

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062623AL\
 Data File : FC064003.D
 Signal(s) : FID1A.ch
 Acq On : 27 Jun 2023 00:16
 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: Jun 27 03:56:10 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 062423.M
 Quant Title : GC Extractables
 QLast Update : Sun Jun 25 04:03:48 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)	11.523	3528347	18.172 ug/ml
Spiked Amount 50.000		Recovery =	36.34%
12) S 1-chlorooctadecane (S...	12.959	2536154	18.229 ug/ml
Spiked Amount 50.000		Recovery =	36.46%
Target Compounds			
1) T n-Nonane (C9)	3.305	3187898	17.874 ug/ml
2) T n-Decane (C10)	4.368	3269984	18.071 ug/ml
3) T A~Naphthalene (C11.7)	5.950	3365506	18.043 ug/ml
4) T n-Dodecane (C12)	6.383	3243233	18.003 ug/ml
5) T A~2-methylnaphthalene...	7.004	3181707	18.079 ug/ml
6) T n-Tetradecane (C14)	8.174	3127967	18.082 ug/ml
7) T n-Hexadecane (C16)	9.772	3150998	18.139 ug/ml
8) T n-Octadecane (C18)	11.210	3145894	18.253 ug/ml
10) T n-Eicosane (C20)	12.517	2964760	18.161 ug/ml
11) T n-Heneicosane (C21)	13.127	2881596	17.985 ug/ml
13) T n-Docosane (C22)	13.709	2841334	18.082 ug/ml
14) T n-Tetracosane (C24)	14.811	2799193	17.759 ug/ml
15) T n-Hexacosane (C26)	15.829	2756244	18.243 ug/ml
16) T n-Octacosane (C28)	16.775	2796258	18.557 ug/ml
17) T n-Tricontane (C30)	17.661	3037460	19.455 ug/ml
18) T n-Dotriacontane (C32)	18.491	3115264	19.720 ug/ml
19) T n-Tetratriacontane (C34)	19.270	2988619	19.422 ug/ml
20) T n-Hexatriacontane (C36)	20.008	2801426	18.975 ug/ml
21) T n-Octatriacontane (C38)	20.734	2744969	18.531 ug/ml
22) T n-Tetracontane (C40)	21.620	2662754	18.268 ug/ml

(f)=RT Delta > 1/2 Window

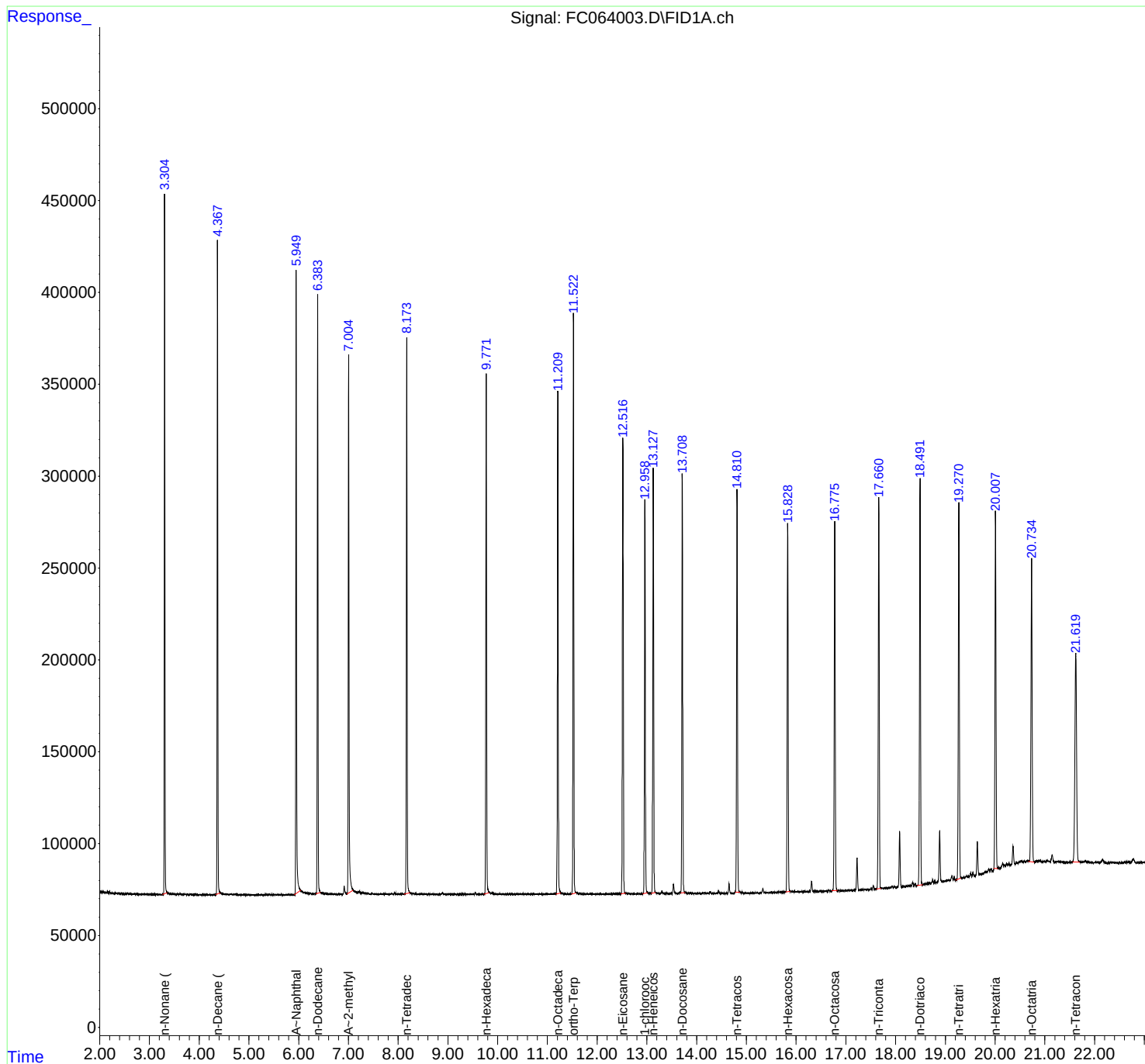
(m)=manual int.

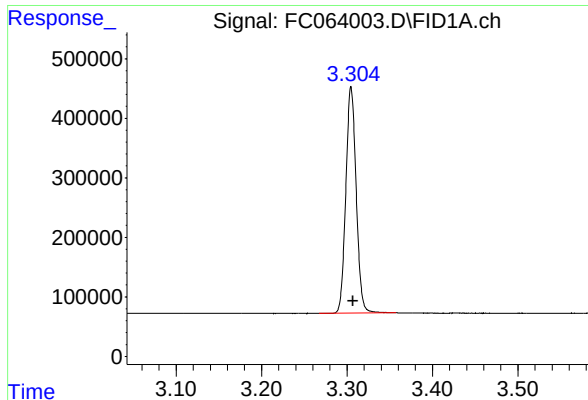
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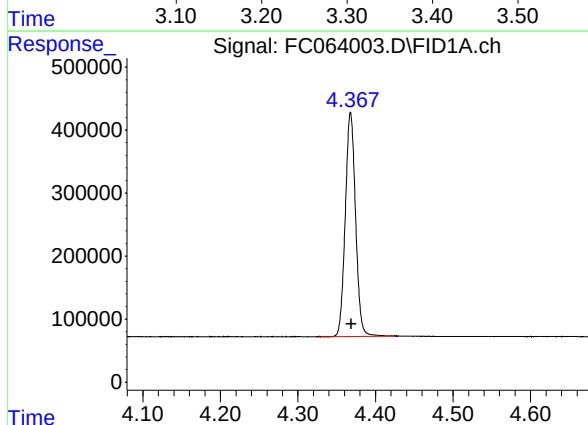




#1 n-Nonane (C9)

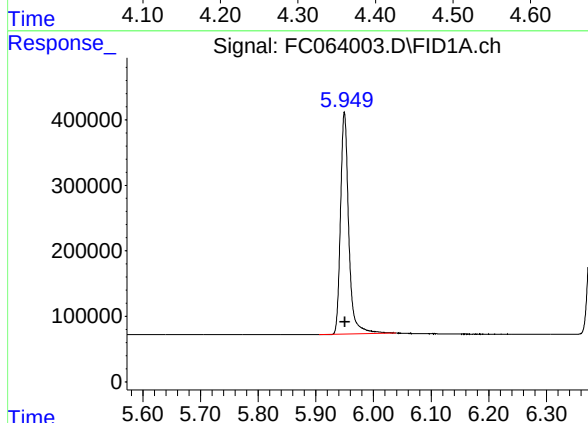
R.T.: 3.305 min
Delta R.T.: -0.002 min
Response: 3187898
Conc: 17.87 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



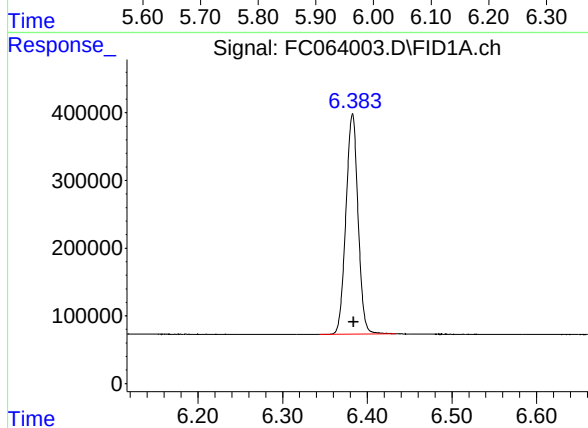
#2 n-Decane (C10)

R.T.: 4.368 min
Delta R.T.: -0.001 min
Response: 3269984
Conc: 18.07 ug/ml



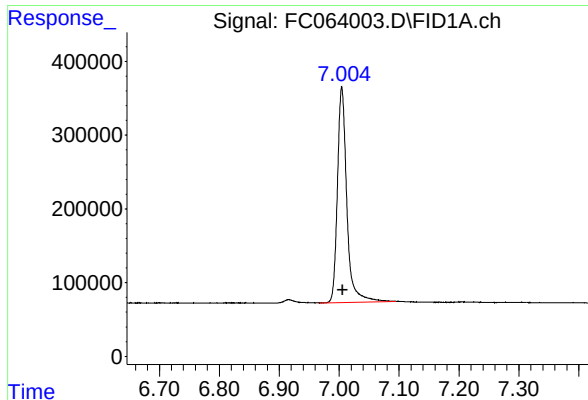
#3 A~Naphthalene (C11.7)

R.T.: 5.950 min
Delta R.T.: 0.000 min
Response: 3365506
Conc: 18.04 ug/ml



#4 n-Dodecane (C12)

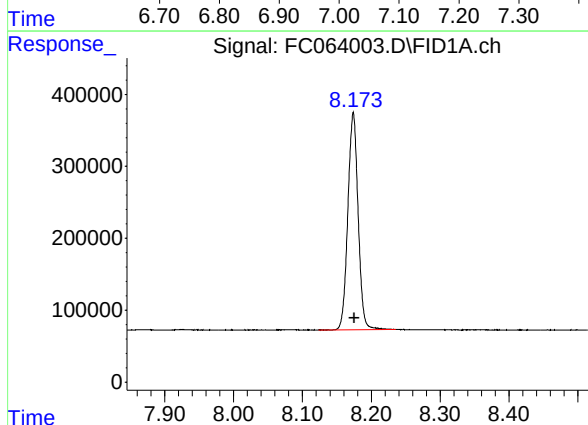
R.T.: 6.383 min
Delta R.T.: -0.001 min
Response: 3243233
Conc: 18.00 ug/ml



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

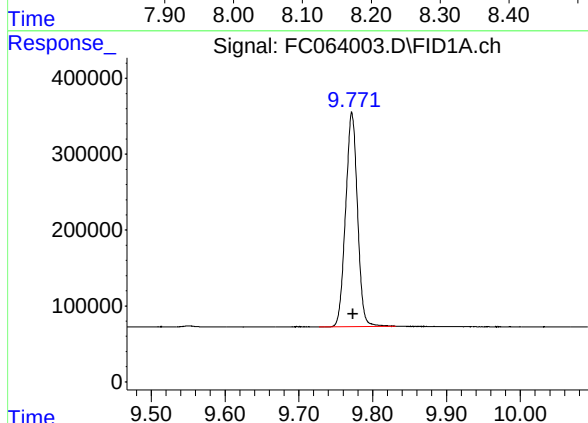
R.T.: 7.004 min
Delta R.T.: -0.001 min
Response: 3181707
Conc: 18.08 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



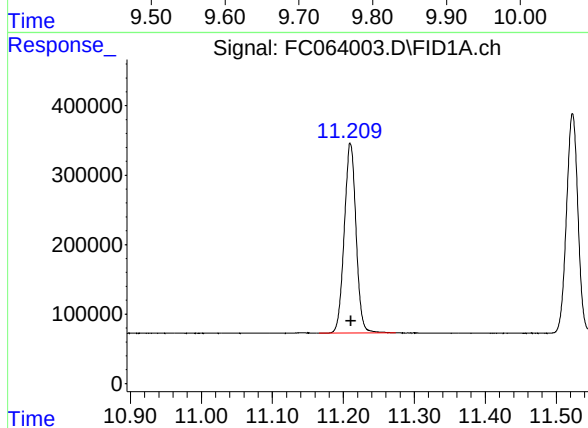
#6 n-Tetradecane (C14)

R.T.: 8.174 min
Delta R.T.: -0.001 min
Response: 3127967
Conc: 18.08 ug/ml



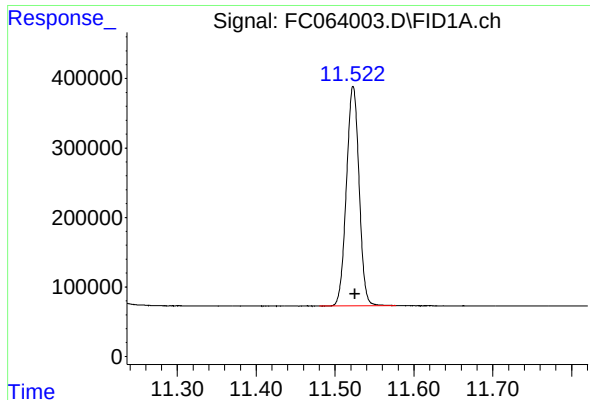
#7 n-Hexadecane (C16)

R.T.: 9.772 min
Delta R.T.: -0.001 min
Response: 3150998
Conc: 18.14 ug/ml



#8 n-Octadecane (C18)

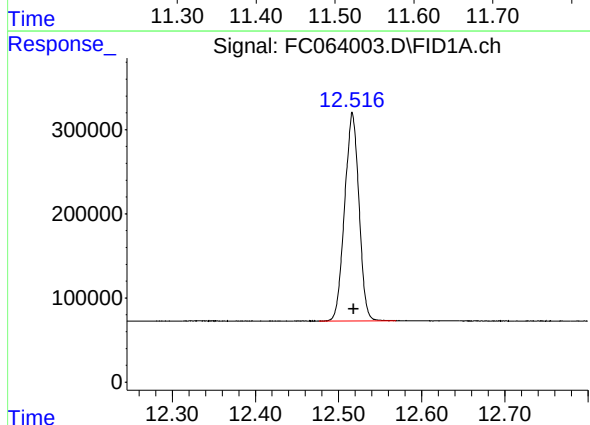
R.T.: 11.210 min
Delta R.T.: -0.001 min
Response: 3145894
Conc: 18.25 ug/ml



#9 ortho-Terphenyl (SURR)

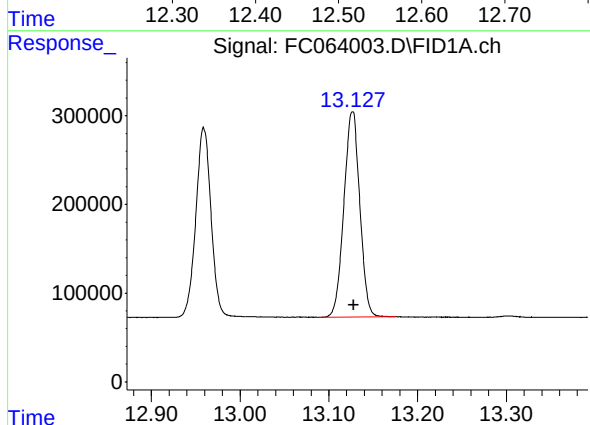
R.T.: 11.523 min
Delta R.T.: -0.002 min
Response: 3528347
Conc: 18.17 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



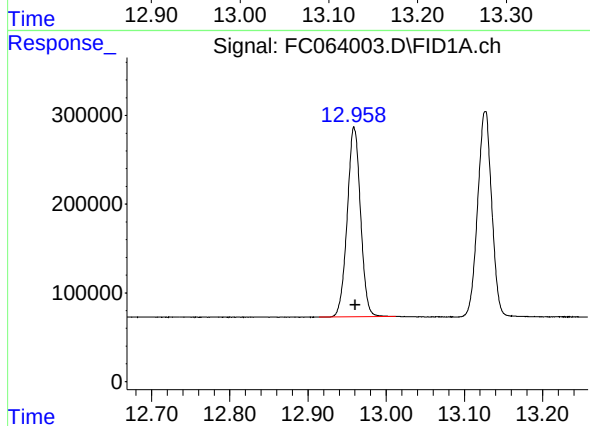
#10 n-Eicosane (C20)

R.T.: 12.517 min
Delta R.T.: -0.001 min
Response: 2964760
Conc: 18.16 ug/ml



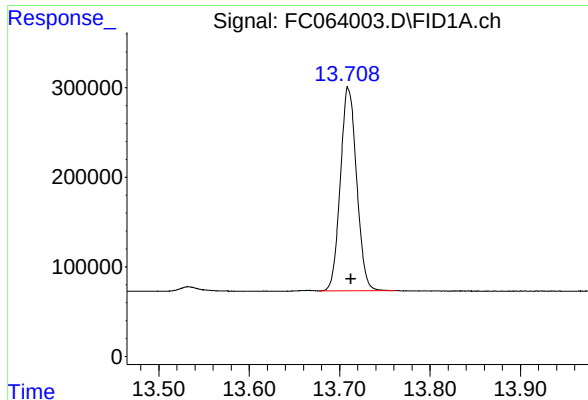
#11 n-Heneicosane (C21)

R.T.: 13.127 min
Delta R.T.: -0.001 min
Response: 2881596
Conc: 17.98 ug/ml



#12 1-chlorooctadecane (SURR)

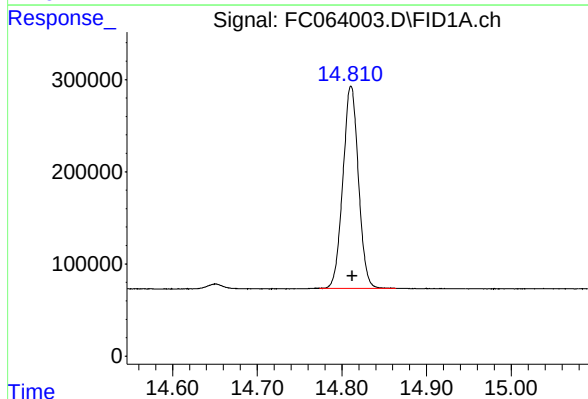
R.T.: 12.959 min
Delta R.T.: -0.001 min
Response: 2536154
Conc: 18.23 ug/ml



#13 n-Docosane (C22)

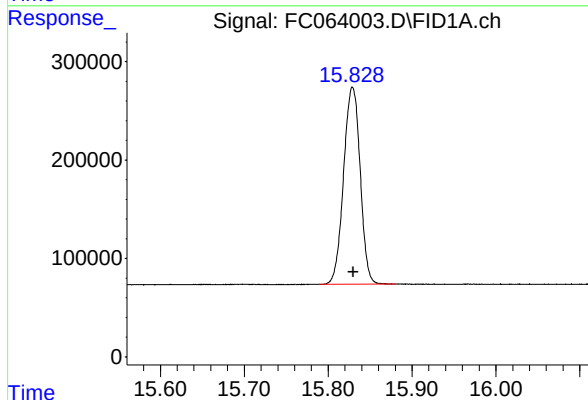
R.T.: 13.709 min
Delta R.T.: -0.003 min
Response: 2841334
Conc: 18.08 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



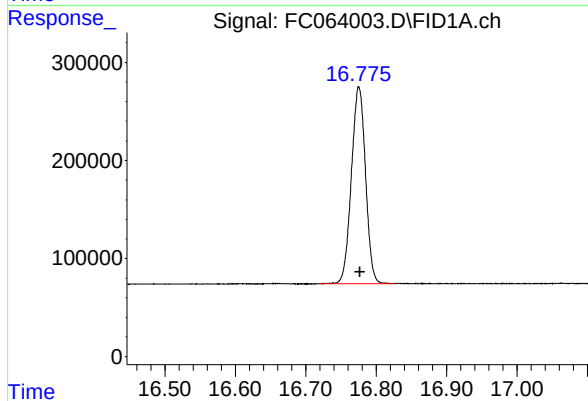
#14 n-Tetracosane (C24)

R.T.: 14.811 min
Delta R.T.: -0.001 min
Response: 2799193
Conc: 17.76 ug/ml



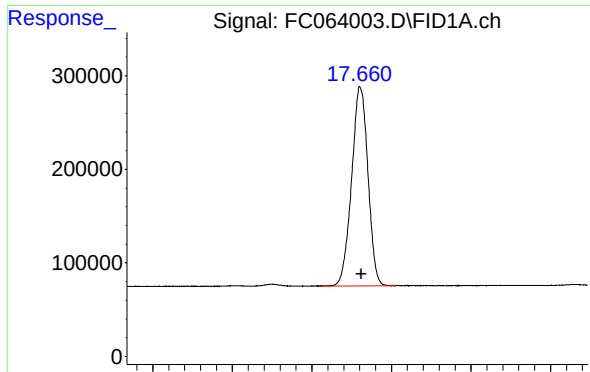
#15 n-Hexacosane (C26)

R.T.: 15.829 min
Delta R.T.: -0.001 min
Response: 2756244
Conc: 18.24 ug/ml



#16 n-Octacosane (C28)

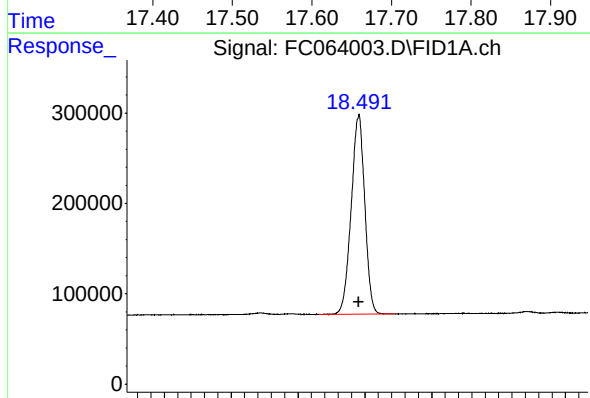
R.T.: 16.775 min
Delta R.T.: -0.001 min
Response: 2796258
Conc: 18.56 ug/ml



#17 n-Tricontane (C30)

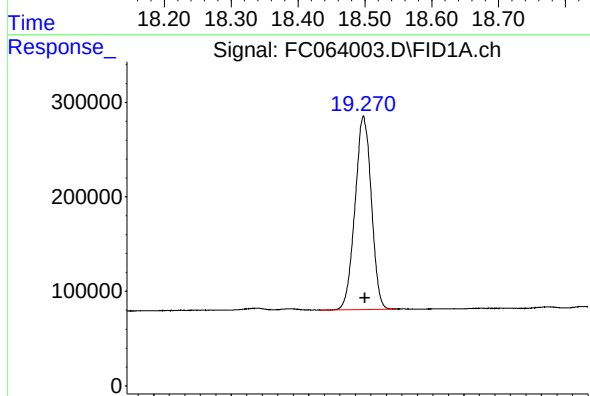
R.T.: 17.661 min
Delta R.T.: -0.002 min
Response: 3037460
Conc: 19.46 ug/ml

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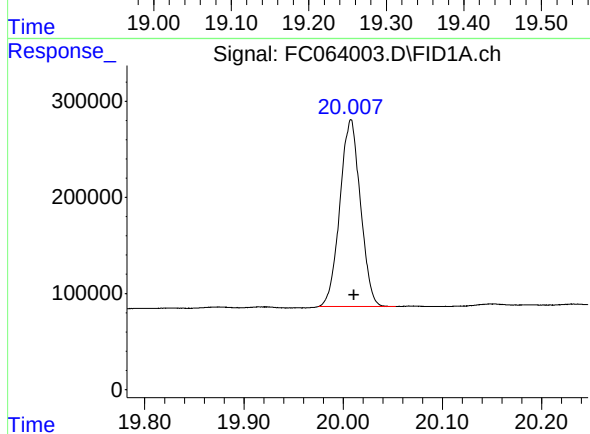
#18 n-Dotriacontane (C32)

R.T.: 18.491 min
Delta R.T.: 0.000 min
Response: 3115264
Conc: 19.72 ug/ml



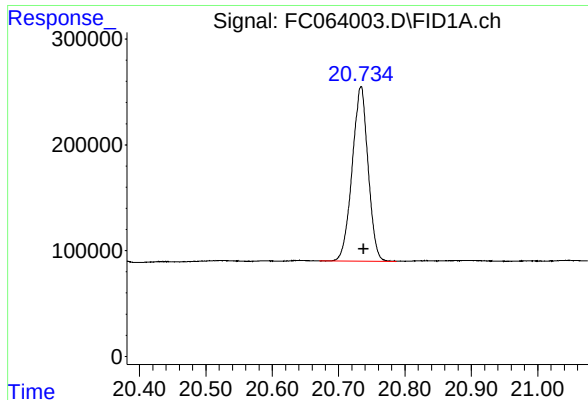
#19 n-Tetatriacontane (C34)

R.T.: 19.270 min
Delta R.T.: -0.002 min
Response: 2988619
Conc: 19.42 ug/ml



#20 n-Hexatriacontane (C36)

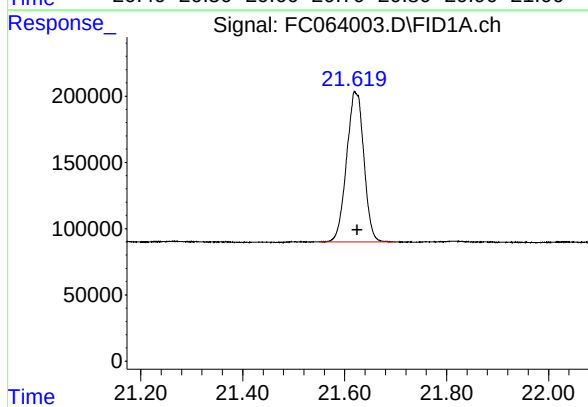
R.T.: 20.008 min
Delta R.T.: -0.003 min
Response: 2801426
Conc: 18.97 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.734 min
Delta R.T.: -0.004 min
Response: 2744969
Conc: 18.53 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.620 min
Delta R.T.: -0.005 min
Response: 2662754
Conc: 18.27 ug/ml