

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG091924AL\
 Data File : FG014273.D
 Signal(s) : FID1A.ch
 Acq On : 19 Sep 2024 07:11
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Sep 20 01:11:27 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 091124.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 11 07:16:16 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)	11.814	2813696	20.842 ug/ml
Spiked Amount 50.000		Recovery =	41.68%
12) S 1-chlorooctadecane (S...	13.262	2171863	20.774 ug/ml
Spiked Amount 50.000		Recovery =	41.55%
Target Compounds			
1) T n-Nonane (C9)	3.196	2504739	20.780 ug/ml
2) T n-Decane (C10)	4.445	2548745	20.788 ug/ml
3) T A~Naphthalene (C11.7)	6.144	2614703	21.168 ug/ml
4) T n-Dodecane (C12)	6.616	2534799	20.900 ug/ml
5) T A~2-methylnaphthalene...	7.243	2380703	21.962 ug/ml
6) T n-Tetradecane (C14)	8.447	2543396	21.369 ug/ml
7) T n-Hexadecane (C16)	10.060	2604208	20.865 ug/ml
8) T n-Octadecane (C18)	11.505	2664220	20.960 ug/ml
10) T n-Eicosane (C20)	12.818	2557549	20.846 ug/ml
11) T n-Heneicosane (C21)	13.432	2515464	20.849 ug/ml
13) T n-Docosane (C22)	14.019	2491697	20.789 ug/ml
14) T n-Tetracosane (C24)	15.126	2477290	20.807 ug/ml
15) T n-Hexacosane (C26)	16.150	2428255	20.829 ug/ml
16) T n-Octacosane (C28)	17.102	2377224	20.906 ug/ml
17) T n-Tricontane (C30)	17.992	2424746	21.002 ug/ml
18) T n-Dotriacontane (C32)	18.827	2342727	21.066 ug/ml
19) T n-Tetratriacontane (C34)	19.612	2039590	20.914 ug/ml
20) T n-Hexatriacontane (C36)	20.354	1755068	19.653 ug/ml
21) T n-Octatriacontane (C38)	21.083	1656115	20.515 ug/ml
22) T n-Tetracontane (C40)	21.974	1634101	20.074 ug/ml

(f)=RT Delta > 1/2 Window

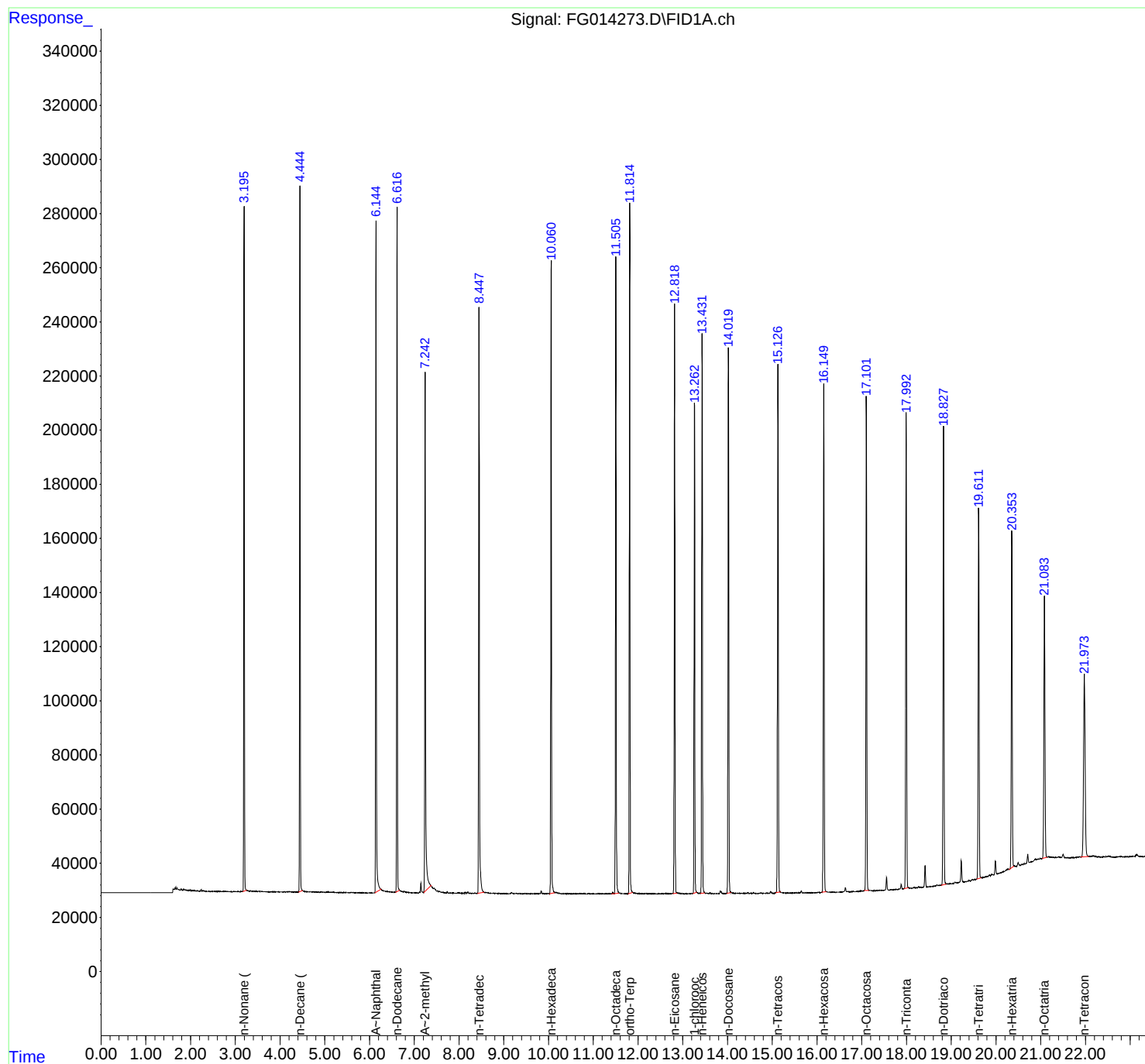
(m)=manual int.

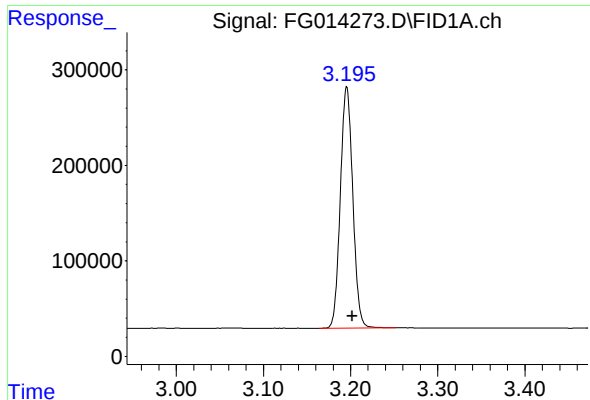
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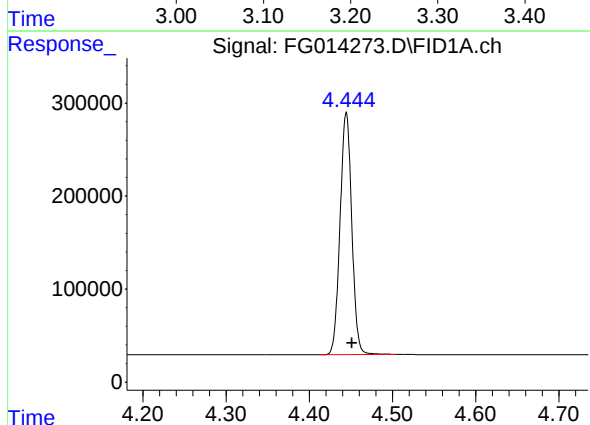




#1 n-Nonane (C9)

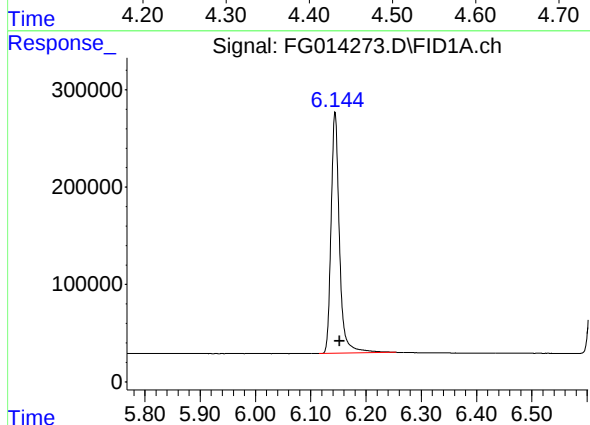
R.T.: 3.196 min
Delta R.T.: -0.006 min
Response: 2504739
Conc: 20.78 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



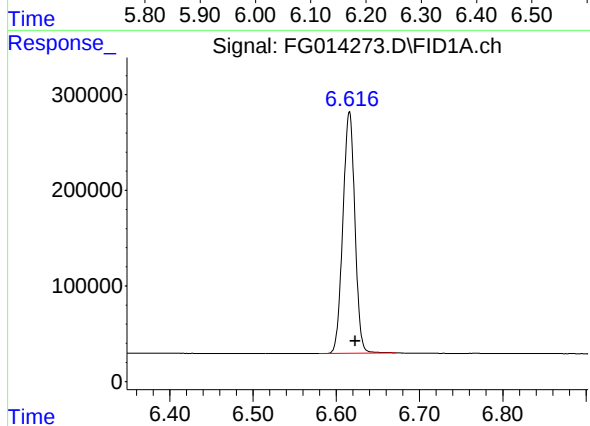
#2 n-Decane (C10)

R.T.: 4.445 min
Delta R.T.: -0.007 min
Response: 2548745
Conc: 20.79 ug/ml



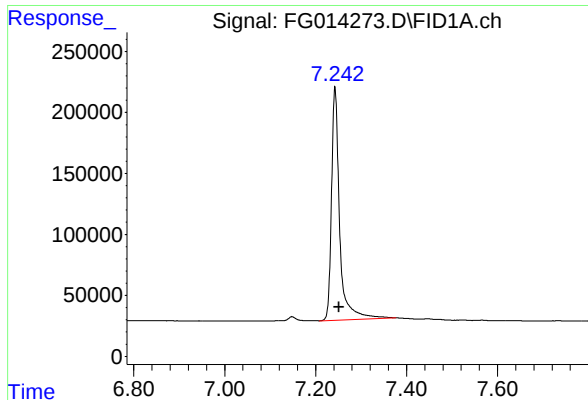
#3 A~Naphthalene (C11.7)

R.T.: 6.144 min
Delta R.T.: -0.008 min
Response: 2614703
Conc: 21.17 ug/ml



#4 n-Dodecane (C12)

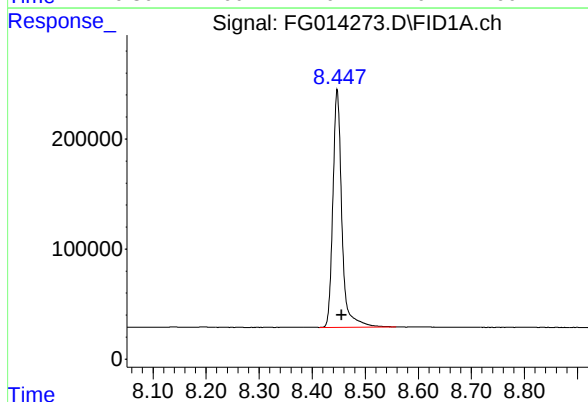
R.T.: 6.616 min
Delta R.T.: -0.007 min
Response: 2534799
Conc: 20.90 ug/ml



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

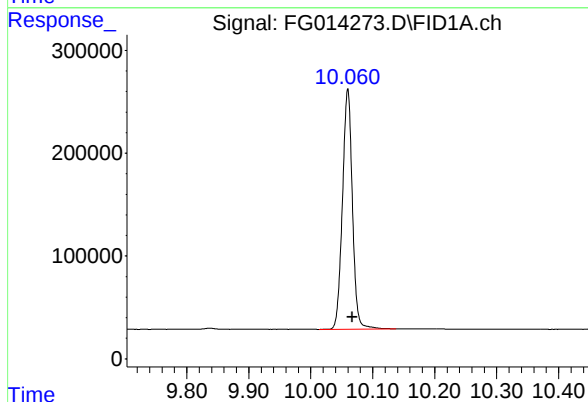
R.T.: 7.243 min
Delta R.T.: -0.008 min
Response: 2380703
Conc: 21.96 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



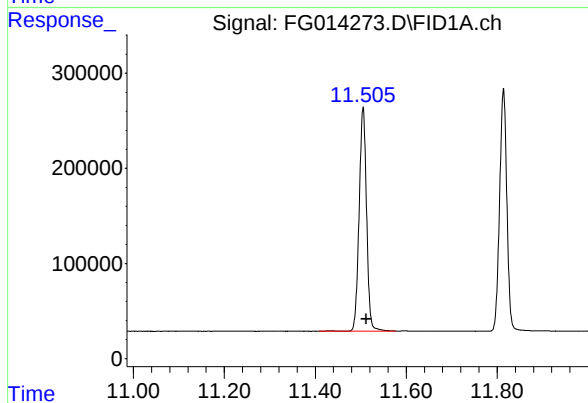
#6 n-Tetradecane (C14)

R.T.: 8.447 min
Delta R.T.: -0.009 min
Response: 2543396
Conc: 21.37 ug/ml



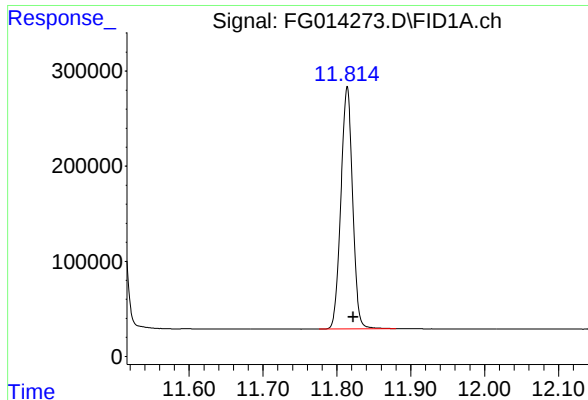
#7 n-Hexadecane (C16)

R.T.: 10.060 min
Delta R.T.: -0.008 min
Response: 2604208
Conc: 20.87 ug/ml



#8 n-Octadecane (C18)

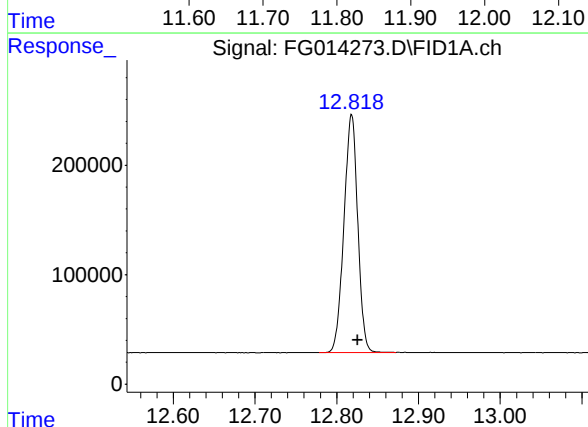
R.T.: 11.505 min
Delta R.T.: -0.007 min
Response: 2664220
Conc: 20.96 ug/ml



#9 ortho-Terphenyl (SURR)

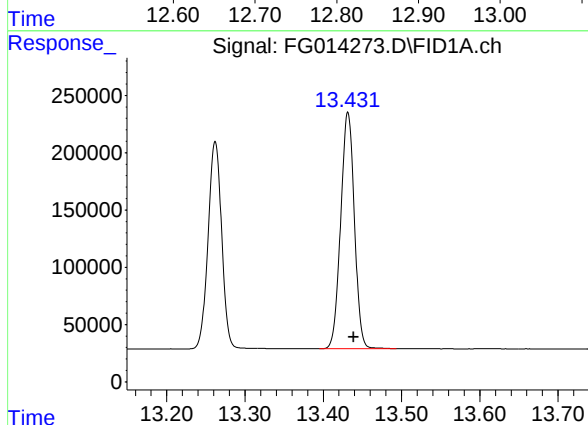
R.T.: 11.814 min
Delta R.T.: -0.008 min
Response: 2813696
Conc: 20.84 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



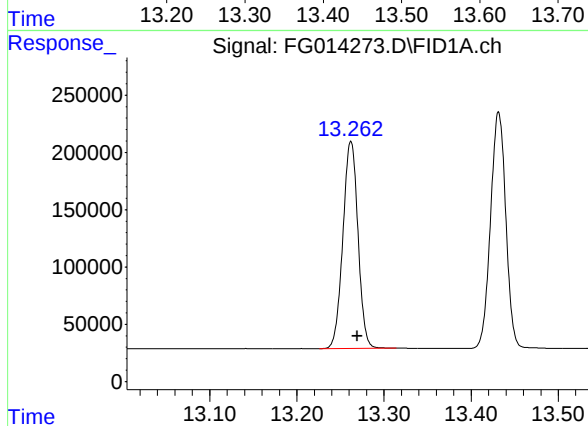
#10 n-Eicosane (C20)

R.T.: 12.818 min
Delta R.T.: -0.007 min
Response: 2557549
Conc: 20.85 ug/ml



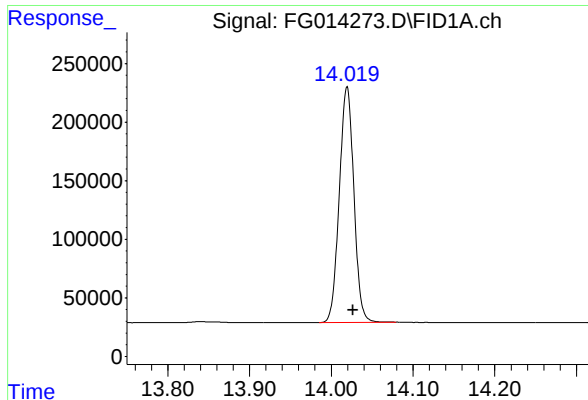
#11 n-Heneicosane (C21)

R.T.: 13.432 min
Delta R.T.: -0.007 min
Response: 2515464
Conc: 20.85 ug/ml



#12 1-chlorooctadecane (SURR)

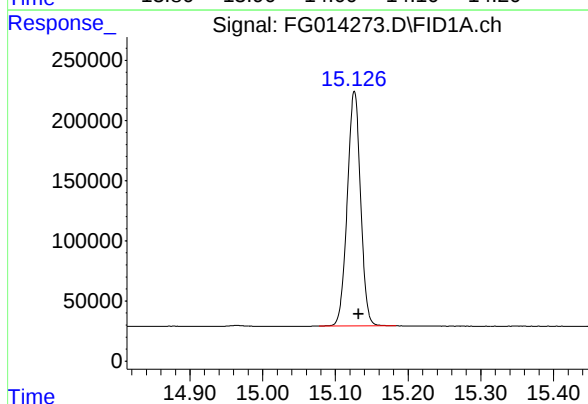
R.T.: 13.262 min
Delta R.T.: -0.007 min
Response: 2171863
Conc: 20.77 ug/ml



#13 n-Docosane (C22)

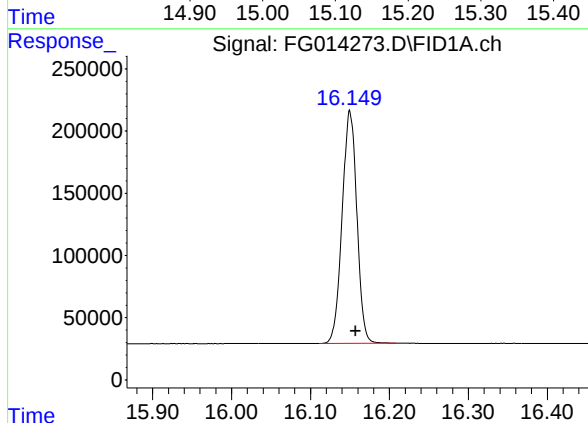
R.T.: 14.019 min
Delta R.T.: -0.007 min
Response: 2491697
Conc: 20.79 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



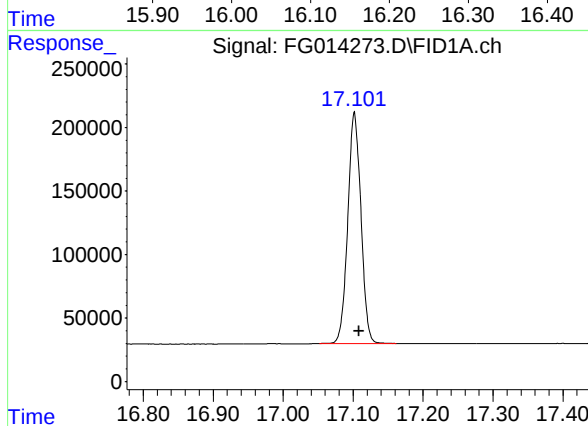
#14 n-Tetracosane (C24)

R.T.: 15.126 min
Delta R.T.: -0.006 min
Response: 2477290
Conc: 20.81 ug/ml



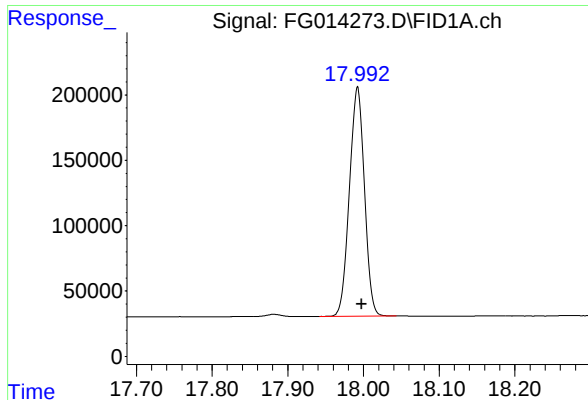
#15 n-Hexacosane (C26)

R.T.: 16.150 min
Delta R.T.: -0.007 min
Response: 2428255
Conc: 20.83 ug/ml



#16 n-Octacosane (C28)

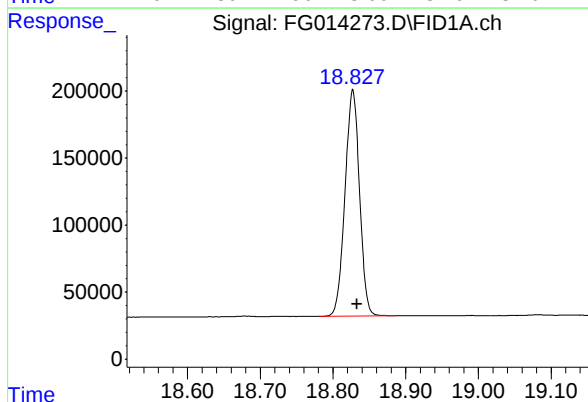
R.T.: 17.102 min
Delta R.T.: -0.007 min
Response: 2377224
Conc: 20.91 ug/ml



#17 n-Tricontane (C30)

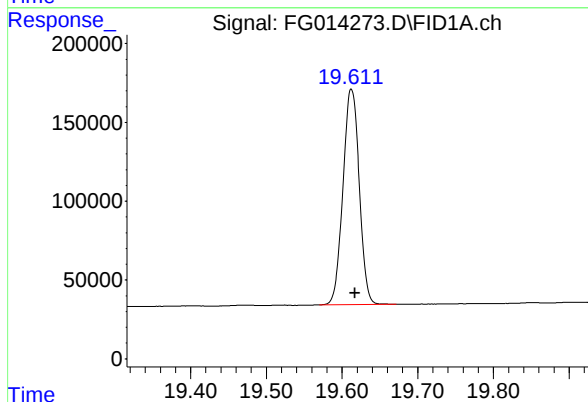
R.T.: 17.992 min
Delta R.T.: -0.005 min
Response: 2424746
Conc: 21.00 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



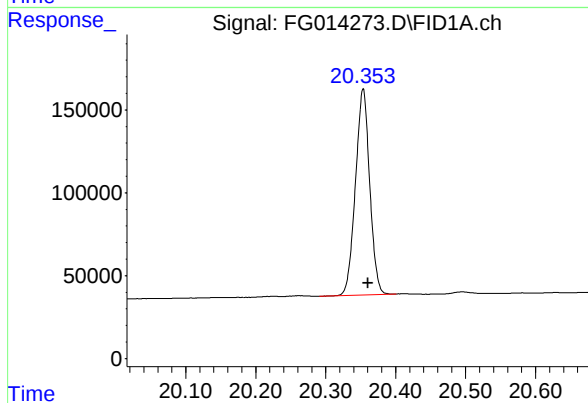
#18 n-Dotriacontane (C32)

R.T.: 18.827 min
Delta R.T.: -0.006 min
Response: 2342727
Conc: 21.07 ug/ml



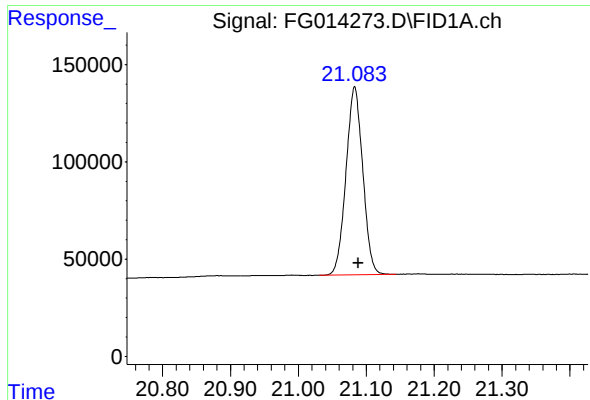
#19 n-Tetatriacontane (C34)

R.T.: 19.612 min
Delta R.T.: -0.005 min
Response: 2039590
Conc: 20.91 ug/ml



#20 n-Hexatriacontane (C36)

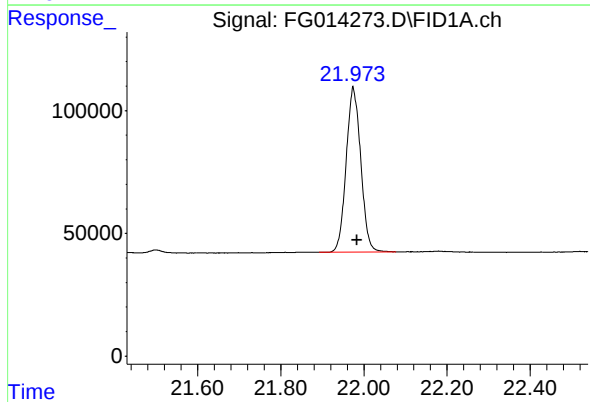
R.T.: 20.354 min
Delta R.T.: -0.007 min
Response: 1755068
Conc: 19.65 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.083 min
Delta R.T.: -0.005 min
Response: 1656115
Conc: 20.51 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.974 min
Delta R.T.: -0.009 min
Response: 1634101
Conc: 20.07 ug/ml