

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061824AL\
 Data File : FC066626.D
 Signal(s) : FID1A.ch
 Acq On : 18 Jun 2024 14:34
 Operator : YP/AJ
 Sample : PB161539BSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB161539BSD

Integration File: autoint1.e
 Quant Time: Jun 19 03:39:36 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061724.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 17 13:44:39 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)	11.543	5657429	32.799 ug/ml
Spiked Amount 50.000		Recovery =	65.60%
12) S 1-chlorooctadecane (S...	12.981	4748208	34.412 ug/ml
Spiked Amount 50.000		Recovery =	68.82%
Target Compounds			
1) T n-Nonane (C9)	3.311	4457660	30.680 ug/ml
2) T n-Decane (C10)	4.373	4804926	32.213 ug/ml
3) T A~Naphthalene (C11.7)	5.953	5738243	35.342 ug/ml
4) T n-Dodecane (C12)	6.387	4864364	32.096 ug/ml
5) T A~2-methylnaphthalene...	7.010	5782134	36.396 ug/ml
6) T n-Tetradecane (C14)	8.184	5123511	33.777 ug/ml
7) T n-Hexadecane (C16)	9.785	5289406	33.020 ug/ml
8) T n-Octadecane (C18)	11.228	5367470	32.349 ug/ml
10) T n-Eicosane (C20)	12.538	5466719	33.628 ug/ml
11) T n-Heneicosane (C21)	13.150	5305846	32.930 ug/ml
13) T n-Docosane (C22)	13.736	5275959	32.909 ug/ml
14) T n-Tetracosane (C24)	14.838	4520295	28.482 ug/ml
15) T n-Hexacosane (C26)	15.861	5103743	33.425 ug/ml
16) T n-Octacosane (C28)	16.809	4966049	34.427 ug/ml
17) T n-Tricontane (C30)	17.697	4816716	34.476 ug/ml
18) T n-Dotriacontane (C32)	18.530	4668564	35.375 ug/ml
19) T n-Tetratriacontane (C34)	19.312	4552045	36.807 ug/ml
20) T n-Hexatriacontane (C36)	20.052	4408556	36.580 ug/ml
21) T n-Octatriacontane (C38)	20.784	4125699	36.080 ug/ml
22) T n-Tetracontane (C40)	21.692	3843779	34.225 ug/ml

(f)=RT Delta > 1/2 Window

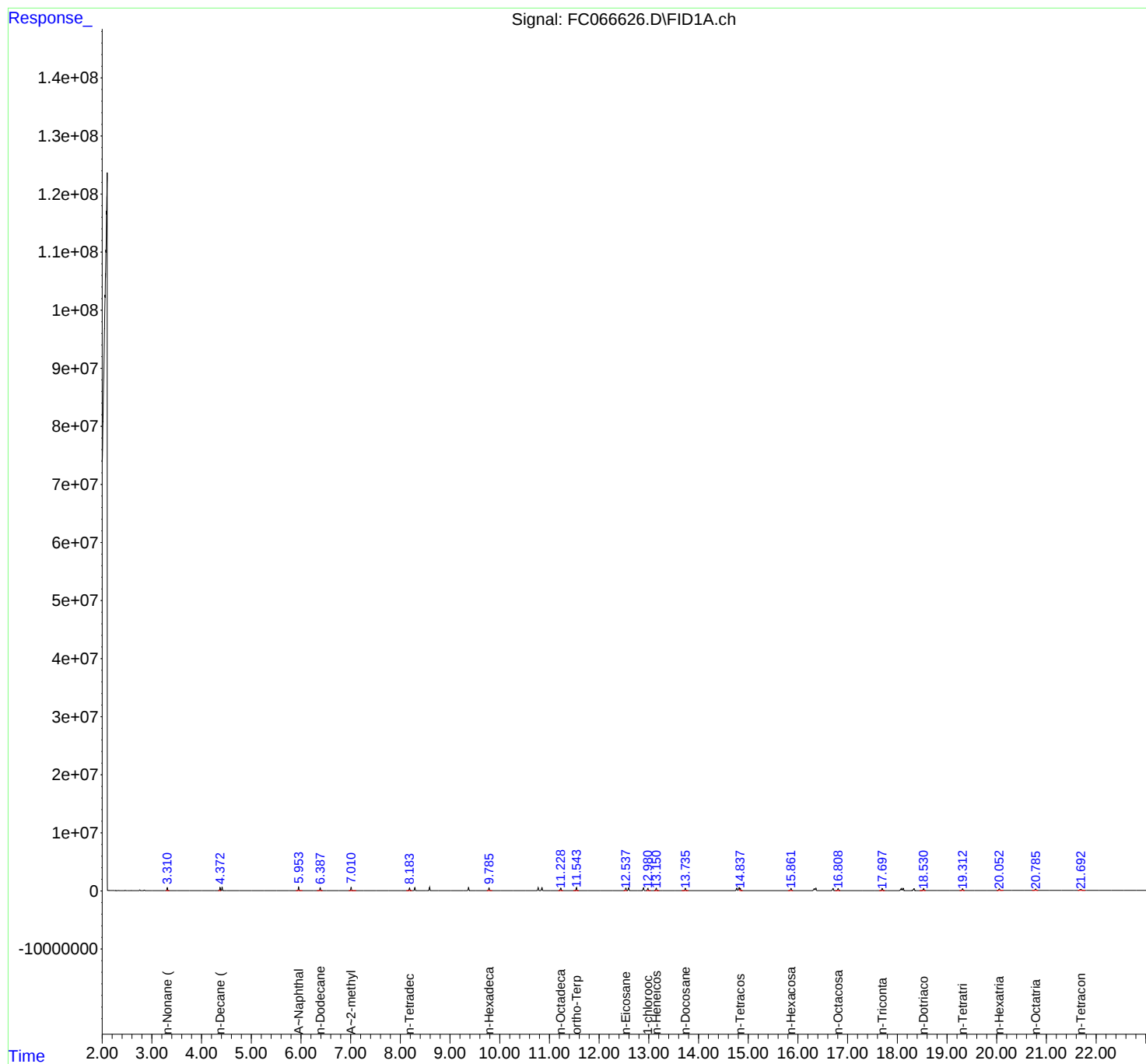
(m)=manual int.

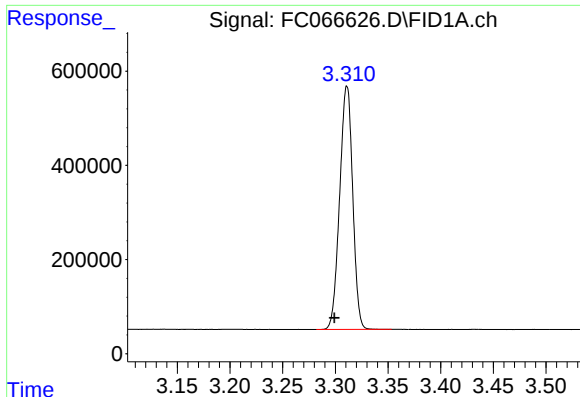
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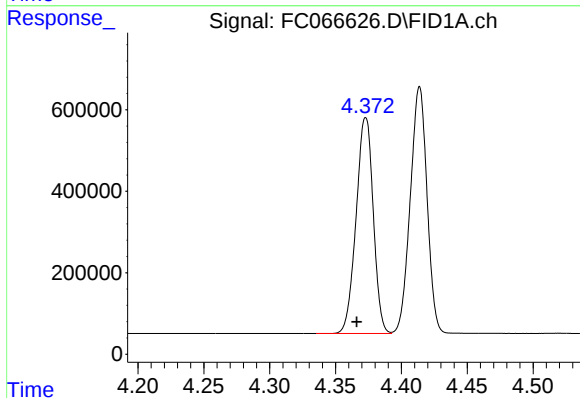




#1 n-Nonane (C9)

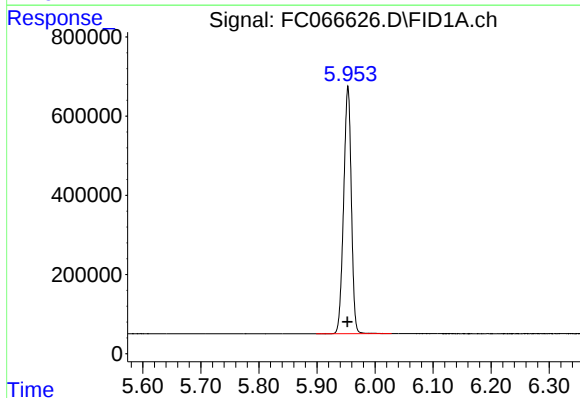
R.T.: 3.311 min
Delta R.T.: 0.012 min
Response: 4457660
Conc: 30.68 ug/ml

Instrument :
FID_C
ClientSampleId :
PB161539BSD



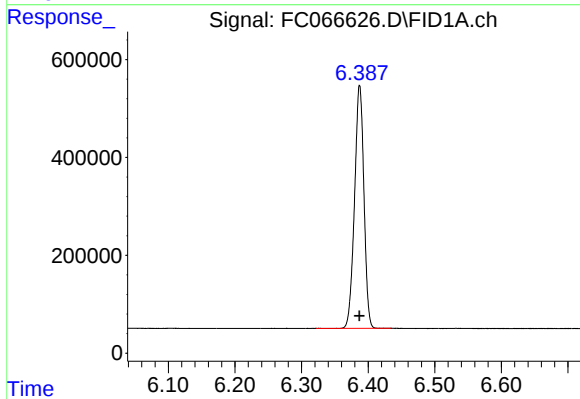
#2 n-Decane (C10)

R.T.: 4.373 min
Delta R.T.: 0.007 min
Response: 4804926
Conc: 32.21 ug/ml



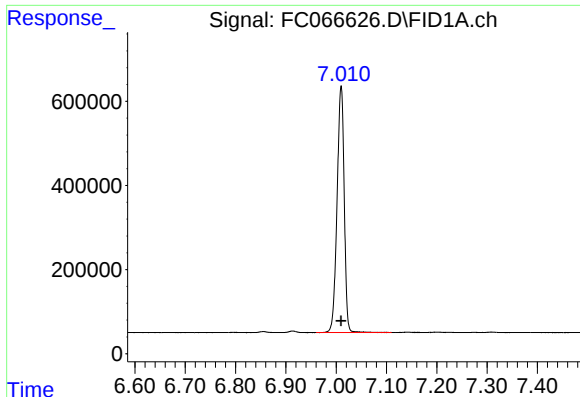
#3 A~Naphthalene (C11.7)

R.T.: 5.953 min
Delta R.T.: 0.000 min
Response: 5738243
Conc: 35.34 ug/ml



#4 n-Dodecane (C12)

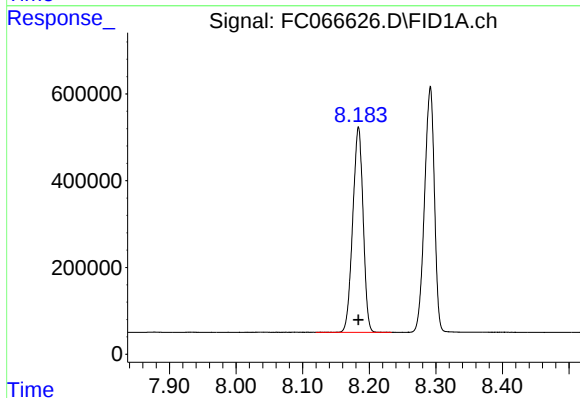
R.T.: 6.387 min
Delta R.T.: 0.000 min
Response: 4864364
Conc: 32.10 ug/ml



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

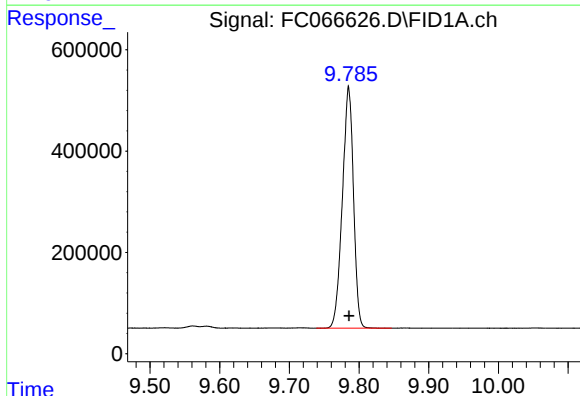
R.T.: 7.010 min
Delta R.T.: 0.000 min
Response: 5782134
Conc: 36.40 ug/ml

Instrument :
FID_C
ClientSampleId :
PB161539BSD



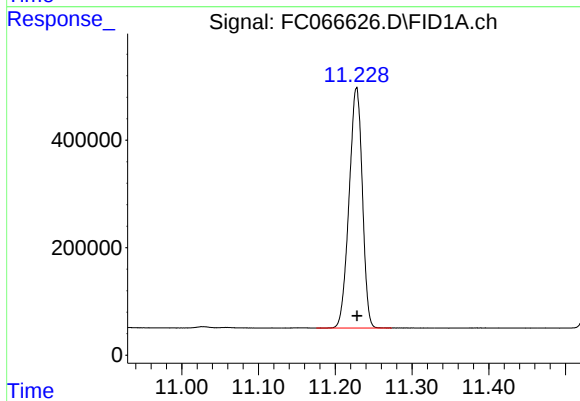
#6 n-Tetradecane (C14)

R.T.: 8.184 min
Delta R.T.: 0.000 min
Response: 5123511
Conc: 33.78 ug/ml



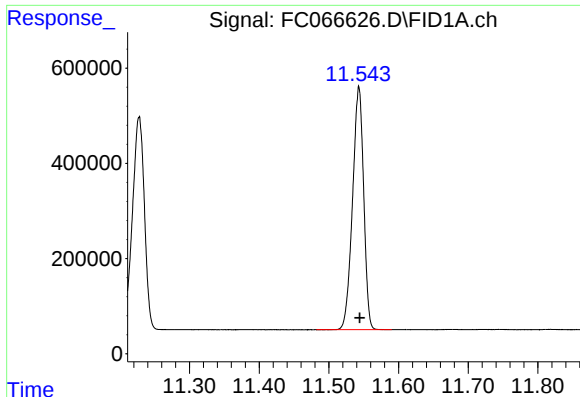
#7 n-Hexadecane (C16)

R.T.: 9.785 min
Delta R.T.: 0.000 min
Response: 5289406
Conc: 33.02 ug/ml



#8 n-Octadecane (C18)

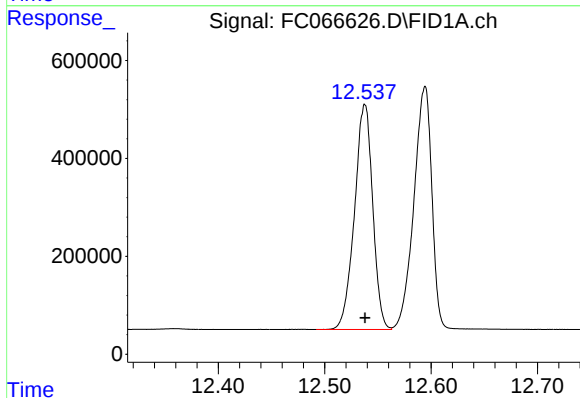
R.T.: 11.228 min
Delta R.T.: 0.000 min
Response: 5367470
Conc: 32.35 ug/ml



#9 ortho-Terphenyl (SURR)

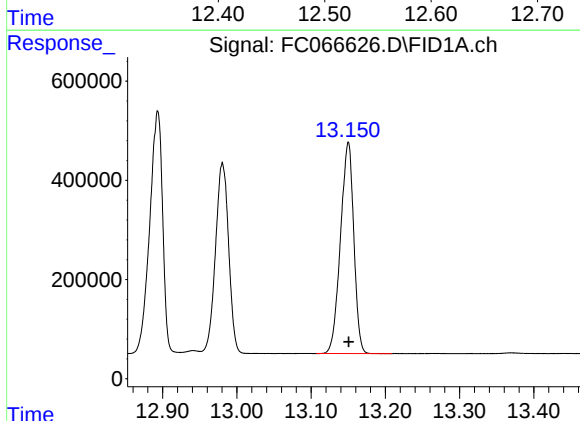
R.T.: 11.543 min
Delta R.T.: -0.001 min
Response: 5657429
Conc: 32.80 ug/ml

Instrument :
FID_C
ClientSampleId :
PB161539BSD



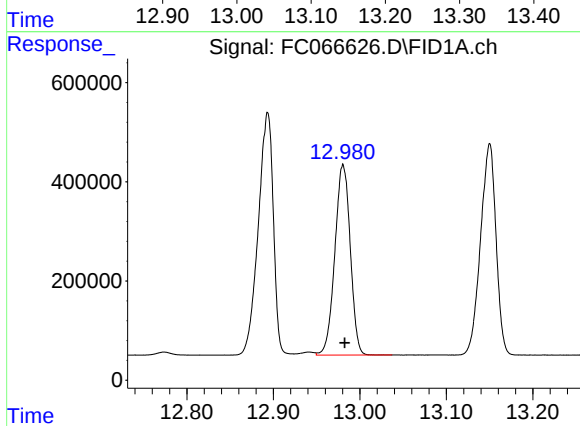
#10 n-Eicosane (C20)

R.T.: 12.538 min
Delta R.T.: 0.000 min
Response: 5466719
Conc: 33.63 ug/ml



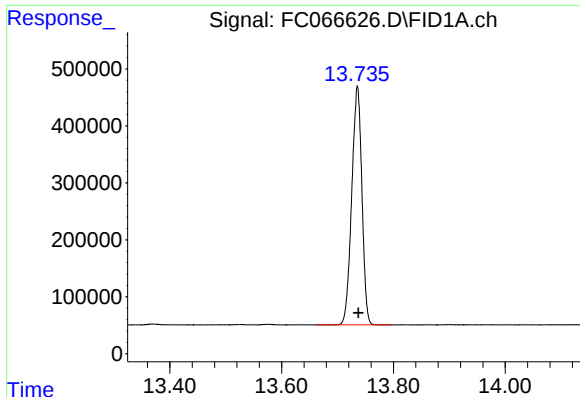
#11 n-Heneicosane (C21)

R.T.: 13.150 min
Delta R.T.: 0.000 min
Response: 5305846
Conc: 32.93 ug/ml



#12 1-chlorooctadecane (SURR)

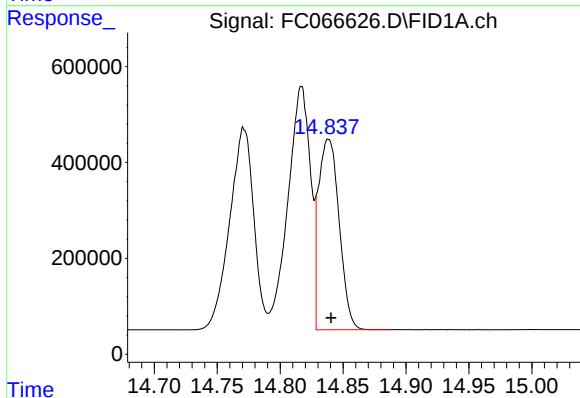
R.T.: 12.981 min
Delta R.T.: -0.002 min
Response: 4748208
Conc: 34.41 ug/ml



#13 n-Docosane (C22)

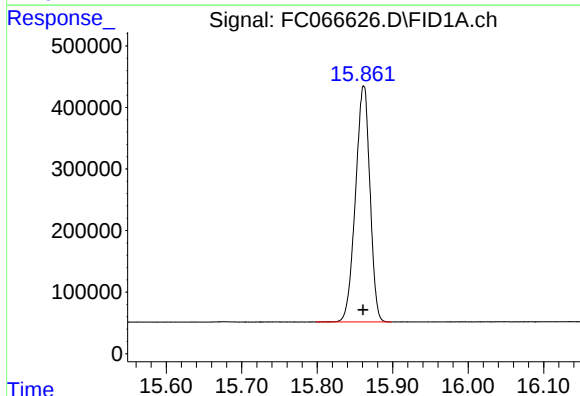
R.T.: 13.736 min
Delta R.T.: -0.002 min
Response: 5275959
Conc: 32.91 ug/ml

Instrument :
FID_C
ClientSampleId :
PB161539BSD



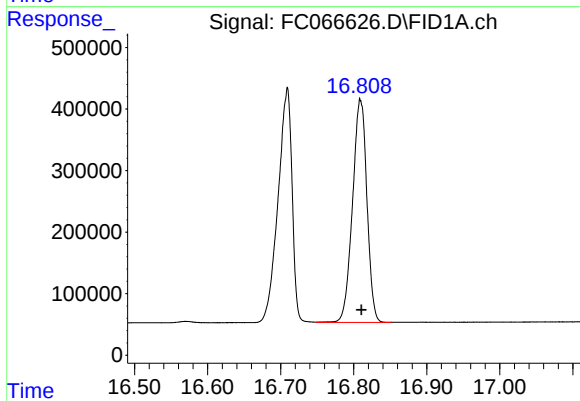
#14 n-Tetracosane (C24)

R.T.: 14.838 min
Delta R.T.: -0.002 min
Response: 4520295
Conc: 28.48 ug/ml



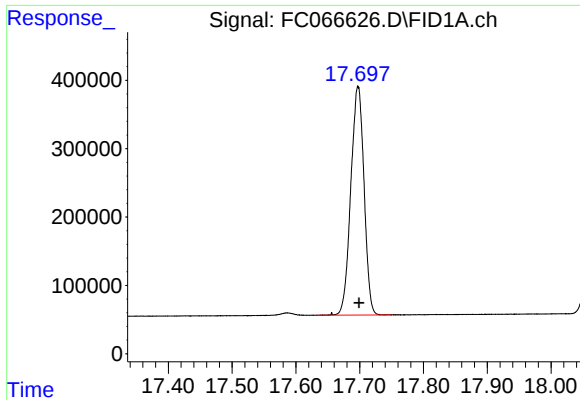
#15 n-Hexacosane (C26)

R.T.: 15.861 min
Delta R.T.: 0.000 min
Response: 5103743
Conc: 33.42 ug/ml



#16 n-Octacosane (C28)

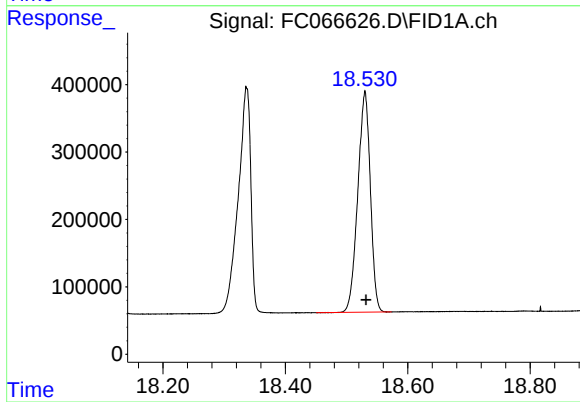
R.T.: 16.809 min
Delta R.T.: -0.001 min
Response: 4966049
Conc: 34.43 ug/ml



#17 n-Tricontane (C30)

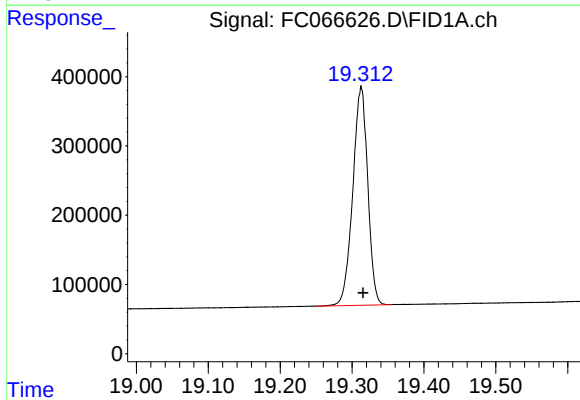
R.T.: 17.697 min
Delta R.T.: -0.002 min
Response: 4816716
Conc: 34.48 ug/ml

Instrument :
FID_C
ClientSampleId :
PB161539BSD



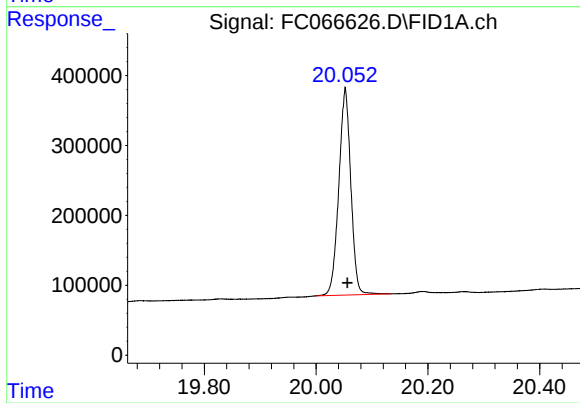
#18 n-Dotriacontane (C32)

R.T.: 18.530 min
Delta R.T.: -0.002 min
Response: 4668564
Conc: 35.38 ug/ml



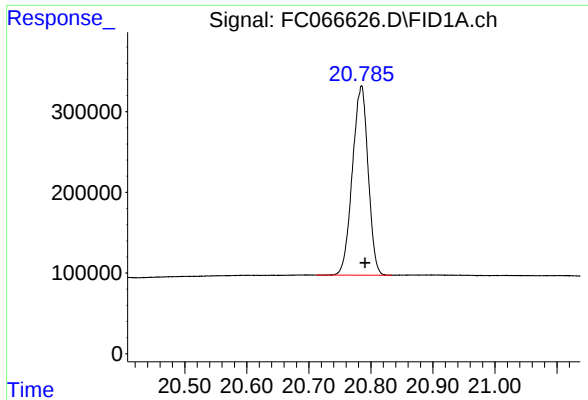
#19 n-Tetratriacontane (C34)

R.T.: 19.312 min
Delta R.T.: -0.003 min
Response: 4552045
Conc: 36.81 ug/ml



#20 n-Hexatriacontane (C36)

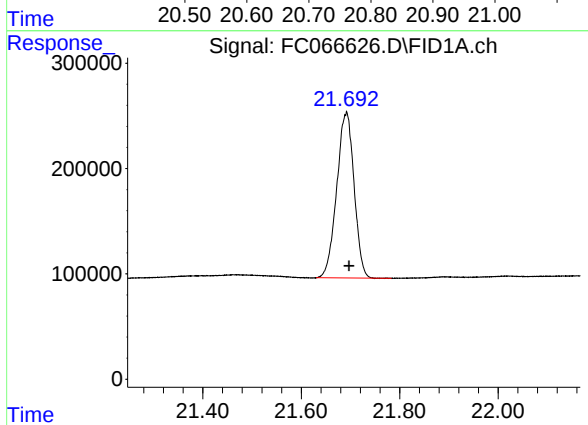
R.T.: 20.052 min
Delta R.T.: -0.004 min
Response: 4408556
Conc: 36.58 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.784 min
Delta R.T.: -0.007 min
Response: 4125699
Conc: 36.08 ug/ml

Instrument :
FID_C
ClientSampleId :
PB161539BSD



#22 n-Tetracontane (C40)

R.T.: 21.692 min
Delta R.T.: -0.006 min
Response: 3843779
Conc: 34.22 ug/ml