

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041524AL\
 Data File : FC066205.D
 Signal(s) : FID1A.ch
 Acq On : 15 Apr 2024 21:48
 Operator : YP/AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 16 08:18:40 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 041524.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 16 08:09:45 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)	11.571	765174	5.541 ug/ml
Spiked Amount 50.000		Recovery =	11.08%
12) S 1-chlorooctadecane (S...	13.012	535247	5.455 ug/ml
Spiked Amount 50.000		Recovery =	10.91%
Target Compounds			
1) T n-Nonane (C9)	3.323	696517	5.410 ug/ml
2) T n-Decane (C10)	4.393	712313	5.463 ug/ml
3) T A~Naphthalene (C11.7)	5.977	777625	5.422 ug/ml
4) T n-Dodecane (C12)	6.414	717130	5.538 ug/ml
5) T A~2-methylnaphthalene...	7.034	752225	5.463 ug/ml
6) T n-Tetradecane (C14)	8.211	704157	5.594 ug/ml
7) T n-Hexadecane (C16)	9.813	715115	5.614 ug/ml
8) T n-Octadecane (C18)	11.257	715394	5.620 ug/ml
10) T n-Eicosane (C20)	12.568	678357	5.629 ug/ml
11) T n-Heneicosane (C21)	13.180	667564	5.642 ug/ml
13) T n-Docosane (C22)	13.767	669114	5.697 ug/ml
14) T n-Tetracosane (C24)	14.871	661733	5.672 ug/ml
15) T n-Hexacosane (C26)	15.893	654383	5.692 ug/ml
16) T n-Octacosane (C28)	16.844	648575	5.723 ug/ml
17) T n-Tricontane (C30)	17.732	673211	5.811 ug/ml
18) T n-Dotriacontane (C32)	18.567	677343	5.900 ug/ml
19) T n-Tetratriacontane (C34)	19.351	628886	5.726 ug/ml
20) T n-Hexatriacontane (C36)	20.092	629369	6.093 ug/ml
21) T n-Octatriacontane (C38)	20.831	526539	5.401 ug/ml
22) T n-Tetracontane (C40)	21.749	477402	5.276 ug/ml

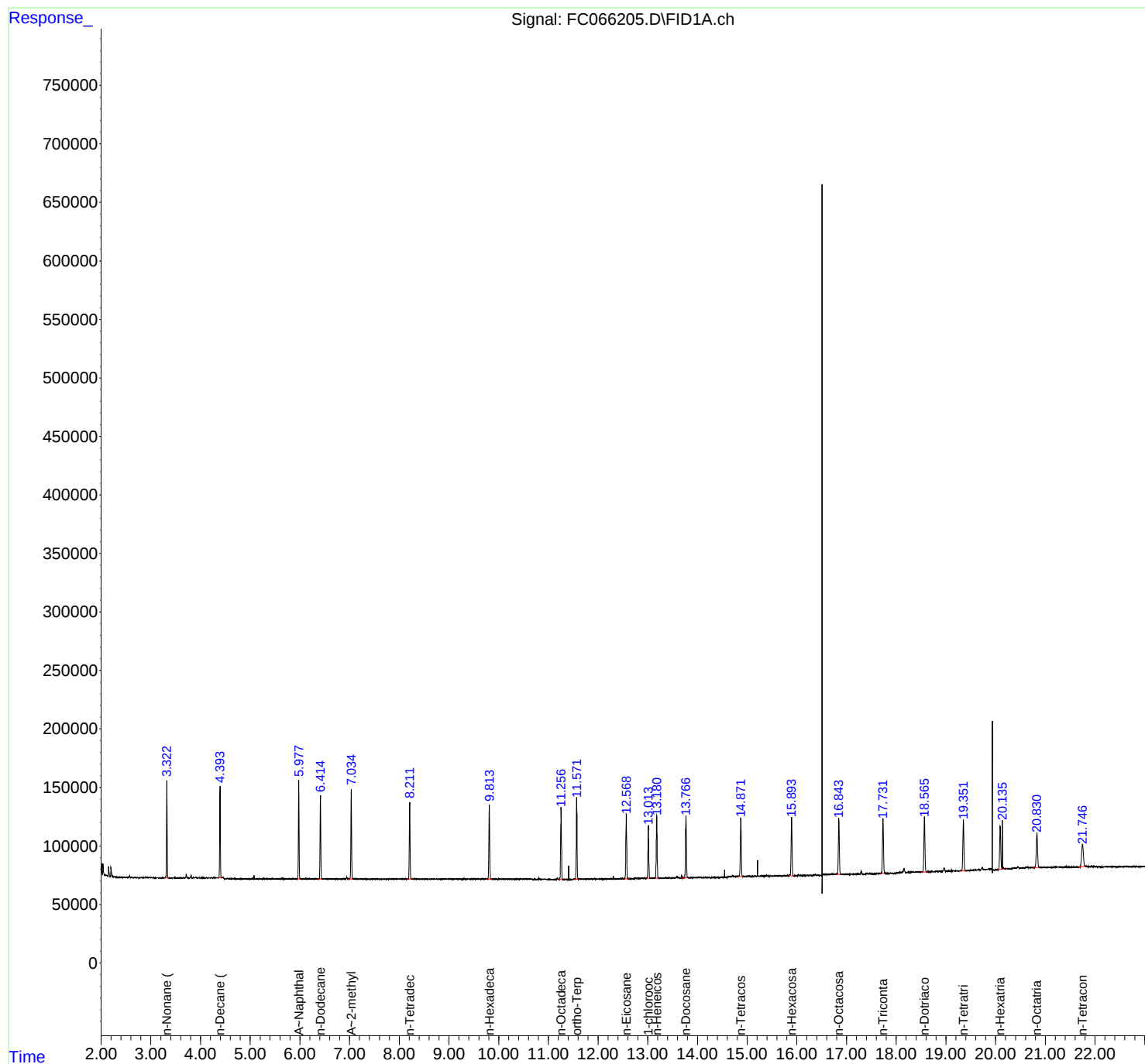
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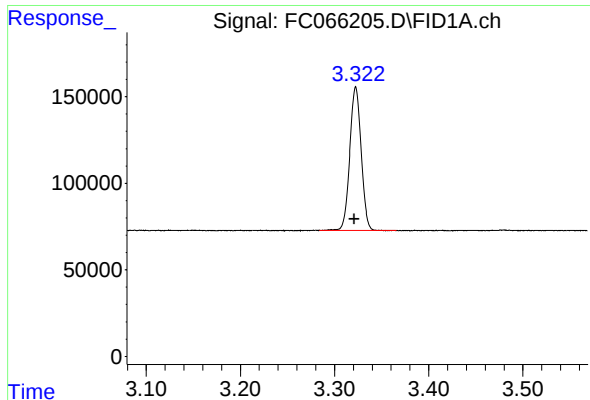
(m)=manual int.

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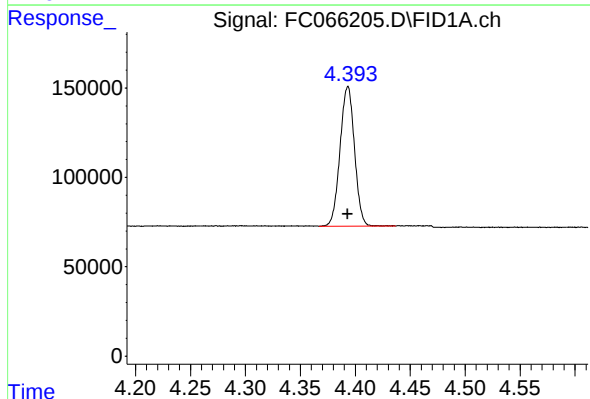
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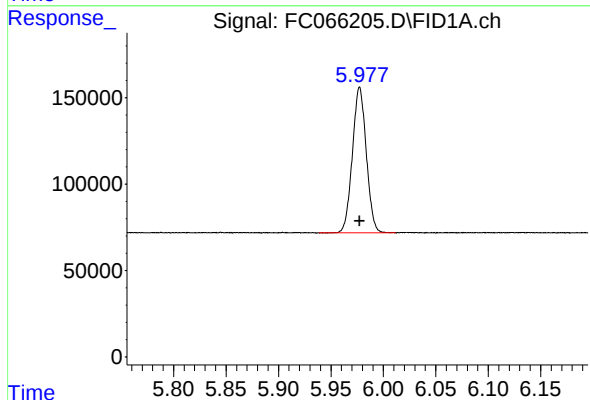
#1 n-Nonane (C9)

R.T.: 3.323 min
Delta R.T.: 0.002 min
Response: 696517
Conc: 5.41 ug/ml



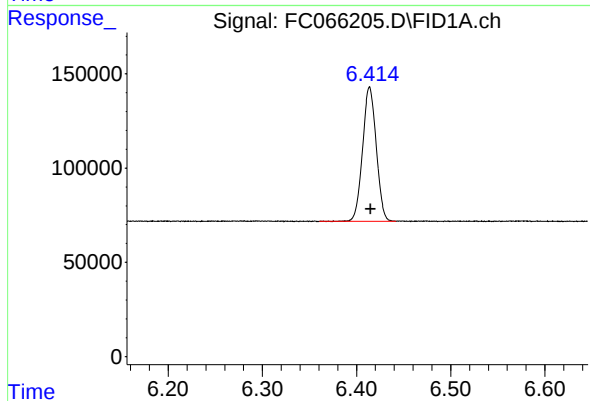
#2 n-Decane (C10)

R.T.: 4.393 min
Delta R.T.: 0.000 min
Response: 712313
Conc: 5.46 ug/ml



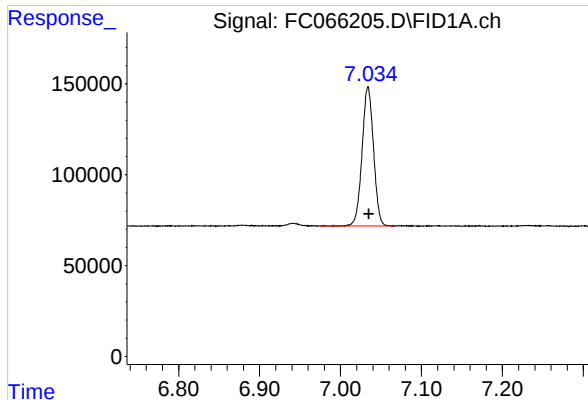
#3 A~Naphthalene (C11.7)

R.T.: 5.977 min
Delta R.T.: 0.000 min
Response: 777625
Conc: 5.42 ug/ml



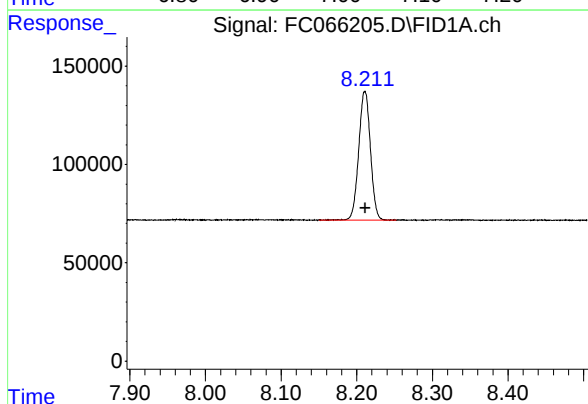
#4 n-Dodecane (C12)

R.T.: 6.414 min
Delta R.T.: 0.000 min
Response: 717130
Conc: 5.54 ug/ml



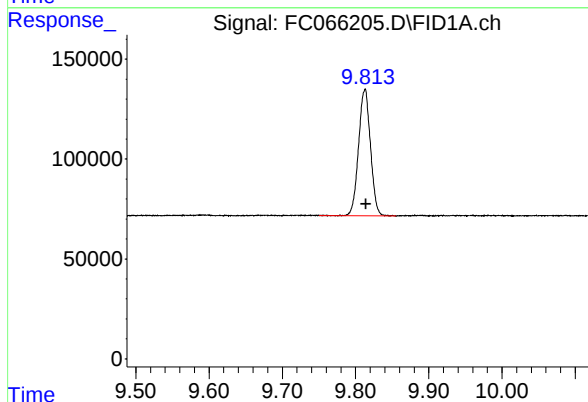
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.034 min
Delta R.T.: -0.001 min
Response: 752225
Conc: 5.46 ug/ml



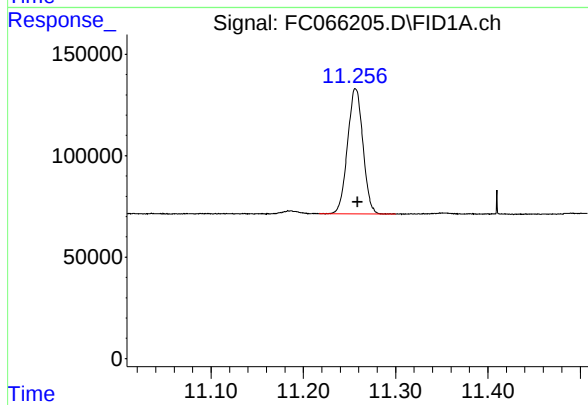
#6 n-Tetradecane (C14)

R.T.: 8.211 min
Delta R.T.: 0.000 min
Response: 704157
Conc: 5.59 ug/ml



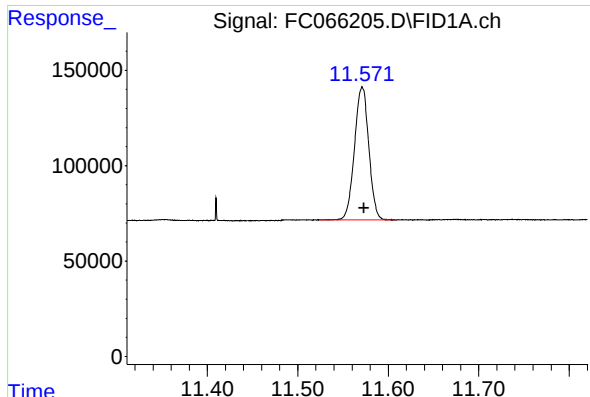
#7 n-Hexadecane (C16)

R.T.: 9.813 min
Delta R.T.: -0.002 min
Response: 715115
Conc: 5.61 ug/ml



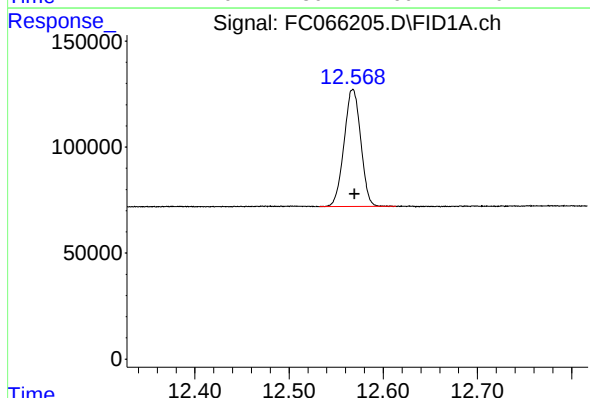
#8 n-Octadecane (C18)

R.T.: 11.257 min
Delta R.T.: -0.002 min
Response: 715394
Conc: 5.62 ug/ml



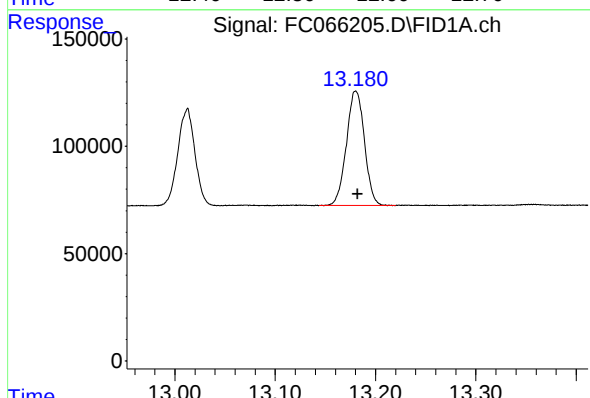
#9 ortho-Terphenyl (SURR)

R.T.: 11.571 min
Delta R.T.: -0.002 min
Response: 765174
Conc: 5.54 ug/ml



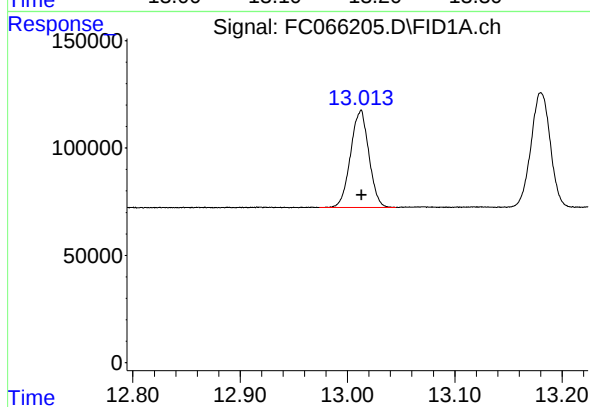
#10 n-Eicosane (C20)

R.T.: 12.568 min
Delta R.T.: -0.002 min
Response: 678357
Conc: 5.63 ug/ml



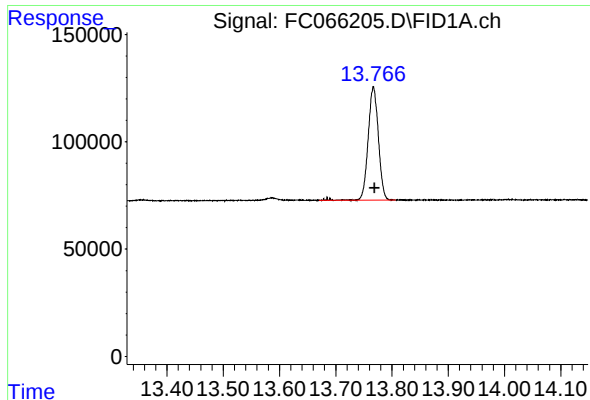
#11 n-Heneicosane (C21)

R.T.: 13.180 min
Delta R.T.: -0.002 min
Response: 667564
Conc: 5.64 ug/ml



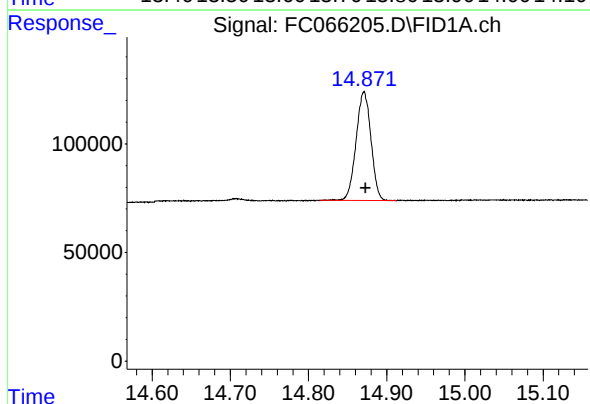
#12 1-chlorooctadecane (SURR)

R.T.: 13.012 min
Delta R.T.: -0.001 min
Response: 535247
Conc: 5.45 ug/ml



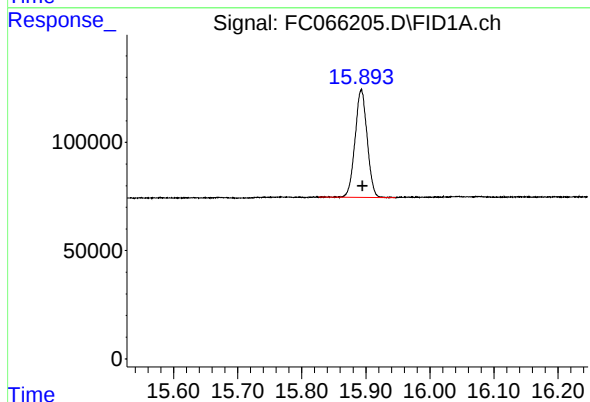
#13 n-Docosane (C22)

R.T.: 13.767 min
Delta R.T.: -0.002 min
Response: 669114
Conc: 5.70 ug/ml



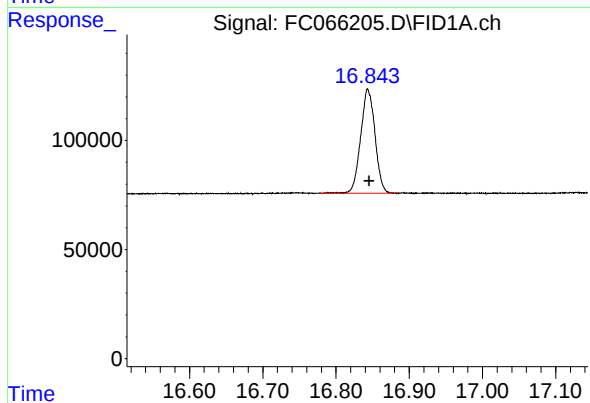
#14 n-Tetracosane (C24)

R.T.: 14.871 min
Delta R.T.: -0.002 min
Response: 661733
Conc: 5.67 ug/ml



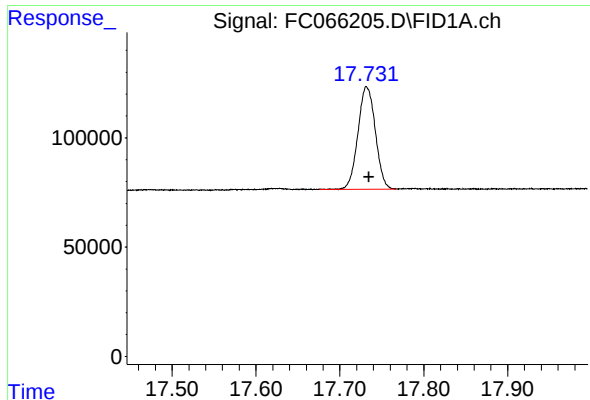
#15 n-Hexacosane (C26)

R.T.: 15.893 min
Delta R.T.: -0.002 min
Response: 654383
Conc: 5.69 ug/ml



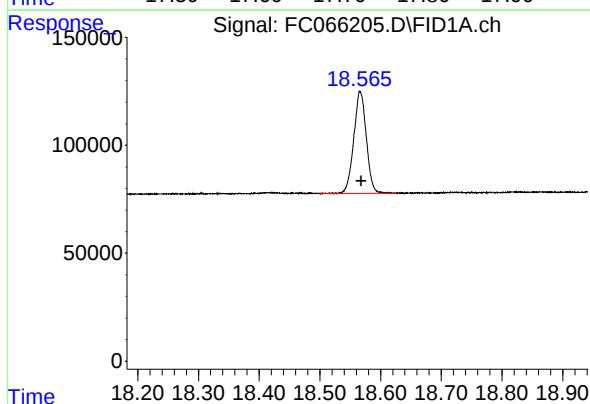
#16 n-Octacosane (C28)

R.T.: 16.844 min
Delta R.T.: -0.002 min
Response: 648575
Conc: 5.72 ug/ml



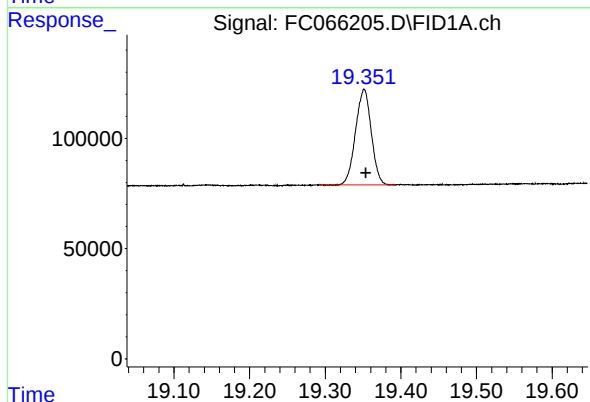
#17 n-Tricontane (C30)

R.T.: 17.732 min
Delta R.T.: -0.003 min
Response: 673211
Conc: 5.81 ug/ml



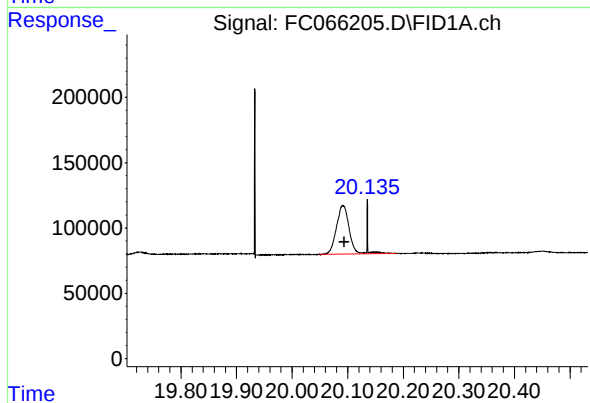
#18 n-Dotriacontane (C32)

R.T.: 18.567 min
Delta R.T.: -0.002 min
Response: 677343
Conc: 5.90 ug/ml



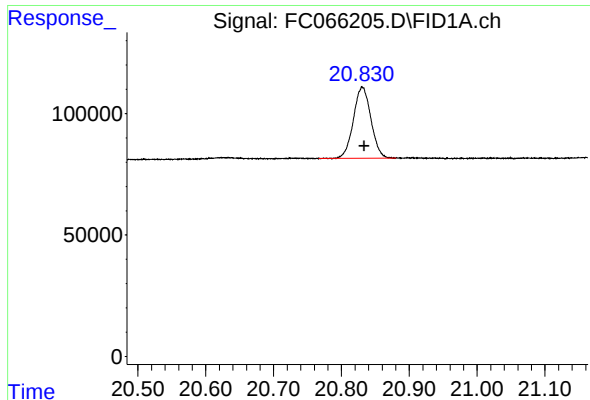
#19 n-Tetratriacontane (C34)

R.T.: 19.351 min
Delta R.T.: -0.003 min
Response: 628886
Conc: 5.73 ug/ml



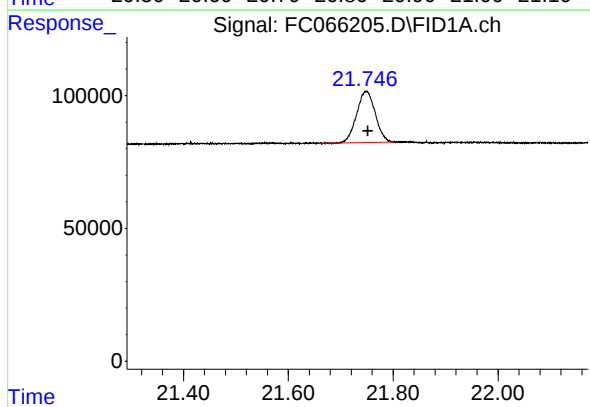
#20 n-Hexatriacontane (C36)

R.T.: 20.092 min
Delta R.T.: -0.002 min
Response: 629369
Conc: 6.09 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.831 min
Delta R.T.: -0.003 min
Response: 526539
Conc: 5.40 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.749 min
Delta R.T.: -0.003 min
Response: 477402
Conc: 5.28 ug/ml