

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG022823AL\
 Data File : FG011498.D
 Signal(s) : FID1A.ch
 Acq On : 28 Feb 2023 09:09
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 01 06:19:05 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 022723.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 28 03:30:17 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)	10.968	2939646	20.774 ug/ml
Spiked Amount 50.000		Recovery =	41.55%
12) S 1-chlorooctadecane (S...	12.407	2332069	20.891 ug/ml
Spiked Amount 50.000		Recovery =	41.78%
Target Compounds			
1) T n-Nonane (C9)	2.789	2307537	20.421 ug/ml
2) T n-Decane (C10)	3.805	2281199	20.308 ug/ml
3) T A~Naphthalene (C11.7)	5.376	2746094	20.502 ug/ml
4) T n-Dodecane (C12)	5.801	2348628	20.269 ug/ml
5) T A~2-methylnaphthalene...	6.429	2632062	20.583 ug/ml
6) T n-Tetradecane (C14)	7.597	2441158	20.322 ug/ml
7) T n-Hexadecane (C16)	9.202	2600642	20.438 ug/ml
8) T n-Octadecane (C18)	10.647	2708826	20.643 ug/ml
10) T n-Eicosane (C20)	11.961	2676920	20.693 ug/ml
11) T n-Heneicosane (C21)	12.574	2697577	20.881 ug/ml
13) T n-Docosane (C22)	13.162	2675467	20.613 ug/ml
14) T n-Tetracosane (C24)	14.268	2622928	20.032 ug/ml
15) T n-Hexacosane (C26)	15.292	2512856	19.575 ug/ml
16) T n-Octacosane (C28)	16.244	2418436	19.159 ug/ml
17) T n-Tricontane (C30)	17.133	2353570	18.904 ug/ml
18) T n-Dotriacontane (C32)	17.969	2332803	19.141 ug/ml
19) T n-Tetratriacontane (C34)	18.755	2288041	19.052 ug/ml
20) T n-Hexatriacontane (C36)	19.497	2182241	20.367 ug/ml
21) T n-Octatriacontane (C38)	20.248	2175362	20.650 ug/ml
22) T n-Tetracontane (C40)	21.188	2218846	20.744 ug/ml

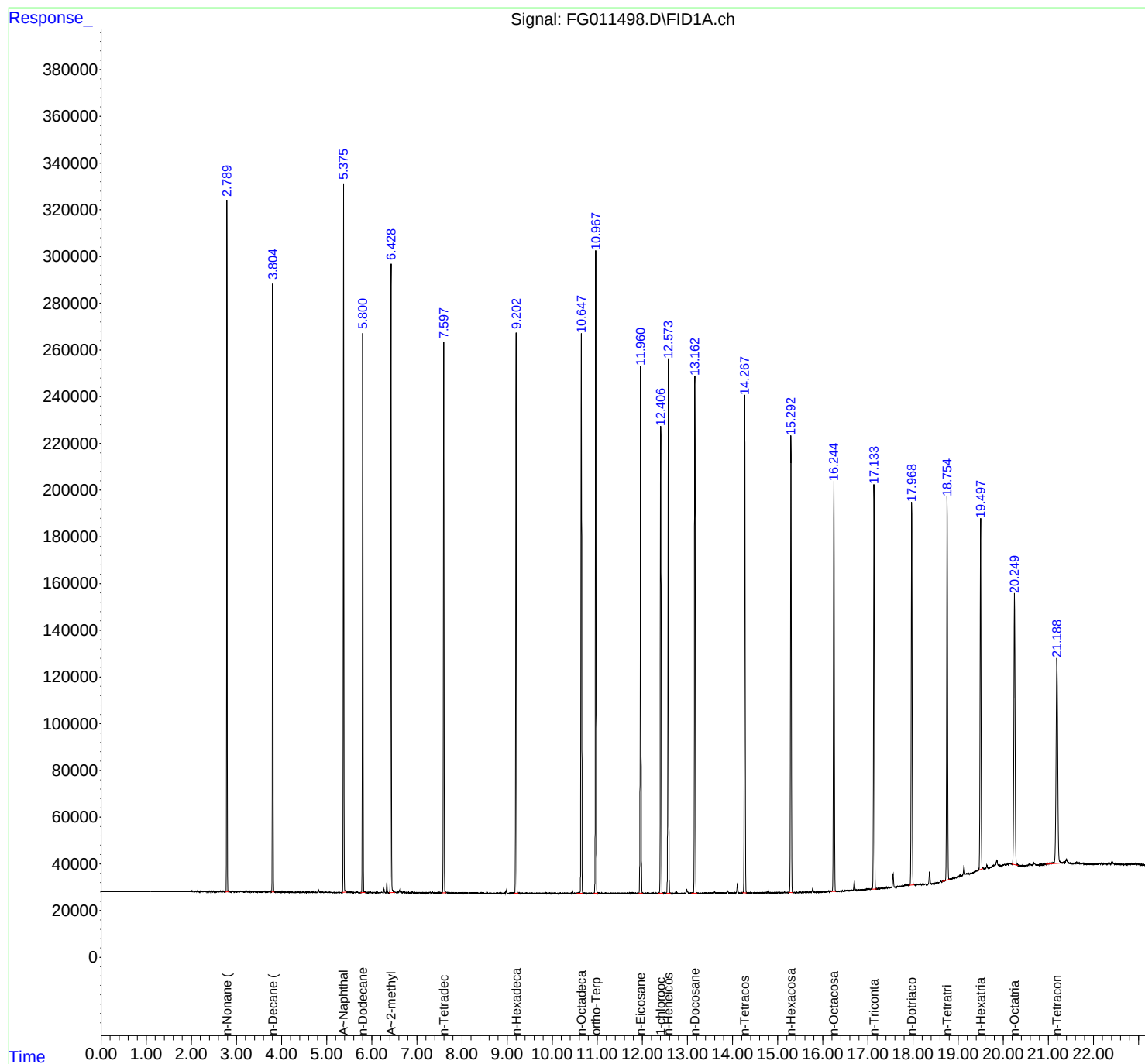
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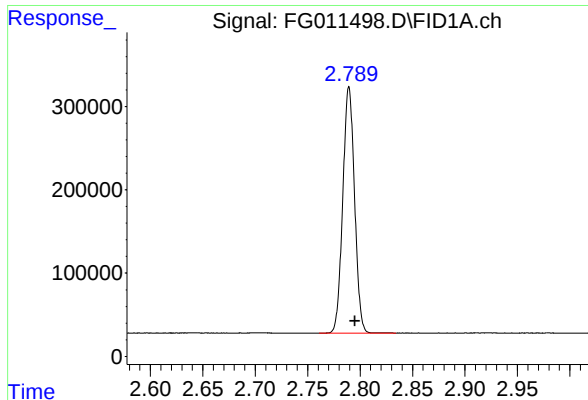
(m)=manual int.

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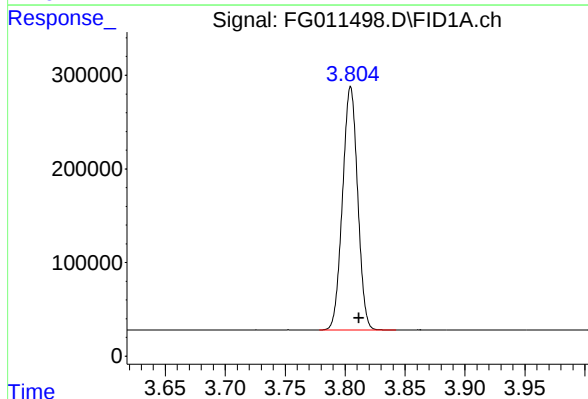
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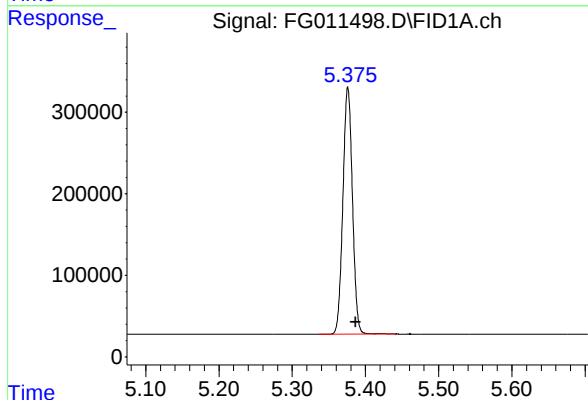
#1 n-Nonane (C9)

R.T.: 2.789 min
Delta R.T.: -0.006 min
Response: 2307537
Conc: 20.42 ug/ml



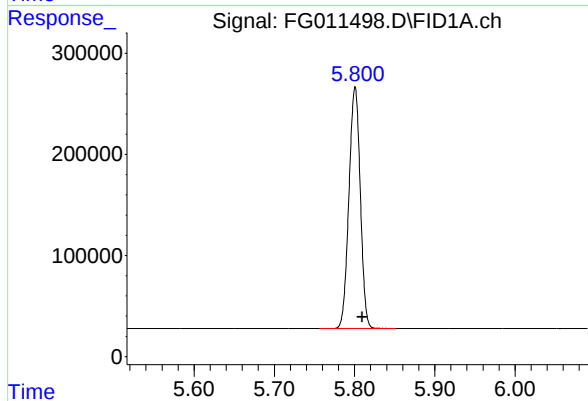
#2 n-Decane (C10)

R.T.: 3.805 min
Delta R.T.: -0.007 min
Response: 2281199
Conc: 20.31 ug/ml



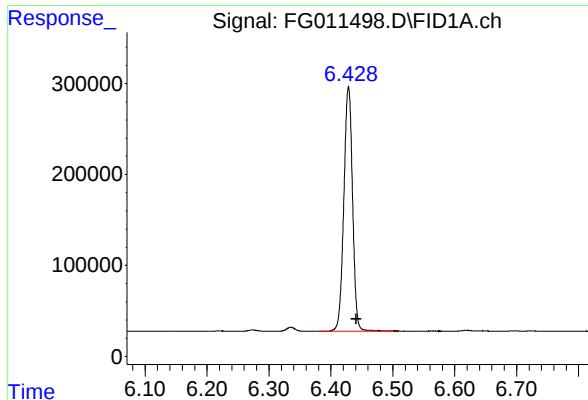
#3 A~Naphthalene (C11.7)

R.T.: 5.376 min
Delta R.T.: -0.011 min
Response: 2746094
Conc: 20.50 ug/ml



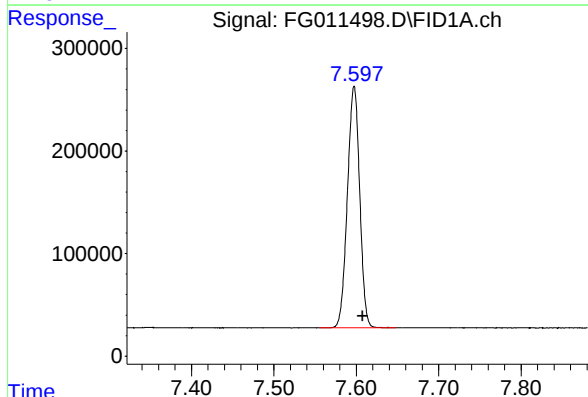
#4 n-Dodecane (C12)

R.T.: 5.801 min
Delta R.T.: -0.009 min
Response: 2348628
Conc: 20.27 ug/ml



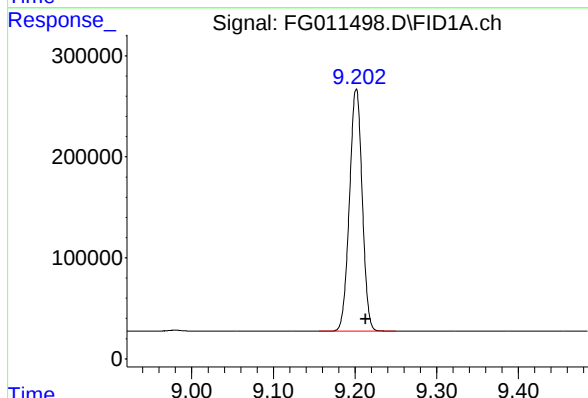
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.429 min
Delta R.T.: -0.012 min
Response: 2632062
Conc: 20.58 ug/ml



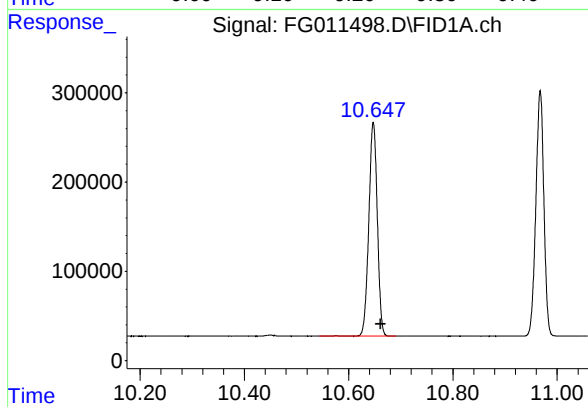
#6 n-Tetradecane (C14)

R.T.: 7.597 min
Delta R.T.: -0.010 min
Response: 2441158
Conc: 20.32 ug/ml



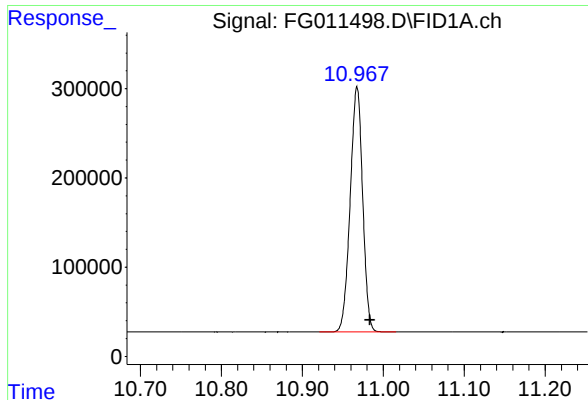
#7 n-Hexadecane (C16)

R.T.: 9.202 min
Delta R.T.: -0.012 min
Response: 2600642
Conc: 20.44 ug/ml



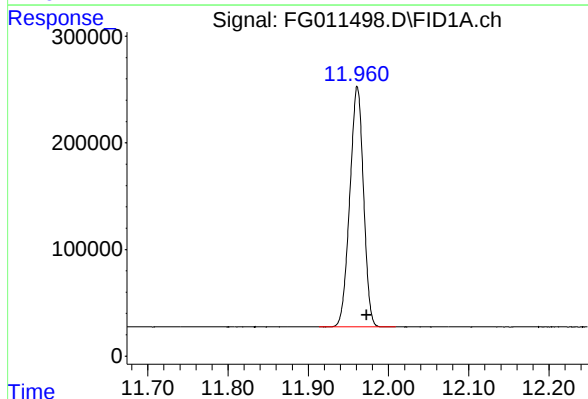
#8 n-Octadecane (C18)

R.T.: 10.647 min
Delta R.T.: -0.014 min
Response: 2708826
Conc: 20.64 ug/ml



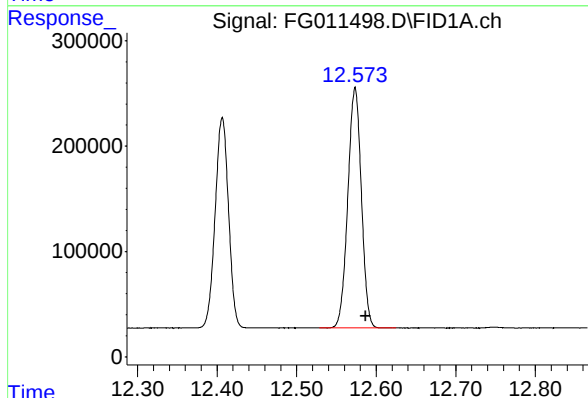
#9 ortho-Terphenyl (SURR)

R.T.: 10.968 min
Delta R.T.: -0.016 min
Response: 2939646
Conc: 20.77 ug/ml



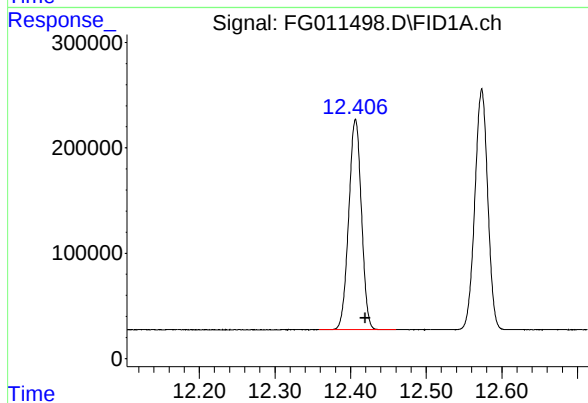
#10 n-Eicosane (C20)

R.T.: 11.961 min
Delta R.T.: -0.012 min
Response: 2676920
Conc: 20.69 ug/ml



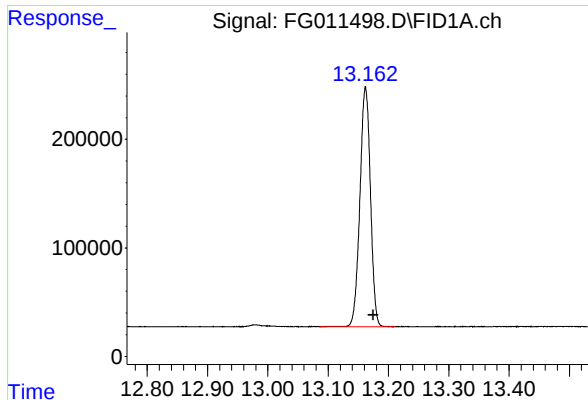
#11 n-Heneicosane (C21)

R.T.: 12.574 min
Delta R.T.: -0.014 min
Response: 2697577
Conc: 20.88 ug/ml



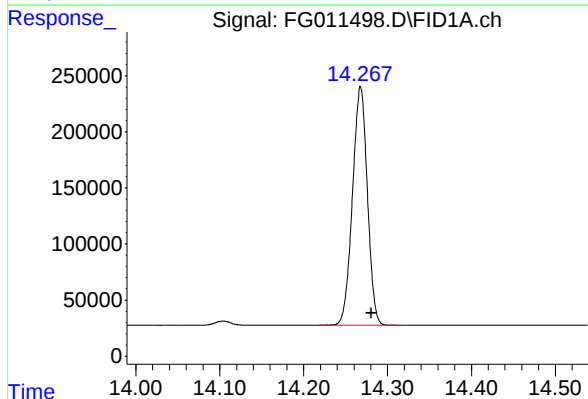
#12 1-chlorooctadecane (SURR)

R.T.: 12.407 min
Delta R.T.: -0.013 min
Response: 2332069
Conc: 20.89 ug/ml



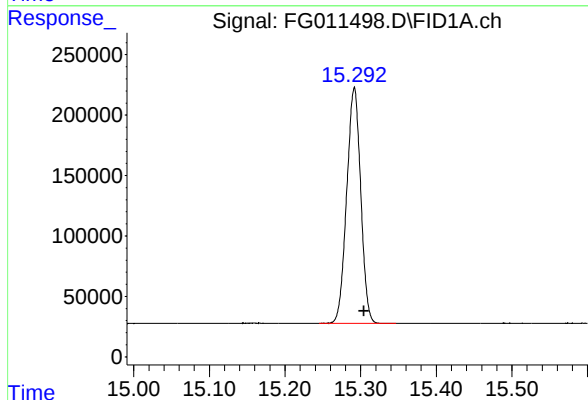
#13 n-Docosane (C22)

R.T.: 13.162 min
Delta R.T.: -0.013 min
Response: 2675467
Conc: 20.61 ug/ml



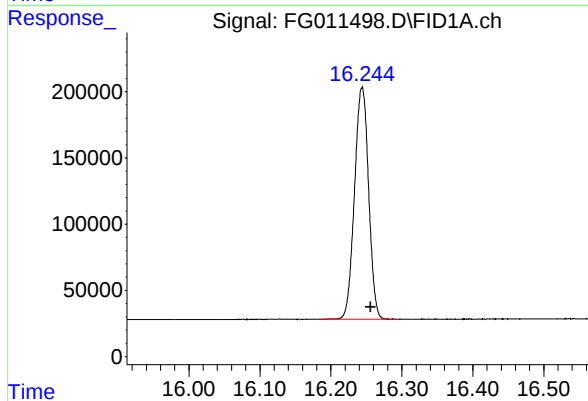
#14 n-Tetracosane (C24)

R.T.: 14.268 min
Delta R.T.: -0.013 min
Response: 2622928
Conc: 20.03 ug/ml



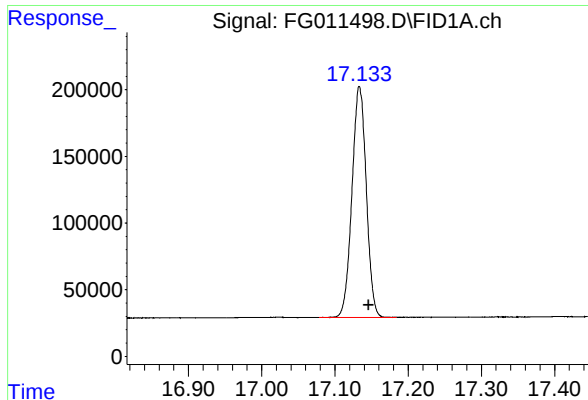
#15 n-Hexacosane (C26)

R.T.: 15.292 min
Delta R.T.: -0.013 min
Response: 2512856
Conc: 19.57 ug/ml



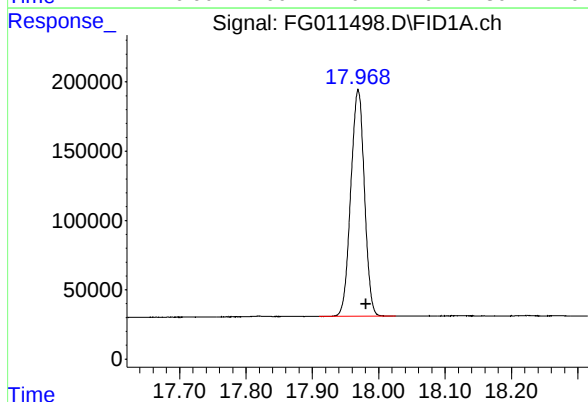
#16 n-Octacosane (C28)

R.T.: 16.244 min
Delta R.T.: -0.012 min
Response: 2418436
Conc: 19.16 ug/ml



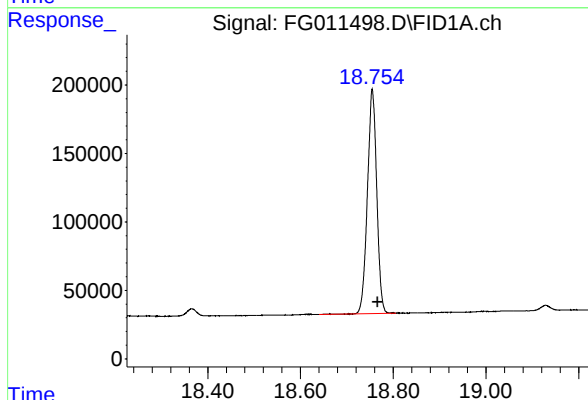
#17 n-Tricontane (C30)

R.T.: 17.133 min
Delta R.T.: -0.013 min
Response: 2353570
Conc: 18.90 ug/ml



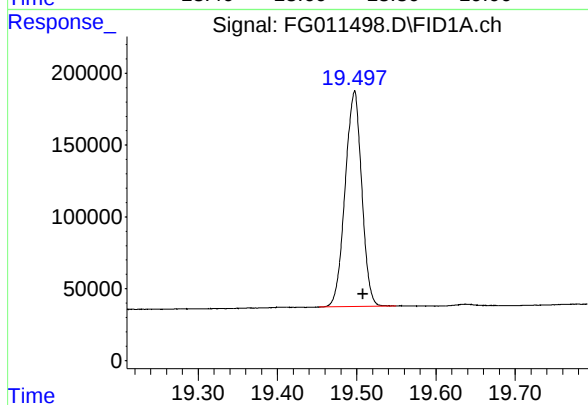
#18 n-Dotriacontane (C32)

R.T.: 17.969 min
Delta R.T.: -0.012 min
Response: 2332803
Conc: 19.14 ug/ml



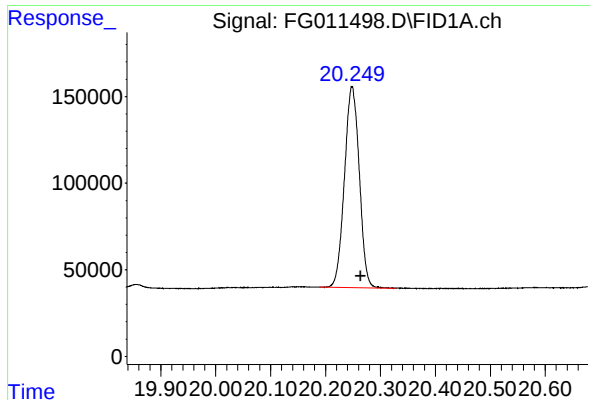
#19 n-Tetatriacontane (C34)

R.T.: 18.755 min
Delta R.T.: -0.012 min
Response: 2288041
Conc: 19.05 ug/ml



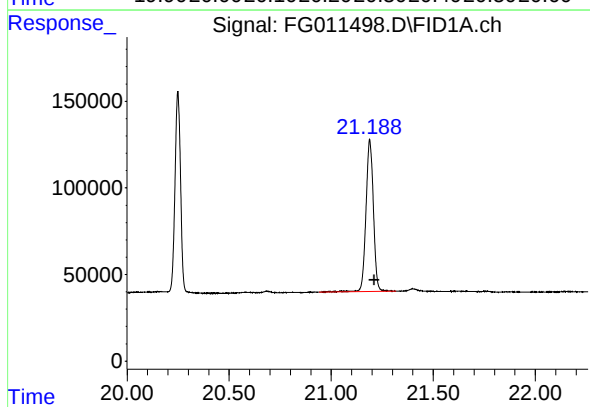
#20 n-Hexatriacontane (C36)

R.T.: 19.497 min
Delta R.T.: -0.011 min
Response: 2182241
Conc: 20.37 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.248 min
Delta R.T.: -0.016 min
Response: 2175362
Conc: 20.65 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.188 min
Delta R.T.: -0.024 min
Response: 2218846
Conc: 20.74 ug/ml