

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC100422AL\
 Data File : FC061697.D
 Signal(s) : FID1A.ch
 Acq On : 04 Oct 2022 10:43
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Oct 05 05:09:11 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 092022.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 20 18:33:32 2022
 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)	11.583	3534574	20.683 ug/ml
Spiked Amount 50.000		Recovery =	41.37%
12) S 1-chlorooctadecane (S...	13.020	2779596	20.347 ug/ml
Spiked Amount 50.000		Recovery =	40.69%
Target Compounds			
1) T n-Nonane (C9)	3.341	3076169	20.608 ug/ml
2) T n-Decane (C10)	4.408	3155414	20.919 ug/ml
3) T A~Naphthalene (C11.7)	5.992	3444661	20.772 ug/ml
4) T n-Dodecane (C12)	6.424	3218254	21.164 ug/ml
5) T A~2-methylnaphthalene...	7.048	3409166	20.725 ug/ml
6) T n-Tetradecane (C14)	8.222	3249386	21.313 ug/ml
7) T n-Hexadecane (C16)	9.824	3297401	21.325 ug/ml
8) T n-Octadecane (C18)	11.267	3343841	21.211 ug/ml
10) T n-Eicosane (C20)	12.576	3365335	21.118 ug/ml
11) T n-Heneicosane (C21)	13.189	3323922	20.718 ug/ml
13) T n-Docosane (C22)	13.775	3398929	21.156 ug/ml
14) T n-Tetracosane (C24)	14.878	3449738	21.535 ug/ml
15) T n-Hexacosane (C26)	15.898	3456810	21.806 ug/ml
16) T n-Octacosane (C28)	16.849	3433898	22.155 ug/ml
17) T n-Tricontane (C30)	17.736	3378923	21.957 ug/ml
18) T n-Dotriacontane (C32)	18.568	3174192	20.993 ug/ml
19) T n-Tetratriacontane (C34)	19.352	2820273	19.890 ug/ml
20) T n-Hexatriacontane (C36)	20.092	2656505	19.242 ug/ml
21) T n-Octatriacontane (C38)	20.829	2509078	19.374 ug/ml
22) T n-Tetracontane (C40)	21.745	2422106	19.820 ug/ml

(f)=RT Delta > 1/2 Window

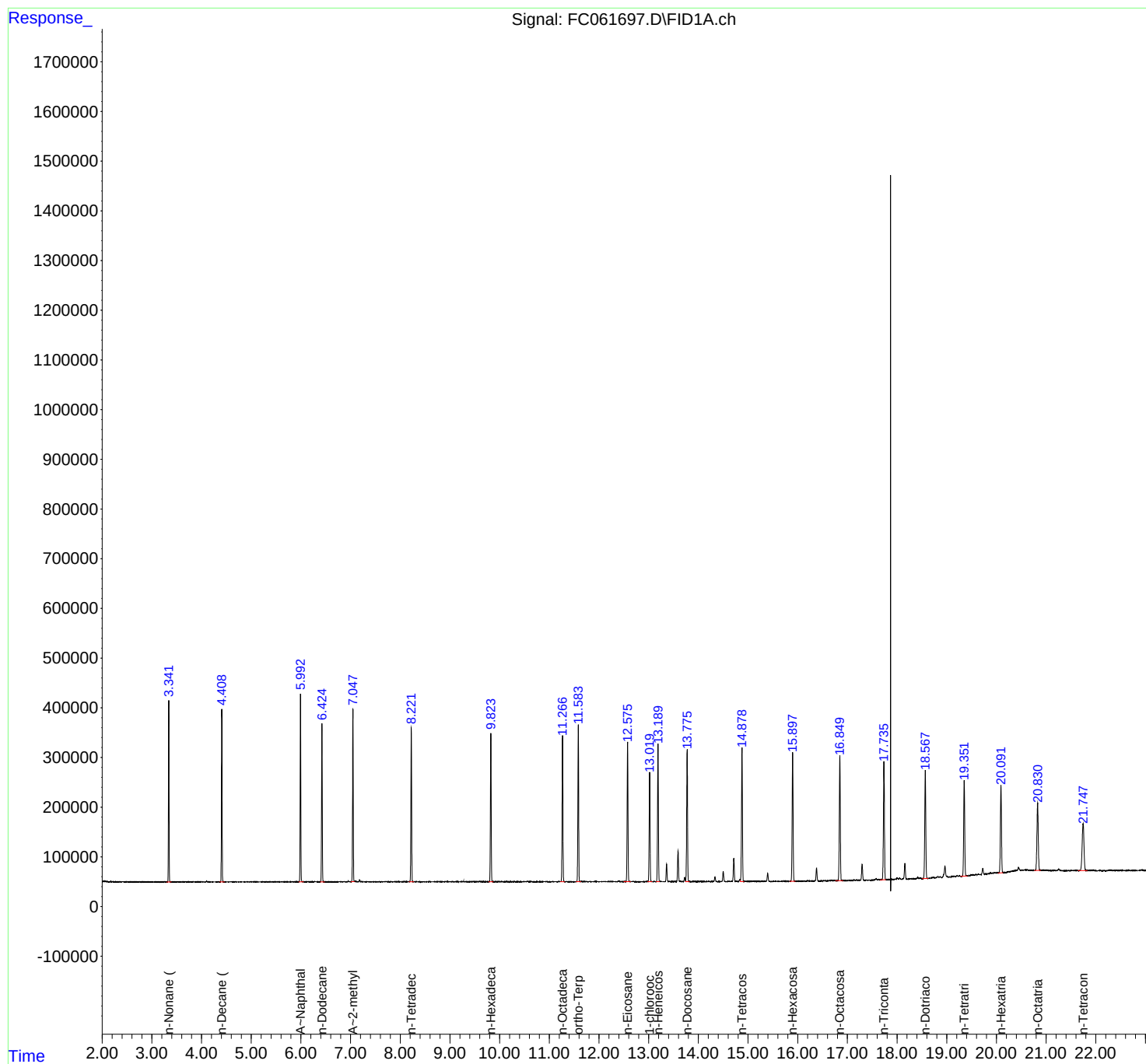
(m)=manual int.

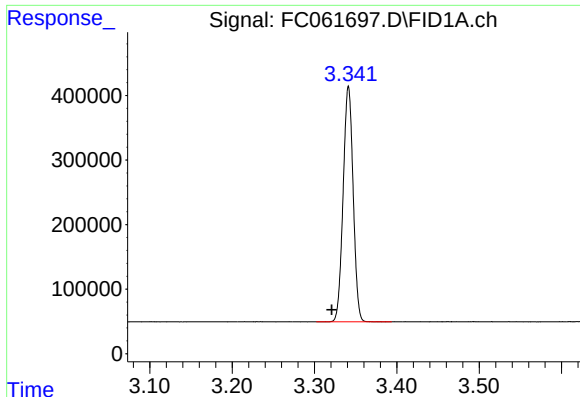
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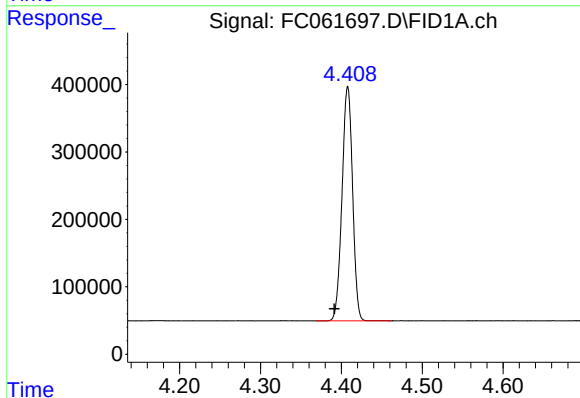




#1 n-Nonane (C9)

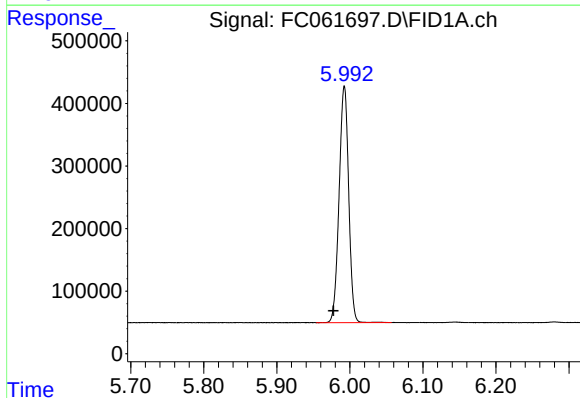
R.T.: 3.341 min
Delta R.T.: 0.020 min
Response: 3076169
Conc: 20.61 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



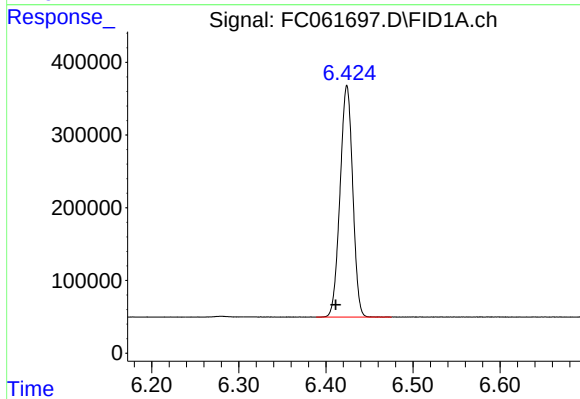
#2 n-Decane (C10)

R.T.: 4.408 min
Delta R.T.: 0.017 min
Response: 3155414
Conc: 20.92 ug/ml



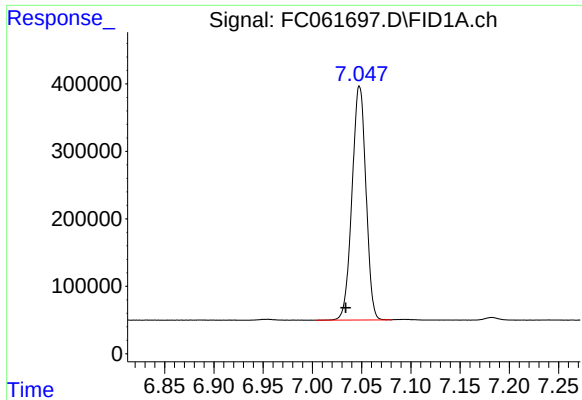
#3 A~Naphthalene (C11.7)

R.T.: 5.992 min
Delta R.T.: 0.015 min
Response: 3444661
Conc: 20.77 ug/ml



#4 n-Dodecane (C12)

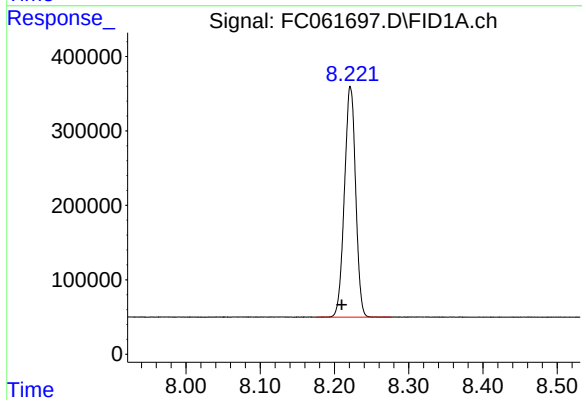
R.T.: 6.424 min
Delta R.T.: 0.013 min
Response: 3218254
Conc: 21.16 ug/ml



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

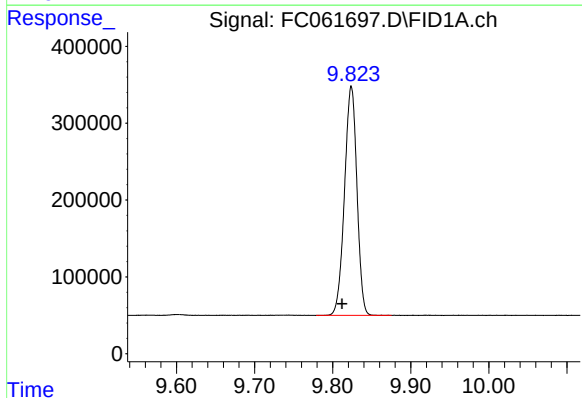
R.T.: 7.048 min
Delta R.T.: 0.014 min
Response: 3409166
Conc: 20.73 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



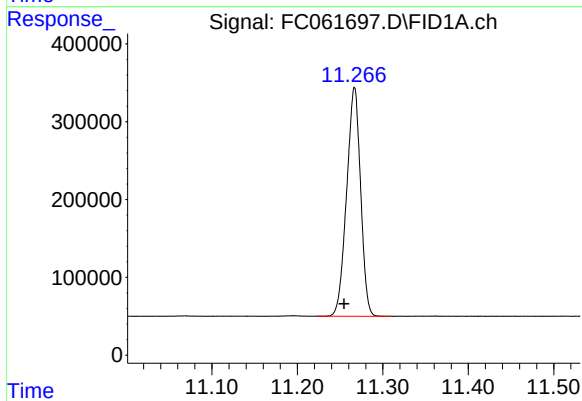
#6 n-Tetradecane (C14)

R.T.: 8.222 min
Delta R.T.: 0.012 min
Response: 3249386
Conc: 21.31 ug/ml



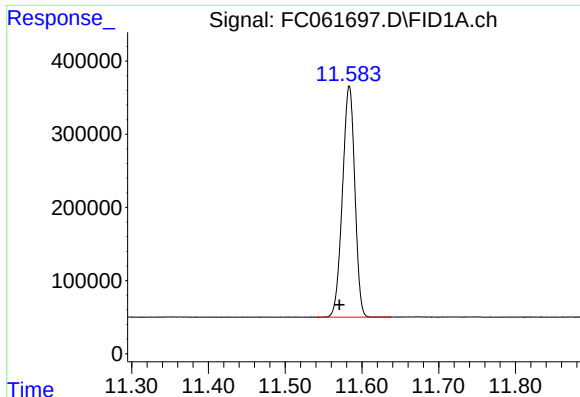
#7 n-Hexadecane (C16)

R.T.: 9.824 min
Delta R.T.: 0.012 min
Response: 3297401
Conc: 21.32 ug/ml



#8 n-Octadecane (C18)

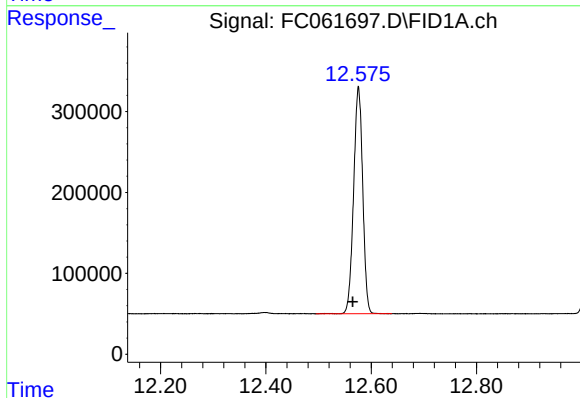
R.T.: 11.267 min
Delta R.T.: 0.012 min
Response: 3343841
Conc: 21.21 ug/ml



#9 ortho-Terphenyl (SURR)

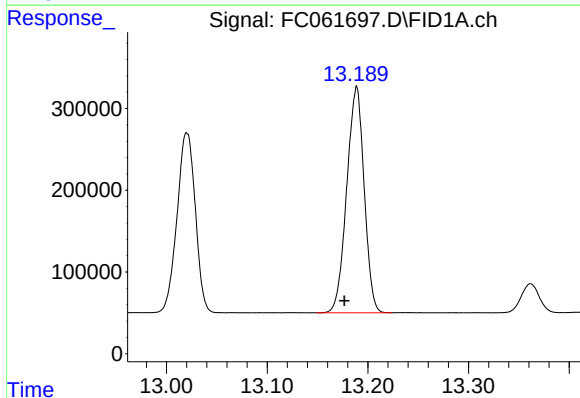
R.T.: 11.583 min
Delta R.T.: 0.013 min
Response: 3534574
Conc: 20.68 ug/ml

Instrument :
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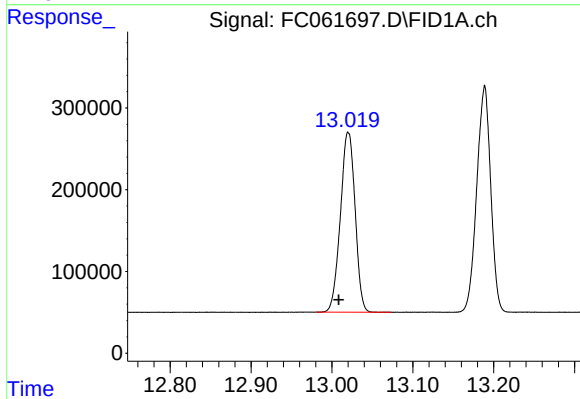
#10 n-Eicosane (C20)

R.T.: 12.576 min
Delta R.T.: 0.011 min
Response: 3365335
Conc: 21.12 ug/ml



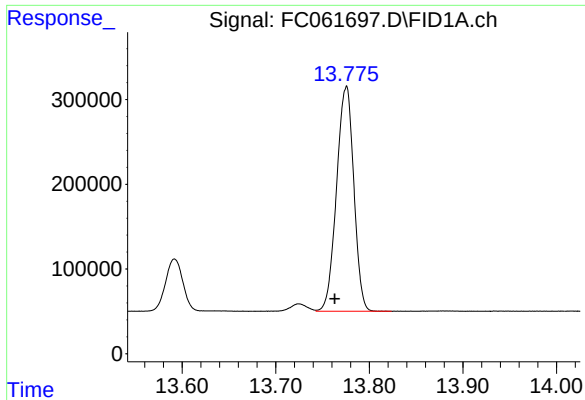
#11 n-Heneicosane (C21)

R.T.: 13.189 min
Delta R.T.: 0.012 min
Response: 3323922
Conc: 20.72 ug/ml



#12 1-chlorooctadecane (SURR)

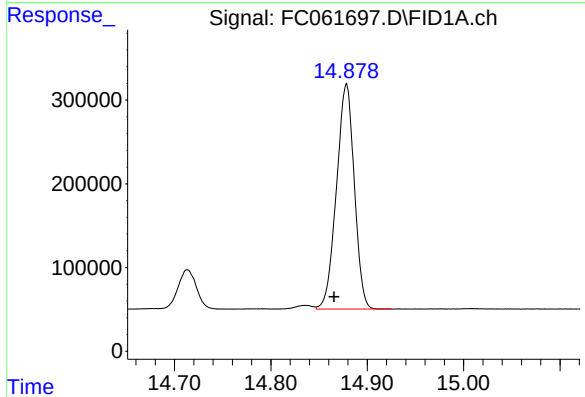
R.T.: 13.020 min
Delta R.T.: 0.012 min
Response: 2779596
Conc: 20.35 ug/ml



#13 n-Docosane (C22)

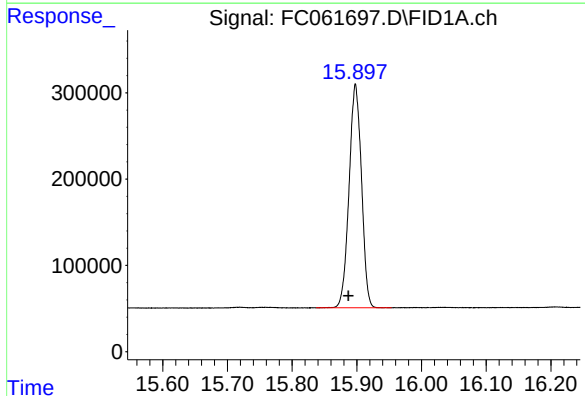
R.T.: 13.775 min
Delta R.T.: 0.012 min
Response: 3398929
Conc: 21.16 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



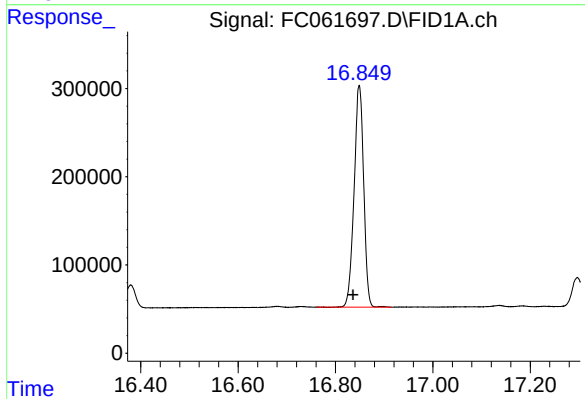
#14 n-Tetracosane (C24)

R.T.: 14.878 min
Delta R.T.: 0.013 min
Response: 3449738
Conc: 21.53 ug/ml



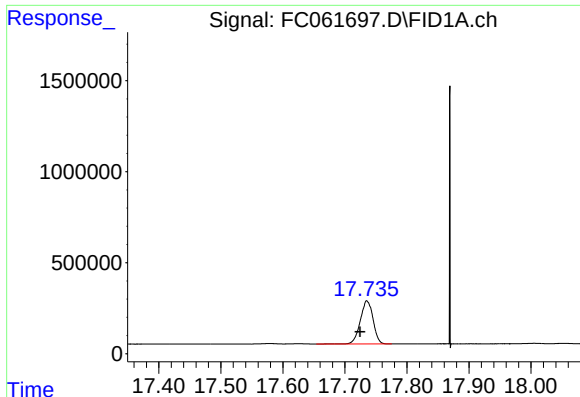
#15 n-Hexacosane (C26)

R.T.: 15.898 min
Delta R.T.: 0.011 min
Response: 3456810
Conc: 21.81 ug/ml



#16 n-Octacosane (C28)

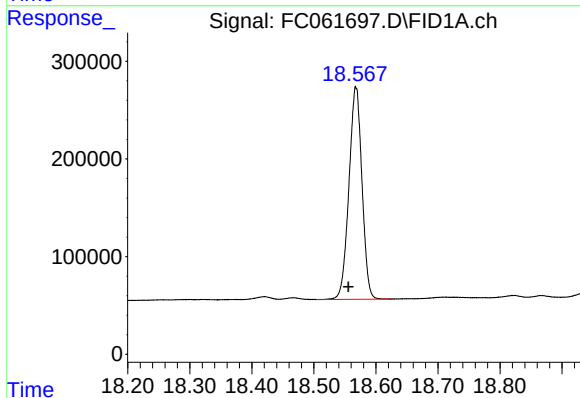
R.T.: 16.849 min
Delta R.T.: 0.013 min
Response: 3433898
Conc: 22.15 ug/ml



#17 n-Tricontane (C30)

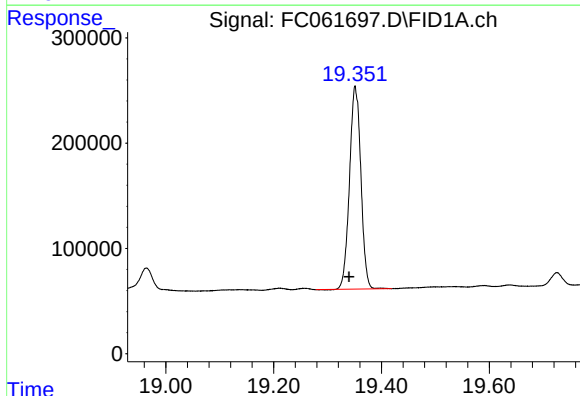
R.T.: 17.736 min
Delta R.T.: 0.012 min
Response: 3378923
Conc: 21.96 ug/ml

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20 PPM ALIPHATIC HC STD



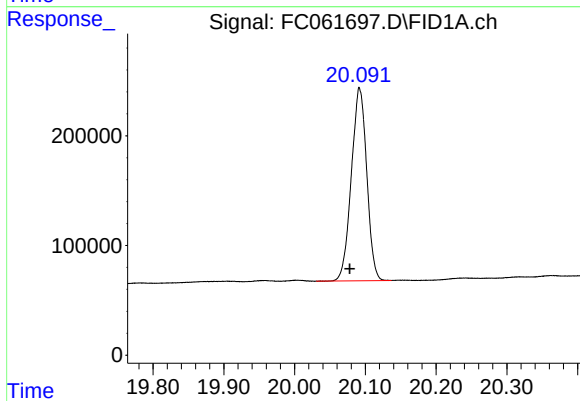
#18 n-Dotriacontane (C32)

R.T.: 18.568 min
Delta R.T.: 0.012 min
Response: 3174192
Conc: 20.99 ug/ml



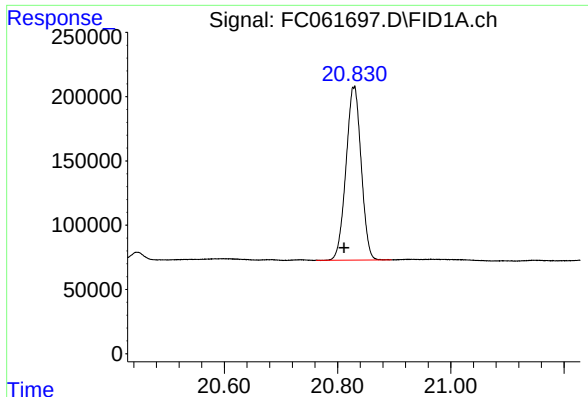
#19 n-Tetratriacontane (C34)

R.T.: 19.352 min
Delta R.T.: 0.012 min
Response: 2820273
Conc: 19.89 ug/ml



#20 n-Hexatriacontane (C36)

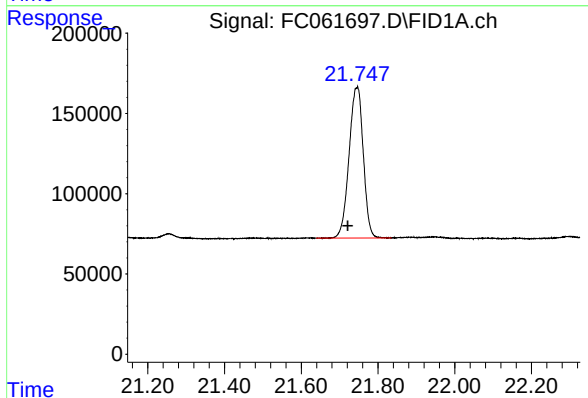
R.T.: 20.092 min
Delta R.T.: 0.014 min
Response: 2656505
Conc: 19.24 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.829 min
Delta R.T.: 0.018 min
Response: 2509078
Conc: 19.37 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.745 min
Delta R.T.: 0.024 min
Response: 2422106
Conc: 19.82 ug/ml