

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022323AL\
 Data File : FC062974.D
 Signal(s) : FID1A.ch
 Acq On : 22 Feb 2023 11:16
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 23 05:19:23 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 022223.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 22 04:36:00 2023
 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)	11.532	2607893	20.091 ug/ml
Spiked Amount 50.000		Recovery =	40.18%
12) S 1-chlorooctadecane (S...	12.972	1984748	20.346 ug/ml
Spiked Amount 50.000		Recovery =	40.69%
Target Compounds			
1) T n-Nonane (C9)	3.295	2374425	20.028 ug/ml
2) T n-Decane (C10)	4.362	2314342	20.070 ug/ml
3) T A~Naphthalene (C11.7)	5.946	2590040	20.252 ug/ml
4) T n-Dodecane (C12)	6.382	2308592	19.992 ug/ml
5) T A~2-methylnaphthalene...	7.003	2418064	20.544 ug/ml
6) T n-Tetradecane (C14)	8.177	2303023	20.378 ug/ml
7) T n-Hexadecane (C16)	9.778	2339606	20.338 ug/ml
8) T n-Octadecane (C18)	11.220	2374713	20.388 ug/ml
10) T n-Eicosane (C20)	12.528	2308810	20.263 ug/ml
11) T n-Heneicosane (C21)	13.140	2309178	20.262 ug/ml
13) T n-Docosane (C22)	13.725	2280936	20.224 ug/ml
14) T n-Tetracosane (C24)	14.826	2274697	20.298 ug/ml
15) T n-Hexacosane (C26)	15.846	2245557	20.305 ug/ml
16) T n-Octacosane (C28)	16.794	2234425	20.307 ug/ml
17) T n-Tricontane (C30)	17.680	2237624	20.319 ug/ml
18) T n-Dotriacontane (C32)	18.511	2268768	20.328 ug/ml
19) T n-Tetratriacontane (C34)	19.292	2268216	20.294 ug/ml
20) T n-Hexatriacontane (C36)	20.029	2188867	20.164 ug/ml
21) T n-Octatriacontane (C38)	20.758	2197941	20.226 ug/ml
22) T n-Tetracontane (C40)	21.658	2196500	20.190 ug/ml

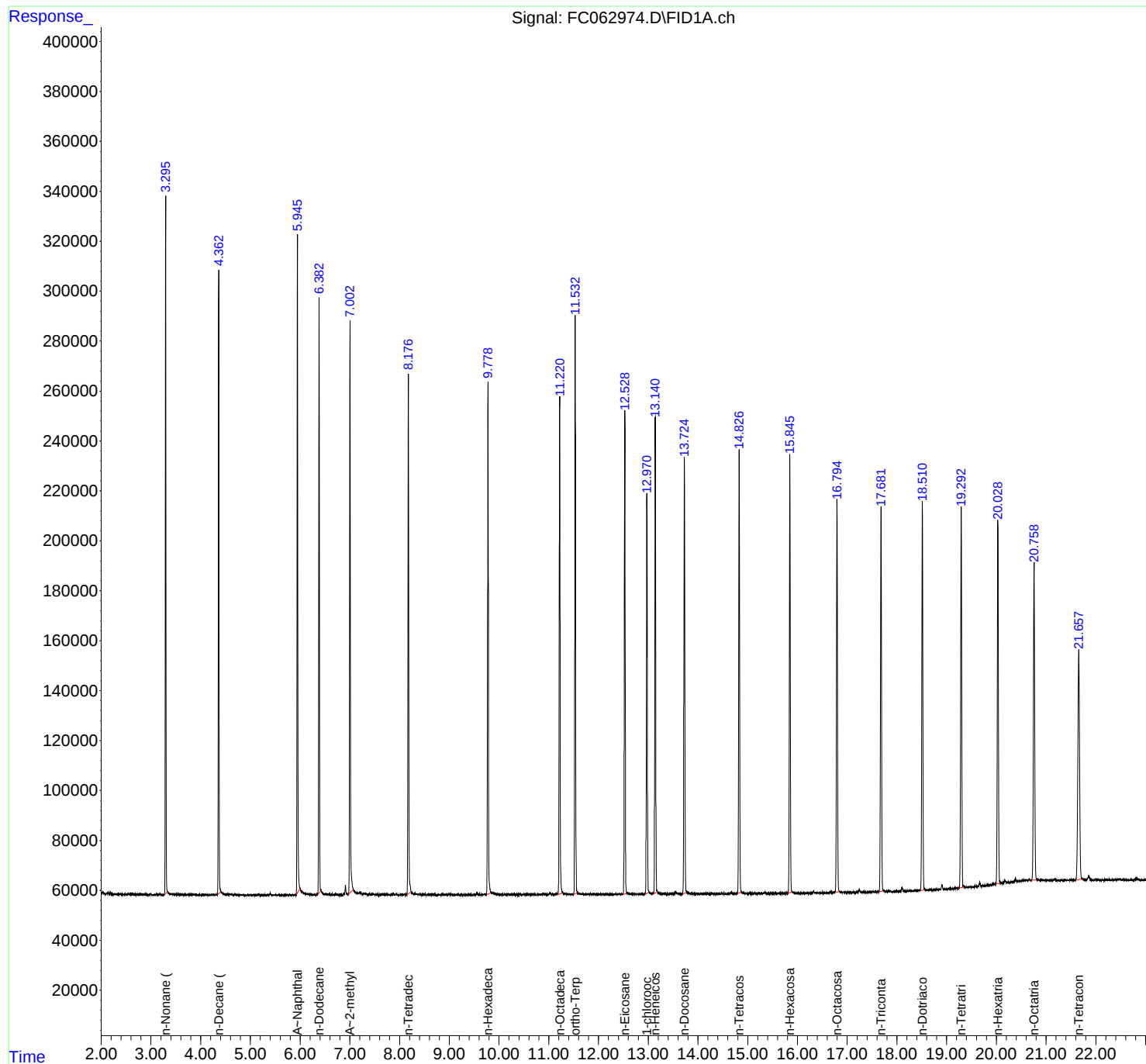
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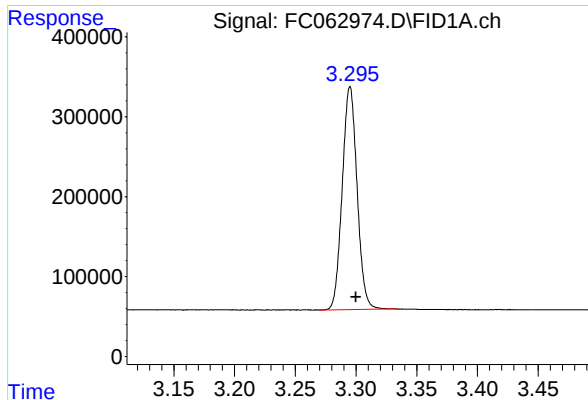
(m)=manual int.

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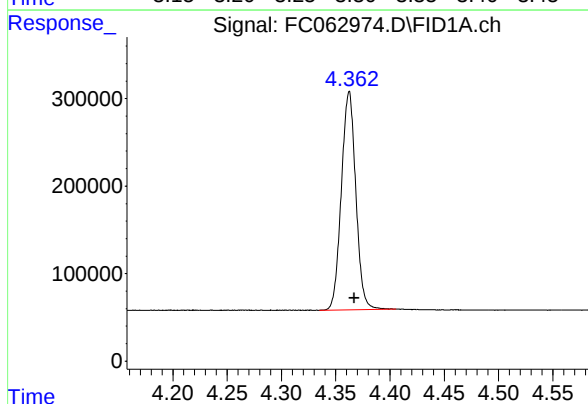
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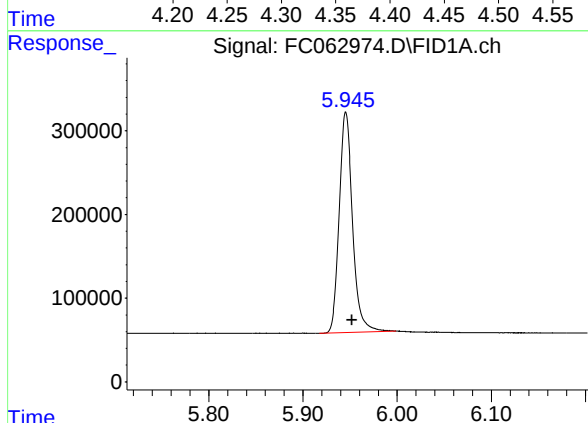
#1 n-Nonane (C9)

R.T.: 3.295 min
Delta R.T.: -0.005 min
Response: 2374425
Conc: 20.03 ug/ml



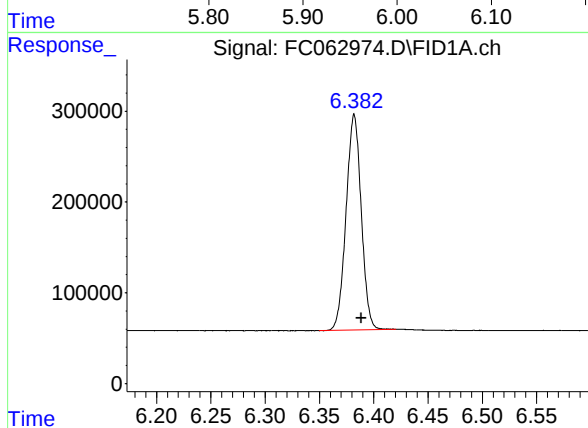
#2 n-Decane (C10)

R.T.: 4.362 min
Delta R.T.: -0.005 min
Response: 2314342
Conc: 20.07 ug/ml



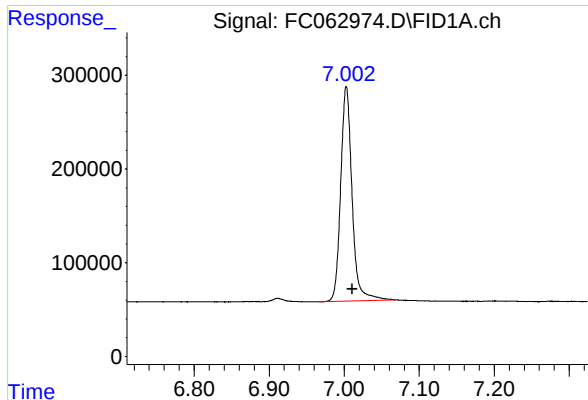
#3 A~Naphthalene (C11.7)

R.T.: 5.946 min
Delta R.T.: -0.006 min
Response: 2590040
Conc: 20.25 ug/ml



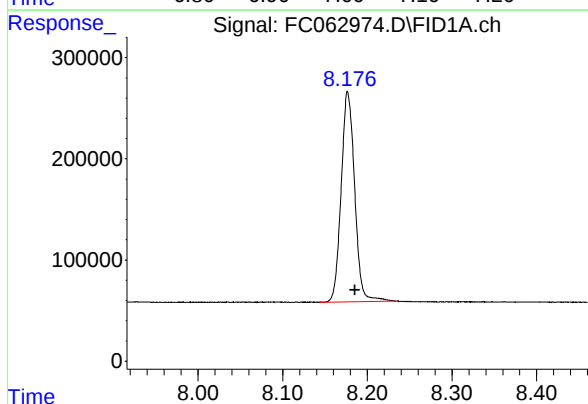
#4 n-Dodecane (C12)

R.T.: 6.382 min
Delta R.T.: -0.006 min
Response: 2308592
Conc: 19.99 ug/ml



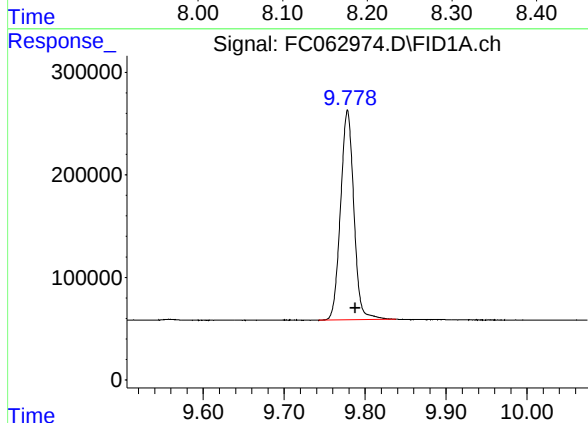
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.003 min
Delta R.T.: -0.008 min
Response: 2418064
Conc: 20.54 ug/ml



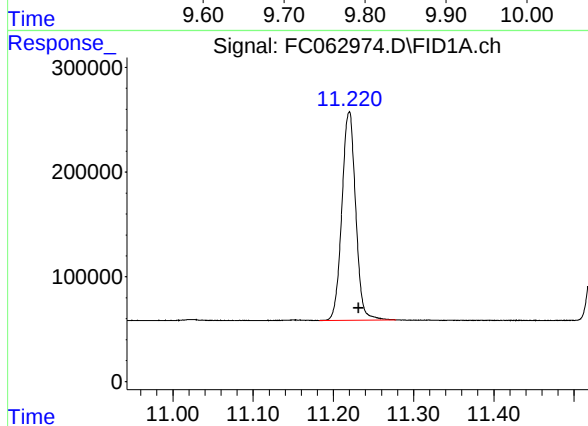
#6 n-Tetradecane (C14)

R.T.: 8.177 min
Delta R.T.: -0.008 min
Response: 2303023
Conc: 20.38 ug/ml



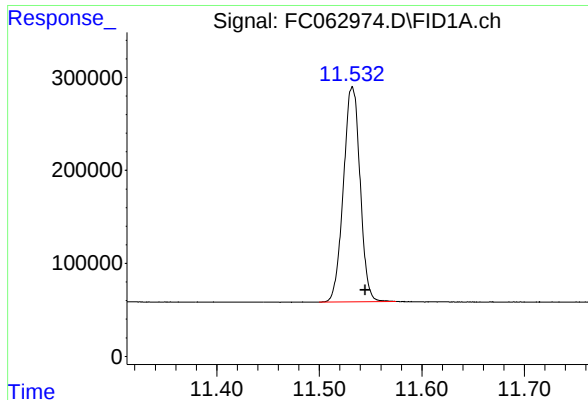
#7 n-Hexadecane (C16)

R.T.: 9.778 min
Delta R.T.: -0.010 min
Response: 2339606
Conc: 20.34 ug/ml



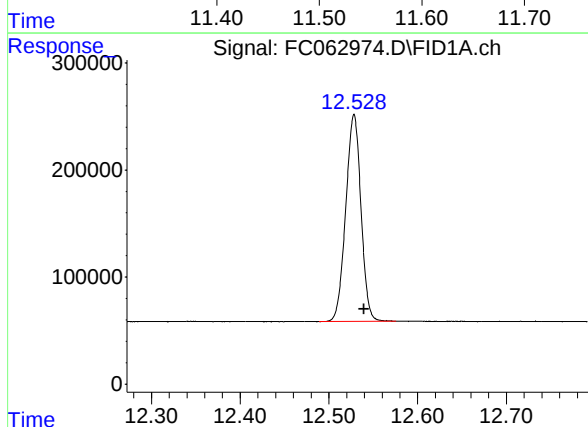
#8 n-Octadecane (C18)

R.T.: 11.220 min
Delta R.T.: -0.012 min
Response: 2374713
Conc: 20.39 ug/ml



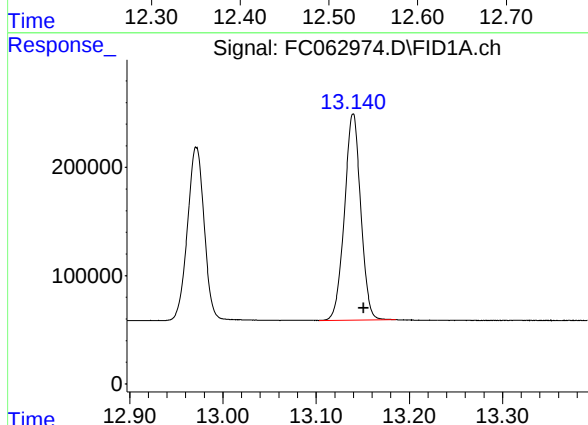
#9 ortho-Terphenyl (SURR)

R.T.: 11.532 min
Delta R.T.: -0.013 min
Response: 2607893
Conc: 20.09 ug/ml



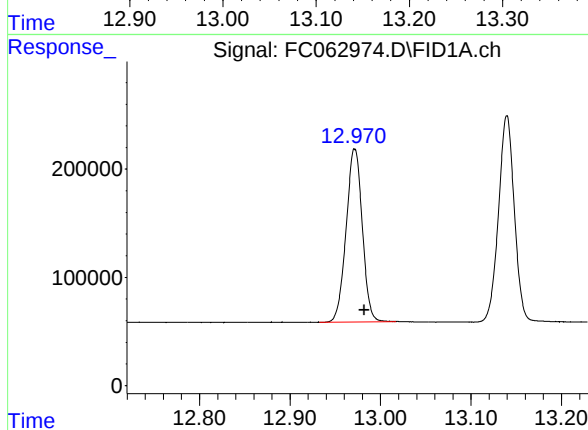
#10 n-Eicosane (C20)

R.T.: 12.528 min
Delta R.T.: -0.011 min
Response: 2308810
Conc: 20.26 ug/ml



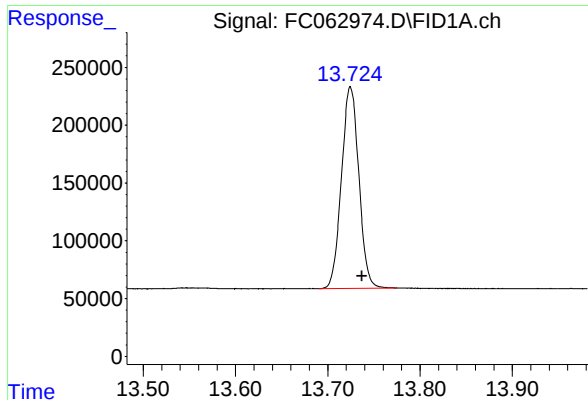
#11 n-Heneicosane (C21)

R.T.: 13.140 min
Delta R.T.: -0.011 min
Response: 2309178
Conc: 20.26 ug/ml



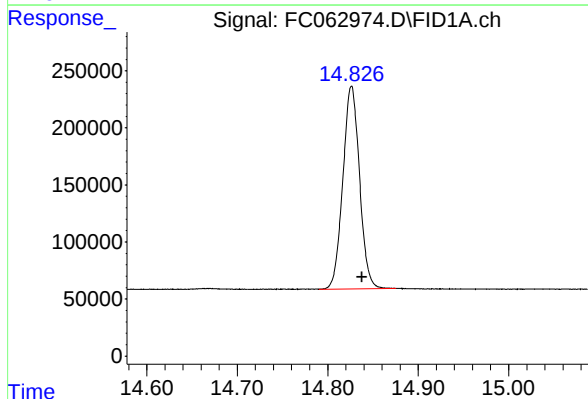
#12 1-chlorooctadecane (SURR)

R.T.: 12.972 min
Delta R.T.: -0.010 min
Response: 1984748
Conc: 20.35 ug/ml



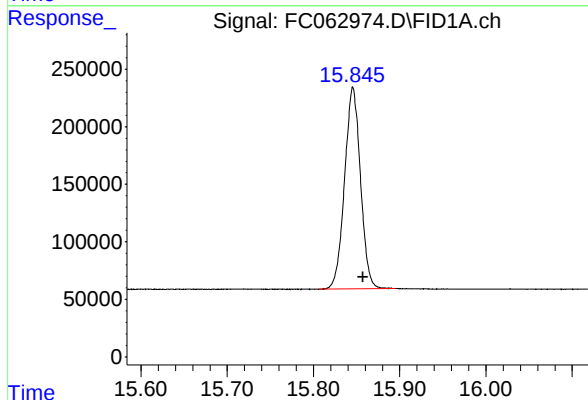
#13 n-Docosane (C22)

R.T.: 13.725 min
Delta R.T.: -0.012 min
Response: 2280936
Conc: 20.22 ug/ml



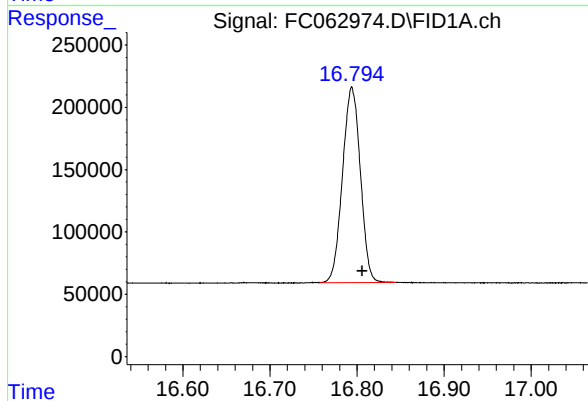
#14 n-Tetracosane (C24)

R.T.: 14.826 min
Delta R.T.: -0.011 min
Response: 2274697
Conc: 20.30 ug/ml



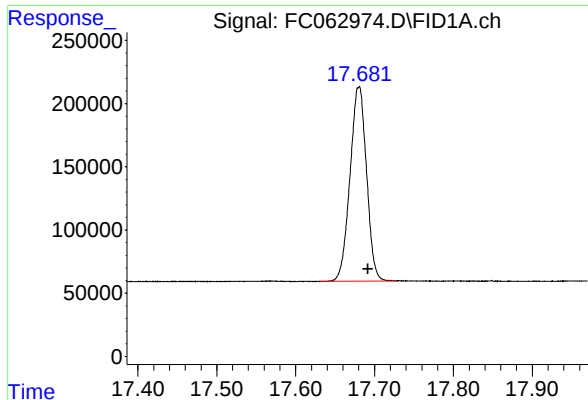
#15 n-Hexacosane (C26)

R.T.: 15.846 min
Delta R.T.: -0.012 min
Response: 2245557
Conc: 20.31 ug/ml



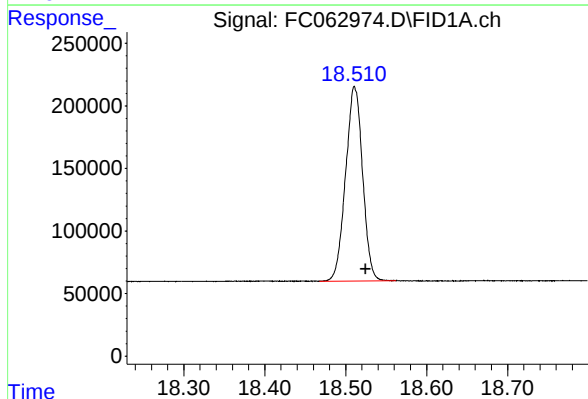
#16 n-Octacosane (C28)

R.T.: 16.794 min
Delta R.T.: -0.012 min
Response: 2234425
Conc: 20.31 ug/ml



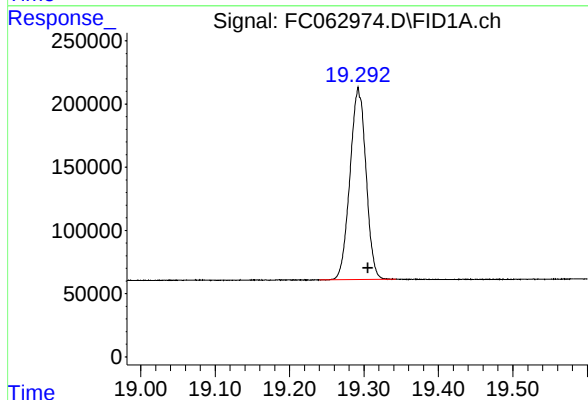
#17 n-Tricontane (C30)

R.T.: 17.680 min
Delta R.T.: -0.012 min
Response: 2237624
Conc: 20.32 ug/ml



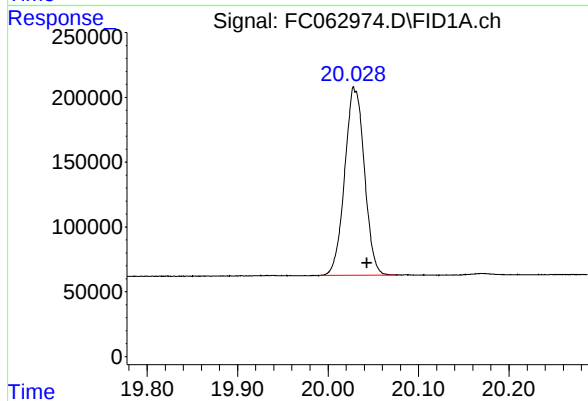
#18 n-Dotriacontane (C32)

R.T.: 18.511 min
Delta R.T.: -0.014 min
Response: 2268768
Conc: 20.33 ug/ml



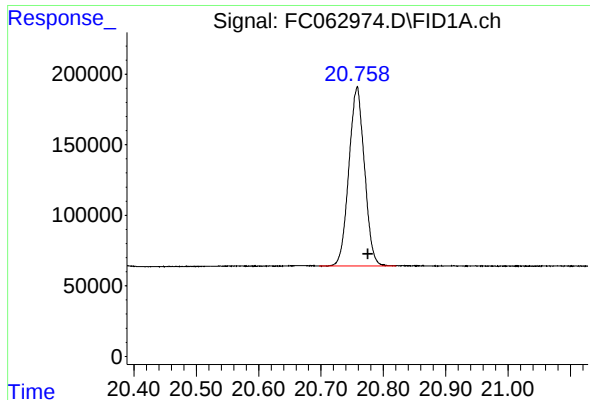
#19 n-Tetatriacontane (C34)

R.T.: 19.292 min
Delta R.T.: -0.013 min
Response: 2268216
Conc: 20.29 ug/ml



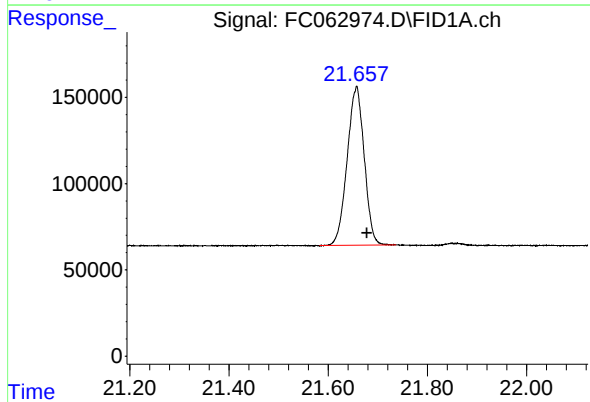
#20 n-Hexatriacontane (C36)

R.T.: 20.029 min
Delta R.T.: -0.014 min
Response: 2188867
Conc: 20.16 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.758 min
Delta R.T.: -0.017 min
Response: 2197941
Conc: 20.23 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.658 min
Delta R.T.: -0.021 min
Response: 2196500
Conc: 20.19 ug/ml