

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061724AL\
 Data File : FC066612.D
 Signal(s) : FID1A.ch
 Acq On : 17 Jun 2024 12:29
 Operator : YP/AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
 Quant Time: Jun 17 13:10:06 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061724.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 17 13:09:57 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)	11.544	1818823	10.767 ug/ml
Spiked Amount 50.000		Recovery =	21.53%
12) S 1-chlorooctadecane (S...	12.984	1464501	10.828 ug/ml
Spiked Amount 50.000		Recovery =	21.66%
Target Compounds			
1) T n-Nonane (C9)	3.299	1534550	10.851 ug/ml
2) T n-Decane (C10)	4.367	1575795	10.841 ug/ml
3) T A~Naphthalene (C11.7)	5.953	1722394	10.877 ug/ml
4) T n-Dodecane (C12)	6.387	1597784	10.815 ug/ml
5) T A~2-methylnaphthalene...	7.011	1670489	10.767 ug/ml
6) T n-Tetradecane (C14)	8.184	1595969	10.763 ug/ml
7) T n-Hexadecane (C16)	9.786	1687285	10.755 ug/ml
8) T n-Octadecane (C18)	11.229	1758731	10.810 ug/ml
10) T n-Eicosane (C20)	12.539	1726157	10.840 ug/ml
11) T n-Heneicosane (C21)	13.152	1717689	10.893 ug/ml
13) T n-Docosane (C22)	13.738	1713161	10.919 ug/ml
14) T n-Tetracosane (C24)	14.841	1708250	11.028 ug/ml
15) T n-Hexacosane (C26)	15.863	1652065	11.109 ug/ml
16) T n-Octacosane (C28)	16.812	1563137	11.135 ug/ml
17) T n-Tricontane (C30)	17.700	1503984	11.094 ug/ml
18) T n-Dotriacontane (C32)	18.532	1433716	11.175 ug/ml
19) T n-Tetratriacontane (C34)	19.318	1305274	10.875 ug/ml
20) T n-Hexatriacontane (C36)	20.057	1304956	10.987 ug/ml
21) T n-Octatriacontane (C38)	20.790	1222364	10.981 ug/ml
22) T n-Tetracontane (C40)	21.698	1150819	10.643 ug/ml

(f)=RT Delta > 1/2 Window

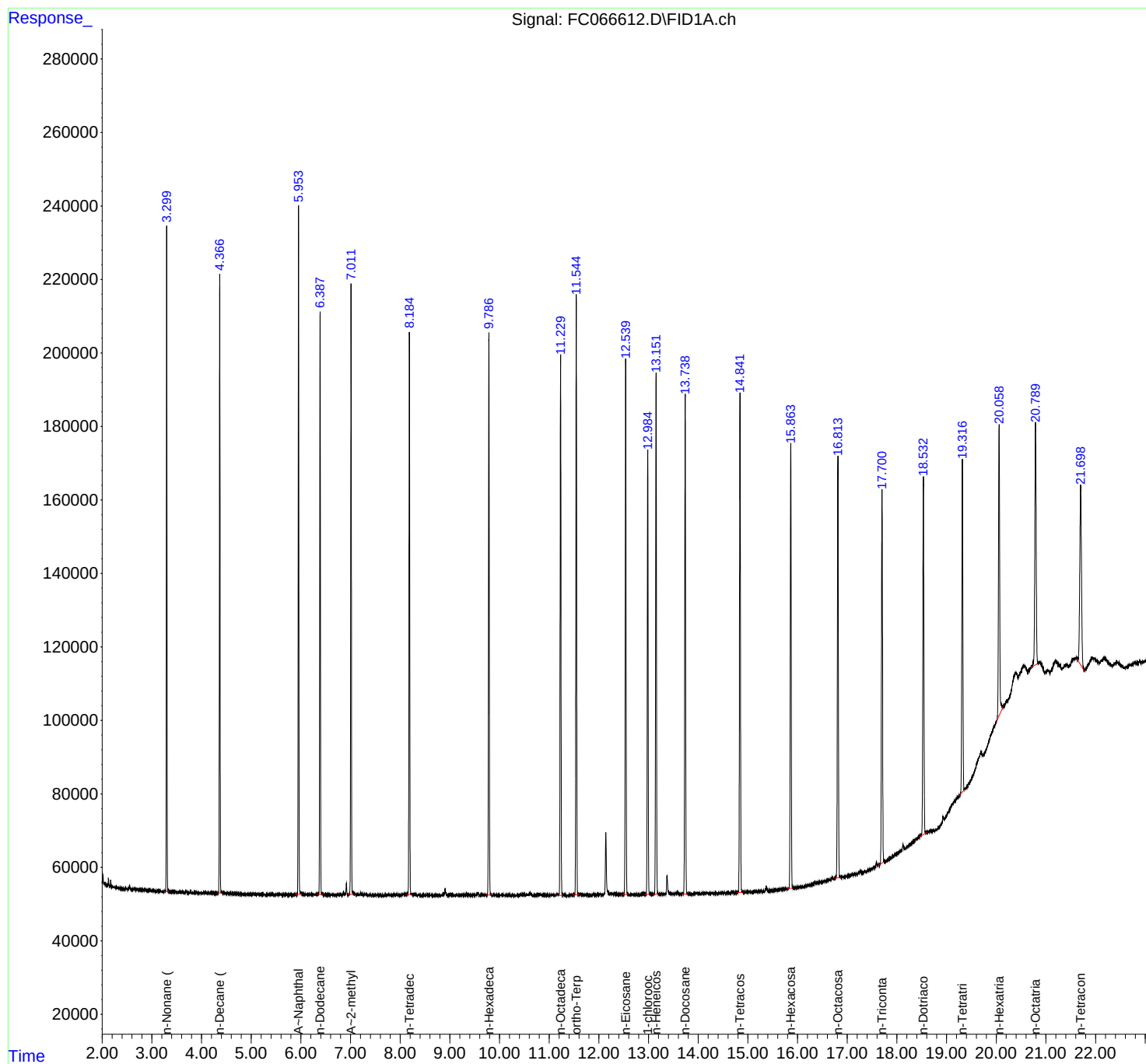
(m)=manual int.

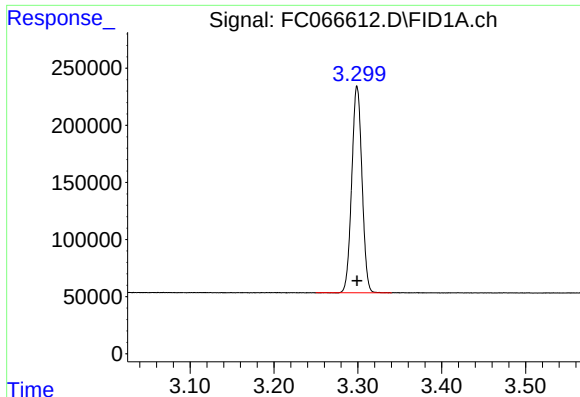
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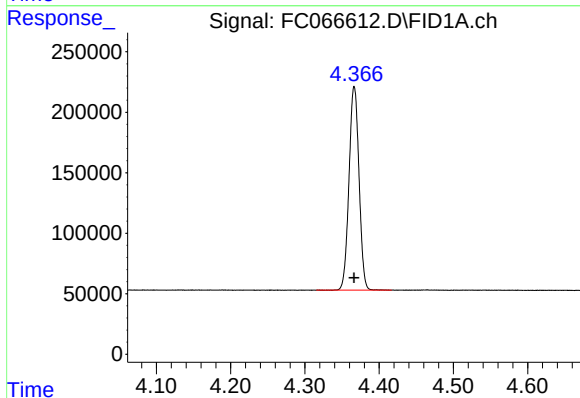




#1 n-Nonane (C9)

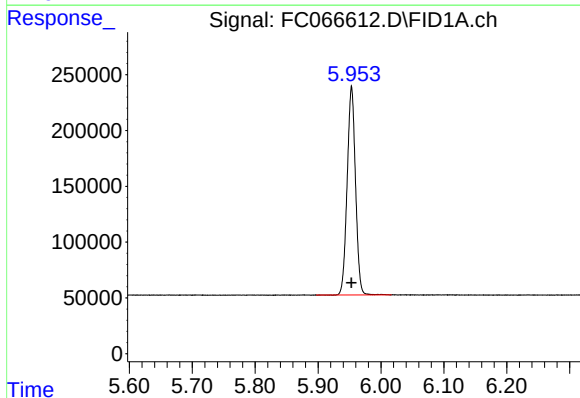
R.T.: 3.299 min
Delta R.T.: 0.000 min
Response: 1534550
Conc: 10.85 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



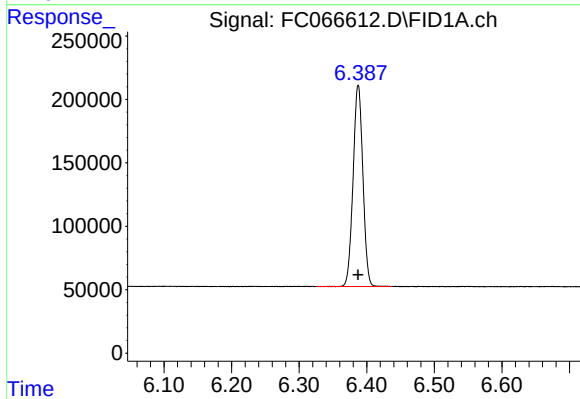
#2 n-Decane (C10)

R.T.: 4.367 min
Delta R.T.: 0.000 min
Response: 1575795
Conc: 10.84 ug/ml



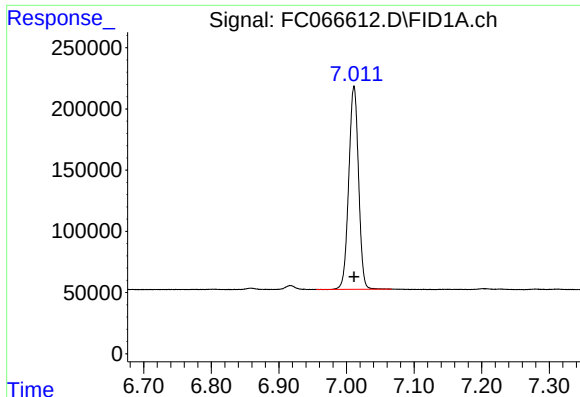
#3 A~Naphthalene (C11.7)

R.T.: 5.953 min
Delta R.T.: 0.000 min
Response: 1722394
Conc: 10.88 ug/ml



#4 n-Dodecane (C12)

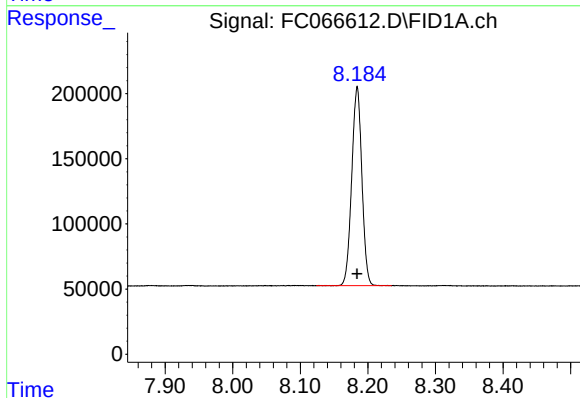
R.T.: 6.387 min
Delta R.T.: 0.000 min
Response: 1597784
Conc: 10.81 ug/ml



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

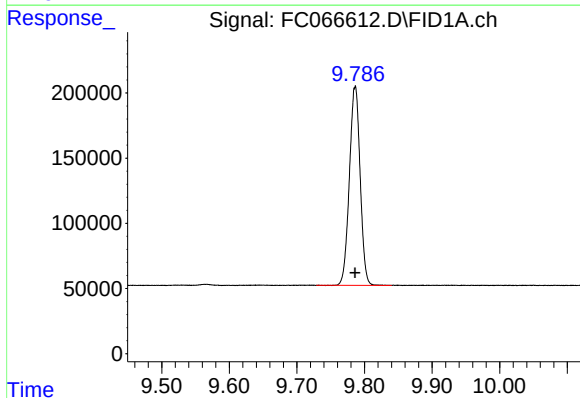
R.T.: 7.011 min
Delta R.T.: 0.000 min
Response: 1670489
Conc: 10.77 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



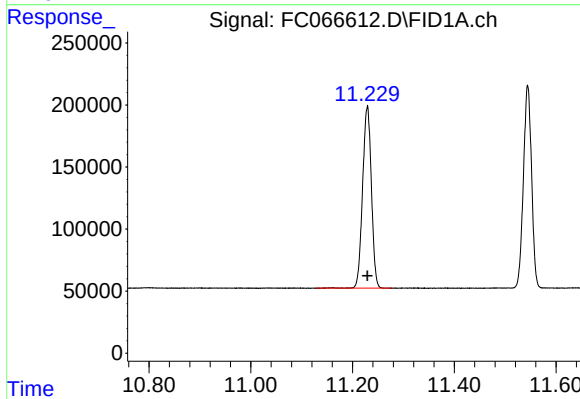
#6 n-Tetradecane (C14)

R.T.: 8.184 min
Delta R.T.: 0.000 min
Response: 1595969
Conc: 10.76 ug/ml



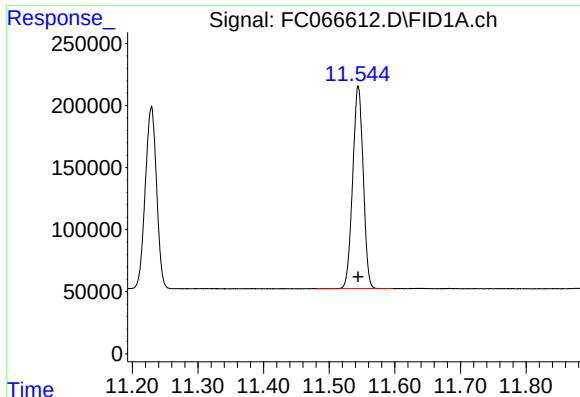
#7 n-Hexadecane (C16)

R.T.: 9.786 min
Delta R.T.: 0.000 min
Response: 1687285
Conc: 10.75 ug/ml



#8 n-Octadecane (C18)

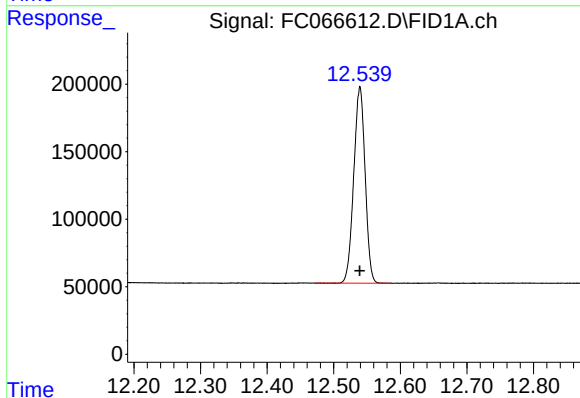
R.T.: 11.229 min
Delta R.T.: 0.000 min
Response: 1758731
Conc: 10.81 ug/ml



#9 ortho-Terphenyl (SURR)

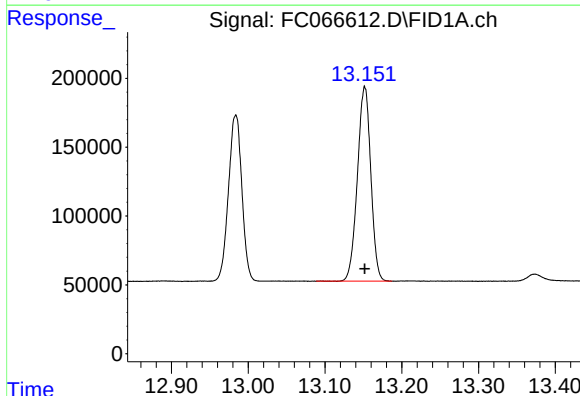
R.T.: 11.544 min
Delta R.T.: 0.000 min
Response: 1818823
Conc: 10.77 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



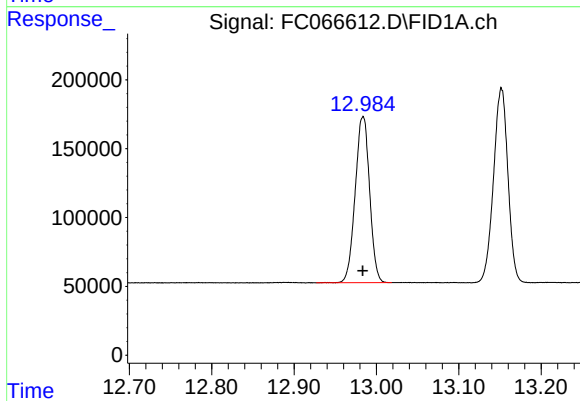
#10 n-Eicosane (C20)

R.T.: 12.539 min
Delta R.T.: 0.000 min
Response: 1726157
Conc: 10.84 ug/ml



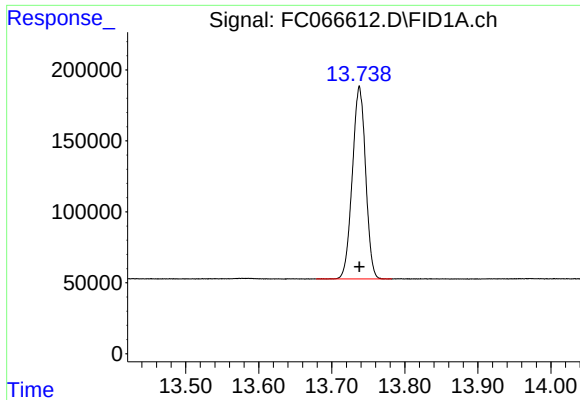
#11 n-Heneicosane (C21)

R.T.: 13.152 min
Delta R.T.: 0.000 min
Response: 1717689
Conc: 10.89 ug/ml



#12 1-chlorooctadecane (SURR)

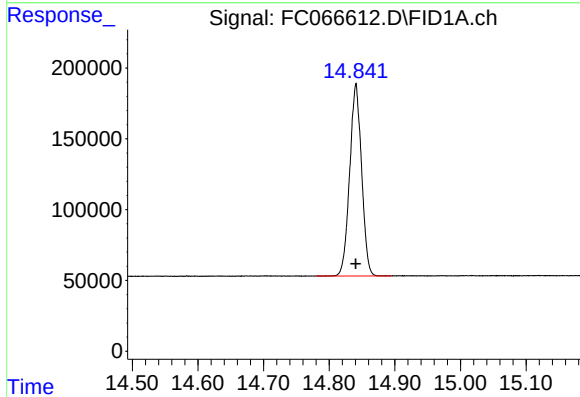
R.T.: 12.984 min
Delta R.T.: 0.000 min
Response: 1464501
Conc: 10.83 ug/ml



#13 n-Docosane (C22)

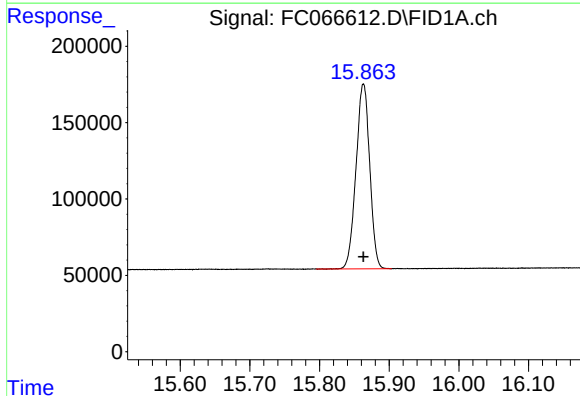
R.T.: 13.738 min
Delta R.T.: 0.000 min
Response: 1713161
Conc: 10.92 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



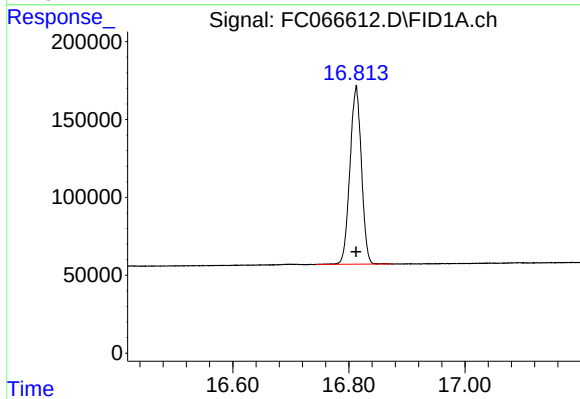
#14 n-Tetracosane (C24)

R.T.: 14.841 min
Delta R.T.: 0.000 min
Response: 1708250
Conc: 11.03 ug/ml



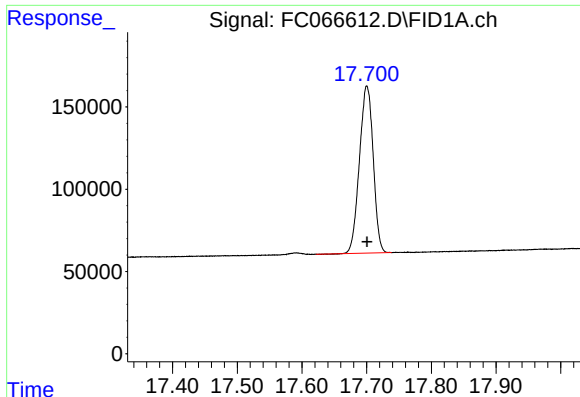
#15 n-Hexacosane (C26)

R.T.: 15.863 min
Delta R.T.: 0.000 min
Response: 1652065
Conc: 11.11 ug/ml



#16 n-Octacosane (C28)

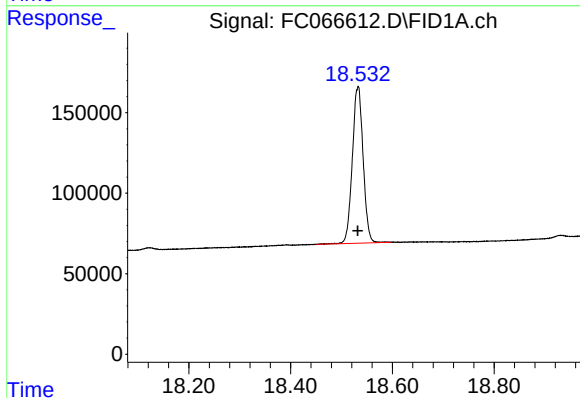
R.T.: 16.812 min
Delta R.T.: 0.000 min
Response: 1563137
Conc: 11.14 ug/ml



#17 n-Tricontane (C30)

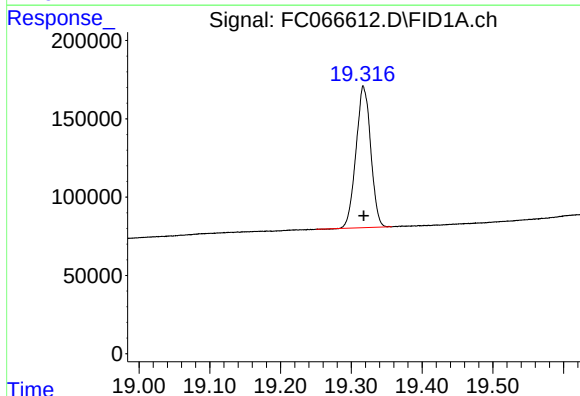
R.T.: 17.700 min
Delta R.T.: 0.000 min
Response: 1503984
Conc: 11.09 ug/ml

Instrument :
FID_C
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10 PPM ALIPHATIC HC STD4



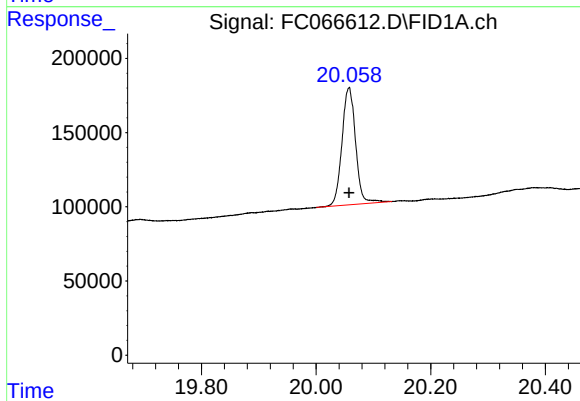
#18 n-Dotriacontane (C32)

R.T.: 18.532 min
Delta R.T.: 0.000 min
Response: 1433716
Conc: 11.17 ug/ml



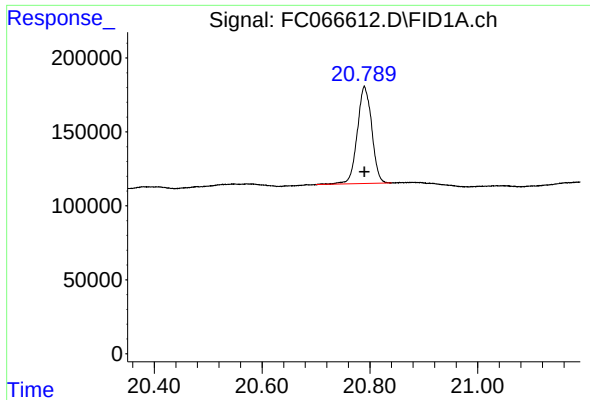
#19 n-Tetratriacontane (C34)

R.T.: 19.318 min
Delta R.T.: 0.000 min
Response: 1305274
Conc: 10.87 ug/ml



#20 n-Hexatriacontane (C36)

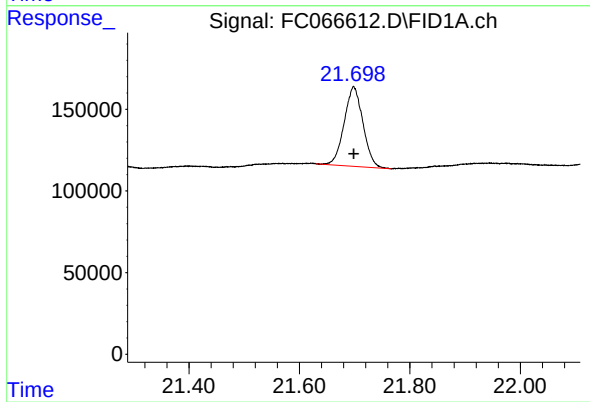
R.T.: 20.057 min
Delta R.T.: 0.000 min
Response: 1304956
Conc: 10.99 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.790 min
Delta R.T.: 0.000 min
Response: 1222364
Conc: 10.98 ug/ml

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10 PPM ALIPHATIC HC STD4



#22 n-Tetracontane (C40)

R.T.: 21.698 min
Delta R.T.: 0.000 min
Response: 1150819
Conc: 10.64 ug/ml