

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD072722AL\
 Data File : FD043374.D
 Signal(s) : FID2B.ch
 Acq On : 27 Jul 2022 15:27
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 28 03:42:58 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 072522.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 26 05:37:25 2022
 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)	11.533	3131007	19.780 ug/ml
Spiked Amount 50.000		Recovery =	39.56%
12) S 1-chlorooctadecane (S...	12.968	2418754	19.735 ug/ml
Spiked Amount 50.000		Recovery =	39.47%
Target Compounds			
1) T n-Nonane (C9)	3.309	2922085	20.847 ug/ml
2) T n-Decane (C10)	4.375	2943139	20.932 ug/ml
3) T A~Naphthalene (C11.7)	5.955	3173060	20.883 ug/ml
4) T n-Dodecane (C12)	6.391	2942635	20.675 ug/ml
5) T A~2-methylnaphthalene...	7.010	3117809	20.838 ug/ml
6) T n-Tetradecane (C14)	8.183	2926936	20.634 ug/ml
7) T n-Hexadecane (C16)	9.781	2930100	20.659 ug/ml
8) T n-Octadecane (C18)	11.219	2933952	20.519 ug/ml
10) T n-Eicosane (C20)	12.526	2898175	20.016 ug/ml
11) T n-Heneicosane (C21)	13.136	2874613	19.792 ug/ml
13) T n-Docosane (C22)	13.721	2848278	19.633 ug/ml
14) T n-Tetracosane (C24)	14.821	2778816	19.181 ug/ml
15) T n-Hexacosane (C26)	15.840	2672805	18.582 ug/ml
16) T n-Octacosane (C28)	16.787	2592987	18.330 ug/ml
17) T n-Tricontane (C30)	17.670	2592183	18.365 ug/ml
18) T n-Dotriacontane (C32)	18.501	2567389	18.566 ug/ml
19) T n-Tetratriacontane (C34)	19.281	2480874	19.279 ug/ml
20) T n-Hexatriacontane (C36)	20.019	2382493	19.316 ug/ml
21) T n-Octatriacontane (C38)	20.740	2605680	22.036 ug/ml
22) T n-Tetracontane (C40)	21.619	2856142	25.259 ug/ml

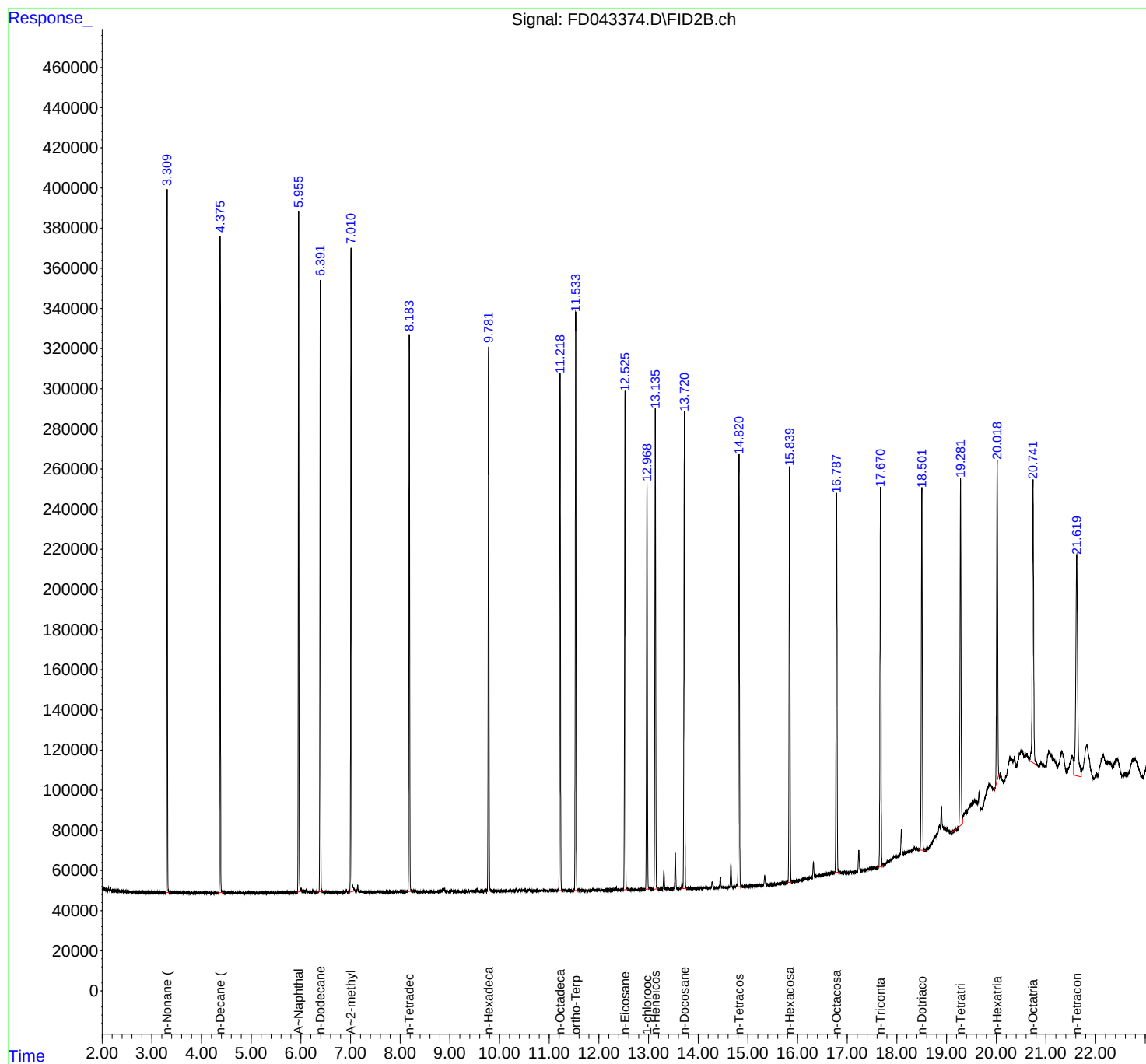
(f)=RT Delta > 1/2 Window

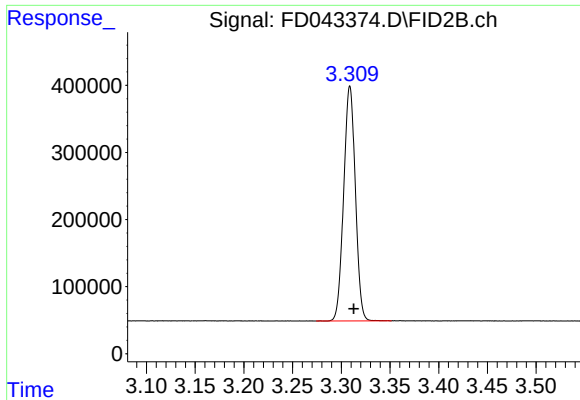
(m)=manual int.

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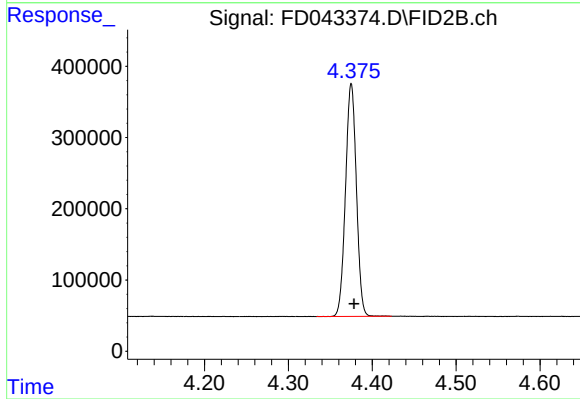
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Signal Info : 20M x 0.18mm x 0.18um





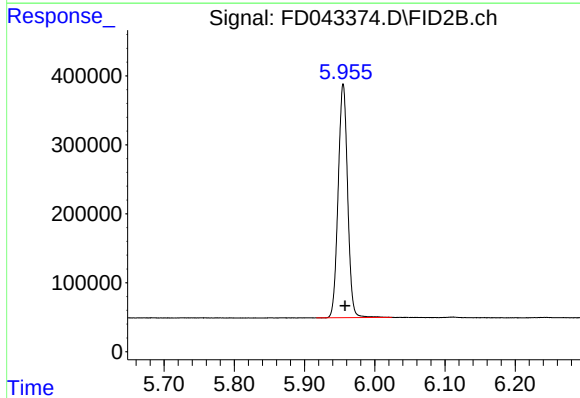
#1 n-Nonane (C9)

R.T.: 3.309 min
Delta R.T.: -0.004 min
Response: 2922085
Conc: 20.85 ug/ml



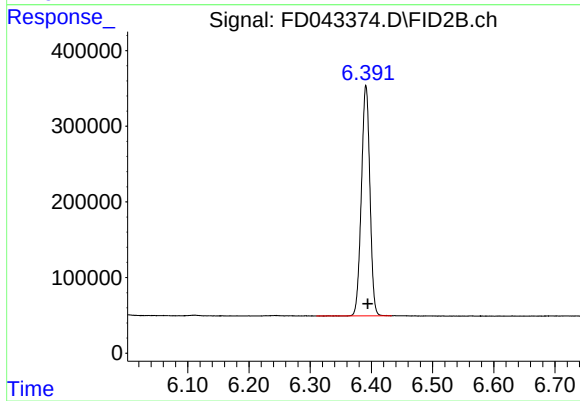
#2 n-Decane (C10)

R.T.: 4.375 min
Delta R.T.: -0.003 min
Response: 2943139
Conc: 20.93 ug/ml



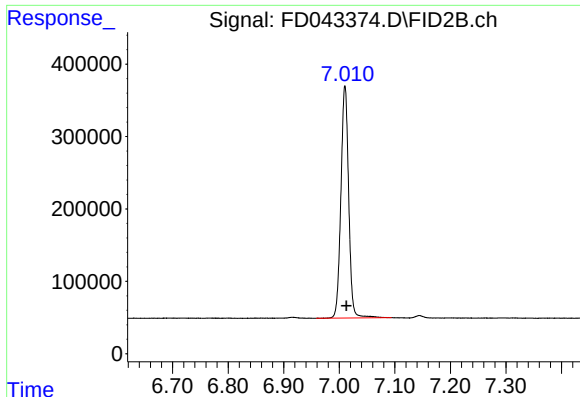
#3 A~Naphthalene (C11.7)

R.T.: 5.955 min
Delta R.T.: -0.002 min
Response: 3173060
Conc: 20.88 ug/ml



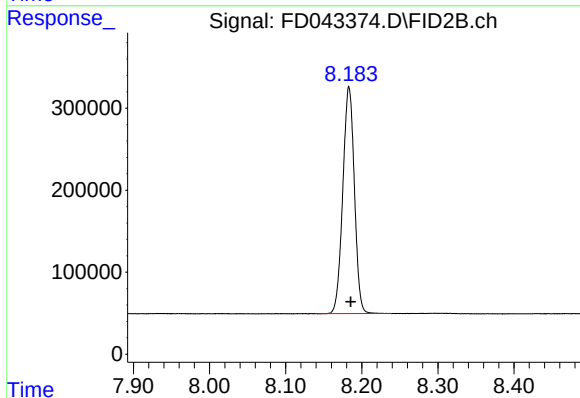
#4 n-Dodecane (C12)

R.T.: 6.391 min
Delta R.T.: -0.003 min
Response: 2942635
Conc: 20.68 ug/ml



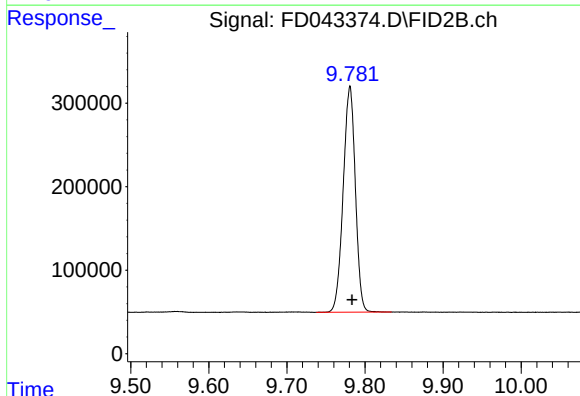
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.010 min
Delta R.T.: -0.003 min
Response: 3117809
Conc: 20.84 ug/ml



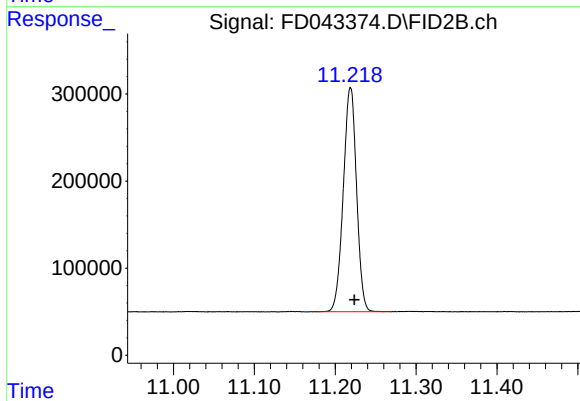
#6 n-Tetradecane (C14)

R.T.: 8.183 min
Delta R.T.: -0.002 min
Response: 2926936
Conc: 20.63 ug/ml



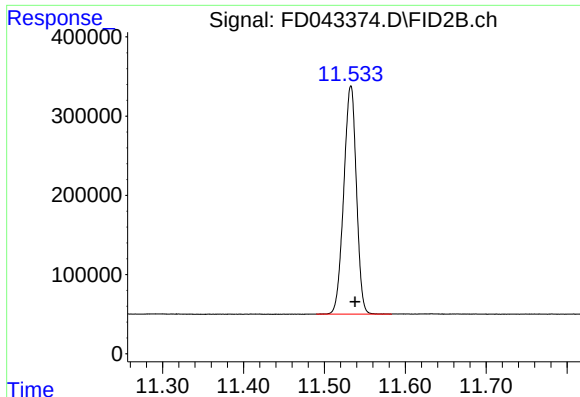
#7 n-Hexadecane (C16)

R.T.: 9.781 min
Delta R.T.: -0.003 min
Response: 2930100
Conc: 20.66 ug/ml



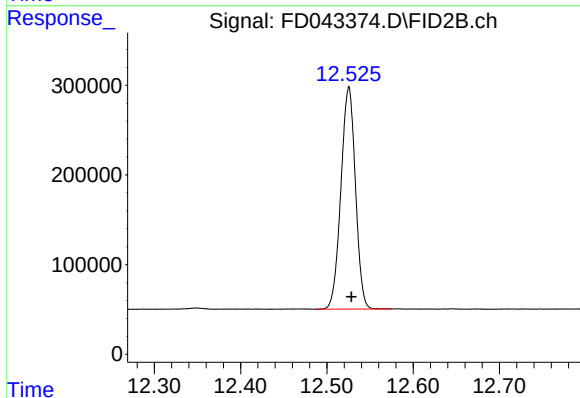
#8 n-Octadecane (C18)

R.T.: 11.219 min
Delta R.T.: -0.005 min
Response: 2933952
Conc: 20.52 ug/ml



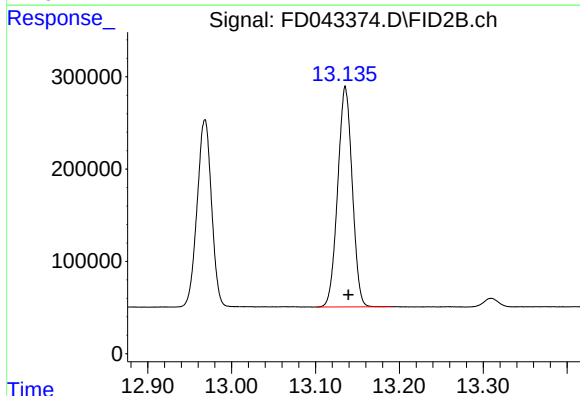
#9 ortho-Terphenyl (SURR)

R.T.: 11.533 min
Delta R.T.: -0.005 min
Response: 3131007
Conc: 19.78 ug/ml



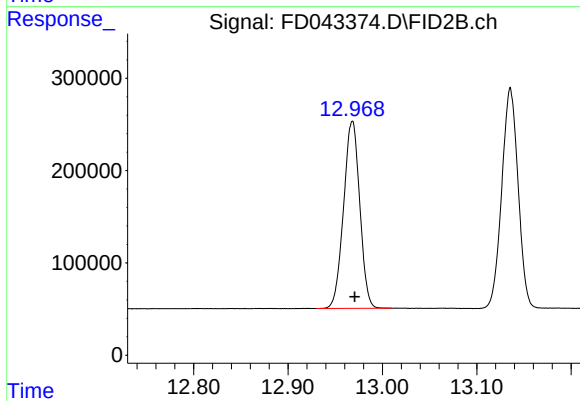
#10 n-Eicosane (C20)

R.T.: 12.526 min
Delta R.T.: -0.003 min
Response: 2898175
Conc: 20.02 ug/ml



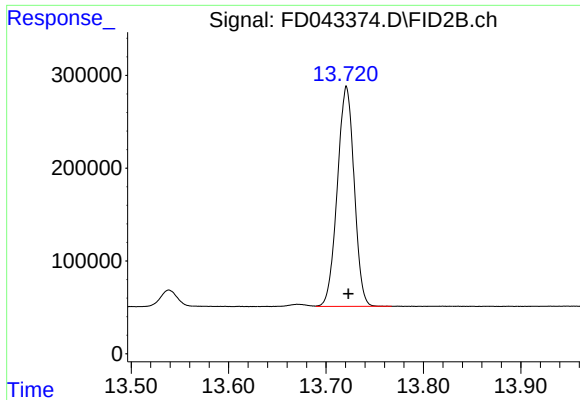
#11 n-Heneicosane (C21)

R.T.: 13.136 min
Delta R.T.: -0.004 min
Response: 2874613
Conc: 19.79 ug/ml



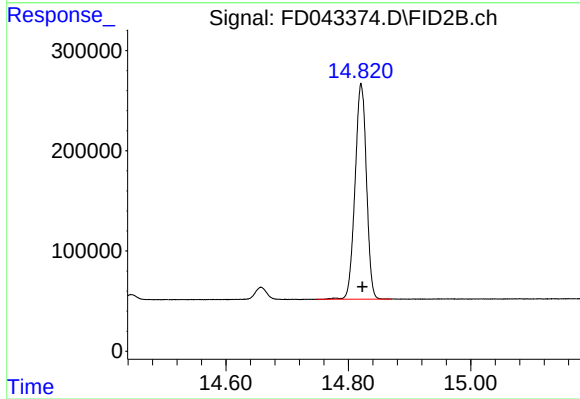
#12 1-chlorooctadecane (SURR)

R.T.: 12.968 min
Delta R.T.: -0.003 min
Response: 2418754
Conc: 19.74 ug/ml



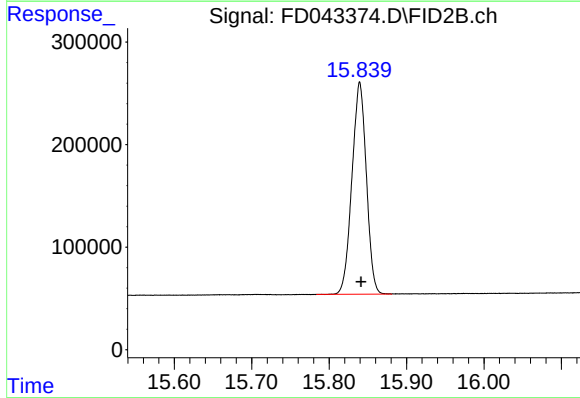
#13 n-Docosane (C22)

R.T.: 13.721 min
Delta R.T.: -0.002 min
Response: 2848278
Conc: 19.63 ug/ml



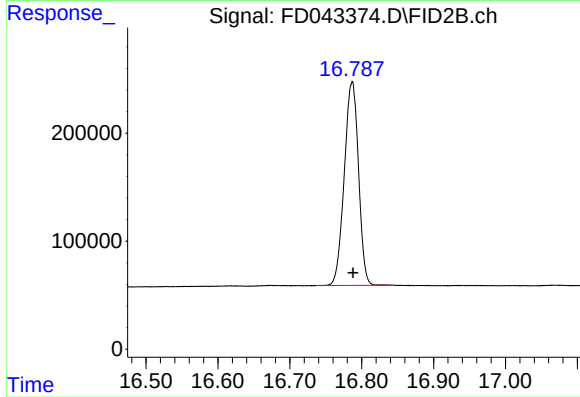
#14 n-Tetracosane (C24)

R.T.: 14.821 min
Delta R.T.: -0.002 min
Response: 2778816
Conc: 19.18 ug/ml



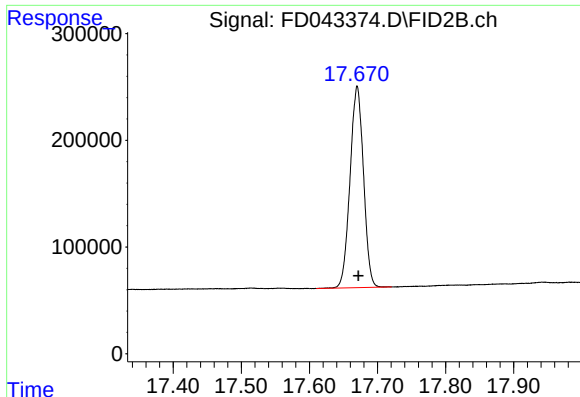
#15 n-Hexacosane (C26)

R.T.: 15.840 min
Delta R.T.: -0.002 min
Response: 2672805
Conc: 18.58 ug/ml



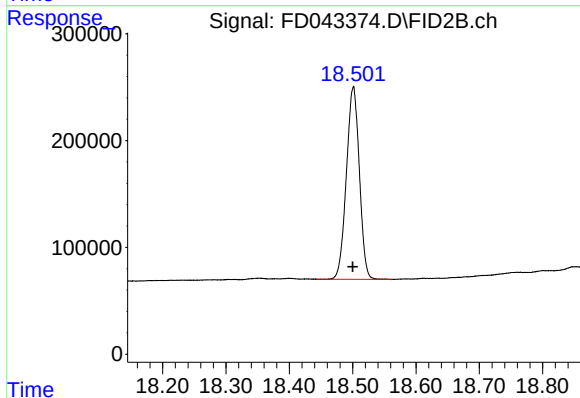
#16 n-Octacosane (C28)

R.T.: 16.787 min
Delta R.T.: -0.001 min
Response: 2592987
Conc: 18.33 ug/ml



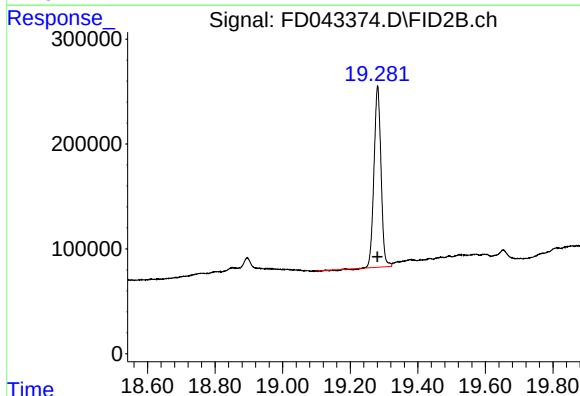
#17 n-Tricontane (C30)

R.T.: 17.670 min
Delta R.T.: -0.002 min
Response: 2592183
Conc: 18.37 ug/ml



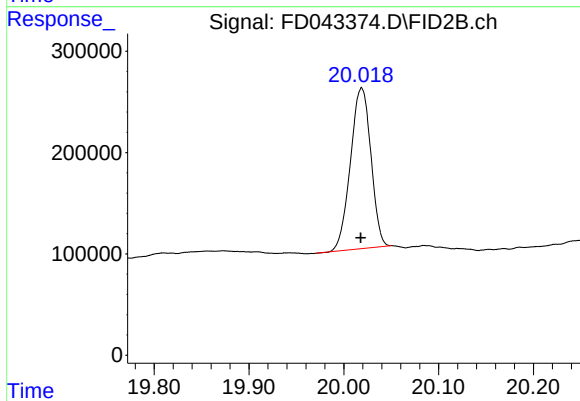
#18 n-Dotriacontane (C32)

R.T.: 18.501 min
Delta R.T.: 0.001 min
Response: 2567389
Conc: 18.57 ug/ml



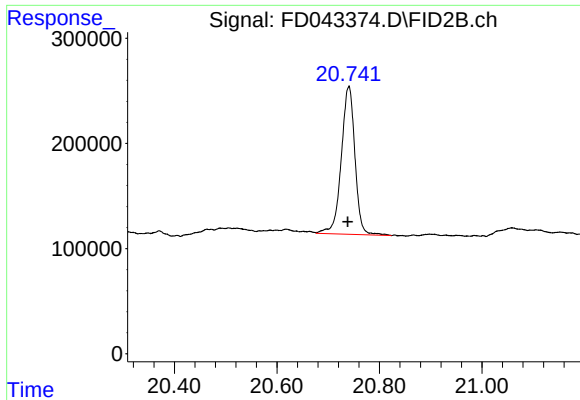
#19 n-Tetratriacontane (C34)

R.T.: 19.281 min
Delta R.T.: 0.000 min
Response: 2480874
Conc: 19.28 ug/ml



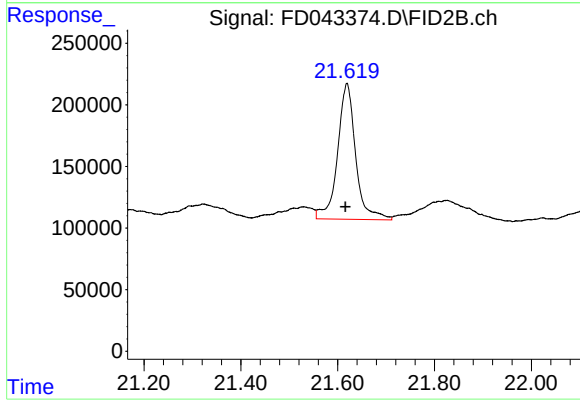
#20 n-Hexatriacontane (C36)

R.T.: 20.019 min
Delta R.T.: 0.000 min
Response: 2382493
Conc: 19.32 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.740 min
Delta R.T.: 0.002 min
Response: 2605680
Conc: 22.04 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.619 min
Delta R.T.: 0.003 min
Response: 2856142
Conc: 25.26 ug/ml