

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041025AL\
 Data File : FC068525.D
 Signal(s) : FID1A.ch
 Acq On : 09 Apr 2025 12:11
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Apr 10 05:22:57 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 040925.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 08 17:31:27 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)	11.716	2388918	18.760 ug/ml
Spiked Amount 50.000		Recovery =	37.52%
12) S 1-chlorooctadecane (S...	13.150	1717661	18.491 ug/ml
Spiked Amount 50.000		Recovery =	36.98%
Target Compounds			
1) T n-Nonane (C9)	3.448	2040663	19.375 ug/ml
2) T n-Decane (C10)	4.523	2033347	19.299 ug/ml
3) T A~Naphthalene (C11.7)	6.120	2236008	19.200 ug/ml
4) T n-Dodecane (C12)	6.548	2021355	19.221 ug/ml
5) T A~2-methylnaphthalene...	7.178	2182761	18.899 ug/ml
6) T n-Tetradecane (C14)	8.346	1960924	19.074 ug/ml
7) T n-Hexadecane (C16)	9.949	1924462	18.897 ug/ml
8) T n-Octadecane (C18)	11.392	1889611	18.777 ug/ml
10) T n-Eicosane (C20)	12.703	1835383	18.660 ug/ml
11) T n-Heneicosane (C21)	13.316	1812752	18.601 ug/ml
13) T n-Docosane (C22)	13.903	1796336	18.597 ug/ml
14) T n-Tetracosane (C24)	15.007	1770447	18.600 ug/ml
15) T n-Hexacosane (C26)	16.029	1745881	18.692 ug/ml
16) T n-Octacosane (C28)	16.980	1720540	18.792 ug/ml
17) T n-Tricontane (C30)	17.869	1739514	18.922 ug/ml
18) T n-Dotriacontane (C32)	18.702	1742320	18.994 ug/ml
19) T n-Tetratriacontane (C34)	19.486	1697496	19.001 ug/ml
20) T n-Hexatriacontane (C36)	20.227	1714136	19.135 ug/ml
21) T n-Octatriacontane (C38)	21.002	1657992	18.753 ug/ml
22) T n-Tetracontane (C40)	21.983	1613410	18.271 ug/ml

(f)=RT Delta > 1/2 Window

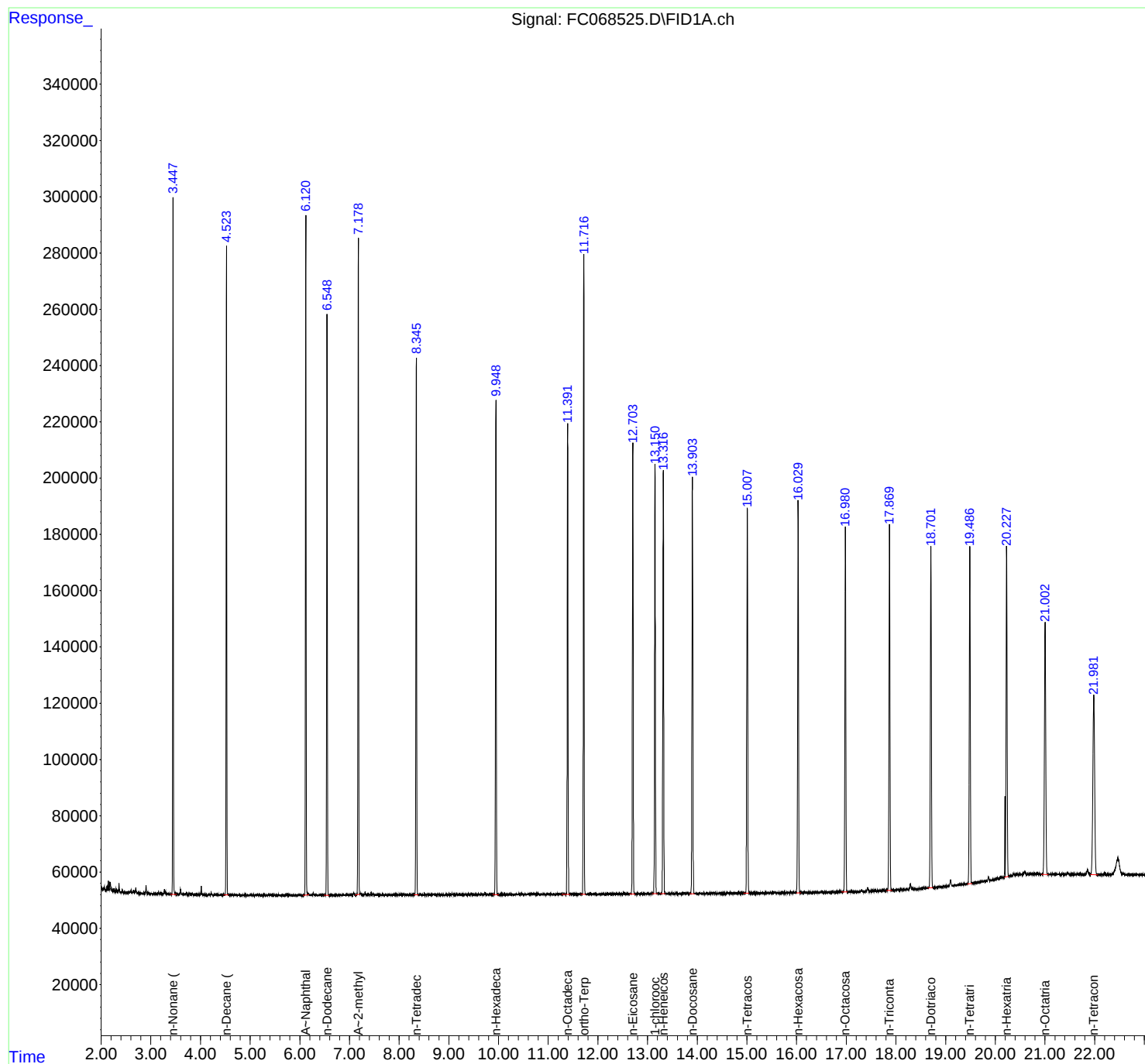
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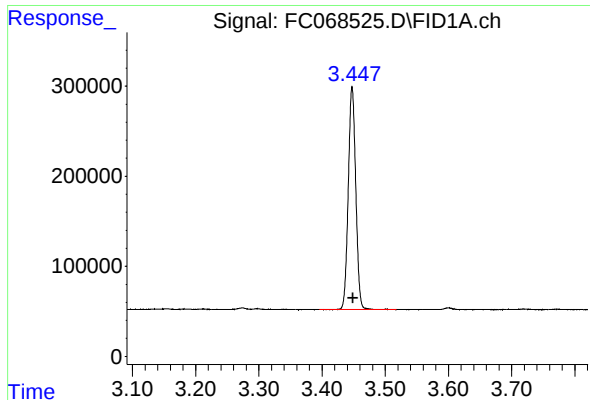
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041025AL\
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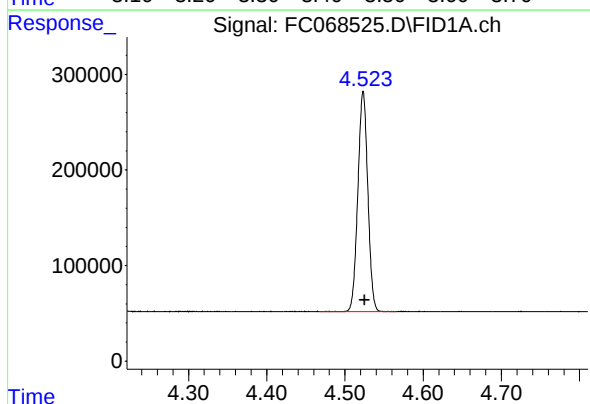




#1 n-Nonane (C9)

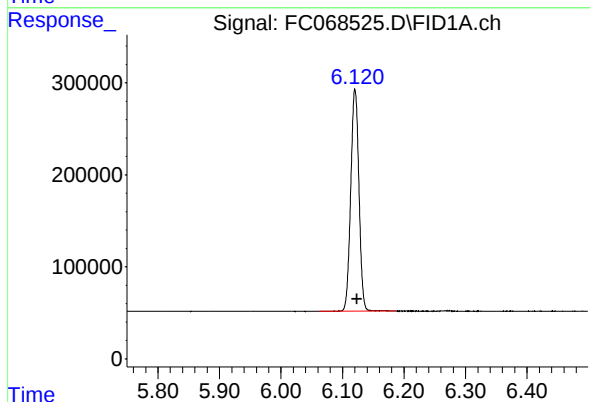
R.T.: 3.448 min
Delta R.T.: -0.001 min
Response: 2040663
Conc: 19.38 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



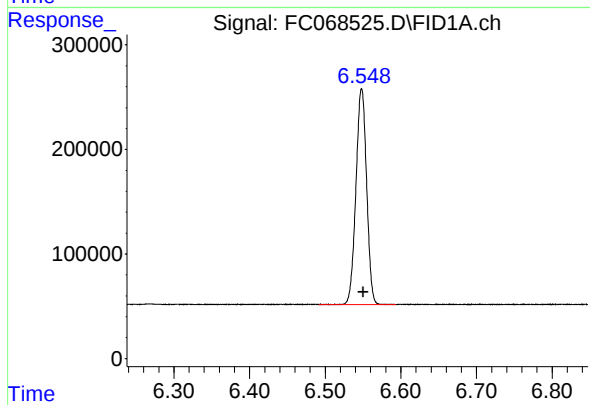
#2 n-Decane (C10)

R.T.: 4.523 min
Delta R.T.: -0.002 min
Response: 2033347
Conc: 19.30 ug/ml



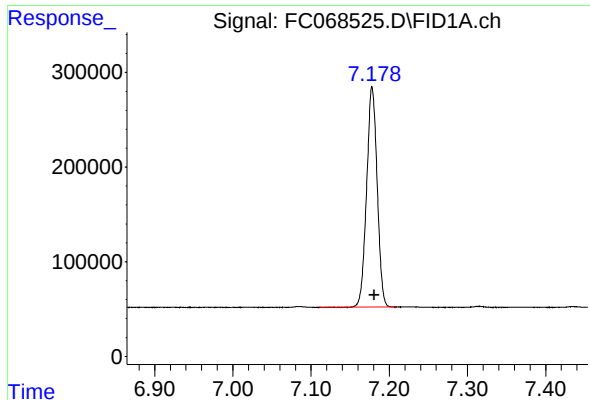
#3 A~Naphthalene (C11.7)

R.T.: 6.120 min
Delta R.T.: -0.003 min
Response: 2236008
Conc: 19.20 ug/ml



#4 n-Dodecane (C12)

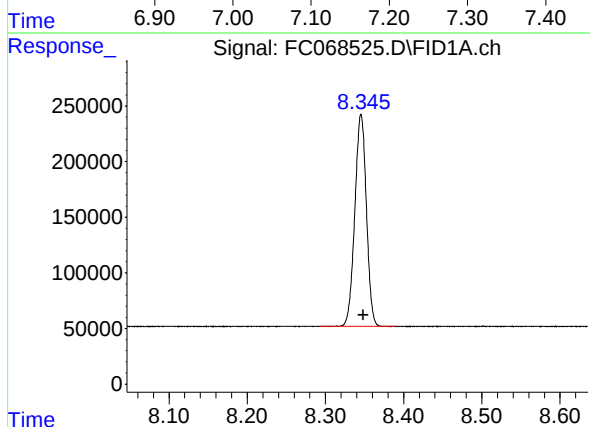
R.T.: 6.548 min
Delta R.T.: -0.002 min
Response: 2021355
Conc: 19.22 ug/ml



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

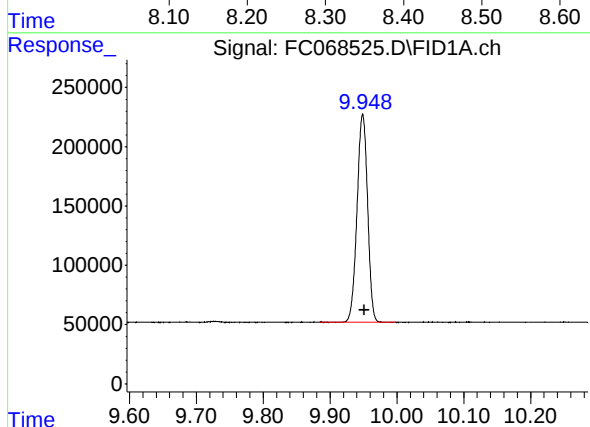
R.T.: 7.178 min
Delta R.T.: -0.003 min
Response: 2182761
Conc: 18.90 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



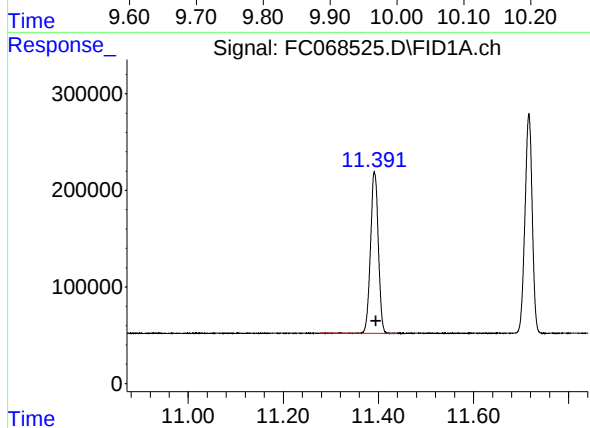
#6 n-Tetradecane (C14)

R.T.: 8.346 min
Delta R.T.: -0.003 min
Response: 1960924
Conc: 19.07 ug/ml



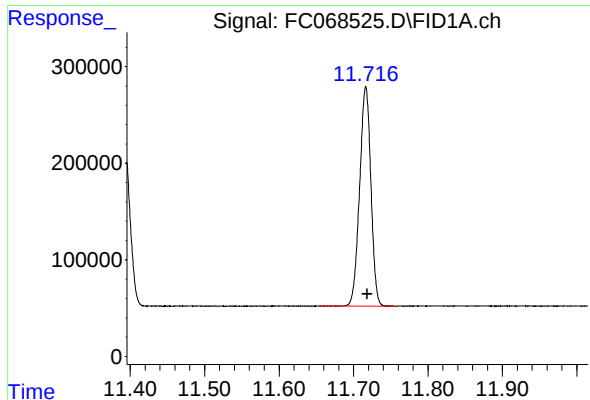
#7 n-Hexadecane (C16)

R.T.: 9.949 min
Delta R.T.: -0.002 min
Response: 1924462
Conc: 18.90 ug/ml



#8 n-Octadecane (C18)

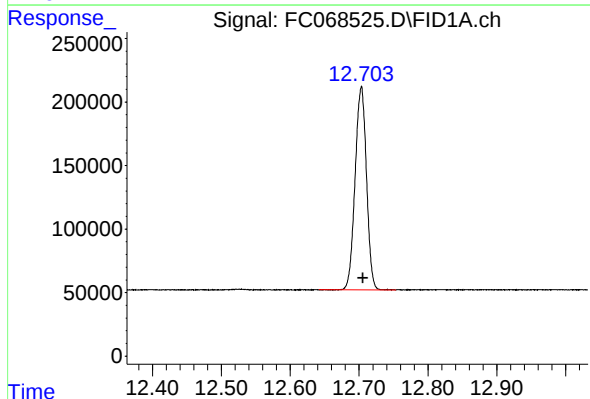
R.T.: 11.392 min
Delta R.T.: -0.003 min
Response: 1889611
Conc: 18.78 ug/ml



#9 ortho-Terphenyl (SURR)

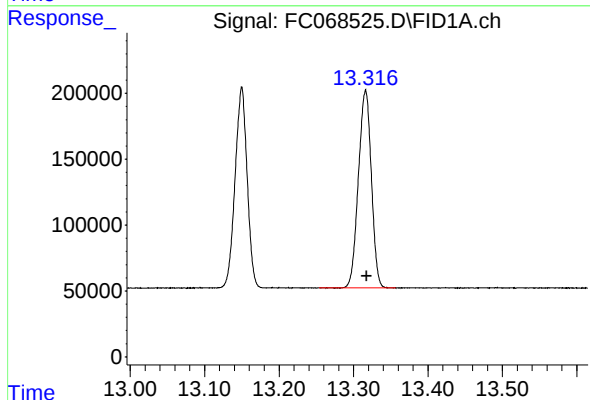
R.T.: 11.716 min
Delta R.T.: -0.002 min
Response: 2388918
Conc: 18.76 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



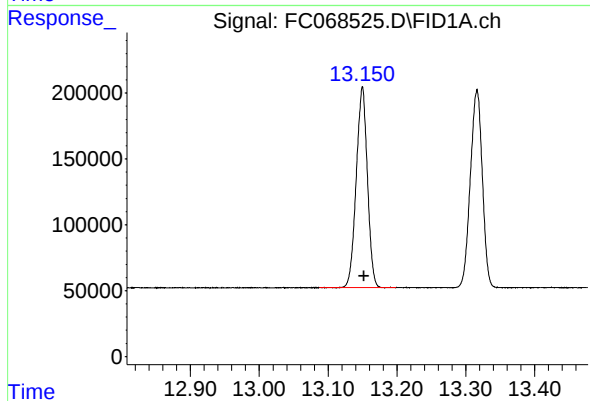
#10 n-Eicosane (C20)

R.T.: 12.703 min
Delta R.T.: -0.002 min
Response: 1835383
Conc: 18.66 ug/ml



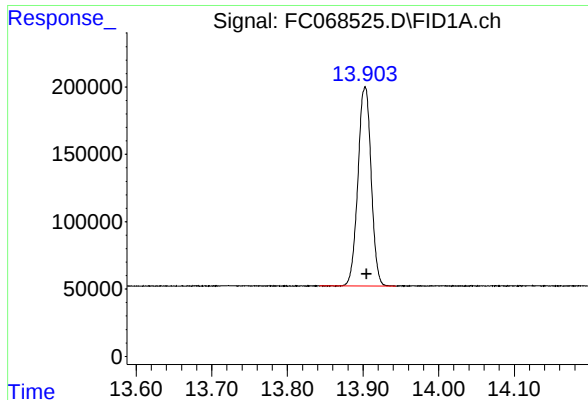
#11 n-Heneicosane (C21)

R.T.: 13.316 min
Delta R.T.: -0.002 min
Response: 1812752
Conc: 18.60 ug/ml



#12 1-chlorooctadecane (SURR)

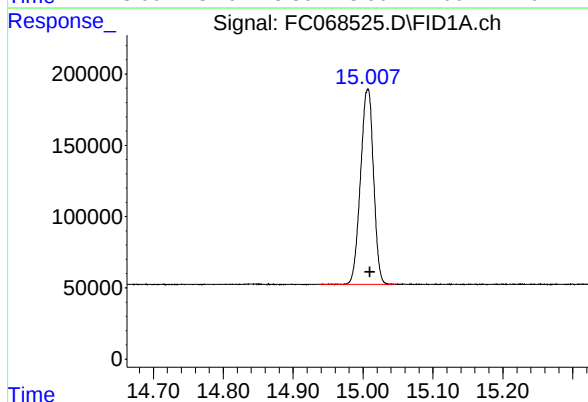
R.T.: 13.150 min
Delta R.T.: -0.002 min
Response: 1717661
Conc: 18.49 ug/ml



#13 n-Docosane (C22)

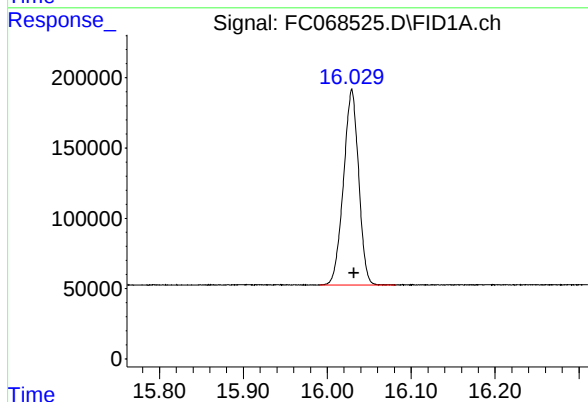
R.T.: 13.903 min
Delta R.T.: -0.002 min
Response: 1796336
Conc: 18.60 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



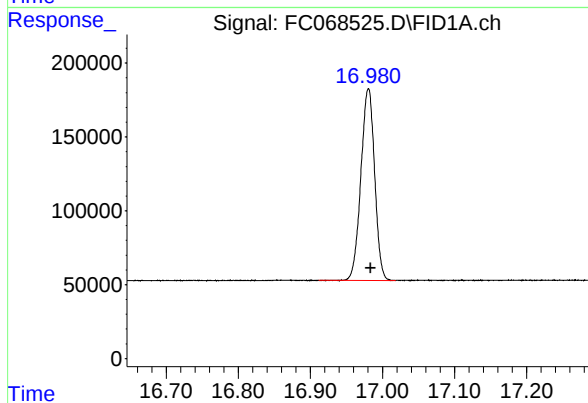
#14 n-Tetracosane (C24)

R.T.: 15.007 min
Delta R.T.: -0.003 min
Response: 1770447
Conc: 18.60 ug/ml



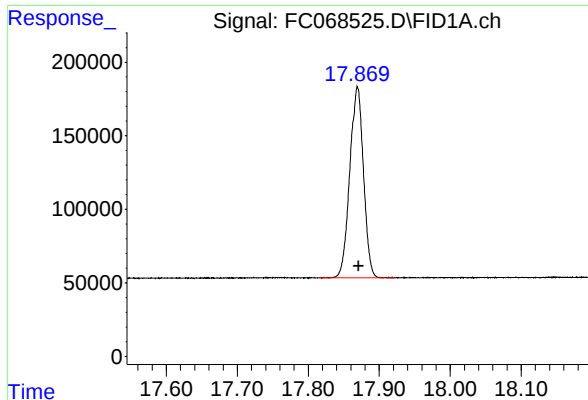
#15 n-Hexacosane (C26)

R.T.: 16.029 min
Delta R.T.: -0.003 min
Response: 1745881
Conc: 18.69 ug/ml



#16 n-Octacosane (C28)

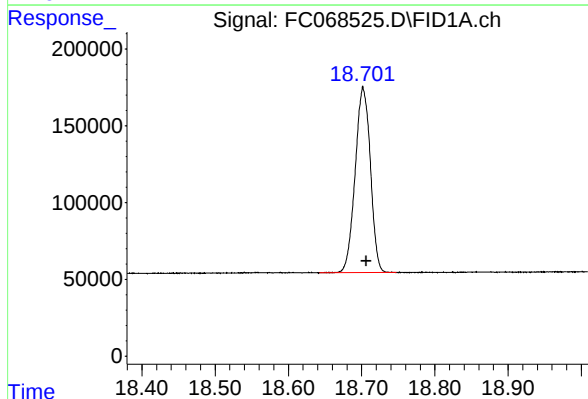
R.T.: 16.980 min
Delta R.T.: -0.003 min
Response: 1720540
Conc: 18.79 ug/ml



#17 n-Tricontane (C30)

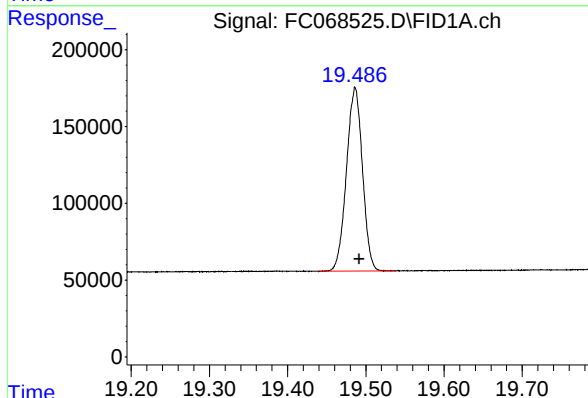
R.T.: 17.869 min
Delta R.T.: -0.002 min
Response: 1739514
Conc: 18.92 ug/ml

Instrument :
FID_C
ClientSampleId :
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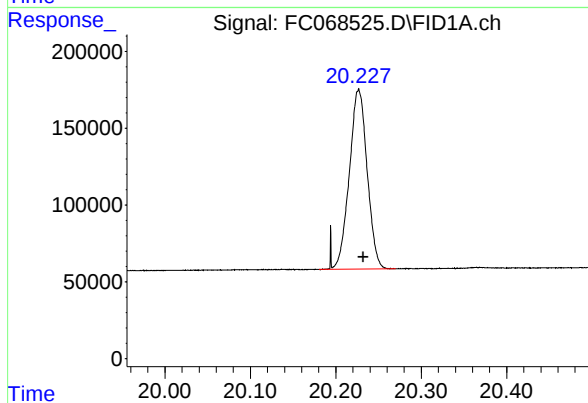
#18 n-Dotriacontane (C32)

R.T.: 18.702 min
Delta R.T.: -0.004 min
Response: 1742320
Conc: 18.99 ug/ml



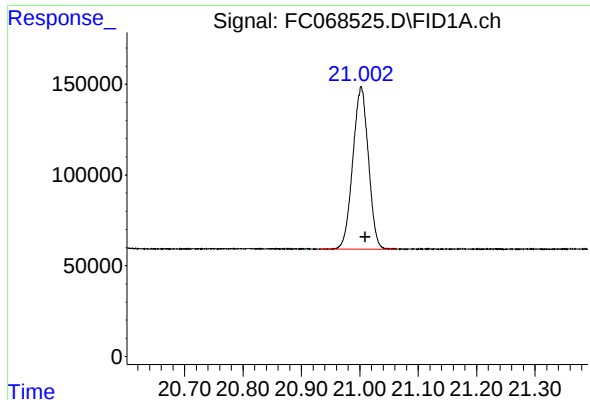
#19 n-Tetatriacontane (C34)

R.T.: 19.486 min
Delta R.T.: -0.005 min
Response: 1697496
Conc: 19.00 ug/ml



#20 n-Hexatriacontane (C36)

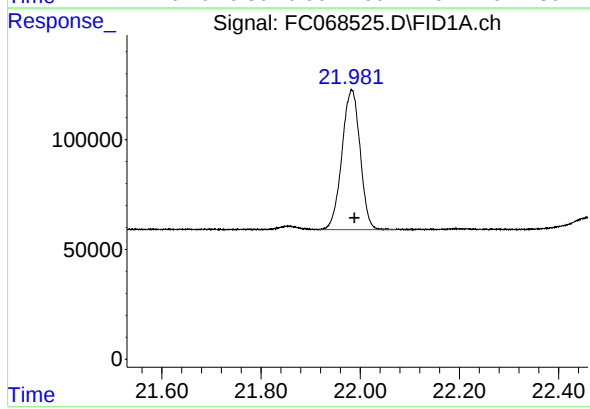
R.T.: 20.227 min
Delta R.T.: -0.005 min
Response: 1714136
Conc: 19.14 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.002 min
Delta R.T.: -0.007 min
Response: 1657992
Conc: 18.75 ug/ml

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FID_C
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.983 min
Delta R.T.: -0.006 min
Response: 1613410
Conc: 18.27 ug/ml