

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC111823AL\
 Data File : FC065217.D
 Signal(s) : FID1A.ch
 Acq On : 18 Nov 2023 14:09
 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: Nov 20 04:11:05 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102823.M
 Quant Title : GC Extractables
 QLast Update : Sat Oct 28 02:12:00 2023
 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)	11.511	4300317	19.539 ug/ml
Spiked Amount 50.000		Recovery =	39.08%
12) S 1-chlorooctadecane (S...	12.943	3106378	19.650 ug/ml
Spiked Amount 50.000		Recovery =	39.30%
Target Compounds			
1) T n-Nonane (C9)	3.308	3839811	20.309 ug/ml
2) T n-Decane (C10)	4.369	3894308	20.481 ug/ml
3) T A~Naphthalene (C11.7)	5.950	3889756	20.146 ug/ml
4) T n-Dodecane (C12)	6.380	3904080	20.210 ug/ml
5) T A~2-methylnaphthalene...	7.004	3816946	20.771 ug/ml
6) T n-Tetradecane (C14)	8.168	3773221	19.997 ug/ml
7) T n-Hexadecane (C16)	9.763	3750670	19.842 ug/ml
8) T n-Octadecane (C18)	11.197	3673848	19.466 ug/ml
10) T n-Eicosane (C20)	12.501	3491289	19.420 ug/ml
11) T n-Heneicosane (C21)	13.110	3407455	19.408 ug/ml
13) T n-Docosane (C22)	13.694	3351117	19.509 ug/ml
14) T n-Tetracosane (C24)	14.792	3238744	19.445 ug/ml
15) T n-Hexacosane (C26)	15.808	3125847	19.475 ug/ml
16) T n-Octacosane (C28)	16.754	2962058	18.927 ug/ml
17) T n-Tricontane (C30)	17.638	3074127	19.408 ug/ml
18) T n-Dotriacontane (C32)	18.467	3059939	19.380 ug/ml
19) T n-Tetratriacontane (C34)	19.249	2978181	19.511 ug/ml
20) T n-Hexatriacontane (C36)	19.985	2873875	19.047 ug/ml
21) T n-Octatriacontane (C38)	20.706	2911968	19.568 ug/ml
22) T n-Tetracontane (C40)	21.585	2875460	19.550 ug/ml

(f)=RT Delta > 1/2 Window

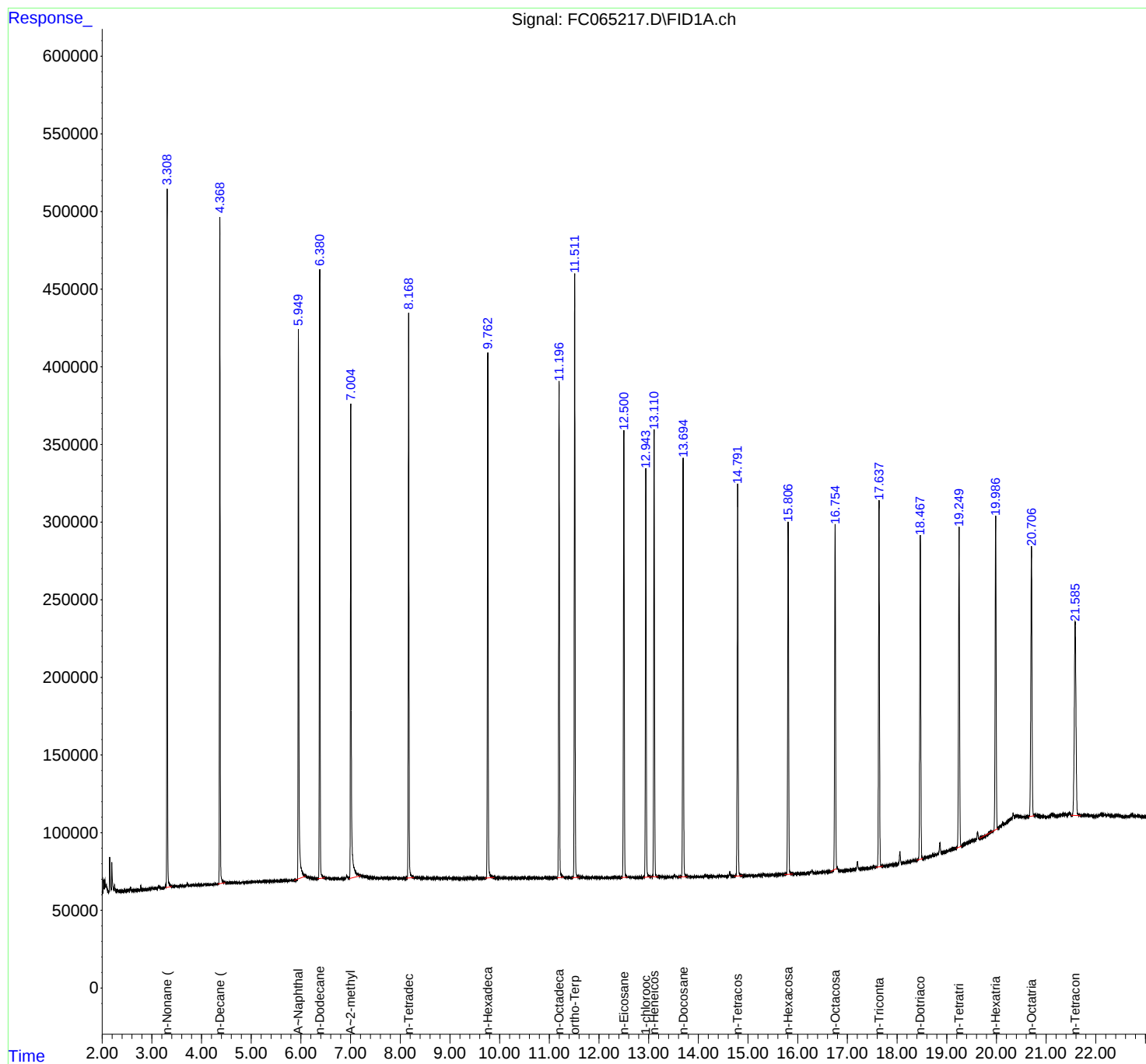
(m)=manual int.

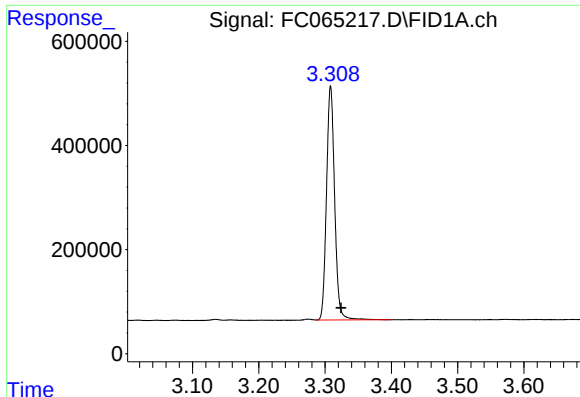
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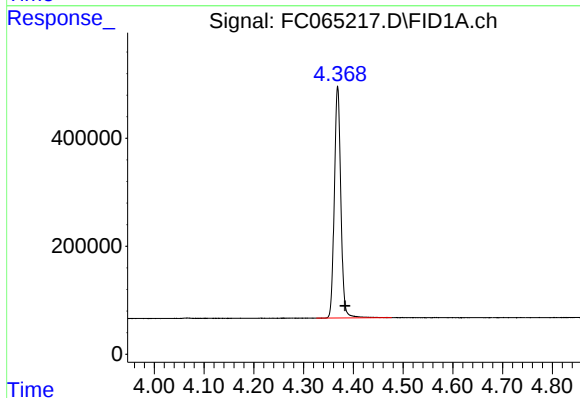




#1 n-Nonane (C9)

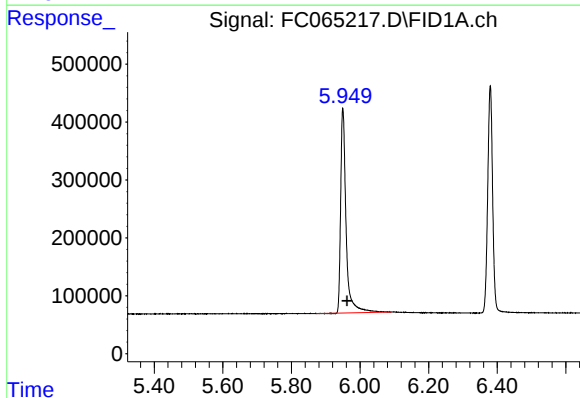
R.T.: 3.308 min
Delta R.T.: -0.016 min
Response: 3839811
Conc: 20.31 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



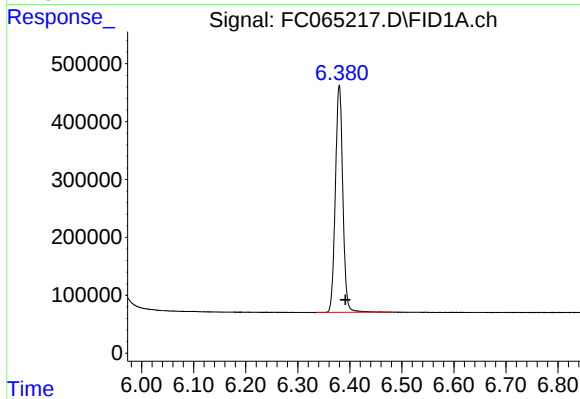
#2 n-Decane (C10)

R.T.: 4.369 min
Delta R.T.: -0.015 min
Response: 3894308
Conc: 20.48 ug/ml



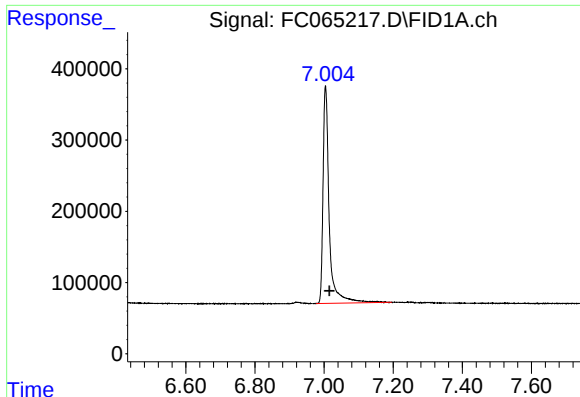
#3 A~Naphthalene (C11.7)

R.T.: 5.950 min
Delta R.T.: -0.013 min
Response: 3889756
Conc: 20.15 ug/ml



#4 n-Dodecane (C12)

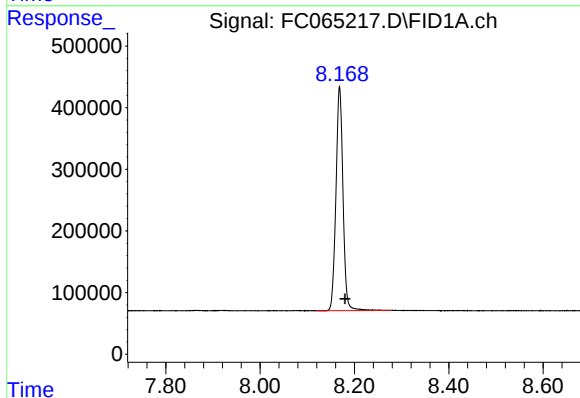
R.T.: 6.380 min
Delta R.T.: -0.012 min
Response: 3904080
Conc: 20.21 ug/ml



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

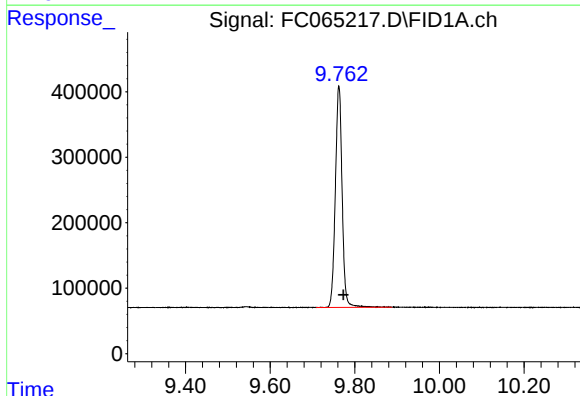
R.T.: 7.004 min
Delta R.T.: -0.012 min
Response: 3816946
Conc: 20.77 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



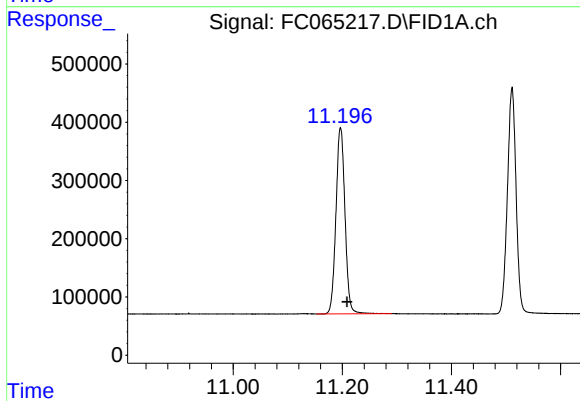
#6 n-Tetradecane (C14)

R.T.: 8.168 min
Delta R.T.: -0.011 min
Response: 3773221
Conc: 20.00 ug/ml



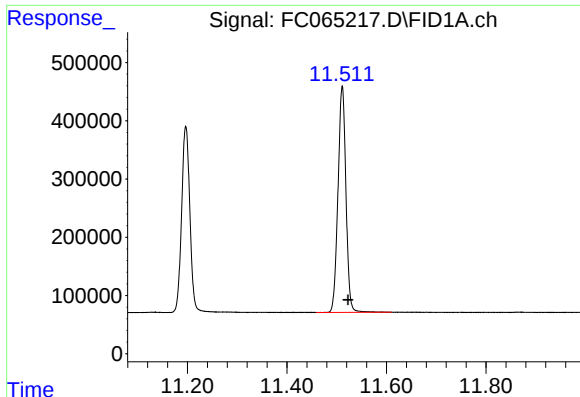
#7 n-Hexadecane (C16)

R.T.: 9.763 min
Delta R.T.: -0.011 min
Response: 3750670
Conc: 19.84 ug/ml



#8 n-Octadecane (C18)

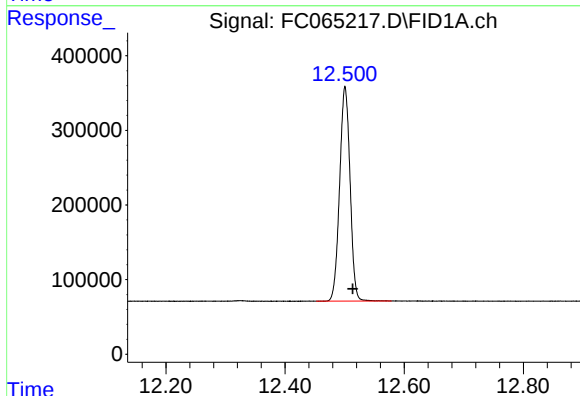
R.T.: 11.197 min
Delta R.T.: -0.012 min
Response: 3673848
Conc: 19.47 ug/ml



#9 ortho-Terphenyl (SURR)

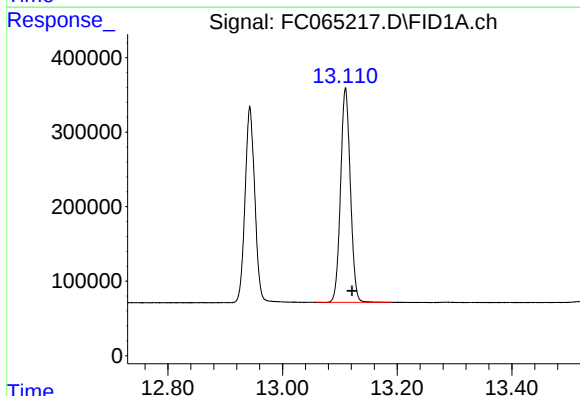
R.T.: 11.511 min
Delta R.T.: -0.012 min
Response: 4300317
Conc: 19.54 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



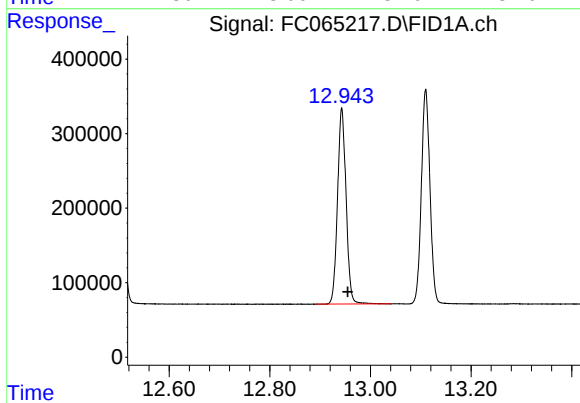
#10 n-Eicosane (C20)

R.T.: 12.501 min
Delta R.T.: -0.013 min
Response: 3491289
Conc: 19.42 ug/ml



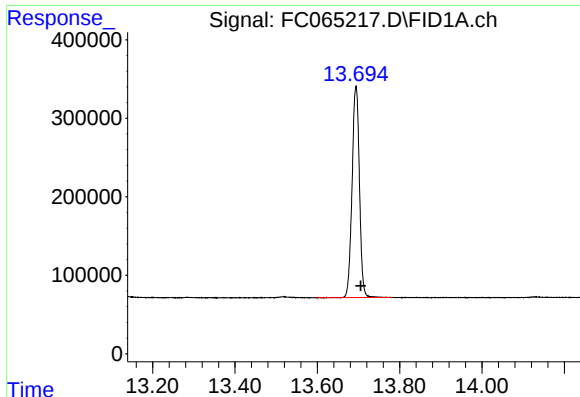
#11 n-Heneicosane (C21)

R.T.: 13.110 min
Delta R.T.: -0.012 min
Response: 3407455
Conc: 19.41 ug/ml



#12 1-chlorooctadecane (SURR)

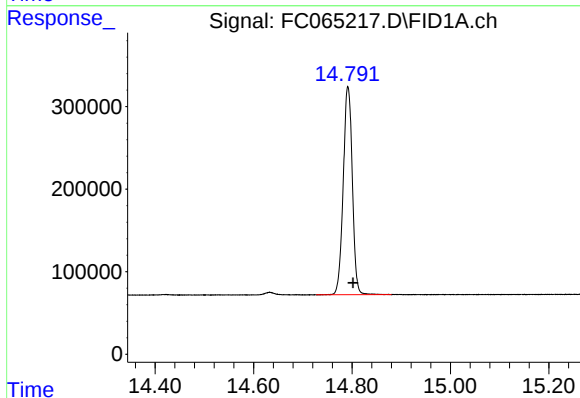
R.T.: 12.943 min
Delta R.T.: -0.012 min
Response: 3106378
Conc: 19.65 ug/ml



#13 n-Docosane (C22)

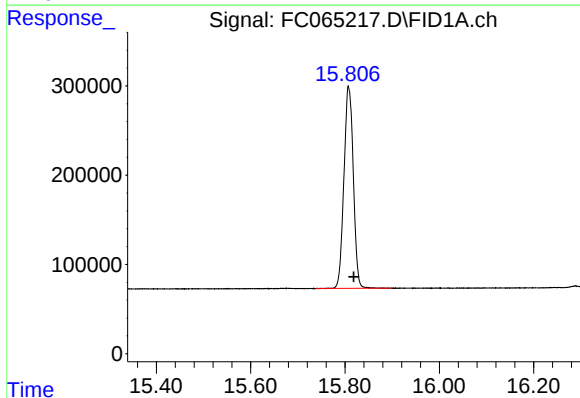
R.T.: 13.694 min
Delta R.T.: -0.011 min
Response: 3351117
Conc: 19.51 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



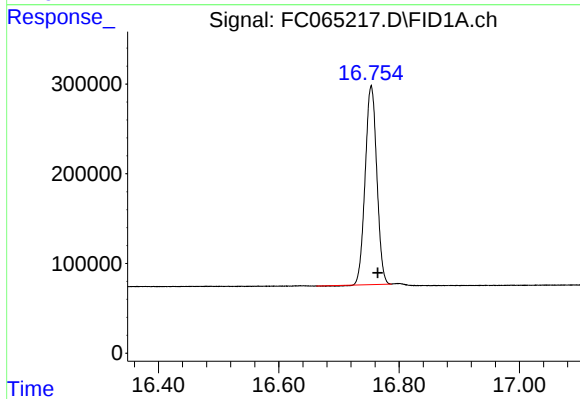
#14 n-Tetracosane (C24)

R.T.: 14.792 min
Delta R.T.: -0.011 min
Response: 3238744
Conc: 19.45 ug/ml



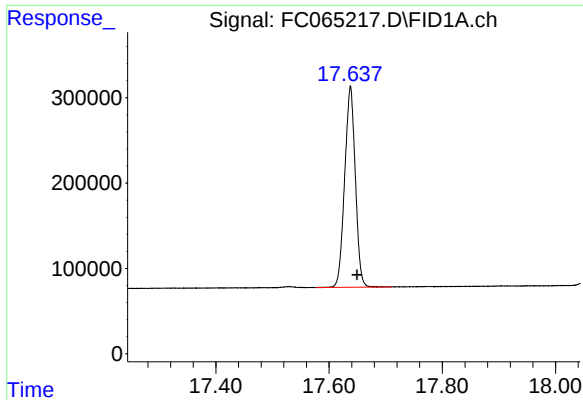
#15 n-Hexacosane (C26)

R.T.: 15.808 min
Delta R.T.: -0.011 min
Response: 3125847
Conc: 19.47 ug/ml



#16 n-Octacosane (C28)

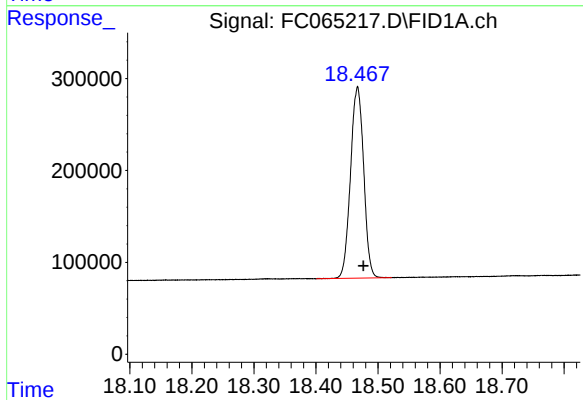
R.T.: 16.754 min
Delta R.T.: -0.011 min
Response: 2962058
Conc: 18.93 ug/ml



#17 n-Tricontane (C30)

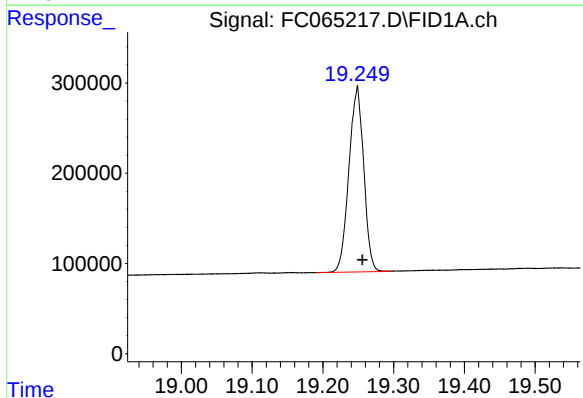
R.T.: 17.638 min
Delta R.T.: -0.011 min
Response: 3074127
Conc: 19.41 ug/ml

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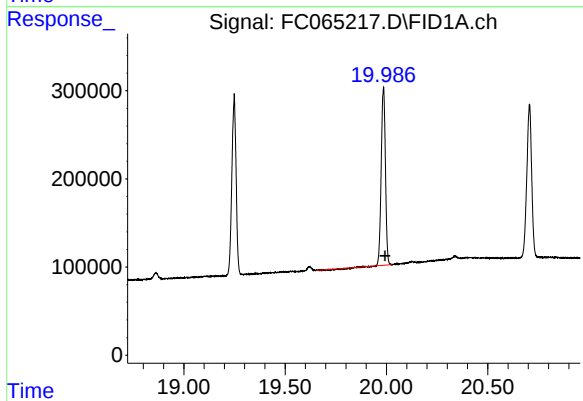
#18 n-Dotriacontane (C32)

R.T.: 18.467 min
Delta R.T.: -0.010 min
Response: 3059939
Conc: 19.38 ug/ml



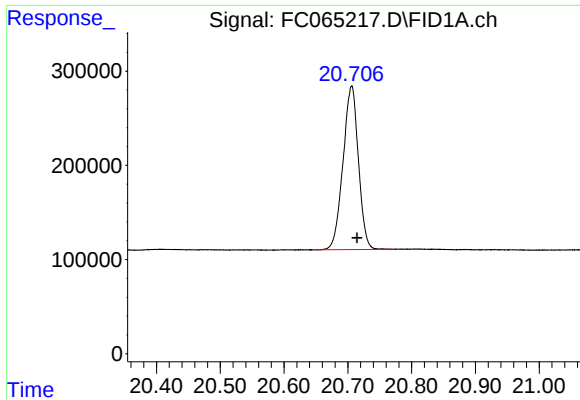
#19 n-Tetratriacontane (C34)

R.T.: 19.249 min
Delta R.T.: -0.007 min
Response: 2978181
Conc: 19.51 ug/ml



#20 n-Hexatriacontane (C36)

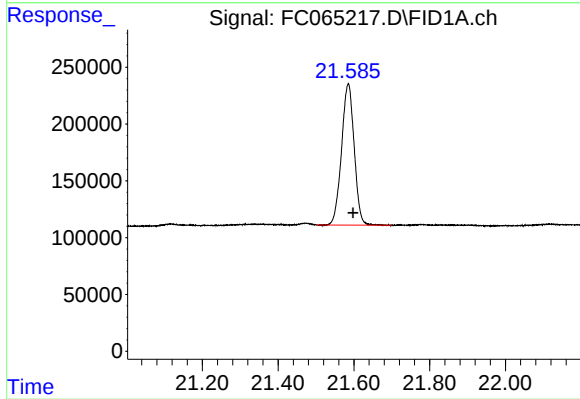
R.T.: 19.985 min
Delta R.T.: -0.008 min
Response: 2873875
Conc: 19.05 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.706 min
Delta R.T.: -0.009 min
Response: 2911968
Conc: 19.57 ug/ml

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FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.585 min
Delta R.T.: -0.013 min
Response: 2875460
Conc: 19.55 ug/ml