

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC020224AL\
 Data File : FC065601.D
 Signal(s) : FID1A.ch
 Acq On : 02 Feb 2024 16:24
 Operator : YP/AJ
 Sample : PB158783BSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Feb 05 04:01:42 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 010824.M
 Quant Title : GC Extractables
 QLast Update : Mon Jan 08 15:12:33 2024
 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)	11.496	8891330	48.893 ug/ml
Spiked Amount 50.000		Recovery =	97.79%
12) S 1-chlorooctadecane (S...	12.926	7371777	54.688 ug/ml
Spiked Amount 50.000		Recovery =	109.38%
Target Compounds			
1) T n-Nonane (C9)	3.298	7535079	48.236 ug/ml
2) T n-Decane (C10)	4.355	8091767	51.150 ug/ml
3) T A~Naphthalene (C11.7)	5.934	9365216	56.002 ug/ml
4) T n-Dodecane (C12)	6.363	8626138	53.765 ug/ml
5) T A~2-methylnaphthalene...	6.989	9304733	60.298 ug/ml
6) T n-Tetradecane (C14)	8.153	8662394	55.231 ug/ml
7) T n-Hexadecane (C16)	9.746	8481769	53.036 ug/ml
8) T n-Octadecane (C18)	11.182	8631512	52.700 ug/ml
10) T n-Eicosane (C20)	12.485	8605433	54.027 ug/ml
11) T n-Heneicosane (C21)	13.093	8391216	53.483 ug/ml
13) T n-Docosane (C22)	13.676	8286516	53.074 ug/ml
14) T n-Tetracosane (C24)	14.771	17911314	115.238 ug/mlm
15) T n-Hexacosane (C26)	15.791	8149707	53.087 ug/ml
16) T n-Octacosane (C28)	16.734	9242593	61.321 ug/ml
17) T n-Tricontane (C30)	17.620	8158138	53.416 ug/ml
18) T n-Dotriacontane (C32)	18.447	8193050	54.413 ug/ml
19) T n-Tetratriacontane (C34)	19.227	7649219	53.274 ug/ml
20) T n-Hexatriacontane (C36)	19.963	7144673	51.864 ug/ml
21) T n-Octatriacontane (C38)	20.680	7040005	50.884 ug/ml
22) T n-Tetracontane (C40)	21.554	6891994	49.808 ug/ml

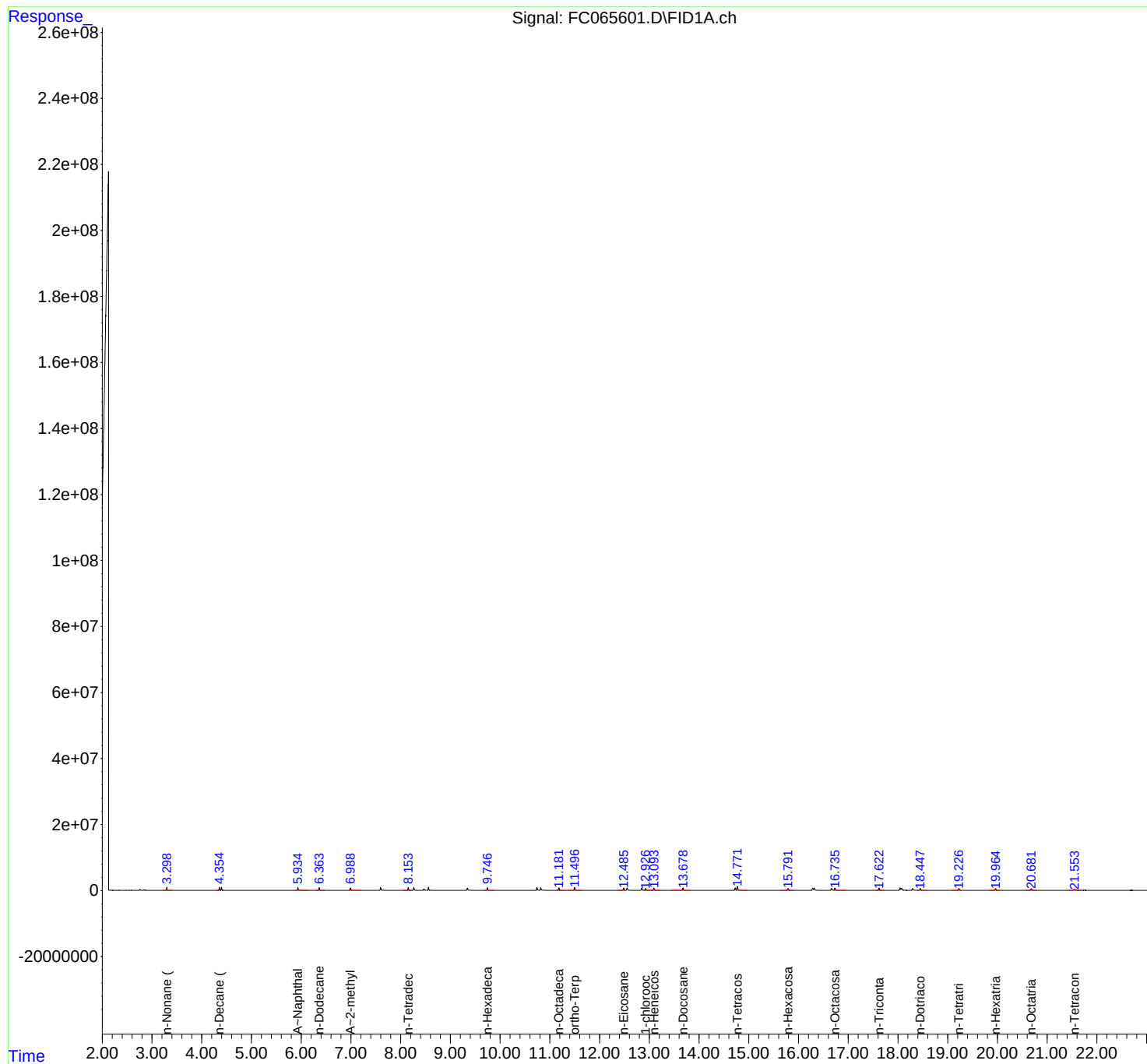
(f)=RT Delta > 1/2 Window

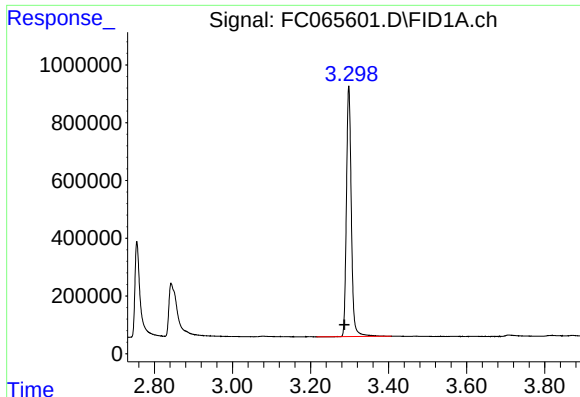
(m)=manual int.

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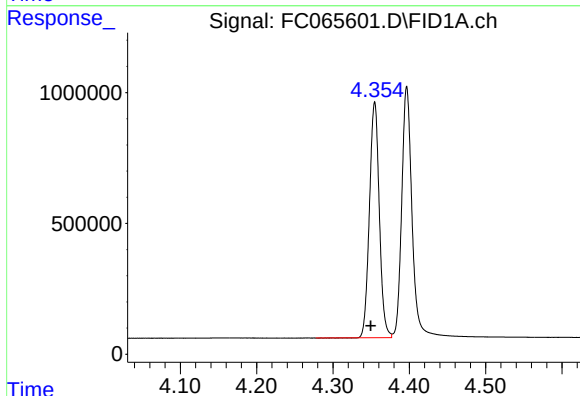
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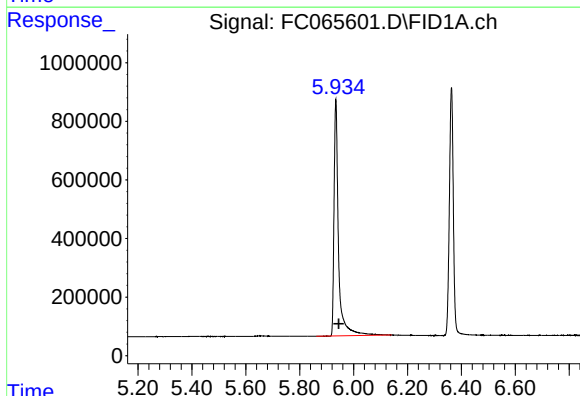
#1 n-Nonane (C9)

R.T.: 3.298 min
Delta R.T.: 0.011 min
Response: 7535079
Conc: 48.24 ug/ml



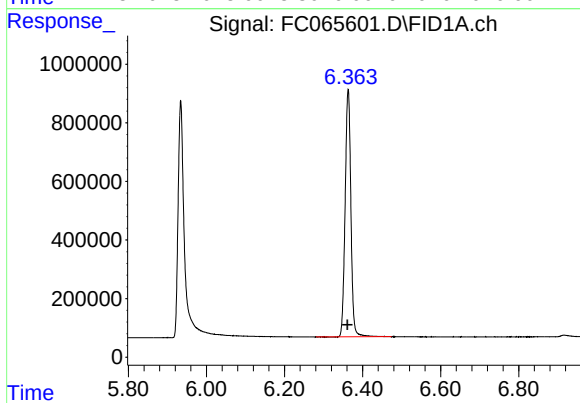
#2 n-Decane (C10)

R.T.: 4.355 min
Delta R.T.: 0.005 min
Response: 8091767
Conc: 51.15 ug/ml



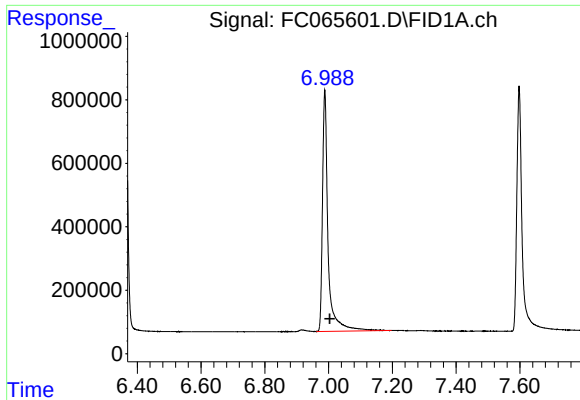
#3 A~Naphthalene (C11.7)

R.T.: 5.934 min
Delta R.T.: -0.011 min
Response: 9365216
Conc: 56.00 ug/ml



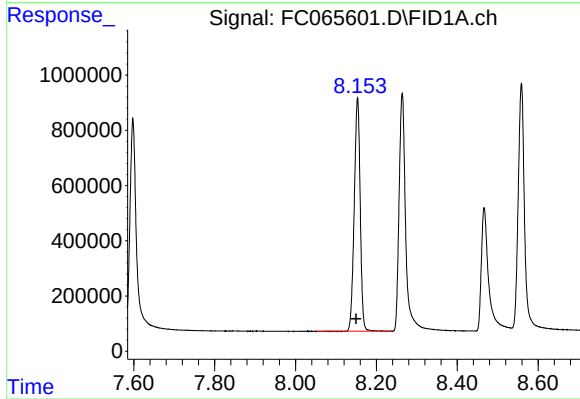
#4 n-Dodecane (C12)

R.T.: 6.363 min
Delta R.T.: 0.002 min
Response: 8626138
Conc: 53.77 ug/ml



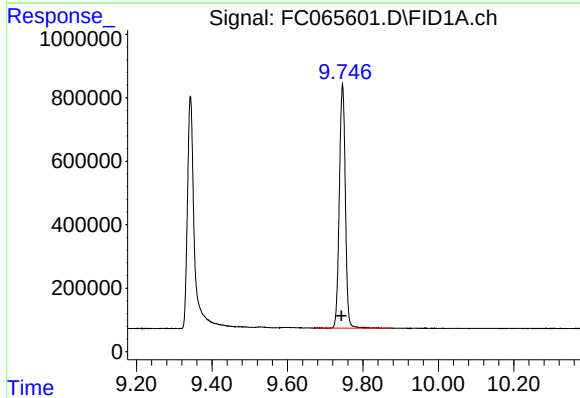
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.989 min
Delta R.T.: -0.015 min
Response: 9304733
Conc: 60.30 ug/ml



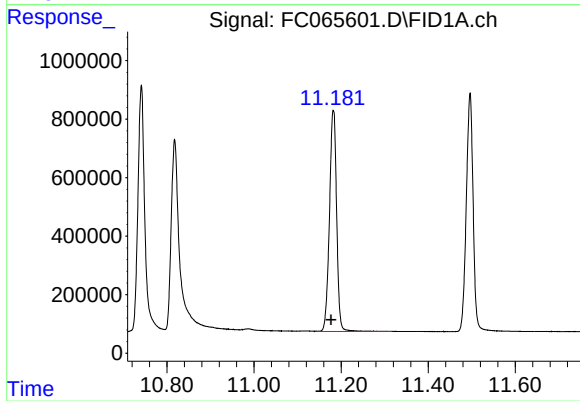
#6 n-Tetradecane (C14)

R.T.: 8.153 min
Delta R.T.: 0.003 min
Response: 8662394
Conc: 55.23 ug/ml



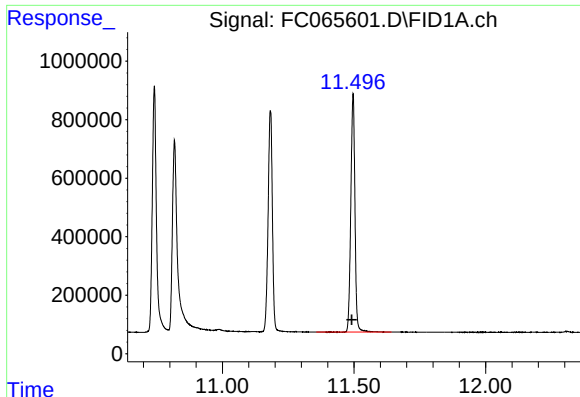
#7 n-Hexadecane (C16)

R.T.: 9.746 min
Delta R.T.: 0.002 min
Response: 8481769
Conc: 53.04 ug/ml



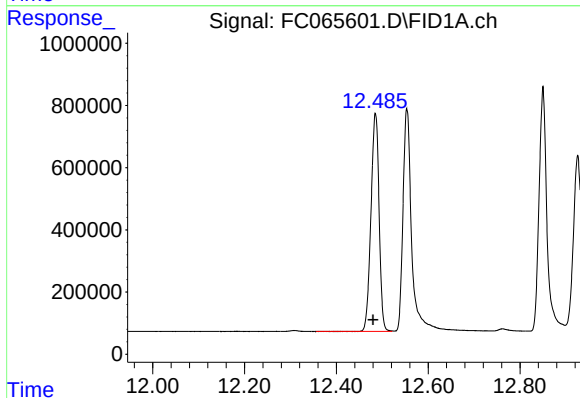
#8 n-Octadecane (C18)

R.T.: 11.182 min
Delta R.T.: 0.005 min
Response: 8631512
Conc: 52.70 ug/ml



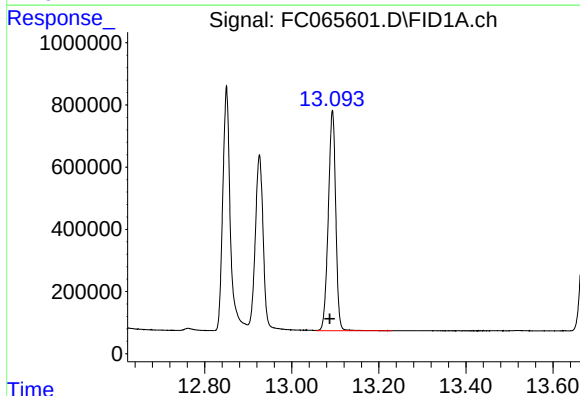
#9 ortho-Terphenyl (SURR)

R.T.: 11.496 min
Delta R.T.: 0.005 min
Response: 8891330
Conc: 48.89 ug/ml



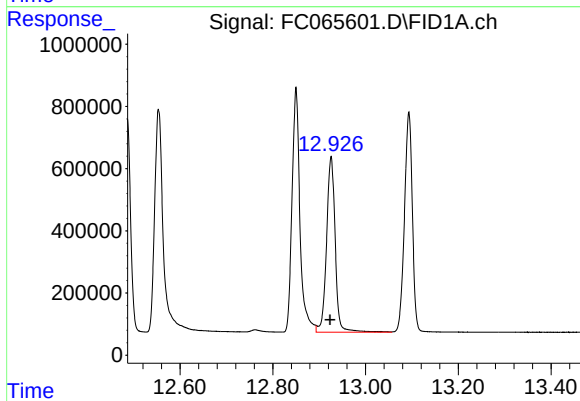
#10 n-Eicosane (C20)

R.T.: 12.485 min
Delta R.T.: 0.005 min
Response: 8605433
Conc: 54.03 ug/ml



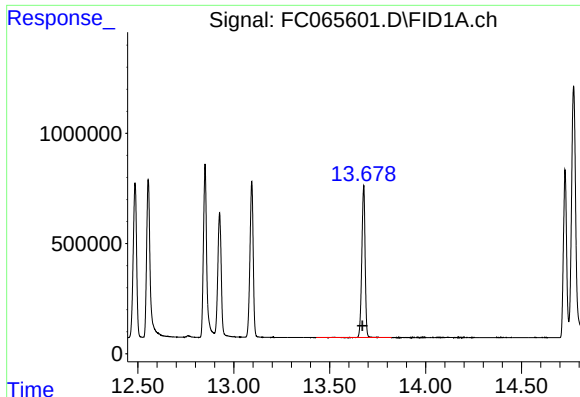
#11 n-Heneicosane (C21)

R.T.: 13.093 min
Delta R.T.: 0.006 min
Response: 8391216
Conc: 53.48 ug/ml



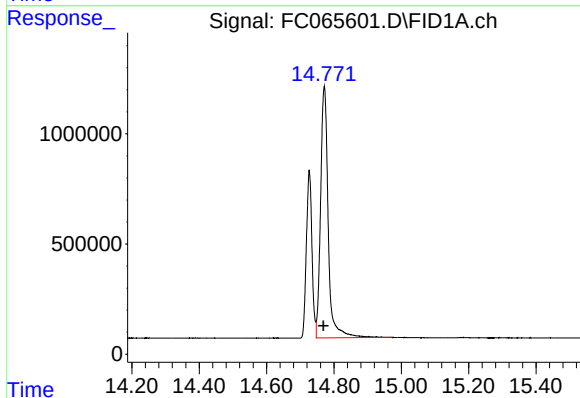
#12 1-chlorooctadecane (SURR)

R.T.: 12.926 min
Delta R.T.: 0.002 min
Response: 7371777
Conc: 54.69 ug/ml



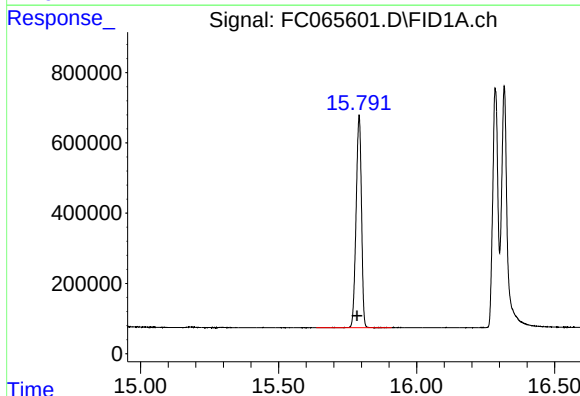
#13 n-Docosane (C22)

R.T.: 13.676 min
Delta R.T.: 0.005 min
Response: 8286516
Conc: 53.07 ug/ml



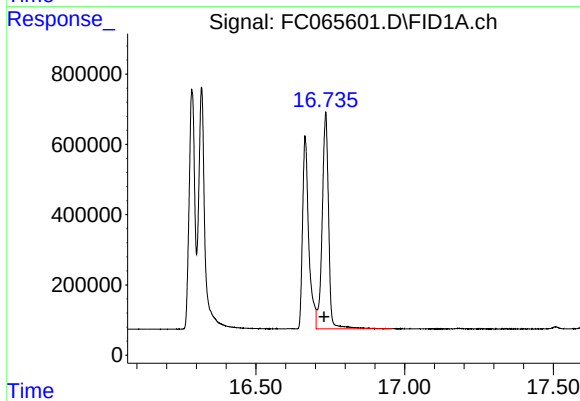
#14 n-Tetracosane (C24)

R.T.: 14.771 min
Delta R.T.: 0.002 min
Response: 17911314
Conc: 115.24 ug/ml m



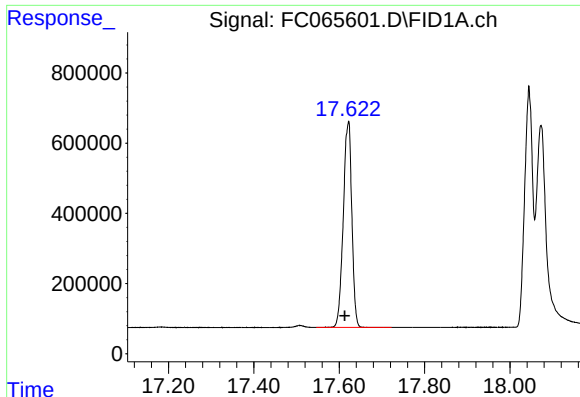
#15 n-Hexacosane (C26)

R.T.: 15.791 min
Delta R.T.: 0.006 min
Response: 8149707
Conc: 53.09 ug/ml



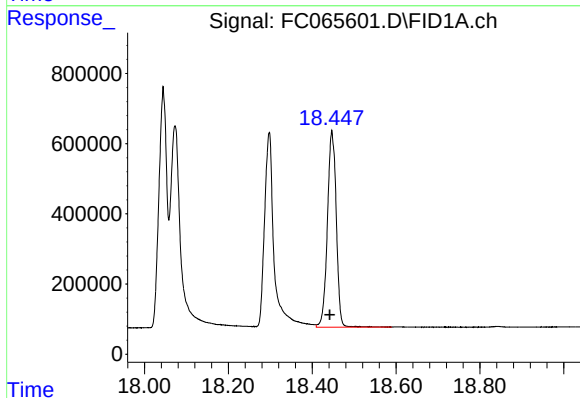
#16 n-Octacosane (C28)

R.T.: 16.734 min
Delta R.T.: 0.005 min
Response: 9242593
Conc: 61.32 ug/ml



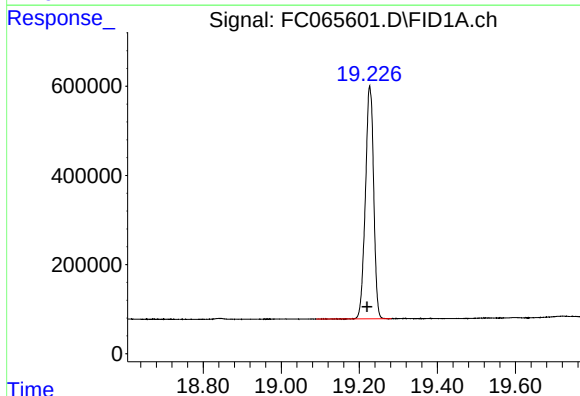
#17 n-Tricontane (C30)

R.T.: 17.620 min
Delta R.T.: 0.007 min
Response: 8158138
Conc: 53.42 ug/ml



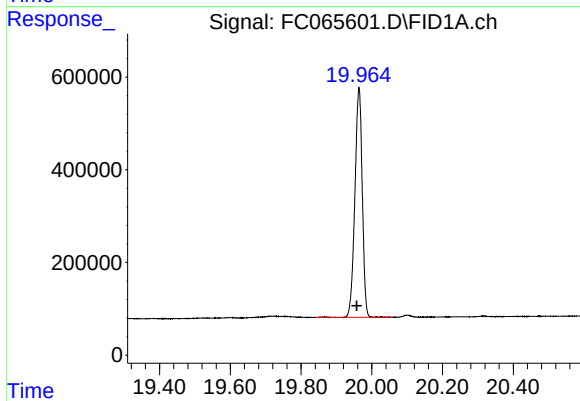
#18 n-Dotriacontane (C32)

R.T.: 18.447 min
Delta R.T.: 0.006 min
Response: 8193050
Conc: 54.41 ug/ml



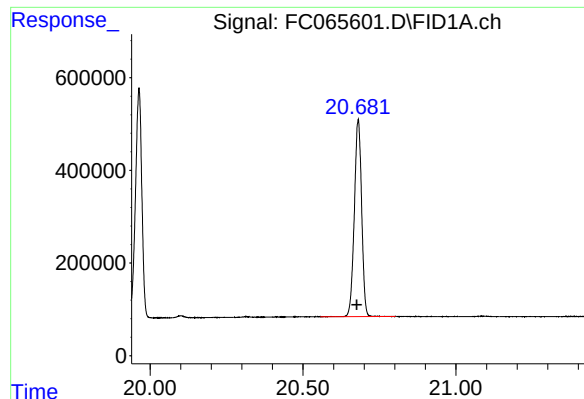
#19 n-Tetratriacontane (C34)

R.T.: 19.227 min
Delta R.T.: 0.007 min
Response: 7649219
Conc: 53.27 ug/ml



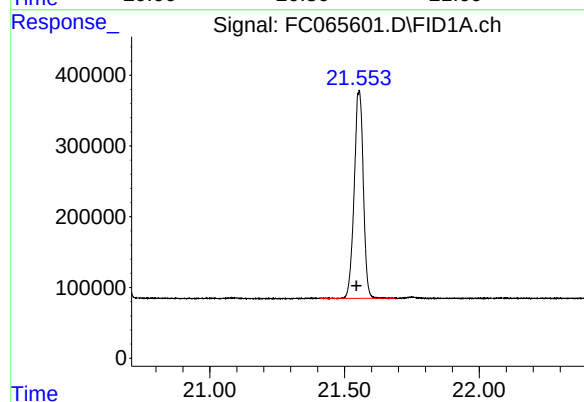
#20 n-Hexatriacontane (C36)

R.T.: 19.963 min
Delta R.T.: 0.006 min
Response: 7144673
Conc: 51.86 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.680 min
Delta R.T.: 0.005 min
Response: 7040005
Conc: 50.88 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.554 min
Delta R.T.: 0.010 min
Response: 6891994
Conc: 49.81 ug/ml