

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC012723AL\
 Data File : FC062790.D
 Signal(s) : FID1A.ch
 Acq On : 27 Jan 2023 11:55
 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: Jan 28 00:07:16 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 012623.M
 Quant Title : GC Extractables
 QLast Update : Fri Jan 27 04:11:29 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)	11.542	2510317	20.188 ug/ml
Spiked Amount 50.000		Recovery =	40.38%
12) S 1-chlorooctadecane (S...	12.979	1897702	20.120 ug/ml
Spiked Amount 50.000		Recovery =	40.24%
Target Compounds			
1) T n-Nonane (C9)	3.300	2184844	20.216 ug/ml
2) T n-Decane (C10)	4.367	2109873	20.307 ug/ml
3) T A~Naphthalene (C11.7)	5.951	2416538	20.433 ug/ml
4) T n-Dodecane (C12)	6.388	2095631	20.272 ug/ml
5) T A~2-methylnaphthalene...	7.009	2283348	20.869 ug/ml
6) T n-Tetradecane (C14)	8.183	2155807	21.014 ug/ml
7) T n-Hexadecane (C16)	9.786	2203067	20.362 ug/ml
8) T n-Octadecane (C18)	11.228	2250426	20.299 ug/ml
10) T n-Eicosane (C20)	12.536	2195193	20.134 ug/ml
11) T n-Heneicosane (C21)	13.147	2197465	20.189 ug/ml
13) T n-Docosane (C22)	13.733	2167719	20.121 ug/ml
14) T n-Tetracosane (C24)	14.835	2161763	20.185 ug/ml
15) T n-Hexacosane (C26)	15.854	2132852	20.239 ug/ml
16) T n-Octacosane (C28)	16.802	2110380	20.197 ug/ml
17) T n-Tricontane (C30)	17.689	2096650	20.079 ug/ml
18) T n-Dotriacontane (C32)	18.518	2110939	19.543 ug/ml
19) T n-Tetratriacontane (C34)	19.302	2091951	19.902 ug/ml
20) T n-Hexatriacontane (C36)	20.040	2004921	19.909 ug/ml
21) T n-Octatriacontane (C38)	20.770	2000464	19.925 ug/ml
22) T n-Tetracontane (C40)	21.668	1978548	20.527 ug/ml

(f)=RT Delta > 1/2 Window

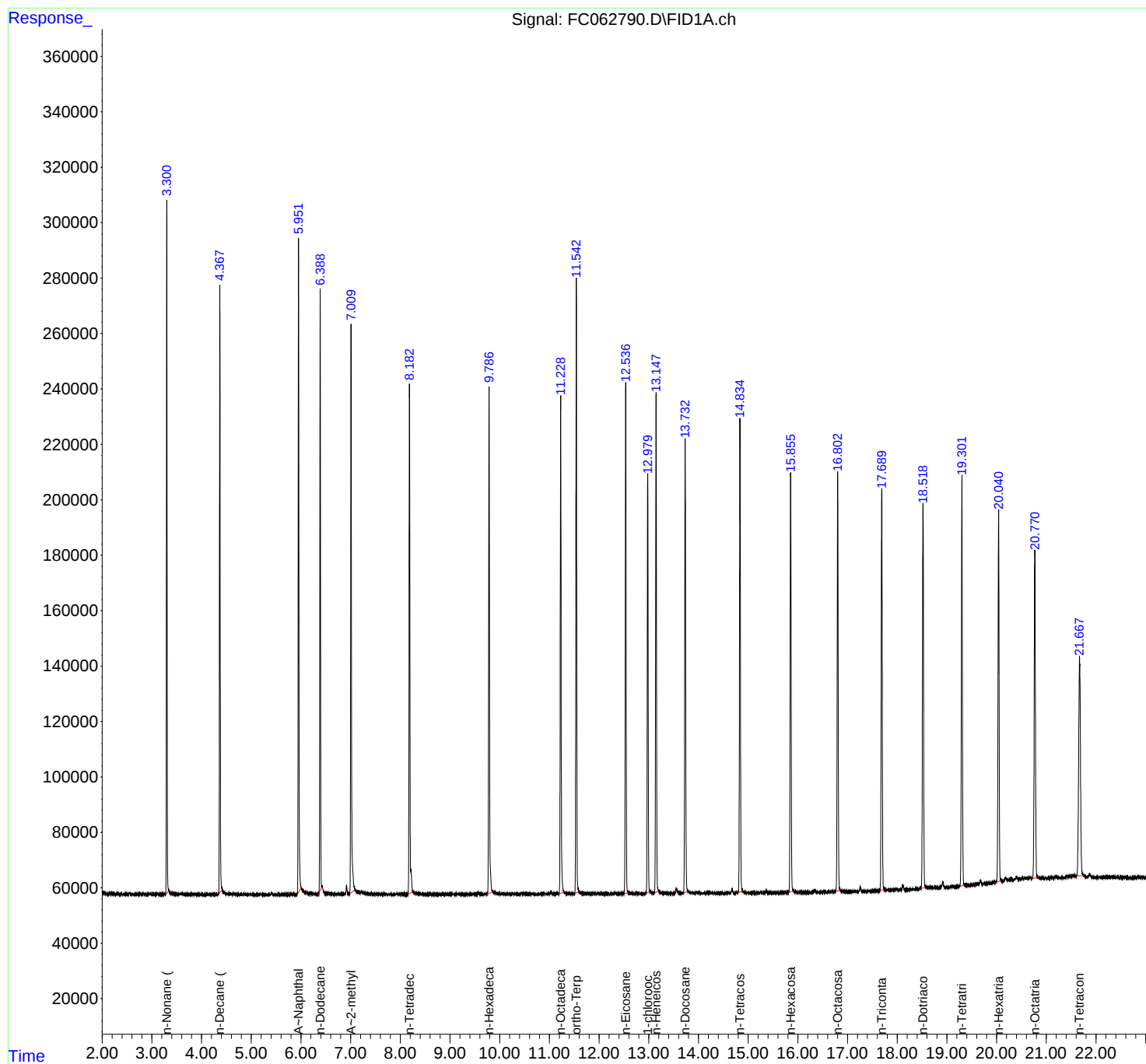
(m)=manual int.

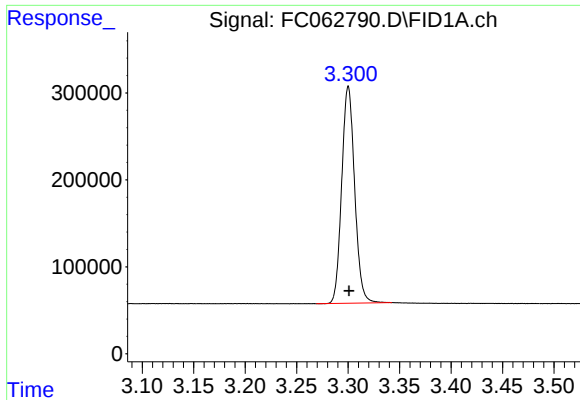
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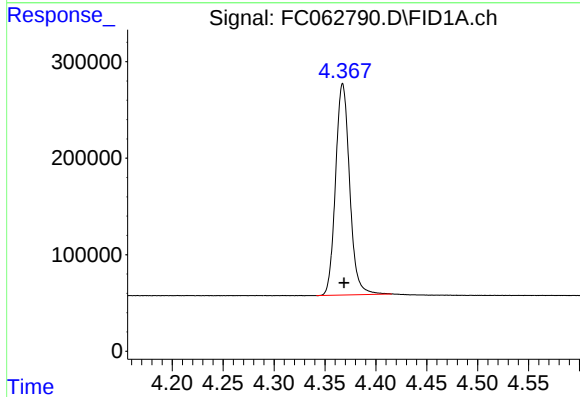




#1 n-Nonane (C9)

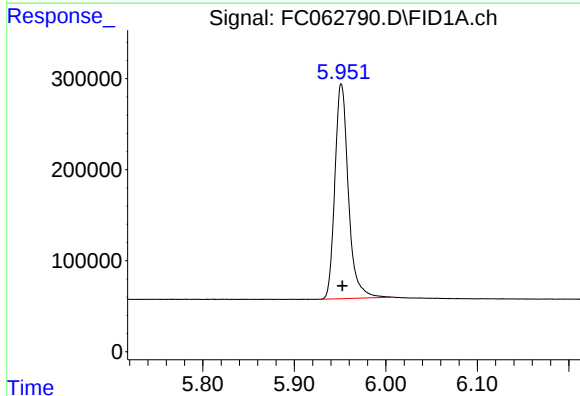
R.T.: 3.300 min
Delta R.T.: 0.000 min
Response: 2184844
Conc: 20.22 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



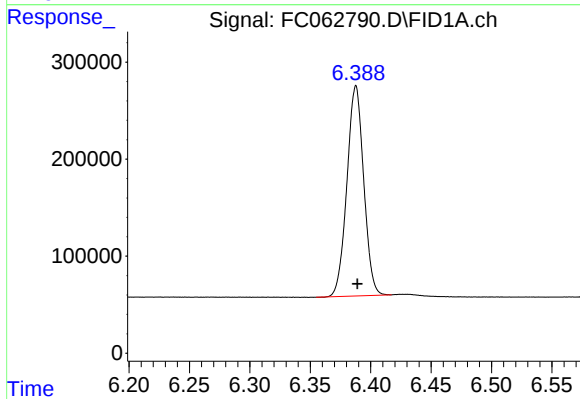
#2 n-Decane (C10)

R.T.: 4.367 min
Delta R.T.: -0.001 min
Response: 2109873
Conc: 20.31 ug/ml



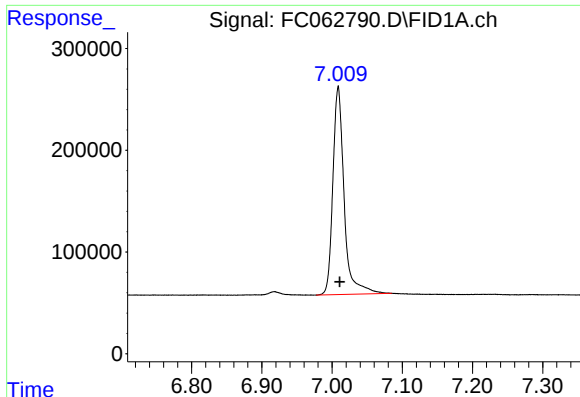
#3 A~Naphthalene (C11.7)

R.T.: 5.951 min
Delta R.T.: -0.001 min
Response: 2416538
Conc: 20.43 ug/ml



#4 n-Dodecane (C12)

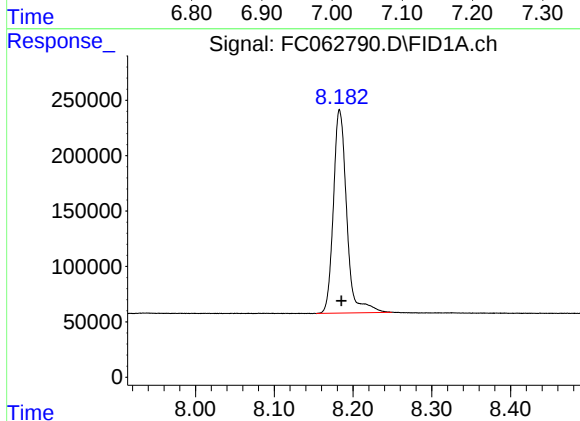
R.T.: 6.388 min
Delta R.T.: -0.001 min
Response: 2095631
Conc: 20.27 ug/ml



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

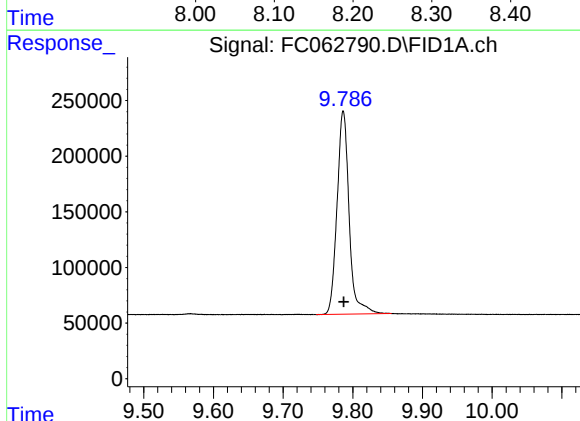
R.T.: 7.009 min
Delta R.T.: -0.002 min
Response: 2283348
Conc: 20.87 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



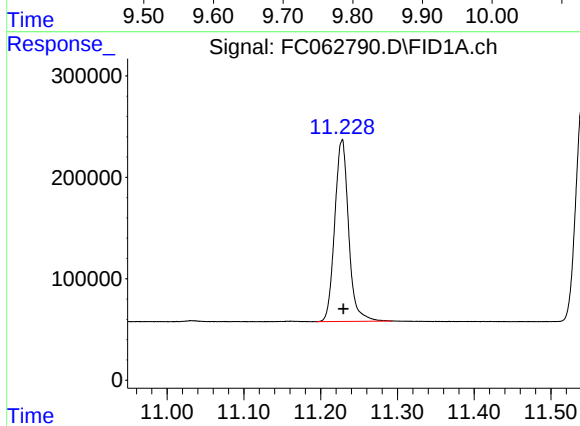
#6 n-Tetradecane (C14)

R.T.: 8.183 min
Delta R.T.: -0.002 min
Response: 2155807
Conc: 21.01 ug/ml



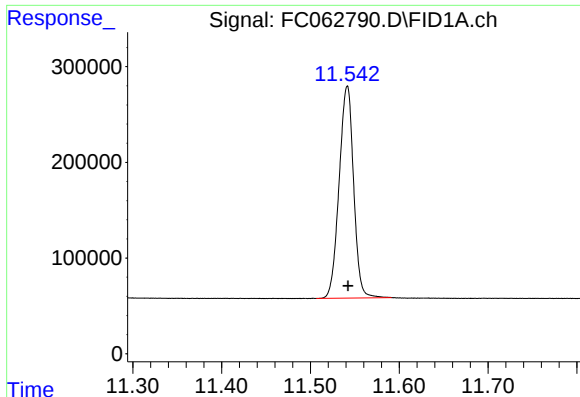
#7 n-Hexadecane (C16)

R.T.: 9.786 min
Delta R.T.: 0.000 min
Response: 2203067
Conc: 20.36 ug/ml



#8 n-Octadecane (C18)

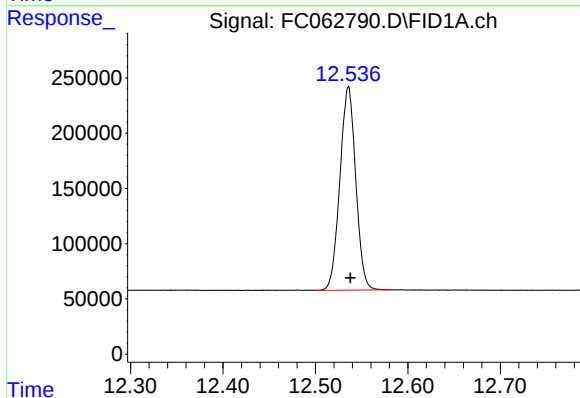
R.T.: 11.228 min
Delta R.T.: -0.002 min
Response: 2250426
Conc: 20.30 ug/ml



#9 ortho-Terphenyl (SURR)

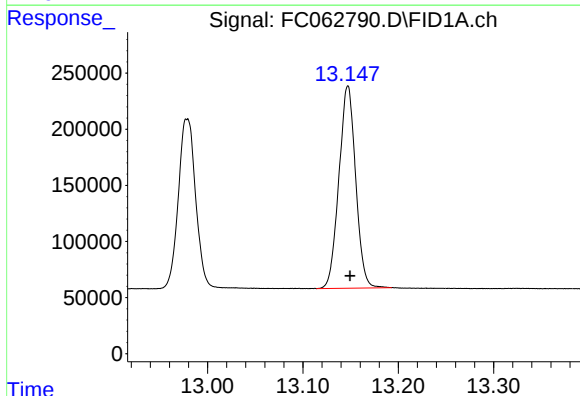
R.T.: 11.542 min
Delta R.T.: 0.000 min
Response: 2510317
Conc: 20.19 ug/ml

Instrument :
FID_C
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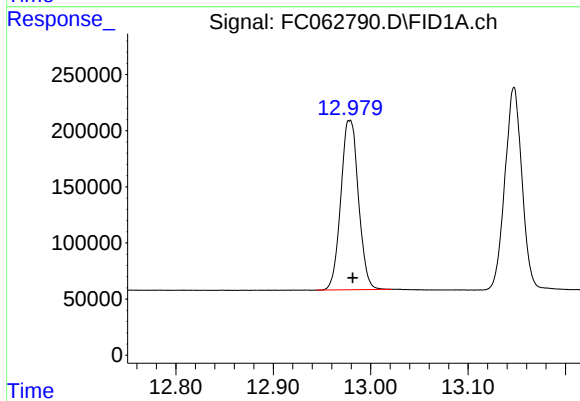
#10 n-Eicosane (C20)

R.T.: 12.536 min
Delta R.T.: -0.002 min
Response: 2195193
Conc: 20.13 ug/ml



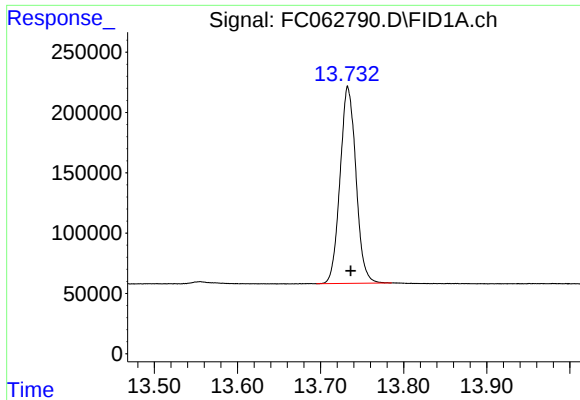
#11 n-Heneicosane (C21)

R.T.: 13.147 min
Delta R.T.: -0.003 min
Response: 2197465
Conc: 20.19 ug/ml



#12 1-chlorooctadecane (SURR)

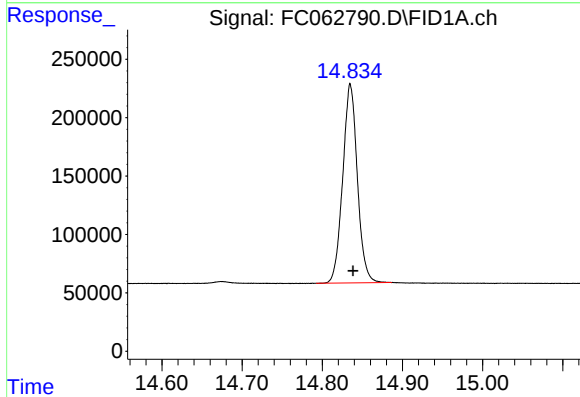
R.T.: 12.979 min
Delta R.T.: -0.003 min
Response: 1897702
Conc: 20.12 ug/ml



#13 n-Docosane (C22)

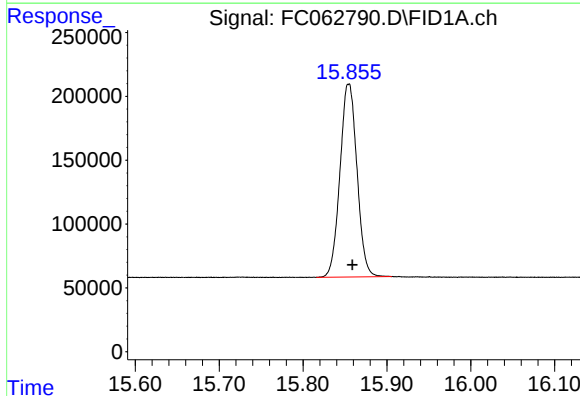
R.T.: 13.733 min
Delta R.T.: -0.004 min
Response: 2167719
Conc: 20.12 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



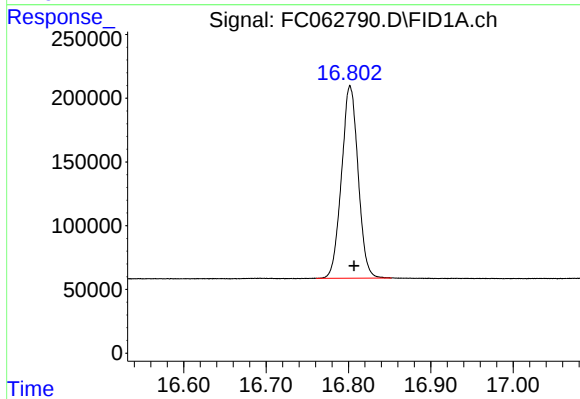
#14 n-Tetracosane (C24)

R.T.: 14.835 min
Delta R.T.: -0.004 min
Response: 2161763
Conc: 20.19 ug/ml



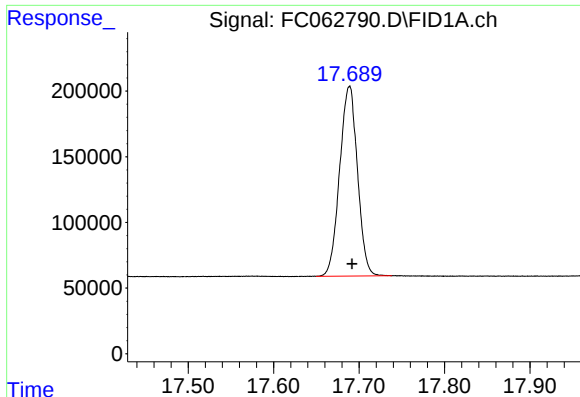
#15 n-Hexacosane (C26)

R.T.: 15.854 min
Delta R.T.: -0.004 min
Response: 2132852
Conc: 20.24 ug/ml



#16 n-Octacosane (C28)

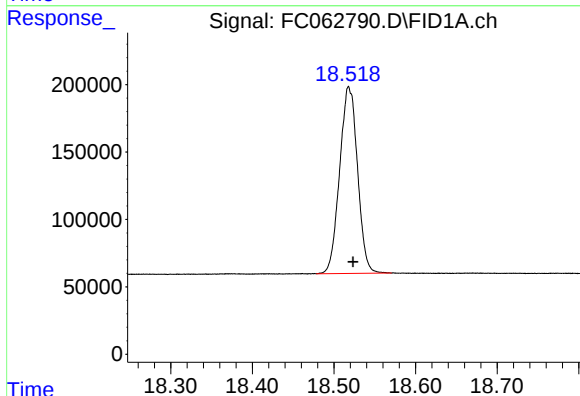
R.T.: 16.802 min
Delta R.T.: -0.005 min
Response: 2110380
Conc: 20.20 ug/ml



#17 n-Tricontane (C30)

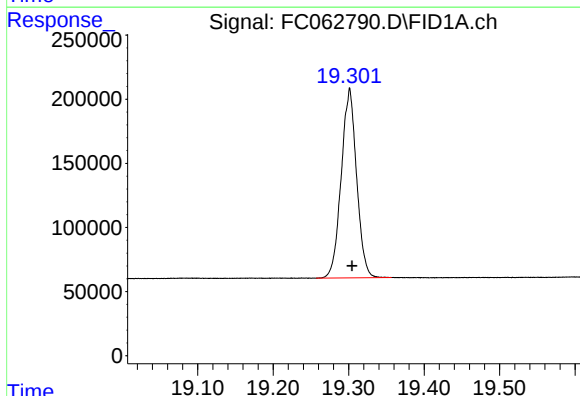
R.T.: 17.689 min
Delta R.T.: -0.003 min
Response: 2096650
Conc: 20.08 ug/ml

Instrument :
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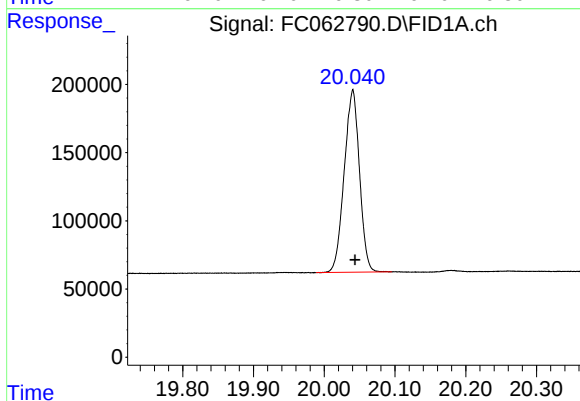
#18 n-Dotriacontane (C32)

R.T.: 18.518 min
Delta R.T.: -0.005 min
Response: 2110939
Conc: 19.54 ug/ml



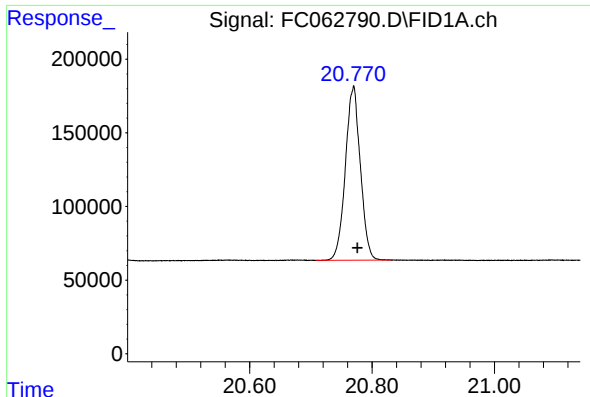
#19 n-Tetratriacontane (C34)

R.T.: 19.302 min
Delta R.T.: -0.003 min
Response: 2091951
Conc: 19.90 ug/ml



#20 n-Hexatriacontane (C36)

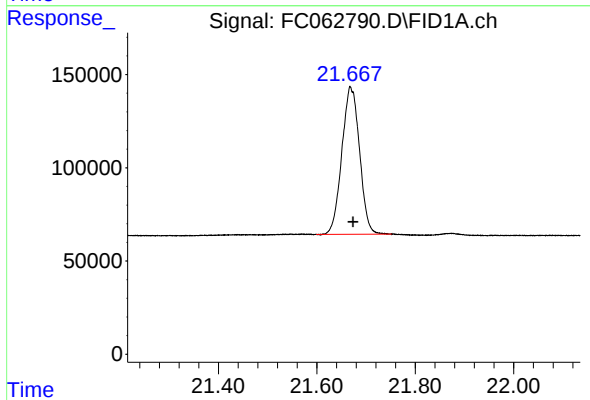
R.T.: 20.040 min
Delta R.T.: -0.003 min
Response: 2004921
Conc: 19.91 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.770 min
Delta R.T.: -0.006 min
Response: 2000464
Conc: 19.92 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.668 min
Delta R.T.: -0.006 min
Response: 1978548
Conc: 20.53 ug/ml