

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041524AL\
 Data File : FC066204.D
 Signal(s) : FID1A.ch
 Acq On : 15 Apr 2024 20:58
 Operator : YP/AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 16 08:16:47 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)	11.573	1454700	10.827 ug/ml
Spiked Amount 50.000		Recovery =	21.65%
12) S 1-chlorooctadecane (S...	13.013	1026814	10.708 ug/ml
Spiked Amount 50.000		Recovery =	21.42%
Target Compounds			
1) T n-Nonane (C9)	3.322	1356084	10.754 ug/ml
2) T n-Decane (C10)	4.393	1364033	10.709 ug/ml
3) T A~Naphthalene (C11.7)	5.977	1501075	10.692 ug/ml
4) T n-Dodecane (C12)	6.415	1358342	10.781 ug/ml
5) T A~2-methylnaphthalene...	7.035	1441484	10.716 ug/ml
6) T n-Tetradecane (C14)	8.212	1328454	10.878 ug/ml
7) T n-Hexadecane (C16)	9.814	1353097	10.960 ug/ml
8) T n-Octadecane (C18)	11.258	1355969	10.994 ug/ml
10) T n-Eicosane (C20)	12.570	1276497	10.937 ug/ml
11) T n-Heneicosane (C21)	13.181	1252766	10.939 ug/ml
13) T n-Docosane (C22)	13.768	1241950	10.934 ug/ml
14) T n-Tetracosane (C24)	14.871	1227884	10.890 ug/ml
15) T n-Hexacosane (C26)	15.894	1205169	10.859 ug/ml
16) T n-Octacosane (C28)	16.845	1185473	10.853 ug/ml
17) T n-Tricontane (C30)	17.733	1208704	10.875 ug/ml
18) T n-Dotriacontane (C32)	18.567	1195913	10.907 ug/ml
19) T n-Tetratriacontane (C34)	19.351	1138686	10.759 ug/ml
20) T n-Hexatriacontane (C36)	20.092	1049366	10.500 ug/ml
21) T n-Octatriacontane (C38)	20.831	996691	10.434 ug/ml
22) T n-Tetracontane (C40)	21.750	936595	10.495 ug/ml

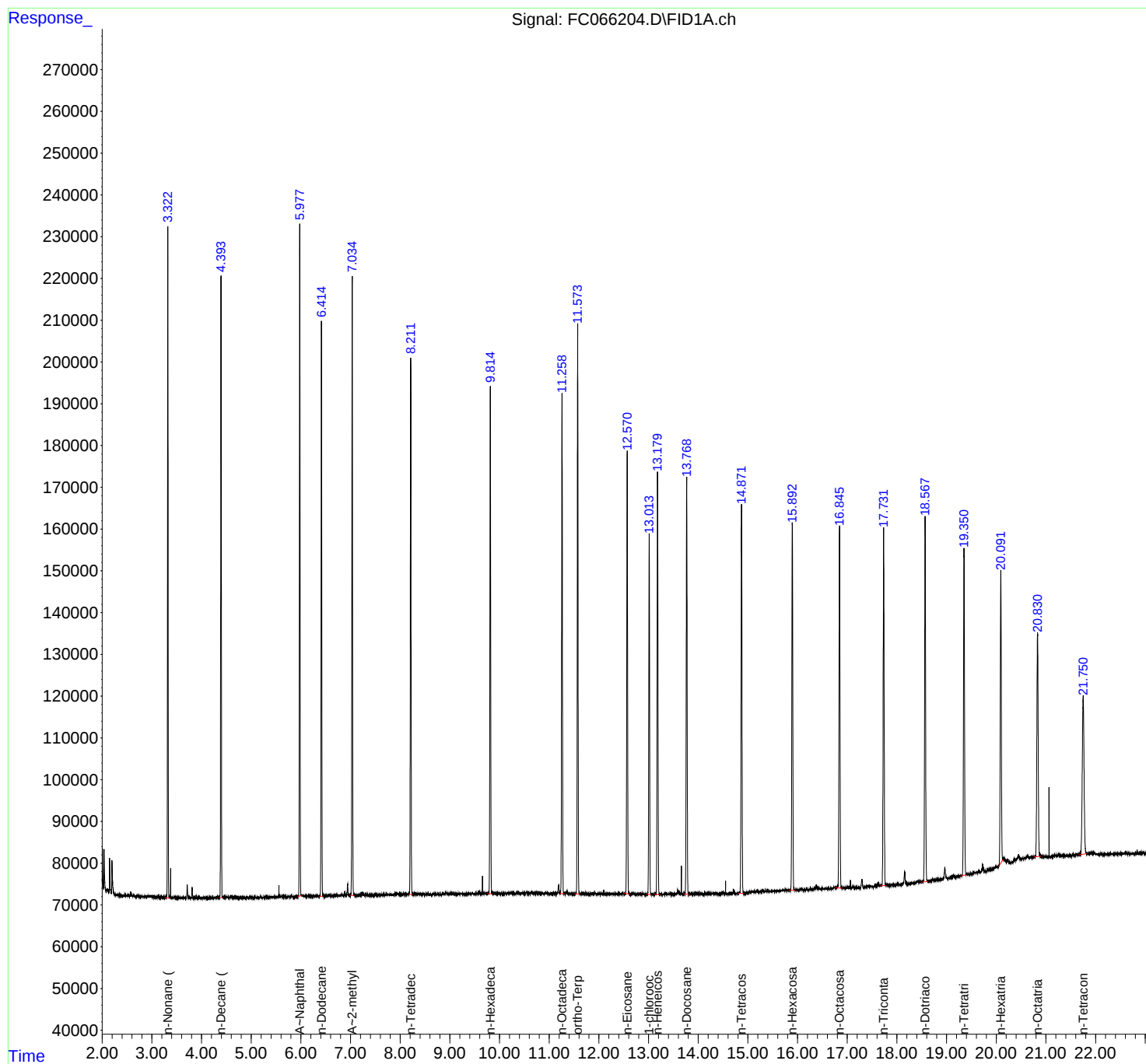
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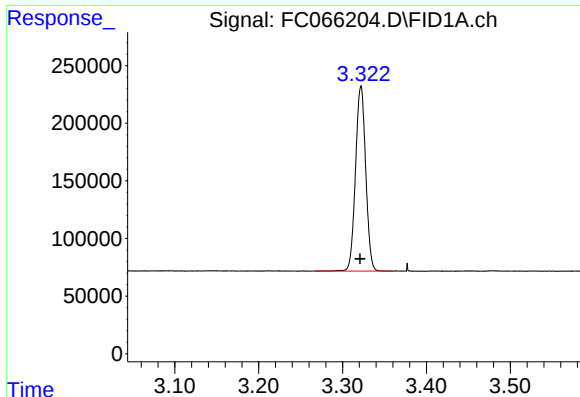
(m)=manual int.

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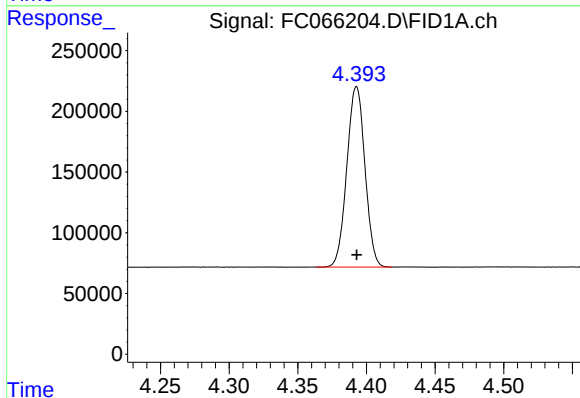
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





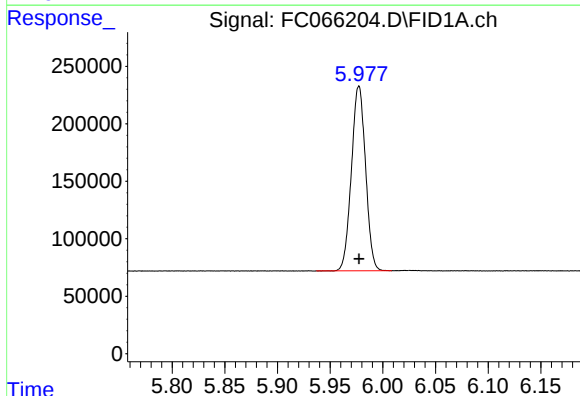
#1 n-Nonane (C9)

R.T.: 3.322 min
Delta R.T.: 0.000 min
Response: 1356084
Conc: 10.75 ug/ml



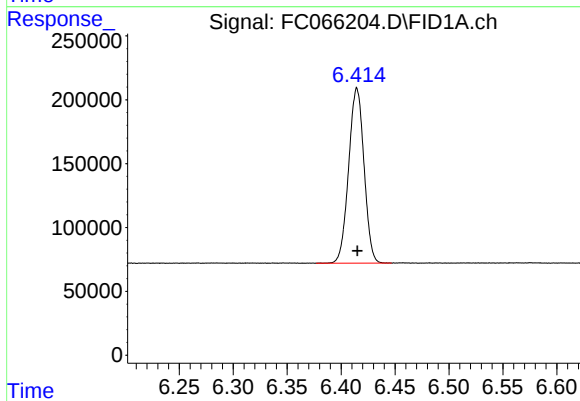
#2 n-Decane (C10)

R.T.: 4.393 min
Delta R.T.: 0.000 min
Response: 1364033
Conc: 10.71 ug/ml



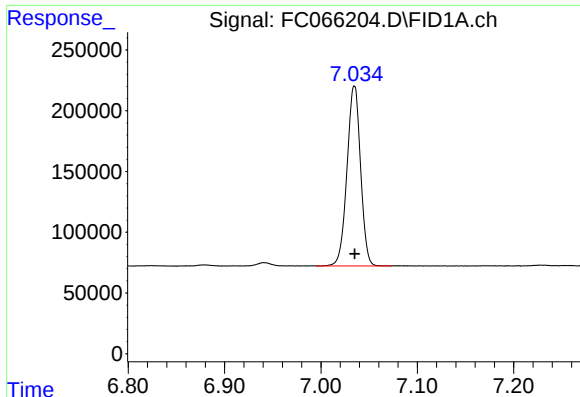
#3 A~Naphthalene (C11.7)

R.T.: 5.977 min
Delta R.T.: 0.000 min
Response: 1501075
Conc: 10.69 ug/ml



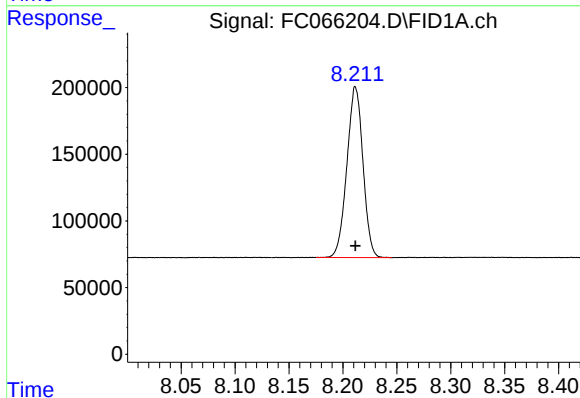
#4 n-Dodecane (C12)

R.T.: 6.415 min
Delta R.T.: 0.000 min
Response: 1358342
Conc: 10.78 ug/ml



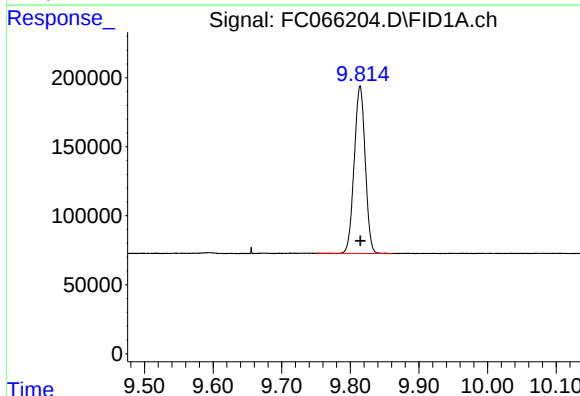
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.035 min
Delta R.T.: 0.000 min
Response: 1441484
Conc: 10.72 ug/ml



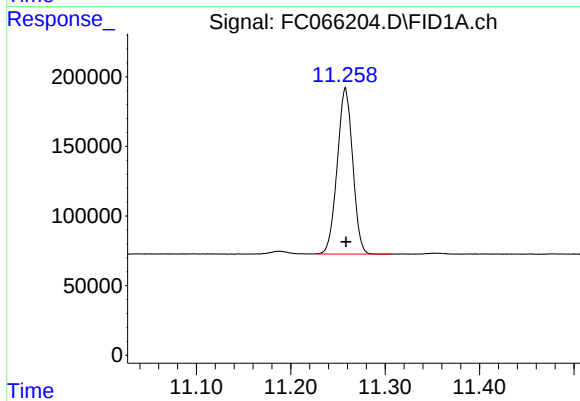
#6 n-Tetradecane (C14)

R.T.: 8.212 min
Delta R.T.: 0.000 min
Response: 1328454
Conc: 10.88 ug/ml



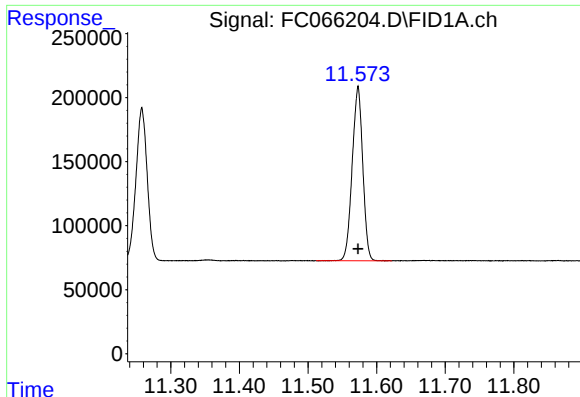
#7 n-Hexadecane (C16)

R.T.: 9.814 min
Delta R.T.: 0.000 min
Response: 1353097
Conc: 10.96 ug/ml



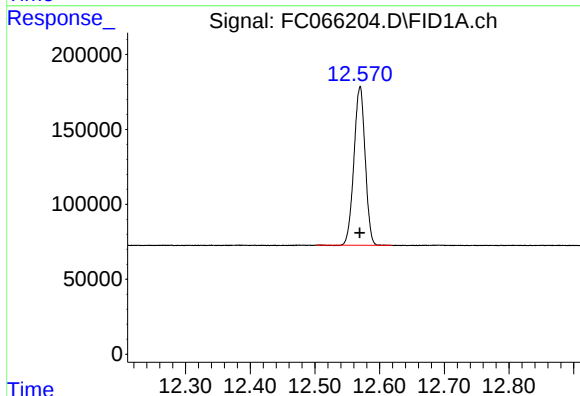
#8 n-Octadecane (C18)

R.T.: 11.258 min
Delta R.T.: 0.000 min
Response: 1355969
Conc: 10.99 ug/ml



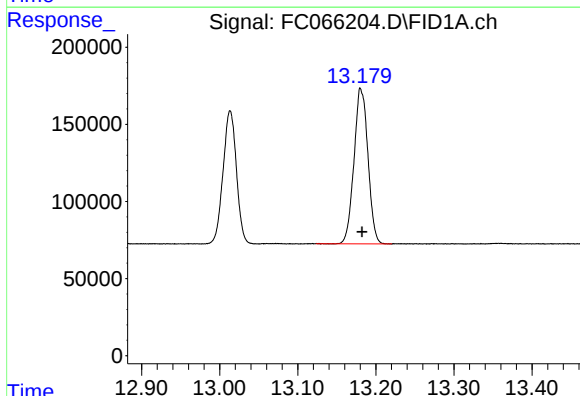
#9 ortho-Terphenyl (SURR)

R.T.: 11.573 min
Delta R.T.: 0.000 min
Response: 1454700
Conc: 10.83 ug/ml



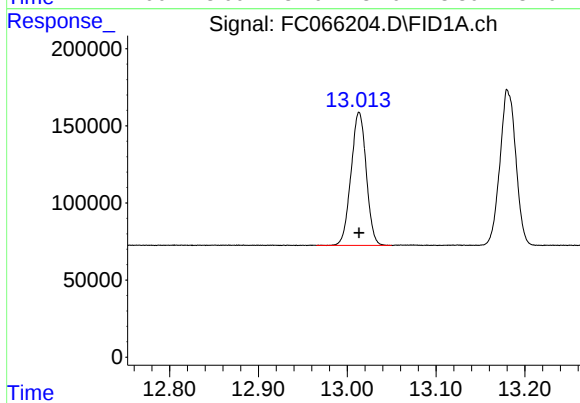
#10 n-Eicosane (C20)

R.T.: 12.570 min
Delta R.T.: 0.000 min
Response: 1276497
Conc: 10.94 ug/ml



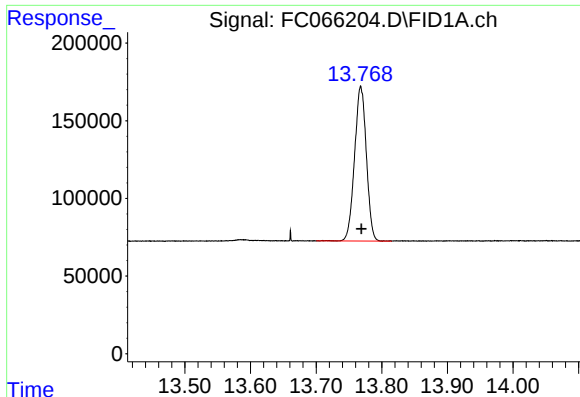
#11 n-Heneicosane (C21)

R.T.: 13.181 min
Delta R.T.: -0.001 min
Response: 1252766
Conc: 10.94 ug/ml



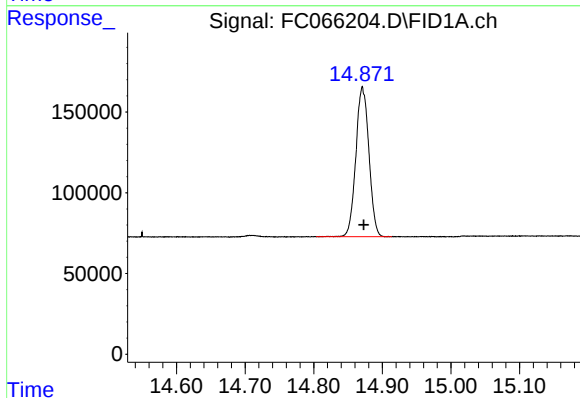
#12 1-chlorooctadecane (SURR)

R.T.: 13.013 min
Delta R.T.: 0.000 min
Response: 1026814
Conc: 10.71 ug/ml



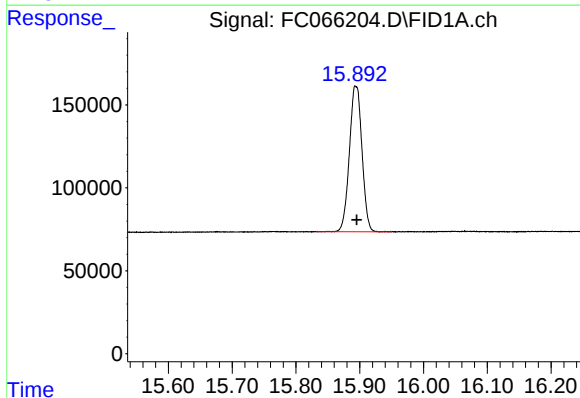
#13 n-Docosane (C22)

R.T.: 13.768 min
Delta R.T.: -0.001 min
Response: 1241950
Conc: 10.93 ug/ml



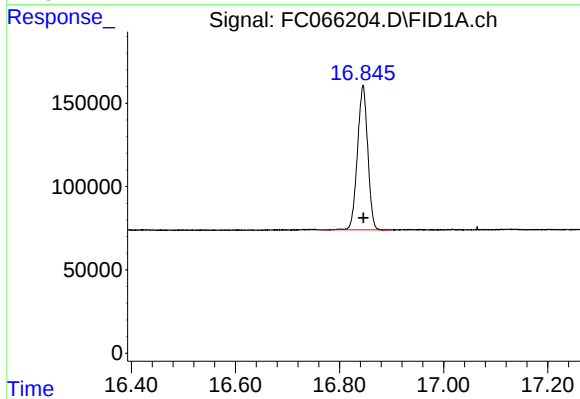
#14 n-Tetracosane (C24)

R.T.: 14.871 min
Delta R.T.: -0.002 min
Response: 1227884
Conc: 10.89 ug/ml



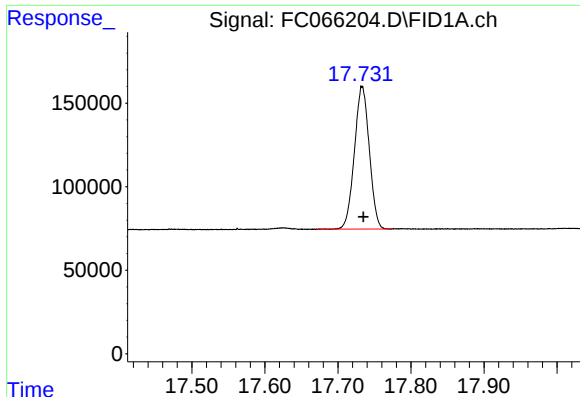
#15 n-Hexacosane (C26)

R.T.: 15.894 min
Delta R.T.: 0.000 min
Response: 1205169
Conc: 10.86 ug/ml



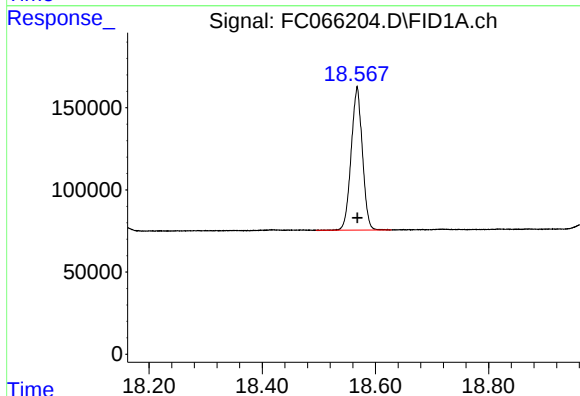
#16 n-Octacosane (C28)

R.T.: 16.845 min
Delta R.T.: 0.000 min
Response: 1185473
Conc: 10.85 ug/ml



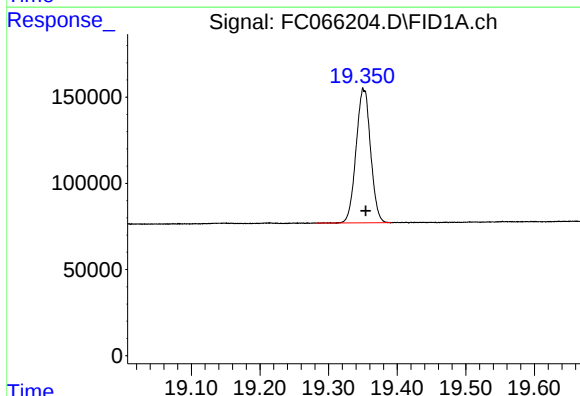
#17 n-Tricontane (C30)

R.T.: 17.733 min
Delta R.T.: -0.002 min
Response: 1208704
Conc: 10.87 ug/ml



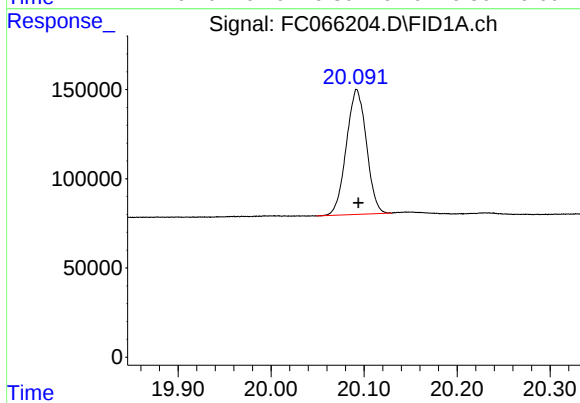
#18 n-Dotriacontane (C32)

R.T.: 18.567 min
Delta R.T.: 0.000 min
Response: 1195913
Conc: 10.91 ug/ml



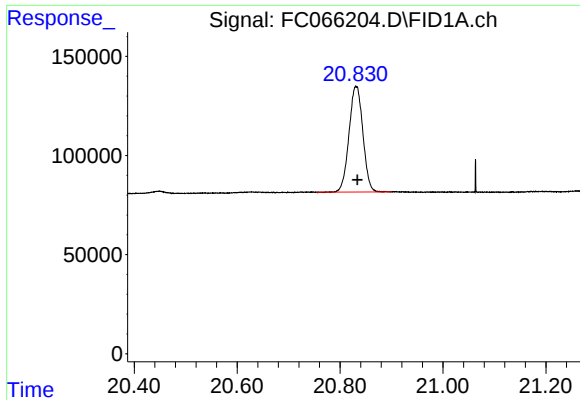
#19 n-Tetratriacontane (C34)

R.T.: 19.351 min
Delta R.T.: -0.003 min
Response: 1138686
Conc: 10.76 ug/ml



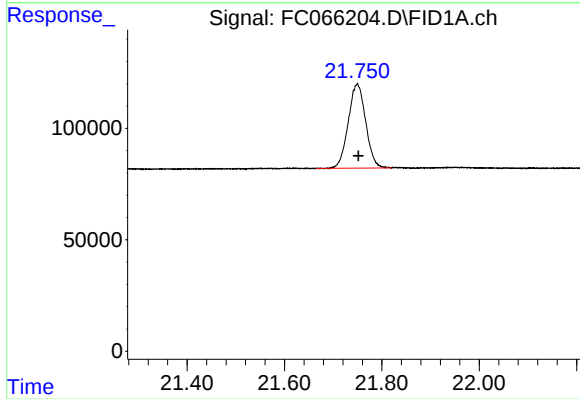
#20 n-Hexatriacontane (C36)

R.T.: 20.092 min
Delta R.T.: -0.002 min
Response: 1049366
Conc: 10.50 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.831 min
Delta R.T.: -0.003 min
Response: 996691
Conc: 10.43 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.750 min
Delta R.T.: -0.002 min
Response: 936595
Conc: 10.50 ug/ml