

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC110625AL\
 Data File : FC070138.D
 Signal(s) : FID1A.ch
 Acq On : 06 Nov 2025 11:41
 Operator : YP/AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
 Quant Time: Nov 06 12:54:25 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 110625.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 06 12:50:04 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)	11.643	8799856	50.323 ug/ml
Spiked Amount 50.000		Recovery =	100.65%
12) S 1-chlorooctadecane (S...	13.077	6706913	50.265 ug/ml
Spiked Amount 50.000		Recovery =	100.53%
Target Compounds			
1) T n-Nonane (C9)	3.378	7138023	50.388 ug/ml
2) T n-Decane (C10)	4.451	7386925	50.197 ug/ml
3) T A~Naphthalene (C11.7)	6.045	8124418	50.047 ug/ml
4) T n-Dodecane (C12)	6.474	7711717	50.205 ug/ml
5) T A~2-methylnaphthalene...	7.105	7917479	50.048 ug/ml
6) T n-Tetradecane (C14)	8.272	7926579	50.277 ug/ml
7) T n-Hexadecane (C16)	9.876	8348079	50.286 ug/ml
8) T n-Octadecane (C18)	11.320	8407369	50.196 ug/ml
10) T n-Eicosane (C20)	12.630	7950350	50.244 ug/ml
11) T n-Heneicosane (C21)	13.243	7712596	50.204 ug/ml
13) T n-Docosane (C22)	13.830	7621069	50.393 ug/ml
14) T n-Tetracosane (C24)	14.935	7489893	51.024 ug/ml
15) T n-Hexacosane (C26)	15.957	7148134	51.264 ug/ml
16) T n-Octacosane (C28)	16.908	6809724	51.148 ug/ml
17) T n-Tricontane (C30)	17.798	6726310	50.620 ug/ml
18) T n-Dotriacontane (C32)	18.631	6378380	50.194 ug/ml
19) T n-Tetratriacontane (C34)	19.415	5704418	49.724 ug/ml
20) T n-Hexatriacontane (C36)	20.153	4900061	49.504 ug/ml
21) T n-Octatriacontane (C38)	20.912	4401584	49.236 ug/ml
22) T n-Tetracontane (C40)	21.864	4169791	49.545 ug/ml

(f)=RT Delta > 1/2 Window

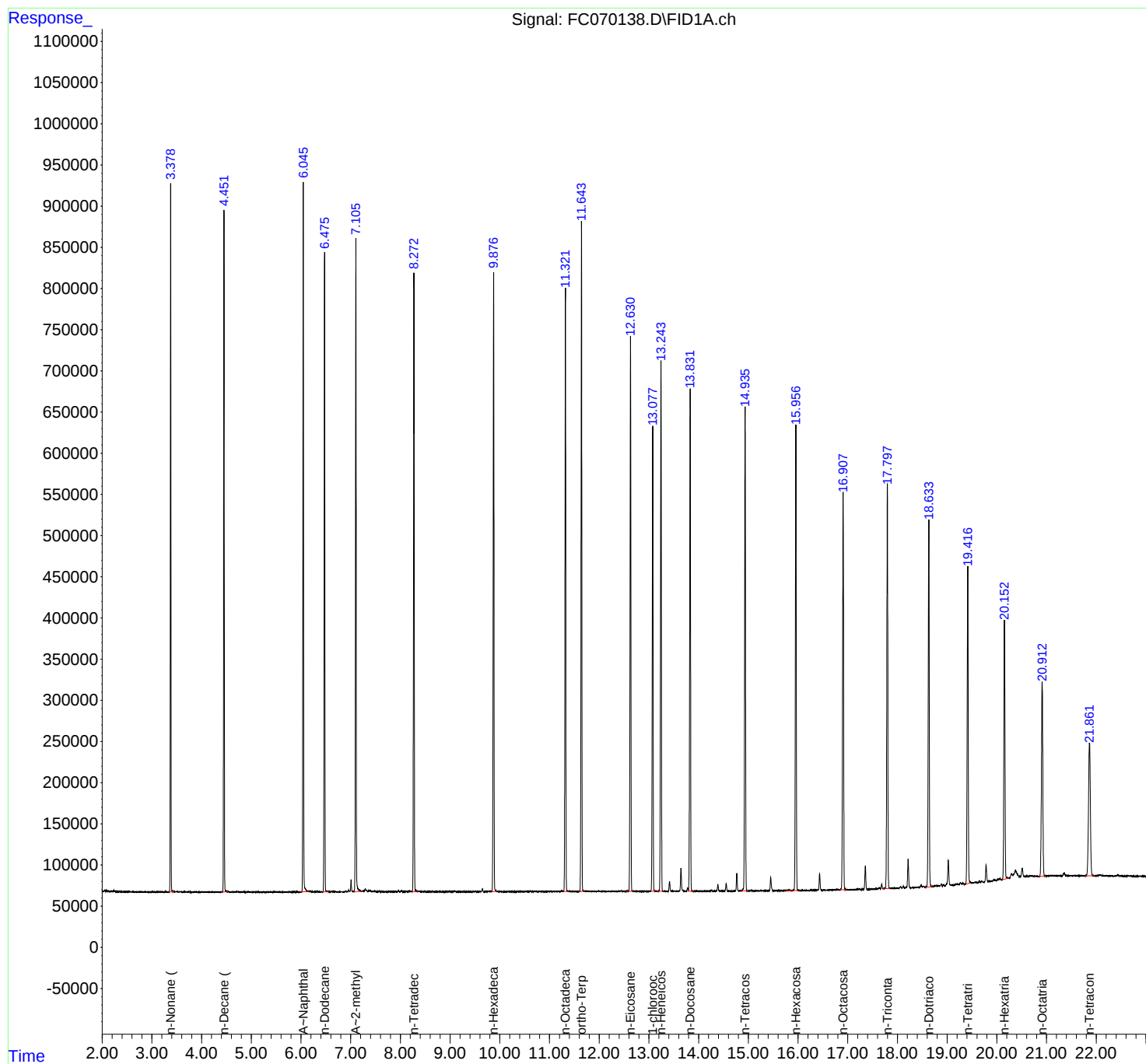
(m)=manual int.

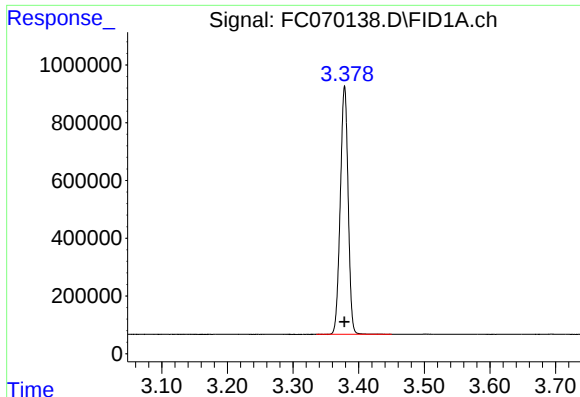
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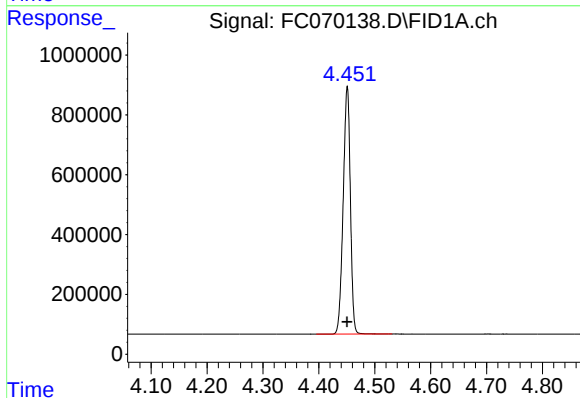




#1 n-Nonane (C9)

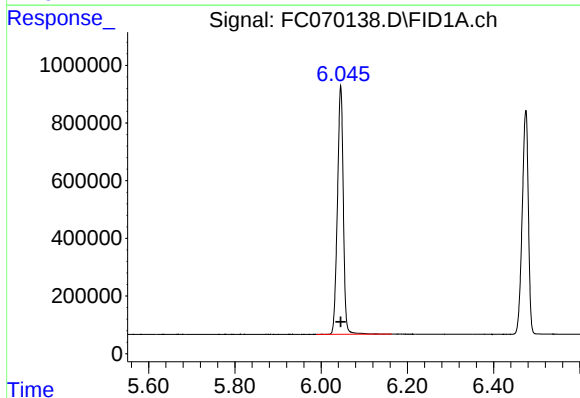
R.T.: 3.378 min
Delta R.T.: 0.000 min
Response: 7138023
Conc: 50.39 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



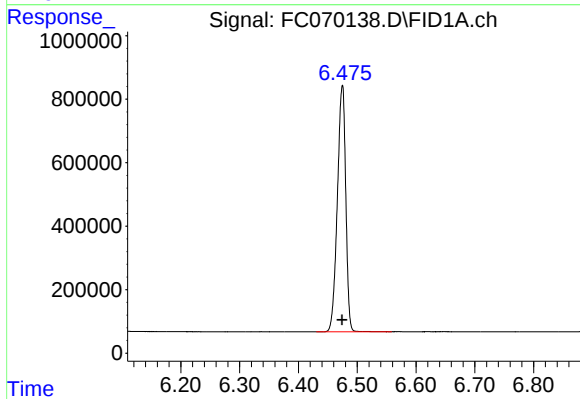
#2 n-Decane (C10)

R.T.: 4.451 min
Delta R.T.: 0.000 min
Response: 7386925
Conc: 50.20 ug/ml



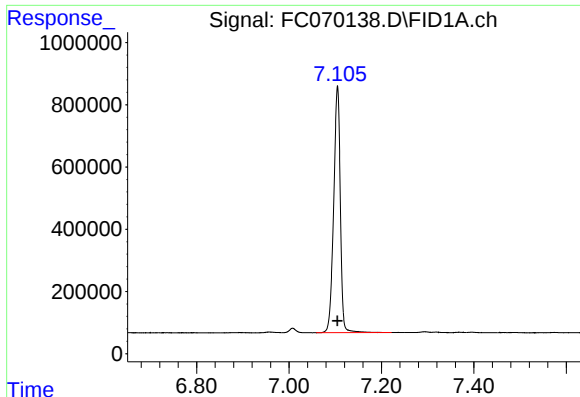
#3 A~Naphthalene (C11.7)

R.T.: 6.045 min
Delta R.T.: 0.000 min
Response: 8124418
Conc: 50.05 ug/ml



#4 n-Dodecane (C12)

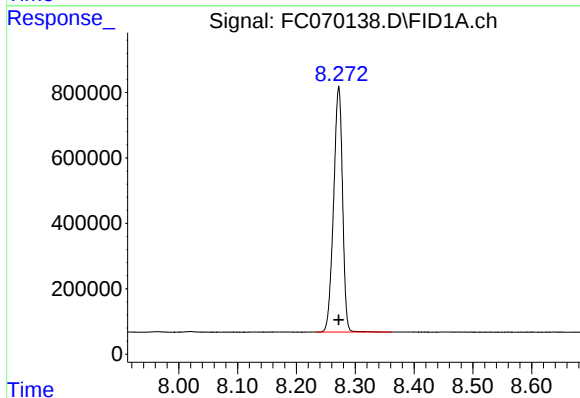
R.T.: 6.474 min
Delta R.T.: 0.000 min
Response: 7711717
Conc: 50.21 ug/ml



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

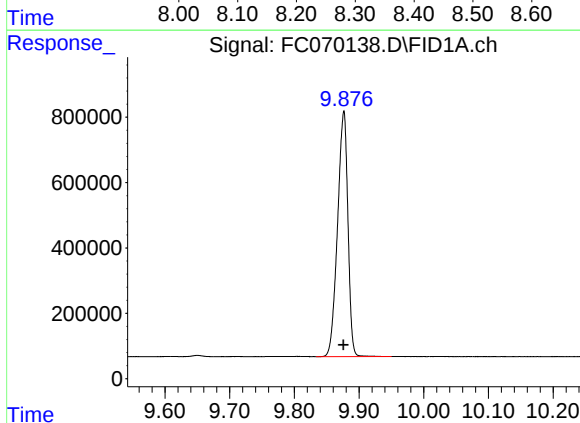
R.T.: 7.105 min
Delta R.T.: 0.000 min
Response: 7917479
Conc: 50.05 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



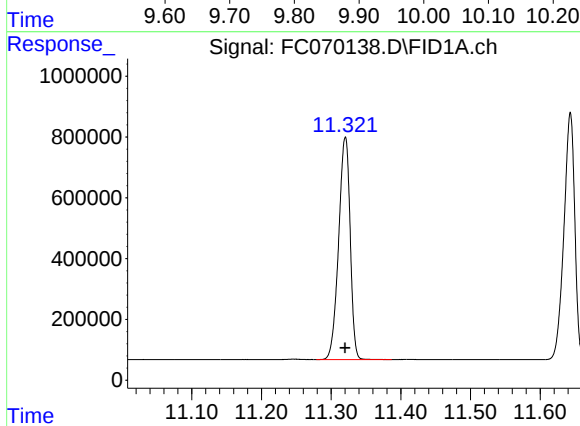
#6 n-Tetradecane (C14)

R.T.: 8.272 min
Delta R.T.: 0.000 min
Response: 7926579
Conc: 50.28 ug/ml



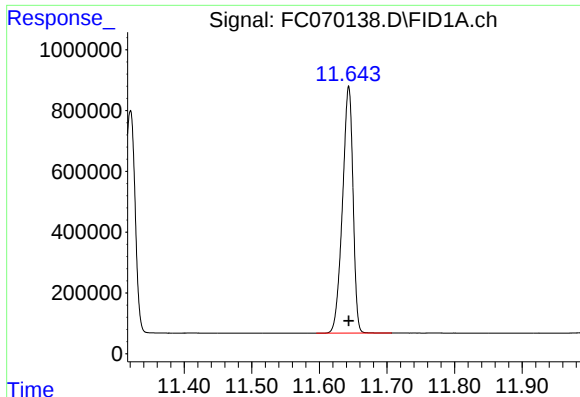
#7 n-Hexadecane (C16)

R.T.: 9.876 min
Delta R.T.: 0.000 min
Response: 8348079
Conc: 50.29 ug/ml



#8 n-Octadecane (C18)

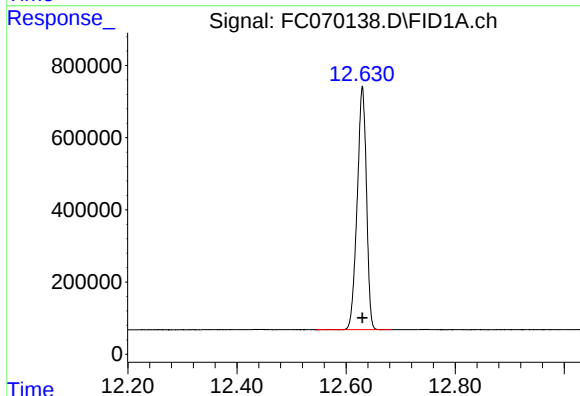
R.T.: 11.320 min
Delta R.T.: 0.000 min
Response: 8407369
Conc: 50.20 ug/ml



#9 ortho-Terphenyl (SURR)

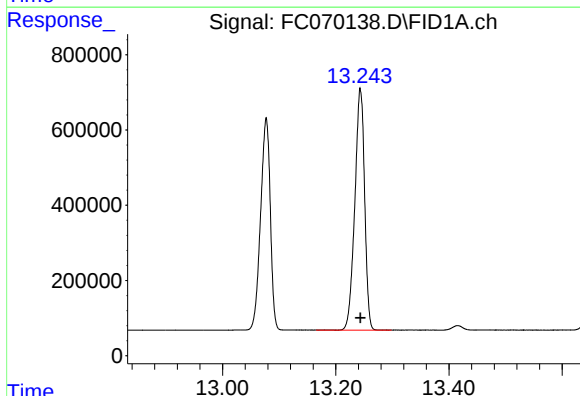
R.T.: 11.643 min
Delta R.T.: 0.000 min
Response: 8799856
Conc: 50.32 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



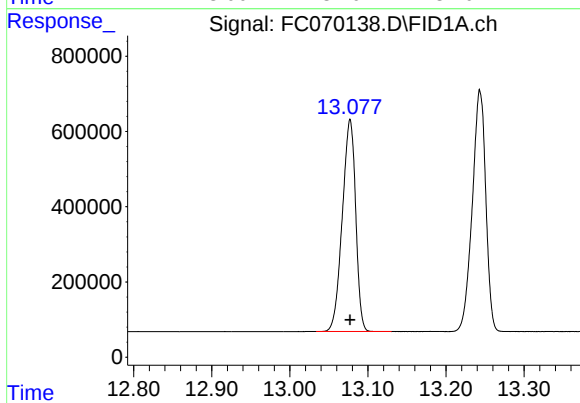
#10 n-Eicosane (C20)

R.T.: 12.630 min
Delta R.T.: 0.000 min
Response: 7950350
Conc: 50.24 ug/ml



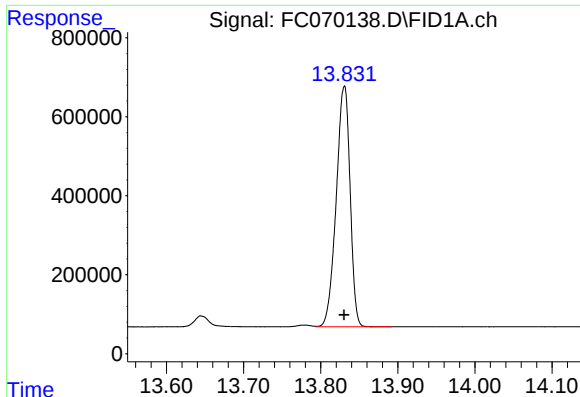
#11 n-Heneicosane (C21)

R.T.: 13.243 min
Delta R.T.: 0.000 min
Response: 7712596
Conc: 50.20 ug/ml



#12 1-chlorooctadecane (SURR)

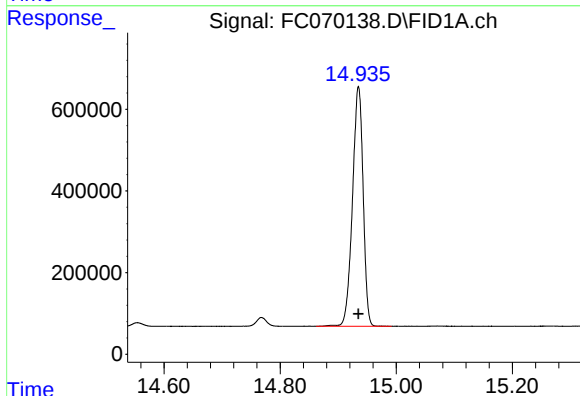
R.T.: 13.077 min
Delta R.T.: 0.000 min
Response: 6706913
Conc: 50.27 ug/ml



#13 n-Docosane (C22)

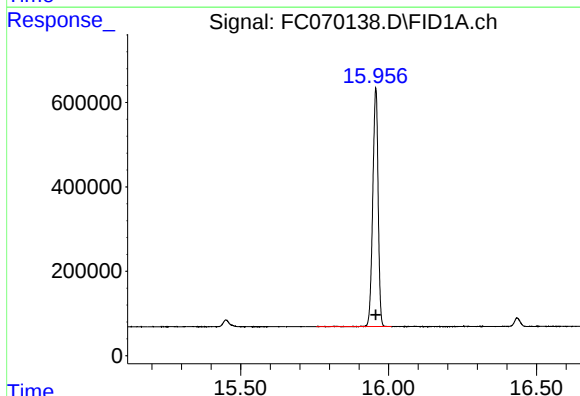
R.T.: 13.830 min
Delta R.T.: 0.000 min
Response: 7621069
Conc: 50.39 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



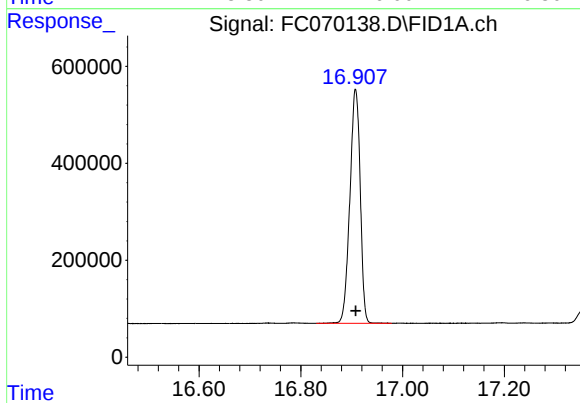
#14 n-Tetracosane (C24)

R.T.: 14.935 min
Delta R.T.: 0.000 min
Response: 7489893
Conc: 51.02 ug/ml



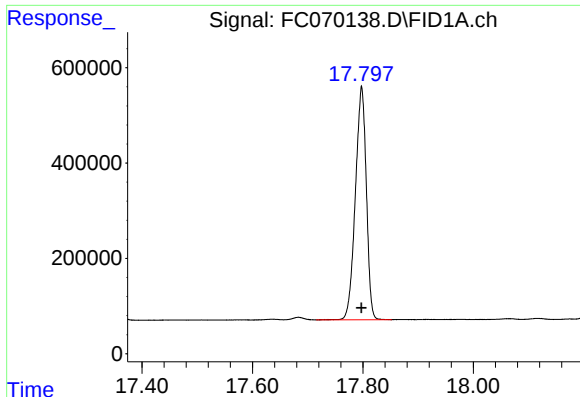
#15 n-Hexacosane (C26)

R.T.: 15.957 min
Delta R.T.: 0.000 min
Response: 7148134
Conc: 51.26 ug/ml



#16 n-Octacosane (C28)

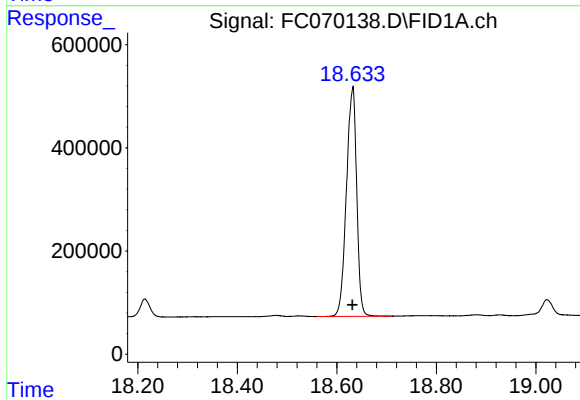
R.T.: 16.908 min
Delta R.T.: 0.000 min
Response: 6809724
Conc: 51.15 ug/ml



#17 n-Tricontane (C30)

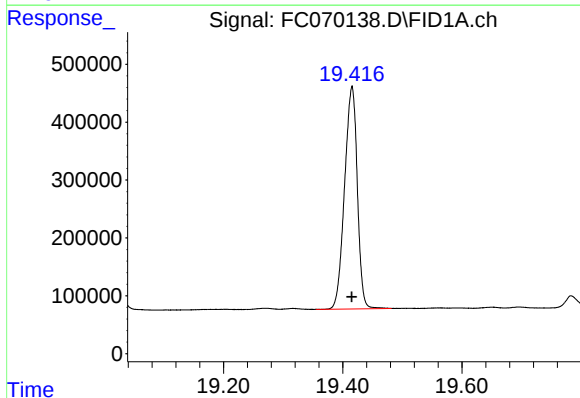
R.T.: 17.798 min
Delta R.T.: 0.000 min
Response: 6726310
Conc: 50.62 ug/ml

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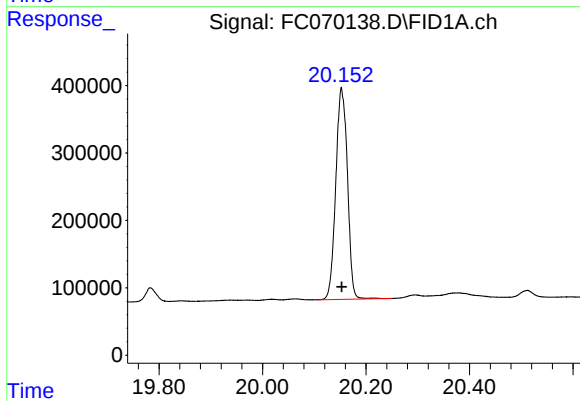
#18 n-Dotriacontane (C32)

R.T.: 18.631 min
Delta R.T.: 0.000 min
Response: 6378380
Conc: 50.19 ug/ml



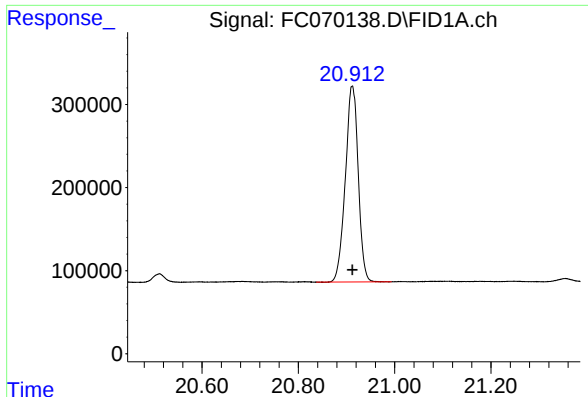
#19 n-Tetratriacontane (C34)

R.T.: 19.415 min
Delta R.T.: 0.000 min
Response: 5704418
Conc: 49.72 ug/ml



#20 n-Hexatriacontane (C36)

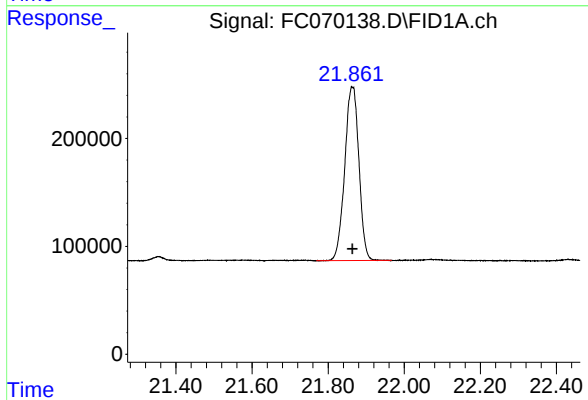
R.T.: 20.153 min
Delta R.T.: 0.000 min
Response: 4900061
Conc: 49.50 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.912 min
Delta R.T.: 0.000 min
Response: 4401584
Conc: 49.24 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



#22 n-Tetracontane (C40)

R.T.: 21.864 min
Delta R.T.: 0.000 min
Response: 4169791
Conc: 49.54 ug/ml