

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC101122AL\
 Data File : FC061748.D
 Signal(s) : FID1A.ch
 Acq On : 11 Oct 2022 10:01
 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 12 06:18:23 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)	11.581	3438240	20.119 ug/ml
Spiked Amount 50.000		Recovery =	40.24%
12) S 1-chlorooctadecane (S...	13.017	2726113	19.955 ug/ml
Spiked Amount 50.000		Recovery =	39.91%
Target Compounds			
1) T n-Nonane (C9)	3.345	2926305	19.604 ug/ml
2) T n-Decane (C10)	4.411	3030780	20.092 ug/ml
3) T A~Naphthalene (C11.7)	5.993	3287955	19.827 ug/ml
4) T n-Dodecane (C12)	6.426	3081488	20.265 ug/ml
5) T A~2-methylnaphthalene...	7.049	3273630	19.901 ug/ml
6) T n-Tetradecane (C14)	8.222	3121384	20.474 ug/ml
7) T n-Hexadecane (C16)	9.823	3187119	20.612 ug/ml
8) T n-Octadecane (C18)	11.265	3259933	20.679 ug/ml
10) T n-Eicosane (C20)	12.574	3290846	20.651 ug/ml
11) T n-Heneicosane (C21)	13.185	3259387	20.315 ug/ml
13) T n-Docosane (C22)	13.771	3338944	20.782 ug/ml
14) T n-Tetracosane (C24)	14.873	3399075	21.219 ug/ml
15) T n-Hexacosane (C26)	15.893	3412224	21.524 ug/ml
16) T n-Octacosane (C28)	16.843	3438191	22.182 ug/ml
17) T n-Tricontane (C30)	17.729	3468602	22.539 ug/ml
18) T n-Dotriacontane (C32)	18.561	3290015	21.759 ug/ml
19) T n-Tetratriacontane (C34)	19.345	2859925	20.170 ug/ml
20) T n-Hexatriacontane (C36)	20.084	2651386	19.205 ug/ml
21) T n-Octatriacontane (C38)	20.819	2482565	19.170 ug/ml
22) T n-Tetracontane (C40)	21.732	2343878	19.180 ug/ml

(f)=RT Delta > 1/2 Window

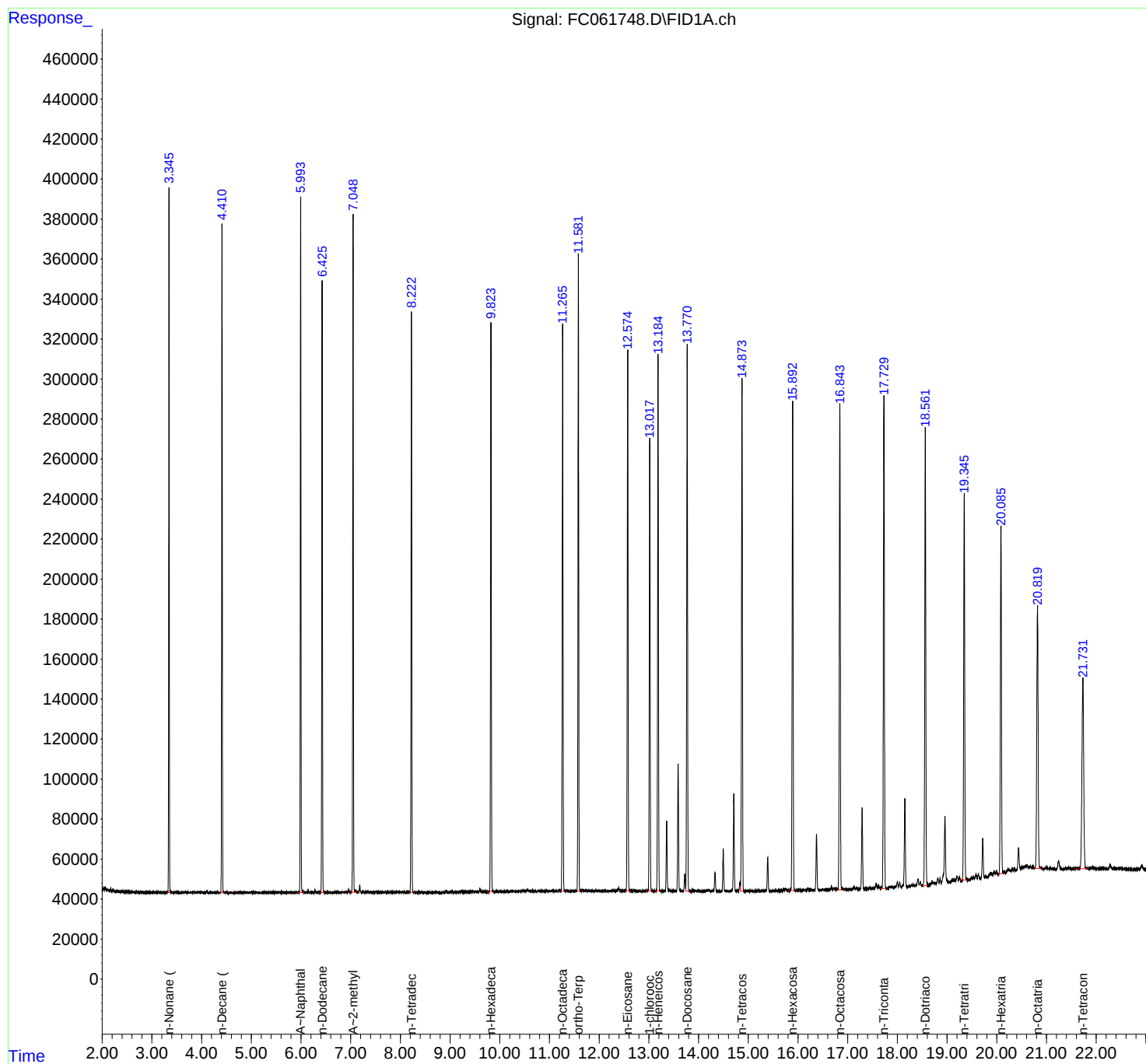
(m)=manual int.

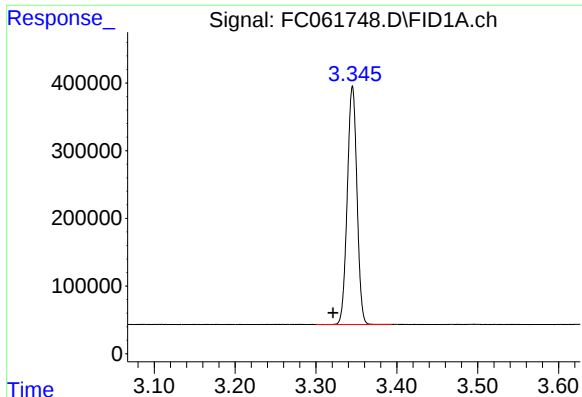
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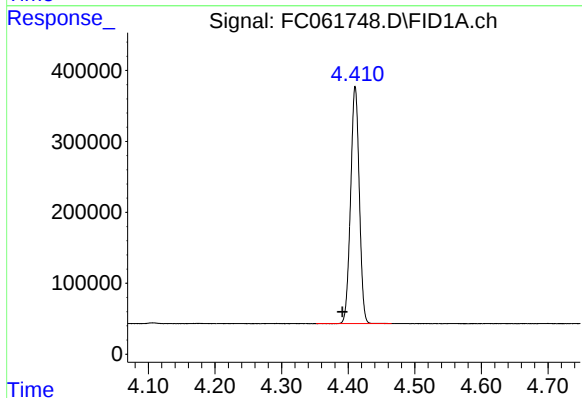




#1 n-Nonane (C9)

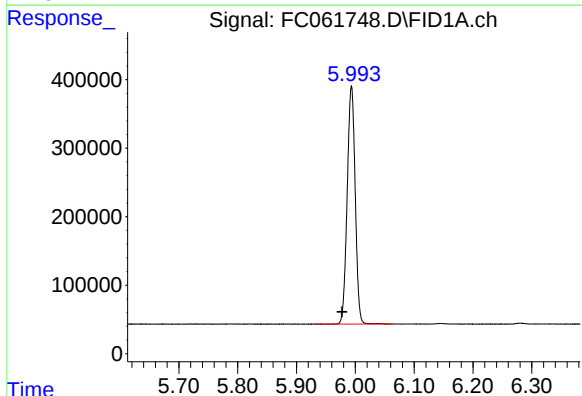
R.T.: 3.345 min
Delta R.T.: 0.024 min
Response: 2926305
Conc: 19.60 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



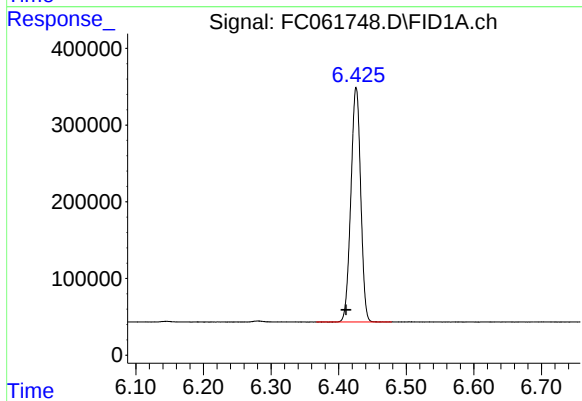
#2 n-Decane (C10)

R.T.: 4.411 min
Delta R.T.: 0.019 min
Response: 3030780
Conc: 20.09 ug/ml



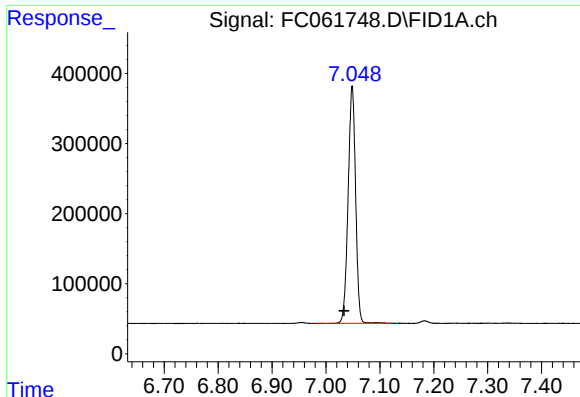
#3 A~Naphthalene (C11.7)

R.T.: 5.993 min
Delta R.T.: 0.016 min
Response: 3287955
Conc: 19.83 ug/ml



#4 n-Dodecane (C12)

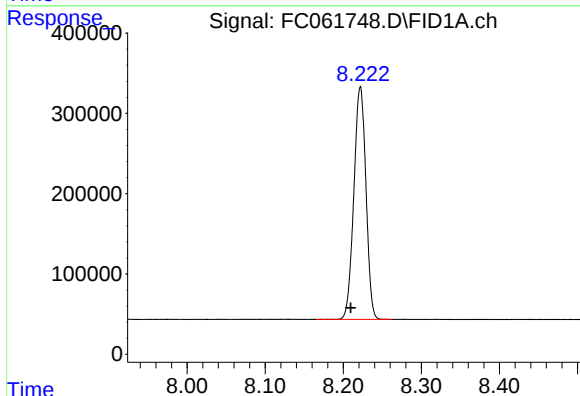
R.T.: 6.426 min
Delta R.T.: 0.015 min
Response: 3081488
Conc: 20.26 ug/ml



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

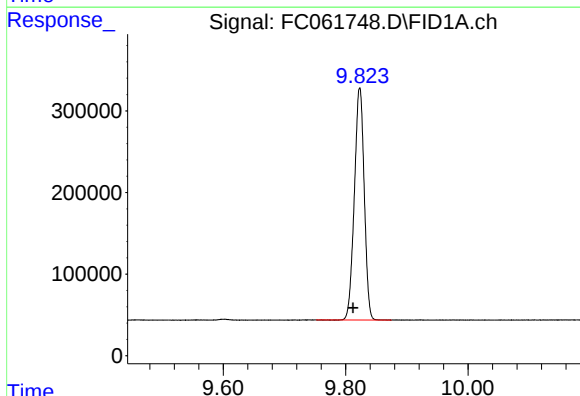
R.T.: 7.049 min
Delta R.T.: 0.015 min
Response: 3273630
Conc: 19.90 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



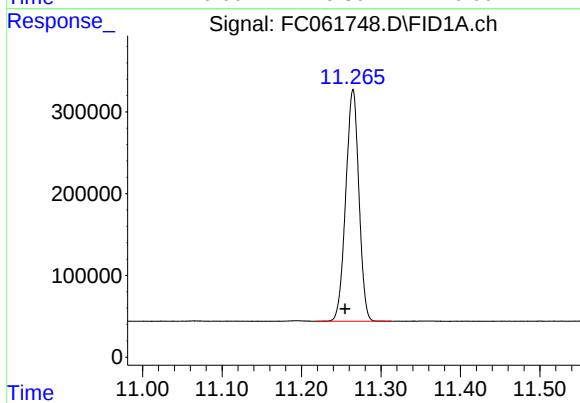
#6 n-Tetradecane (C14)

R.T.: 8.222 min
Delta R.T.: 0.012 min
Response: 3121384
Conc: 20.47 ug/ml



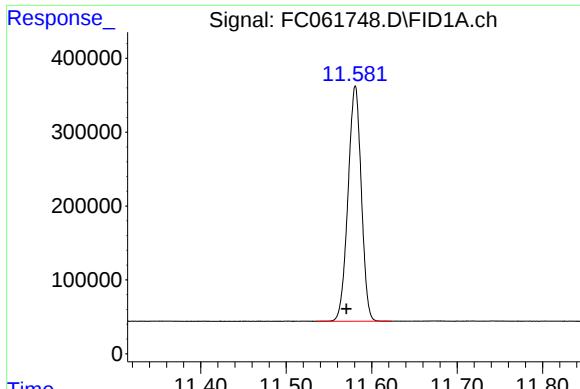
#7 n-Hexadecane (C16)

R.T.: 9.823 min
Delta R.T.: 0.011 min
Response: 3187119
Conc: 20.61 ug/ml



#8 n-Octadecane (C18)

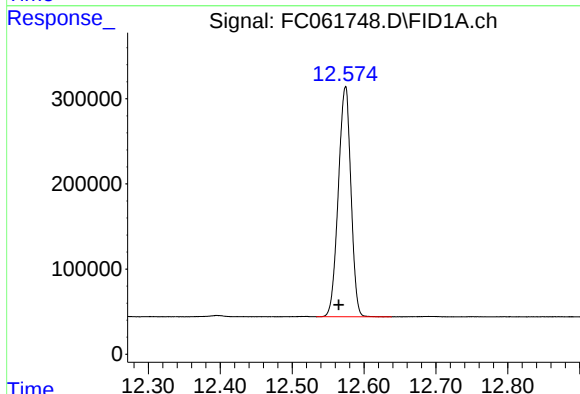
R.T.: 11.265 min
Delta R.T.: 0.010 min
Response: 3259933
Conc: 20.68 ug/ml



#9 ortho-Terphenyl (SURR)

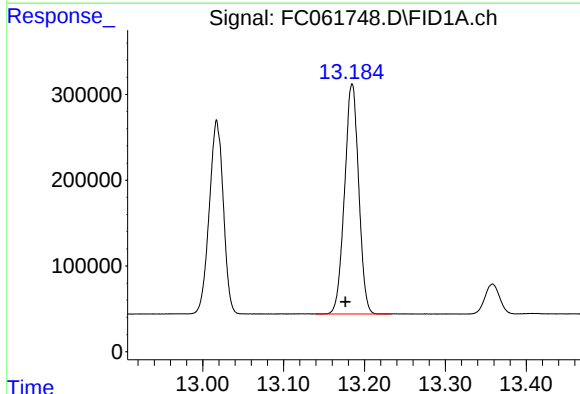
R.T.: 11.581 min
Delta R.T.: 0.010 min
Response: 3438240
Conc: 20.12 ug/ml

Instrument :
FID_C
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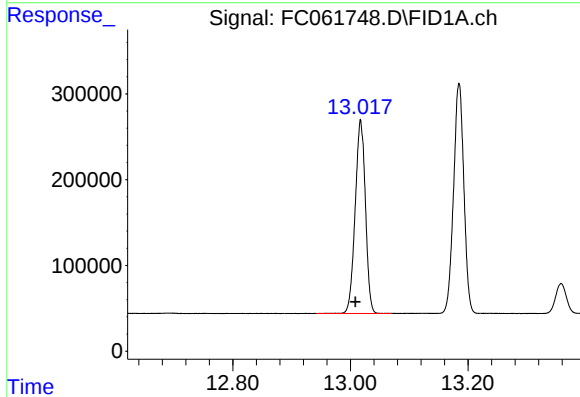
#10 n-Eicosane (C20)

R.T.: 12.574 min
Delta R.T.: 0.009 min
Response: 3290846
Conc: 20.65 ug/ml



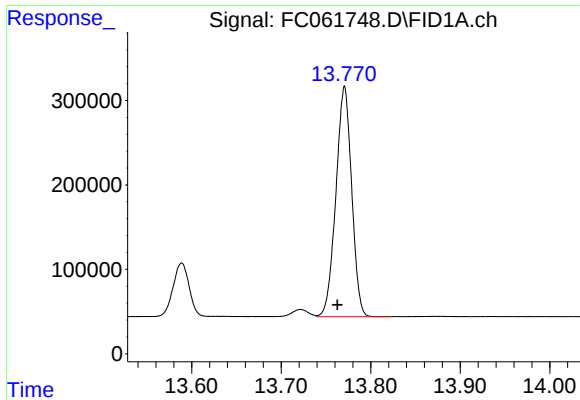
#11 n-Heneicosane (C21)

R.T.: 13.185 min
Delta R.T.: 0.008 min
Response: 3259387
Conc: 20.32 ug/ml



#12 1-chlorooctadecane (SURR)

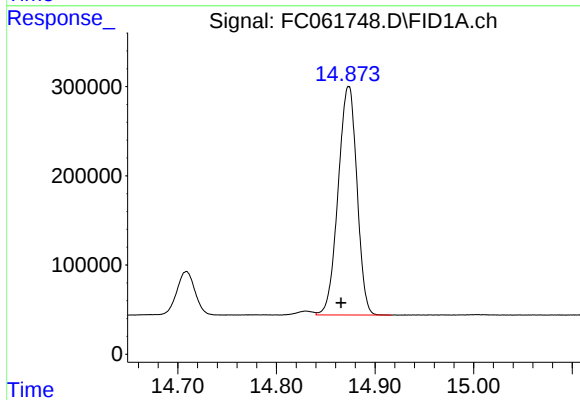
R.T.: 13.017 min
Delta R.T.: 0.009 min
Response: 2726113
Conc: 19.96 ug/ml



#13 n-Docosane (C22)

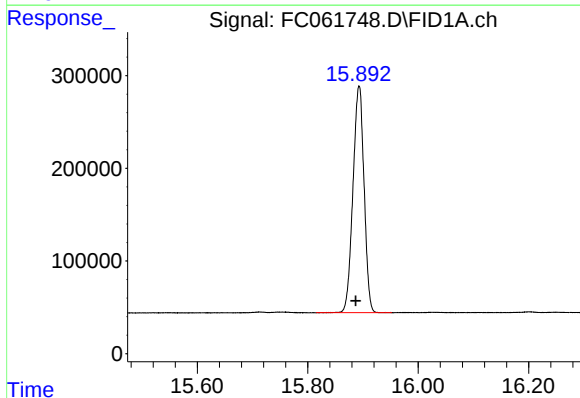
R.T.: 13.771 min
Delta R.T.: 0.008 min
Response: 3338944
Conc: 20.78 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



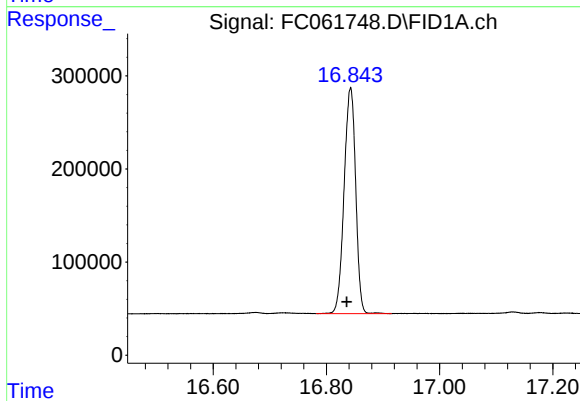
#14 n-Tetracosane (C24)

R.T.: 14.873 min
Delta R.T.: 0.007 min
Response: 3399075
Conc: 21.22 ug/ml



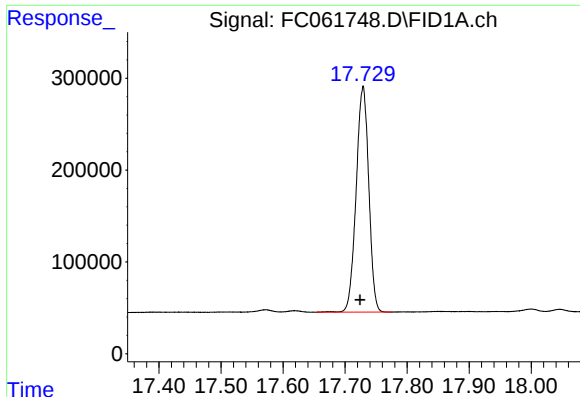
#15 n-Hexacosane (C26)

R.T.: 15.893 min
Delta R.T.: 0.006 min
Response: 3412224
Conc: 21.52 ug/ml



#16 n-Octacosane (C28)

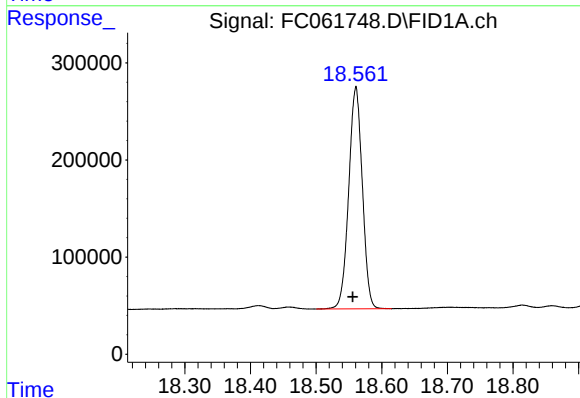
R.T.: 16.843 min
Delta R.T.: 0.006 min
Response: 3438191
Conc: 22.18 ug/ml



#17 n-Tricontane (C30)

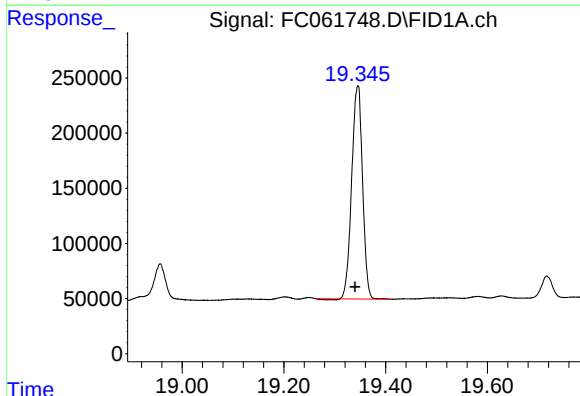
R.T.: 17.729 min
Delta R.T.: 0.005 min
Response: 3468602
Conc: 22.54 ug/ml

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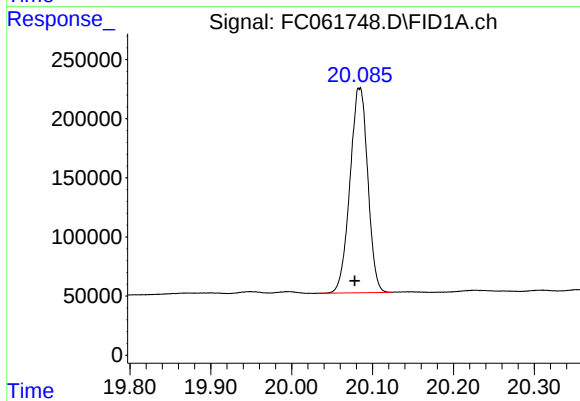
#18 n-Dotriacontane (C32)

R.T.: 18.561 min
Delta R.T.: 0.005 min
Response: 3290015
Conc: 21.76 ug/ml



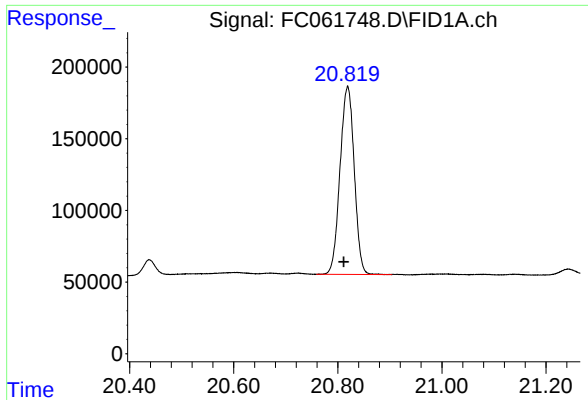
#19 n-Tetratriacontane (C34)

R.T.: 19.345 min
Delta R.T.: 0.005 min
Response: 2859925
Conc: 20.17 ug/ml



#20 n-Hexatriacontane (C36)

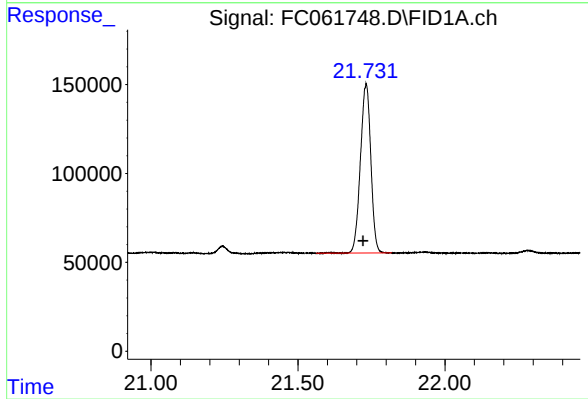
R.T.: 20.084 min
Delta R.T.: 0.006 min
Response: 2651386
Conc: 19.21 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.819 min
Delta R.T.: 0.007 min
Response: 2482565
Conc: 19.17 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.732 min
Delta R.T.: 0.010 min
Response: 2343878
Conc: 19.18 ug/ml