

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC040925AL\
 Data File : FC068518.D
 Signal(s) : FID1A.ch
 Acq On : 08 Apr 2025 16:12
 Operator : YP/AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
 Quant Time: Apr 08 17:03:34 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 040925.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 08 17:03:20 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)	11.720	1388282	10.977 ug/ml
Spiked Amount 50.000		Recovery =	21.95%
12) S 1-chlorooctadecane (S...	13.154	1026505	11.083 ug/ml
Spiked Amount 50.000		Recovery =	22.17%
Target Compounds			
1) T n-Nonane (C9)	3.450	1136561	10.913 ug/ml
2) T n-Decane (C10)	4.525	1140863	10.944 ug/ml
3) T A~Naphthalene (C11.7)	6.124	1256563	10.901 ug/ml
4) T n-Dodecane (C12)	6.551	1144968	10.993 ug/ml
5) T A~2-methylnaphthalene...	7.181	1247891	10.901 ug/ml
6) T n-Tetradecane (C14)	8.348	1128652	11.073 ug/ml
7) T n-Hexadecane (C16)	9.952	1124488	11.125 ug/ml
8) T n-Octadecane (C18)	11.396	1115425	11.151 ug/ml
10) T n-Eicosane (C20)	12.707	1092518	11.147 ug/ml
11) T n-Heneicosane (C21)	13.320	1082284	11.149 ug/ml
13) T n-Docosane (C22)	13.907	1070404	11.124 ug/ml
14) T n-Tetracosane (C24)	15.011	1051523	11.083 ug/ml
15) T n-Hexacosane (C26)	16.034	1022441	10.974 ug/ml
16) T n-Octacosane (C28)	16.985	993075	10.887 ug/ml
17) T n-Tricontane (C30)	17.873	990582	10.833 ug/ml
18) T n-Dotriacontane (C32)	18.707	985052	10.817 ug/ml
19) T n-Tetratriacontane (C34)	19.492	949339	10.711 ug/ml
20) T n-Hexatriacontane (C36)	20.233	947135	10.651 ug/ml
21) T n-Octatriacontane (C38)	21.009	932368	10.629 ug/ml
22) T n-Tetracontane (C40)	21.991	924309	10.560 ug/ml

(f)=RT Delta > 1/2 Window

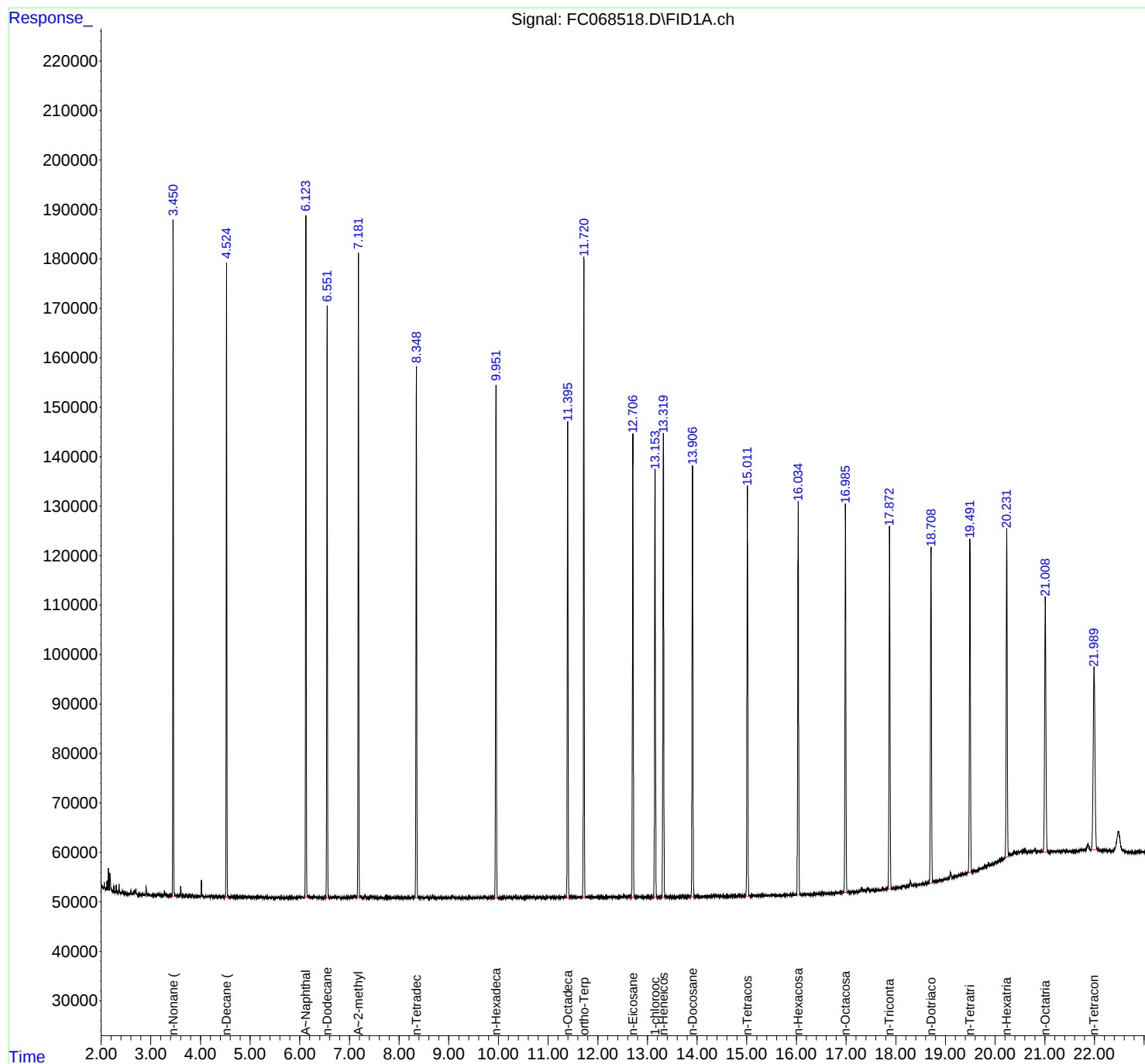
(m)=manual int.

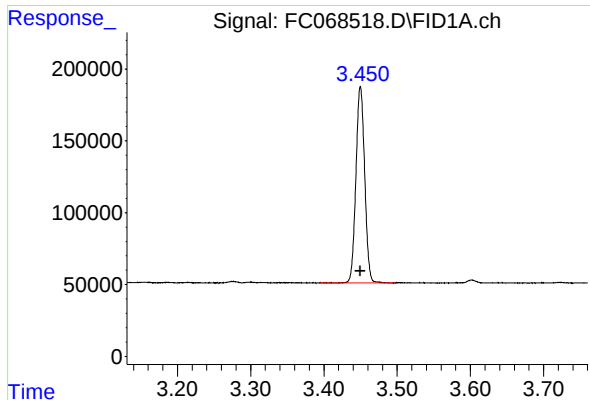
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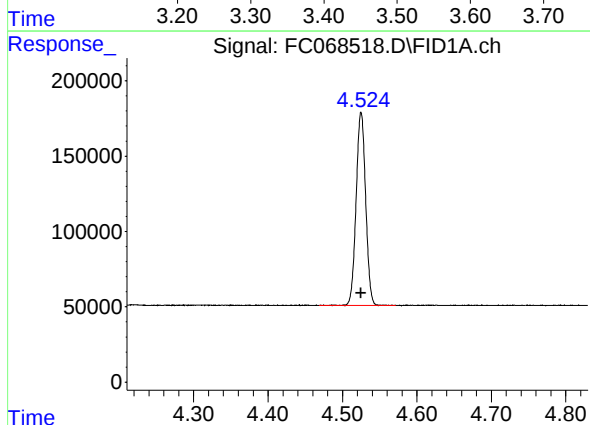




#1 n-Nonane (C9)

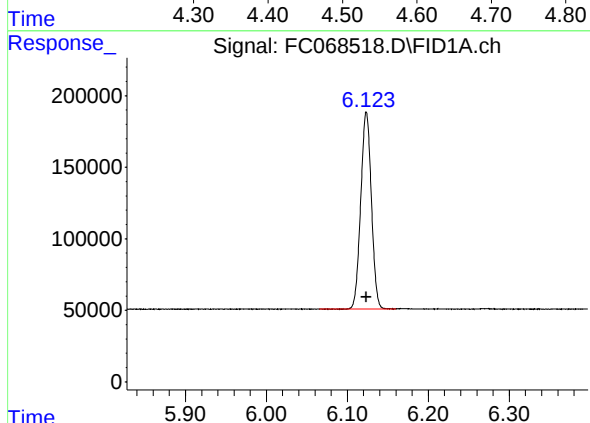
R.T.: 3.450 min
Delta R.T.: 0.000 min
Response: 1136561
Conc: 10.91 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



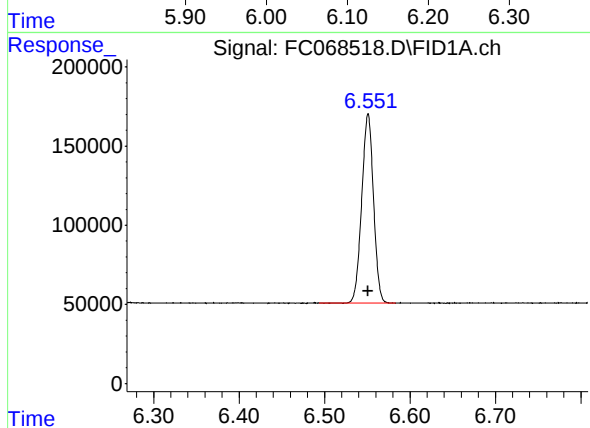
#2 n-Decane (C10)

R.T.: 4.525 min
Delta R.T.: 0.000 min
Response: 1140863
Conc: 10.94 ug/ml



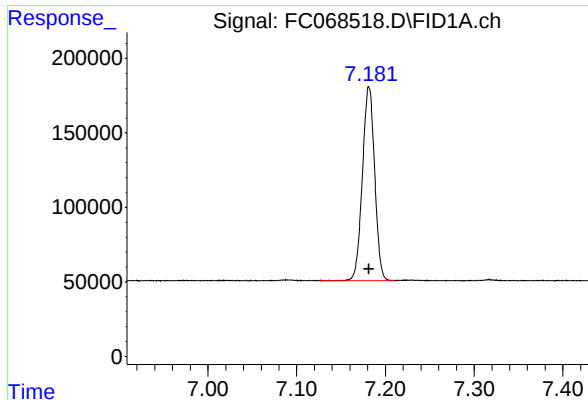
#3 A~Naphthalene (C11.7)

R.T.: 6.124 min
Delta R.T.: 0.000 min
Response: 1256563
Conc: 10.90 ug/ml



#4 n-Dodecane (C12)

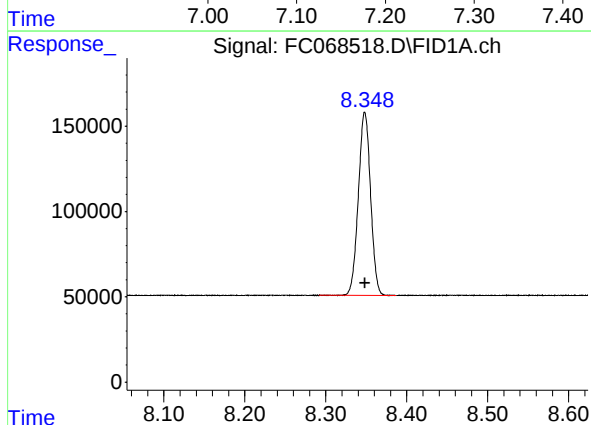
R.T.: 6.551 min
Delta R.T.: 0.000 min
Response: 1144968
Conc: 10.99 ug/ml



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

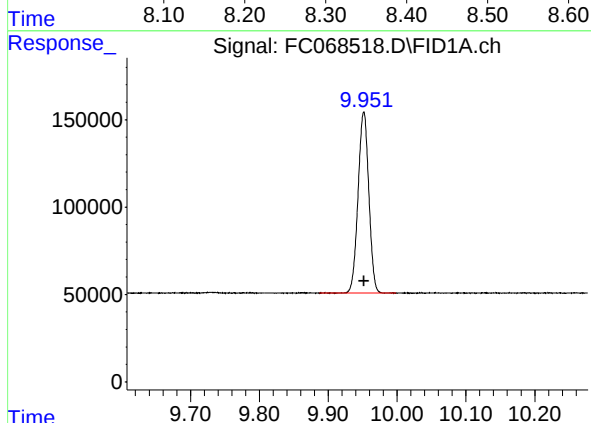
R.T.: 7.181 min
Delta R.T.: 0.000 min
Response: 1247891
Conc: 10.90 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



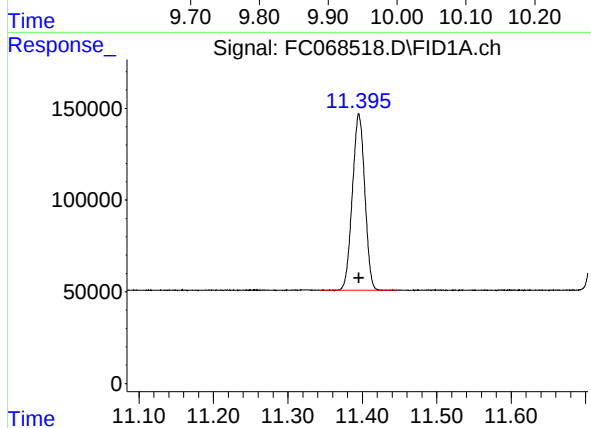
#6 n-Tetradecane (C14)

R.T.: 8.348 min
Delta R.T.: 0.000 min
Response: 1128652
Conc: 11.07 ug/ml



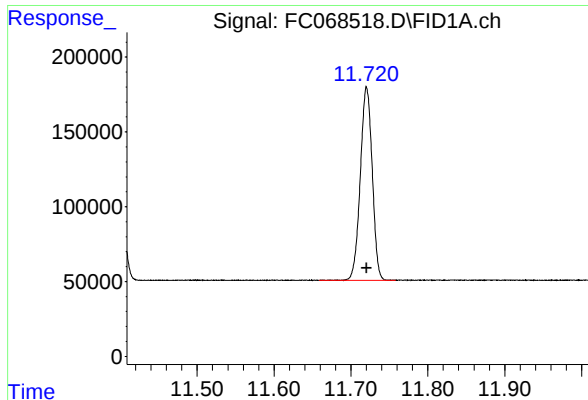
#7 n-Hexadecane (C16)

R.T.: 9.952 min
Delta R.T.: 0.000 min
Response: 1124488
Conc: 11.13 ug/ml



#8 n-Octadecane (C18)

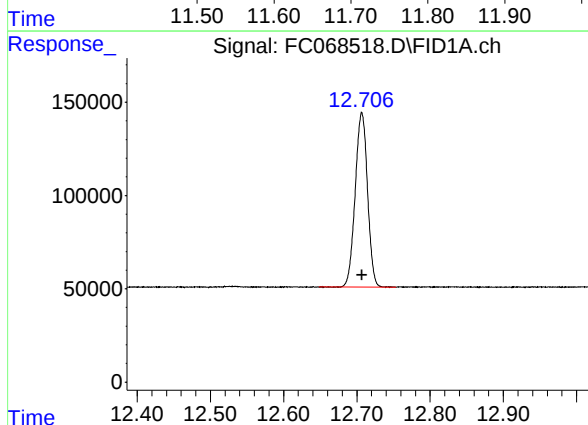
R.T.: 11.396 min
Delta R.T.: 0.000 min
Response: 1115425
Conc: 11.15 ug/ml



#9 ortho-Terphenyl (SURR)

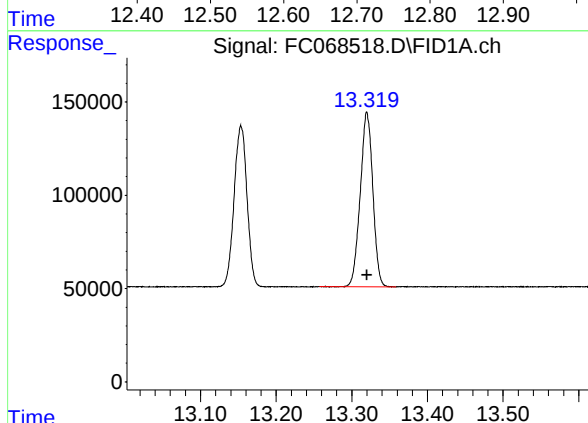
R.T.: 11.720 min
Delta R.T.: 0.000 min
Response: 1388282
Conc: 10.98 ug/ml

Instrument :
FID_C
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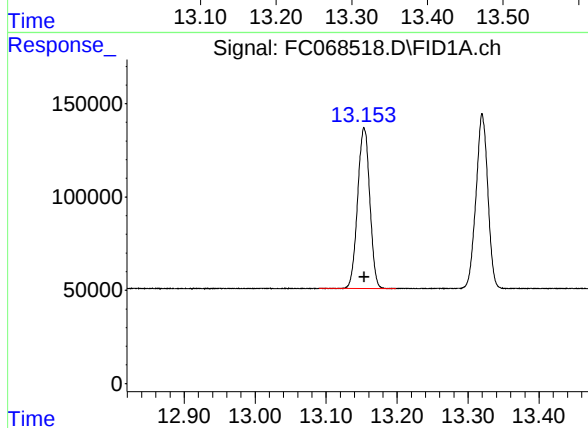
#10 n-Eicosane (C20)

R.T.: 12.707 min
Delta R.T.: 0.000 min
Response: 1092518
Conc: 11.15 ug/ml



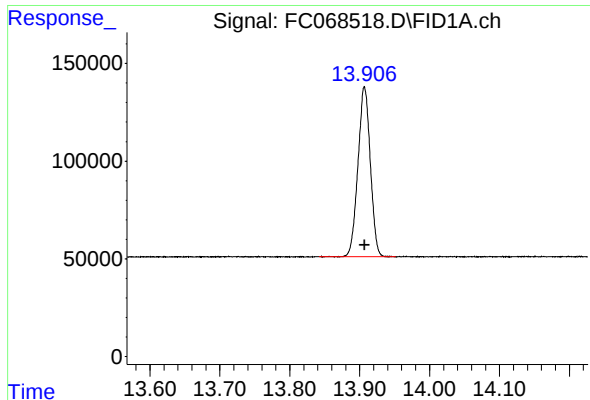
#11 n-Heneicosane (C21)

R.T.: 13.320 min
Delta R.T.: 0.000 min
Response: 1082284
Conc: 11.15 ug/ml



#12 1-chlorooctadecane (SURR)

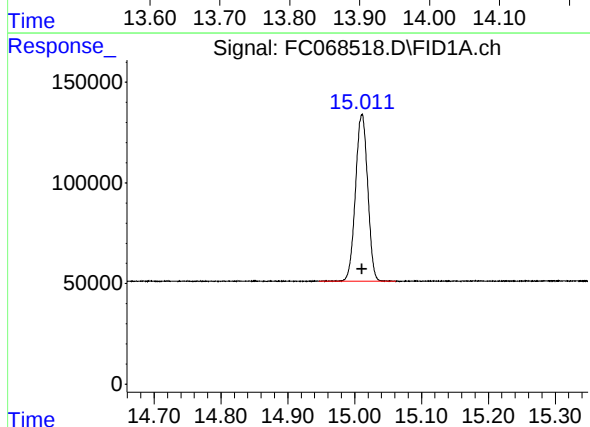
R.T.: 13.154 min
Delta R.T.: 0.000 min
Response: 1026505
Conc: 11.08 ug/ml



#13 n-Docosane (C22)

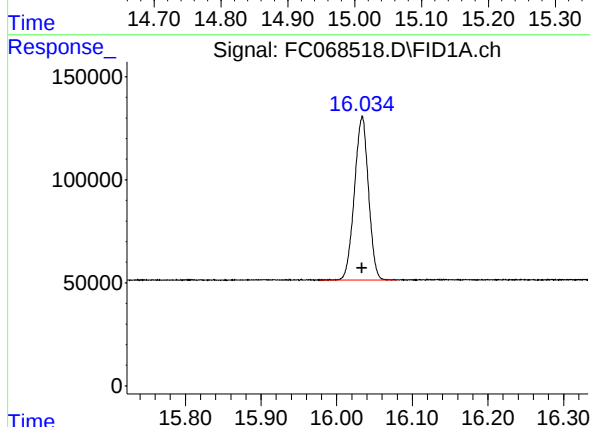
R.T.: 13.907 min
Delta R.T.: 0.000 min
Response: 1070404
Conc: 11.12 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



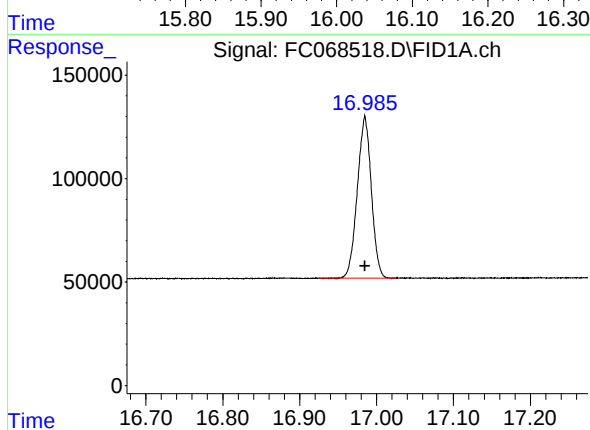
#14 n-Tetracosane (C24)

R.T.: 15.011 min
Delta R.T.: 0.000 min
Response: 1051523
Conc: 11.08 ug/ml



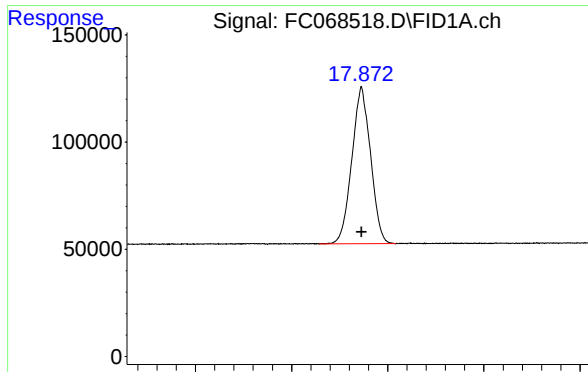
#15 n-Hexacosane (C26)

R.T.: 16.034 min
Delta R.T.: 0.000 min
Response: 1022441
Conc: 10.97 ug/ml



#16 n-Octacosane (C28)

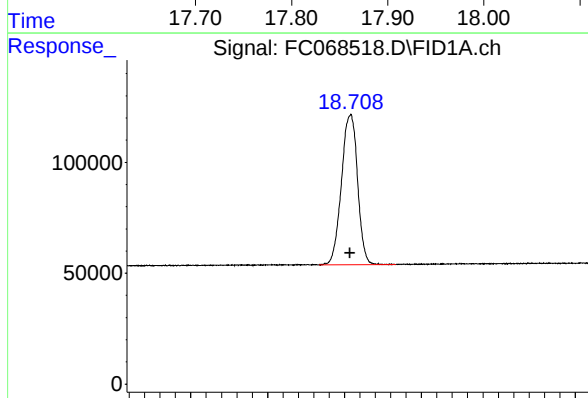
R.T.: 16.985 min
Delta R.T.: 0.000 min
Response: 993075
Conc: 10.89 ug/ml



#17 n-Tricontane (C30)

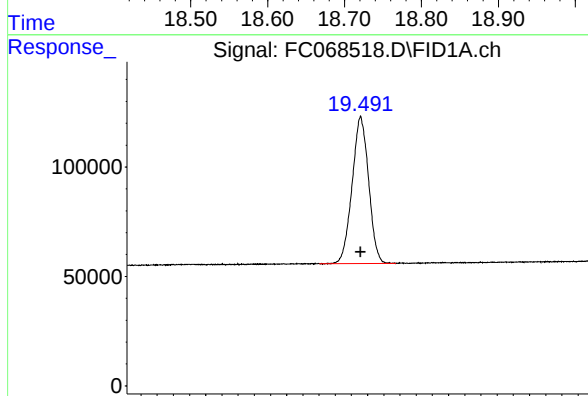
R.T.: 17.873 min
Delta R.T.: 0.000 min
Response: 990582
Conc: 10.83 ug/ml

Instrument :
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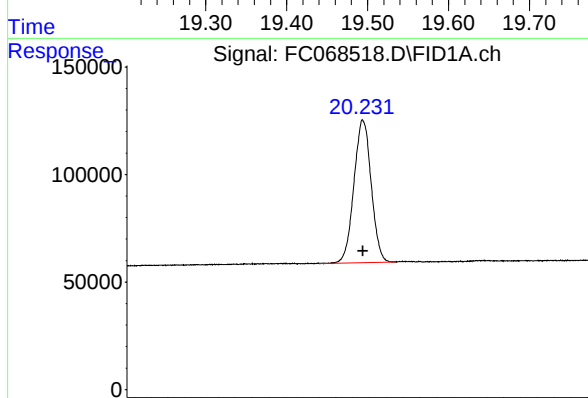
#18 n-Dotriacontane (C32)

R.T.: 18.707 min
Delta R.T.: 0.000 min
Response: 985052
Conc: 10.82 ug/ml



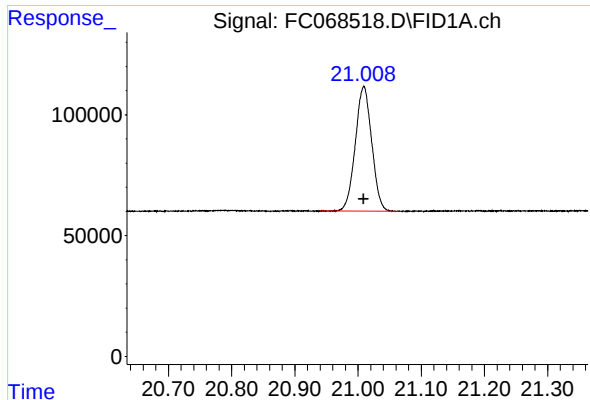
#19 n-Tetatriacontane (C34)

R.T.: 19.492 min
Delta R.T.: 0.000 min
Response: 949339
Conc: 10.71 ug/ml



#20 n-Hexatriacontane (C36)

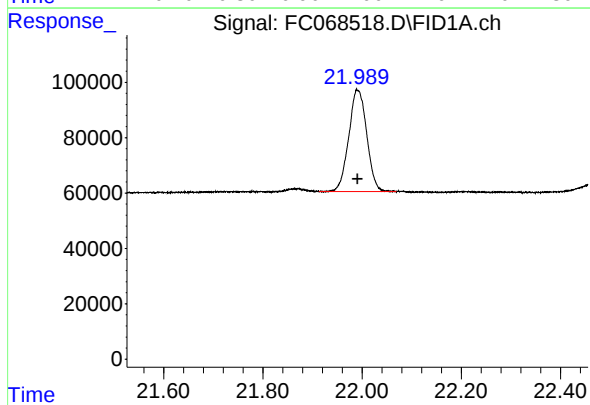
R.T.: 20.233 min
Delta R.T.: 0.000 min
Response: 947135
Conc: 10.65 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.009 min
Delta R.T.: 0.000 min
Response: 932368
Conc: 10.63 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



#22 n-Tetracontane (C40)

R.T.: 21.991 min
Delta R.T.: 0.000 min
Response: 924309
Conc: 10.56 ug/ml