

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC032224AL\
 Data File : FC066100.D
 Signal(s) : FID1A.ch
 Acq On : 22 Mar 2024 14:13
 Operator : YP/AJ
 Sample : P1827-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 23 01:24:36 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 030424.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 04 13:09:51 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)	11.471	8593916	43.974 ug/ml
Spiked Amount 50.000		Recovery =	87.95%
12) S 1-chlorooctadecane (S...	12.898	7122679	48.856 ug/ml
Spiked Amount 50.000		Recovery =	97.71%
Target Compounds			
3) T A~Naphthalene (C11.7)	5.965	17182	0.096 ug/ml
4) T n-Dodecane (C12)	6.350	143632	0.815 ug/ml
5) T A~2-methylnaphthalene...	7.003	39401	0.231 ug/ml
6) T n-Tetradecane (C14)	8.132	398266	2.290 ug/ml
7) T n-Hexadecane (C16)	9.724	496682	2.780 ug/ml
8) T n-Octadecane (C18)	11.155	416775	2.293 ug/ml
10) T n-Eicosane (C20)	12.454	288211	1.651 ug/ml
11) T n-Heneicosane (C21)	13.063	175865	1.014 ug/ml
13) T n-Docosane (C22)	13.644	194335	1.130 ug/ml
14) T n-Tetracosane (C24)	14.738	94733	0.555 ug/ml
15) T n-Hexacosane (C26)	15.749	77302	0.459 ug/ml
16) T n-Octacosane (C28)	16.738	256786	1.544 ug/ml
17) T n-Tricontane (C30)	17.573	130113	0.762 ug/ml
18) T n-Dotriacontane (C32)	18.397	118835	0.705 ug/ml
19) T n-Tetratriacontane (C34)	19.245	40869	0.249 ug/ml
20) T n-Hexatriacontane (C36)	19.912	63827	0.401 ug/ml
21) T n-Octatriacontane (C38)	20.620	60256	0.385 ug/ml
22) T n-Tetracontane (C40)	21.472	64862	0.410 ug/ml

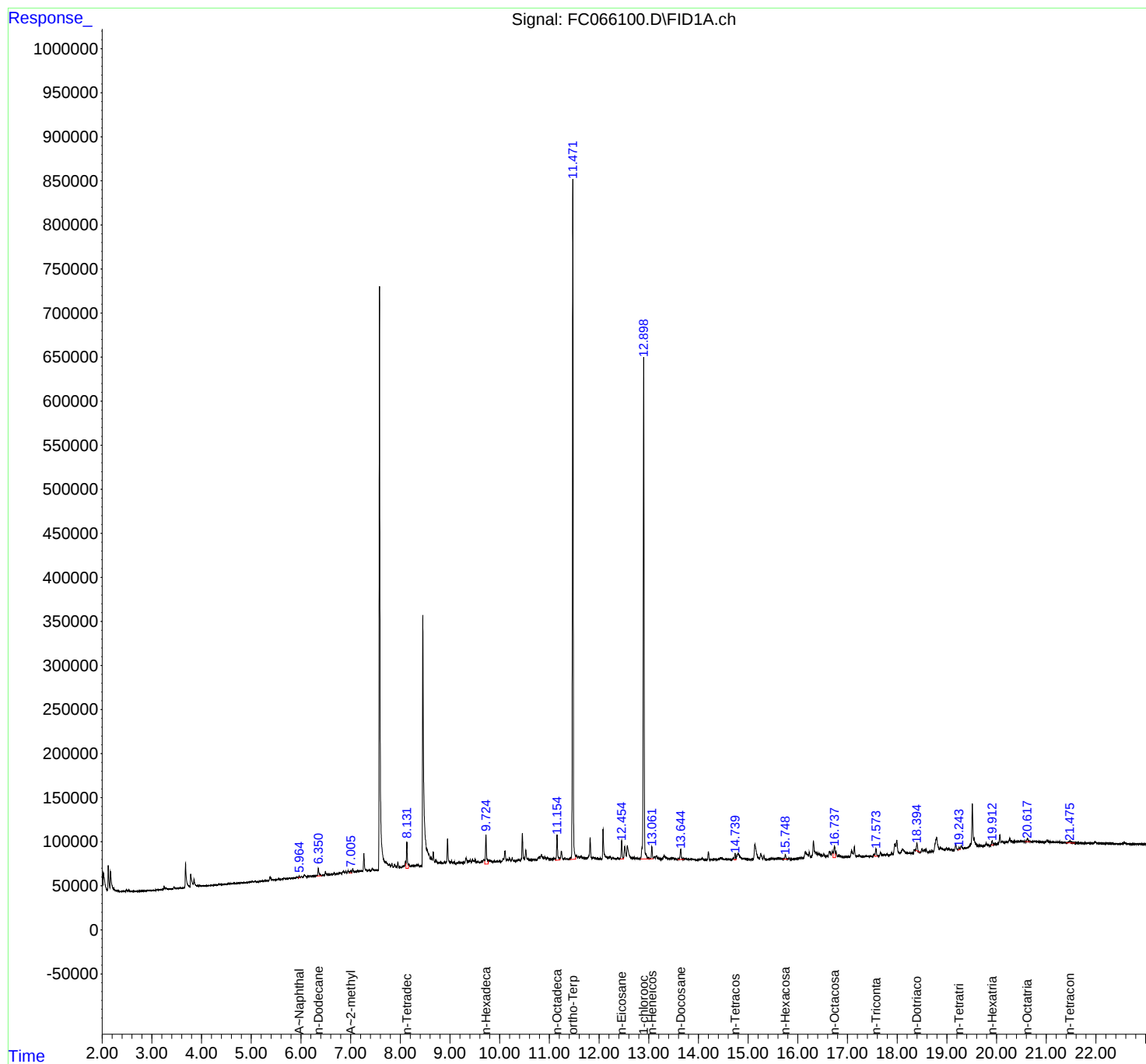
(f)=RT Delta > 1/2 Window

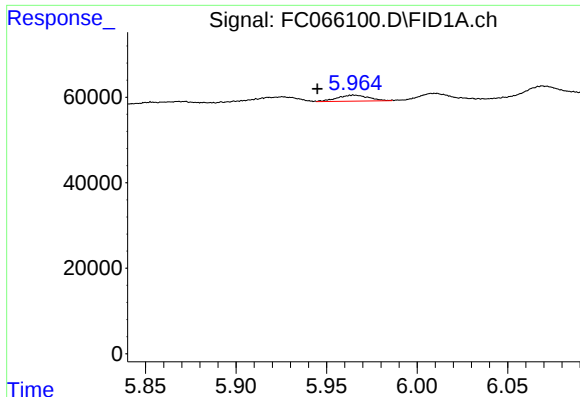
(m)=manual int.

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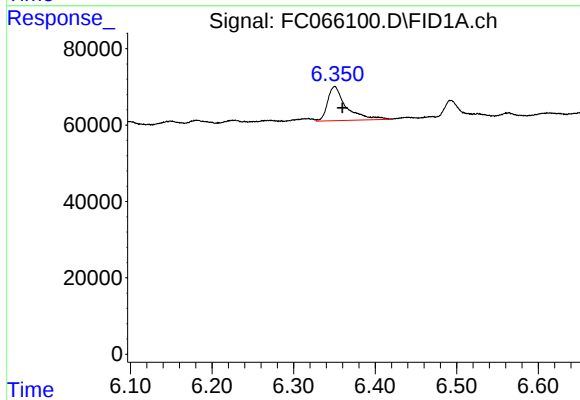
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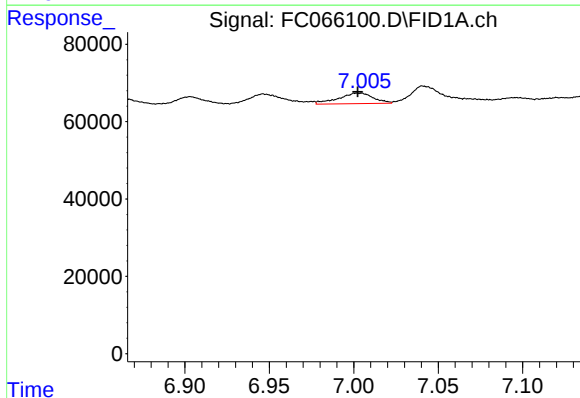
#3 A~Naphthalene (C11.7)

R.T.: 5.965 min
Delta R.T.: 0.020 min
Response: 17182
Conc: 0.10 ug/ml



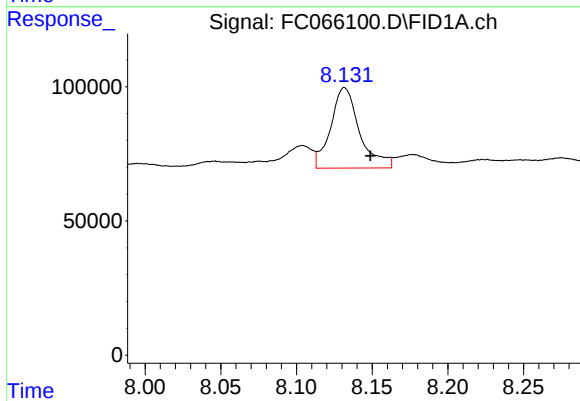
#4 n-Dodecane (C12)

R.T.: 6.350 min
Delta R.T.: -0.009 min
Response: 143632
Conc: 0.82 ug/ml



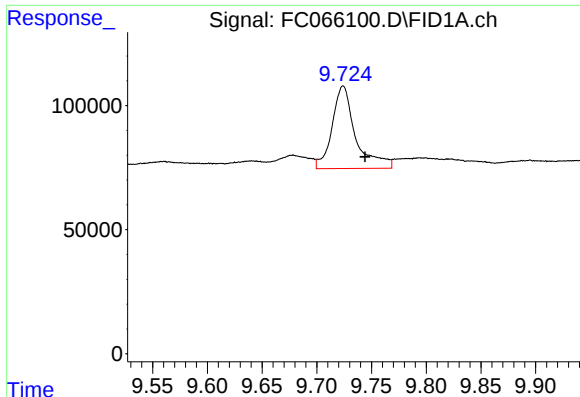
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.003 min
Delta R.T.: 0.000 min
Response: 39401
Conc: 0.23 ug/ml



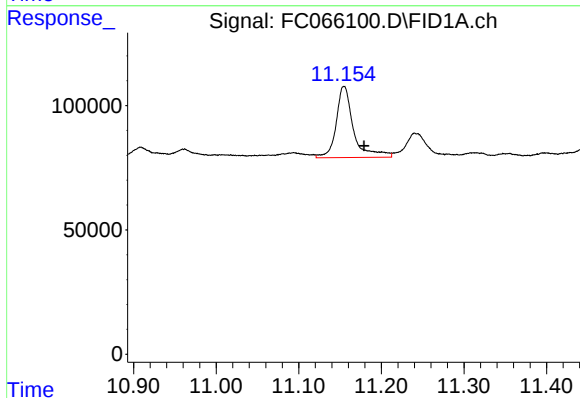
#6 n-Tetradecane (C14)

R.T.: 8.132 min
Delta R.T.: -0.017 min
Response: 398266
Conc: 2.29 ug/ml



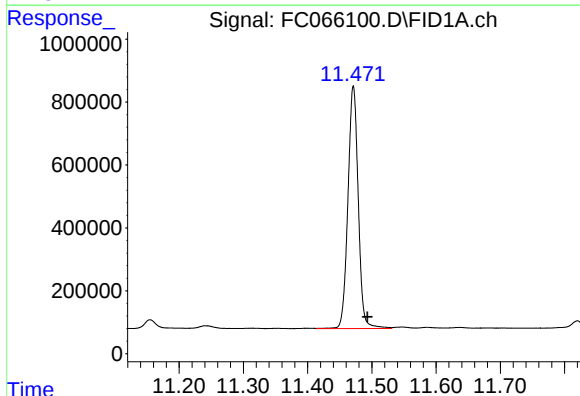
#7 n-Hexadecane (C16)

R.T.: 9.724 min
Delta R.T.: -0.020 min
Response: 496682
Conc: 2.78 ug/ml



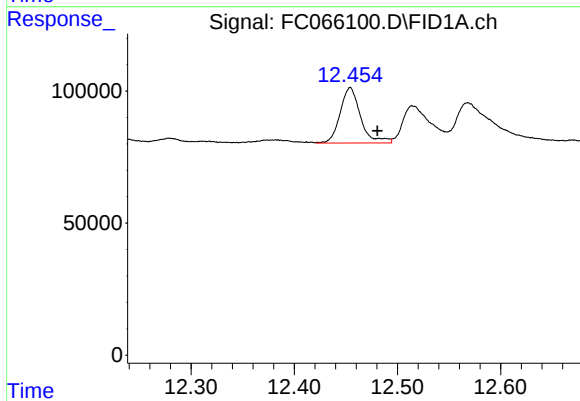
#8 n-Octadecane (C18)

R.T.: 11.155 min
Delta R.T.: -0.024 min
Response: 416775
Conc: 2.29 ug/ml



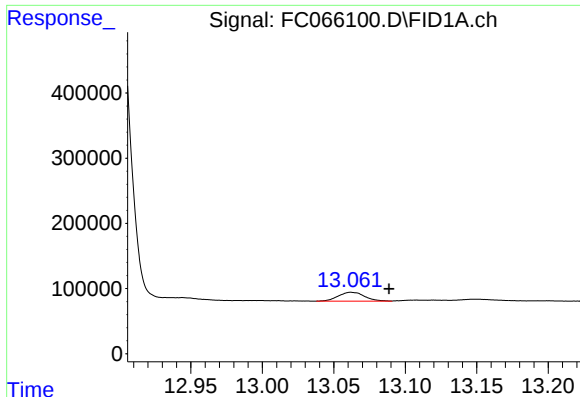
#9 ortho-Terphenyl (SURR)

R.T.: 11.471 min
Delta R.T.: -0.022 min
Response: 8593916
Conc: 43.97 ug/ml



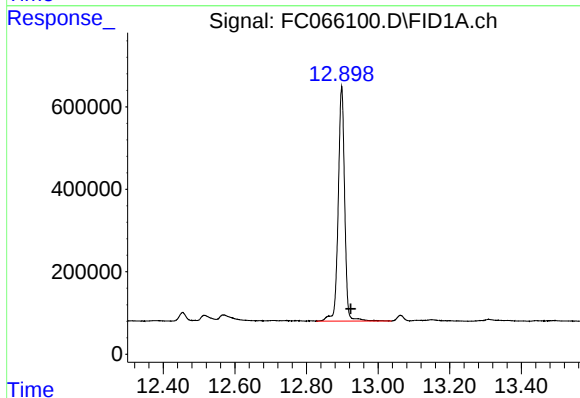
#10 n-Eicosane (C20)

R.T.: 12.454 min
Delta R.T.: -0.027 min
Response: 288211
Conc: 1.65 ug/ml



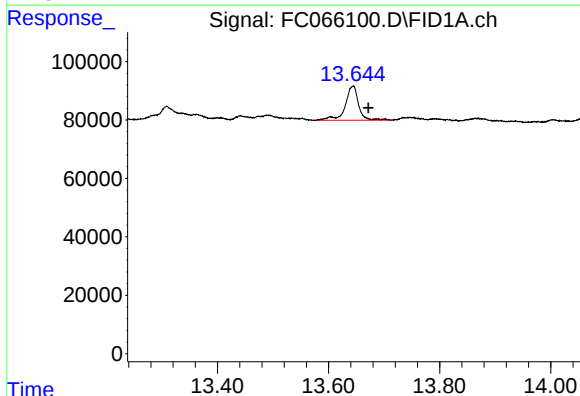
#11 n-Heneicosane (C21)

R.T.: 13.063 min
Delta R.T.: -0.026 min
Response: 175865
Conc: 1.01 ug/ml



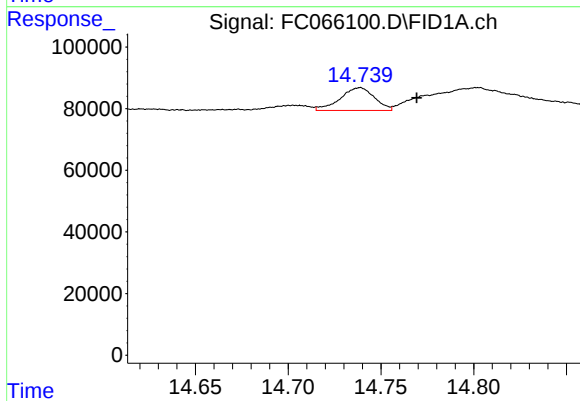
#12 1-chlorooctadecane (SURR)

R.T.: 12.898 min
Delta R.T.: -0.025 min
Response: 7122679
Conc: 48.86 ug/ml



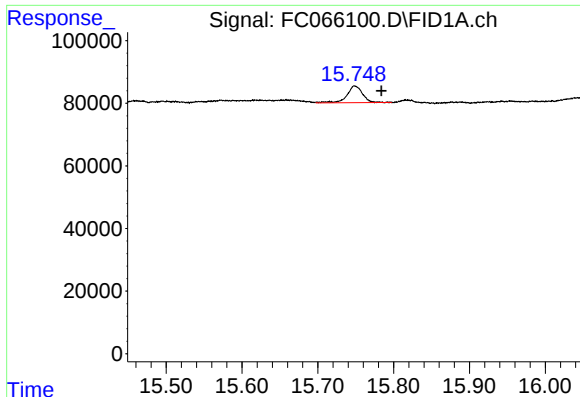
#13 n-Docosane (C22)

R.T.: 13.644 min
Delta R.T.: -0.028 min
Response: 194335
Conc: 1.13 ug/ml



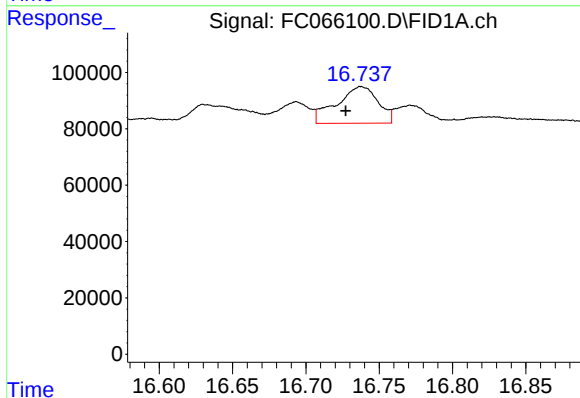
#14 n-Tetracosane (C24)

R.T.: 14.738 min
Delta R.T.: -0.031 min
Response: 94733
Conc: 0.55 ug/ml



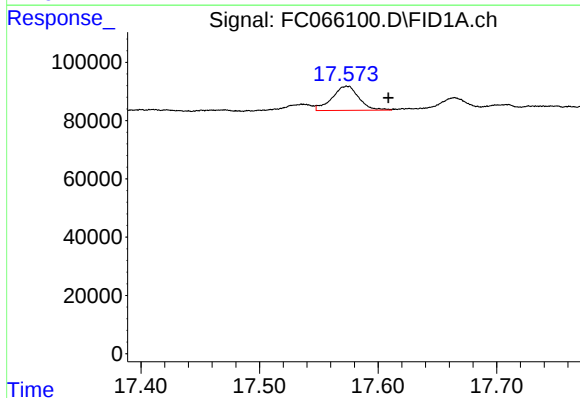
#15 n-Hexacosane (C26)

R.T.: 15.749 min
Delta R.T.: -0.035 min
Response: 77302
Conc: 0.46 ug/ml



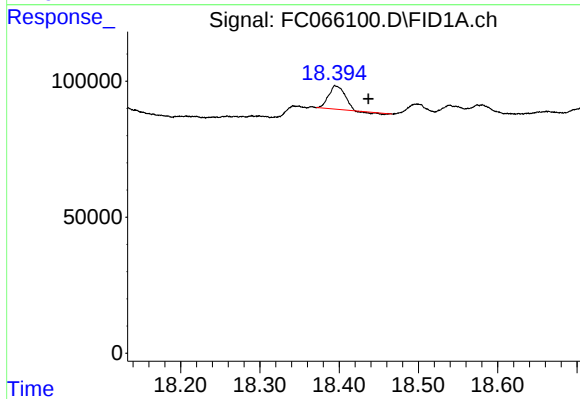
#16 n-Octacosane (C28)

R.T.: 16.738 min
Delta R.T.: 0.011 min
Response: 256786
Conc: 1.54 ug/ml



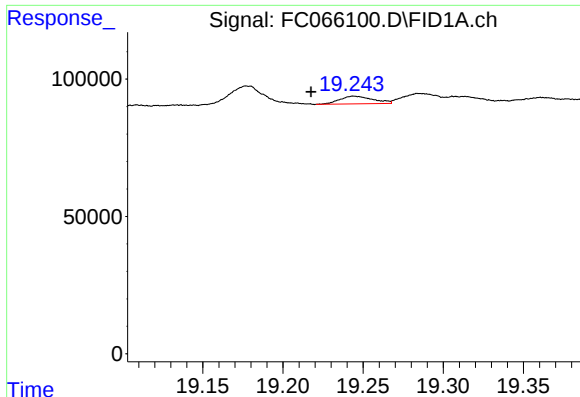
#17 n-Tricontane (C30)

R.T.: 17.573 min
Delta R.T.: -0.035 min
Response: 130113
Conc: 0.76 ug/ml



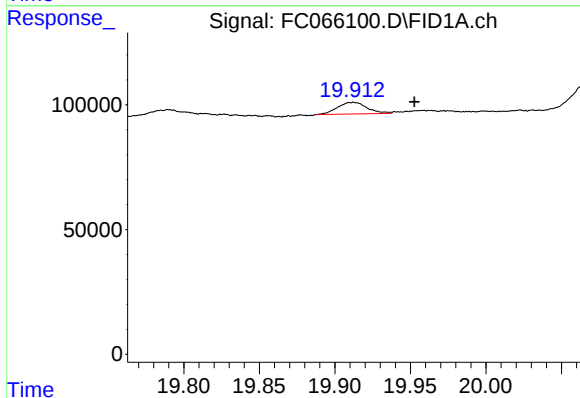
#18 n-Dotriacontane (C32)

R.T.: 18.397 min
Delta R.T.: -0.040 min
Response: 118835
Conc: 0.70 ug/ml



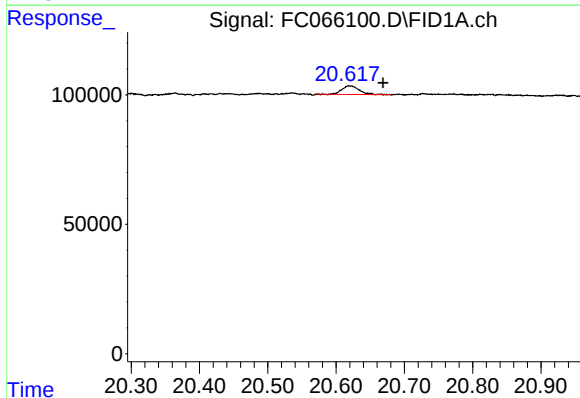
#19 n-Tetratriacontane (C34)

R.T.: 19.245 min
Delta R.T.: 0.027 min
Response: 40869
Conc: 0.25 ug/ml



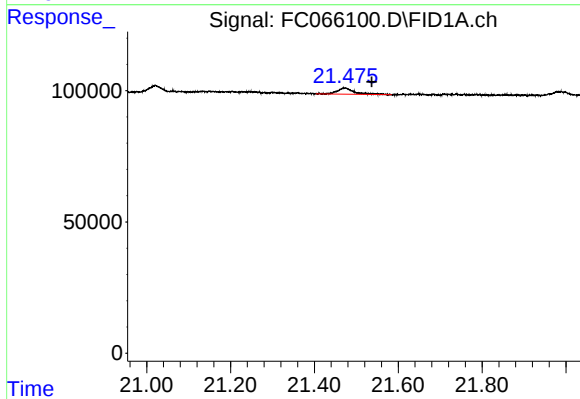
#20 n-Hexatriacontane (C36)

R.T.: 19.912 min
Delta R.T.: -0.041 min
Response: 63827
Conc: 0.40 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.620 min
Delta R.T.: -0.048 min
Response: 60256
Conc: 0.38 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.472 min
Delta R.T.: -0.065 min
Response: 64862
Conc: 0.41 ug/ml