

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050925AL\
 Data File : FC068814.D
 Signal(s) : FID1A.ch
 Acq On : 09 May 2025 15:48
 Operator : YP/AJ
 Sample : PB167926BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB167926BSD

Integration File: autoint1.e
 Quant Time: May 09 23:07:11 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050625.M
 Quant Title : GC Extractables
 QLast Update : Wed May 07 08:52:03 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)	11.712	4801515	42.067 ug/ml
Spiked Amount 50.000		Recovery =	84.13%
12) S 1-chlorooctadecane (S...	13.144	3725164	46.433 ug/ml
Spiked Amount 50.000		Recovery =	92.87%
Target Compounds			
1) T n-Nonane (C9)	3.449	4249130	42.246 ug/ml
2) T n-Decane (C10)	4.522	4600106	46.167 ug/ml
3) T A~Naphthalene (C11.7)	6.117	5717346	51.852 ug/ml
4) T n-Dodecane (C12)	6.545	5023641	51.695 ug/ml
5) T A~2-methylnaphthalene...	7.175	5354727	49.889 ug/ml
6) T n-Tetradecane (C14)	8.343	5231242	56.600 ug/ml
7) T n-Hexadecane (C16)	9.945	5198250	58.052 ug/ml
8) T n-Octadecane (C18)	11.388	5155921	58.778 ug/ml
10) T n-Eicosane (C20)	12.700	5255485	61.671 ug/ml
11) T n-Heneicosane (C21)	13.312	5028547	59.619 ug/ml
13) T n-Docosane (C22)	13.899	4991570	59.666 ug/ml
14) T n-Tetracosane (C24)	14.997	10429008	125.338 ug/ml
15) T n-Hexacosane (C26)	16.027	4894469	59.074 ug/ml
16) T n-Octacosane (C28)	16.976	4973033	60.173 ug/ml
17) T n-Tricontane (C30)	17.866	4975734	58.806 ug/ml
18) T n-Dotriacontane (C32)	18.698	4987953	57.908 ug/ml
19) T n-Tetratriacontane (C34)	19.483	5077769	59.598 ug/ml
20) T n-Hexatriacontane (C36)	20.224	4918667	57.228 ug/ml
21) T n-Octatriacontane (C38)	20.999	4878805	58.162 ug/ml
22) T n-Tetracontane (C40)	21.980	4786324	58.401 ug/ml

(f)=RT Delta > 1/2 Window

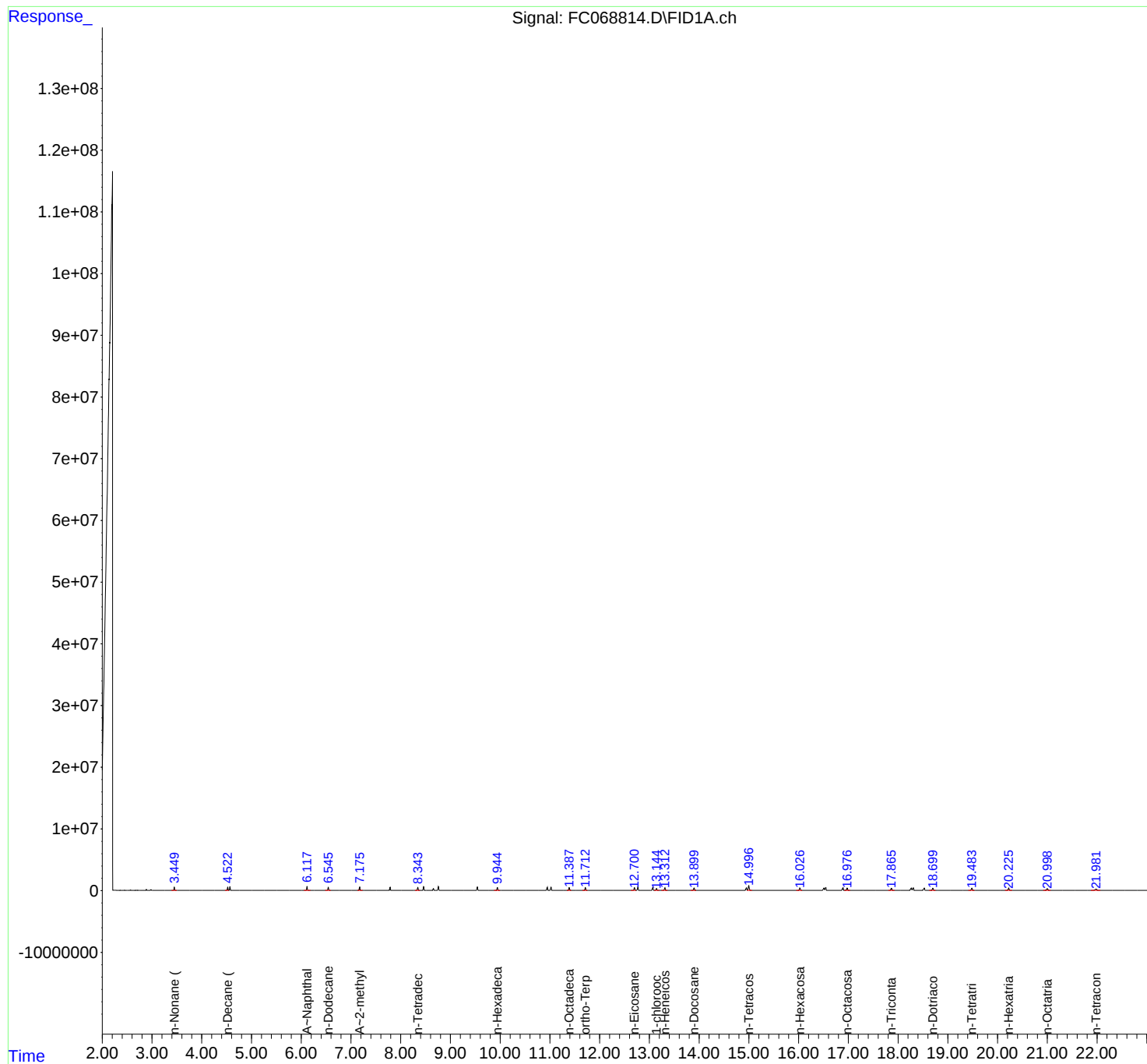
(m)=manual int.

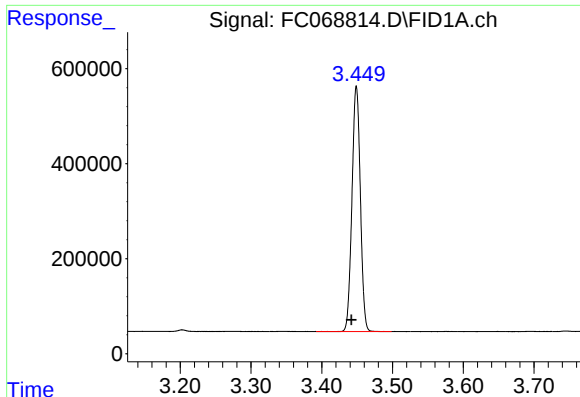
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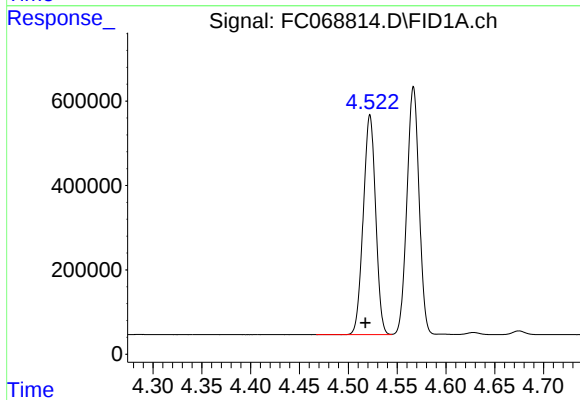




#1 n-Nonane (C9)

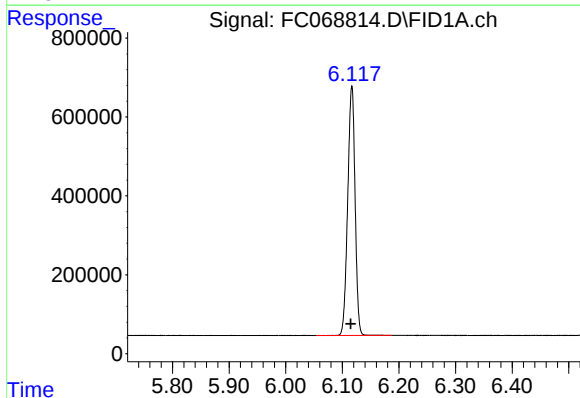
R.T.: 3.449 min
Delta R.T.: 0.007 min
Response: 4249130
Conc: 42.25 ug/ml

Instrument :
FID_C
ClientSampleId :
PB167926BSD



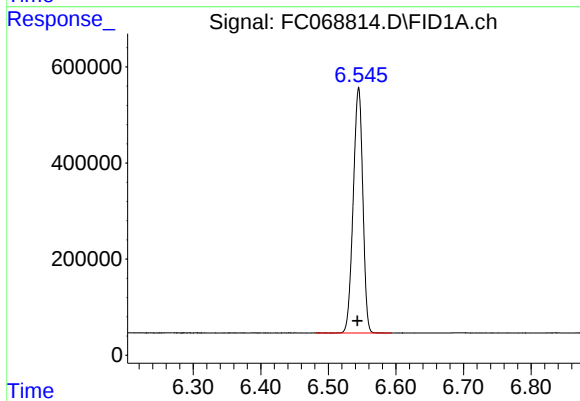
#2 n-Decane (C10)

R.T.: 4.522 min
Delta R.T.: 0.004 min
Response: 4600106
Conc: 46.17 ug/ml



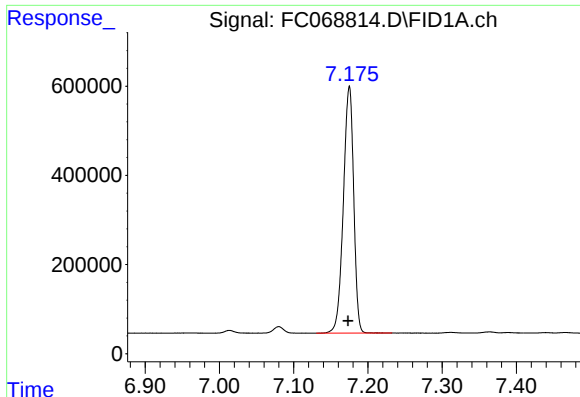
#3 A~Naphthalene (C11.7)

R.T.: 6.117 min
Delta R.T.: 0.002 min
Response: 5717346
Conc: 51.85 ug/ml



#4 n-Dodecane (C12)

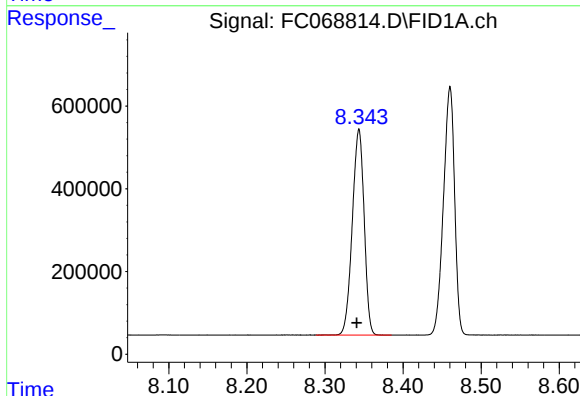
R.T.: 6.545 min
Delta R.T.: 0.002 min
Response: 5023641
Conc: 51.70 ug/ml



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

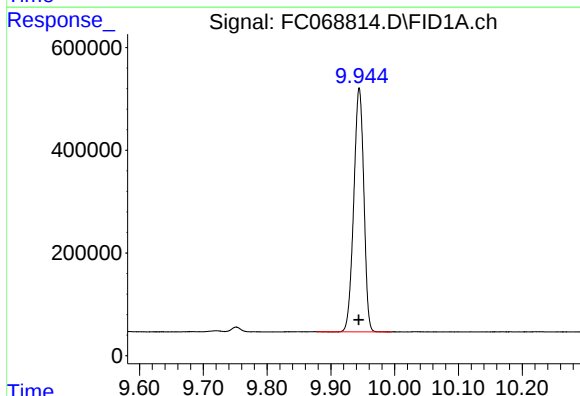
R.T.: 7.175 min
Delta R.T.: 0.002 min
Response: 5354727
Conc: 49.89 ug/ml

Instrument :
FID_C
ClientSampleId :
PB167926BSD



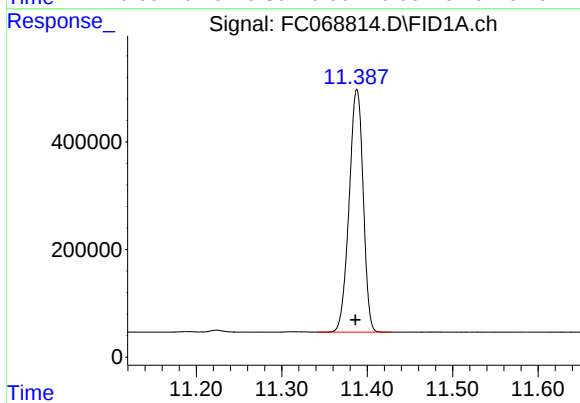
#6 n-Tetradecane (C14)

R.T.: 8.343 min
Delta R.T.: 0.003 min
Response: 5231242
Conc: 56.60 ug/ml



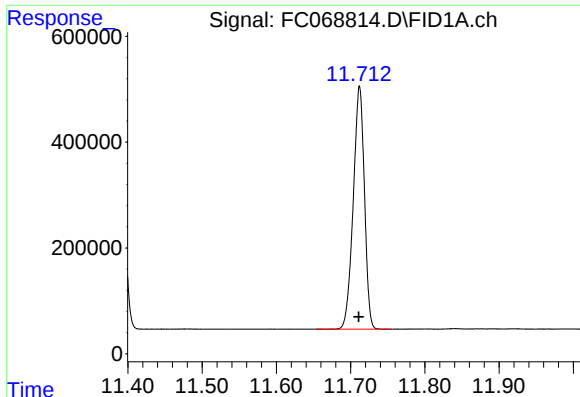
#7 n-Hexadecane (C16)

R.T.: 9.945 min
Delta R.T.: 0.000 min
Response: 5198250
Conc: 58.05 ug/ml



#8 n-Octadecane (C18)

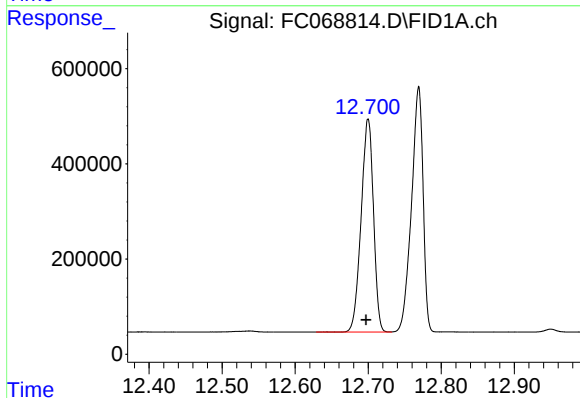
R.T.: 11.388 min
Delta R.T.: 0.002 min
Response: 5155921
Conc: 58.78 ug/ml



#9 ortho-Terphenyl (SURR)

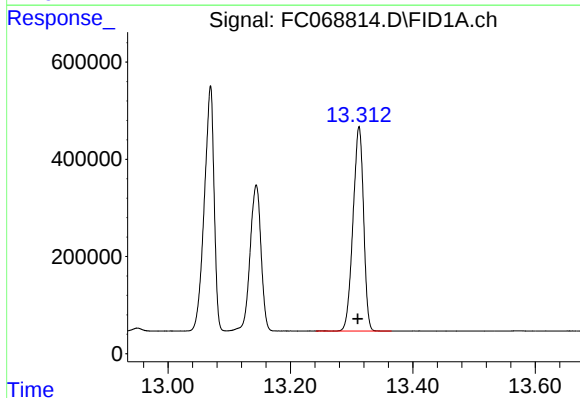
R.T.: 11.712 min
Delta R.T.: 0.001 min
Response: 4801515
Conc: 42.07 ug/ml

Instrument :
FID_C
ClientSampleId :
PB167926BSD



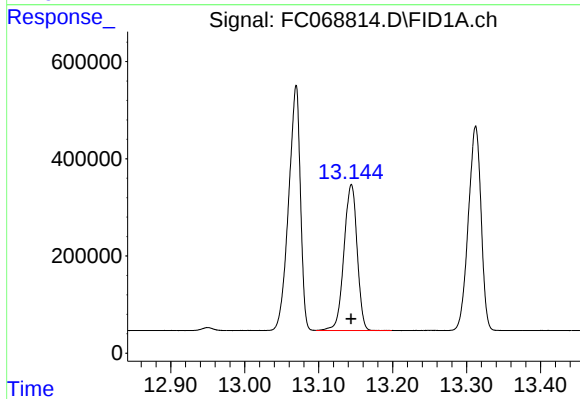
#10 n-Eicosane (C20)

R.T.: 12.700 min
Delta R.T.: 0.003 min
Response: 5255485
Conc: 61.67 ug/ml



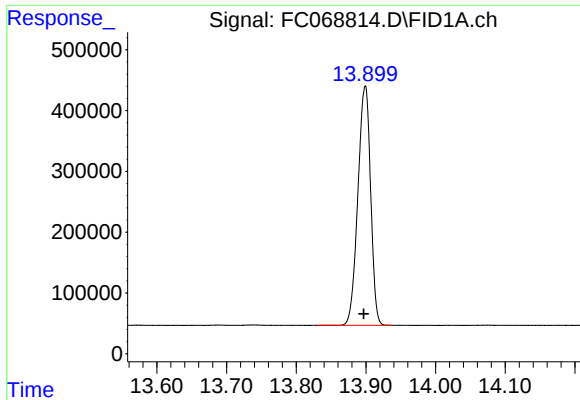
#11 n-Heneicosane (C21)

R.T.: 13.312 min
Delta R.T.: 0.002 min
Response: 5028547
Conc: 59.62 ug/ml



#12 1-chlorooctadecane (SURR)

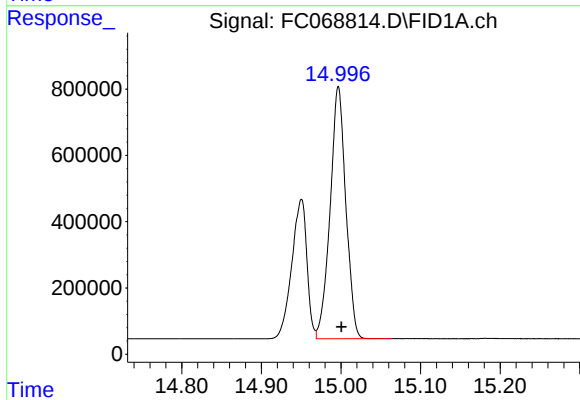
R.T.: 13.144 min
Delta R.T.: 0.000 min
Response: 3725164
Conc: 46.43 ug/ml



#13 n-Docosane (C22)

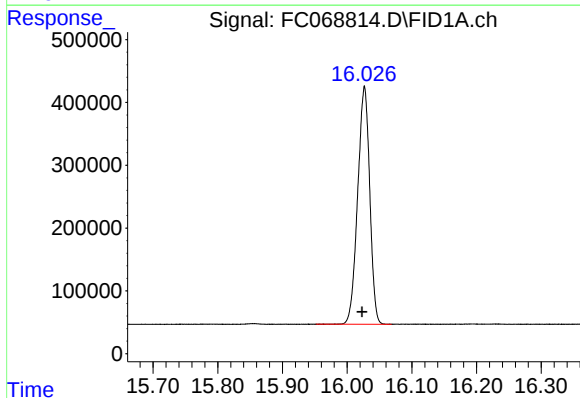
R.T.: 13.899 min
Delta R.T.: 0.002 min
Response: 4991570
Conc: 59.67 ug/ml

Instrument :
FID_C
ClientSampleId :
PB167926BSD



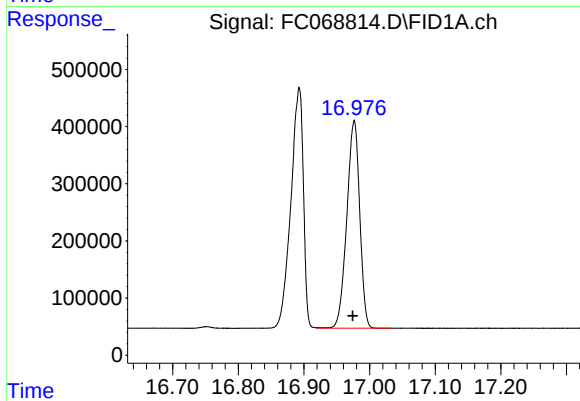
#14 n-Tetracosane (C24)

R.T.: 14.997 min
Delta R.T.: -0.004 min
Response: 10429008
Conc: 125.34 ug/ml



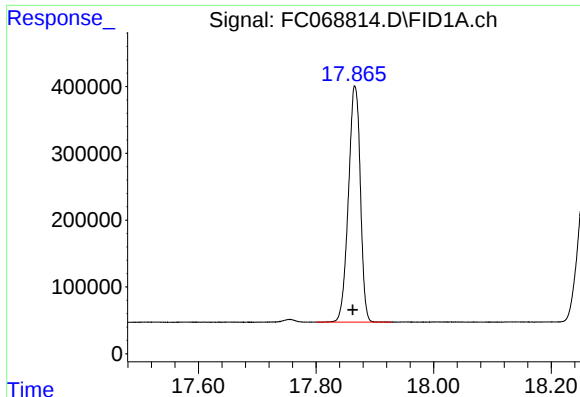
#15 n-Hexacosane (C26)

R.T.: 16.027 min
Delta R.T.: 0.003 min
Response: 4894469
Conc: 59.07 ug/ml



#16 n-Octacosane (C28)

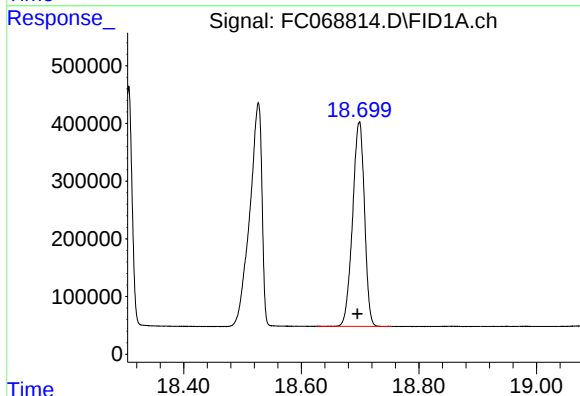
R.T.: 16.976 min
Delta R.T.: 0.002 min
Response: 4973033
Conc: 60.17 ug/ml



#17 n-Tricontane (C30)

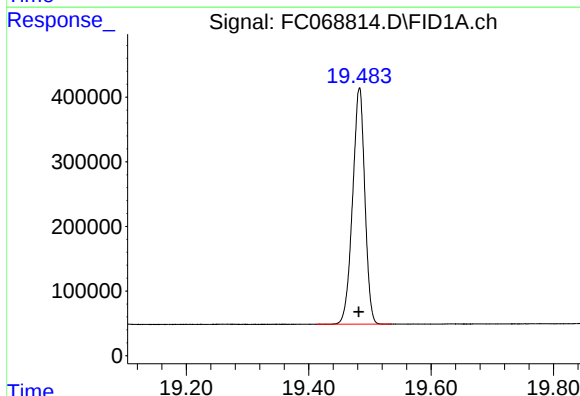
R.T.: 17.866 min
Delta R.T.: 0.004 min
Response: 4975734
Conc: 58.81 ug/ml

Instrument :
FID_C
ClientSampleId :
PB167926BSD



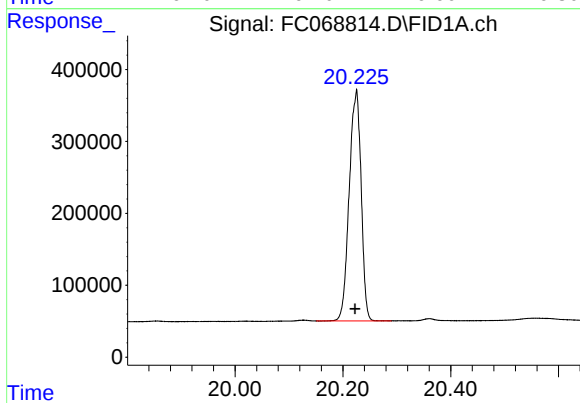
#18 n-Dotriacontane (C32)

R.T.: 18.698 min
Delta R.T.: 0.003 min
Response: 4987953
Conc: 57.91 ug/ml



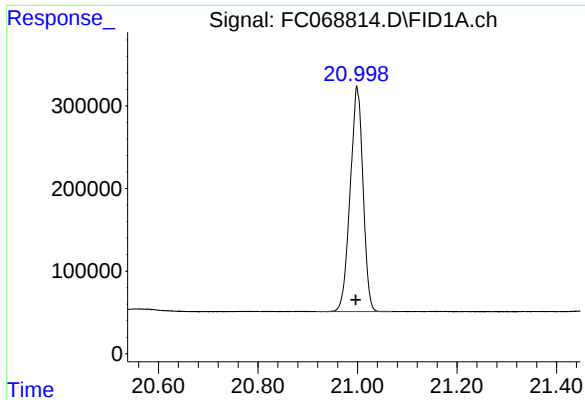
#19 n-Tetratriacontane (C34)

R.T.: 19.483 min
Delta R.T.: 0.000 min
Response: 5077769
Conc: 59.60 ug/ml



#20 n-Hexatriacontane (C36)

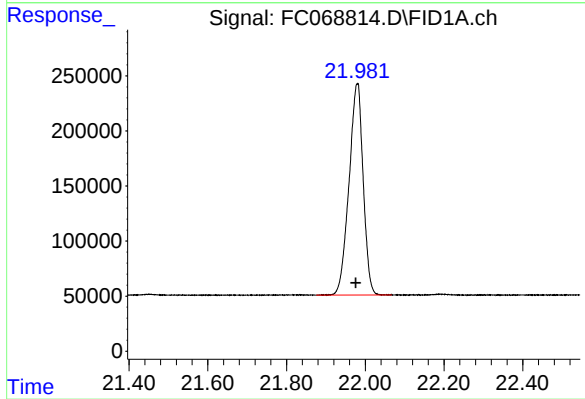
R.T.: 20.224 min
Delta R.T.: 0.002 min
Response: 4918667
Conc: 57.23 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.999 min
Delta R.T.: 0.003 min
Response: 4878805
Conc: 58.16 ug/ml

Instrument :
FID_C
ClientSampleId :
PB167926BSD



#22 n-Tetracontane (C40)

R.T.: 21.980 min
Delta R.T.: 0.004 min
Response: 4786324
Conc: 58.40 ug/ml