

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC012925AL\
 Data File : FC068144.D
 Signal(s) : FID1A.ch
 Acq On : 29 Jan 2025 08:41
 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: Jan 30 01:29:04 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 012425.M
 Quant Title : GC Extractables
 QLast Update : Sat Jan 25 04:31:18 2025
 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)	11.425	2991647	19.144 ug/ml
Spiked Amount 50.000		Recovery =	38.29%
12) S 1-chlorooctadecane (S...	12.866	2217871	19.285 ug/ml
Spiked Amount 50.000		Recovery =	38.57%
Target Compounds			
1) T n-Nonane (C9)	3.230	2650627	19.357 ug/ml
2) T n-Decane (C10)	4.288	2715919	19.563 ug/ml
3) T A~Naphthalene (C11.7)	5.857	2936736	19.562 ug/ml
4) T n-Dodecane (C12)	6.297	2714803	19.433 ug/ml
5) T A~2-methylnaphthalene...	6.909	2816021	19.606 ug/ml
6) T n-Tetradecane (C14)	8.086	2647642	19.400 ug/ml
7) T n-Hexadecane (C16)	9.681	2695433	19.399 ug/ml
8) T n-Octadecane (C18)	11.119	2706674	19.345 ug/ml
10) T n-Eicosane (C20)	12.425	2577366	19.263 ug/ml
11) T n-Heneicosane (C21)	13.035	2525460	19.228 ug/ml
13) T n-Docosane (C22)	13.620	2491870	19.237 ug/ml
14) T n-Tetracosane (C24)	14.720	2470581	19.243 ug/ml
15) T n-Hexacosane (C26)	15.739	2436456	19.362 ug/ml
16) T n-Octacosane (C28)	16.687	2516971	20.124 ug/ml
17) T n-Tricontane (C30)	17.573	2764324	21.387 ug/ml
18) T n-Dotriacontane (C32)	18.405	2751033	22.006 ug/ml
19) T n-Tetratriacontane (C34)	19.187	2379197	21.933 ug/ml
20) T n-Hexatriacontane (C36)	19.924	1975173	21.343 ug/ml
21) T n-Octatriacontane (C38)	20.639	1786065	20.844 ug/ml
22) T n-Tetracontane (C40)	21.501	1684453	20.832 ug/ml

(f)=RT Delta > 1/2 Window

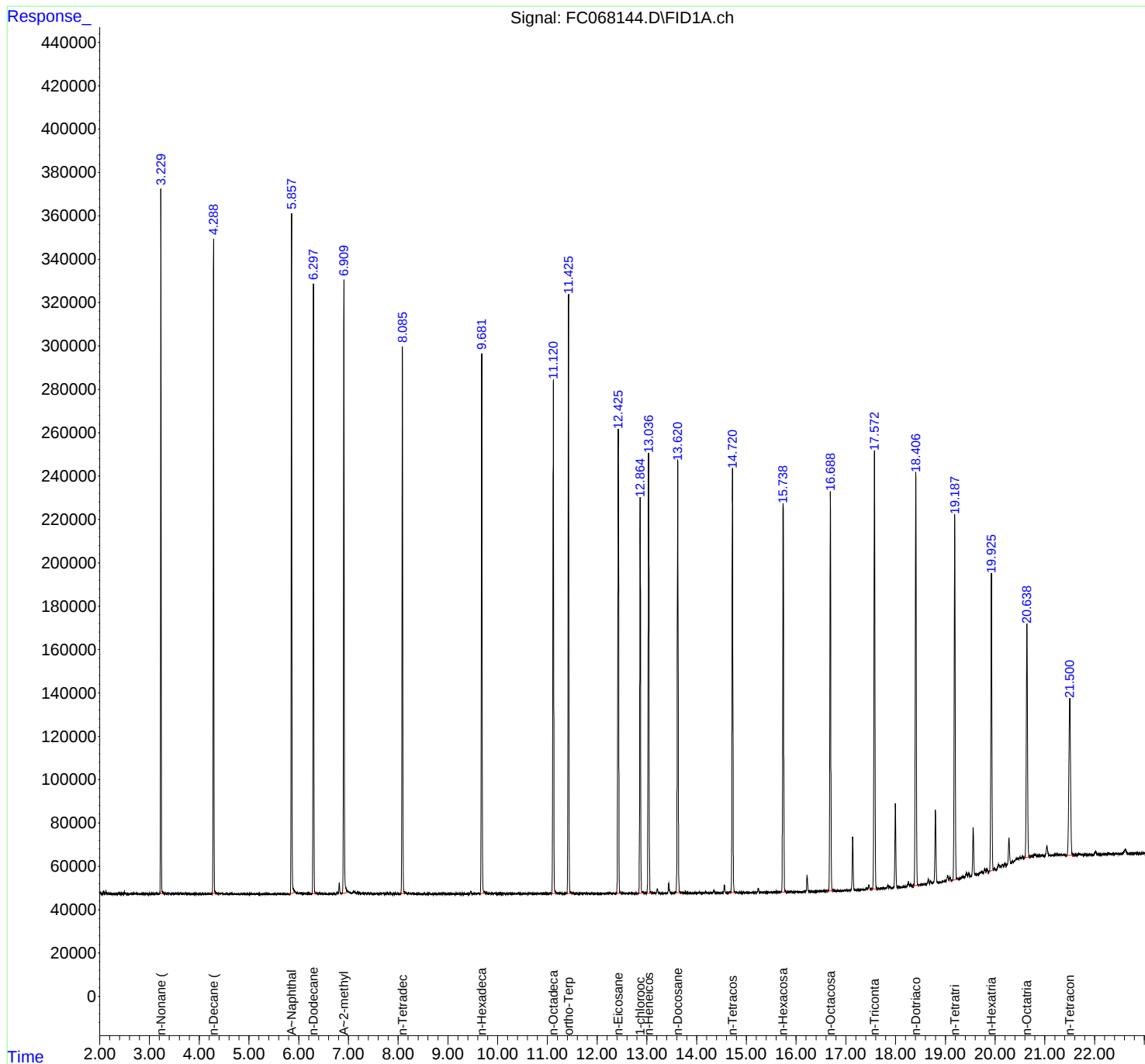
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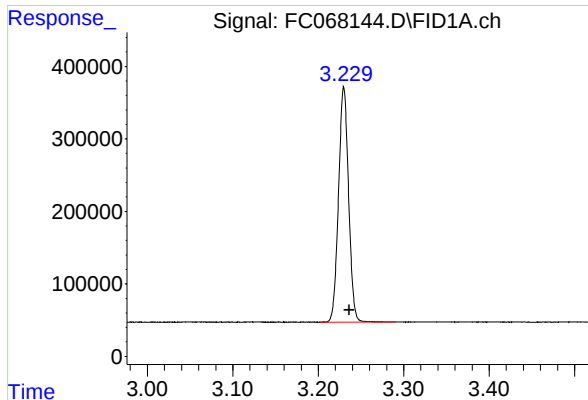
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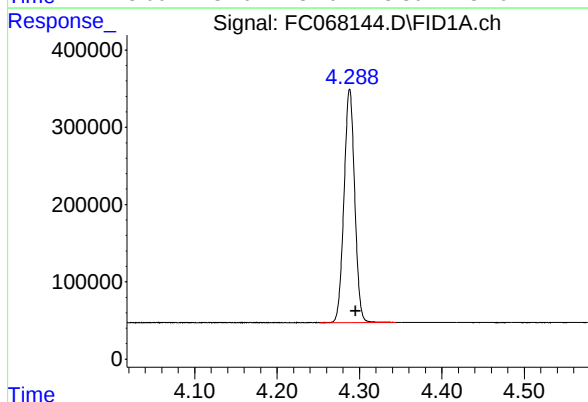




#1 n-Nonane (C9)

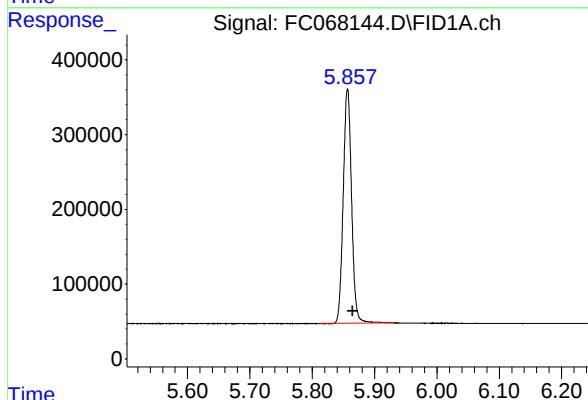
R.T.: 3.230 min
Delta R.T.: -0.006 min
Response: 2650627
Conc: 19.36 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



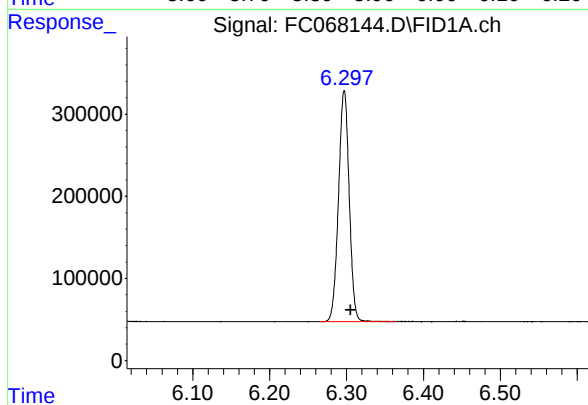
#2 n-Decane (C10)

R.T.: 4.288 min
Delta R.T.: -0.007 min
Response: 2715919
Conc: 19.56 ug/ml



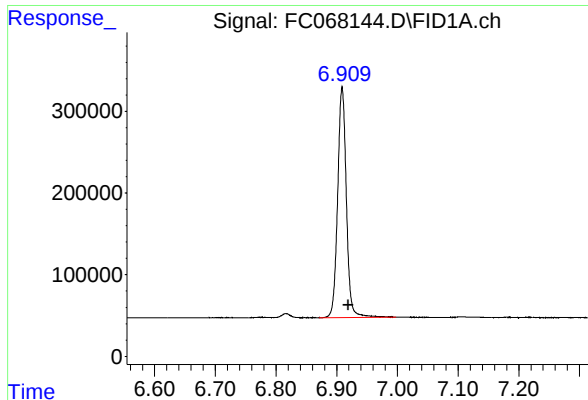
#3 A~Naphthalene (C11.7)

R.T.: 5.857 min
Delta R.T.: -0.008 min
Response: 2936736
Conc: 19.56 ug/ml



#4 n-Dodecane (C12)

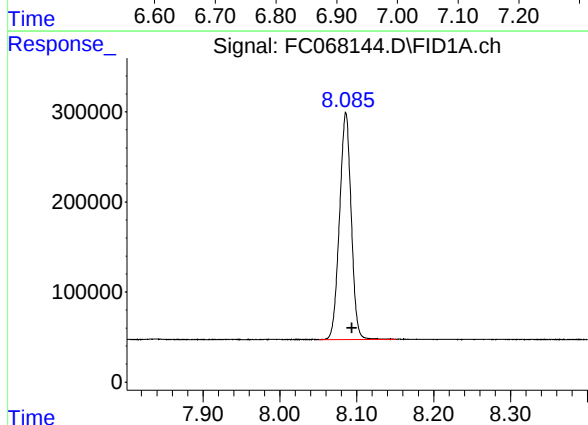
R.T.: 6.297 min
Delta R.T.: -0.008 min
Response: 2714803
Conc: 19.43 ug/ml



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

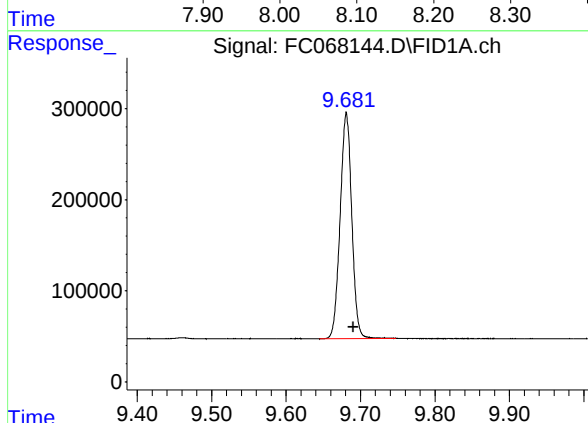
R.T.: 6.909 min
Delta R.T.: -0.010 min
Response: 2816021
Conc: 19.61 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



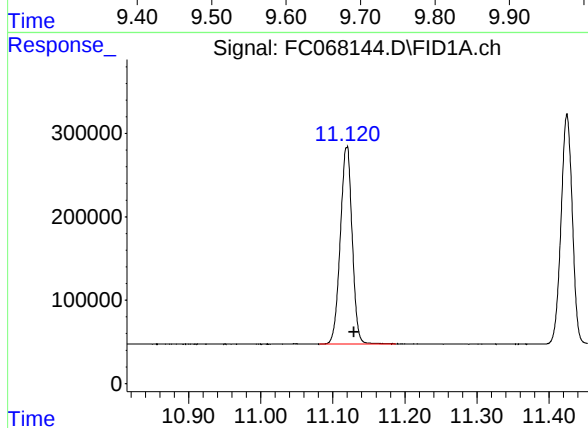
#6 n-Tetradecane (C14)

R.T.: 8.086 min
Delta R.T.: -0.008 min
Response: 2647642
Conc: 19.40 ug/ml



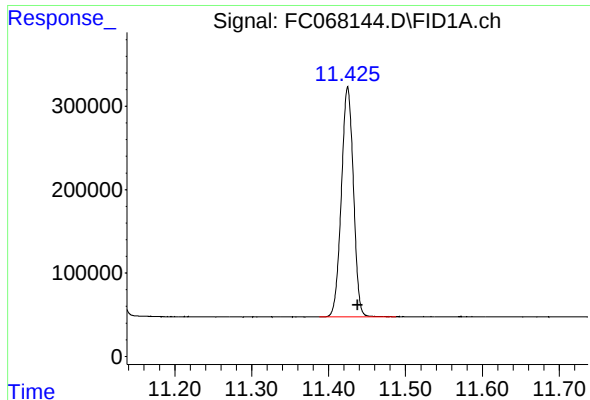
#7 n-Hexadecane (C16)

R.T.: 9.681 min
Delta R.T.: -0.009 min
Response: 2695433
Conc: 19.40 ug/ml



#8 n-Octadecane (C18)

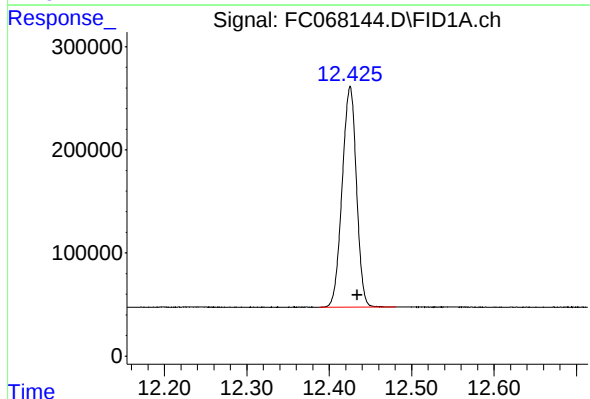
R.T.: 11.119 min
Delta R.T.: -0.010 min
Response: 2706674
Conc: 19.34 ug/ml



#9 ortho-Terphenyl (SURR)

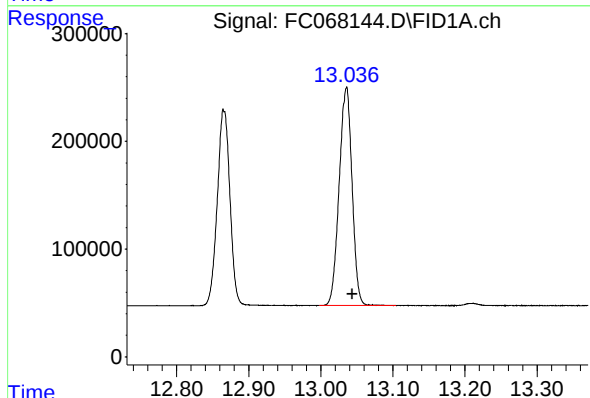
R.T.: 11.425 min
Delta R.T.: -0.012 min
Response: 2991647
Conc: 19.14 ug/ml

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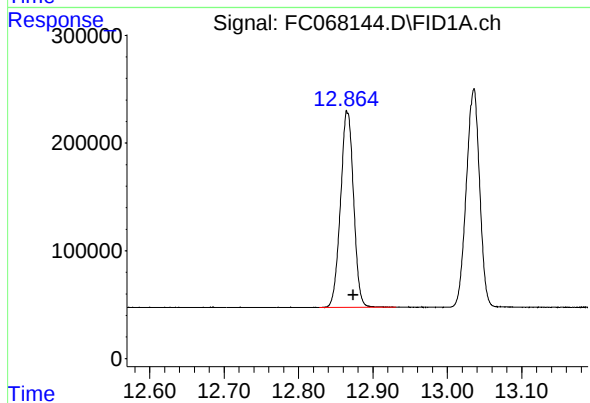
#10 n-Eicosane (C20)

R.T.: 12.425 min
Delta R.T.: -0.009 min
Response: 2577366
Conc: 19.26 ug/ml



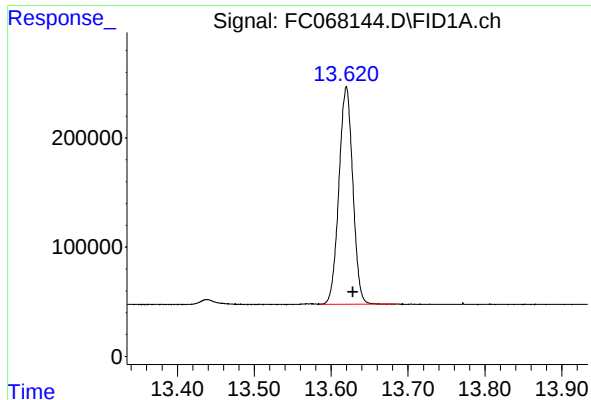
#11 n-Heneicosane (C21)

R.T.: 13.035 min
Delta R.T.: -0.008 min
Response: 2525460
Conc: 19.23 ug/ml



#12 1-chlorooctadecane (SURR)

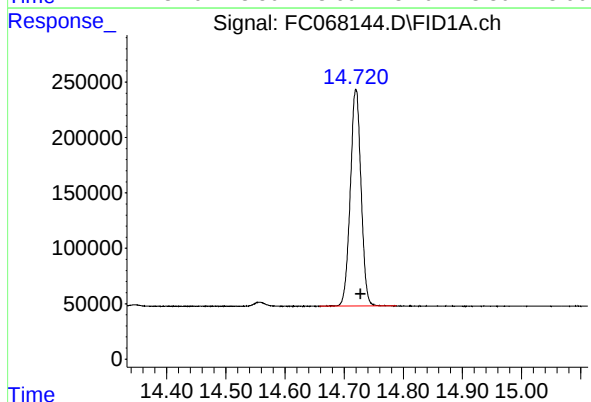
R.T.: 12.866 min
Delta R.T.: -0.008 min
Response: 2217871
Conc: 19.29 ug/ml



#13 n-Docosane (C22)

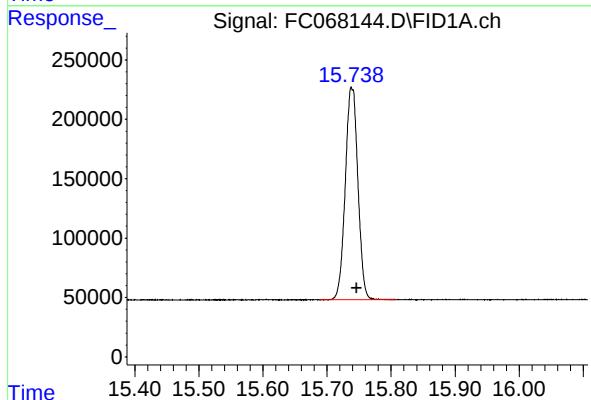
R.T.: 13.620 min
Delta R.T.: -0.009 min
Response: 2491870
Conc: 19.24 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



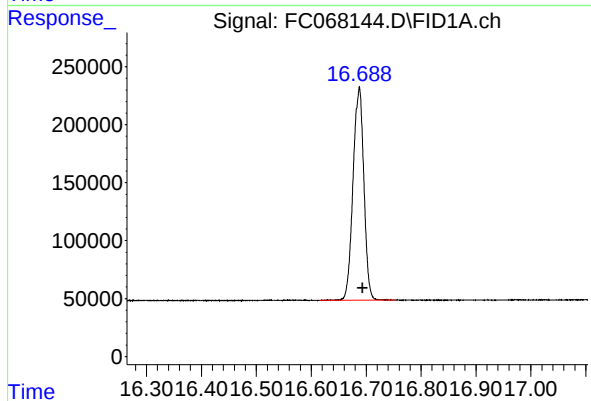
#14 n-Tetracosane (C24)

R.T.: 14.720 min
Delta R.T.: -0.008 min
Response: 2470581
Conc: 19.24 ug/ml



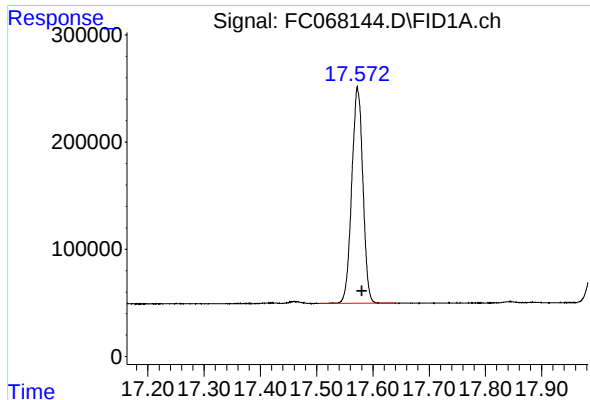
#15 n-Hexacosane (C26)

R.T.: 15.739 min
Delta R.T.: -0.007 min
Response: 2436456
Conc: 19.36 ug/ml



#16 n-Octacosane (C28)

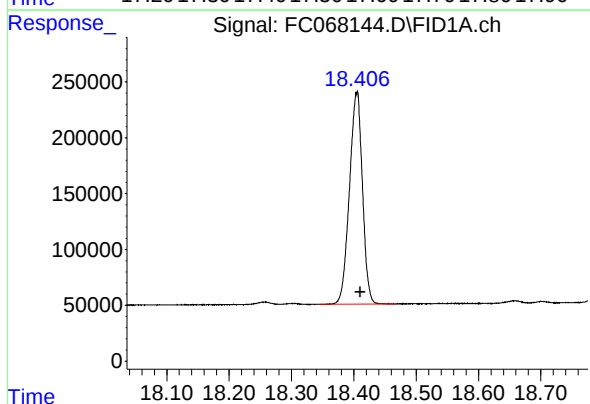
R.T.: 16.687 min
Delta R.T.: -0.007 min
Response: 2516971
Conc: 20.12 ug/ml



#17 n-Tricontane (C30)

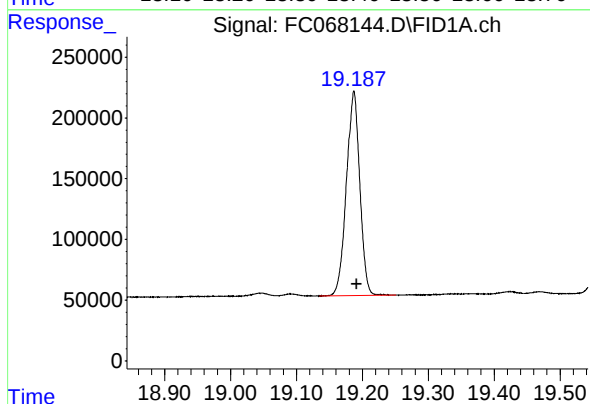
R.T.: 17.573 min
Delta R.T.: -0.008 min
Response: 2764324
Conc: 21.39 ug/ml

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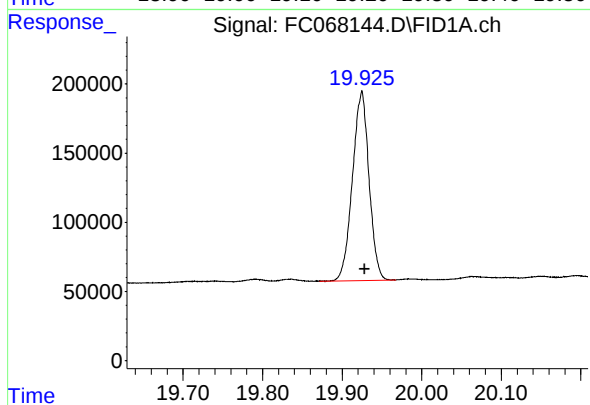
#18 n-Dotriacontane (C32)

R.T.: 18.405 min
Delta R.T.: -0.006 min
Response: 2751033
Conc: 22.01 ug/ml



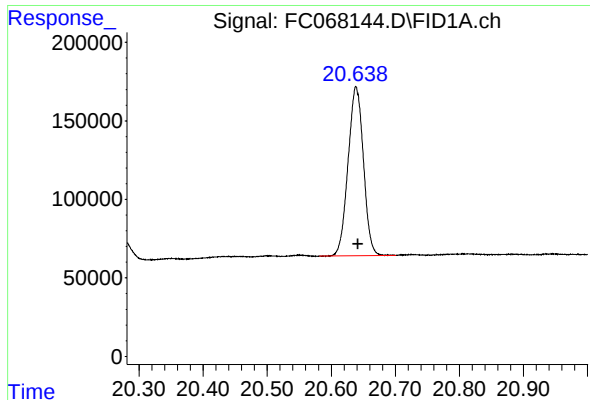
#19 n-Tetatriacontane (C34)

R.T.: 19.187 min
Delta R.T.: -0.004 min
Response: 2379197
Conc: 21.93 ug/ml



#20 n-Hexatriacontane (C36)

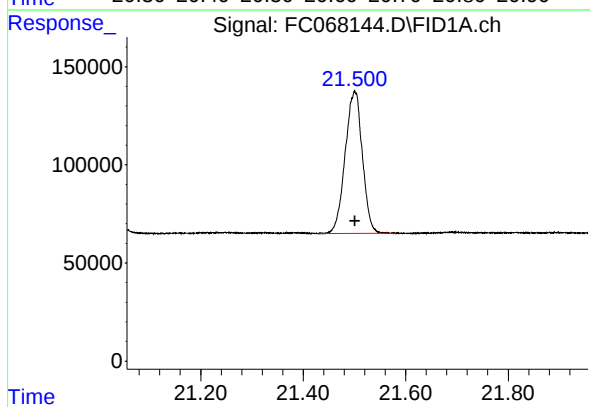
R.T.: 19.924 min
Delta R.T.: -0.004 min
Response: 1975173
Conc: 21.34 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.639 min
Delta R.T.: -0.003 min
Response: 1786065
Conc: 20.84 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.501 min
Delta R.T.: 0.000 min
Response: 1684453
Conc: 20.83 ug/ml