

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022123AL\
 Data File : FD045114.D
 Signal(s) : FID2B.ch
 Acq On : 22 Feb 2023 07:44
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 22 09:48:44 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 022123.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 22 05:29:49 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)	11.450	3109575	20.185 ug/ml
Spiked Amount 50.000		Recovery =	40.37%
12) S 1-chlorooctadecane (S...	12.883	2333864	20.180 ug/ml
Spiked Amount 50.000		Recovery =	40.36%
Target Compounds			
1) T n-Nonane (C9)	3.266	2751679	20.238 ug/ml
2) T n-Decane (C10)	4.325	2704538	20.248 ug/ml
3) T A~Naphthalene (C11.7)	5.892	3164482	20.191 ug/ml
4) T n-Dodecane (C12)	6.330	2736784	20.241 ug/ml
5) T A~2-methylnaphthalene...	6.942	2980185	20.176 ug/ml
6) T n-Tetradecane (C14)	8.116	2763001	20.346 ug/ml
7) T n-Hexadecane (C16)	9.708	2820199	20.263 ug/ml
8) T n-Octadecane (C18)	11.142	2850844	20.320 ug/ml
10) T n-Eicosane (C20)	12.444	2742996	20.248 ug/ml
11) T n-Heneicosane (C21)	13.052	2746864	20.144 ug/ml
13) T n-Docosane (C22)	13.634	2705727	20.207 ug/ml
14) T n-Tetracosane (C24)	14.730	2643149	20.183 ug/ml
15) T n-Hexacosane (C26)	15.744	2546378	20.220 ug/ml
16) T n-Octacosane (C28)	16.687	2465619	20.118 ug/ml
17) T n-Tricontane (C30)	17.569	2399246	20.264 ug/ml
18) T n-Dotriacontane (C32)	18.396	2437079	20.818 ug/ml
19) T n-Tetratriacontane (C34)	19.173	2334791	20.310 ug/ml
20) T n-Hexatriacontane (C36)	19.908	2212889	20.147 ug/ml
21) T n-Octatriacontane (C38)	20.612	2188274	20.303 ug/ml
22) T n-Tetracontane (C40)	21.448	2128315	19.852 ug/ml

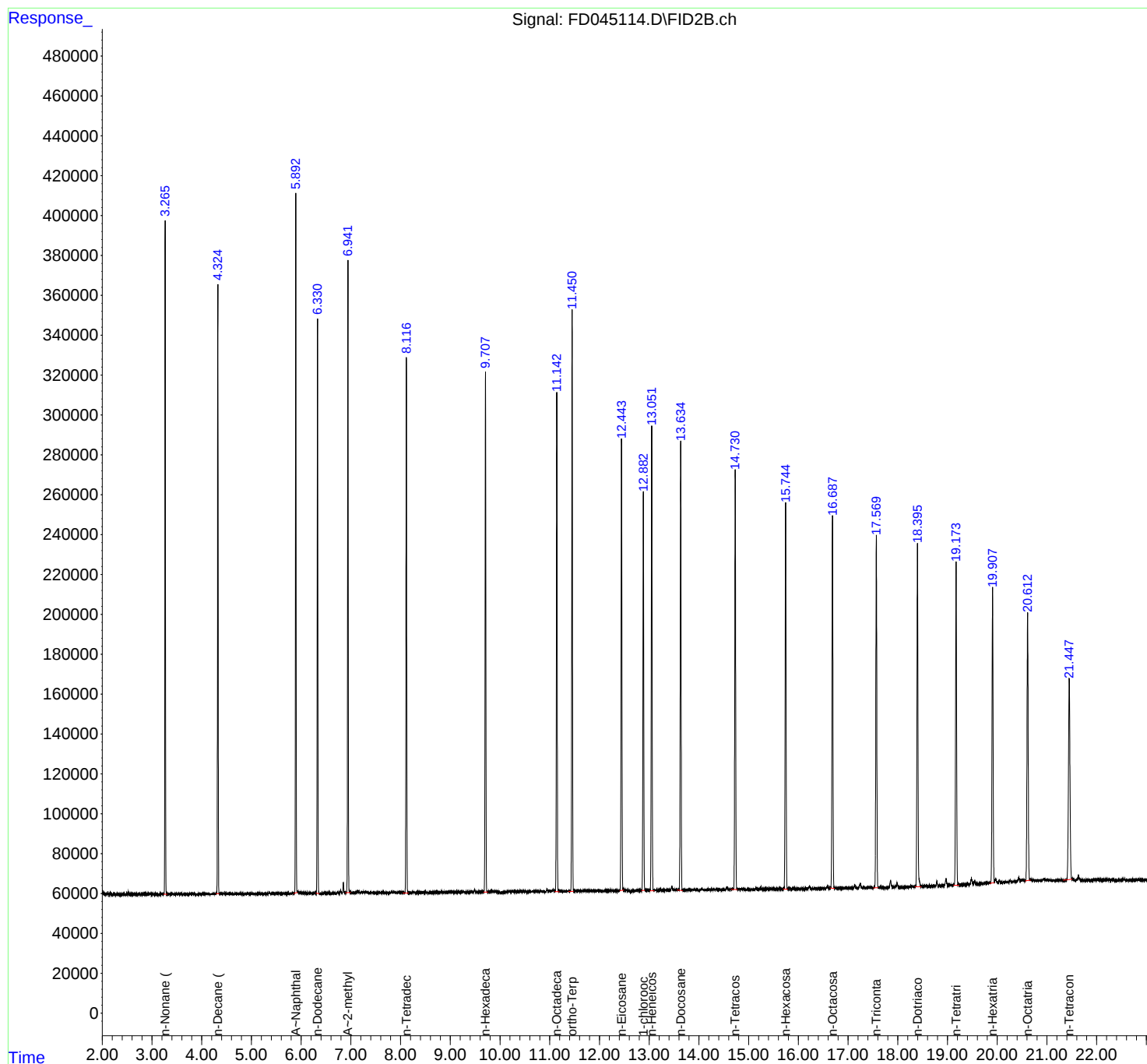
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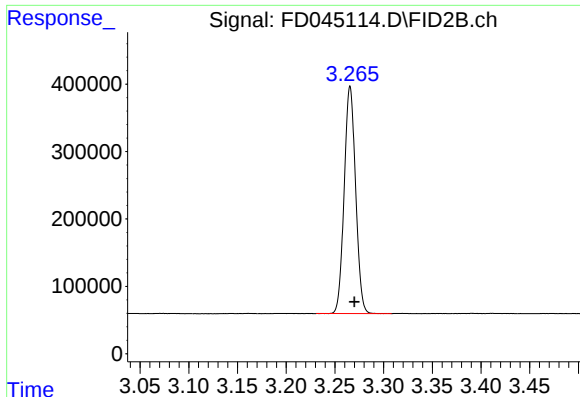
(m)=manual int.

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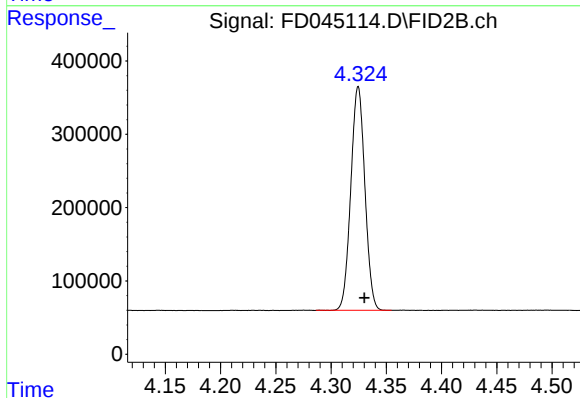
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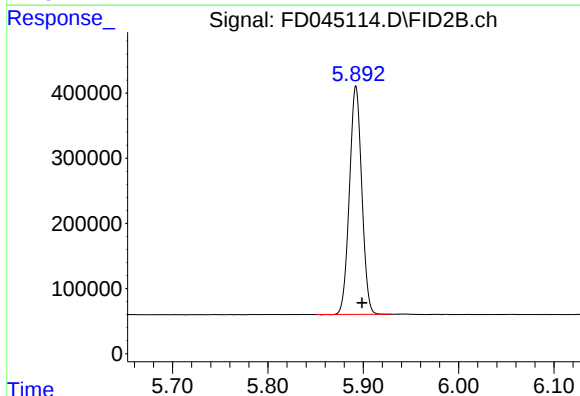
#1 n-Nonane (C9)

R.T.: 3.266 min
Delta R.T.: -0.004 min
Response: 2751679
Conc: 20.24 ug/ml



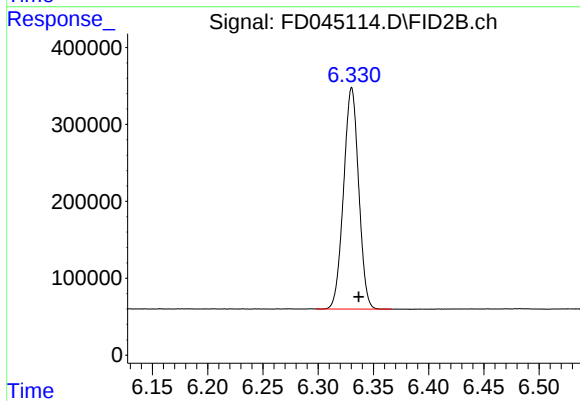
#2 n-Decane (C10)

R.T.: 4.325 min
Delta R.T.: -0.006 min
Response: 2704538
Conc: 20.25 ug/ml



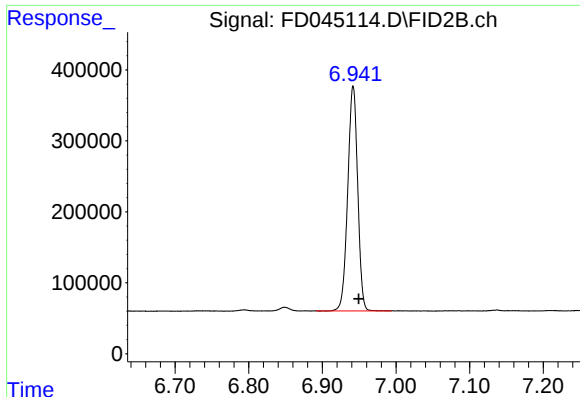
#3 A~Naphthalene (C11.7)

R.T.: 5.892 min
Delta R.T.: -0.006 min
Response: 3164482
Conc: 20.19 ug/ml



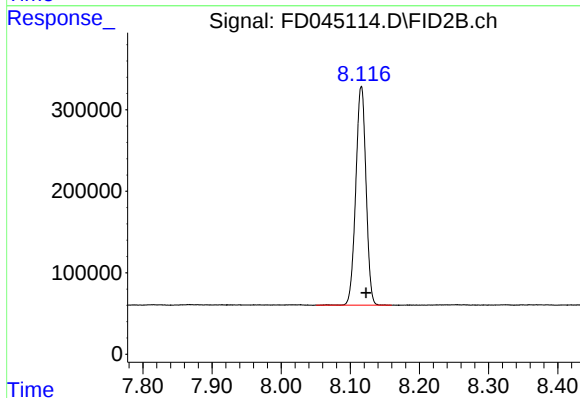
#4 n-Dodecane (C12)

R.T.: 6.330 min
Delta R.T.: -0.006 min
Response: 2736784
Conc: 20.24 ug/ml



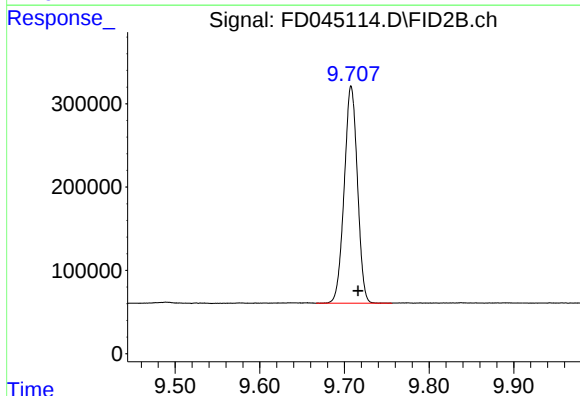
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.942 min
Delta R.T.: -0.008 min
Response: 2980185
Conc: 20.18 ug/ml



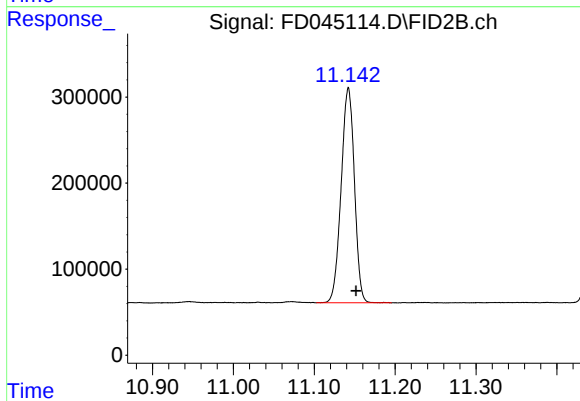
#6 n-Tetradecane (C14)

R.T.: 8.116 min
Delta R.T.: -0.007 min
Response: 2763001
Conc: 20.35 ug/ml



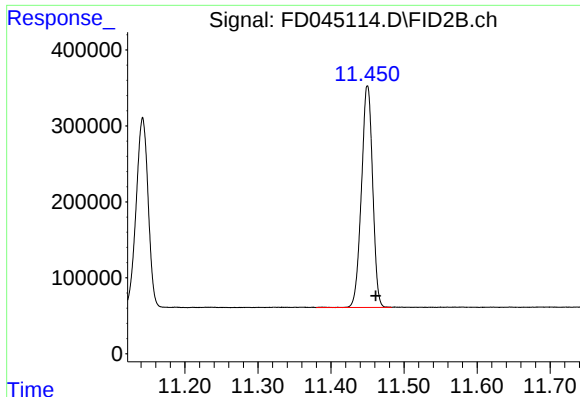
#7 n-Hexadecane (C16)

R.T.: 9.708 min
Delta R.T.: -0.008 min
Response: 2820199
Conc: 20.26 ug/ml



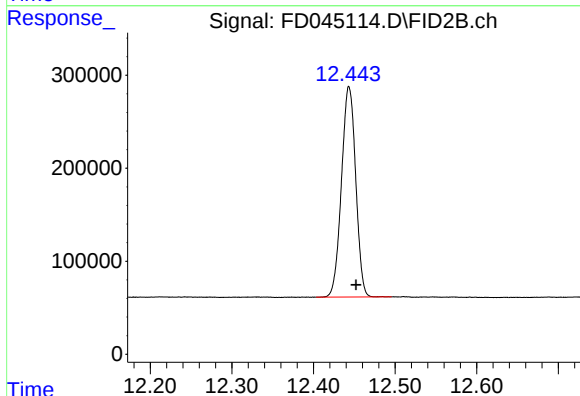
#8 n-Octadecane (C18)

R.T.: 11.142 min
Delta R.T.: -0.010 min
Response: 2850844
Conc: 20.32 ug/ml



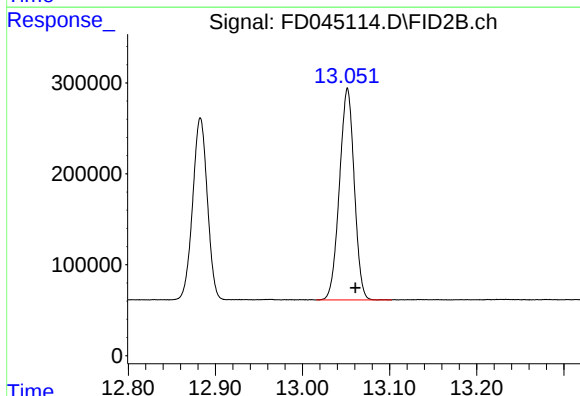
#9 ortho-Terphenyl (SURR)

R.T.: 11.450 min
Delta R.T.: -0.011 min
Response: 3109575
Conc: 20.18 ug/ml



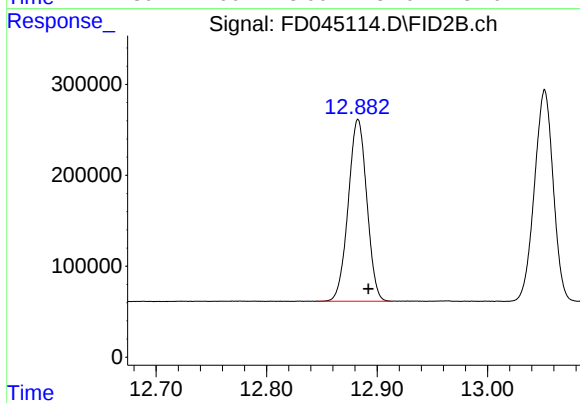
#10 n-Eicosane (C20)

R.T.: 12.444 min
Delta R.T.: -0.009 min
Response: 2742996
Conc: 20.25 ug/ml



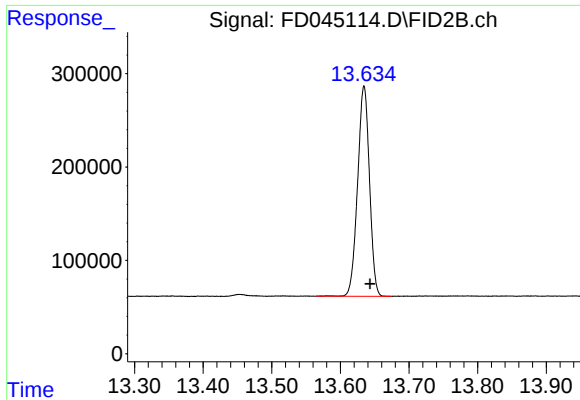
#11 n-Heneicosane (C21)

R.T.: 13.052 min
Delta R.T.: -0.009 min
Response: 2746864
Conc: 20.14 ug/ml



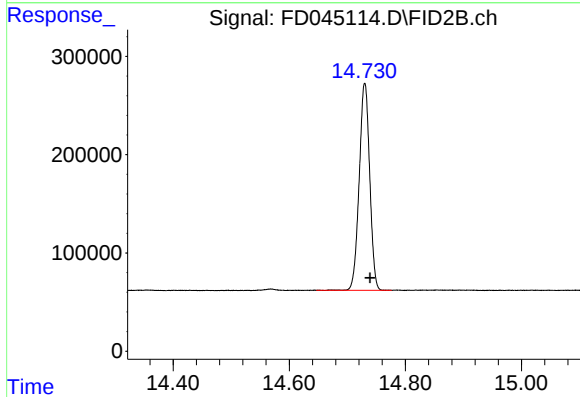
#12 1-chlorooctadecane (SURR)

R.T.: 12.883 min
Delta R.T.: -0.009 min
Response: 2333864
Conc: 20.18 ug/ml



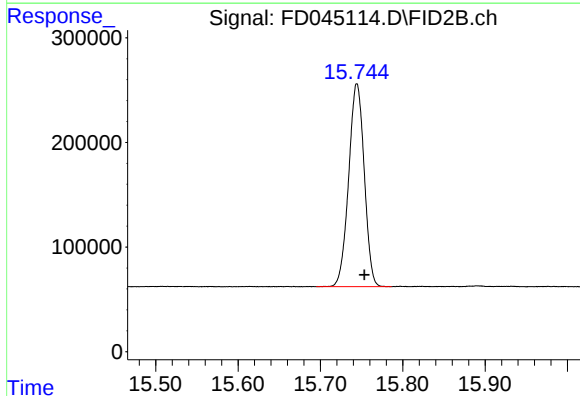
#13 n-Docosane (C22)

R.T.: 13.634 min
Delta R.T.: -0.009 min
Response: 2705727
Conc: 20.21 ug/ml



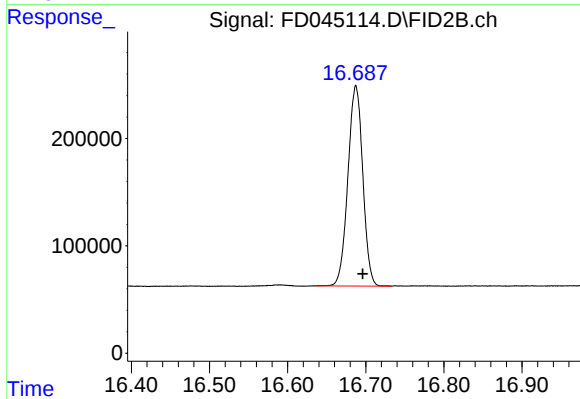
#14 n-Tetracosane (C24)

R.T.: 14.730 min
Delta R.T.: -0.009 min
Response: 2643149
Conc: 20.18 ug/ml



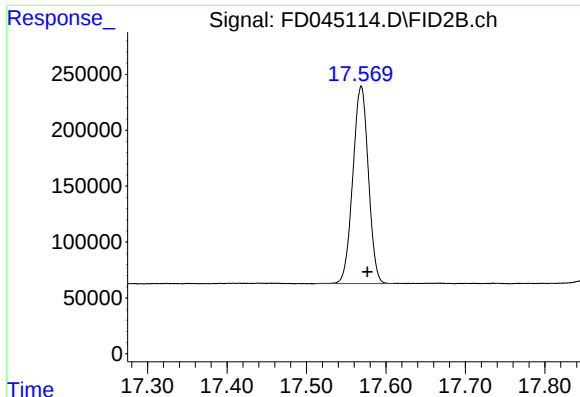
#15 n-Hexacosane (C26)

R.T.: 15.744 min
Delta R.T.: -0.009 min
Response: 2546378
Conc: 20.22 ug/ml



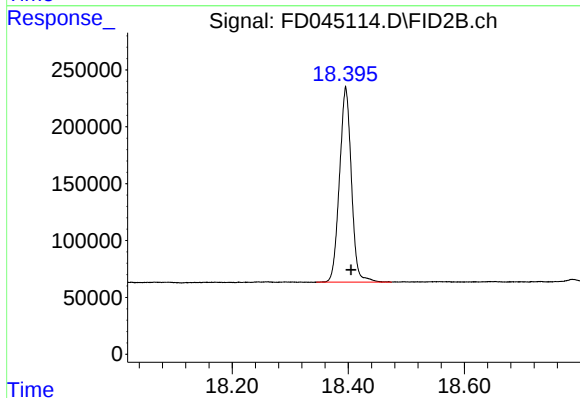
#16 n-Octacosane (C28)

R.T.: 16.687 min
Delta R.T.: -0.009 min
Response: 2465619
Conc: 20.12 ug/ml



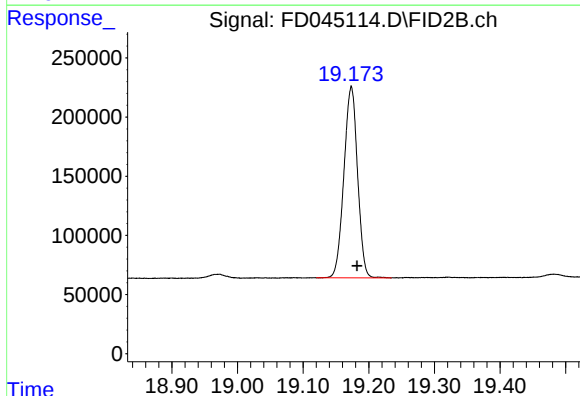
#17 n-Tricontane (C30)

R.T.: 17.569 min
Delta R.T.: -0.008 min
Response: 2399246
Conc: 20.26 ug/ml



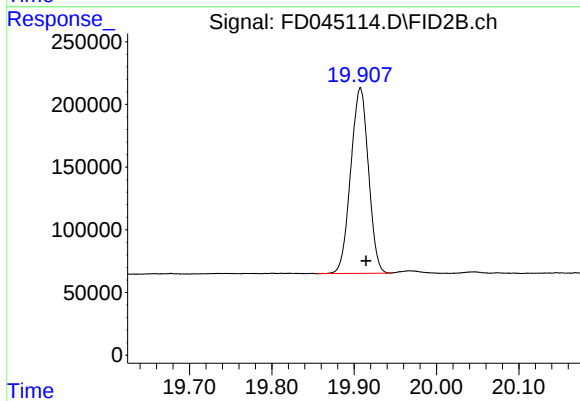
#18 n-Dotriacontane (C32)

R.T.: 18.396 min
Delta R.T.: -0.009 min
Response: 2437079
Conc: 20.82 ug/ml



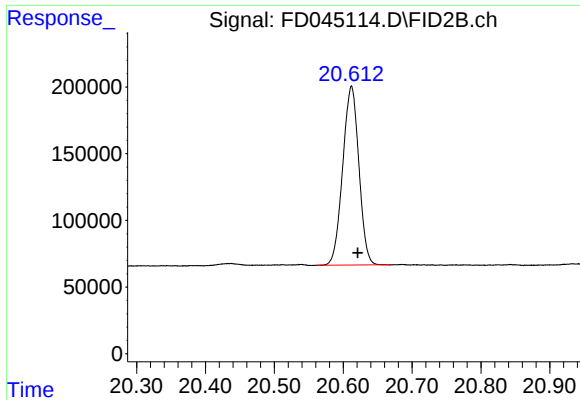
#19 n-Tetratriacontane (C34)

R.T.: 19.173 min
Delta R.T.: -0.009 min
Response: 2334791
Conc: 20.31 ug/ml



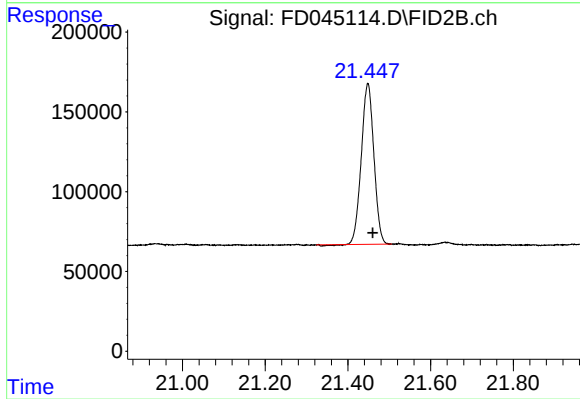
#20 n-Hexatriacontane (C36)

R.T.: 19.908 min
Delta R.T.: -0.007 min
Response: 2212889
Conc: 20.15 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.612 min
Delta R.T.: -0.009 min
Response: 2188274
Conc: 20.30 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.448 min
Delta R.T.: -0.011 min
Response: 2128315
Conc: 19.85 ug/ml