

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061022AL\
 Data File : FD042857.D
 Signal(s) : FID2B.CH
 Acq On : 10 Jun 2022 13:43
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jun 10 22:38:32 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 052722.M
 Quant Title : GC Extractables
 QLast Update : Sat May 28 07:55:57 2022
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)	11.575	3087656	18.591 ug/ml
Spiked Amount 50.000		Recovery =	37.18%
12) S 1-chlorooctadecane (S...	13.010	2422883	18.552 ug/ml
Spiked Amount 50.000		Recovery =	37.10%
Target Compounds			
1) T n-Nonane (C9)	3.347	2713418	19.587 ug/ml
2) T n-Decane (C10)	4.414	2714016	19.655 ug/ml
3) T A~Naphthalene (C11.7)	5.997	3106218	19.746 ug/ml
4) T n-Dodecane (C12)	6.429	2796648	19.735 ug/ml
5) T A~2-methylnaphthalene...	7.051	3159932	19.737 ug/ml
6) T n-Tetradecane (C14)	8.222	2843464	19.744 ug/ml
7) T n-Hexadecane (C16)	9.820	2897369	19.642 ug/ml
8) T n-Octadecane (C18)	11.259	2921817	19.412 ug/ml
10) T n-Eicosane (C20)	12.567	2883785	19.177 ug/ml
11) T n-Heneicosane (C21)	13.178	2823737	18.653 ug/ml
13) T n-Docosane (C22)	13.764	2931221	19.391 ug/ml
14) T n-Tetracosane (C24)	14.865	3039538	20.253 ug/ml
15) T n-Hexacosane (C26)	15.885	3071956	21.071 ug/ml
16) T n-Octacosane (C28)	16.833	3115067	22.335 ug/ml
17) T n-Tricontane (C30)	17.719	3085943	23.604 ug/ml
18) T n-Dotriacontane (C32)	18.549	2832538	23.989 ug/ml
19) T n-Tetratriacontane (C34)	19.331	2399758	22.575 ug/ml
20) T n-Hexatriacontane (C36)	20.070	2188769	22.385 ug/ml
21) T n-Octatriacontane (C38)	20.801	2034184	22.301 ug/mlm
22) T n-Tetracontane (C40)	21.703	2016700	24.887 ug/mlm

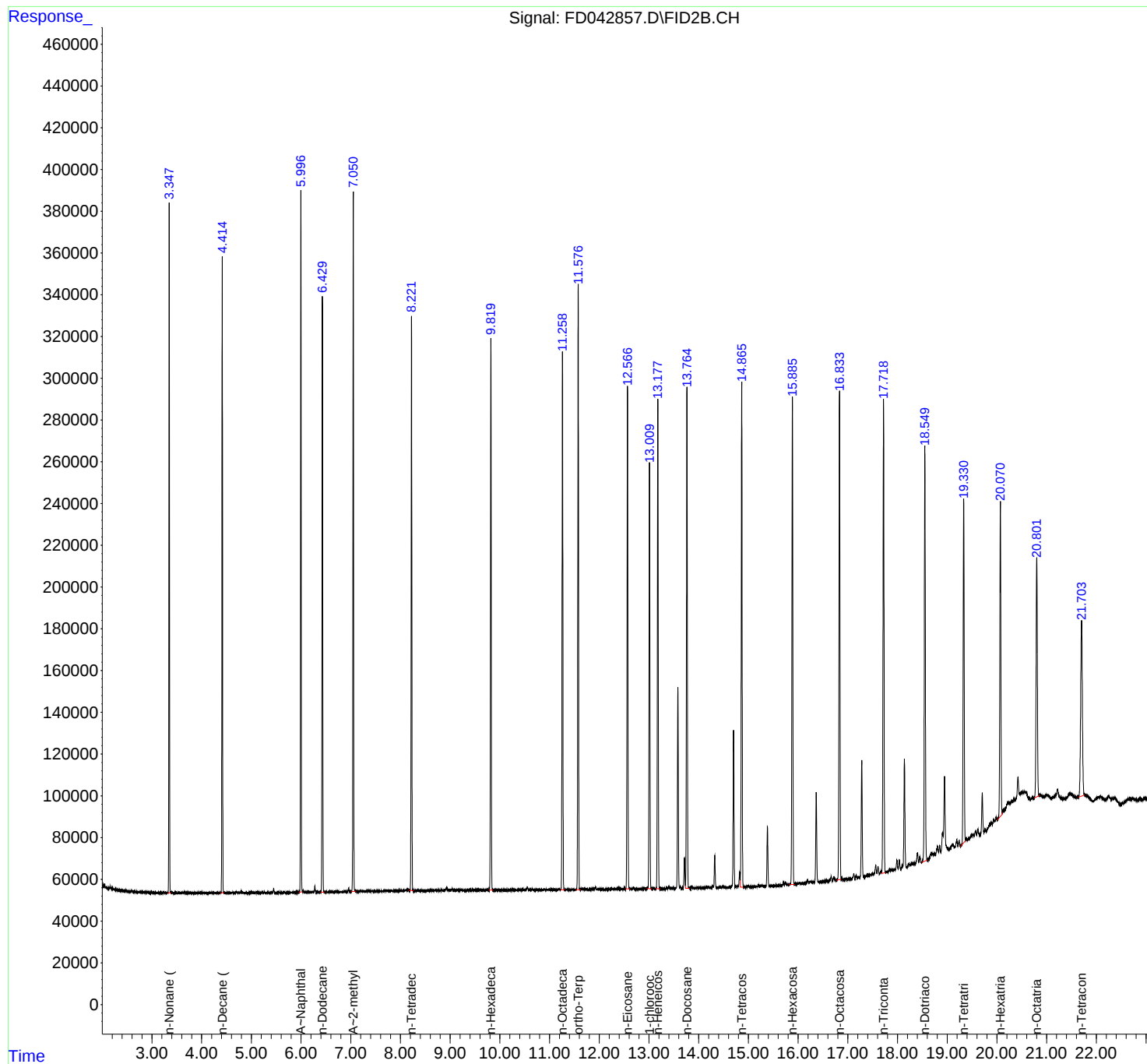
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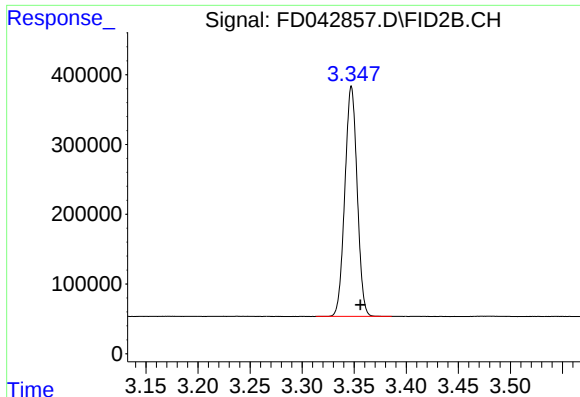
(m)=manual int.

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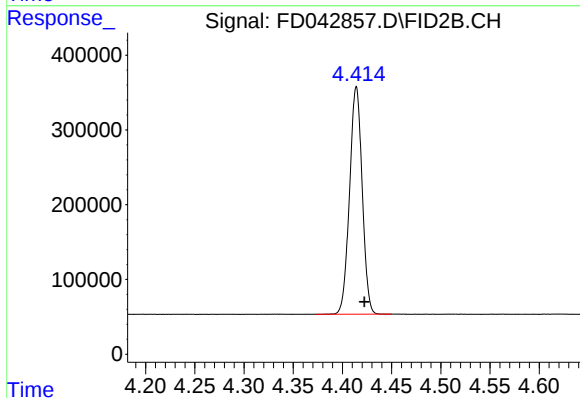
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Signal Info : 20M x 0.18mm x 0.18um





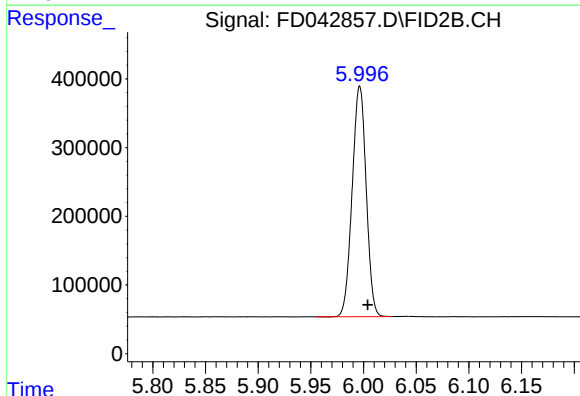
#1 n-Nonane (C9)

R.T.: 3.347 min
Delta R.T.: -0.009 min
Response: 2713418
Conc: 19.59 ug/ml



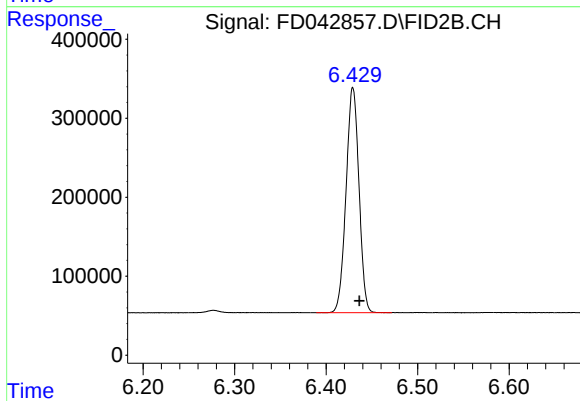
#2 n-Decane (C10)

R.T.: 4.414 min
Delta R.T.: -0.008 min
Response: 2714016
Conc: 19.65 ug/ml



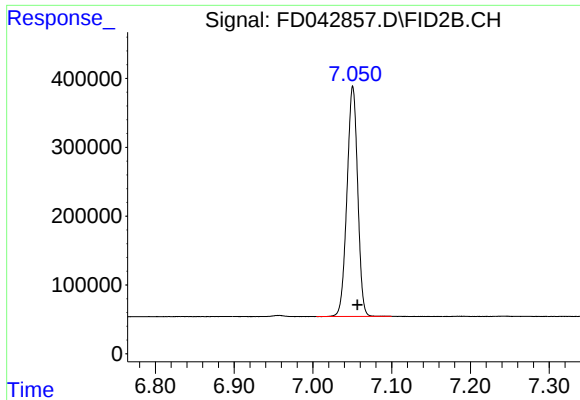
#3 A~Naphthalene (C11.7)

R.T.: 5.997 min
Delta R.T.: -0.007 min
Response: 3106218
Conc: 19.75 ug/ml



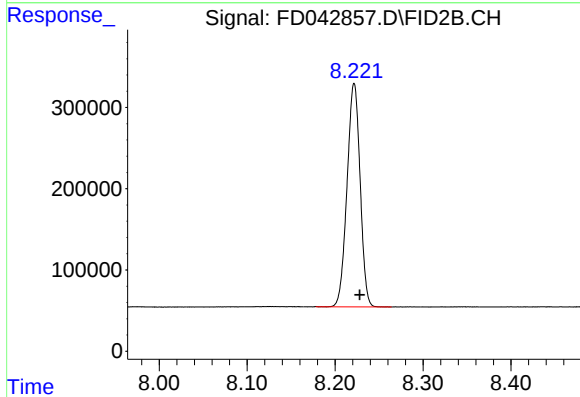
#4 n-Dodecane (C12)

R.T.: 6.429 min
Delta R.T.: -0.007 min
Response: 2796648
Conc: 19.74 ug/ml



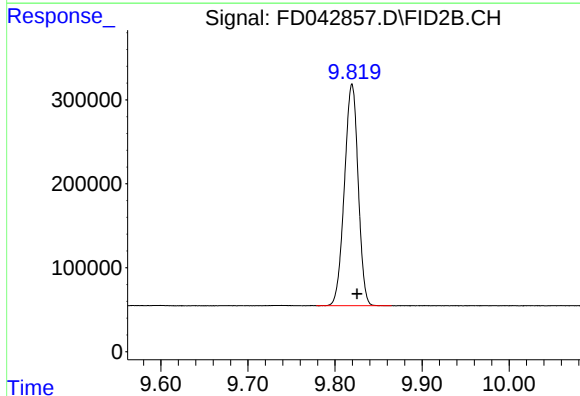
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.051 min
Delta R.T.: -0.006 min
Response: 3159932
Conc: 19.74 ug/ml



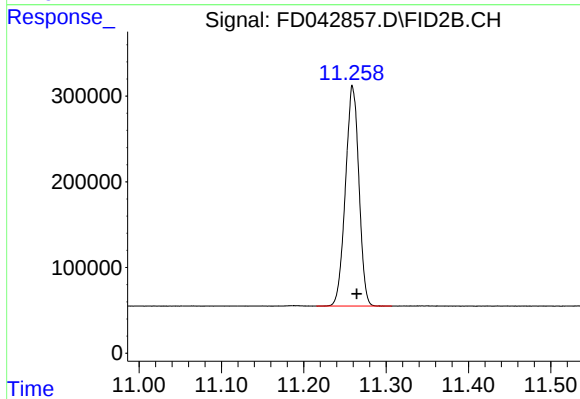
#6 n-Tetradecane (C14)

R.T.: 8.222 min
Delta R.T.: -0.006 min
Response: 2843464
Conc: 19.74 ug/ml



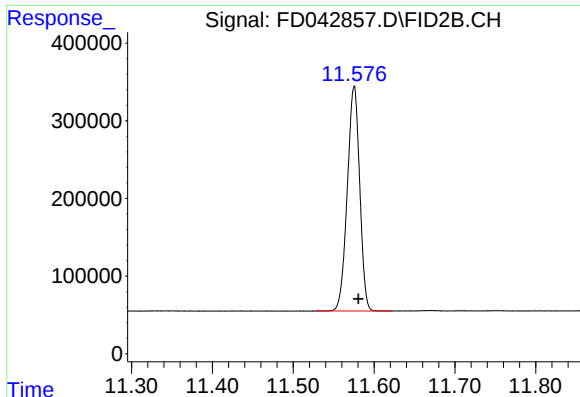
#7 n-Hexadecane (C16)

R.T.: 9.820 min
Delta R.T.: -0.006 min
Response: 2897369
Conc: 19.64 ug/ml



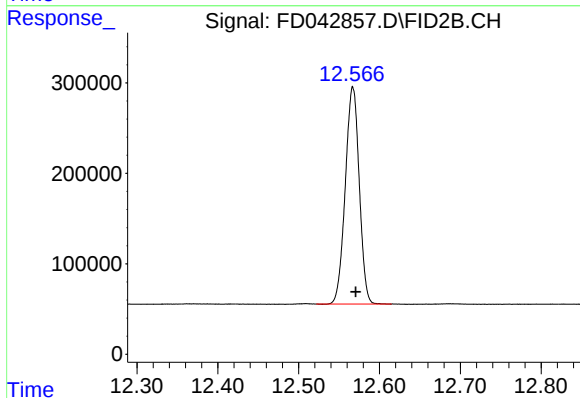
#8 n-Octadecane (C18)

R.T.: 11.259 min
Delta R.T.: -0.005 min
Response: 2921817
Conc: 19.41 ug/ml



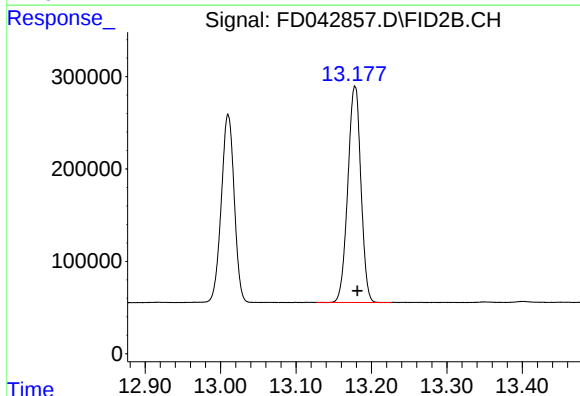
#9 ortho-Terphenyl (SURR)

R.T.: 11.575 min
Delta R.T.: -0.005 min
Response: 3087656
Conc: 18.59 ug/ml



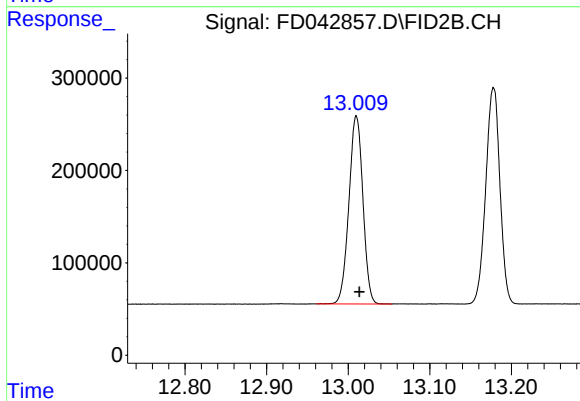
#10 n-Eicosane (C20)

R.T.: 12.567 min
Delta R.T.: -0.004 min
Response: 2883785
Conc: 19.18 ug/ml



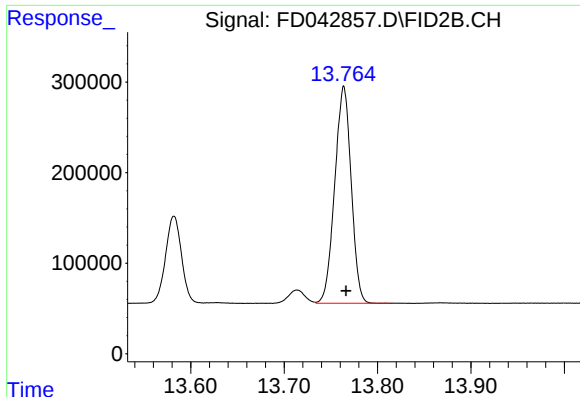
#11 n-Heneicosane (C21)

R.T.: 13.178 min
Delta R.T.: -0.003 min
Response: 2823737
Conc: 18.65 ug/ml



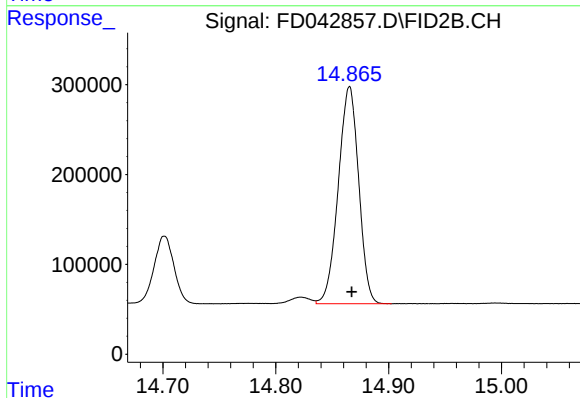
#12 1-chlorooctadecane (SURR)

R.T.: 13.010 min
Delta R.T.: -0.004 min
Response: 2422883
Conc: 18.55 ug/ml



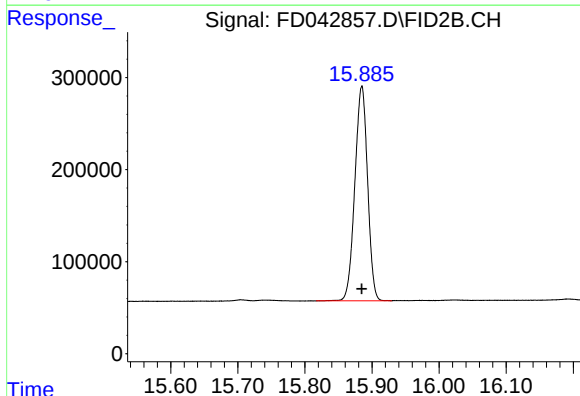
#13 n-Docosane (C22)

R.T.: 13.764 min
Delta R.T.: -0.002 min
Response: 2931221
Conc: 19.39 ug/ml



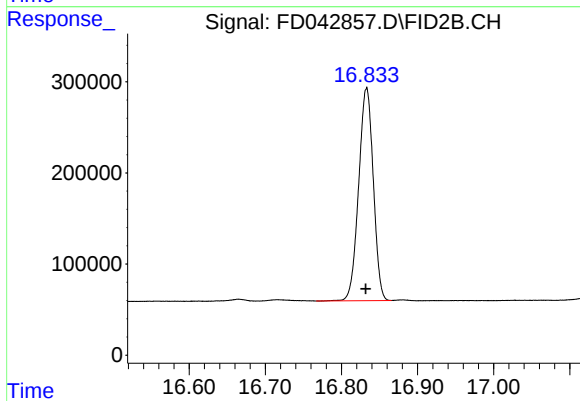
#14 n-Tetracosane (C24)

R.T.: 14.865 min
Delta R.T.: -0.002 min
Response: 3039538
Conc: 20.25 ug/ml



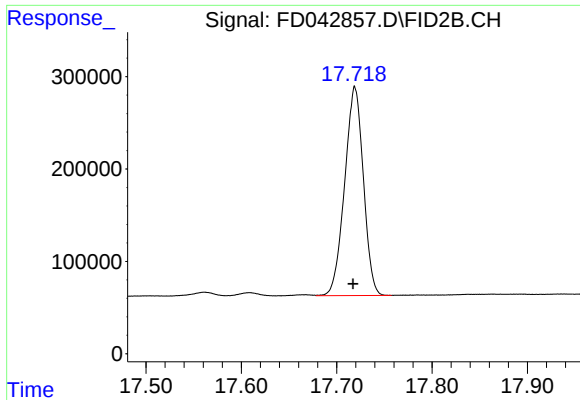
#15 n-Hexacosane (C26)

R.T.: 15.885 min
Delta R.T.: 0.000 min
Response: 3071956
Conc: 21.07 ug/ml



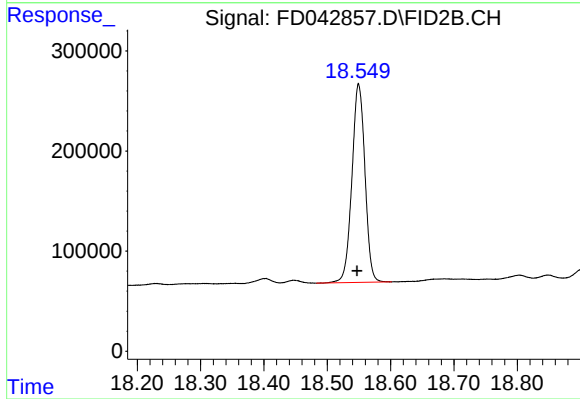
#16 n-Octacosane (C28)

R.T.: 16.833 min
Delta R.T.: 0.001 min
Response: 3115067
Conc: 22.33 ug/ml



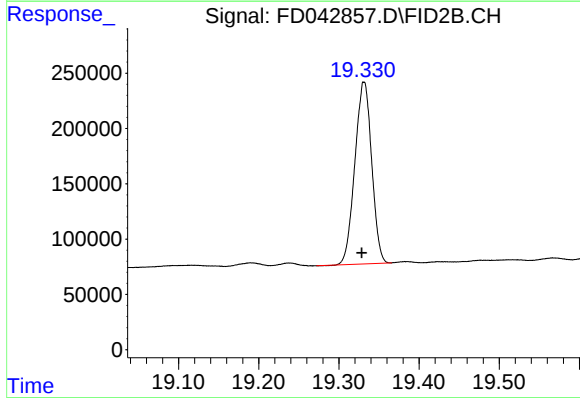
#17 n-Tricontane (C30)

R.T.: 17.719 min
Delta R.T.: 0.002 min
Response: 3085943
Conc: 23.60 ug/ml



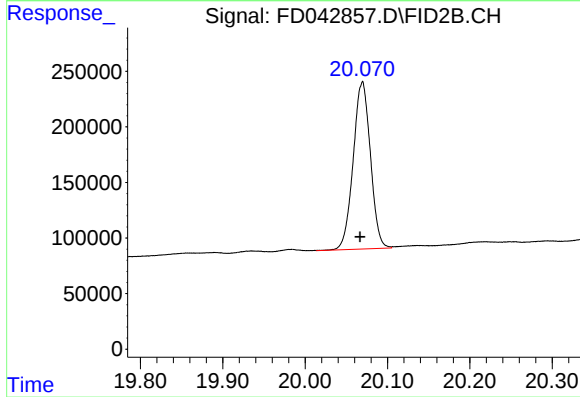
#18 n-Dotriacontane (C32)

R.T.: 18.549 min
Delta R.T.: 0.003 min
Response: 2832538
Conc: 23.99 ug/ml



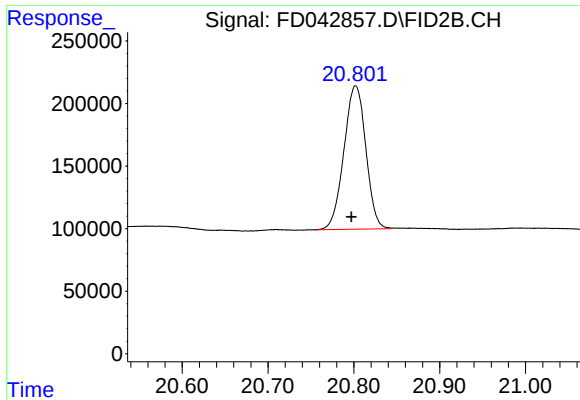
#19 n-Tetratriacontane (C34)

R.T.: 19.331 min
Delta R.T.: 0.003 min
Response: 2399758
Conc: 22.57 ug/ml



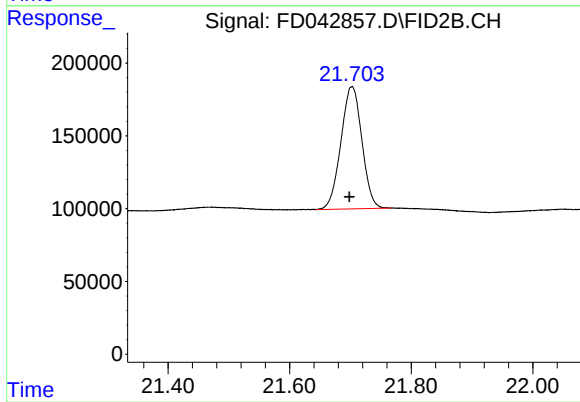
#20 n-Hexatriacontane (C36)

R.T.: 20.070 min
Delta R.T.: 0.003 min
Response: 2188769
Conc: 22.38 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.801 min
Delta R.T.: 0.004 min
Response: 2034184
Conc: 22.30 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.703 min
Delta R.T.: 0.005 min
Response: 2016700
Conc: 24.89 ug/ml m