

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042225AL\
 Data File : FC068680.D
 Signal(s) : FID1A.ch
 Acq On : 22 Apr 2025 16:21
 Operator : YP/AJ
 Sample : Q1842-22MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PL-714-32MSD

Integration File: autoint1.e
 Quant Time: Apr 23 01:31:03 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	3495664	27.452 ug/ml
Spiked Amount 50.000		Recovery =	54.90%
12) S 1-chlorooctadecane (S...	13.157	2773969	29.862 ug/ml
Spiked Amount 50.000		Recovery =	59.72%
Target Compounds			
1) T n-Nonane (C9)	3.449	2915109	27.678 ug/ml
2) T n-Decane (C10)	4.526	3274708	31.081 ug/ml
3) T A~Naphthalene (C11.7)	6.123	3858954	33.135 ug/ml
4) T n-Dodecane (C12)	6.551	3397177	32.304 ug/ml
5) T A~2-methylnaphthalene...	7.182	3574544	30.949 ug/ml
6) T n-Tetradecane (C14)	8.351	3501101	34.056 ug/ml
7) T n-Hexadecane (C16)	9.954	3675996	36.095 ug/ml
8) T n-Octadecane (C18)	11.398	3838834	38.147 ug/ml
10) T n-Eicosane (C20)	12.711	3977240	40.436 ug/ml
11) T n-Heneicosane (C21)	13.324	3810286	39.097 ug/ml
13) T n-Docosane (C22)	13.911	3796107	39.299 ug/ml
14) T n-Tetracosane (C24)	15.010	7984603	83.886 ug/ml
15) T n-Hexacosane (C26)	16.040	3756367	40.216 ug/ml
16) T n-Octacosane (C28)	16.991	3808261	41.594 ug/ml
17) T n-Tricontane (C30)	17.882	3822264	41.577 ug/ml
18) T n-Dotriacontane (C32)	18.717	3810393	41.540 ug/ml
19) T n-Tetratriacontane (C34)	19.501	3833439	42.909 ug/ml
20) T n-Hexatriacontane (C36)	20.244	3684797	41.135 ug/ml
21) T n-Octatriacontane (C38)	21.023	3658764	41.383 ug/ml
22) T n-Tetracontane (C40)	22.006	3650144	41.335 ug/ml

(f)=RT Delta > 1/2 Window

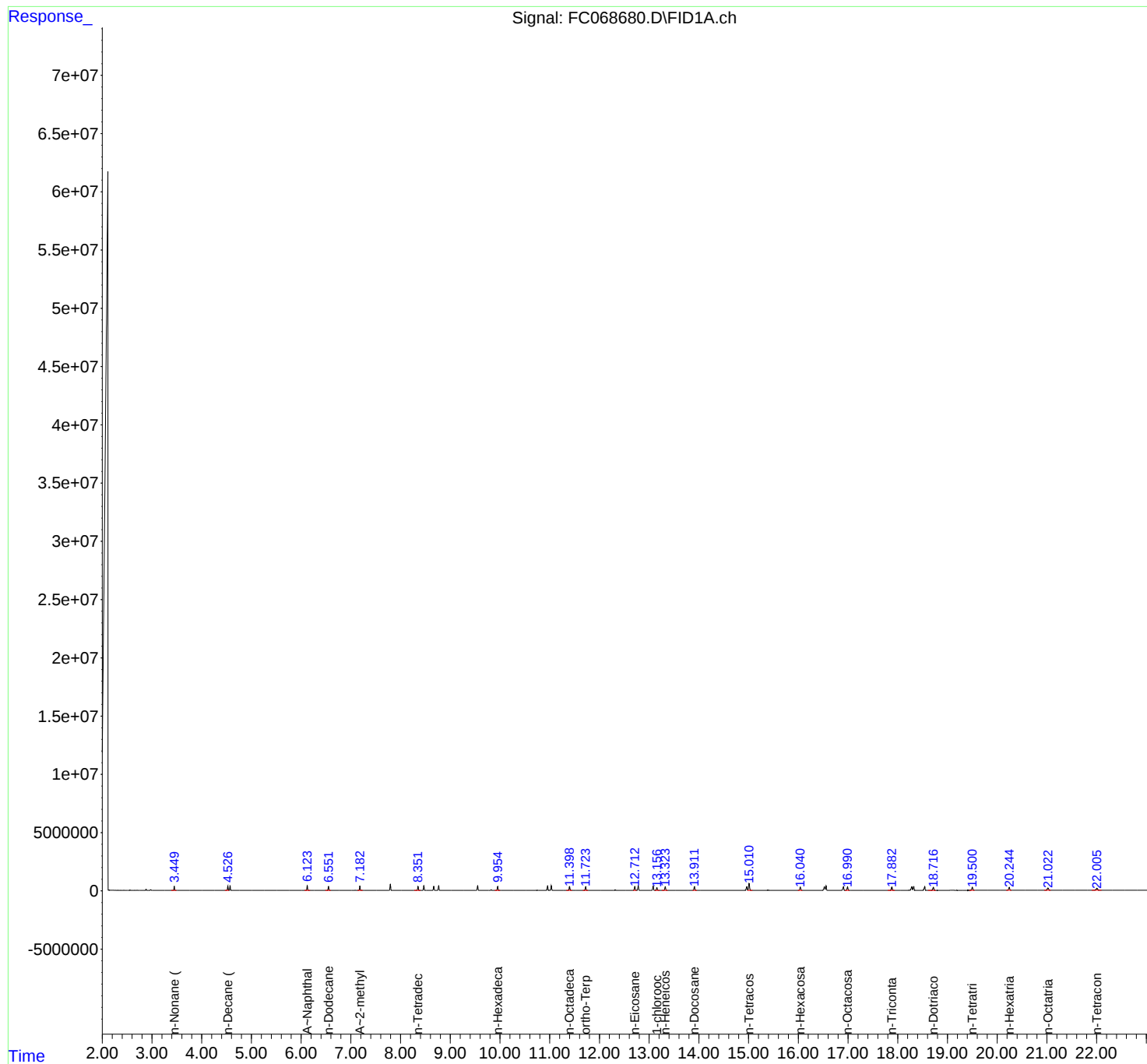
(m)=manual int.

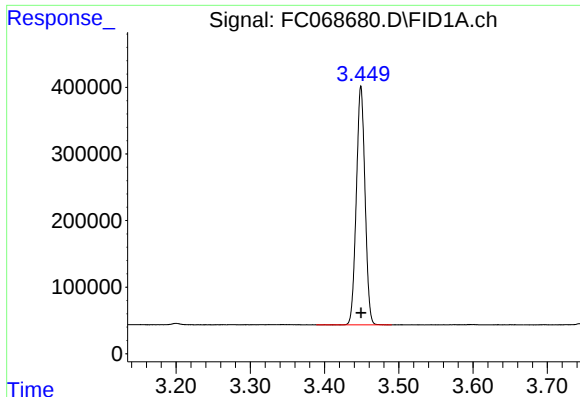
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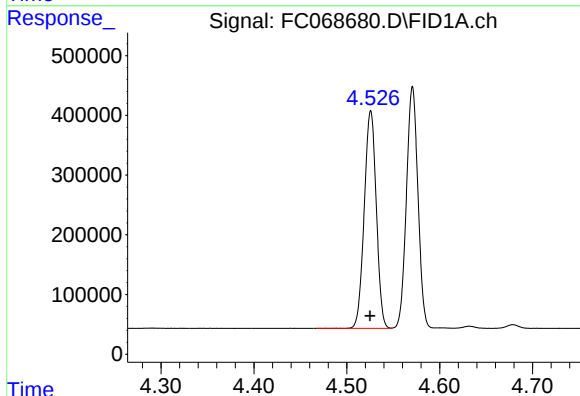




#1 n-Nonane (C9)

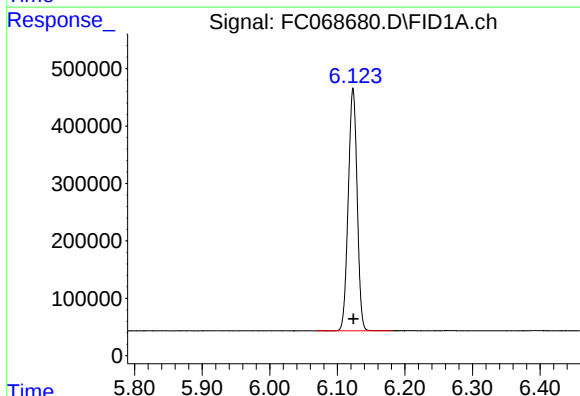
R.T.: 3.449 min
Delta R.T.: 0.000 min
Response: 2915109
Conc: 27.68 ug/ml

Instrument :
FID_C
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PL-714-32MSD



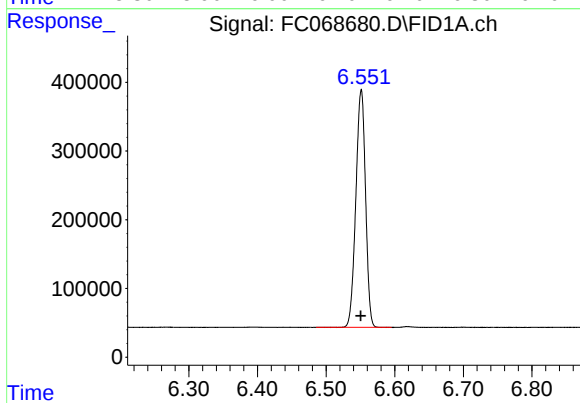
#2 n-Decane (C10)

R.T.: 4.526 min
Delta R.T.: 0.000 min
Response: 3274708
Conc: 31.08 ug/ml



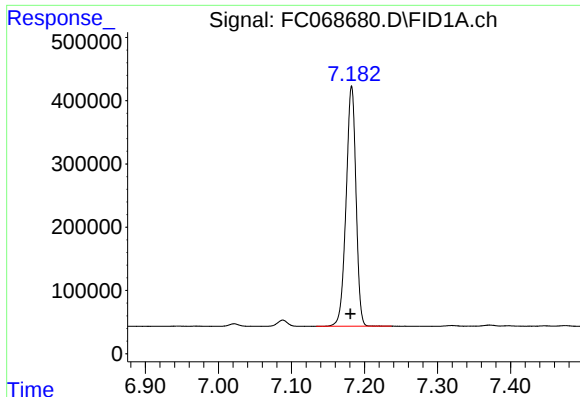
#3 A~Naphthalene (C11.7)

R.T.: 6.123 min
Delta R.T.: 0.000 min
Response: 3858954
Conc: 33.14 ug/ml



#4 n-Dodecane (C12)

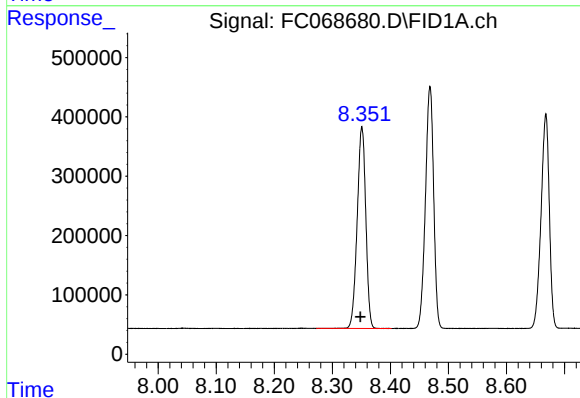
R.T.: 6.551 min
Delta R.T.: 0.000 min
Response: 3397177
Conc: 32.30 ug/ml



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

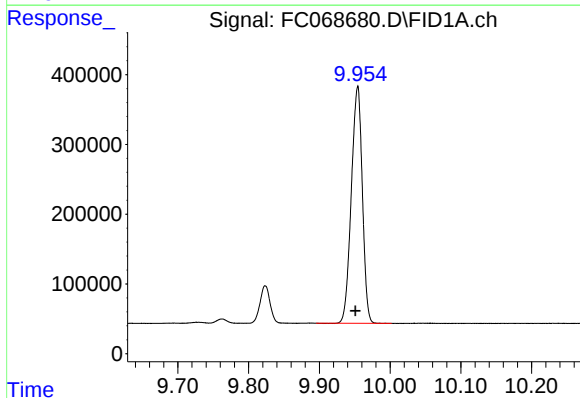
R.T.: 7.182 min
Delta R.T.: 0.001 min
Response: 3574544
Conc: 30.95 ug/ml

Instrument :
FID_C
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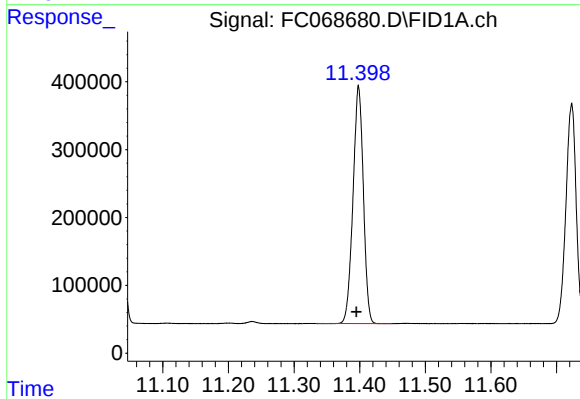
#6 n-Tetradecane (C14)

R.T.: 8.351 min
Delta R.T.: 0.002 min
Response: 3501101
Conc: 34.06 ug/ml



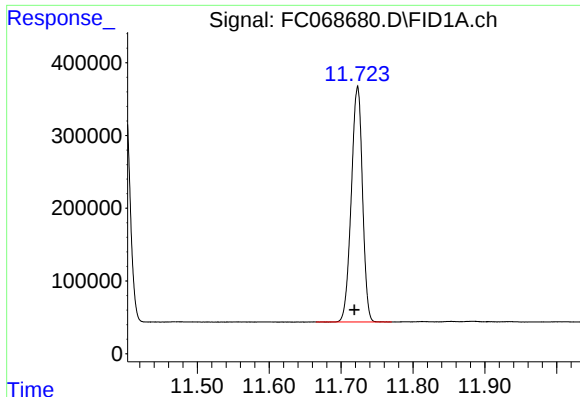
#7 n-Hexadecane (C16)

R.T.: 9.954 min
Delta R.T.: 0.003 min
Response: 3675996
Conc: 36.10 ug/ml



#8 n-Octadecane (C18)

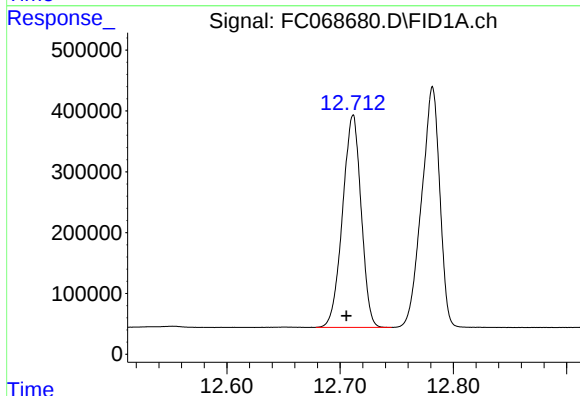
R.T.: 11.398 min
Delta R.T.: 0.004 min
Response: 3838834
Conc: 38.15 ug/ml



#9 ortho-Terphenyl (SURR)

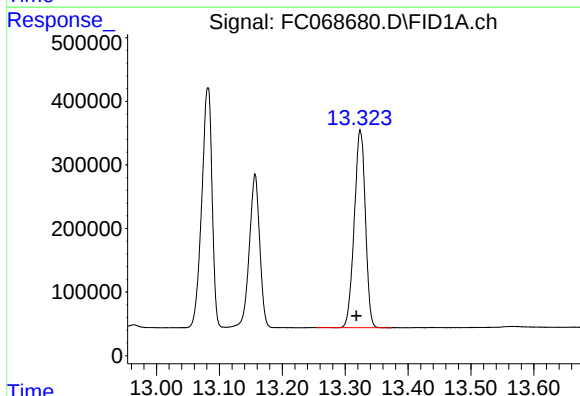
R.T.: 11.723 min
Delta R.T.: 0.004 min
Response: 3495664
Conc: 27.45 ug/ml

Instrument :
FID_C
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PL-714-32MSD



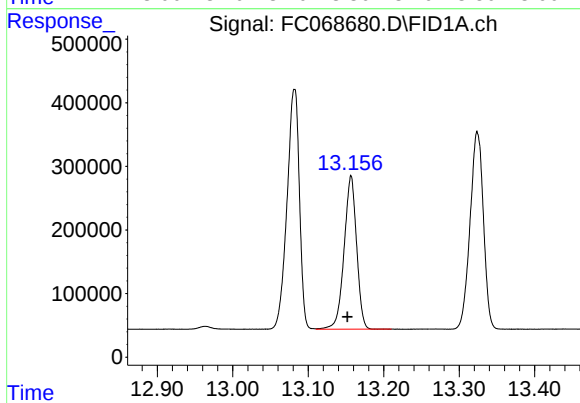
#10 n-Eicosane (C20)

R.T.: 12.711 min
Delta R.T.: 0.006 min
Response: 3977240
Conc: 40.44 ug/ml



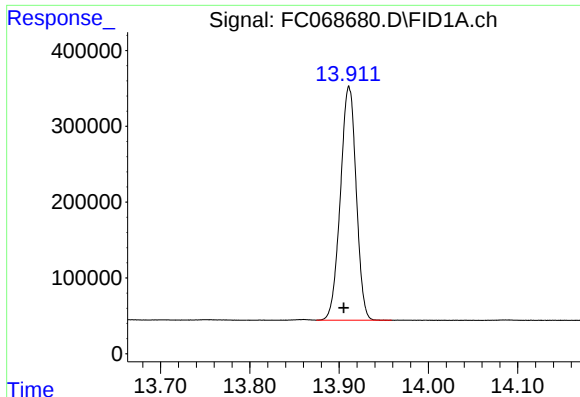
#11 n-Heneicosane (C21)

R.T.: 13.324 min
Delta R.T.: 0.006 min
Response: 3810286
Conc: 39.10 ug/ml



#12 1-chlorooctadecane (SURR)

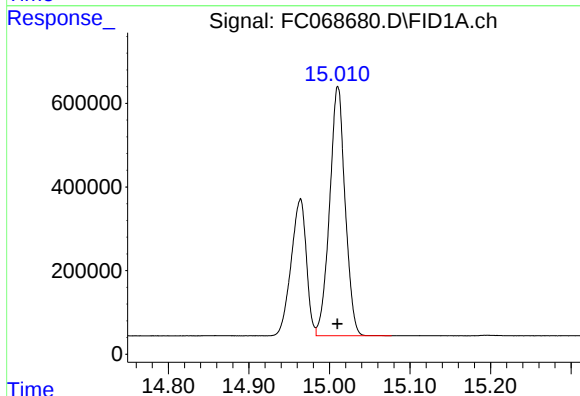
R.T.: 13.157 min
Delta R.T.: 0.005 min
Response: 2773969
Conc: 29.86 ug/ml



#13 n-Docosane (C22)

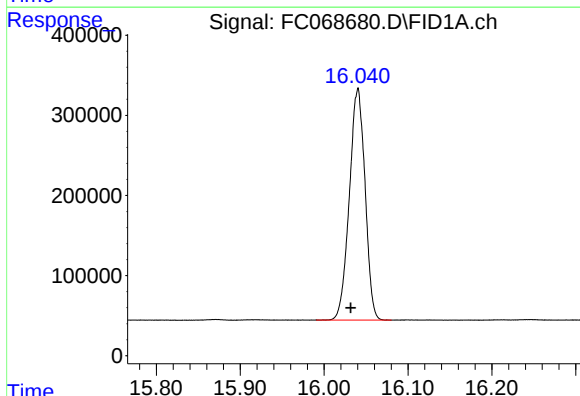
R.T.: 13.911 min
Delta R.T.: 0.006 min
Response: 3796107
Conc: 39.30 ug/ml

Instrument :
FID_C
ClientSampleId :
PL-714-32MSD



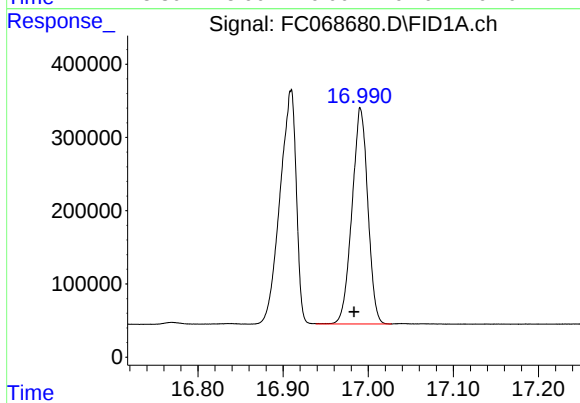
#14 n-Tetracosane (C24)

R.T.: 15.010 min
Delta R.T.: 0.000 min
Response: 7984603
Conc: 83.89 ug/ml



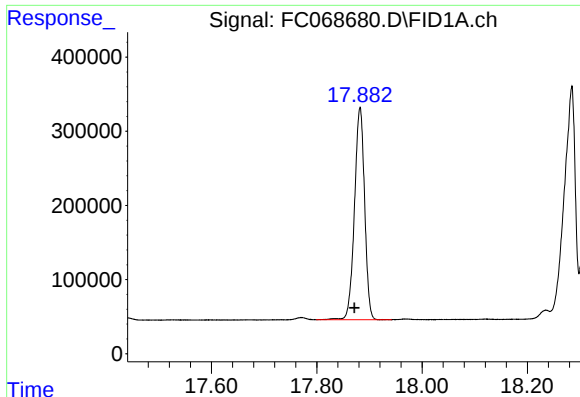
#15 n-Hexacosane (C26)

R.T.: 16.040 min
Delta R.T.: 0.008 min
Response: 3756367
Conc: 40.22 ug/ml



#16 n-Octacosane (C28)

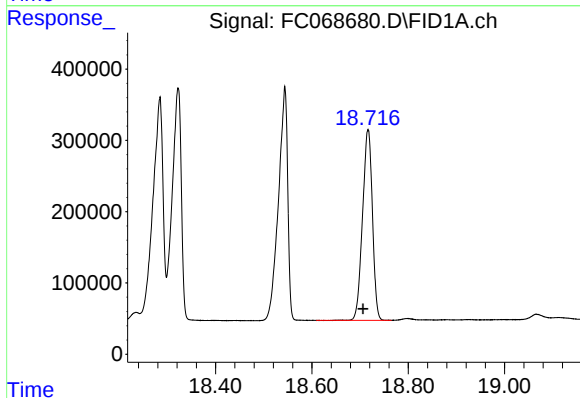
R.T.: 16.991 min
Delta R.T.: 0.008 min
Response: 3808261
Conc: 41.59 ug/ml



#17 n-Tricontane (C30)

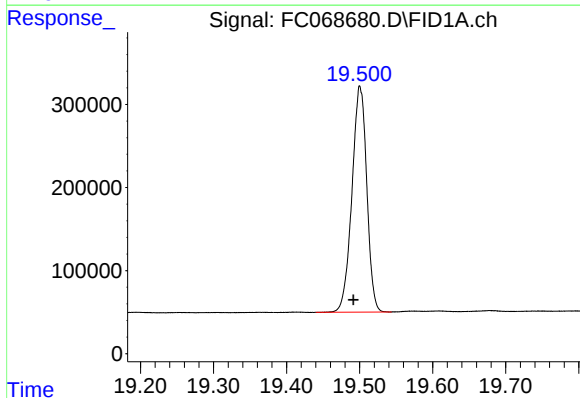
R.T.: 17.882 min
Delta R.T.: 0.011 min
Response: 3822264
Conc: 41.58 ug/ml

Instrument :
FID_C
ClientSampleId :
PL-714-32MSD



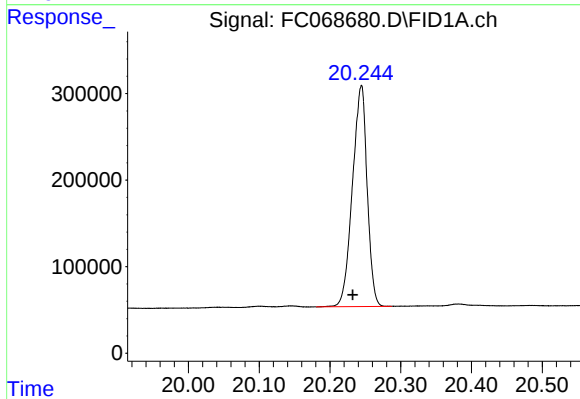
#18 n-Dotriacontane (C32)

R.T.: 18.717 min
Delta R.T.: 0.010 min
Response: 3810393
Conc: 41.54 ug/ml



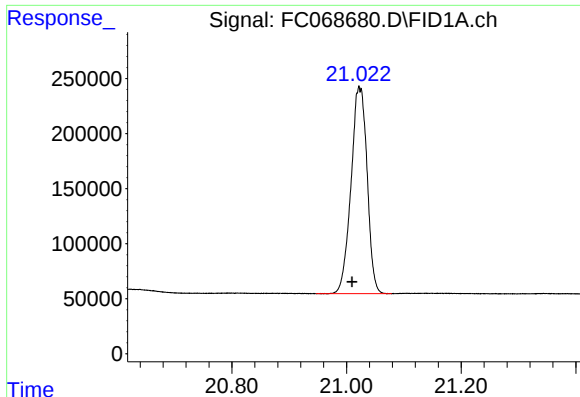
#19 n-Tetratriacontane (C34)

R.T.: 19.501 min
Delta R.T.: 0.009 min
Response: 3833439
Conc: 42.91 ug/ml



#20 n-Hexatriacontane (C36)

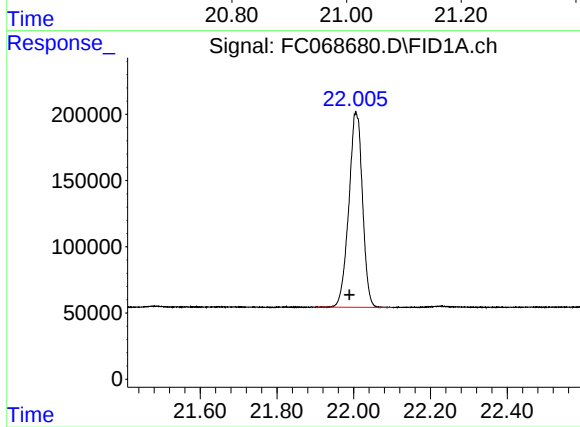
R.T.: 20.244 min
Delta R.T.: 0.012 min
Response: 3684797
Conc: 41.13 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.023 min
Delta R.T.: 0.013 min
Response: 3658764
Conc: 41.38 ug/ml

Instrument :
FID_C
ClientSampleId :
PL-714-32MSD



#22 n-Tetracontane (C40)

R.T.: 22.006 min
Delta R.T.: 0.017 min
Response: 3650144
Conc: 41.34 ug/ml