

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121024AL\
 Data File : FC067964.D
 Signal(s) : FID1A.ch
 Acq On : 10 Dec 2024 06:37
 Operator : YP/AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
 Quant Time: Dec 10 07:48:44 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 121024.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 10 07:47:35 2024
 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)	11.469	1802533	10.363 ug/ml
Spiked Amount 50.000		Recovery =	20.73%
12) S 1-chlorooctadecane (S...	12.909	1327156	10.299 ug/ml
Spiked Amount 50.000		Recovery =	20.60%
Target Compounds			
1) T n-Nonane (C9)	3.252	1623015	10.312 ug/ml
2) T n-Decane (C10)	4.314	1654011	10.292 ug/ml
3) T A~Naphthalene (C11.7)	5.889	1815911	10.260 ug/ml
4) T n-Dodecane (C12)	6.328	1679969	10.270 ug/ml
5) T A~2-methylnaphthalene...	6.944	1727677	10.112 ug/ml
6) T n-Tetradecane (C14)	8.121	1651716	10.234 ug/ml
7) T n-Hexadecane (C16)	9.719	1670857	10.205 ug/ml
8) T n-Octadecane (C18)	11.159	1670725	10.243 ug/ml
10) T n-Eicosane (C20)	12.467	1572180	10.342 ug/ml
11) T n-Heneicosane (C21)	13.078	1525125	10.339 ug/ml
13) T n-Docosane (C22)	13.664	1490072	10.334 ug/ml
14) T n-Tetracosane (C24)	14.764	1445384	10.350 ug/ml
15) T n-Hexacosane (C26)	15.784	1390261	10.354 ug/ml
16) T n-Octacosane (C28)	16.732	1349238	10.441 ug/ml
17) T n-Tricontane (C30)	17.617	1353242	10.518 ug/ml
18) T n-Dotriacontane (C32)	18.450	1296616	10.554 ug/ml
19) T n-Tetratriacontane (C34)	19.231	1140985	10.546 ug/ml
20) T n-Hexatriacontane (C36)	19.970	982778	10.410 ug/ml
21) T n-Octatriacontane (C38)	20.690	943772	10.457 ug/ml
22) T n-Tetracontane (C40)	21.567	911825	10.368 ug/ml

(f)=RT Delta > 1/2 Window

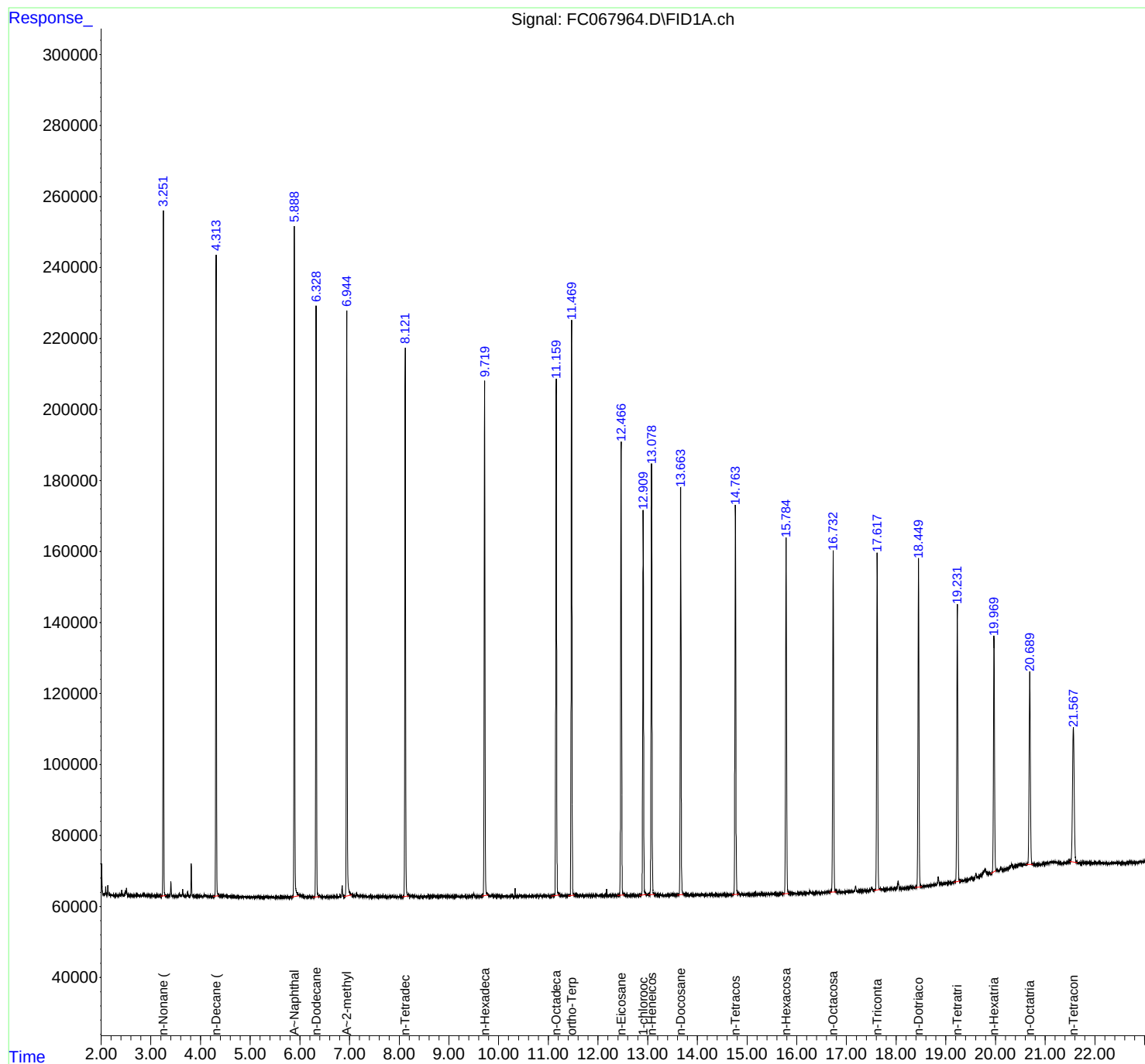
(m)=manual int.

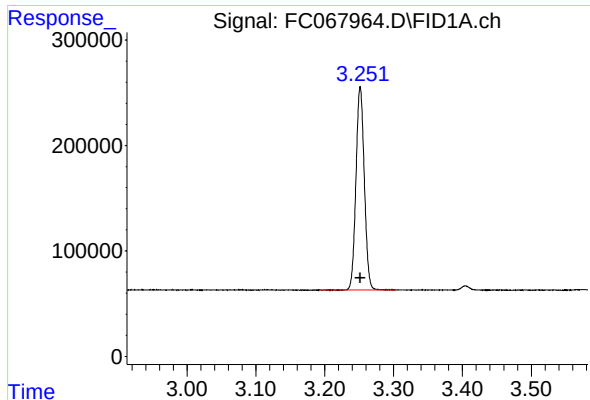
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121024AL\
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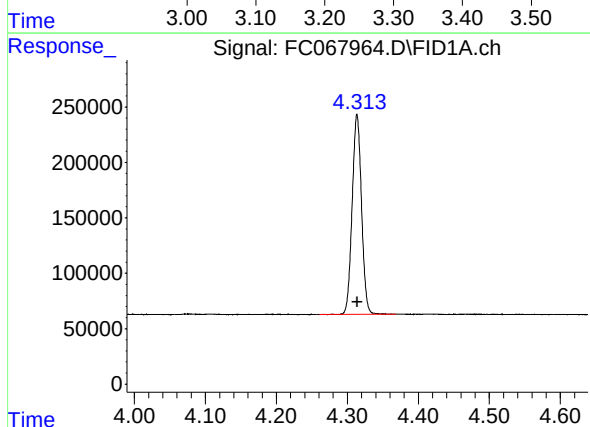




#1 n-Nonane (C9)

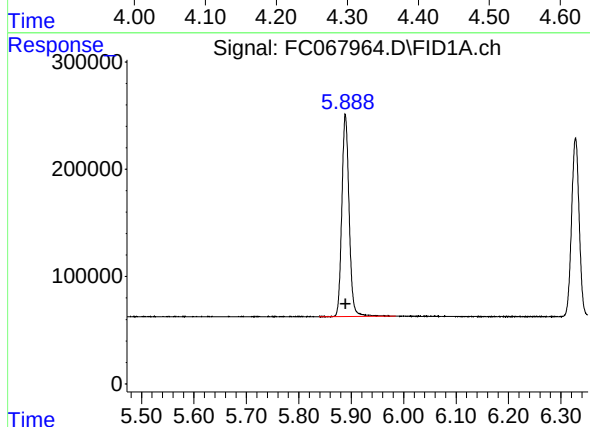
R.T.: 3.252 min
Delta R.T.: 0.000 min
Response: 1623015
Conc: 10.31 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



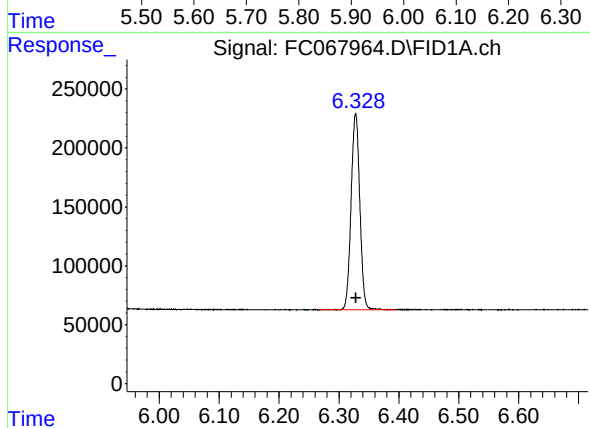
#2 n-Decane (C10)

R.T.: 4.314 min
Delta R.T.: 0.000 min
Response: 1654011
Conc: 10.29 ug/ml



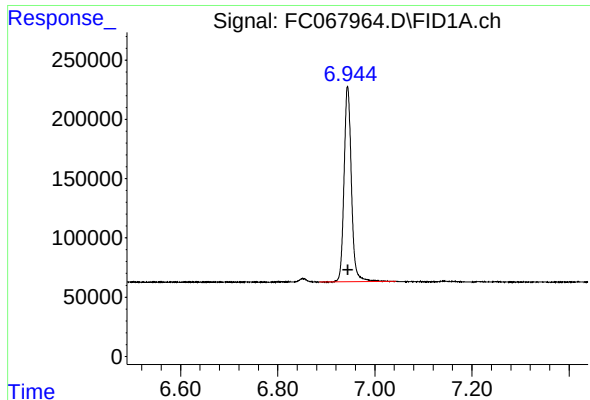
#3 A~Naphthalene (C11.7)

R.T.: 5.889 min
Delta R.T.: 0.000 min
Response: 1815911
Conc: 10.26 ug/ml



#4 n-Dodecane (C12)

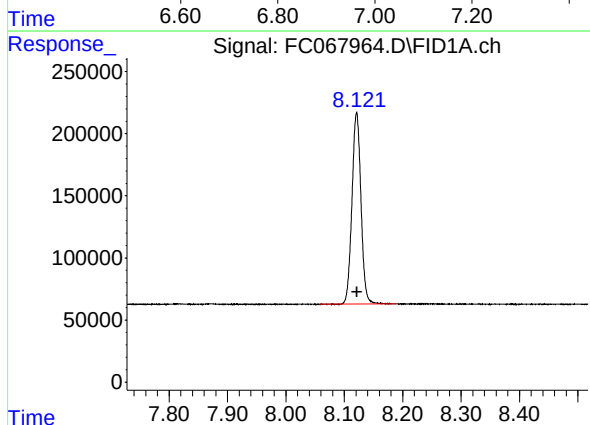
R.T.: 6.328 min
Delta R.T.: 0.000 min
Response: 1679969
Conc: 10.27 ug/ml



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

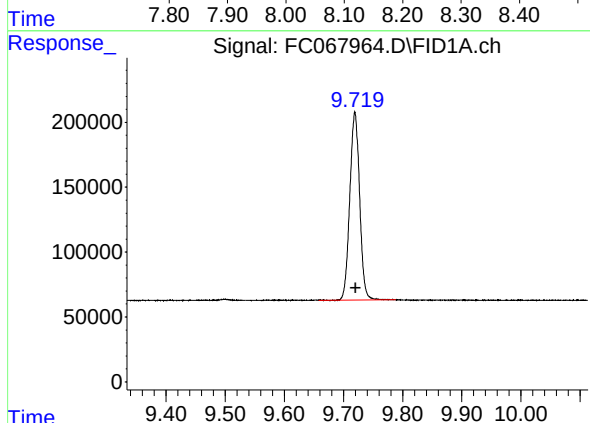
R.T.: 6.944 min
Delta R.T.: 0.000 min
Response: 1727677
Conc: 10.11 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



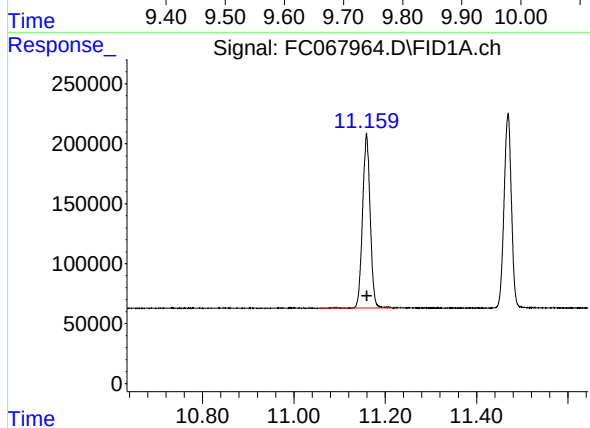
#6 n-Tetradecane (C14)

R.T.: 8.121 min
Delta R.T.: 0.000 min
Response: 1651716
Conc: 10.23 ug/ml



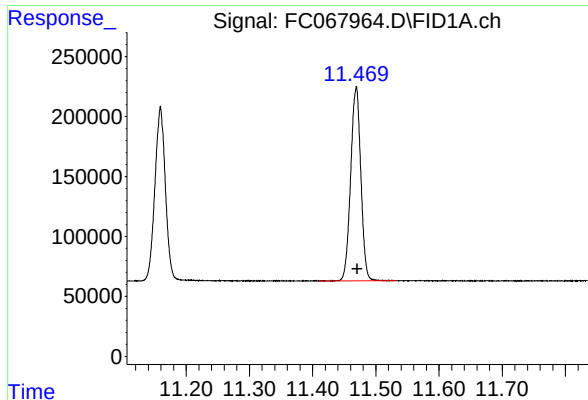
#7 n-Hexadecane (C16)

R.T.: 9.719 min
Delta R.T.: -0.001 min
Response: 1670857
Conc: 10.21 ug/ml



#8 n-Octadecane (C18)

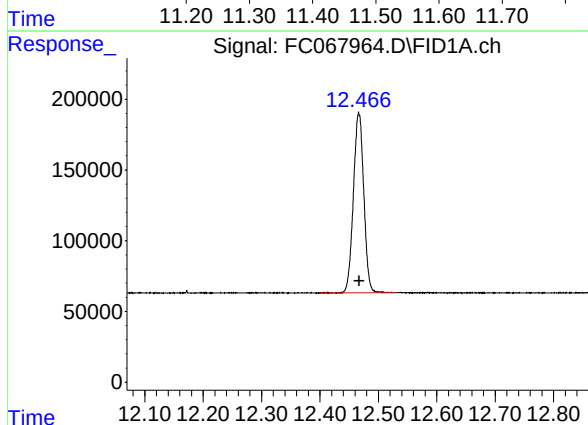
R.T.: 11.159 min
Delta R.T.: -0.001 min
Response: 1670725
Conc: 10.24 ug/ml



#9 ortho-Terphenyl (SURR)

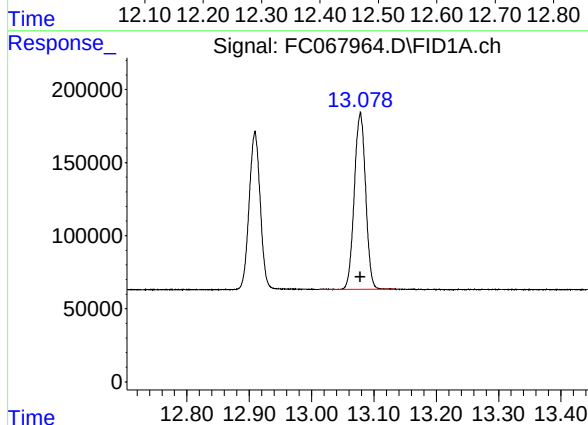
R.T.: 11.469 min
Delta R.T.: -0.002 min
Response: 1802533
Conc: 10.36 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



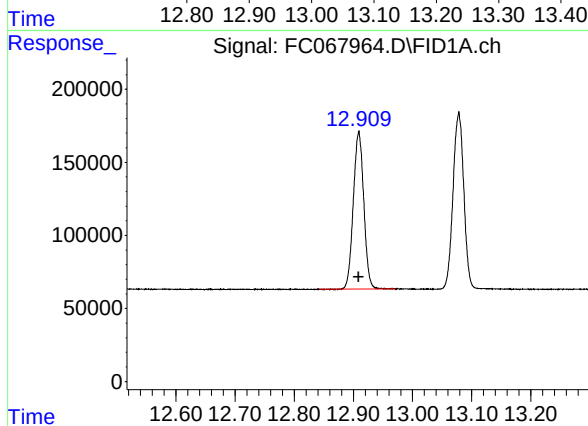
#10 n-Eicosane (C20)

R.T.: 12.467 min
Delta R.T.: 0.000 min
Response: 1572180
Conc: 10.34 ug/ml



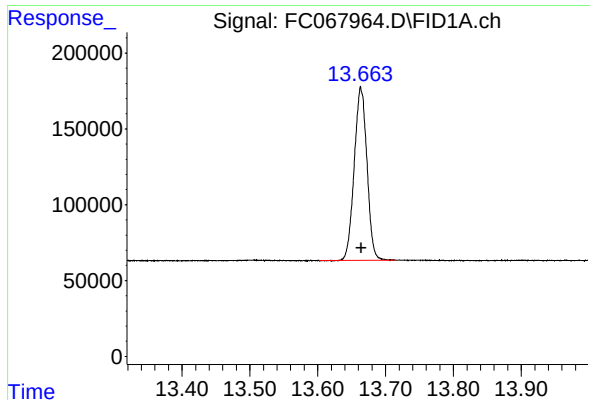
#11 n-Heneicosane (C21)

R.T.: 13.078 min
Delta R.T.: 0.000 min
Response: 1525125
Conc: 10.34 ug/ml



#12 1-chlorooctadecane (SURR)

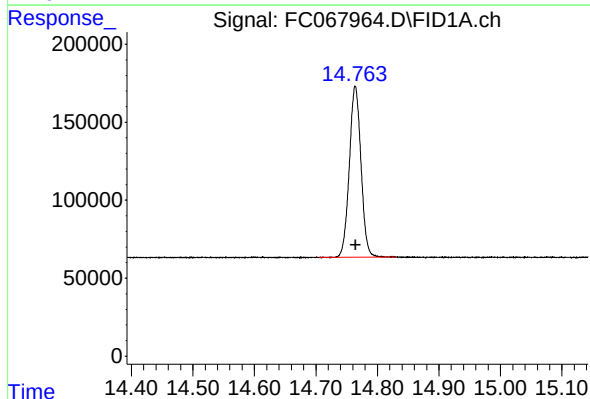
R.T.: 12.909 min
Delta R.T.: 0.000 min
Response: 1327156
Conc: 10.30 ug/ml



#13 n-Docosane (C22)

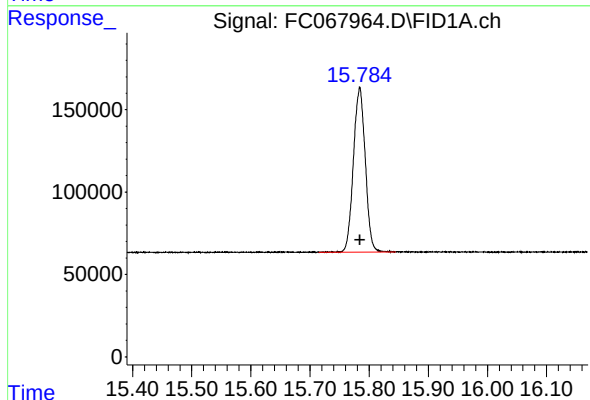
R.T.: 13.664 min
Delta R.T.: 0.000 min
Response: 1490072
Conc: 10.33 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



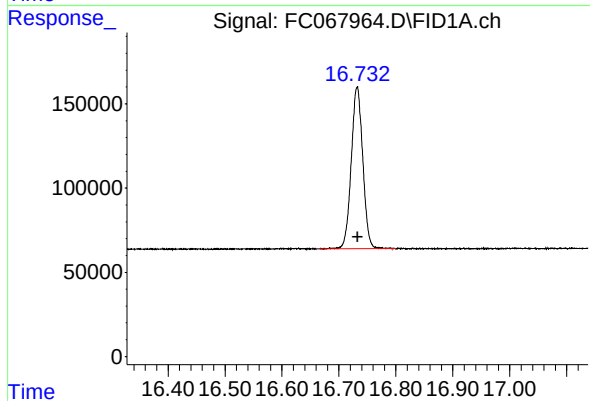
#14 n-Tetracosane (C24)

R.T.: 14.764 min
Delta R.T.: 0.000 min
Response: 1445384
Conc: 10.35 ug/ml



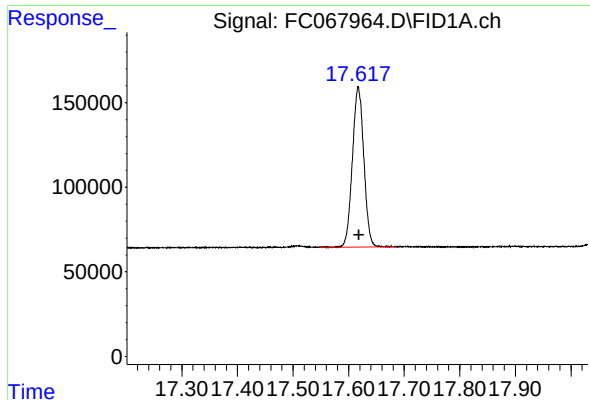
#15 n-Hexacosane (C26)

R.T.: 15.784 min
Delta R.T.: 0.000 min
Response: 1390261
Conc: 10.35 ug/ml



#16 n-Octacosane (C28)

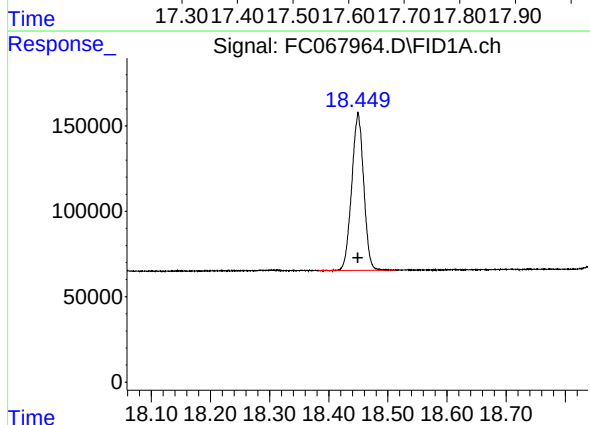
R.T.: 16.732 min
Delta R.T.: 0.000 min
Response: 1349238
Conc: 10.44 ug/ml



#17 n-Tricontane (C30)

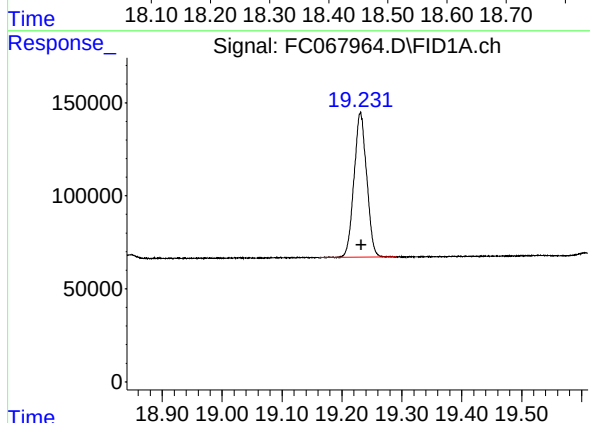
R.T.: 17.617 min
Delta R.T.: -0.001 min
Response: 1353242
Conc: 10.52 ug/ml

Instrument :
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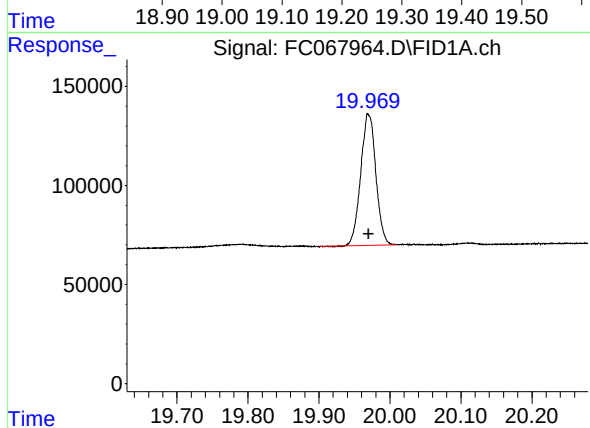
#18 n-Dotriacontane (C32)

R.T.: 18.450 min
Delta R.T.: 0.000 min
Response: 1296616
Conc: 10.55 ug/ml



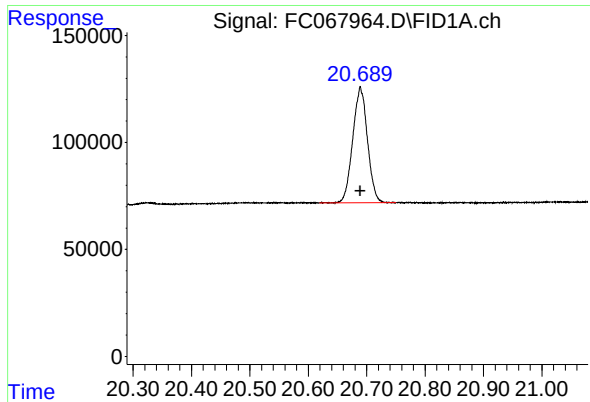
#19 n-Tetatriacontane (C34)

R.T.: 19.231 min
Delta R.T.: -0.001 min
Response: 1140985
Conc: 10.55 ug/ml



#20 n-Hexatriacontane (C36)

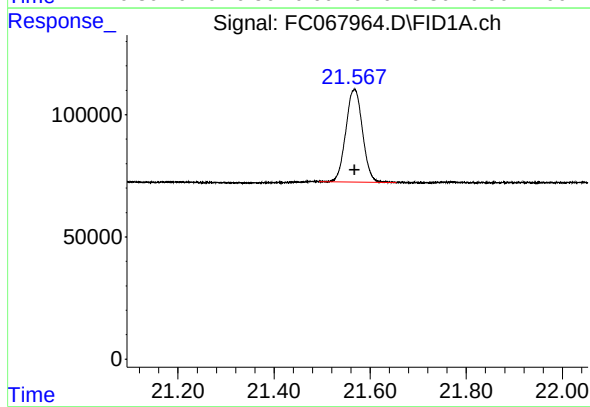
R.T.: 19.970 min
Delta R.T.: 0.000 min
Response: 982778
Conc: 10.41 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.690 min
Delta R.T.: 0.000 min
Response: 943772
Conc: 10.46 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



#22 n-Tetracontane (C40)

R.T.: 21.567 min
Delta R.T.: 0.000 min
Response: 911825
Conc: 10.37 ug/ml