

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG022723AL\
 Data File : FG011485.D
 Signal(s) : FID1A.ch
 Acq On : 27 Feb 2023 18:48
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 28 04:14:53 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)	10.971	2833674	20.025 ug/ml
Spiked Amount 50.000		Recovery =	40.05%
12) S 1-chlorooctadecane (S...	12.409	2246605	20.126 ug/ml
Spiked Amount 50.000		Recovery =	40.25%
Target Compounds			
1) T n-Nonane (C9)	2.791	2272970	20.115 ug/ml
2) T n-Decane (C10)	3.807	2247664	20.009 ug/ml
3) T A~Naphthalene (C11.7)	5.379	2698288	20.145 ug/ml
4) T n-Dodecane (C12)	5.803	2304884	19.891 ug/ml
5) T A~2-methylnaphthalene...	6.431	2577996	20.160 ug/ml
6) T n-Tetradecane (C14)	7.600	2384161	19.848 ug/ml
7) T n-Hexadecane (C16)	9.204	2527194	19.861 ug/ml
8) T n-Octadecane (C18)	10.650	2617061	19.944 ug/ml
10) T n-Eicosane (C20)	11.963	2584606	19.979 ug/ml
11) T n-Heneicosane (C21)	12.577	2597256	20.105 ug/ml
13) T n-Docosane (C22)	13.164	2571827	19.815 ug/ml
14) T n-Tetracosane (C24)	14.271	2517601	19.228 ug/ml
15) T n-Hexacosane (C26)	15.296	2406260	18.744 ug/ml
16) T n-Octacosane (C28)	16.248	2319047	18.372 ug/ml
17) T n-Tricontane (C30)	17.138	2261834	18.167 ug/ml
18) T n-Dotriacontane (C32)	17.972	2252512	18.482 ug/ml
19) T n-Tetratriacontane (C34)	18.758	2223626	18.516 ug/ml
20) T n-Hexatriacontane (C36)	19.499	2132788	19.905 ug/ml
21) T n-Octatriacontane (C38)	20.253	2135328	20.270 ug/ml
22) T n-Tetracontane (C40)	21.196	2136722	19.977 ug/ml

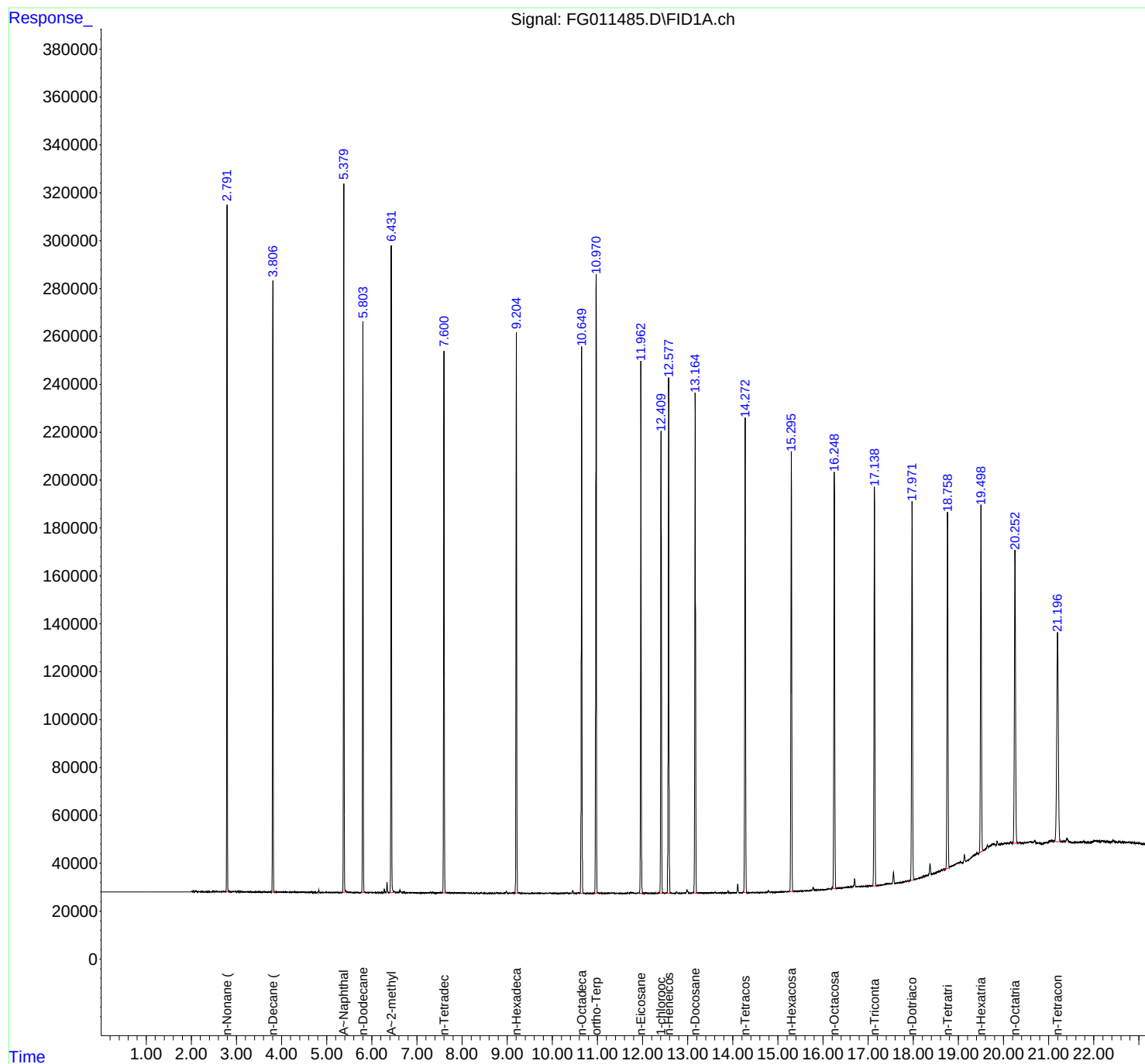
(f)=RT Delta > 1/2 Window

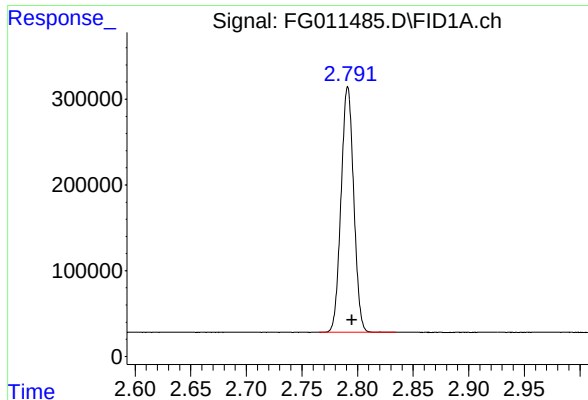
(m)=manual int.

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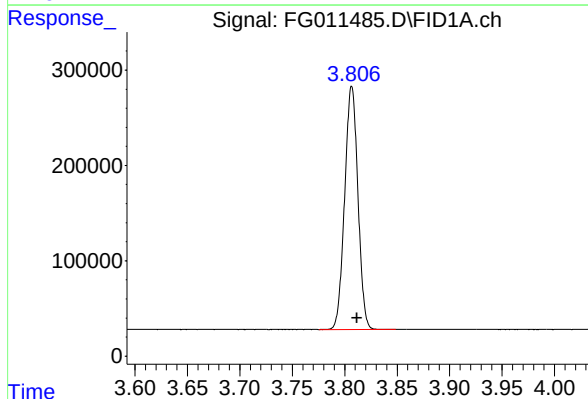
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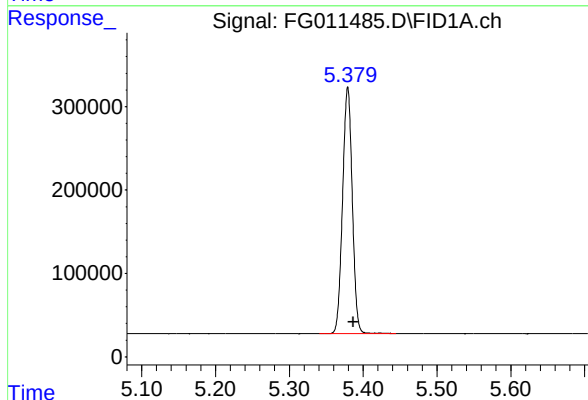
#1 n-Nonane (C9)

R.T.: 2.791 min
Delta R.T.: -0.004 min
Response: 2272970
Conc: 20.12 ug/ml



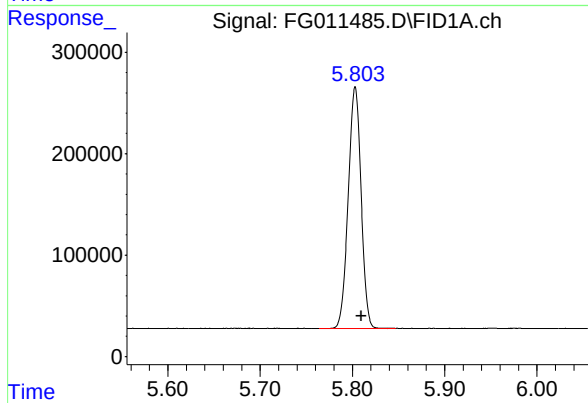
#2 n-Decane (C10)

R.T.: 3.807 min
Delta R.T.: -0.005 min
Response: 2247664
Conc: 20.01 ug/ml



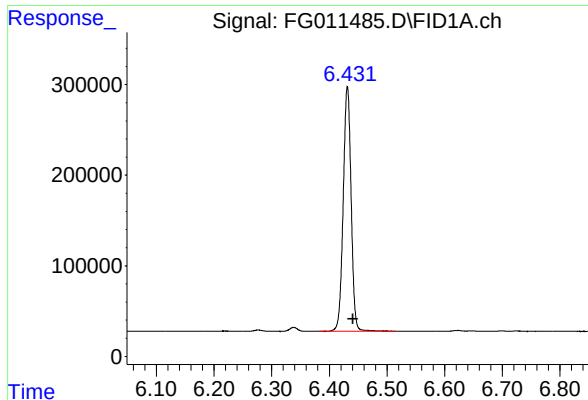
#3 A~Naphthalene (C11.7)

R.T.: 5.379 min
Delta R.T.: -0.007 min
Response: 2698288
Conc: 20.15 ug/ml



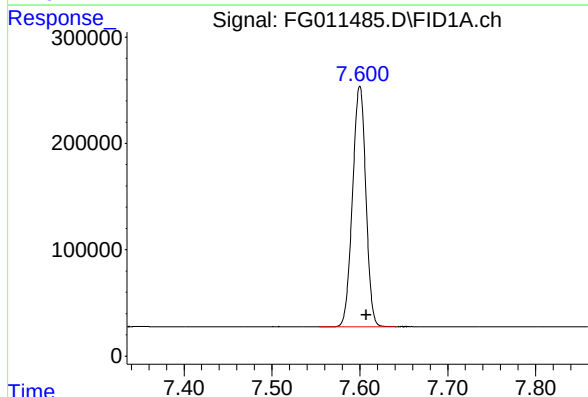
#4 n-Dodecane (C12)

R.T.: 5.803 min
Delta R.T.: -0.007 min
Response: 2304884
Conc: 19.89 ug/ml



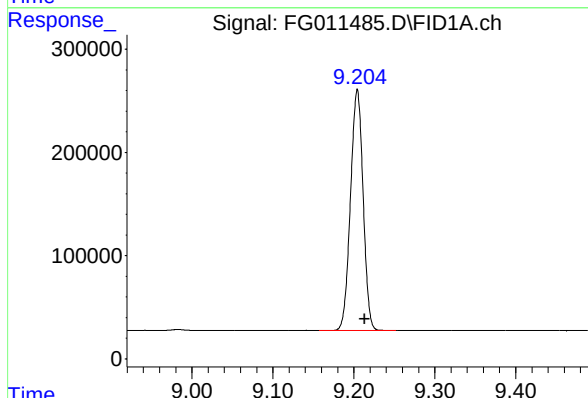
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.431 min
Delta R.T.: -0.009 min
Response: 2577996
Conc: 20.16 ug/ml



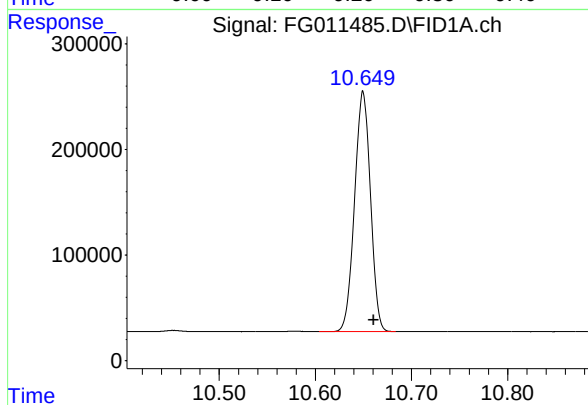
#6 n-Tetradecane (C14)

R.T.: 7.600 min
Delta R.T.: -0.007 min
Response: 2384161
Conc: 19.85 ug/ml



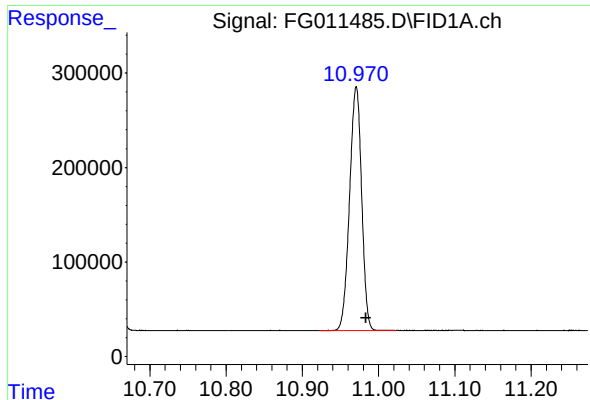
#7 n-Hexadecane (C16)

R.T.: 9.204 min
Delta R.T.: -0.009 min
Response: 2527194
Conc: 19.86 ug/ml



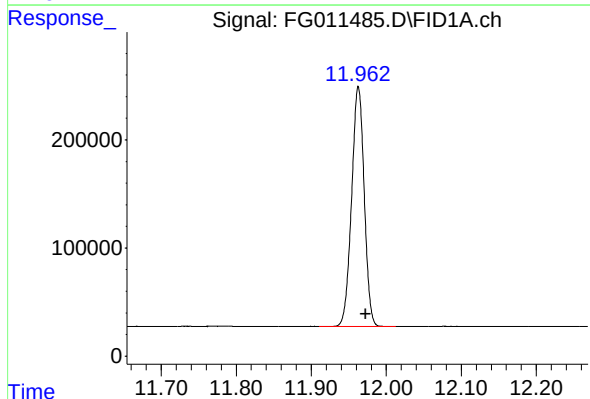
#8 n-Octadecane (C18)

R.T.: 10.650 min
Delta R.T.: -0.011 min
Response: 2617061
Conc: 19.94 ug/ml



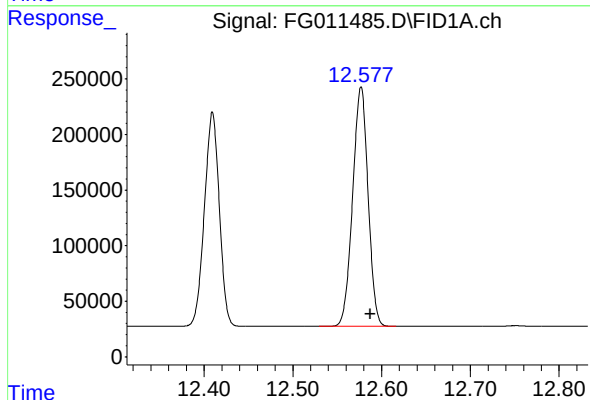
#9 ortho-Terphenyl (SURR)

R.T.: 10.971 min
Delta R.T.: -0.013 min
Response: 2833674
Conc: 20.03 ug/ml



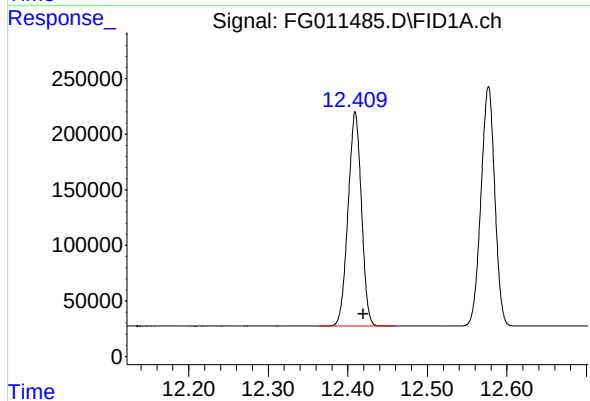
#10 n-Eicosane (C20)

R.T.: 11.963 min
Delta R.T.: -0.010 min
Response: 2584606
Conc: 19.98 ug/ml



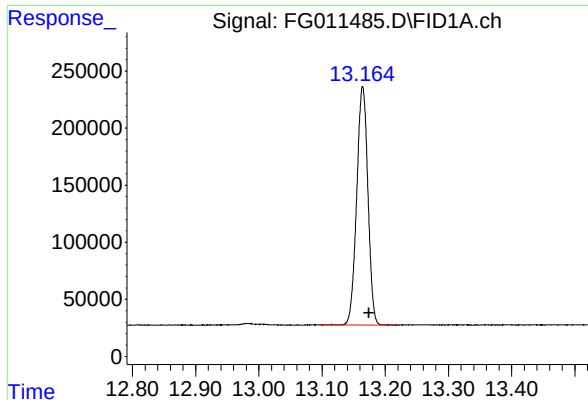
#11 n-Heneicosane (C21)

R.T.: 12.577 min
Delta R.T.: -0.010 min
Response: 2597256
Conc: 20.10 ug/ml



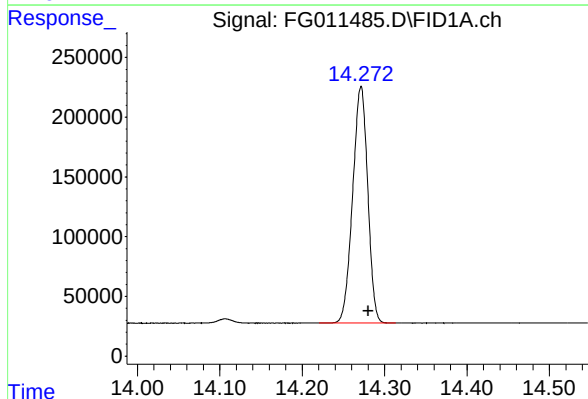
#12 1-chlorooctadecane (SURR)

R.T.: 12.409 min
Delta R.T.: -0.010 min
Response: 2246605
Conc: 20.13 ug/ml



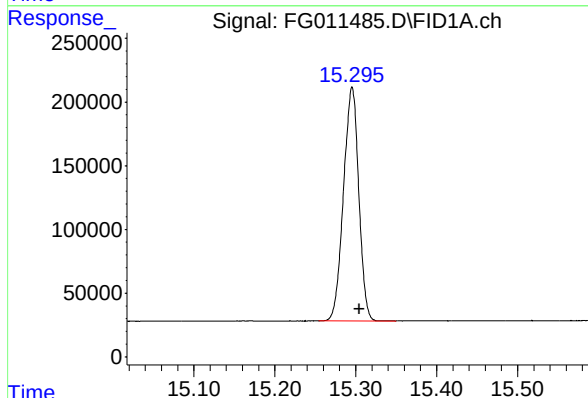
#13 n-Docosane (C22)

R.T.: 13.164 min
Delta R.T.: -0.010 min
Response: 2571827
Conc: 19.81 ug/ml



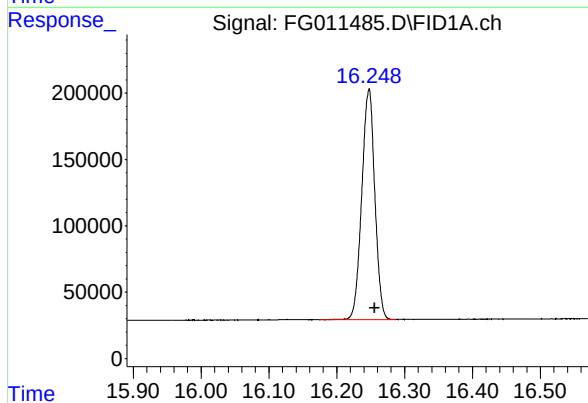
#14 n-Tetracosane (C24)

R.T.: 14.271 min
Delta R.T.: -0.009 min
Response: 2517601
Conc: 19.23 ug/ml



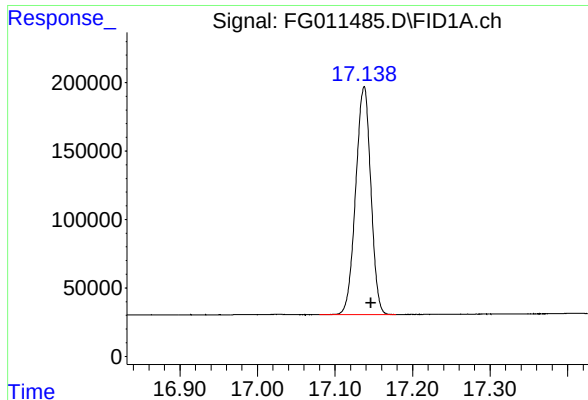
#15 n-Hexacosane (C26)

R.T.: 15.296 min
Delta R.T.: -0.009 min
Response: 2406260
Conc: 18.74 ug/ml



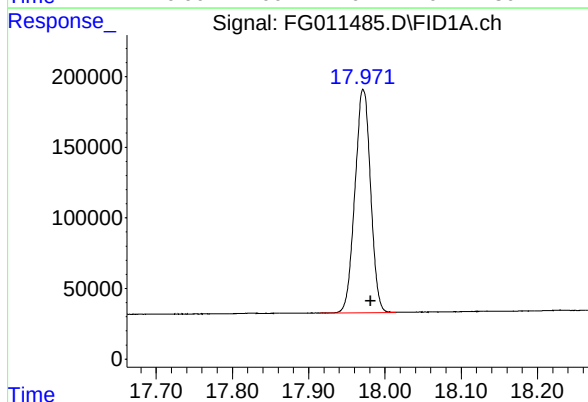
#16 n-Octacosane (C28)

R.T.: 16.248 min
Delta R.T.: -0.008 min
Response: 2319047
Conc: 18.37 ug/ml



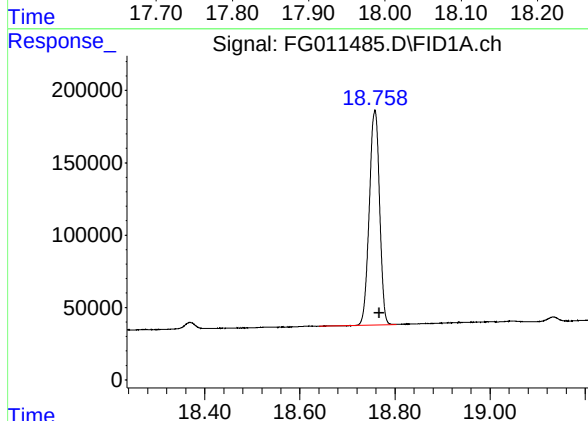
#17 n-Tricontane (C30)

R.T.: 17.138 min
Delta R.T.: -0.009 min
Response: 2261834
Conc: 18.17 ug/ml



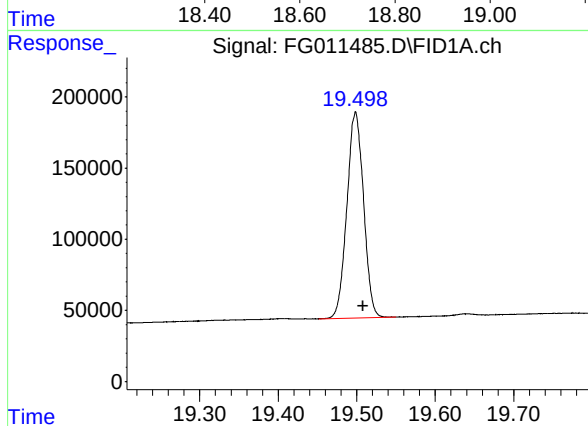
#18 n-Dotriacontane (C32)

R.T.: 17.972 min
Delta R.T.: -0.010 min
Response: 2252512
Conc: 18.48 ug/ml



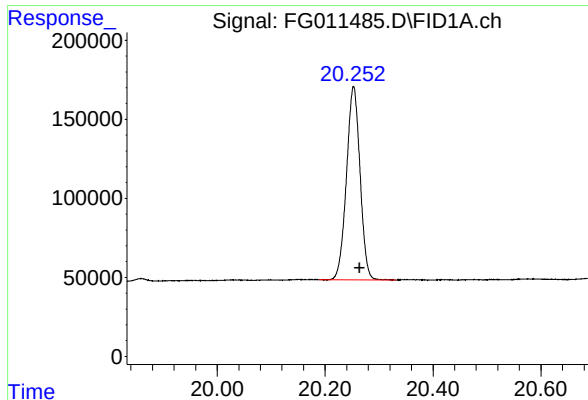
#19 n-Tetratriacontane (C34)

R.T.: 18.758 min
Delta R.T.: -0.009 min
Response: 2223626
Conc: 18.52 ug/ml



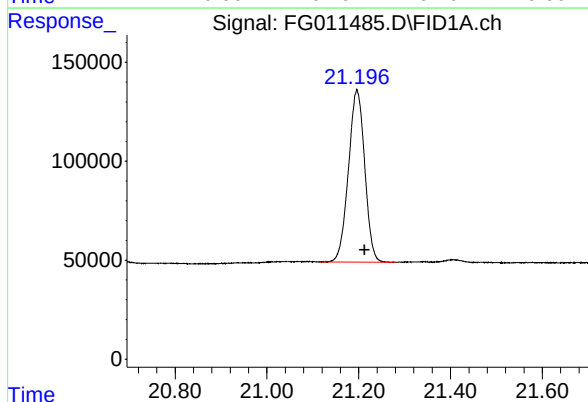
#20 n-Hexatriacontane (C36)

R.T.: 19.499 min
Delta R.T.: -0.009 min
Response: 2132788
Conc: 19.91 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.253 min
Delta R.T.: -0.011 min
Response: 2135328
Conc: 20.27 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.196 min
Delta R.T.: -0.016 min
Response: 2136722
Conc: 19.98 ug/ml