

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102224AL\
 Data File : FC067484.D
 Signal(s) : FID1A.ch
 Acq On : 22 Oct 2024 12:09
 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 23 04:50:50 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100224.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 01 09:13:32 2024
 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)	11.496	2569062	16.884 ug/ml
Spiked Amount 50.000		Recovery =	33.77%
12) S 1-chlorooctadecane (S...	12.934	1893814	16.731 ug/ml
Spiked Amount 50.000		Recovery =	33.46%
Target Compounds			
1) T n-Nonane (C9)	3.275	2298916	18.136 ug/ml
2) T n-Decane (C10)	4.339	2382020	18.531 ug/ml
3) T A~Naphthalene (C11.7)	5.918	2586674	18.235 ug/ml
4) T n-Dodecane (C12)	6.355	2380594	18.346 ug/ml
5) T A~2-methylnaphthalene...	6.972	2479108	18.071 ug/ml
6) T n-Tetradecane (C14)	8.147	2320426	18.016 ug/ml
7) T n-Hexadecane (C16)	9.745	2342276	17.595 ug/ml
8) T n-Octadecane (C18)	11.185	2345861	17.300 ug/ml
10) T n-Eicosane (C20)	12.492	2241615	17.168 ug/ml
11) T n-Heneicosane (C21)	13.103	2186087	17.045 ug/ml
13) T n-Docosane (C22)	13.689	2199697	17.227 ug/ml
14) T n-Tetracosane (C24)	14.789	2267103	17.727 ug/ml
15) T n-Hexacosane (C26)	15.809	2283312	18.109 ug/ml
16) T n-Octacosane (C28)	16.757	2346786	18.680 ug/ml
17) T n-Tricontane (C30)	17.644	2461936	19.111 ug/ml
18) T n-Dotriacontane (C32)	18.476	2448385	19.598 ug/ml
19) T n-Tetratriacontane (C34)	19.257	2102446	19.240 ug/ml
20) T n-Hexatriacontane (C36)	19.994	1751894	18.535 ug/ml
21) T n-Octatriacontane (C38)	20.718	1610078	18.359 ug/ml
22) T n-Tetracontane (C40)	21.601	1565774	18.197 ug/ml

(f)=RT Delta > 1/2 Window

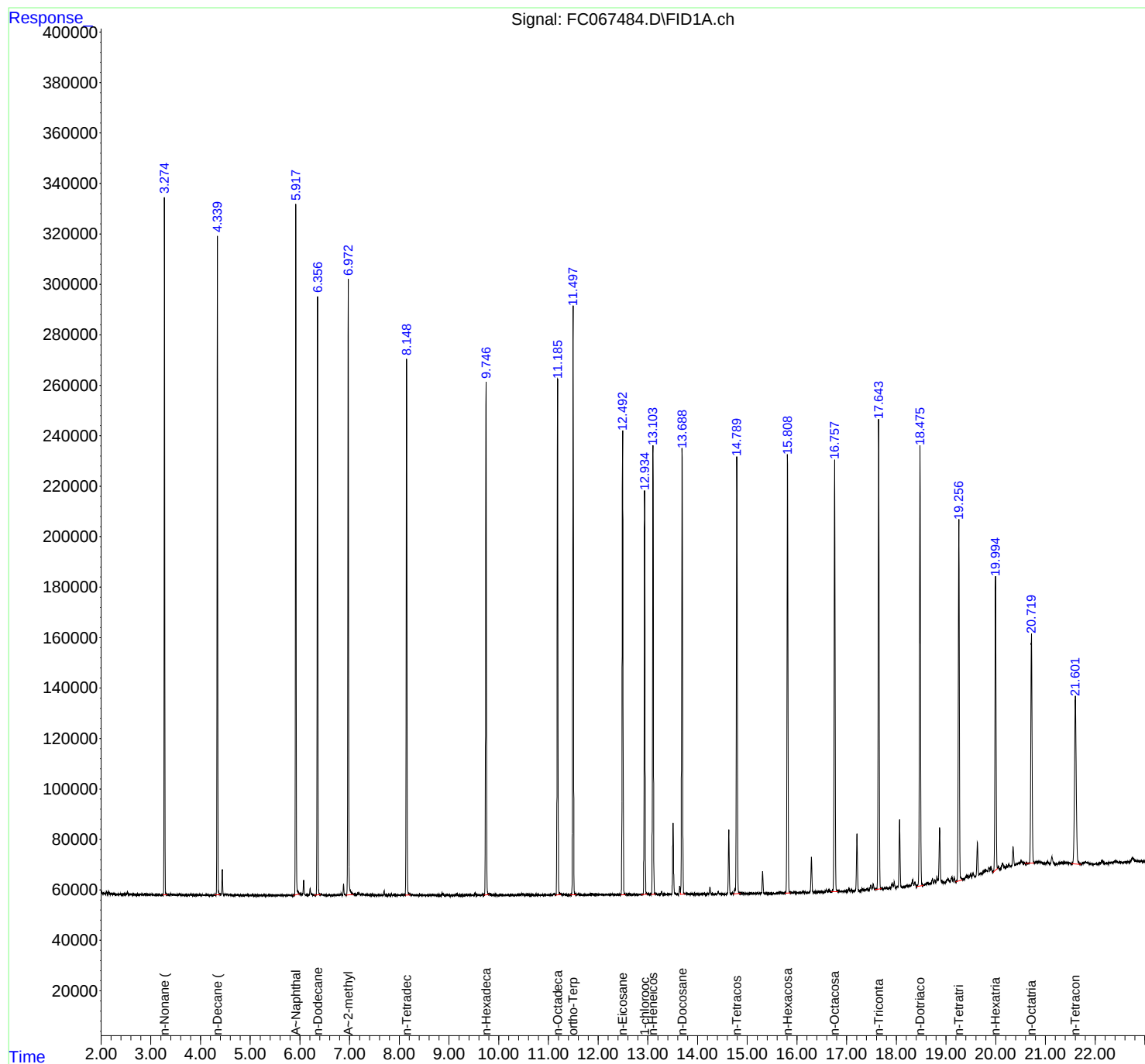
(m)=manual int.

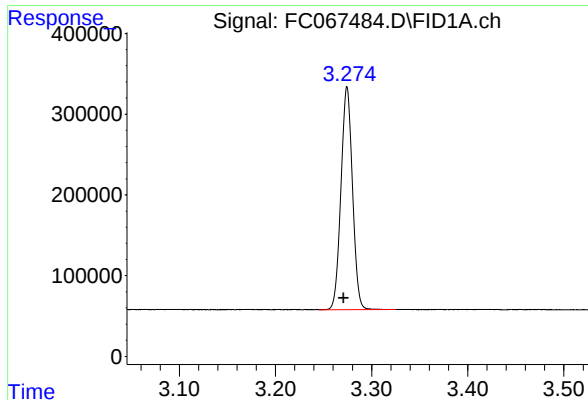
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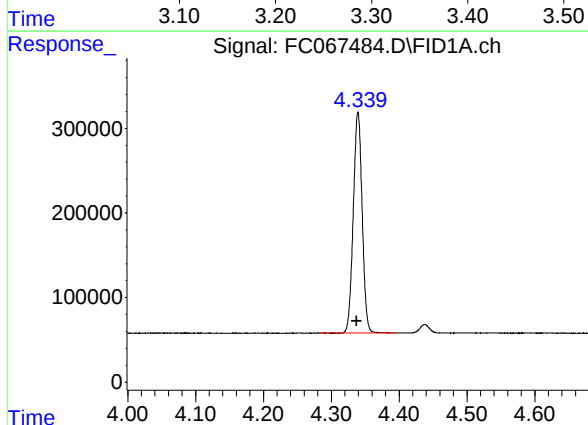




#1 n-Nonane (C9)

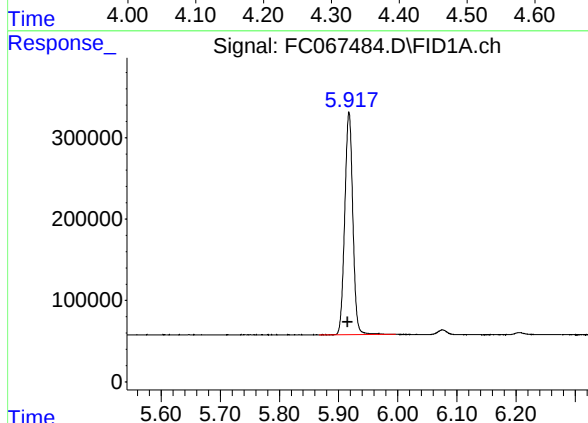
R.T.: 3.275 min
Delta R.T.: 0.004 min
Response: 2298916
Conc: 18.14 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



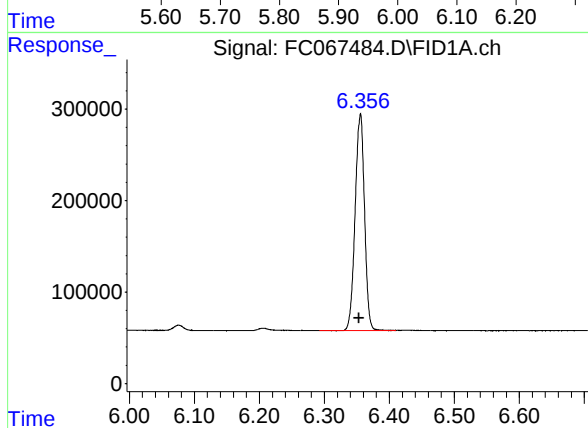
#2 n-Decane (C10)

R.T.: 4.339 min
Delta R.T.: 0.002 min
Response: 2382020
Conc: 18.53 ug/ml



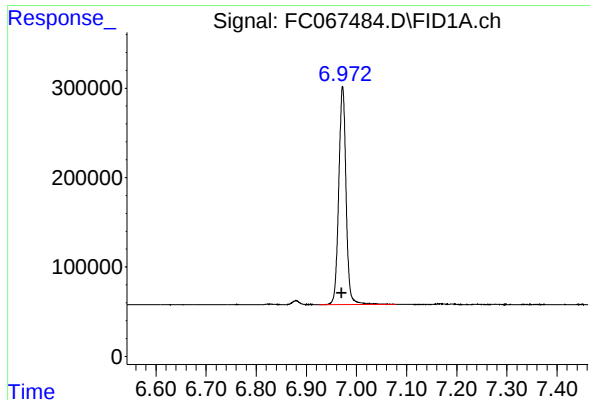
#3 A~Naphthalene (C11.7)

R.T.: 5.918 min
Delta R.T.: 0.003 min
Response: 2586674
Conc: 18.23 ug/ml



#4 n-Dodecane (C12)

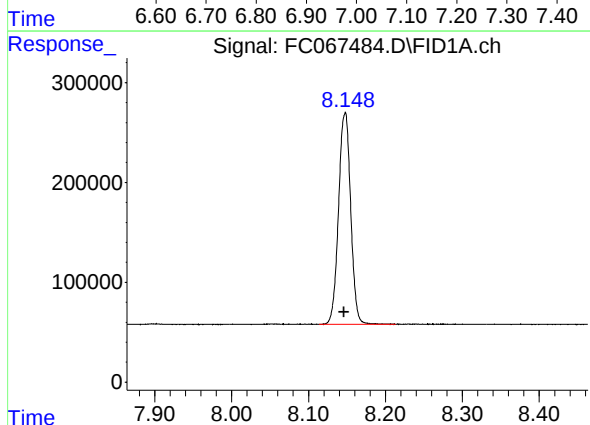
R.T.: 6.355 min
Delta R.T.: 0.002 min
Response: 2380594
Conc: 18.35 ug/ml



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

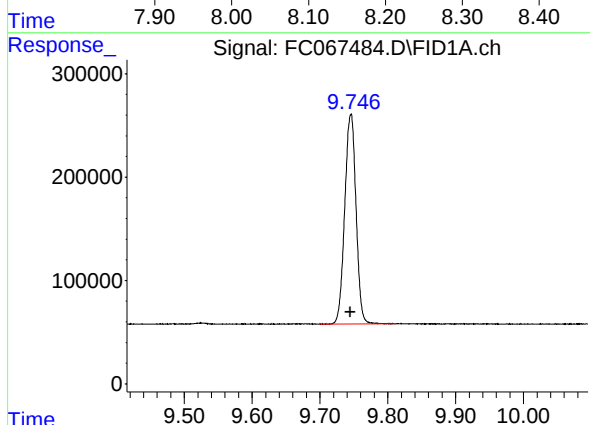
R.T.: 6.972 min
Delta R.T.: 0.002 min
Response: 2479108
Conc: 18.07 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



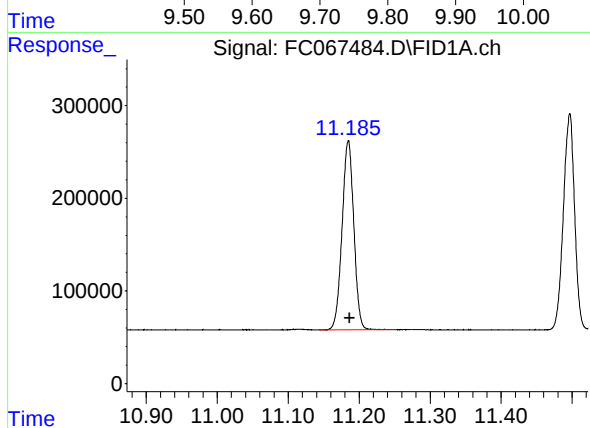
#6 n-Tetradecane (C14)

R.T.: 8.147 min
Delta R.T.: 0.001 min
Response: 2320426
Conc: 18.02 ug/ml



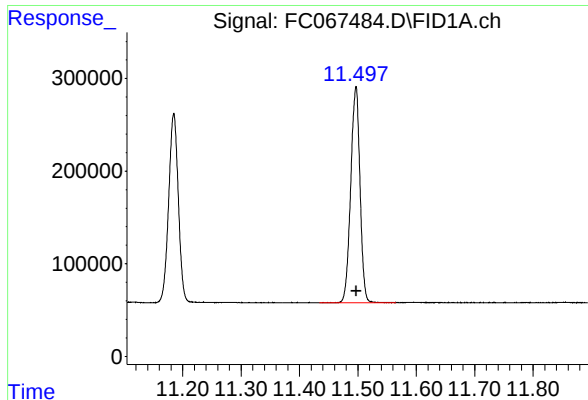
#7 n-Hexadecane (C16)

R.T.: 9.745 min
Delta R.T.: 0.000 min
Response: 2342276
Conc: 17.60 ug/ml



#8 n-Octadecane (C18)

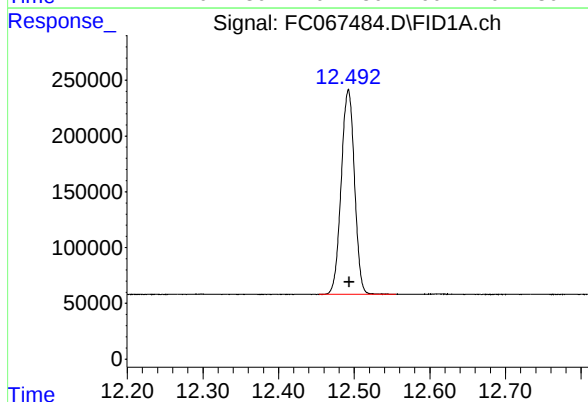
R.T.: 11.185 min
Delta R.T.: -0.002 min
Response: 2345861
Conc: 17.30 ug/ml



#9 ortho-Terphenyl (SURR)

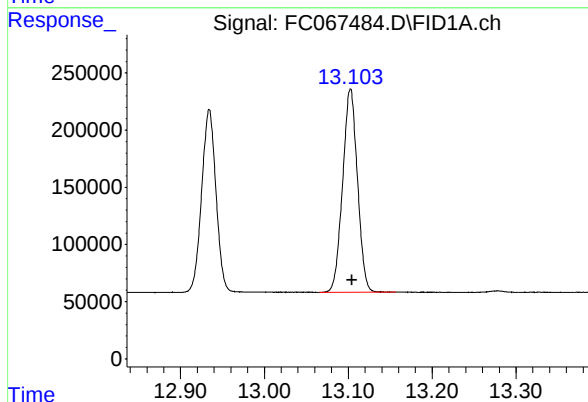
R.T.: 11.496 min
Delta R.T.: 0.000 min
Response: 2569062
Conc: 16.88 ug/ml

Instrument :
FID_C
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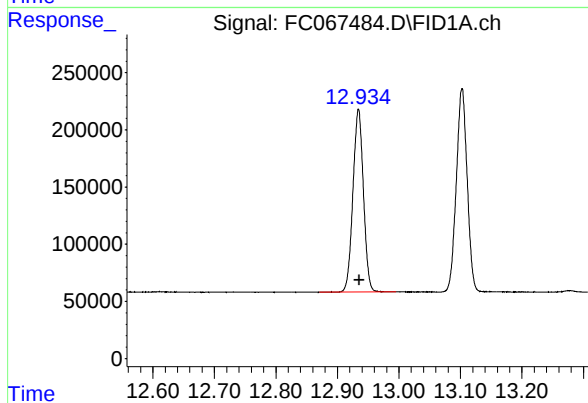
#10 n-Eicosane (C20)

R.T.: 12.492 min
Delta R.T.: -0.001 min
Response: 2241615
Conc: 17.17 ug/ml



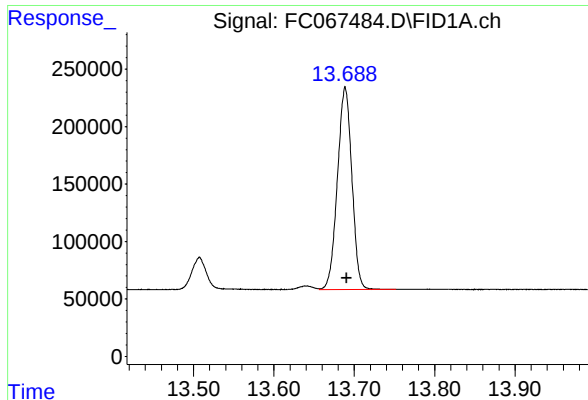
#11 n-Heneicosane (C21)

R.T.: 13.103 min
Delta R.T.: -0.002 min
Response: 2186087
Conc: 17.04 ug/ml



#12 1-chlorooctadecane (SURR)

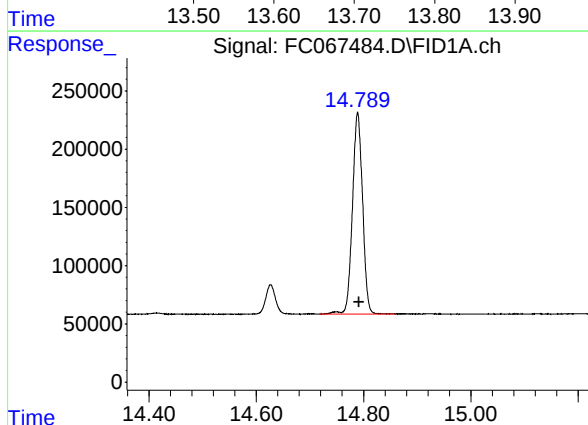
R.T.: 12.934 min
Delta R.T.: -0.001 min
Response: 1893814
Conc: 16.73 ug/ml



#13 n-Docosane (C22)

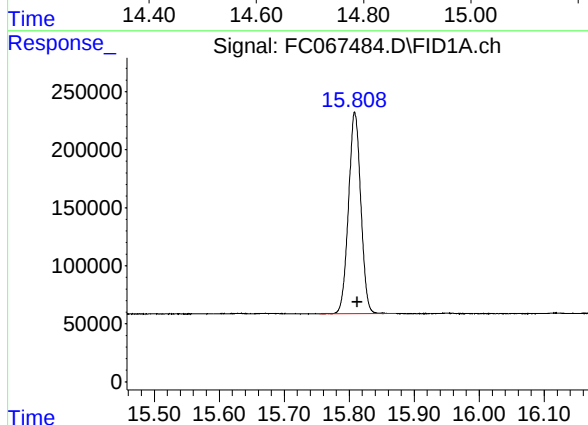
R.T.: 13.689 min
Delta R.T.: -0.002 min
Response: 2199697
Conc: 17.23 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



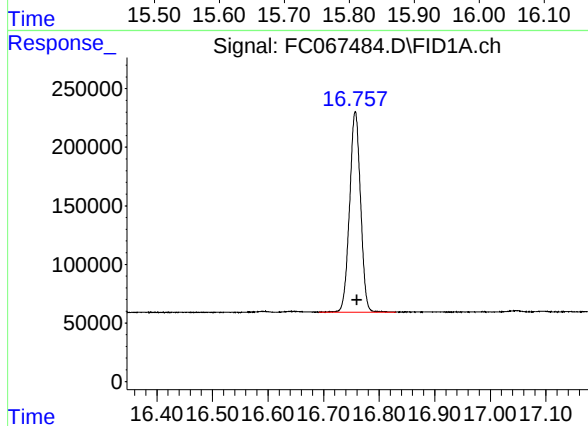
#14 n-Tetracosane (C24)

R.T.: 14.789 min
Delta R.T.: -0.003 min
Response: 2267103
Conc: 17.73 ug/ml



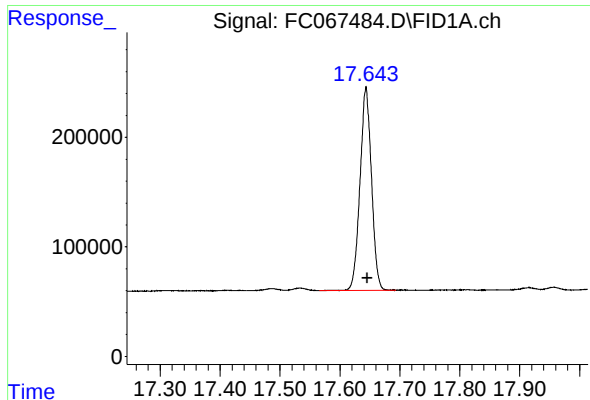
#15 n-Hexacosane (C26)

R.T.: 15.809 min
Delta R.T.: -0.004 min
Response: 2283312
Conc: 18.11 ug/ml



#16 n-Octacosane (C28)

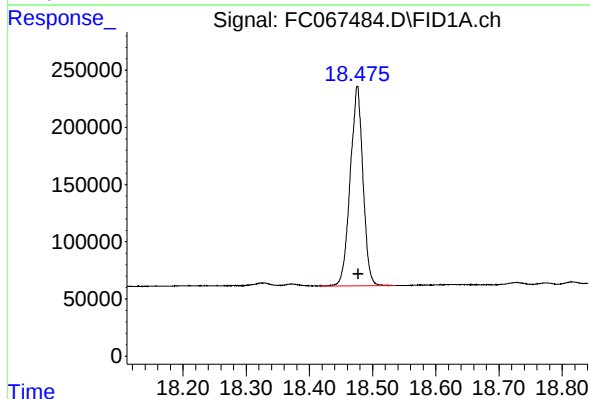
R.T.: 16.757 min
Delta R.T.: -0.003 min
Response: 2346786
Conc: 18.68 ug/ml



#17 n-Tricontane (C30)

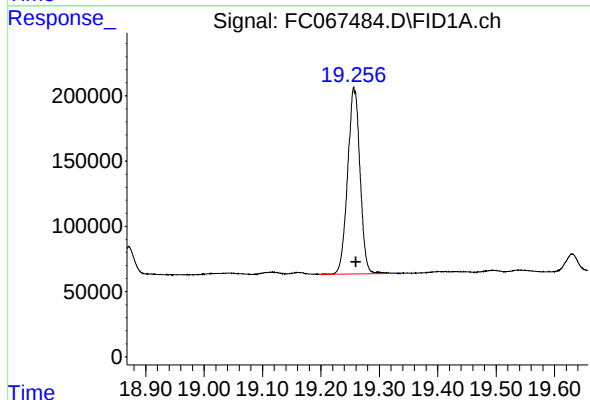
R.T.: 17.644 min
Delta R.T.: -0.003 min
Response: 2461936
Conc: 19.11 ug/ml

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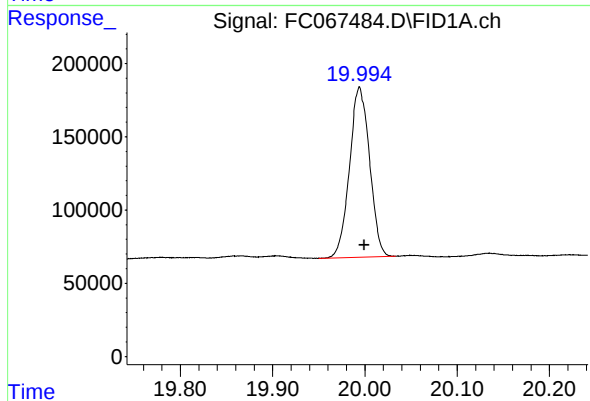
#18 n-Dotriacontane (C32)

R.T.: 18.476 min
Delta R.T.: -0.002 min
Response: 2448385
Conc: 19.60 ug/ml



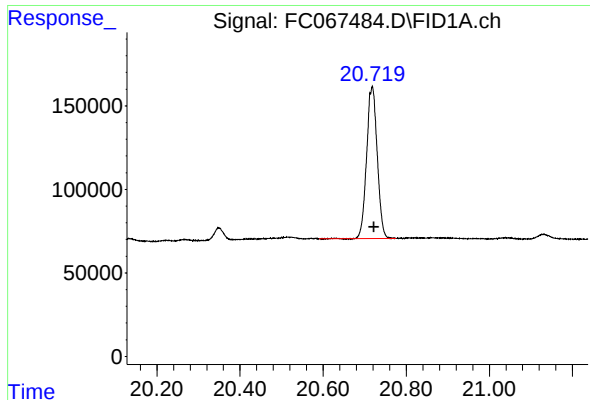
#19 n-Tetratriacontane (C34)

R.T.: 19.257 min
Delta R.T.: -0.003 min
Response: 2102446
Conc: 19.24 ug/ml



#20 n-Hexatriacontane (C36)

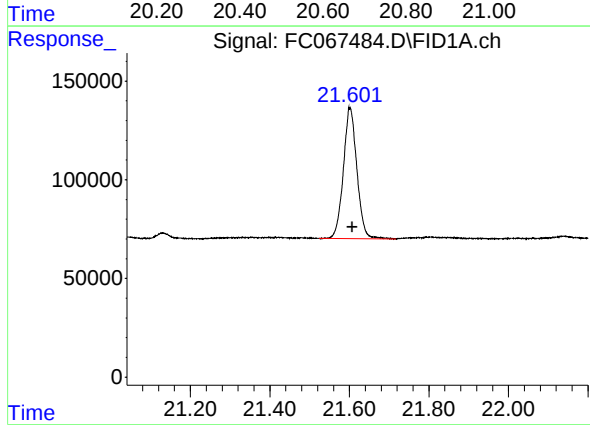
R.T.: 19.994 min
Delta R.T.: -0.005 min
Response: 1751894
Conc: 18.54 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.718 min
Delta R.T.: -0.005 min
Response: 1610078
Conc: 18.36 ug/ml

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FID_C
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#22 n-Tetracontane (C40)

R.T.: 21.601 min
Delta R.T.: -0.006 min
Response: 1565774
Conc: 18.20 ug/ml