

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052325AL\
 Data File : FC068990.D
 Signal(s) : FID1A.ch
 Acq On : 23 May 2025 08:31
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: May 24 02:42:08 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050625.M
 Quant Title : GC Extractables
 QLast Update : Wed May 07 08:52:03 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)	11.707	2129672	18.659 ug/ml
Spiked Amount 50.000		Recovery =	37.32%
12) S 1-chlorooctadecane (S...	13.139	1537035	19.159 ug/ml
Spiked Amount 50.000		Recovery =	38.32%
Target Compounds			
1) T n-Nonane (C9)	3.440	1779162	17.689 ug/ml
2) T n-Decane (C10)	4.515	1793704	18.002 ug/ml
3) T A~Naphthalene (C11.7)	6.112	1967498	17.844 ug/ml
4) T n-Dodecane (C12)	6.540	1783812	18.356 ug/ml
5) T A~2-methylnaphthalene...	7.170	1938708	18.063 ug/ml
6) T n-Tetradecane (C14)	8.337	1745449	18.885 ug/ml
7) T n-Hexadecane (C16)	9.940	1732344	19.346 ug/ml
8) T n-Octadecane (C18)	11.383	1717761	19.583 ug/ml
10) T n-Eicosane (C20)	12.694	1672615	19.627 ug/ml
11) T n-Heneicosane (C21)	13.306	1656959	19.645 ug/ml
13) T n-Docosane (C22)	13.892	1650527	19.729 ug/ml
14) T n-Tetracosane (C24)	14.997	1637991	19.686 ug/ml
15) T n-Hexacosane (C26)	16.018	1622507	19.583 ug/ml
16) T n-Octacosane (C28)	16.969	1645091	19.905 ug/ml
17) T n-Tricontane (C30)	17.857	1741946	20.587 ug/ml
18) T n-Dotriacontane (C32)	18.691	1789191	20.772 ug/ml
19) T n-Tetratriacontane (C34)	19.476	1708669	20.055 ug/ml
20) T n-Hexatriacontane (C36)	20.216	1643460	19.121 ug/ml
21) T n-Octatriacontane (C38)	20.988	1552057	18.502 ug/ml
22) T n-Tetracontane (C40)	21.964	1467716	17.909 ug/ml

(f)=RT Delta > 1/2 Window

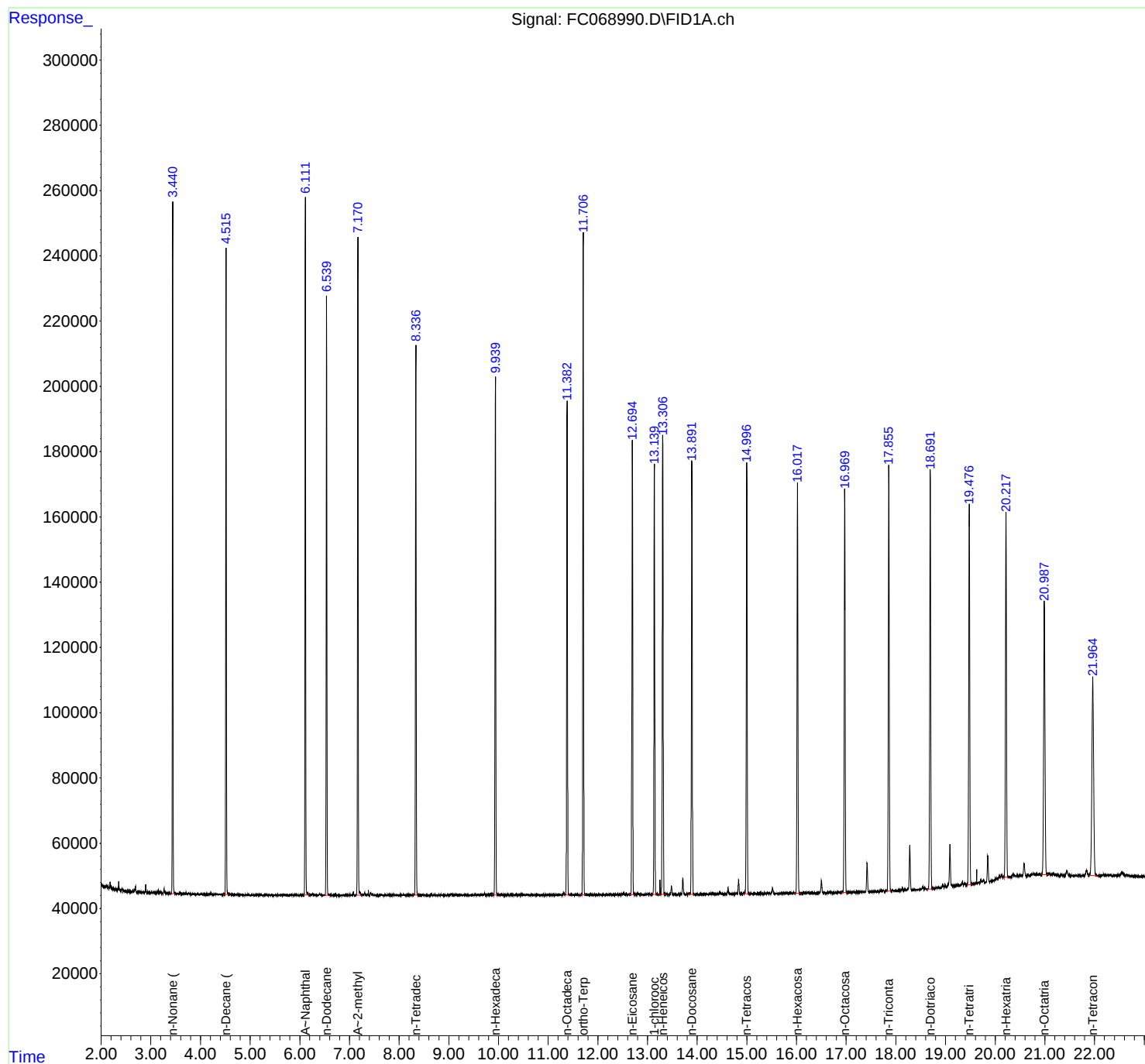
(m)=manual int.

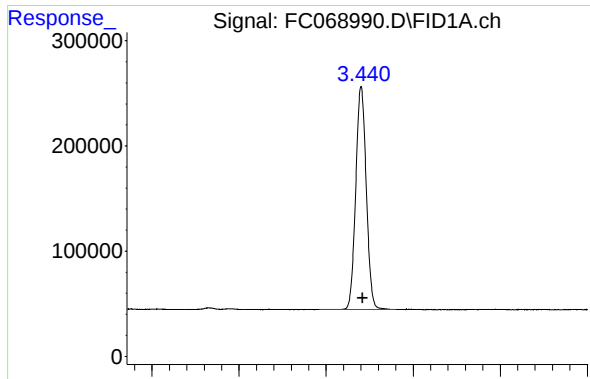
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Signal Info : 20M x 0.18mm x 0.18um

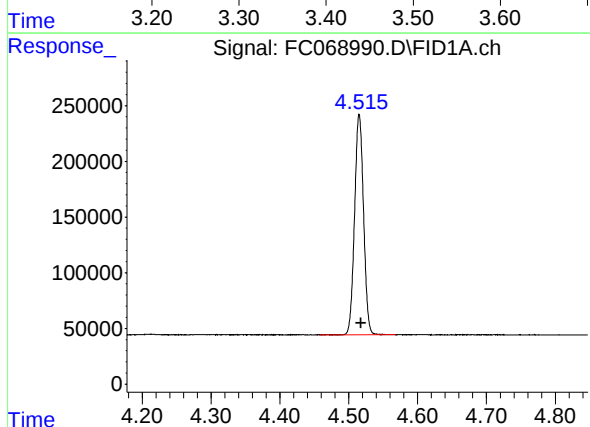




#1 n-Nonane (C9)

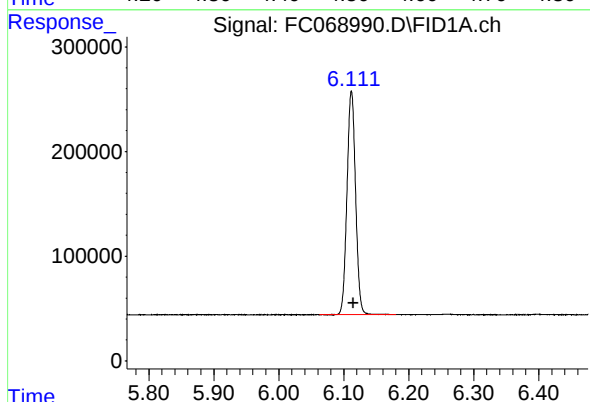
R.T.: 3.440 min
Delta R.T.: -0.002 min
Response: 1779162
Conc: 17.69 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



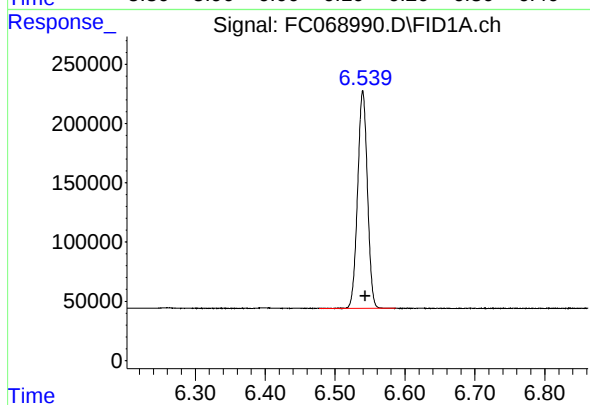
#2 n-Decane (C10)

R.T.: 4.515 min
Delta R.T.: -0.002 min
Response: 1793704
Conc: 18.00 ug/ml



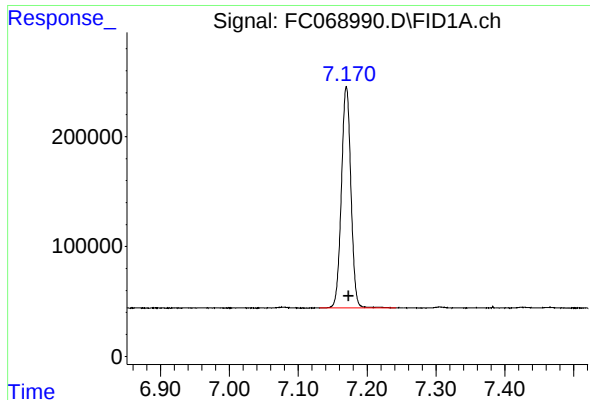
#3 A~Naphthalene (C11.7)

R.T.: 6.112 min
Delta R.T.: -0.003 min
Response: 1967498
Conc: 17.84 ug/ml



#4 n-Dodecane (C12)

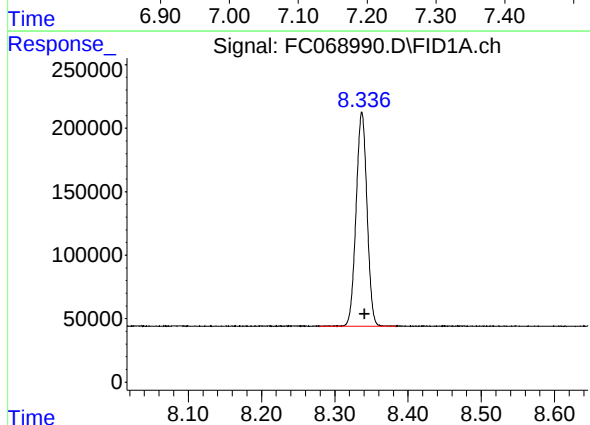
R.T.: 6.540 min
Delta R.T.: -0.003 min
Response: 1783812
Conc: 18.36 ug/ml



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

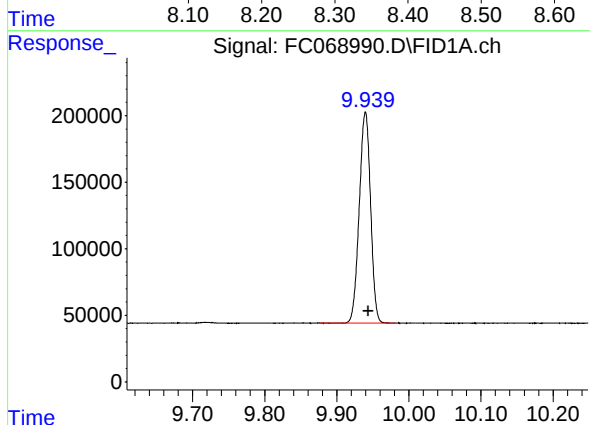
R.T.: 7.170 min
Delta R.T.: -0.003 min
Response: 1938708
Conc: 18.06 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



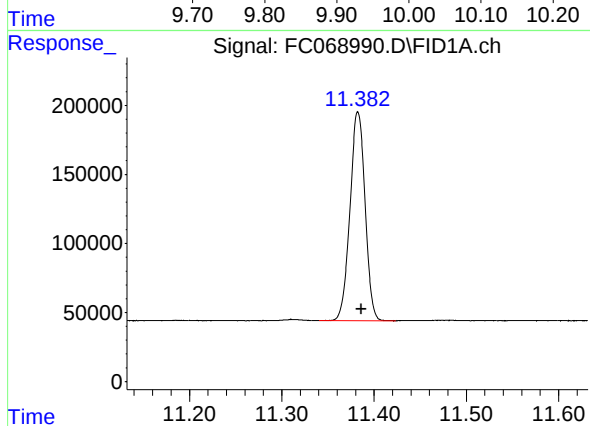
#6 n-Tetradecane (C14)

R.T.: 8.337 min
Delta R.T.: -0.004 min
Response: 1745449
Conc: 18.89 ug/ml



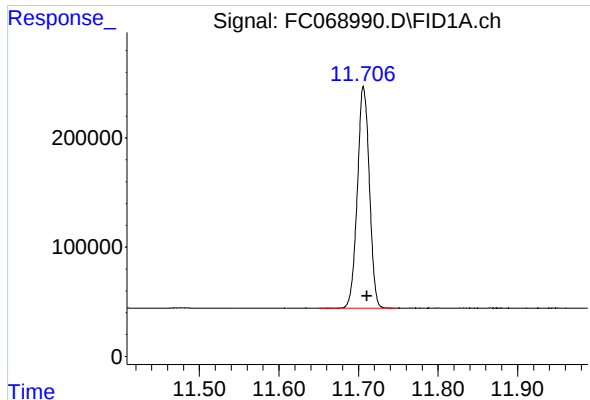
#7 n-Hexadecane (C16)

R.T.: 9.940 min
Delta R.T.: -0.004 min
Response: 1732344
Conc: 19.35 ug/ml



#8 n-Octadecane (C18)

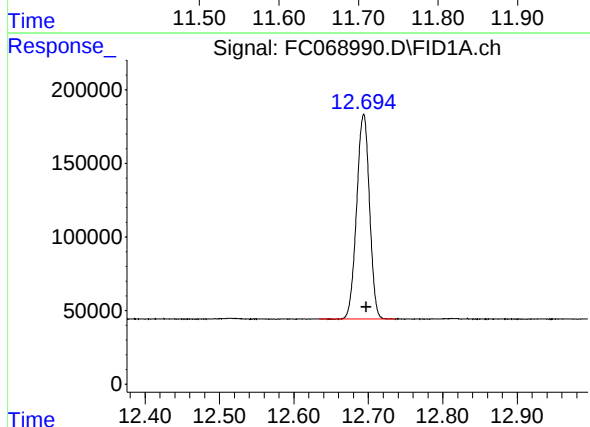
R.T.: 11.383 min
Delta R.T.: -0.004 min
Response: 1717761
Conc: 19.58 ug/ml



#9 ortho-Terphenyl (SURR)

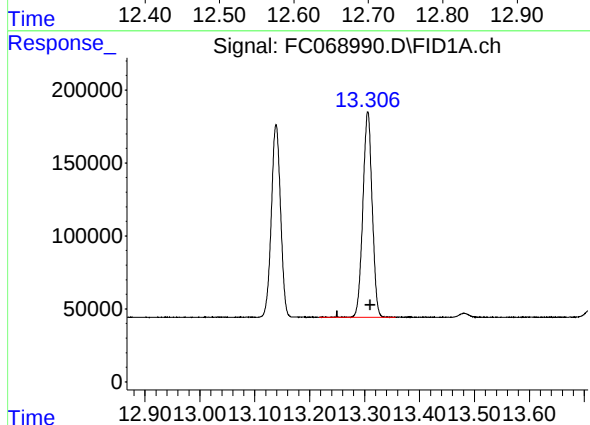
R.T.: 11.707 min
Delta R.T.: -0.004 min
Response: 2129672
Conc: 18.66 ug/ml

Instrument :
FID_C
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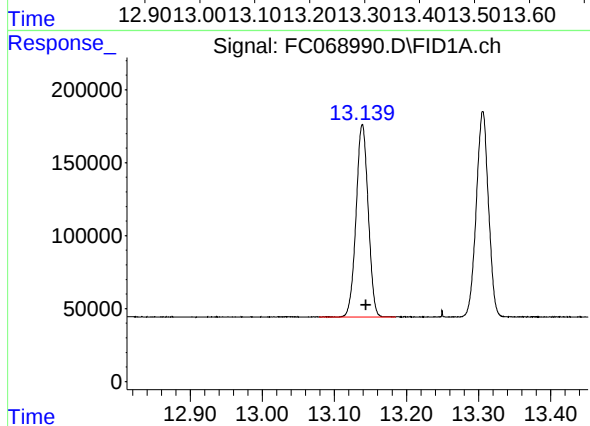
#10 n-Eicosane (C20)

R.T.: 12.694 min
Delta R.T.: -0.004 min
Response: 1672615
Conc: 19.63 ug/ml



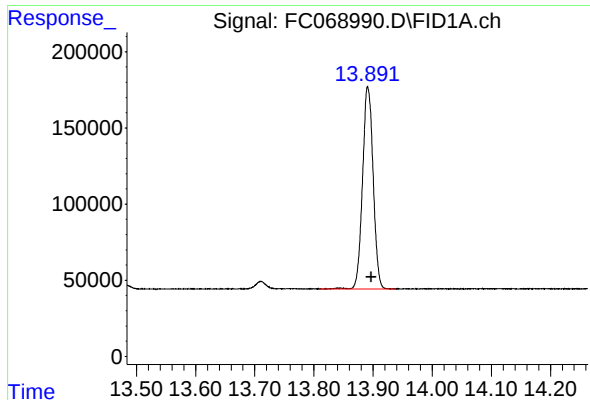
#11 n-Heneicosane (C21)

R.T.: 13.306 min
Delta R.T.: -0.004 min
Response: 1656959
Conc: 19.64 ug/ml



#12 1-chlorooctadecane (SURR)

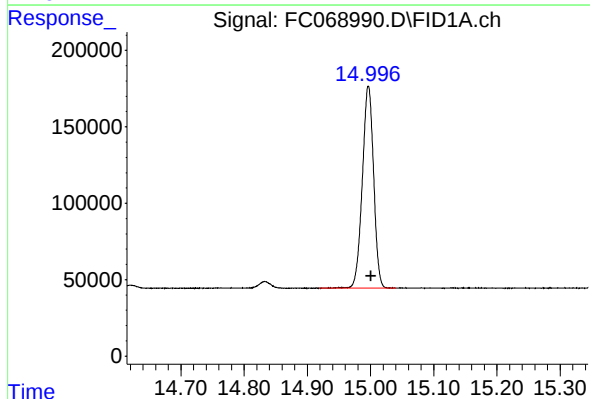
R.T.: 13.139 min
Delta R.T.: -0.005 min
Response: 1537035
Conc: 19.16 ug/ml



#13 n-Docosane (C22)

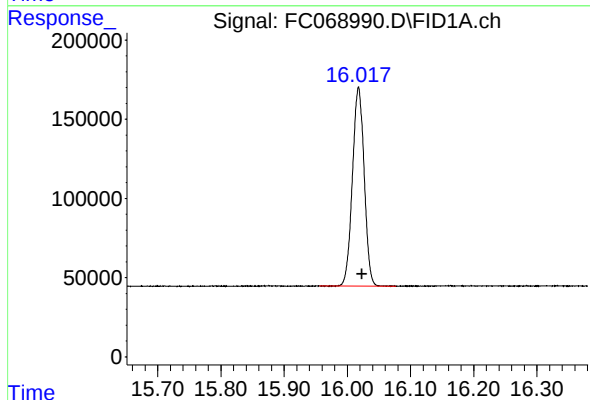
R.T.: 13.892 min
Delta R.T.: -0.005 min
Response: 1650527
Conc: 19.73 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



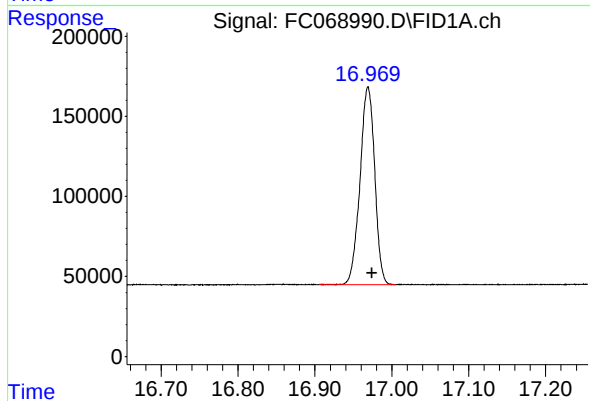
#14 n-Tetracosane (C24)

R.T.: 14.997 min
Delta R.T.: -0.004 min
Response: 1637991
Conc: 19.69 ug/ml



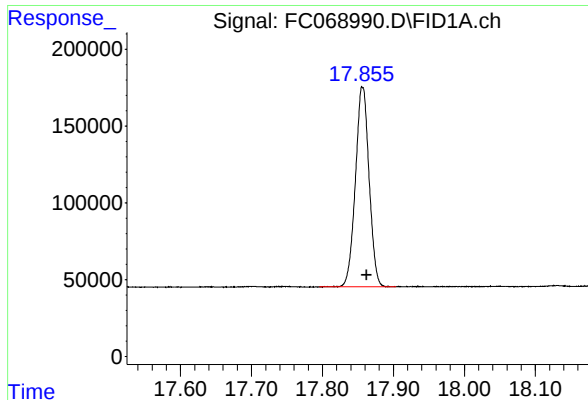
#15 n-Hexacosane (C26)

R.T.: 16.018 min
Delta R.T.: -0.005 min
Response: 1622507
Conc: 19.58 ug/ml



#16 n-Octacosane (C28)

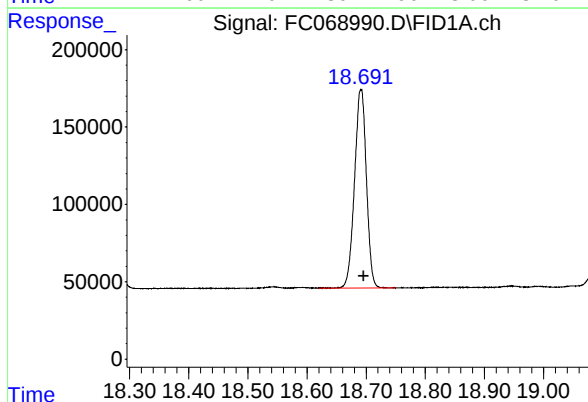
R.T.: 16.969 min
Delta R.T.: -0.005 min
Response: 1645091
Conc: 19.91 ug/ml



#17 n-Tricontane (C30)

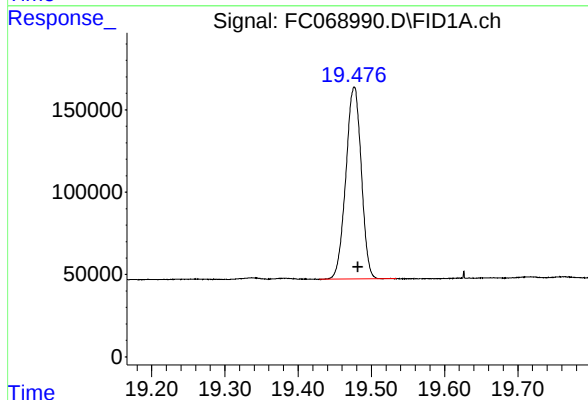
R.T.: 17.857 min
Delta R.T.: -0.006 min
Response: 1741946
Conc: 20.59 ug/ml

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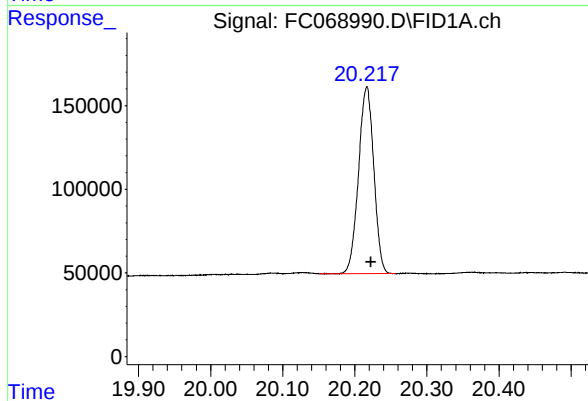
#18 n-Dotriacontane (C32)

R.T.: 18.691 min
Delta R.T.: -0.004 min
Response: 1789191
Conc: 20.77 ug/ml



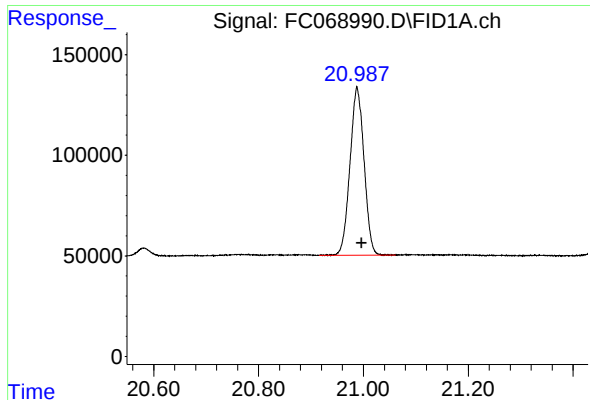
#19 n-Tetratriacontane (C34)

R.T.: 19.476 min
Delta R.T.: -0.005 min
Response: 1708669
Conc: 20.05 ug/ml



#20 n-Hexatriacontane (C36)

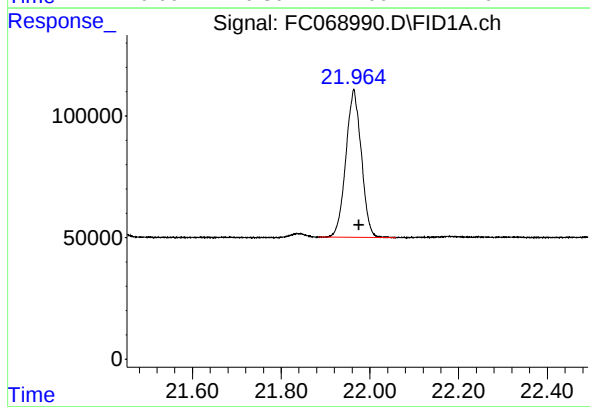
R.T.: 20.216 min
Delta R.T.: -0.006 min
Response: 1643460
Conc: 19.12 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.988 min
Delta R.T.: -0.008 min
Response: 1552057
Conc: 18.50 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.964 min
Delta R.T.: -0.012 min
Response: 1467716
Conc: 17.91 ug/ml