

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC072523AL\
 Data File : FC064267.D
 Signal(s) : FID1A.ch
 Acq On : 25 Jul 2023 13:45
 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: Jul 26 04:47:53 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 072323.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 24 01:54:49 2023
 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)	11.515	3595937	20.156 ug/ml
Spiked Amount 50.000		Recovery =	40.31%
12) S 1-chlorooctadecane (S...	12.950	2524019	20.014 ug/ml
Spiked Amount 50.000		Recovery =	40.03%
Target Compounds			
1) T n-Nonane (C9)	3.303	3360137	20.708 ug/ml
2) T n-Decane (C10)	4.365	3390441	20.734 ug/ml
3) T A~Naphthalene (C11.7)	5.946	3401766	20.960 ug/ml
4) T n-Dodecane (C12)	6.378	3379000	20.698 ug/ml
5) T A~2-methylnaphthalene...	7.001	3175857	20.843 ug/ml
6) T n-Tetradecane (C14)	8.168	3225080	20.541 ug/ml
7) T n-Hexadecane (C16)	9.765	3204525	20.380 ug/ml
8) T n-Octadecane (C18)	11.202	3193452	20.156 ug/ml
10) T n-Eicosane (C20)	12.506	3013004	20.189 ug/ml
11) T n-Heneicosane (C21)	13.117	2944357	20.174 ug/ml
13) T n-Docosane (C22)	13.702	2888643	20.239 ug/ml
14) T n-Tetracosane (C24)	14.800	2852505	20.308 ug/ml
15) T n-Hexacosane (C26)	15.816	2804200	20.421 ug/ml
16) T n-Octacosane (C28)	16.763	2758028	20.568 ug/ml
17) T n-Tricontane (C30)	17.647	2810151	20.246 ug/ml
18) T n-Dotriacontane (C32)	18.476	2795314	19.864 ug/ml
19) T n-Tetratriacontane (C34)	19.257	2775146	19.988 ug/ml
20) T n-Hexatriacontane (C36)	19.994	2714738	20.007 ug/ml
21) T n-Octatriacontane (C38)	20.716	2703353	19.931 ug/ml
22) T n-Tetracontane (C40)	21.599	2629965	19.579 ug/ml

(f)=RT Delta > 1/2 Window

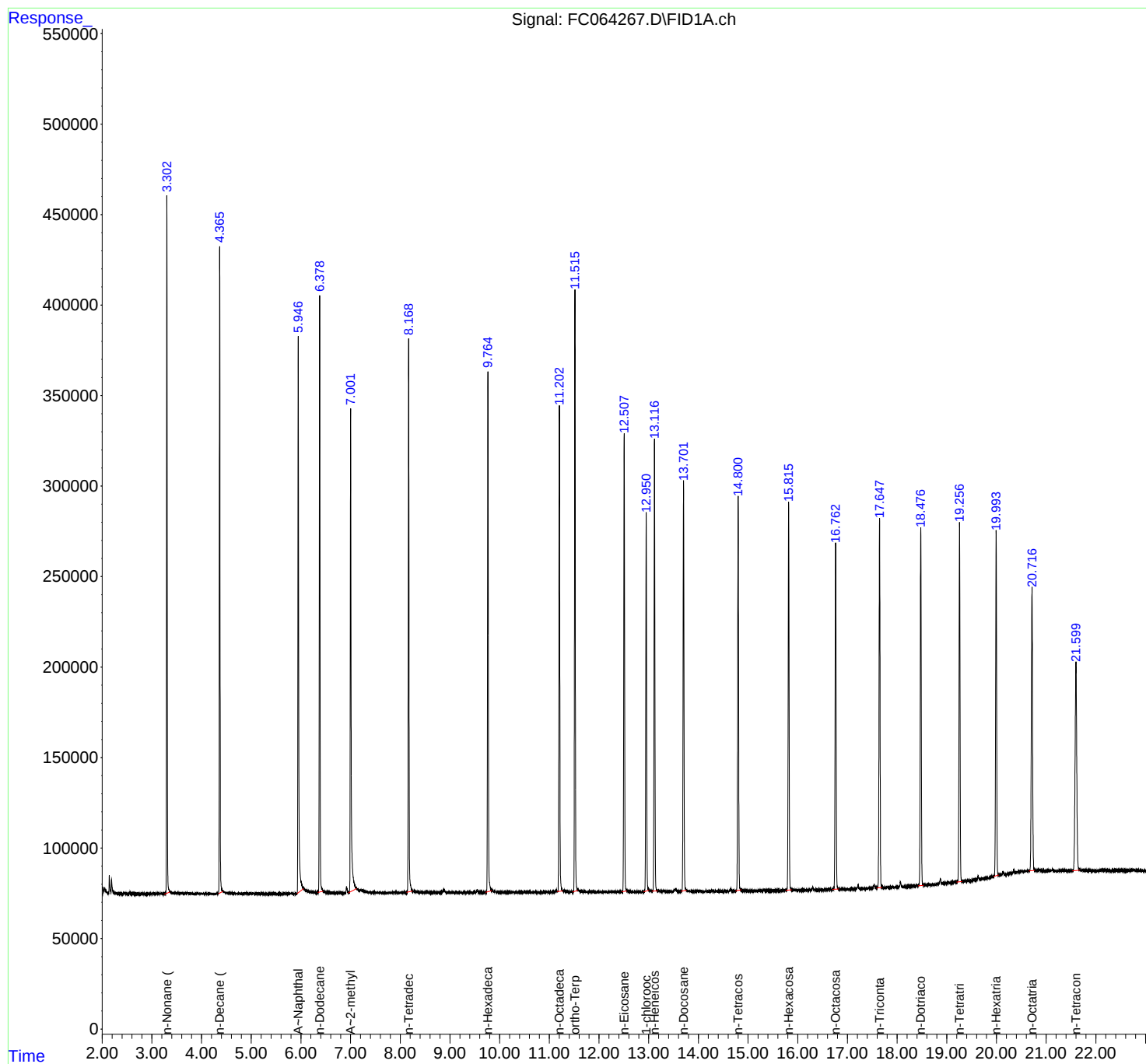
(m)=manual int.

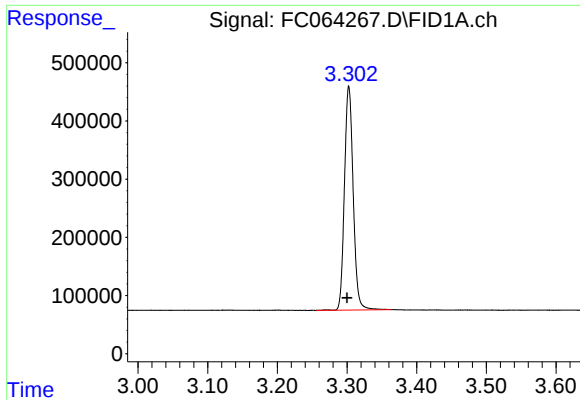
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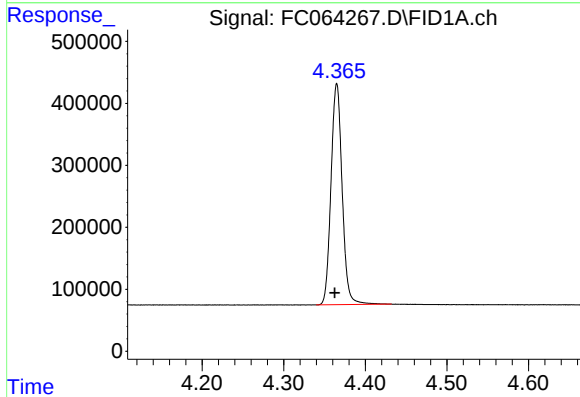




#1 n-Nonane (C9)

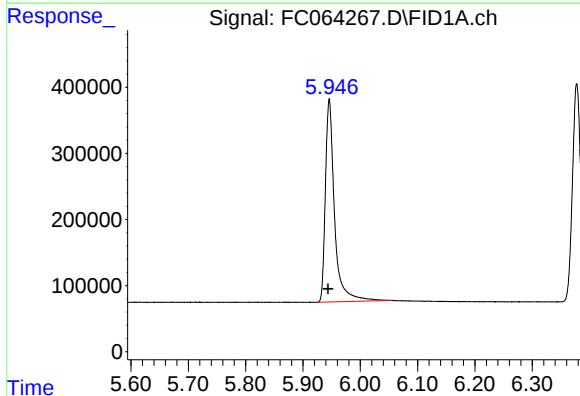
R.T.: 3.303 min
Delta R.T.: 0.003 min
Response: 3360137
Conc: 20.71 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



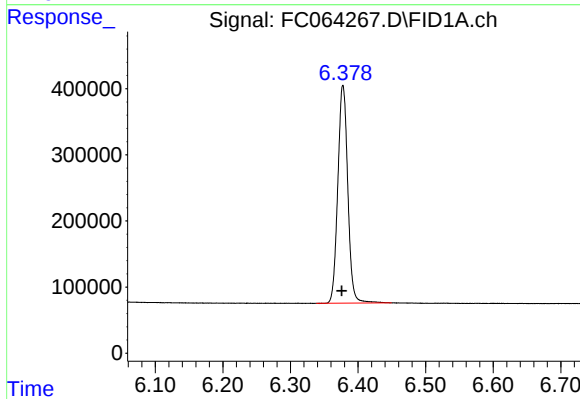
#2 n-Decane (C10)

R.T.: 4.365 min
Delta R.T.: 0.003 min
Response: 3390441
Conc: 20.73 ug/ml



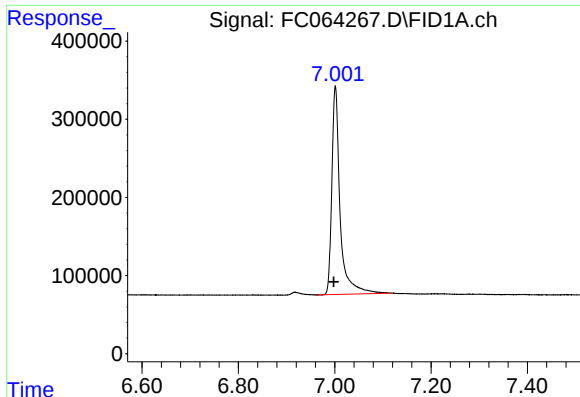
#3 A~Naphthalene (C11.7)

R.T.: 5.946 min
Delta R.T.: 0.002 min
Response: 3401766
Conc: 20.96 ug/ml



#4 n-Dodecane (C12)

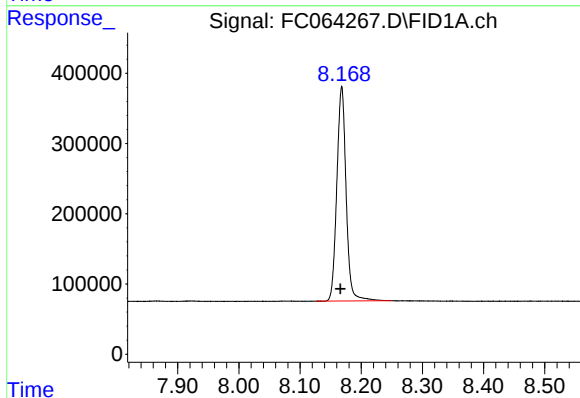
R.T.: 6.378 min
Delta R.T.: 0.002 min
Response: 3379000
Conc: 20.70 ug/ml



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

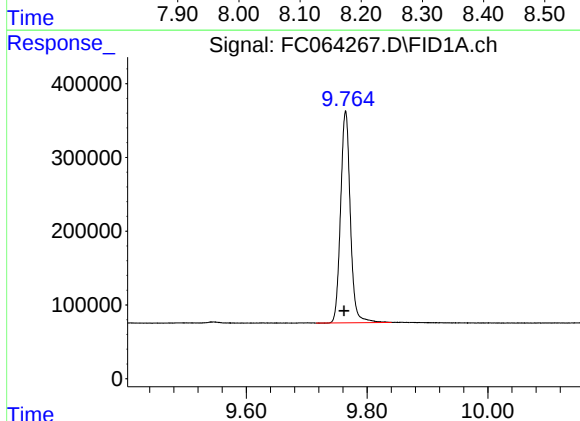
R.T.: 7.001 min
Delta R.T.: 0.003 min
Response: 3175857
Conc: 20.84 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



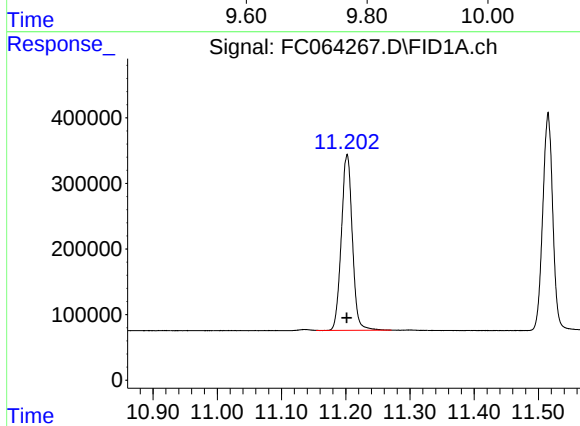
#6 n-Tetradecane (C14)

R.T.: 8.168 min
Delta R.T.: 0.002 min
Response: 3225080
Conc: 20.54 ug/ml



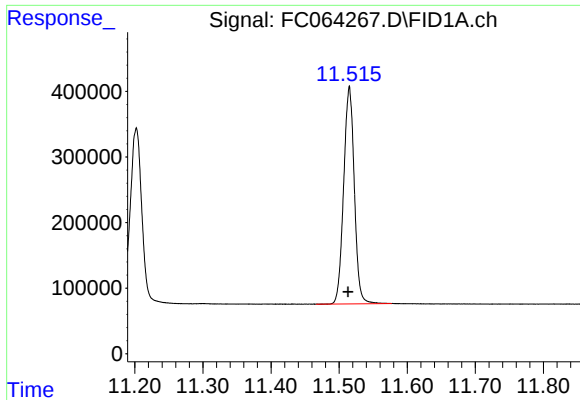
#7 n-Hexadecane (C16)

R.T.: 9.765 min
Delta R.T.: 0.003 min
Response: 3204525
Conc: 20.38 ug/ml



#8 n-Octadecane (C18)

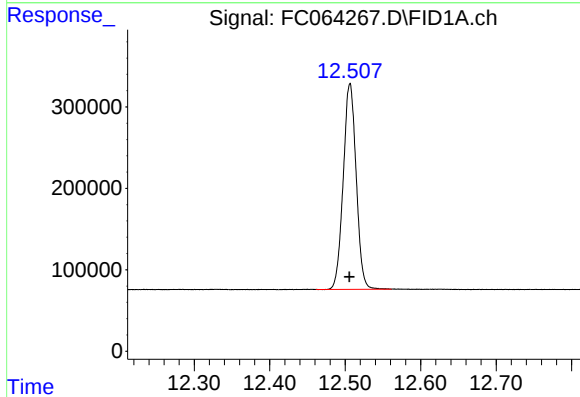
R.T.: 11.202 min
Delta R.T.: 0.000 min
Response: 3193452
Conc: 20.16 ug/ml



#9 ortho-Terphenyl (SURR)

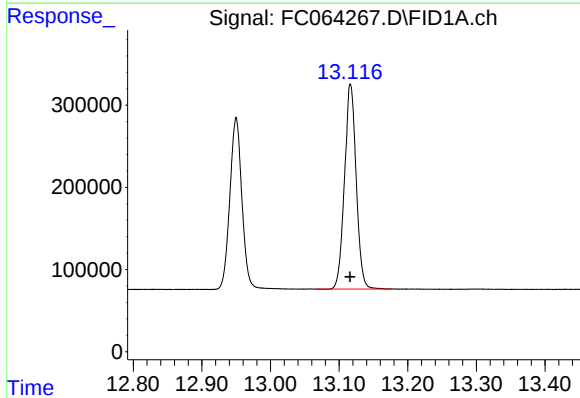
R.T.: 11.515 min
Delta R.T.: 0.002 min
Response: 3595937
Conc: 20.16 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



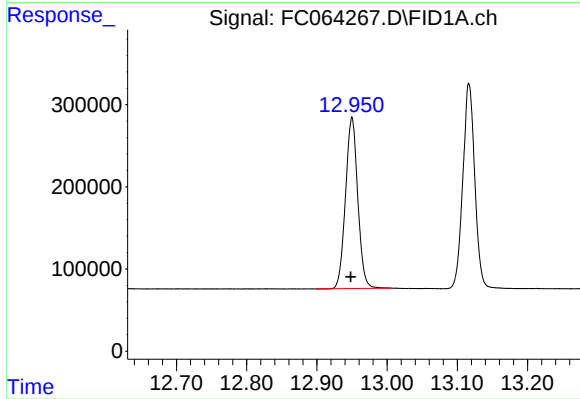
#10 n-Eicosane (C20)

R.T.: 12.506 min
Delta R.T.: 0.000 min
Response: 3013004
Conc: 20.19 ug/ml



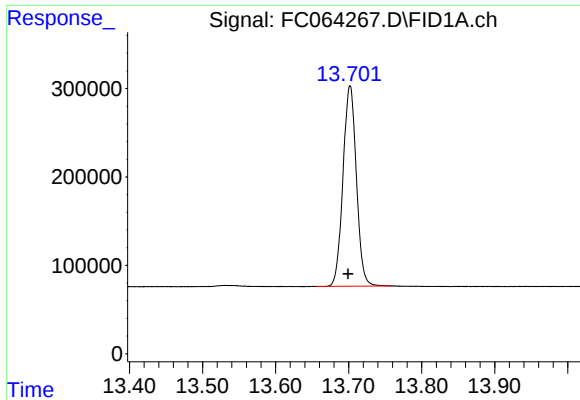
#11 n-Heneicosane (C21)

R.T.: 13.117 min
Delta R.T.: 0.000 min
Response: 2944357
Conc: 20.17 ug/ml



#12 1-chlorooctadecane (SURR)

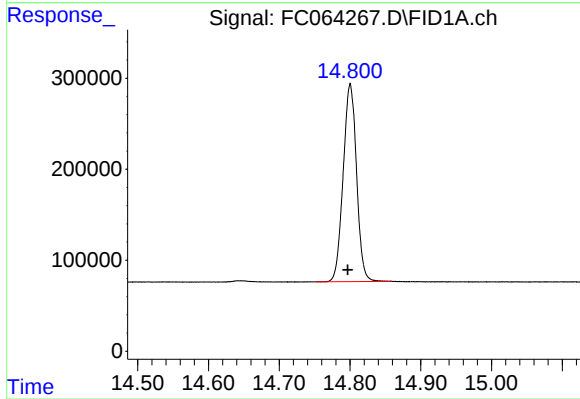
R.T.: 12.950 min
Delta R.T.: 0.002 min
Response: 2524019
Conc: 20.01 ug/ml



#13 n-Docosane (C22)

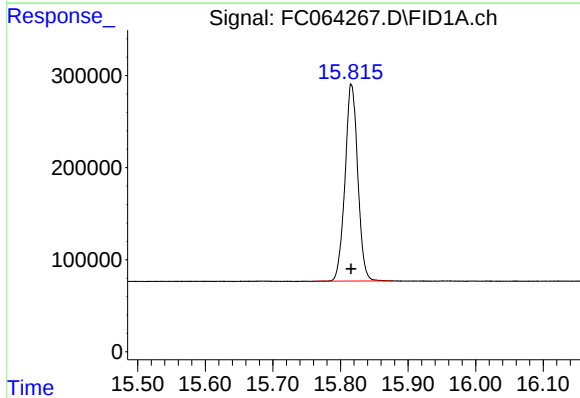
R.T.: 13.702 min
Delta R.T.: 0.003 min
Response: 2888643
Conc: 20.24 ug/ml

Instrument :
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ClientSampleId :
20 PPM ALIPHATIC HC STD



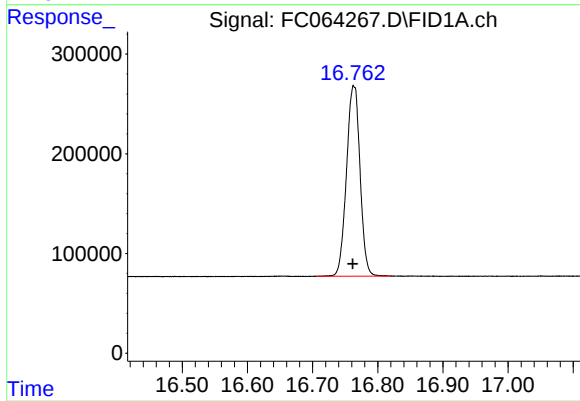
#14 n-Tetracosane (C24)

R.T.: 14.800 min
Delta R.T.: 0.003 min
Response: 2852505
Conc: 20.31 ug/ml



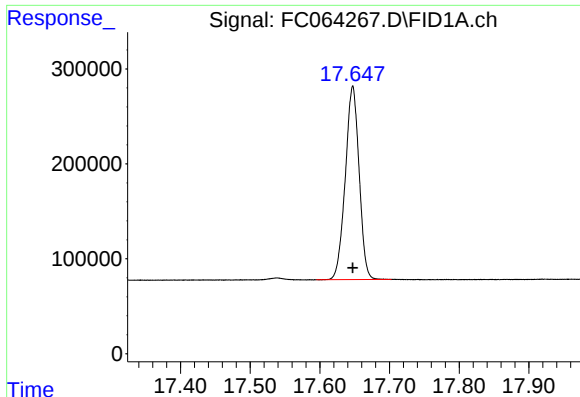
#15 n-Hexacosane (C26)

R.T.: 15.816 min
Delta R.T.: 0.000 min
Response: 2804200
Conc: 20.42 ug/ml



#16 n-Octacosane (C28)

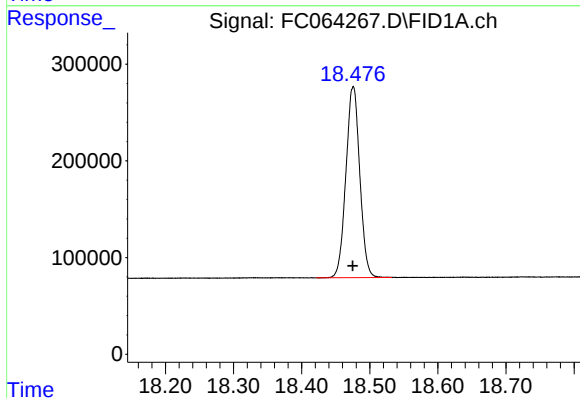
R.T.: 16.763 min
Delta R.T.: 0.002 min
Response: 2758028
Conc: 20.57 ug/ml



#17 n-Tricontane (C30)

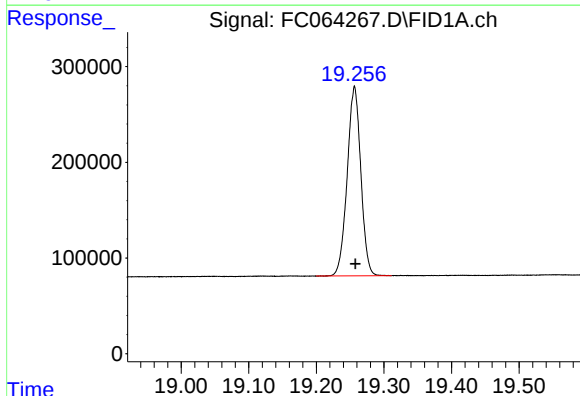
R.T.: 17.647 min
Delta R.T.: 0.000 min
Response: 2810151
Conc: 20.25 ug/ml

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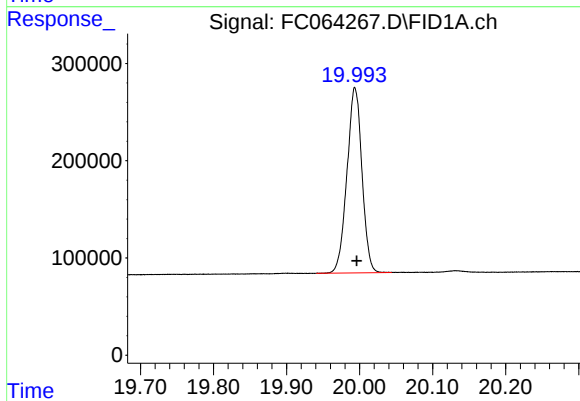
#18 n-Dotriacontane (C32)

R.T.: 18.476 min
Delta R.T.: 0.000 min
Response: 2795314
Conc: 19.86 ug/ml



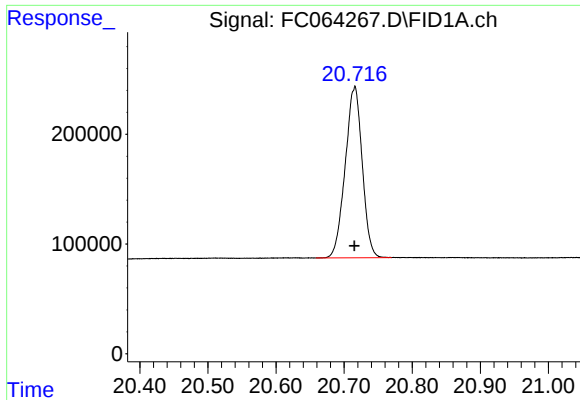
#19 n-Tetratriacontane (C34)

R.T.: 19.257 min
Delta R.T.: -0.001 min
Response: 2775146
Conc: 19.99 ug/ml



#20 n-Hexatriacontane (C36)

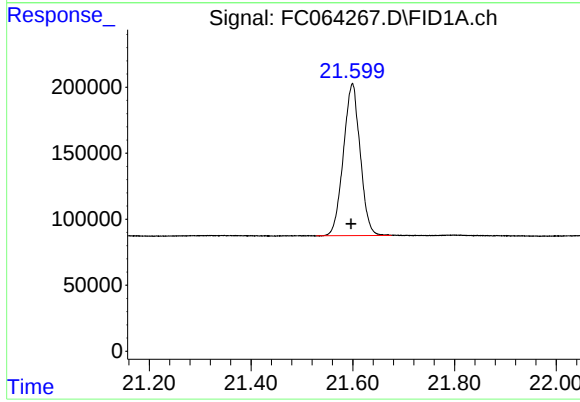
R.T.: 19.994 min
Delta R.T.: -0.002 min
Response: 2714738
Conc: 20.01 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.716 min
Delta R.T.: 0.000 min
Response: 2703353
Conc: 19.93 ug/ml

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FID_C
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.599 min
Delta R.T.: 0.003 min
Response: 2629965
Conc: 19.58 ug/ml