

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042225AL\
 Data File : FC068679.D
 Signal(s) : FID1A.ch
 Acq On : 22 Apr 2025 15:44
 Operator : YP/AJ
 Sample : Q1842-22MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PL-714-32MS

Integration File: autoint1.e
 Quant Time: Apr 23 01:30:38 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 040925.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 08 17:31:27 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)	11.723	3757095	29.505 ug/ml
Spiked Amount 50.000		Recovery =	59.01%
12) S 1-chlorooctadecane (S...	13.156	2958111	31.844 ug/ml
Spiked Amount 50.000		Recovery =	63.69%
Target Compounds			
1) T n-Nonane (C9)	3.450	3195927	30.344 ug/ml
2) T n-Decane (C10)	4.527	3585520	34.031 ug/ml
3) T A~Naphthalene (C11.7)	6.124	4199614	36.060 ug/ml
4) T n-Dodecane (C12)	6.552	3697359	35.158 ug/ml
5) T A~2-methylnaphthalene...	7.183	3878076	33.577 ug/ml
6) T n-Tetradecane (C14)	8.351	3785058	36.818 ug/ml
7) T n-Hexadecane (C16)	9.954	3959164	38.876 ug/ml
8) T n-Octadecane (C18)	11.399	4110433	40.846 ug/ml
10) T n-Eicosane (C20)	12.711	4244748	43.155 ug/ml
11) T n-Heneicosane (C21)	13.324	4057352	41.632 ug/ml
13) T n-Docosane (C22)	13.912	4035938	41.782 ug/ml
14) T n-Tetracosane (C24)	15.011	8517075	89.480 ug/ml
15) T n-Hexacosane (C26)	16.042	3986412	42.679 ug/ml
16) T n-Octacosane (C28)	16.992	4036757	44.090 ug/ml
17) T n-Tricontane (C30)	17.882	4057081	44.131 ug/ml
18) T n-Dotriacontane (C32)	18.716	4044723	44.094 ug/ml
19) T n-Tetratriacontane (C34)	19.502	4077743	45.643 ug/ml
20) T n-Hexatriacontane (C36)	20.244	3930429	43.877 ug/ml
21) T n-Octatriacontane (C38)	21.025	3895736	44.063 ug/ml
22) T n-Tetracontane (C40)	22.009	3890737	44.060 ug/ml

(f)=RT Delta > 1/2 Window

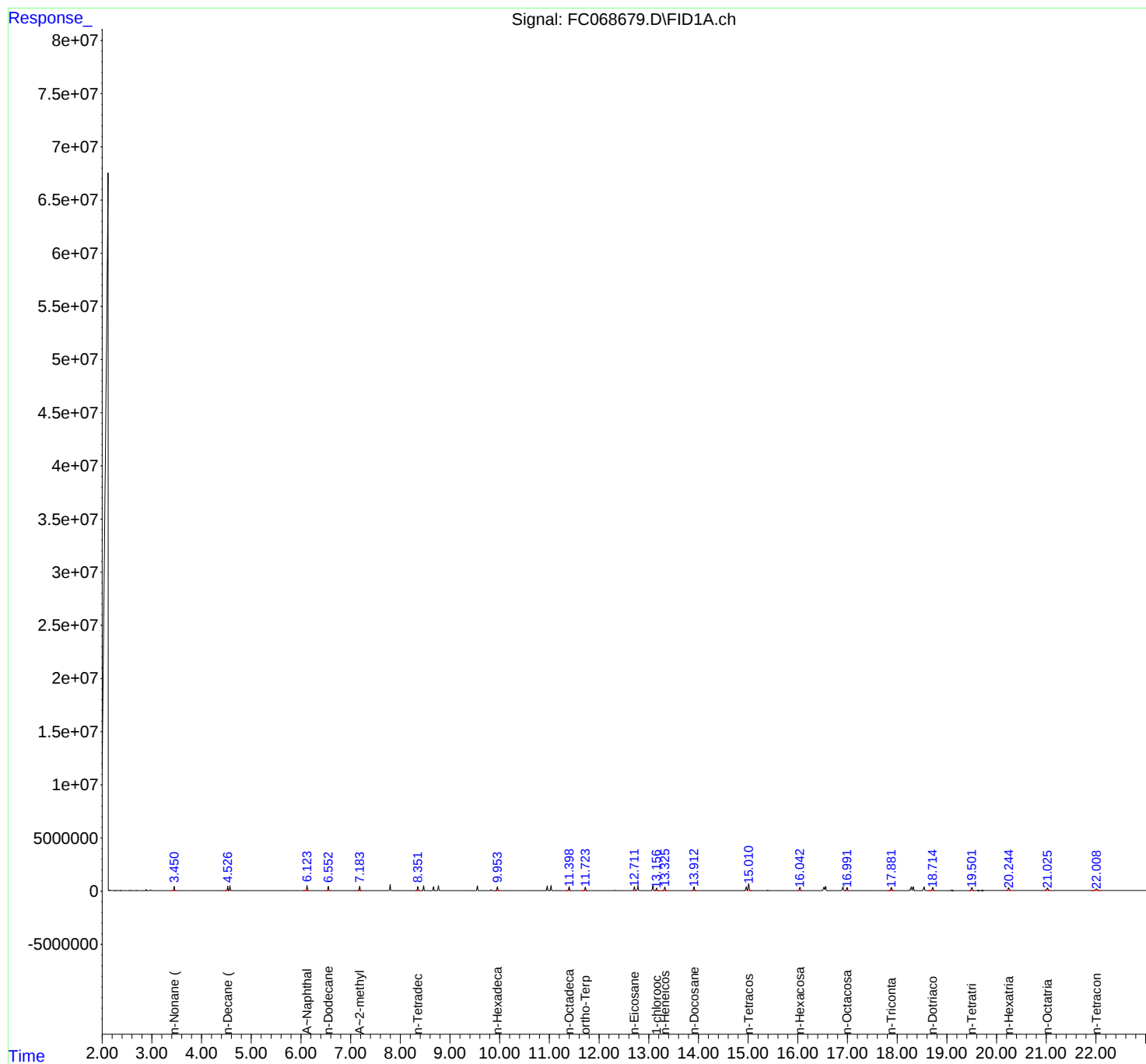
(m)=manual int.

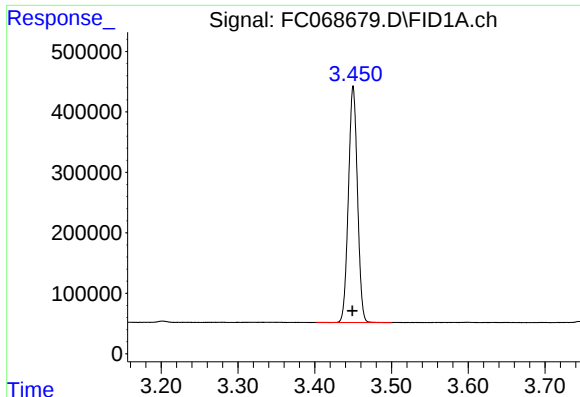
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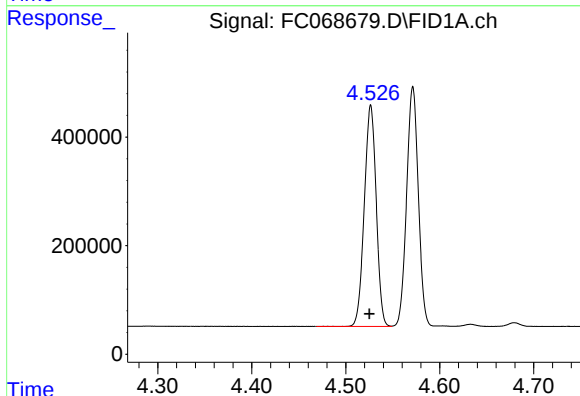




#1 n-Nonane (C9)

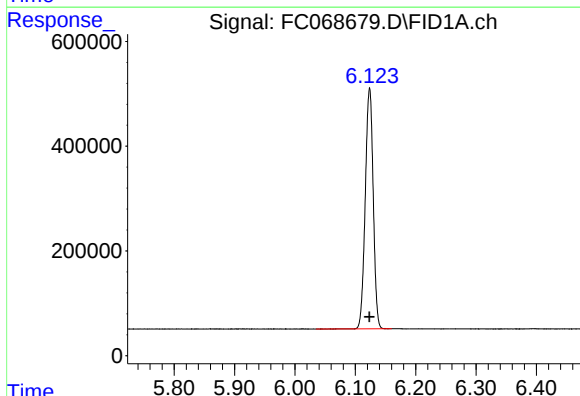
R.T.: 3.450 min
Delta R.T.: 0.001 min
Response: 3195927
Conc: 30.34 ug/ml

Instrument :
FID_C
ClientSampleId :
PL-714-32MS



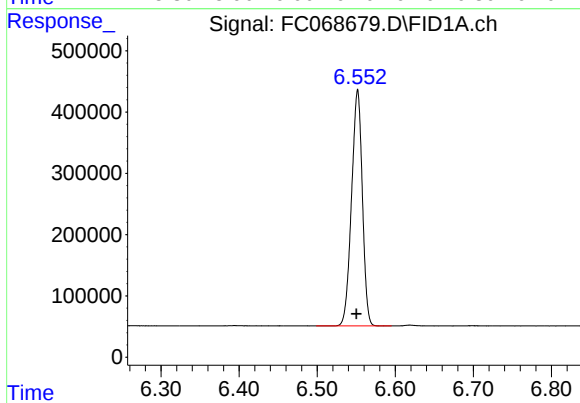
#2 n-Decane (C10)

R.T.: 4.527 min
Delta R.T.: 0.001 min
Response: 3585520
Conc: 34.03 ug/ml



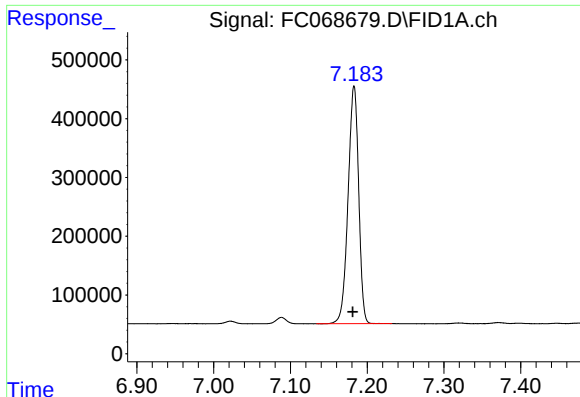
#3 A~Naphthalene (C11.7)

R.T.: 6.124 min
Delta R.T.: 0.000 min
Response: 4199614
Conc: 36.06 ug/ml



#4 n-Dodecane (C12)

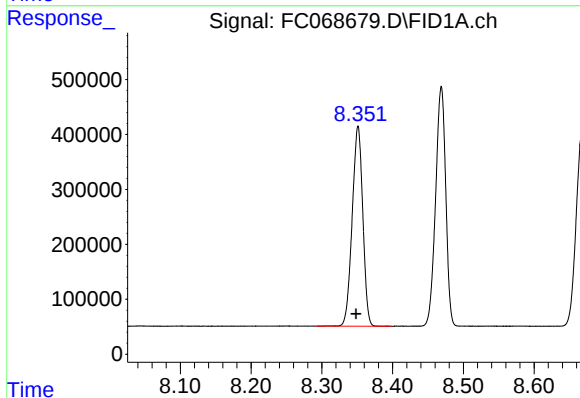
R.T.: 6.552 min
Delta R.T.: 0.001 min
Response: 3697359
Conc: 35.16 ug/ml



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

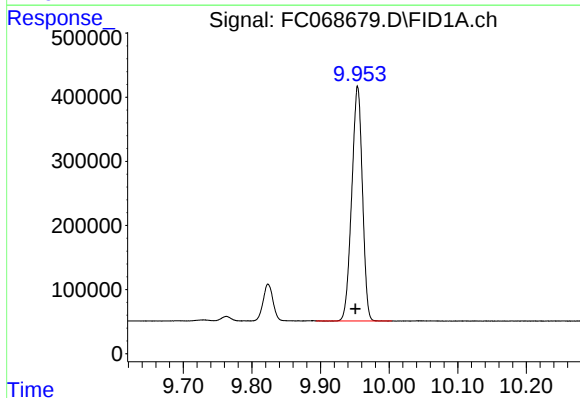
R.T.: 7.183 min
Delta R.T.: 0.002 min
Response: 3878076
Conc: 33.58 ug/ml

Instrument :
FID_C
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PL-714-32MS



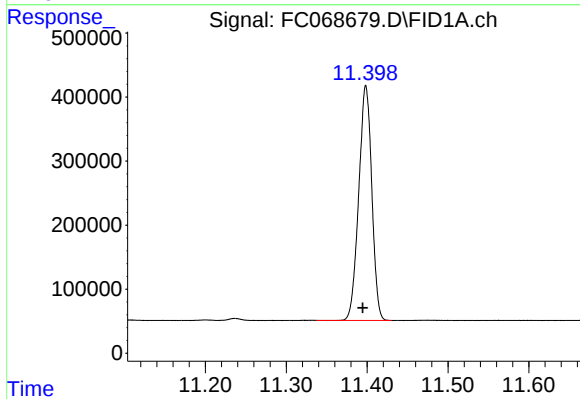
#6 n-Tetradecane (C14)

R.T.: 8.351 min
Delta R.T.: 0.003 min
Response: 3785058
Conc: 36.82 ug/ml



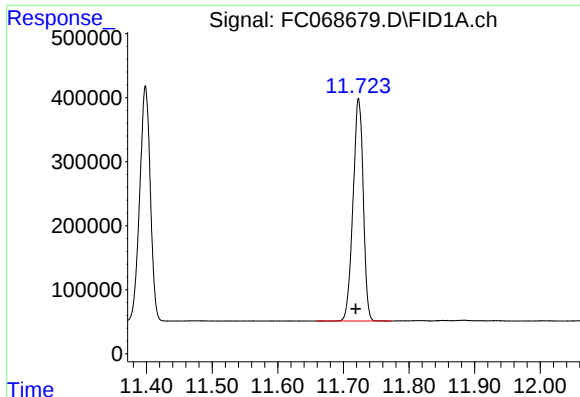
#7 n-Hexadecane (C16)

R.T.: 9.954 min
Delta R.T.: 0.003 min
Response: 3959164
Conc: 38.88 ug/ml



#8 n-Octadecane (C18)

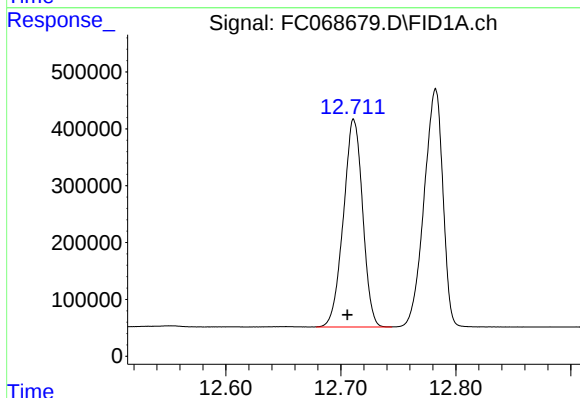
R.T.: 11.399 min
Delta R.T.: 0.004 min
Response: 4110433
Conc: 40.85 ug/ml



#9 ortho-Terphenyl (SURR)

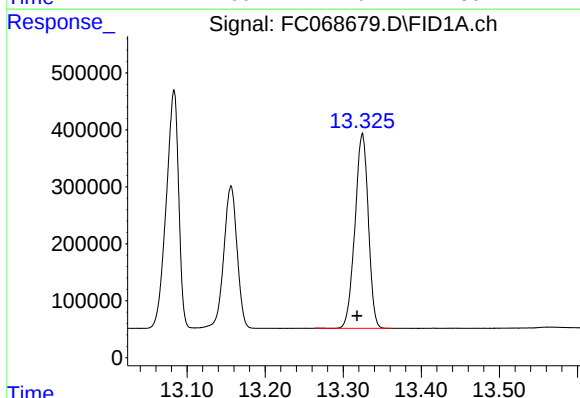
R.T.: 11.723 min
Delta R.T.: 0.005 min
Response: 3757095
Conc: 29.50 ug/ml

Instrument :
FID_C
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PL-714-32MS



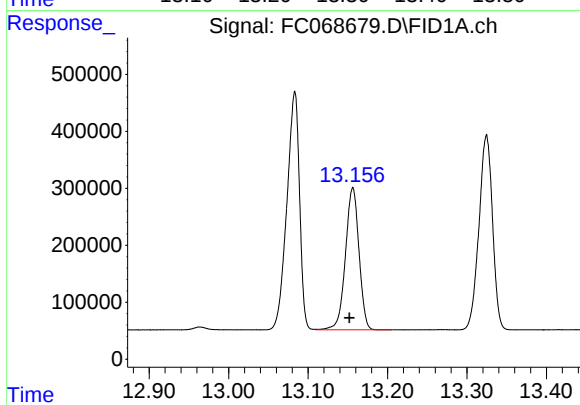
#10 n-Eicosane (C20)

R.T.: 12.711 min
Delta R.T.: 0.006 min
Response: 4244748
Conc: 43.16 ug/ml



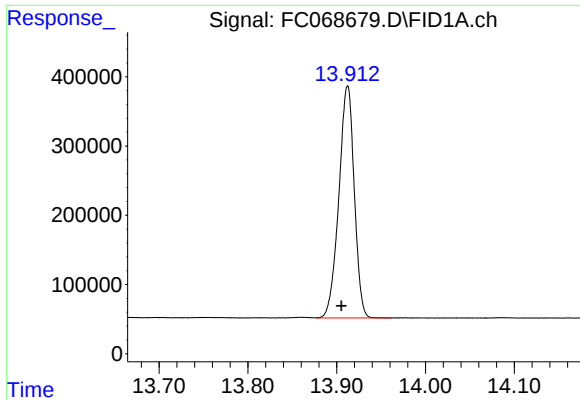
#11 n-Heneicosane (C21)

R.T.: 13.324 min
Delta R.T.: 0.007 min
Response: 4057352
Conc: 41.63 ug/ml



#12 1-chlorooctadecane (SURR)

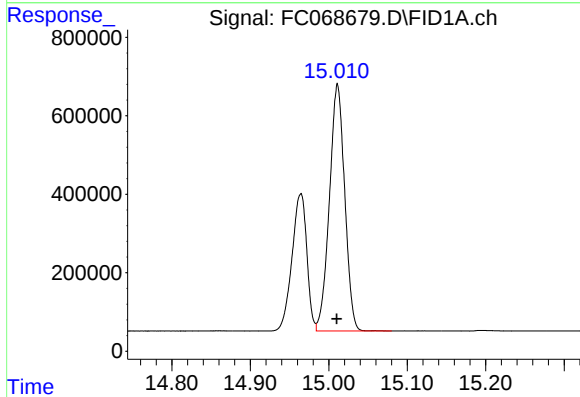
R.T.: 13.156 min
Delta R.T.: 0.004 min
Response: 2958111
Conc: 31.84 ug/ml



#13 n-Docosane (C22)

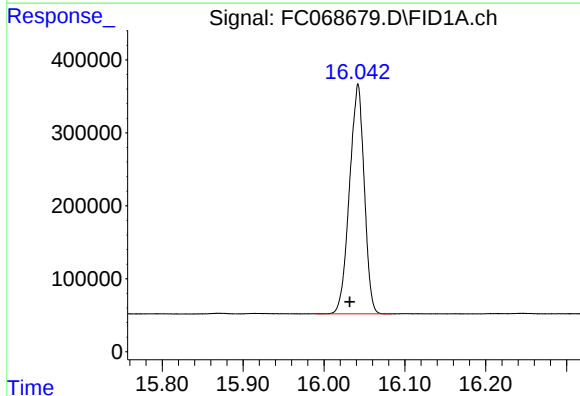
R.T.: 13.912 min
Delta R.T.: 0.007 min
Response: 4035938
Conc: 41.78 ug/ml

Instrument :
FID_C
ClientSampleId :
PL-714-32MS



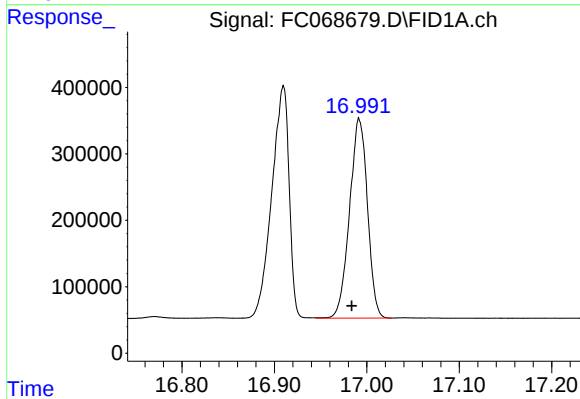
#14 n-Tetracosane (C24)

R.T.: 15.011 min
Delta R.T.: 0.001 min
Response: 8517075
Conc: 89.48 ug/ml



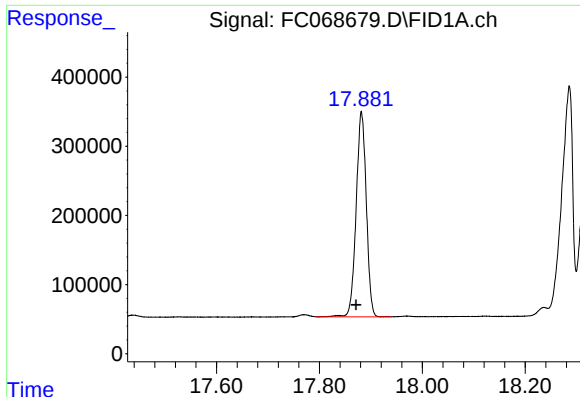
#15 n-Hexacosane (C26)

R.T.: 16.042 min
Delta R.T.: 0.010 min
Response: 3986412
Conc: 42.68 ug/ml



#16 n-Octacosane (C28)

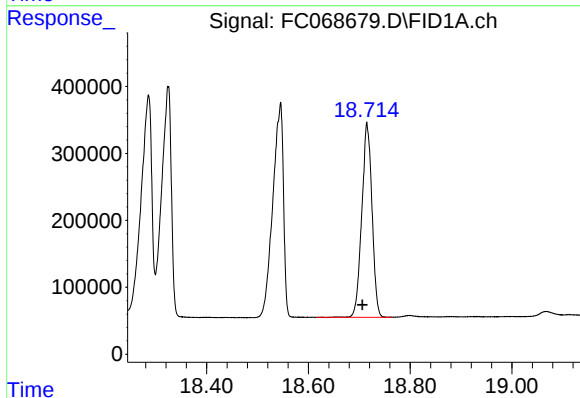
R.T.: 16.992 min
Delta R.T.: 0.008 min
Response: 4036757
Conc: 44.09 ug/ml



#17 n-Tricontane (C30)

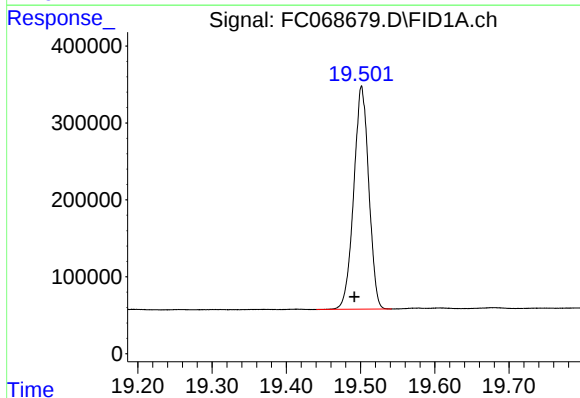
R.T.: 17.882 min
Delta R.T.: 0.011 min
Response: 4057081
Conc: 44.13 ug/ml

Instrument :
FID_C
ClientSampleId :
PL-714-32MS



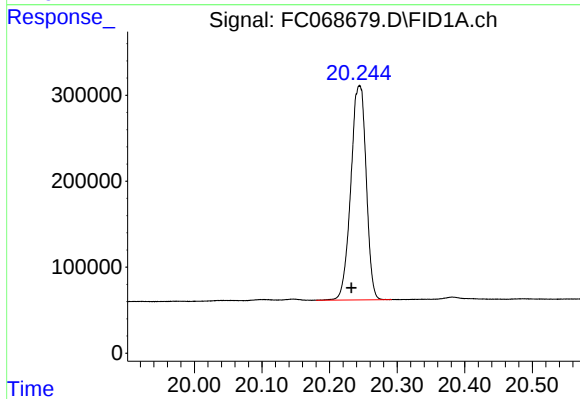
#18 n-Dotriacontane (C32)

R.T.: 18.716 min
Delta R.T.: 0.009 min
Response: 4044723
Conc: 44.09 ug/ml



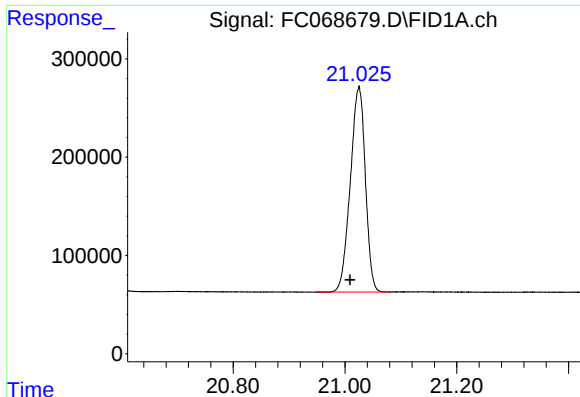
#19 n-Tetratriacontane (C34)

R.T.: 19.502 min
Delta R.T.: 0.010 min
Response: 4077743
Conc: 45.64 ug/ml



#20 n-Hexatriacontane (C36)

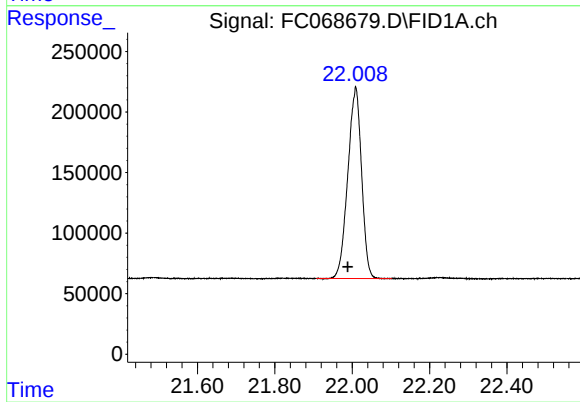
R.T.: 20.244 min
Delta R.T.: 0.012 min
Response: 3930429
Conc: 43.88 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.025 min
Delta R.T.: 0.015 min
Response: 3895736
Conc: 44.06 ug/ml

Instrument :
FID_C
ClientSampleId :
PL-714-32MS



#22 n-Tetracontane (C40)

R.T.: 22.009 min
Delta R.T.: 0.020 min
Response: 3890737
Conc: 44.06 ug/ml