

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050625AL\
 Data File : FC068783.D
 Signal(s) : FID1A.ch
 Acq On : 06 May 2025 16:48
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD3
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e
 Quant Time: May 07 08:37:02 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050625.M
 Quant Title : GC Extractables
 QLast Update : Wed May 07 08:32:40 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)	11.711	2360314	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
12) S 1-chlorooctadecane (S...	13.144	1660070	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T n-Nonane (C9)	3.442	2075388	20.000 ug/ml
2) T n-Decane (C10)	4.518	2054768	20.000 ug/ml
3) T A~Naphthalene (C11.7)	6.115	2277305	20.000 ug/ml
4) T n-Dodecane (C12)	6.543	2004807	20.000 ug/ml
5) T A~2-methylnaphthalene...	7.173	2225640	20.000 ug/ml
6) T n-Tetradecane (C14)	8.341	1908934	20.000 ug/ml
7) T n-Hexadecane (C16)	9.944	1855813	20.000 ug/ml
8) T n-Octadecane (C18)	11.386	1814880	20.000 ug/ml
10) T n-Eicosane (C20)	12.697	1761914	20.000 ug/ml
11) T n-Heneicosane (C21)	13.310	1745475	20.000 ug/ml
13) T n-Docosane (C22)	13.897	1727226	20.000 ug/ml
14) T n-Tetracosane (C24)	15.001	1710088	20.000 ug/ml
15) T n-Hexacosane (C26)	16.023	1694760	20.000 ug/ml
16) T n-Octacosane (C28)	16.974	1684639	20.000 ug/ml
17) T n-Tricontane (C30)	17.862	1723787	20.000 ug/ml
18) T n-Dotriacontane (C32)	18.695	1748360	20.000 ug/ml
19) T n-Tetratriacontane (C34)	19.482	1732928	20.000 ug/ml
20) T n-Hexatriacontane (C36)	20.222	1753150	20.000 ug/ml
21) T n-Octatriacontane (C38)	20.996	1712858	20.000 ug/ml
22) T n-Tetracontane (C40)	21.975	1674622	20.000 ug/ml

(f)=RT Delta > 1/2 Window

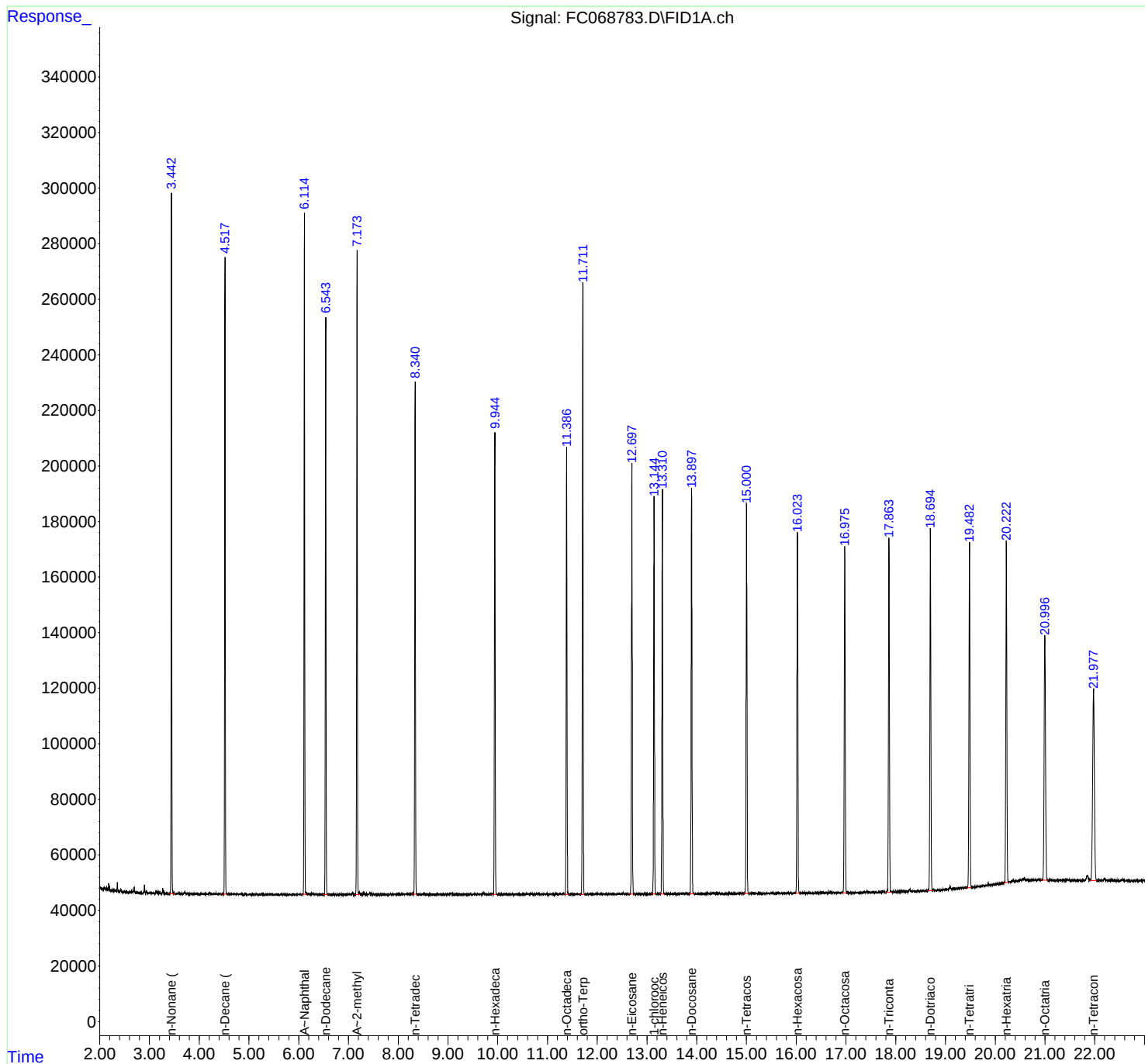
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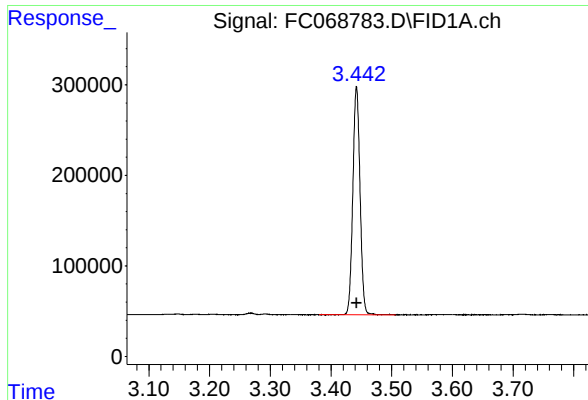
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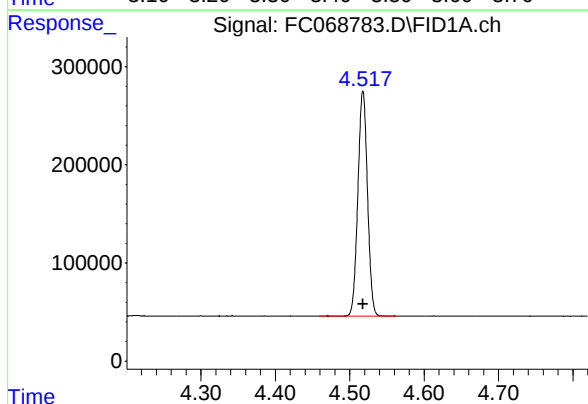




#1 n-Nonane (C9)

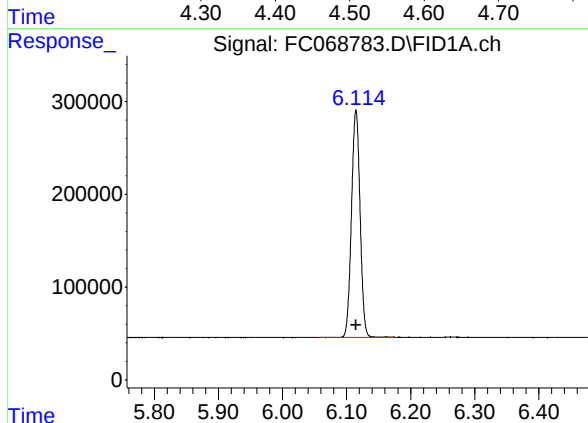
R.T.: 3.442 min
Delta R.T.: 0.000 min
Response: 2075388
Conc: 20.00 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD3



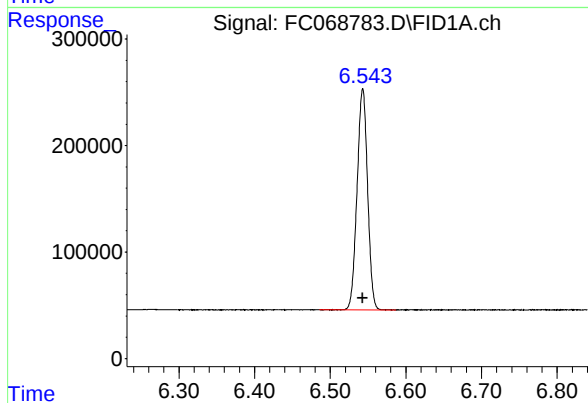
#2 n-Decane (C10)

R.T.: 4.518 min
Delta R.T.: 0.000 min
Response: 2054768
Conc: 20.00 ug/ml



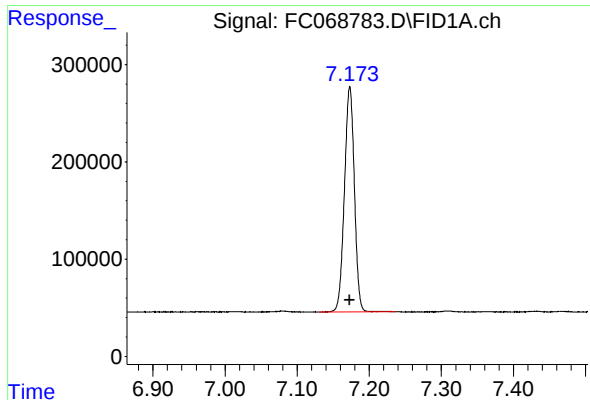
#3 A~Naphthalene (C11.7)

R.T.: 6.115 min
Delta R.T.: 0.000 min
Response: 2277305
Conc: 20.00 ug/ml



#4 n-Dodecane (C12)

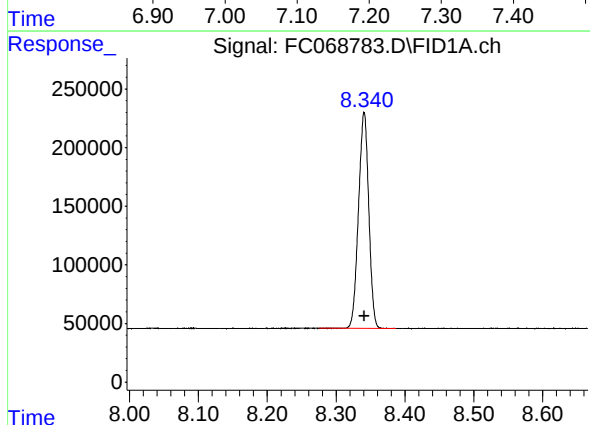
R.T.: 6.543 min
Delta R.T.: 0.000 min
Response: 2004807
Conc: 20.00 ug/ml



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

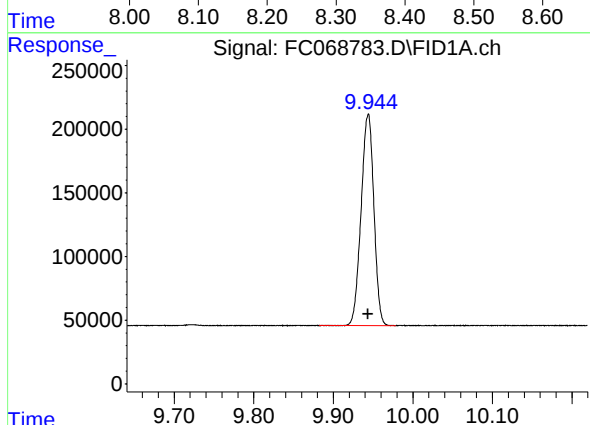
R.T.: 7.173 min
Delta R.T.: 0.000 min
Response: 2225640
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



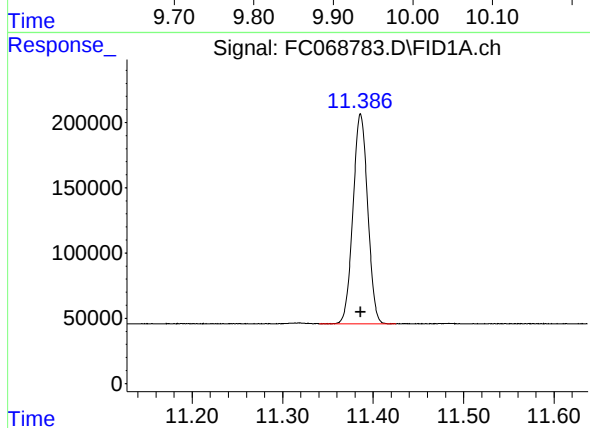
#6 n-Tetradecane (C14)

R.T.: 8.341 min
Delta R.T.: 0.000 min
Response: 1908934
Conc: 20.00 ug/ml



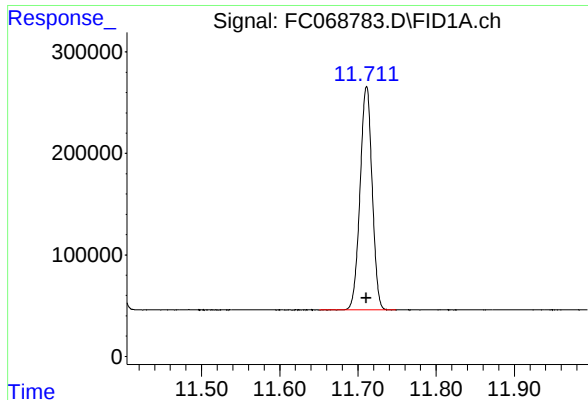
#7 n-Hexadecane (C16)

R.T.: 9.944 min
Delta R.T.: 0.000 min
Response: 1855813
Conc: 20.00 ug/ml



#8 n-Octadecane (C18)

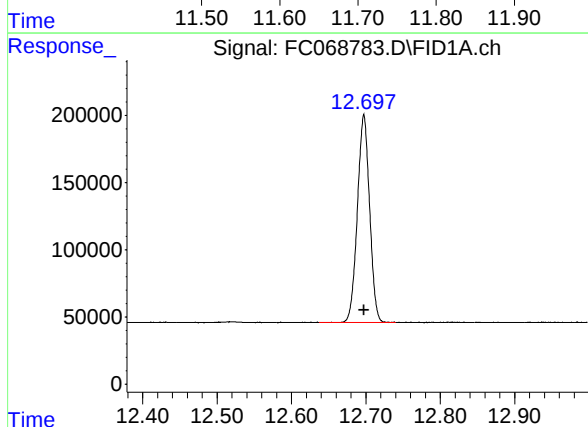
R.T.: 11.386 min
Delta R.T.: 0.000 min
Response: 1814880
Conc: 20.00 ug/ml



#9 ortho-Terphenyl (SURR)

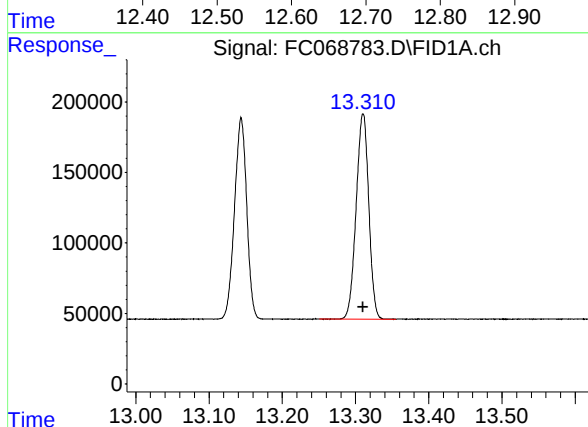
R.T.: 11.711 min
Delta R.T.: 0.000 min
Response: 2360314
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



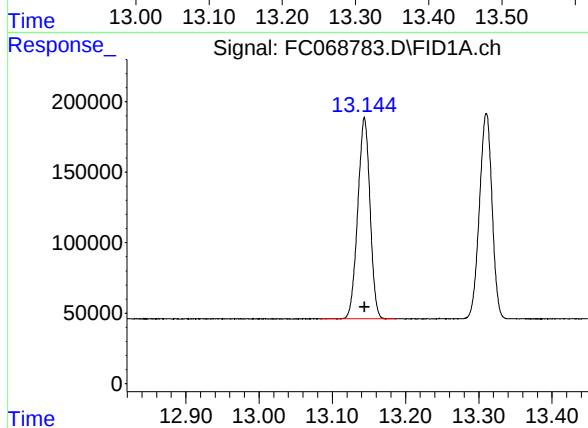
#10 n-Eicosane (C20)

R.T.: 12.697 min
Delta R.T.: 0.000 min
Response: 1761914
Conc: 20.00 ug/ml



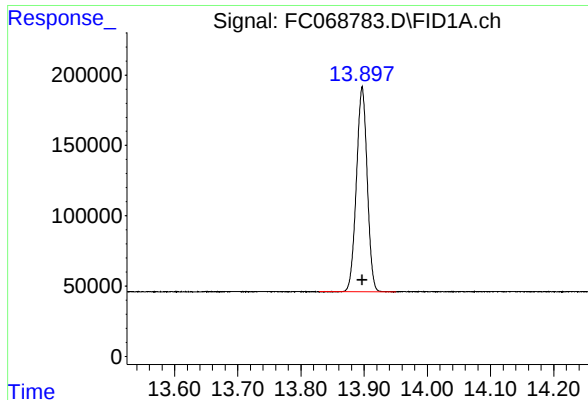
#11 n-Heneicosane (C21)

R.T.: 13.310 min
Delta R.T.: 0.000 min
Response: 1745475
Conc: 20.00 ug/ml



#12 1-chlorooctadecane (SURR)

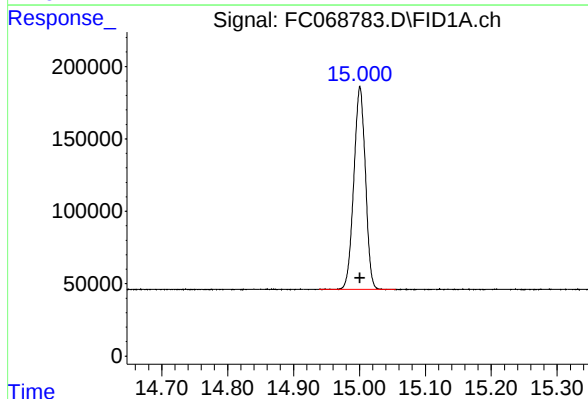
R.T.: 13.144 min
Delta R.T.: 0.000 min
Response: 1660070
Conc: 20.00 ug/ml



#13 n-Docosane (C22)

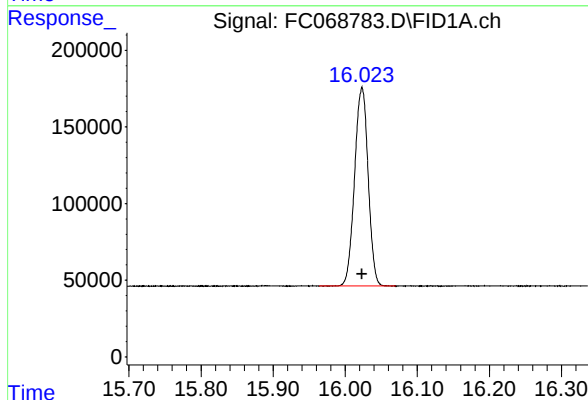
R.T.: 13.897 min
Delta R.T.: 0.000 min
Response: 1727226
Conc: 20.00 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD3



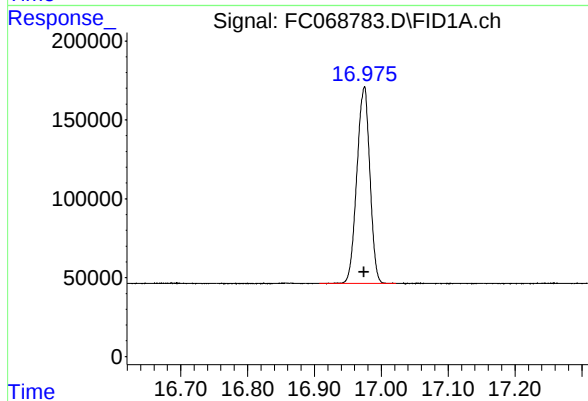
#14 n-Tetracosane (C24)

R.T.: 15.001 min
Delta R.T.: 0.000 min
Response: 1710088
Conc: 20.00 ug/ml



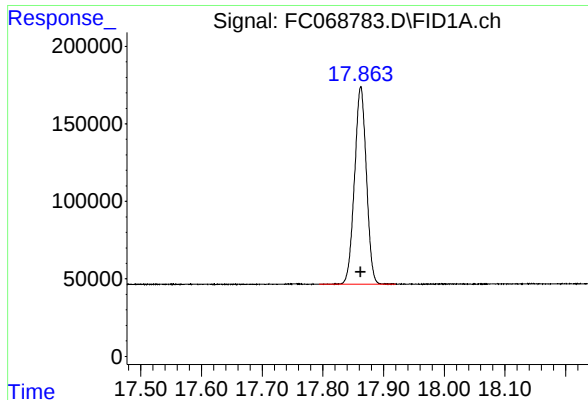
#15 n-Hexacosane (C26)

R.T.: 16.023 min
Delta R.T.: 0.000 min
Response: 1694760
Conc: 20.00 ug/ml



#16 n-Octacosane (C28)

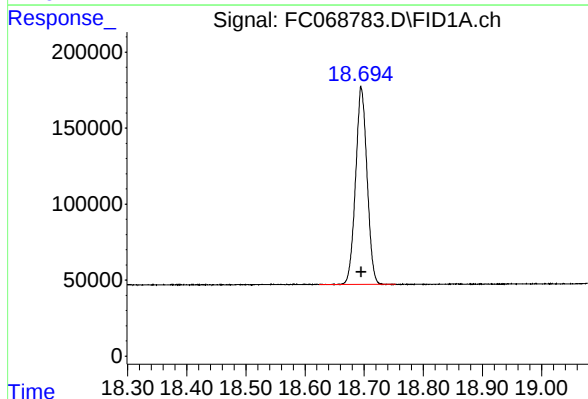
R.T.: 16.974 min
Delta R.T.: 0.000 min
Response: 1684639
Conc: 20.00 ug/ml



#17 n-Tricontane (C30)

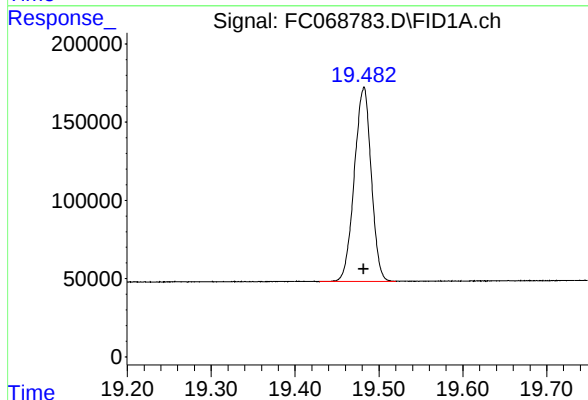
R.T.: 17.862 min
Delta R.T.: 0.000 min
Response: 1723787
Conc: 20.00 ug/ml

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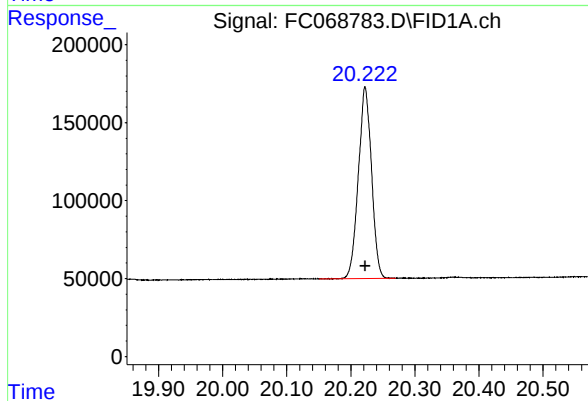
#18 n-Dotriacontane (C32)

R.T.: 18.695 min
Delta R.T.: 0.000 min
Response: 1748360
Conc: 20.00 ug/ml



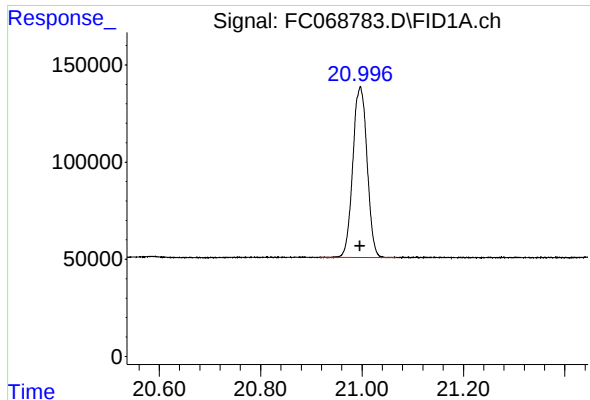
#19 n-Tetatriacontane (C34)

R.T.: 19.482 min
Delta R.T.: 0.000 min
Response: 1732928
Conc: 20.00 ug/ml



#20 n-Hexatriacontane (C36)

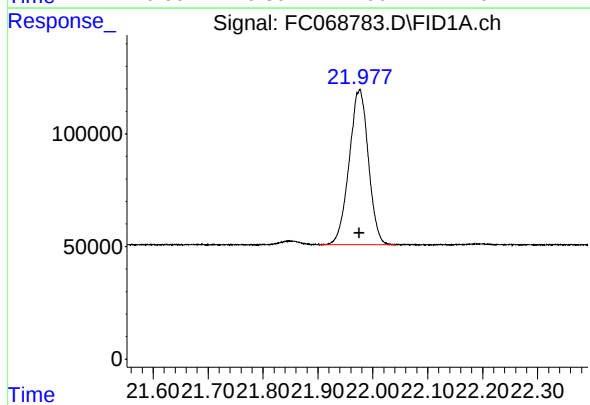
R.T.: 20.222 min
Delta R.T.: 0.000 min
Response: 1753150
Conc: 20.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.996 min
Delta R.T.: 0.000 min
Response: 1712858
Conc: 20.00 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.975 min
Delta R.T.: 0.000 min
Response: 1674622
Conc: 20.00 ug/ml