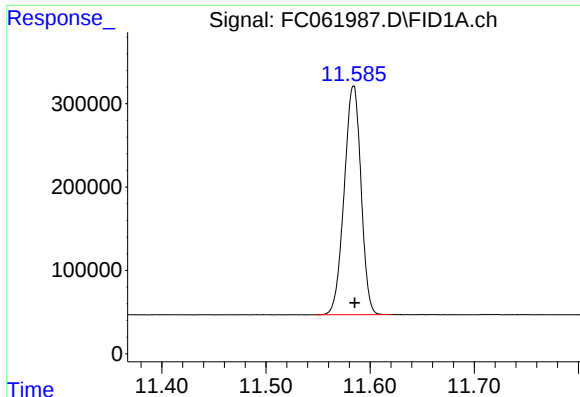
#7 n-Hexadecane (C16)

R.T.: 9.826 min
Delta R.T.: 0.000 min
Response: 3024903
Conc: 20.77 ug/ml



#8 n-Octadecane (C18)

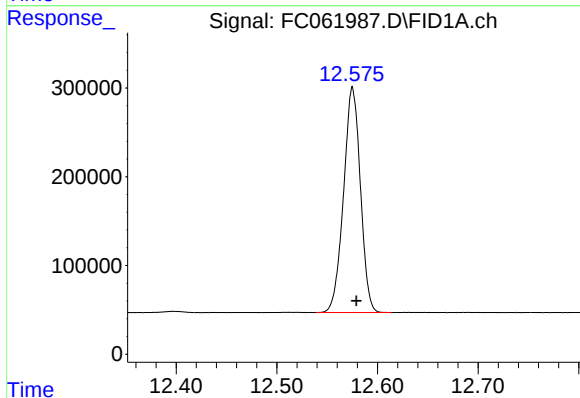
R.T.: 11.268 min
Delta R.T.: -0.001 min
Response: 3023140
Conc: 20.92 ug/ml



#9 ortho-Terphenyl (SURR)

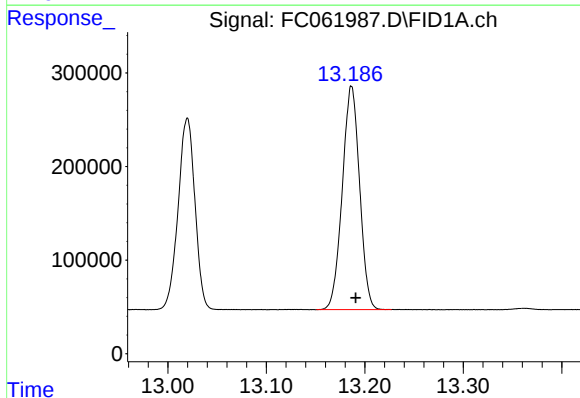
R.T.: 11.584 min
Delta R.T.: -0.001 min
Response: 3084688
Conc: 20.75 ug/ml

Instrument :
FID_C
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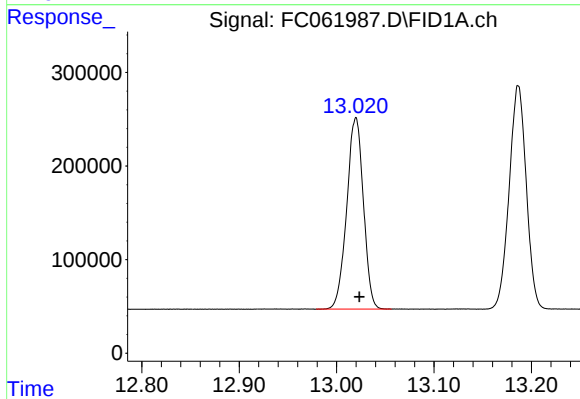
#10 n-Eicosane (C20)

R.T.: 12.575 min
Delta R.T.: -0.004 min
Response: 2957250
Conc: 20.95 ug/ml



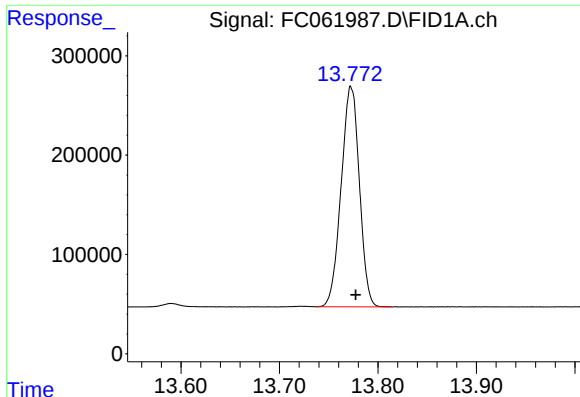
#11 n-Heneicosane (C21)

R.T.: 13.187 min
Delta R.T.: -0.004 min
Response: 2916003
Conc: 21.02 ug/ml



#12 1-chlorooctadecane (SURR)

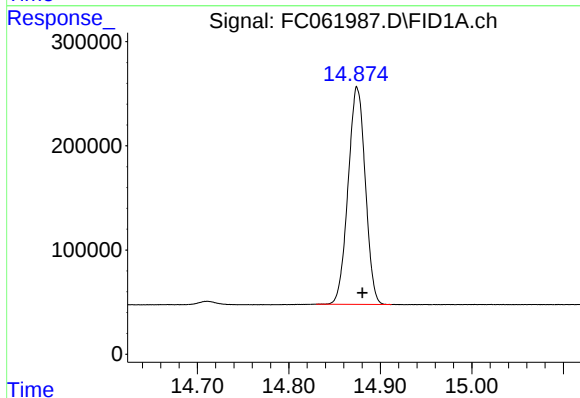
R.T.: 13.020 min
Delta R.T.: -0.004 min
Response: 2429605
Conc: 20.85 ug/ml



#13 n-Docosane (C22)

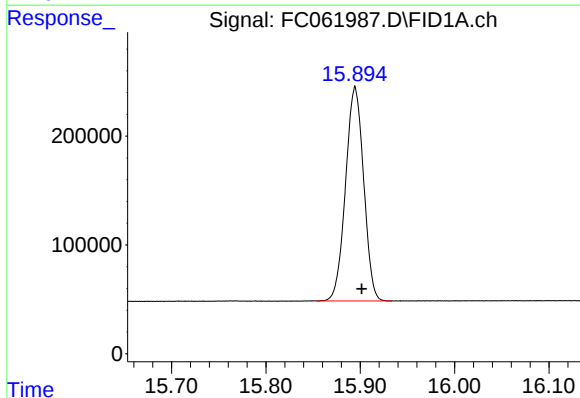
R.T.: 13.773 min
Delta R.T.: -0.005 min
Response: 2856376
Conc: 20.84 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



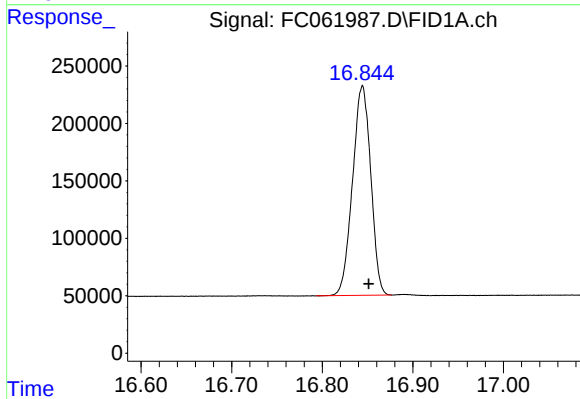
#14 n-Tetracosane (C24)

R.T.: 14.875 min
Delta R.T.: -0.006 min
Response: 2727161
Conc: 20.64 ug/ml



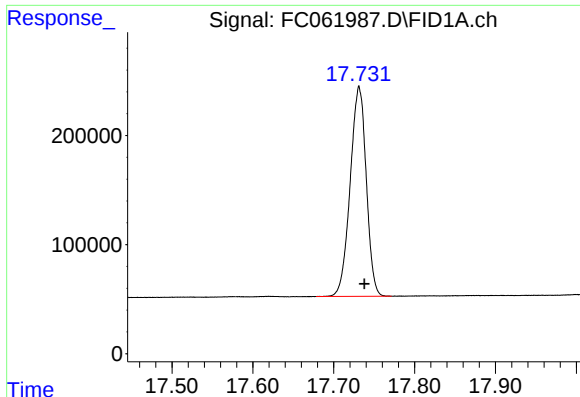
#15 n-Hexacosane (C26)

R.T.: 15.895 min
Delta R.T.: -0.007 min
Response: 2620410
Conc: 20.80 ug/ml



#16 n-Octacosane (C28)

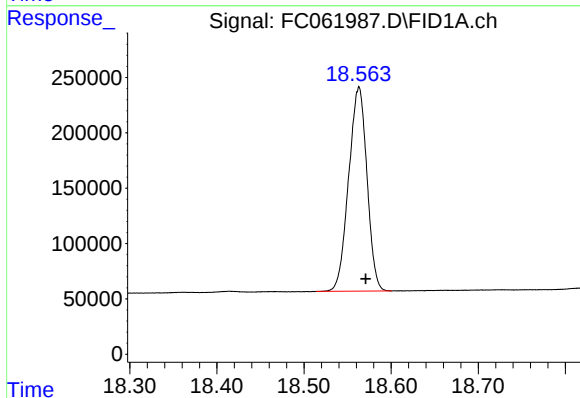
R.T.: 16.844 min
Delta R.T.: -0.007 min
Response: 2549244
Conc: 21.14 ug/ml



#17 n-Tricontane (C30)

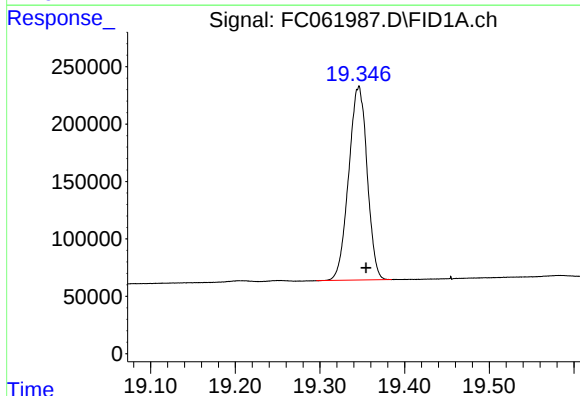
R.T.: 17.731 min
Delta R.T.: -0.007 min
Response: 2654271
Conc: 22.31 ug/ml

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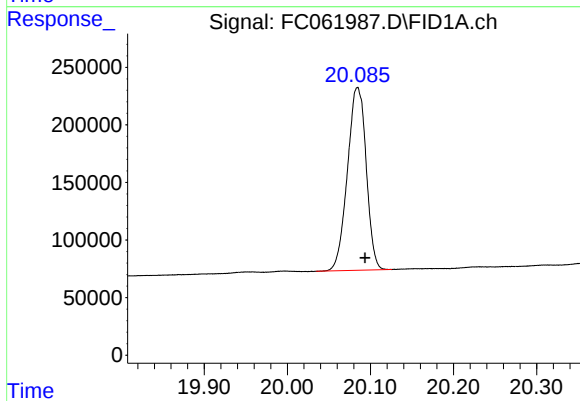
#18 n-Dotriacontane (C32)

R.T.: 18.563 min
Delta R.T.: -0.008 min
Response: 2691955
Conc: 22.85 ug/ml



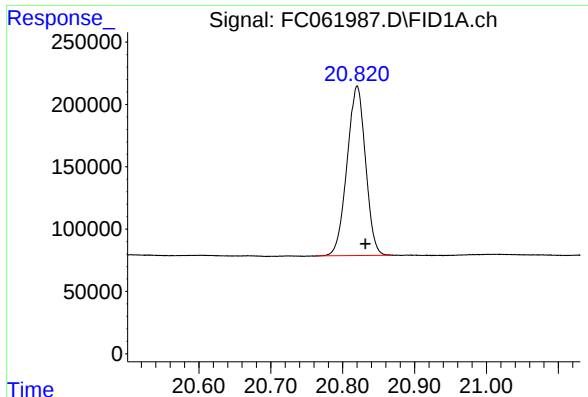
#19 n-Tetratriacontane (C34)

R.T.: 19.346 min
Delta R.T.: -0.009 min
Response: 2556595
Conc: 22.63 ug/ml



#20 n-Hexatriacontane (C36)

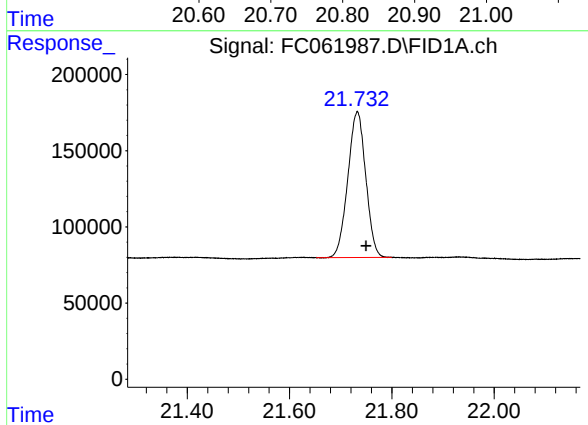
R.T.: 20.084 min
Delta R.T.: -0.009 min
Response: 2492268
Conc: 21.98 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.820 min
Delta R.T.: -0.011 min
Response: 2427606
Conc: 21.58 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.733 min
Delta R.T.: -0.017 min
Response: 2327283
Conc: 20.73 ug/ml