

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041524AL\
 Data File : FC066206.D
 Signal(s) : FID1A.ch
 Acq On : 15 Apr 2024 23:25
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 16 08:23:47 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 041524.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 16 08:19:15 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)	11.574	2635507	19.085 ug/ml
Spiked Amount 50.000		Recovery =	38.17%
12) S 1-chlorooctadecane (S...	13.013	1865107	19.008 ug/ml
Spiked Amount 50.000		Recovery =	38.02%
Target Compounds			
1) T n-Nonane (C9)	3.322	2457527	19.090 ug/ml
2) T n-Decane (C10)	4.394	2515089	19.289 ug/ml
3) T A~Naphthalene (C11.7)	5.978	2771166	19.322 ug/ml
4) T n-Dodecane (C12)	6.416	2456692	18.973 ug/ml
5) T A~2-methylnaphthalene...	7.036	2641931	19.186 ug/ml
6) T n-Tetradecane (C14)	8.212	2364452	18.785 ug/ml
7) T n-Hexadecane (C16)	9.815	2378961	18.677 ug/ml
8) T n-Octadecane (C18)	11.259	2376577	18.671 ug/ml
10) T n-Eicosane (C20)	12.570	2261610	18.767 ug/ml
11) T n-Heneicosane (C21)	13.183	2224554	18.801 ug/ml
13) T n-Docosane (C22)	13.768	2218305	18.896 ug/ml
14) T n-Tetracosane (C24)	14.872	2229154	19.106 ug/ml
15) T n-Hexacosane (C26)	15.894	2217842	19.292 ug/ml
16) T n-Octacosane (C28)	16.845	2201786	19.428 ug/ml
17) T n-Tricontane (C30)	17.733	2259595	19.505 ug/ml
18) T n-Dotriacontane (C32)	18.567	2267859	19.753 ug/ml
19) T n-Tetratriacontane (C34)	19.351	2154490	19.618 ug/ml
20) T n-Hexatriacontane (C36)	20.093	2033138	19.697 ug/ml
21) T n-Octatriacontane (C38)	20.833	1926852	19.766 ug/ml
22) T n-Tetracontane (C40)	21.750	1713511	18.936 ug/ml

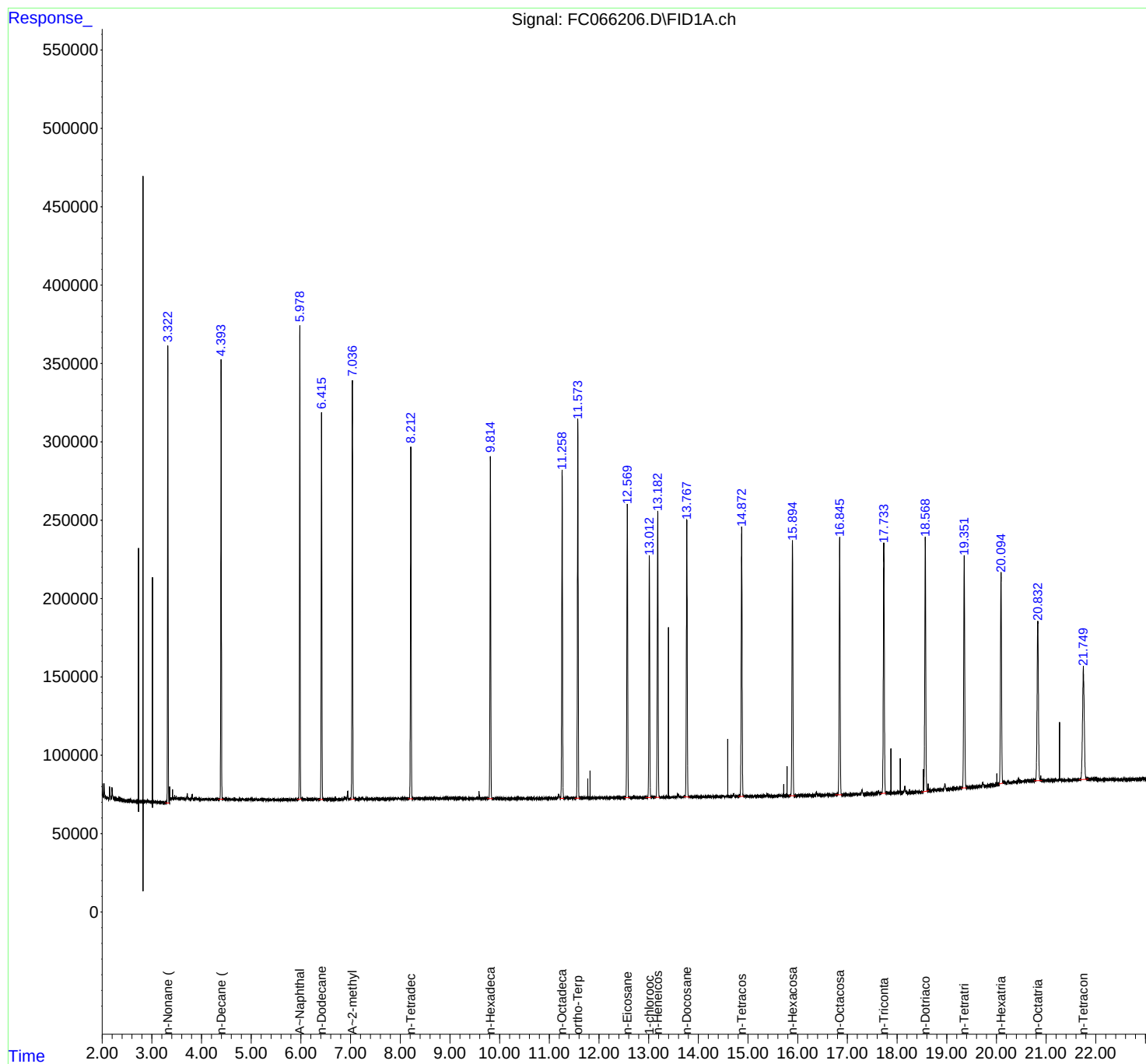
(f)=RT Delta > 1/2 Window

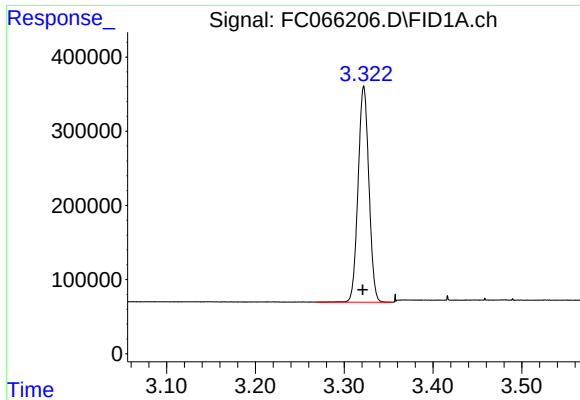
(m)=manual int.

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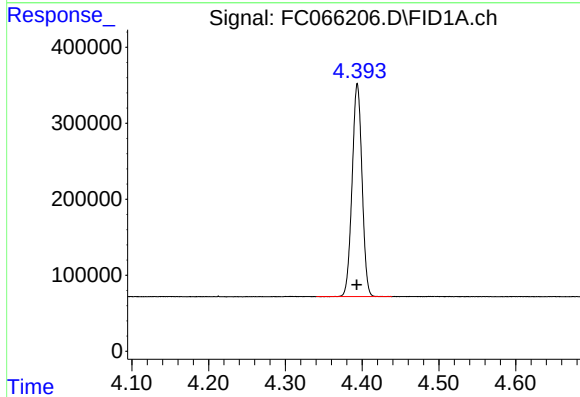
Volume Inj. : 1 uL
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





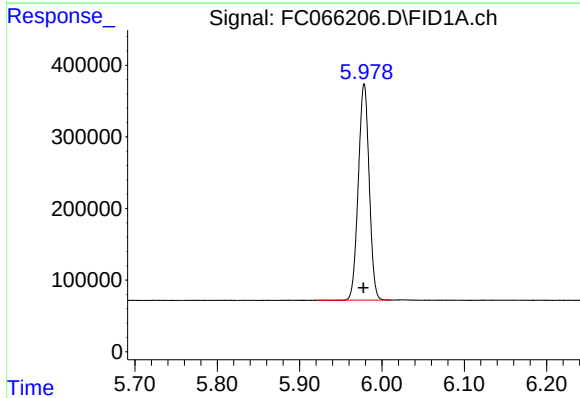
#1 n-Nonane (C9)

R.T.: 3.322 min
Delta R.T.: 0.001 min
Response: 2457527
Conc: 19.09 ug/ml



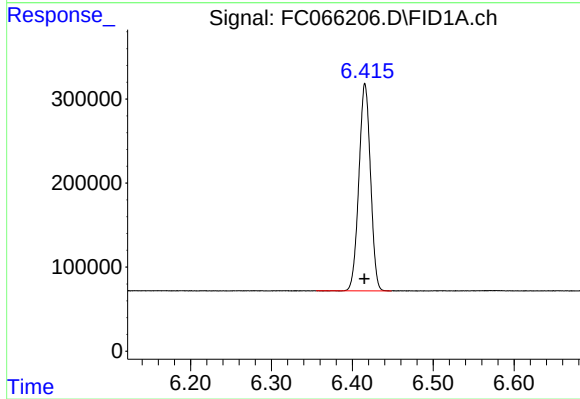
#2 n-Decane (C10)

R.T.: 4.394 min
Delta R.T.: 0.000 min
Response: 2515089
Conc: 19.29 ug/ml



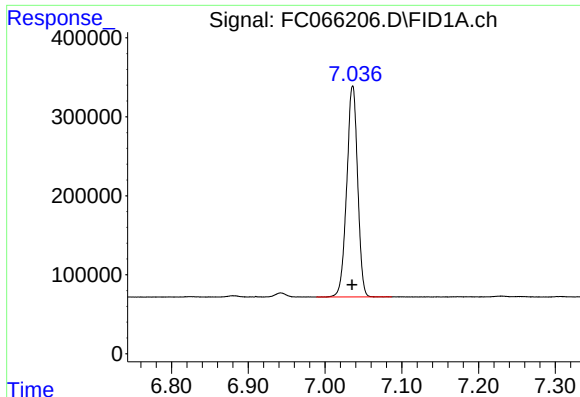
#3 A~Naphthalene (C11.7)

R.T.: 5.978 min
Delta R.T.: 0.000 min
Response: 2771166
Conc: 19.32 ug/ml



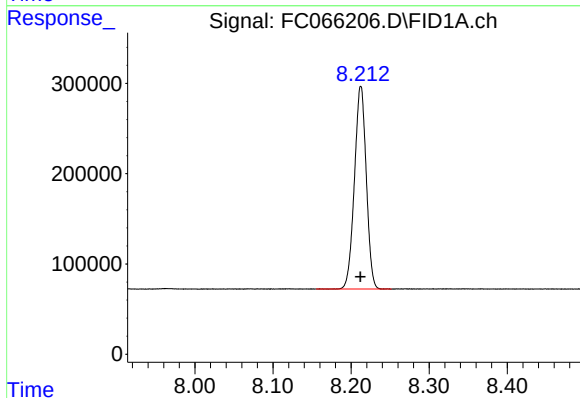
#4 n-Dodecane (C12)

R.T.: 6.416 min
Delta R.T.: 0.000 min
Response: 2456692
Conc: 18.97 ug/ml



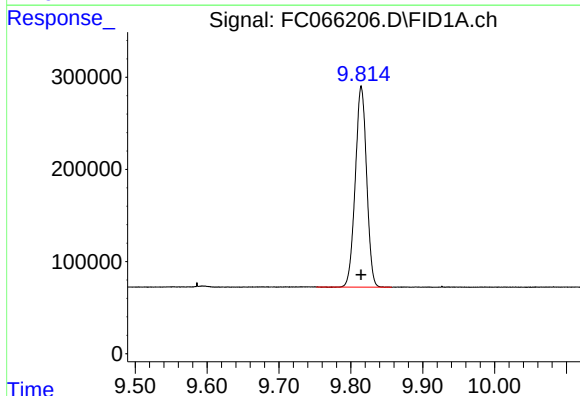
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.036 min
Delta R.T.: 0.000 min
Response: 2641931
Conc: 19.19 ug/ml



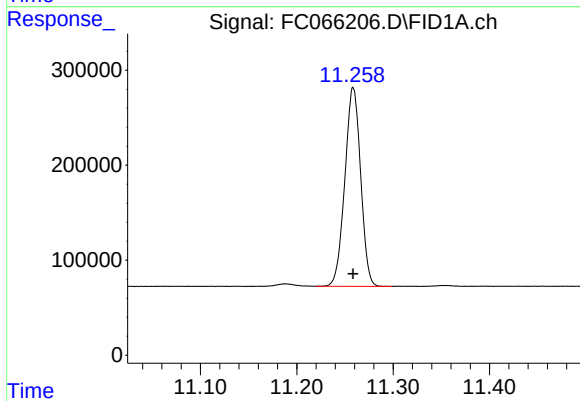
#6 n-Tetradecane (C14)

R.T.: 8.212 min
Delta R.T.: 0.000 min
Response: 2364452
Conc: 18.79 ug/ml



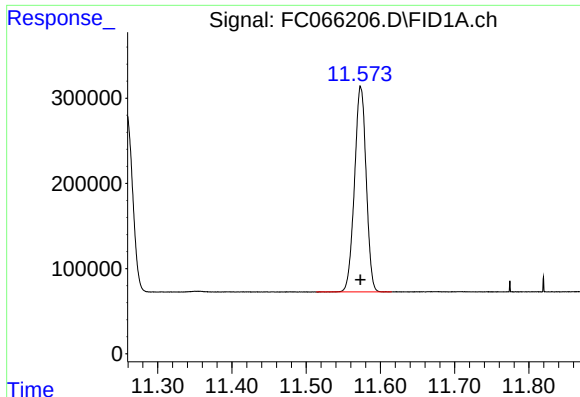
#7 n-Hexadecane (C16)

R.T.: 9.815 min
Delta R.T.: 0.000 min
Response: 2378961
Conc: 18.68 ug/ml



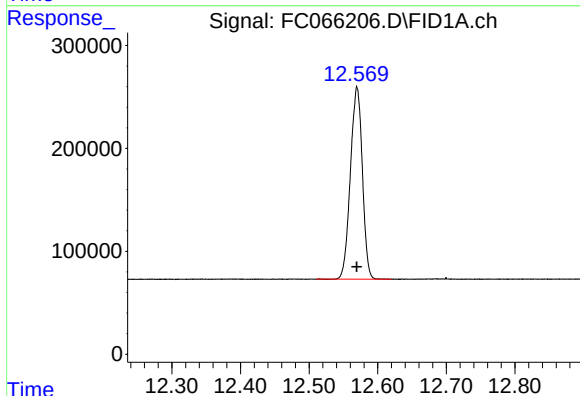
#8 n-Octadecane (C18)

R.T.: 11.259 min
Delta R.T.: 0.000 min
Response: 2376577
Conc: 18.67 ug/ml



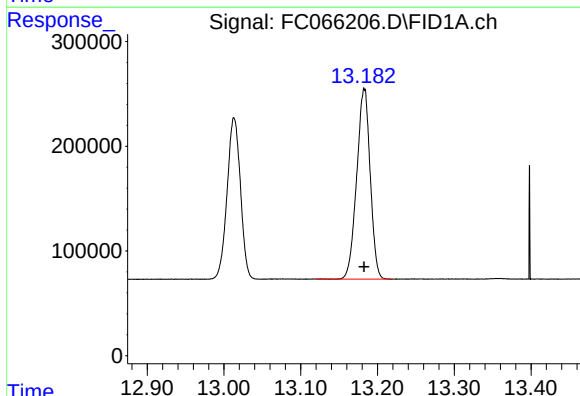
#9 ortho-Terphenyl (SURR)

R.T.: 11.574 min
Delta R.T.: 0.000 min
Response: 2635507
Conc: 19.09 ug/ml



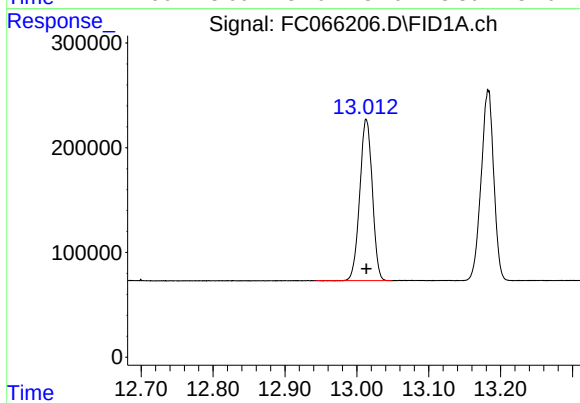
#10 n-Eicosane (C20)

R.T.: 12.570 min
Delta R.T.: 0.000 min
Response: 2261610
Conc: 18.77 ug/ml



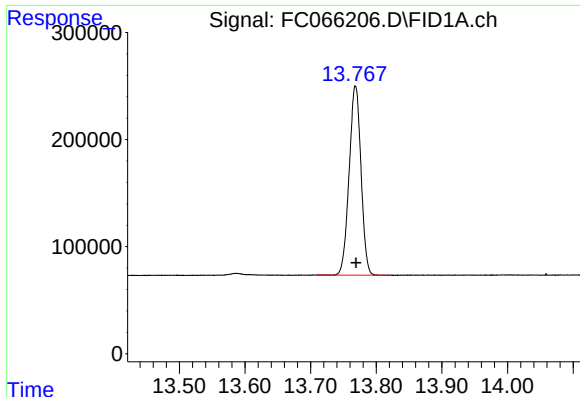
#11 n-Heneicosane (C21)

R.T.: 13.183 min
Delta R.T.: 0.000 min
Response: 2224554
Conc: 18.80 ug/ml



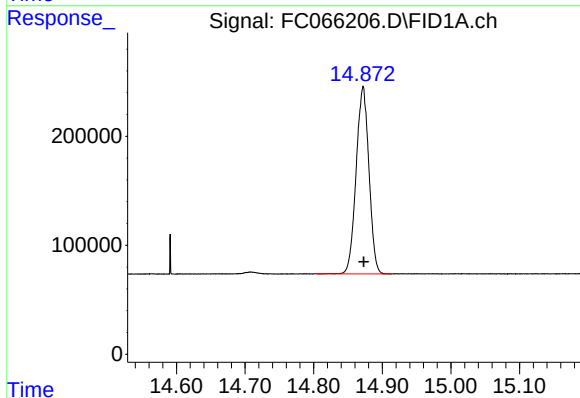
#12 1-chlorooctadecane (SURR)

R.T.: 13.013 min
Delta R.T.: 0.000 min
Response: 1865107
Conc: 19.01 ug/ml



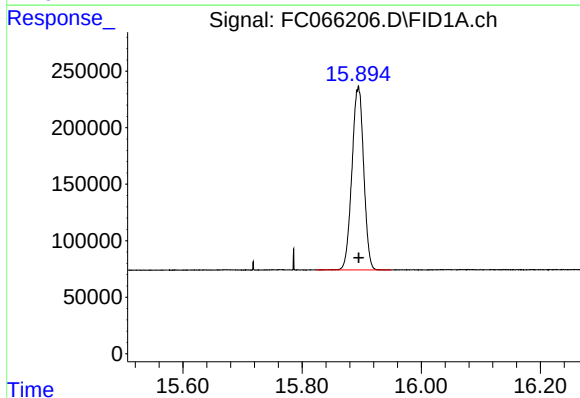
#13 n-Docosane (C22)

R.T.: 13.768 min
Delta R.T.: 0.000 min
Response: 2218305
Conc: 18.90 ug/ml



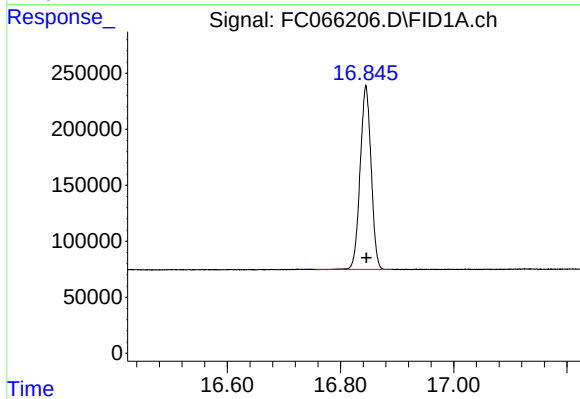
#14 n-Tetracosane (C24)

R.T.: 14.872 min
Delta R.T.: -0.001 min
Response: 2229154
Conc: 19.11 ug/ml



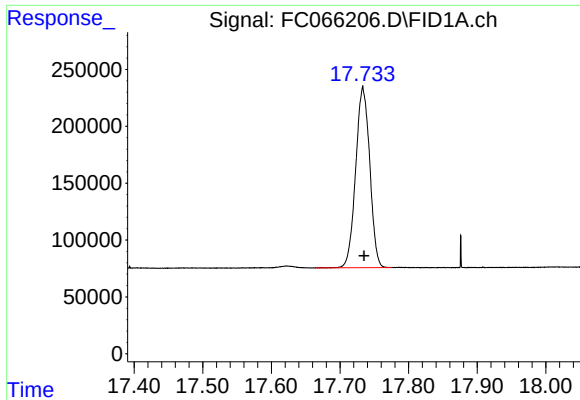
#15 n-Hexacosane (C26)

R.T.: 15.894 min
Delta R.T.: 0.000 min
Response: 2217842
Conc: 19.29 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.845 min
Delta R.T.: 0.000 min
Response: 2201786
Conc: 19.43 ug/ml



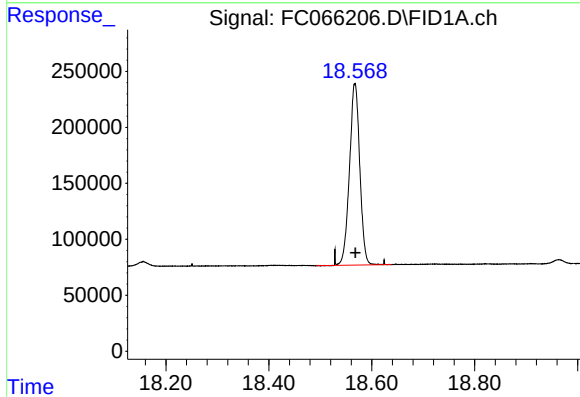
#17 n-Tricontane (C30)

R.T.: 17.733 min

Delta R.T.: -0.001 min

Response: 2259595

Conc: 19.50 ug/ml



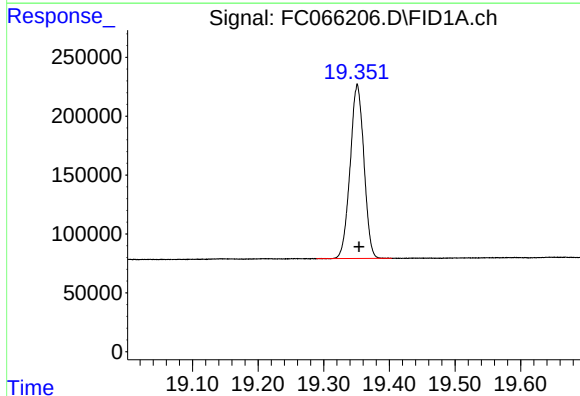
#18 n-Dotriacontane (C32)

R.T.: 18.567 min

Delta R.T.: 0.000 min

Response: 2267859

Conc: 19.75 ug/ml



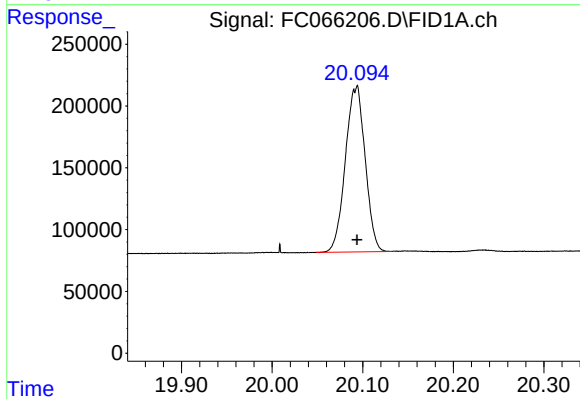
#19 n-Tetratriacontane (C34)

R.T.: 19.351 min

Delta R.T.: -0.003 min

Response: 2154490

Conc: 19.62 ug/ml



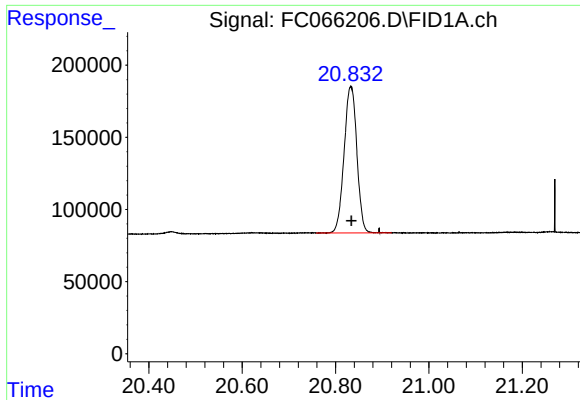
#20 n-Hexatriacontane (C36)

R.T.: 20.093 min

Delta R.T.: -0.001 min

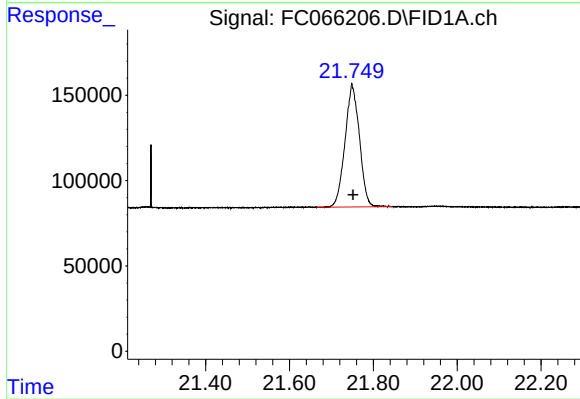
Response: 2033138

Conc: 19.70 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.833 min
Delta R.T.: -0.001 min
Response: 1926852
Conc: 19.77 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.750 min
Delta R.T.: -0.002 min
Response: 1713511
Conc: 18.94 ug/ml