

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062223AL\
 Data File : FC063954.D
 Signal(s) : FID1A.ch
 Acq On : 22 Jun 2023 14:10
 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 23 00:22:24 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052723.M
 Quant Title : GC Extractables
 QLast Update : Sat May 27 06:12:33 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)	11.525	3563217	19.526 ug/ml
Spiked Amount 50.000		Recovery =	39.05%
12) S 1-chlorooctadecane (S...	12.961	2565093	20.075 ug/ml
Spiked Amount 50.000		Recovery =	40.15%
Target Compounds			
1) T n-Nonane (C9)	3.305	3301894	20.717 ug/ml
2) T n-Decane (C10)	4.369	3354338	20.751 ug/ml
3) T A~Naphthalene (C11.7)	5.950	3494440	20.115 ug/ml
4) T n-Dodecane (C12)	6.384	3323358	20.325 ug/ml
5) T A~2-methylnaphthalene...	7.005	3296104	20.120 ug/ml
6) T n-Tetradecane (C14)	8.175	3198140	20.335 ug/ml
7) T n-Hexadecane (C16)	9.772	3199615	20.106 ug/ml
8) T n-Octadecane (C18)	11.212	3157697	19.957 ug/ml
10) T n-Eicosane (C20)	12.518	2980973	20.156 ug/ml
11) T n-Heneicosane (C21)	13.129	2898627	20.137 ug/ml
13) T n-Docosane (C22)	13.713	2867943	20.358 ug/ml
14) T n-Tetracosane (C24)	14.812	2836017	20.668 ug/ml
15) T n-Hexacosane (C26)	15.830	2787866	21.026 ug/ml
16) T n-Octacosane (C28)	16.777	2797959	22.035 ug/ml
17) T n-Tricontane (C30)	17.662	2990199	23.404 ug/ml
18) T n-Dotriacontane (C32)	18.492	3051630	24.524 ug/ml
19) T n-Tetratriacontane (C34)	19.272	2951002	23.934 ug/ml
20) T n-Hexatriacontane (C36)	20.008	2800562	23.334 ug/ml
21) T n-Octatriacontane (C38)	20.733	2780495	23.030 ug/ml
22) T n-Tetracontane (C40)	21.623	2726925	22.505 ug/ml

(f)=RT Delta > 1/2 Window

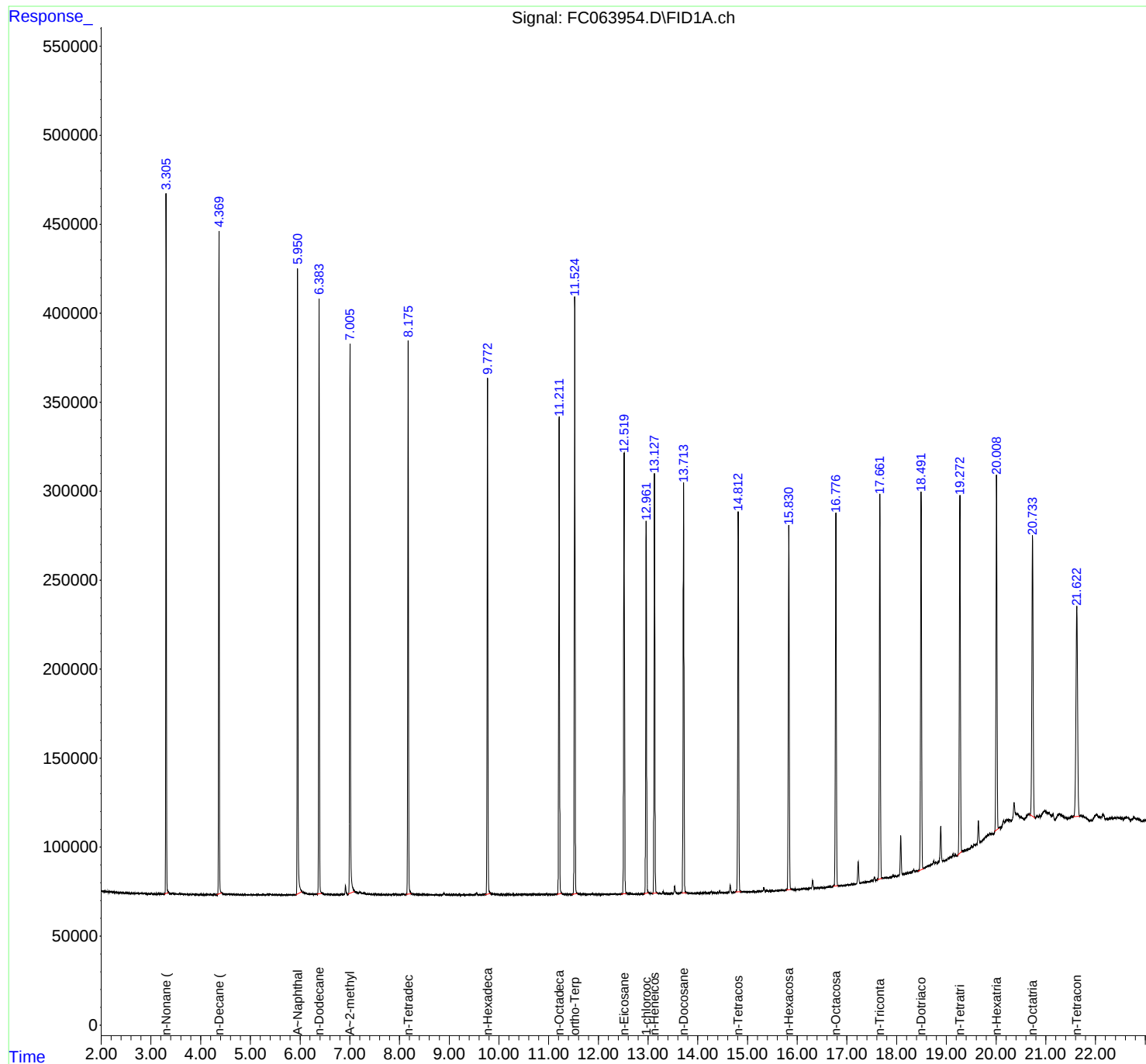
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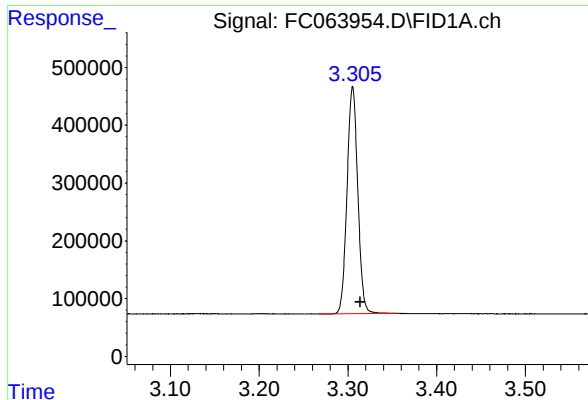
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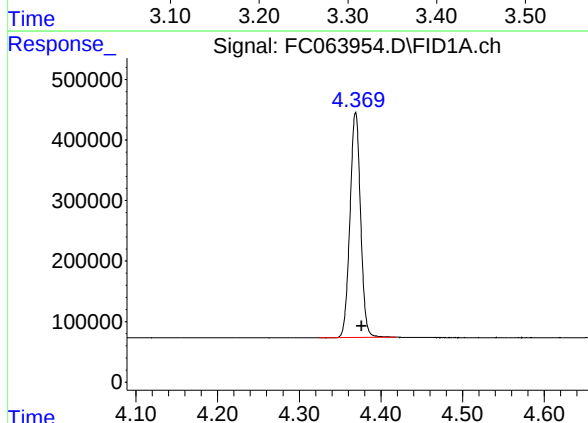




#1 n-Nonane (C9)

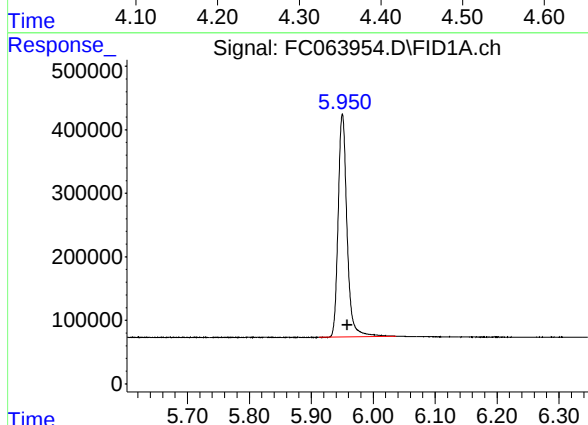
R.T.: 3.305 min
Delta R.T.: -0.009 min
Response: 3301894
Conc: 20.72 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



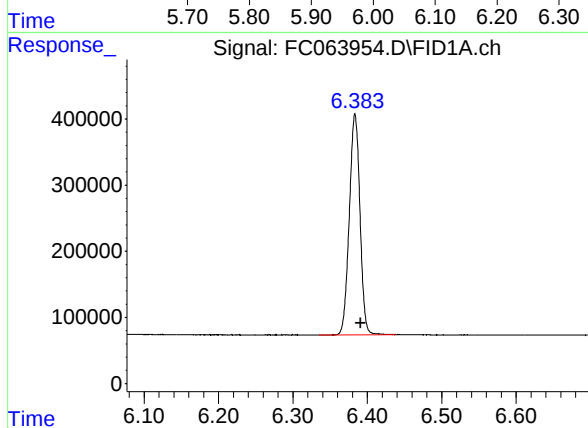
#2 n-Decane (C10)

R.T.: 4.369 min
Delta R.T.: -0.007 min
Response: 3354338
Conc: 20.75 ug/ml



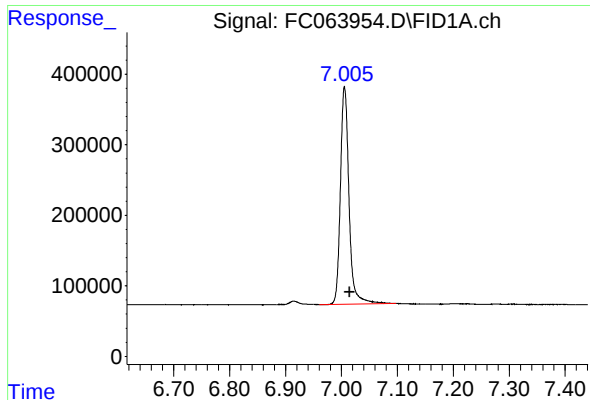
#3 A~Naphthalene (C11.7)

R.T.: 5.950 min
Delta R.T.: -0.008 min
Response: 3494440
Conc: 20.11 ug/ml



#4 n-Dodecane (C12)

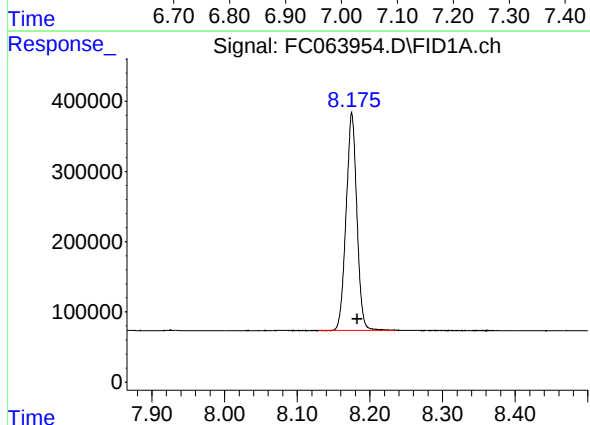
R.T.: 6.384 min
Delta R.T.: -0.007 min
Response: 3323358
Conc: 20.32 ug/ml



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

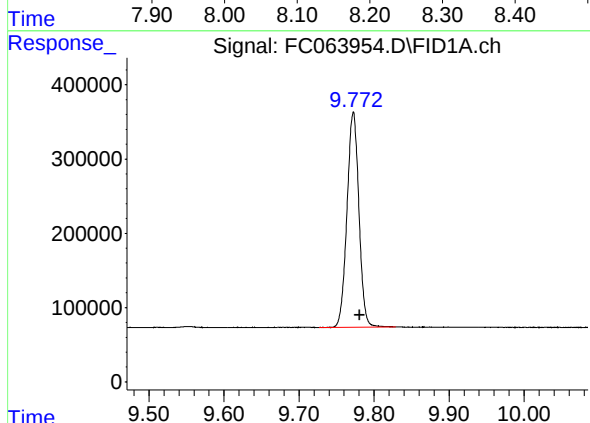
R.T.: 7.005 min
Delta R.T.: -0.009 min
Response: 3296104
Conc: 20.12 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



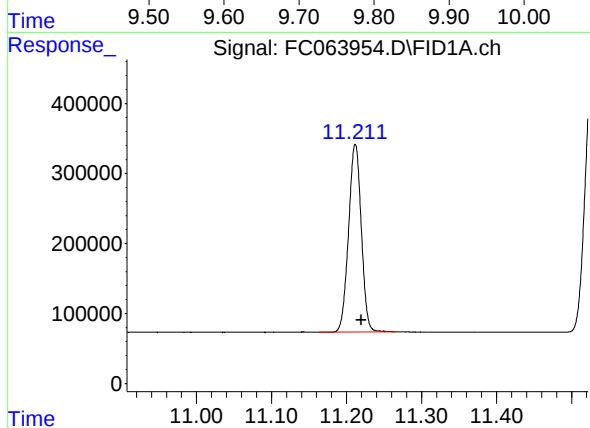
#6 n-Tetradecane (C14)

R.T.: 8.175 min
Delta R.T.: -0.008 min
Response: 3198140
Conc: 20.34 ug/ml



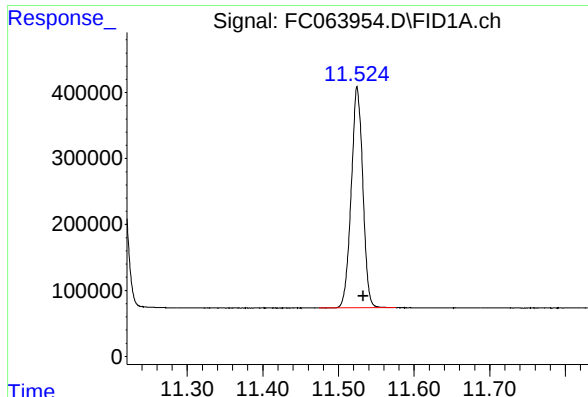
#7 n-Hexadecane (C16)

R.T.: 9.772 min
Delta R.T.: -0.008 min
Response: 3199615
Conc: 20.11 ug/ml



#8 n-Octadecane (C18)

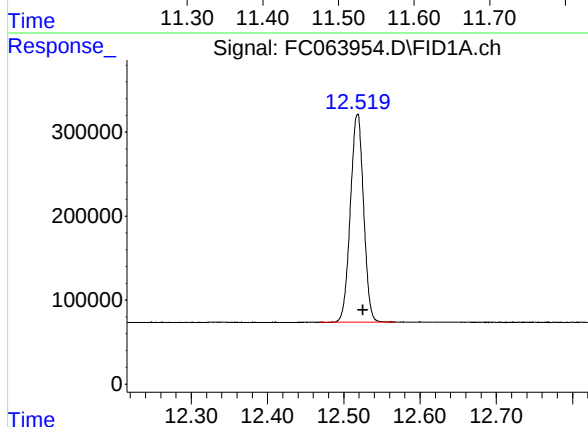
R.T.: 11.212 min
Delta R.T.: -0.008 min
Response: 3157697
Conc: 19.96 ug/ml



#9 ortho-Terphenyl (SURR)

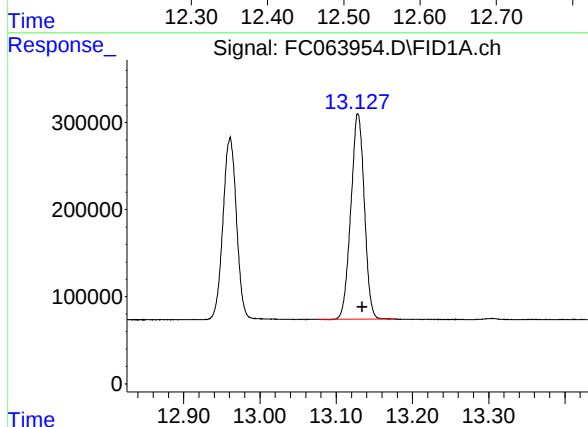
R.T.: 11.525 min
Delta R.T.: -0.008 min
Response: 3563217
Conc: 19.53 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



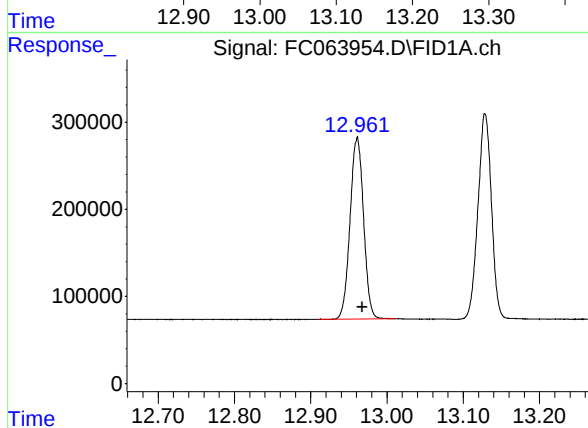
#10 n-Eicosane (C20)

R.T.: 12.518 min
Delta R.T.: -0.007 min
Response: 2980973
Conc: 20.16 ug/ml



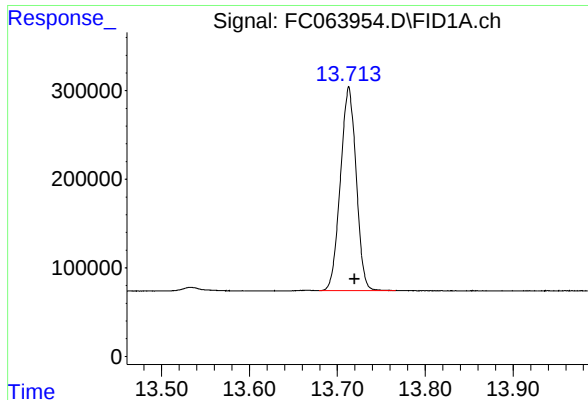
#11 n-Heneicosane (C21)

R.T.: 13.129 min
Delta R.T.: -0.006 min
Response: 2898627
Conc: 20.14 ug/ml



#12 1-chlorooctadecane (SURR)

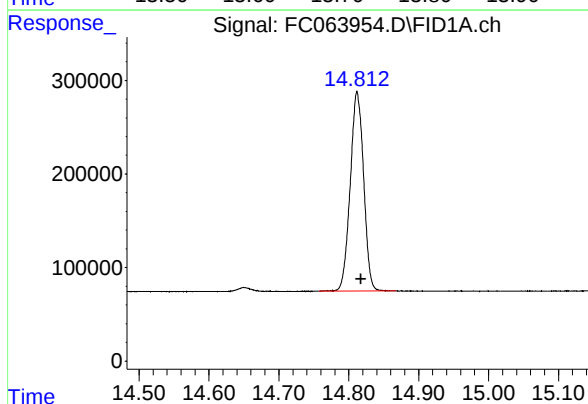
R.T.: 12.961 min
Delta R.T.: -0.007 min
Response: 2565093
Conc: 20.08 ug/ml



#13 n-Docosane (C22)

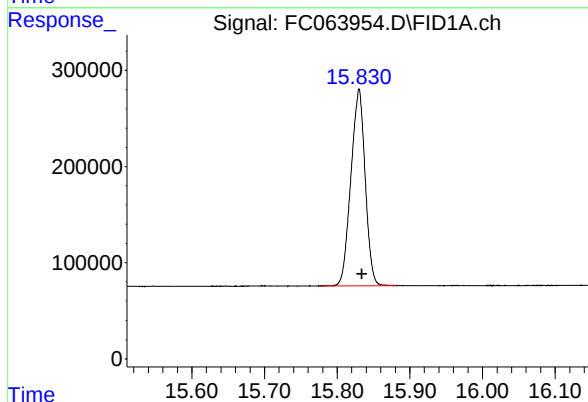
R.T.: 13.713 min
Delta R.T.: -0.006 min
Response: 2867943
Conc: 20.36 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



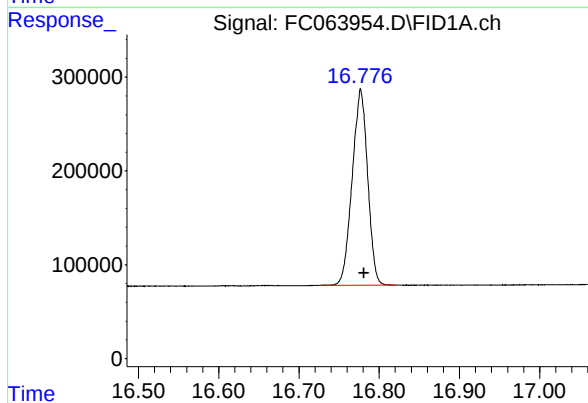
#14 n-Tetracosane (C24)

R.T.: 14.812 min
Delta R.T.: -0.006 min
Response: 2836017
Conc: 20.67 ug/ml



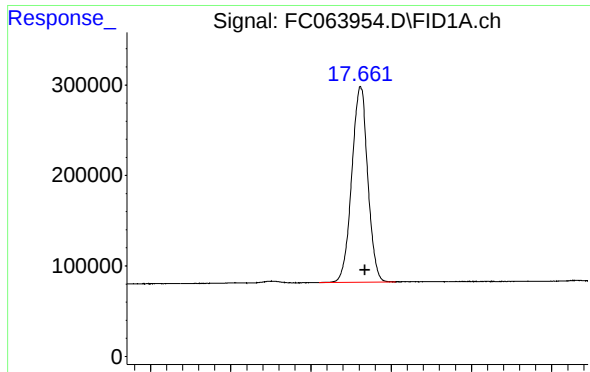
#15 n-Hexacosane (C26)

R.T.: 15.830 min
Delta R.T.: -0.004 min
Response: 2787866
Conc: 21.03 ug/ml



#16 n-Octacosane (C28)

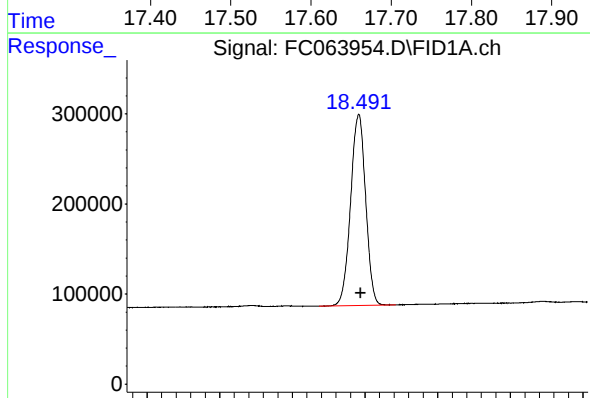
R.T.: 16.777 min
Delta R.T.: -0.004 min
Response: 2797959
Conc: 22.04 ug/ml



#17 n-Tricontane (C30)

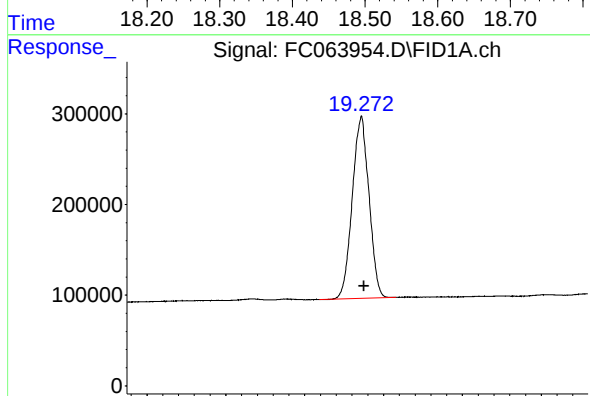
R.T.: 17.662 min
Delta R.T.: -0.005 min
Response: 2990199
Conc: 23.40 ug/ml

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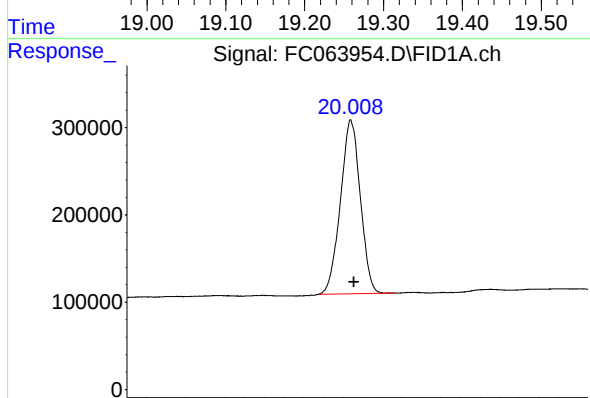
#18 n-Dotriacontane (C32)

R.T.: 18.492 min
Delta R.T.: -0.002 min
Response: 3051630
Conc: 24.52 ug/ml



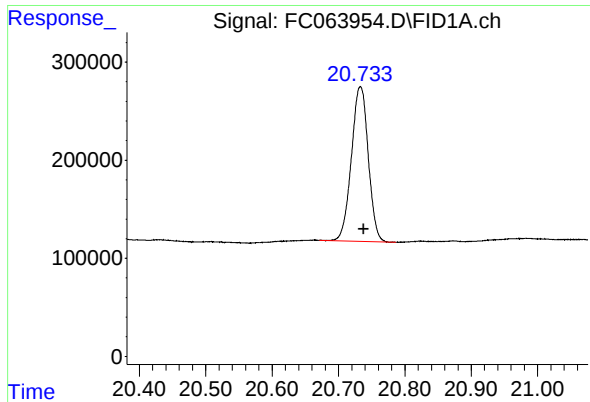
#19 n-Tetatriacontane (C34)

R.T.: 19.272 min
Delta R.T.: -0.003 min
Response: 2951002
Conc: 23.93 ug/ml



#20 n-Hexatriacontane (C36)

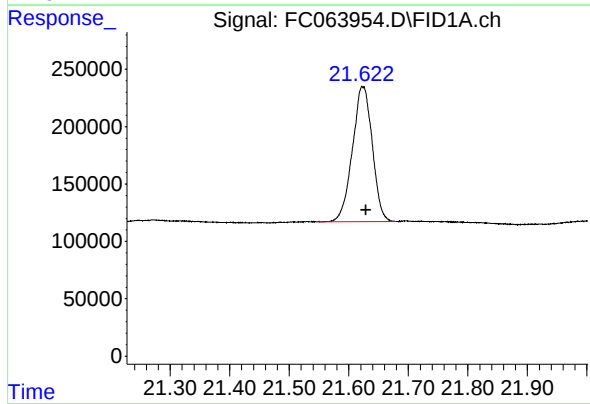
R.T.: 20.008 min
Delta R.T.: -0.003 min
Response: 2800562
Conc: 23.33 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.733 min
Delta R.T.: -0.005 min
Response: 2780495
Conc: 23.03 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.623 min
Delta R.T.: -0.006 min
Response: 2726925
Conc: 22.50 ug/ml