

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC101722AL\
 Data File : FC061823.D
 Signal(s) : FID1A.ch
 Acq On : 17 Oct 2022 12:26
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD3
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e
 Quant Time: Oct 17 23:16:57 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 101722.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 17 23:16:40 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)	11.587	2982961	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
12) S 1-chlorooctadecane (S...	13.025	2342950	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T n-Nonane (C9)	3.346	2809855	20.000 ug/ml
2) T n-Decane (C10)	4.412	2849997	20.000 ug/ml
3) T A~Naphthalene (C11.7)	5.997	3095980	20.000 ug/ml
4) T n-Dodecane (C12)	6.428	2893459	20.000 ug/ml
5) T A~2-methylnaphthalene...	7.053	3036409	20.000 ug/ml
6) T n-Tetradecane (C14)	8.225	2901351	20.000 ug/ml
7) T n-Hexadecane (C16)	9.827	2909427	20.000 ug/ml
8) T n-Octadecane (C18)	11.269	2892204	20.000 ug/ml
10) T n-Eicosane (C20)	12.580	2830666	20.000 ug/ml
11) T n-Heneicosane (C21)	13.192	2786739	20.000 ug/ml
13) T n-Docosane (C22)	13.779	2759451	20.000 ug/ml
14) T n-Tetracosane (C24)	14.881	2662793	20.000 ug/ml
15) T n-Hexacosane (C26)	15.903	2541994	20.000 ug/ml
16) T n-Octacosane (C28)	16.853	2426445	20.000 ug/ml
17) T n-Tricontane (C30)	17.740	2369187	20.000 ug/ml
18) T n-Dotriacontane (C32)	18.574	2332012	20.000 ug/ml
19) T n-Tetratriacontane (C34)	19.356	2237039	20.000 ug/ml
20) T n-Hexatriacontane (C36)	20.096	2265710	20.000 ug/ml
21) T n-Octatriacontane (C38)	20.834	2255613	20.000 ug/ml
22) T n-Tetracontane (C40)	21.751	2276437	20.000 ug/ml

(f)=RT Delta > 1/2 Window

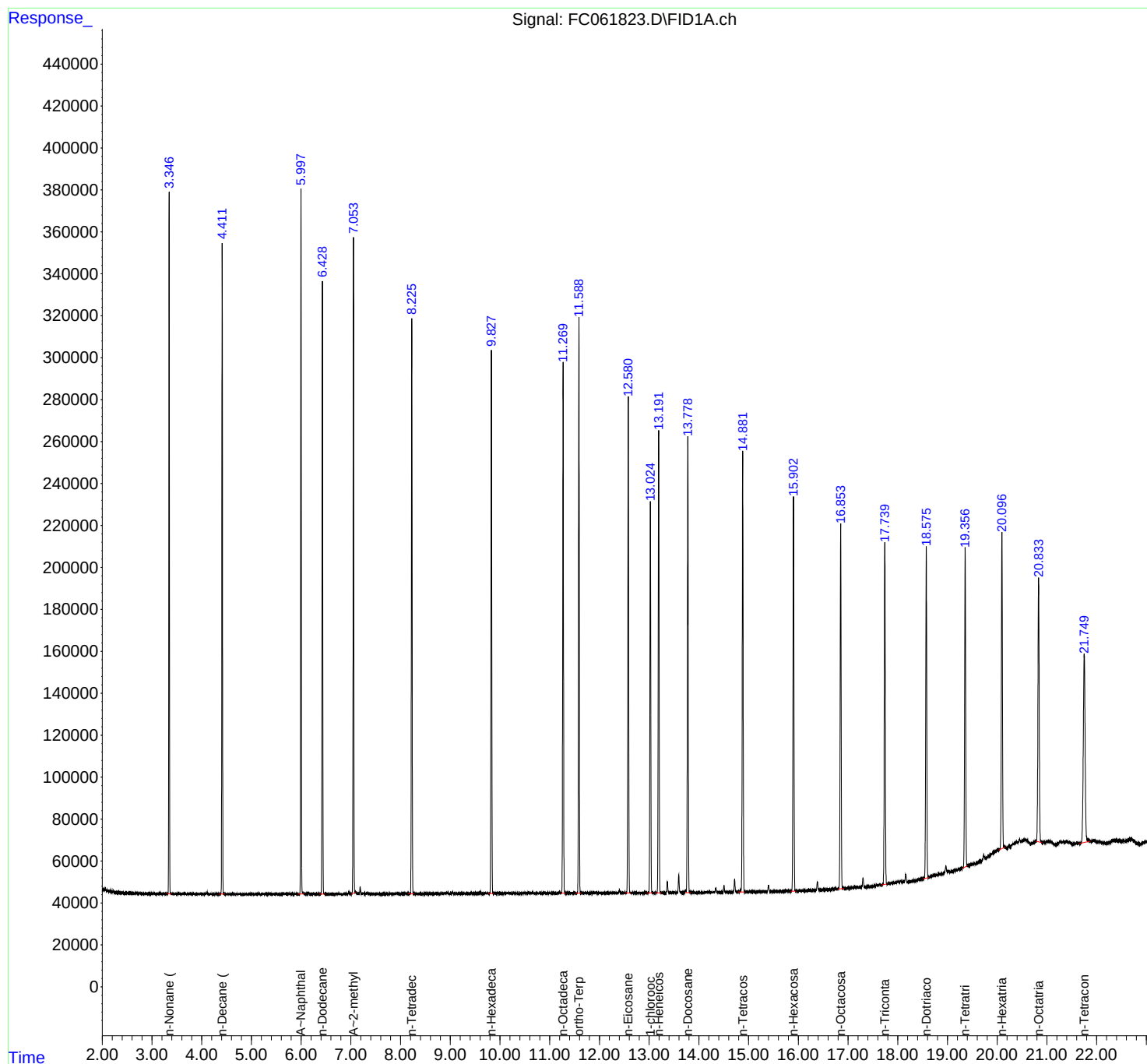
(m)=manual int.

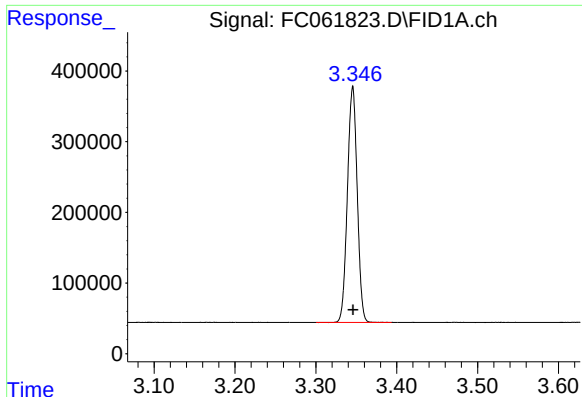
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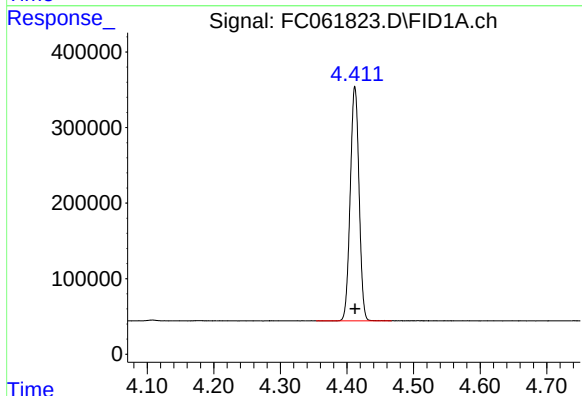




#1 n-Nonane (C9)

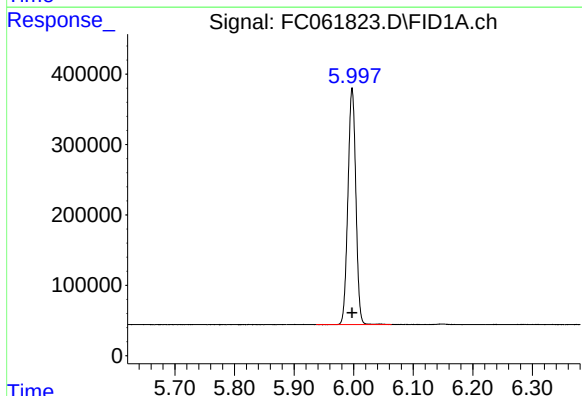
R.T.: 3.346 min
Delta R.T.: 0.000 min
Response: 2809855
Conc: 20.00 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD3



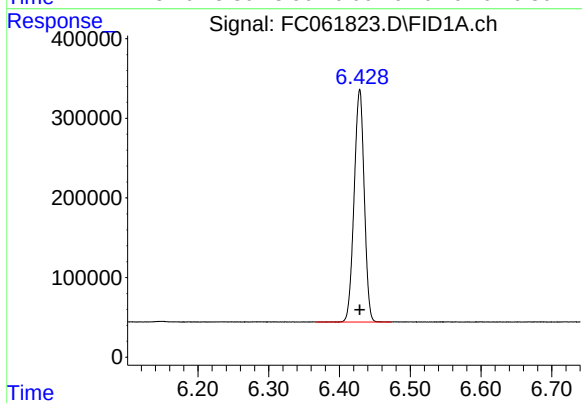
#2 n-Decane (C10)

R.T.: 4.412 min
Delta R.T.: 0.000 min
Response: 2849997
Conc: 20.00 ug/ml



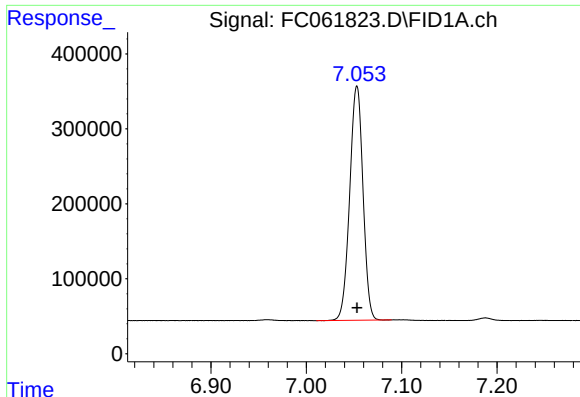
#3 A~Naphthalene (C11.7)

R.T.: 5.997 min
Delta R.T.: 0.000 min
Response: 3095980
Conc: 20.00 ug/ml



#4 n-Dodecane (C12)

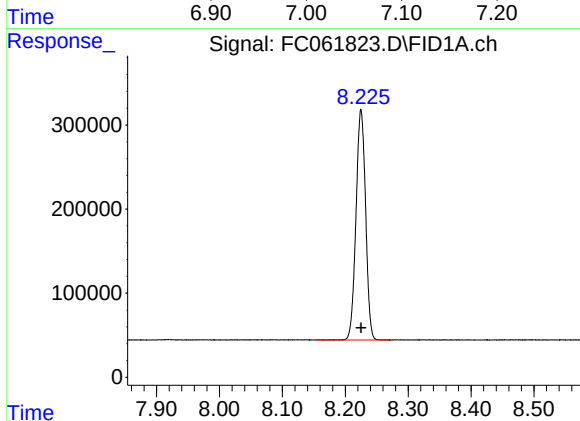
R.T.: 6.428 min
Delta R.T.: 0.000 min
Response: 2893459
Conc: 20.00 ug/ml



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

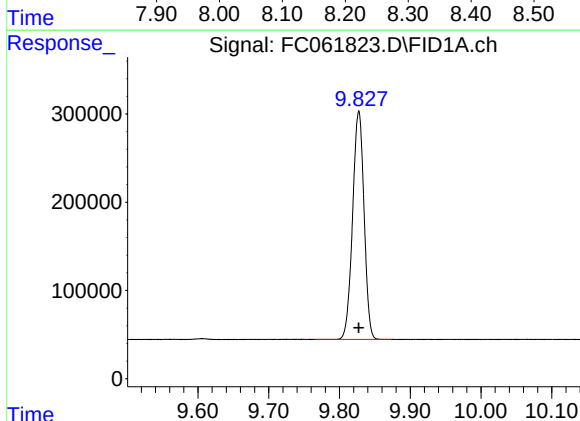
R.T.: 7.053 min
Delta R.T.: 0.000 min
Response: 3036409
Conc: 20.00 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD3



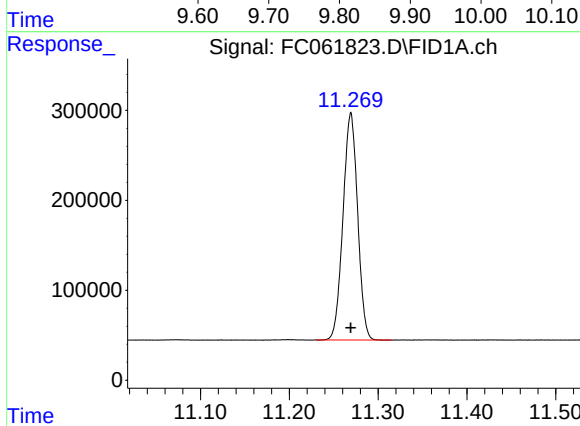
#6 n-Tetradecane (C14)

R.T.: 8.225 min
Delta R.T.: 0.000 min
Response: 2901351
Conc: 20.00 ug/ml



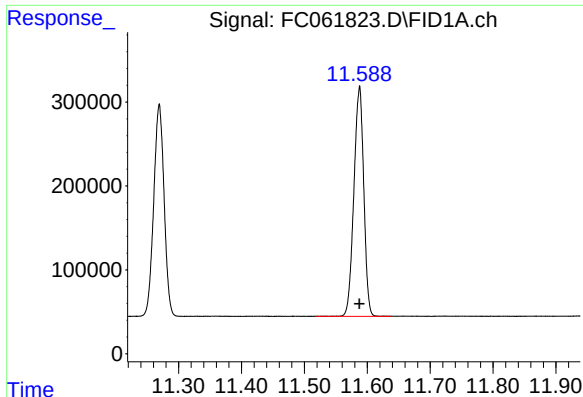
#7 n-Hexadecane (C16)

R.T.: 9.827 min
Delta R.T.: 0.000 min
Response: 2909427
Conc: 20.00 ug/ml



#8 n-Octadecane (C18)

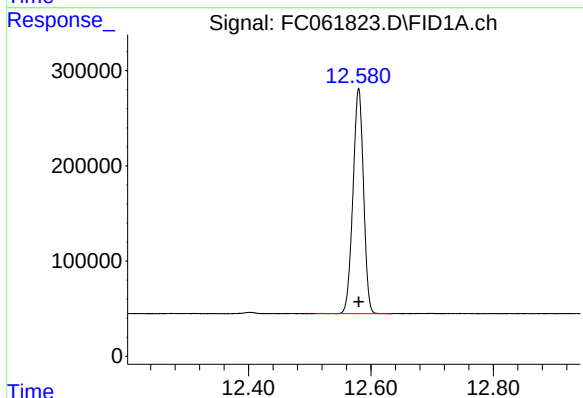
R.T.: 11.269 min
Delta R.T.: 0.000 min
Response: 2892204
Conc: 20.00 ug/ml



#9 ortho-Terphenyl (SURR)

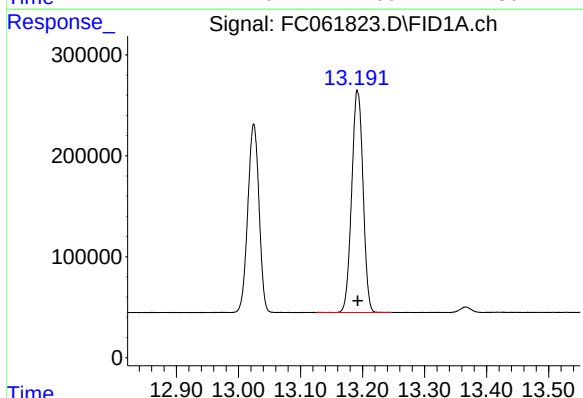
R.T.: 11.587 min
Delta R.T.: 0.000 min
Response: 2982961
Conc: 20.00 ug/ml

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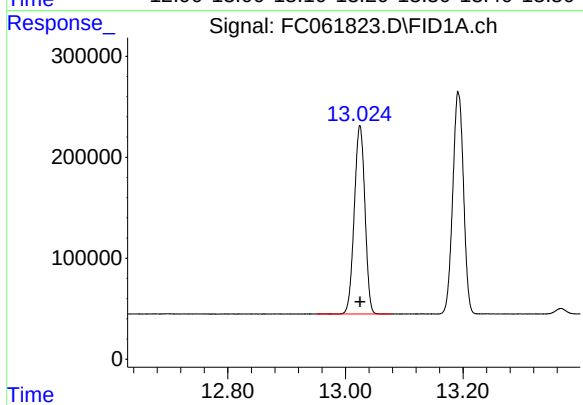
#10 n-Eicosane (C20)

R.T.: 12.580 min
Delta R.T.: 0.000 min
Response: 2830666
Conc: 20.00 ug/ml



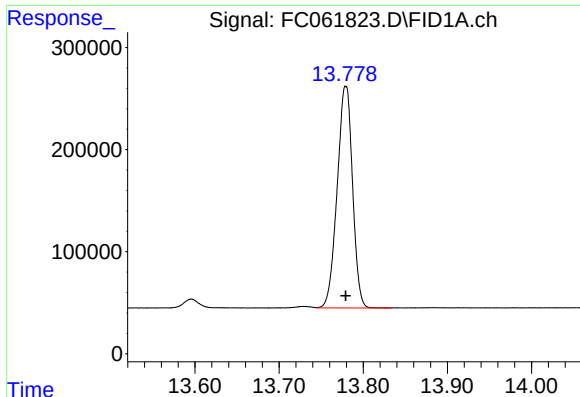
#11 n-Heneicosane (C21)

R.T.: 13.192 min
Delta R.T.: 0.000 min
Response: 2786739
Conc: 20.00 ug/ml



#12 1-chlorooctadecane (SURR)

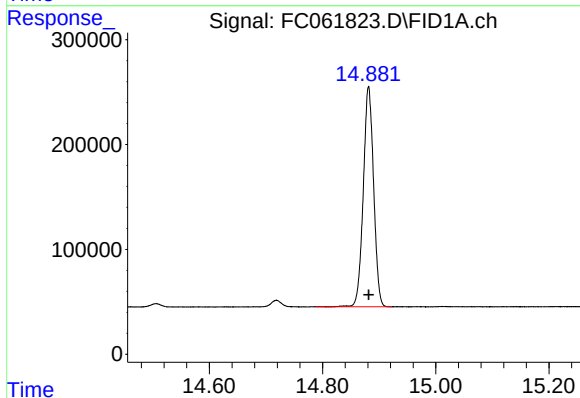
R.T.: 13.025 min
Delta R.T.: 0.000 min
Response: 2342950
Conc: 20.00 ug/ml



#13 n-Docosane (C22)

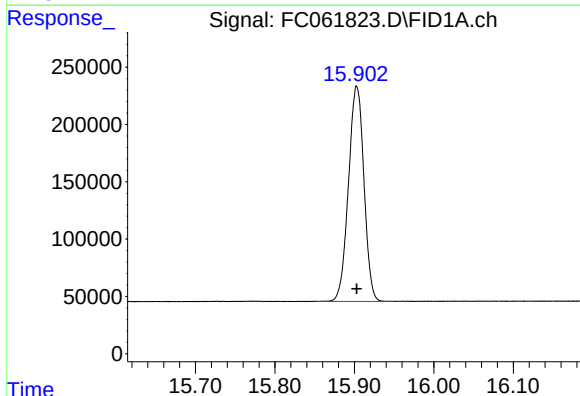
R.T.: 13.779 min
Delta R.T.: 0.000 min
Response: 2759451
Conc: 20.00 ug/ml

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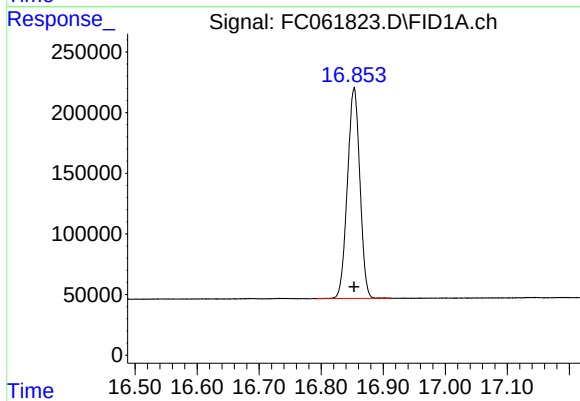
#14 n-Tetracosane (C24)

R.T.: 14.881 min
Delta R.T.: 0.000 min
Response: 2662793
Conc: 20.00 ug/ml



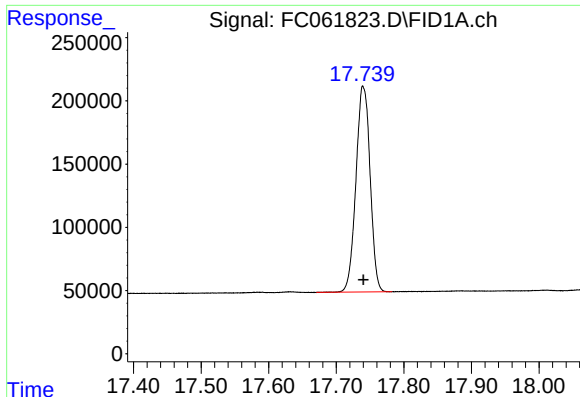
#15 n-Hexacosane (C26)

R.T.: 15.903 min
Delta R.T.: 0.000 min
Response: 2541994
Conc: 20.00 ug/ml



#16 n-Octacosane (C28)

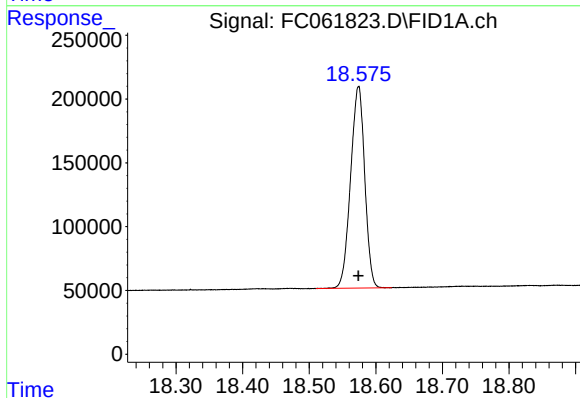
R.T.: 16.853 min
Delta R.T.: 0.000 min
Response: 2426445
Conc: 20.00 ug/ml



#17 n-Tricontane (C30)

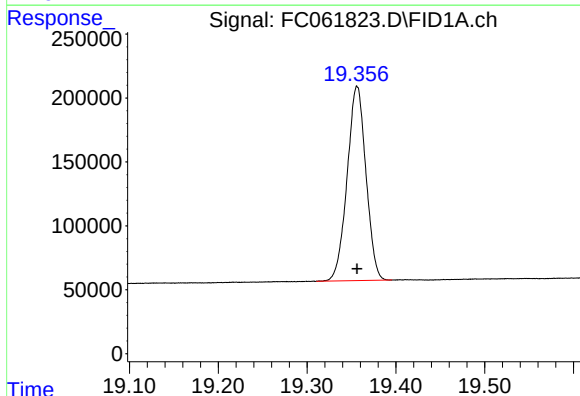
R.T.: 17.740 min
Delta R.T.: 0.000 min
Response: 2369187
Conc: 20.00 ug/ml

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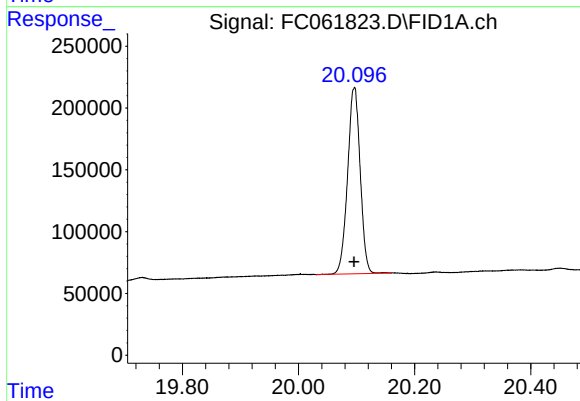
#18 n-Dotriacontane (C32)

R.T.: 18.574 min
Delta R.T.: 0.000 min
Response: 2332012
Conc: 20.00 ug/ml



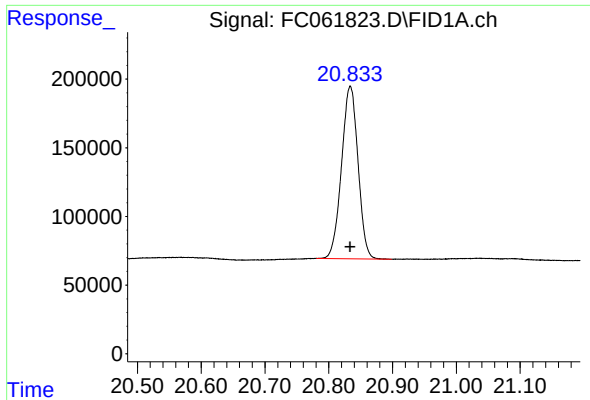
#19 n-Tetratriacontane (C34)

R.T.: 19.356 min
Delta R.T.: 0.000 min
Response: 2237039
Conc: 20.00 ug/ml



#20 n-Hexatriacontane (C36)

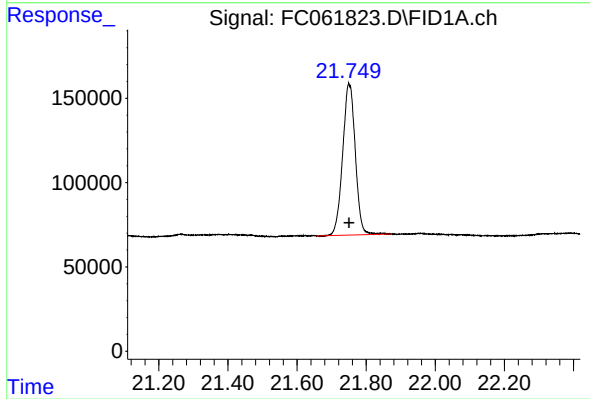
R.T.: 20.096 min
Delta R.T.: 0.000 min
Response: 2265710
Conc: 20.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.834 min
Delta R.T.: 0.000 min
Response: 2255613
Conc: 20.00 ug/ml

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20 PPM ALIPHATIC HC STD3



#22 n-Tetracontane (C40)

R.T.: 21.751 min
Delta R.T.: 0.000 min
Response: 2276437
Conc: 20.00 ug/ml