

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF082523AL\
 Data File : FF013361.D
 Signal(s) : FID2B.ch
 Acq On : 25 Aug 2023 07:22
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 25 21:51:24 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 081023.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 10 16:05:52 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)	11.890	2766656	20.137 ug/ml
Spiked Amount 50.000		Recovery =	40.27%
12) S 1-chlorooctadecane (S...	13.329	2127708	20.304 ug/ml
Spiked Amount 50.000		Recovery =	40.61%
Target Compounds			
1) T n-Nonane (C9)	3.280	2123638	19.875 ug/ml
2) T n-Decane (C10)	4.533	2130710	19.883 ug/ml
3) T A~Naphthalene (C11.7)	6.232	2363623	19.965 ug/ml
4) T n-Dodecane (C12)	6.698	2169189	20.047 ug/ml
5) T A~2-methylnaphthalene...	7.327	2372882	20.019 ug/ml
6) T n-Tetradecane (C14)	8.523	2176205	20.160 ug/ml
7) T n-Hexadecane (C16)	10.132	2206316	20.354 ug/ml
8) T n-Octadecane (C18)	11.574	2234621	20.408 ug/ml
10) T n-Eicosane (C20)	12.885	2241957	20.431 ug/ml
11) T n-Heneicosane (C21)	13.497	2231172	20.308 ug/ml
13) T n-Docosane (C22)	14.082	2252869	20.520 ug/ml
14) T n-Tetracosane (C24)	15.185	2290077	20.844 ug/ml
15) T n-Hexacosane (C26)	16.207	2259527	20.674 ug/ml
16) T n-Octacosane (C28)	17.156	2251179	20.850 ug/ml
17) T n-Tricontane (C30)	18.043	2304669	21.074 ug/ml
18) T n-Dotriacontane (C32)	18.874	2285057	20.229 ug/ml
19) T n-Tetratriacontane (C34)	19.658	2089432	19.670 ug/ml
20) T n-Hexatriacontane (C36)	20.397	2043483	19.387 ug/ml
21) T n-Octatriacontane (C38)	21.126	1994963	19.752 ug/ml
22) T n-Tetracontane (C40)	22.023	2079444	20.922 ug/ml

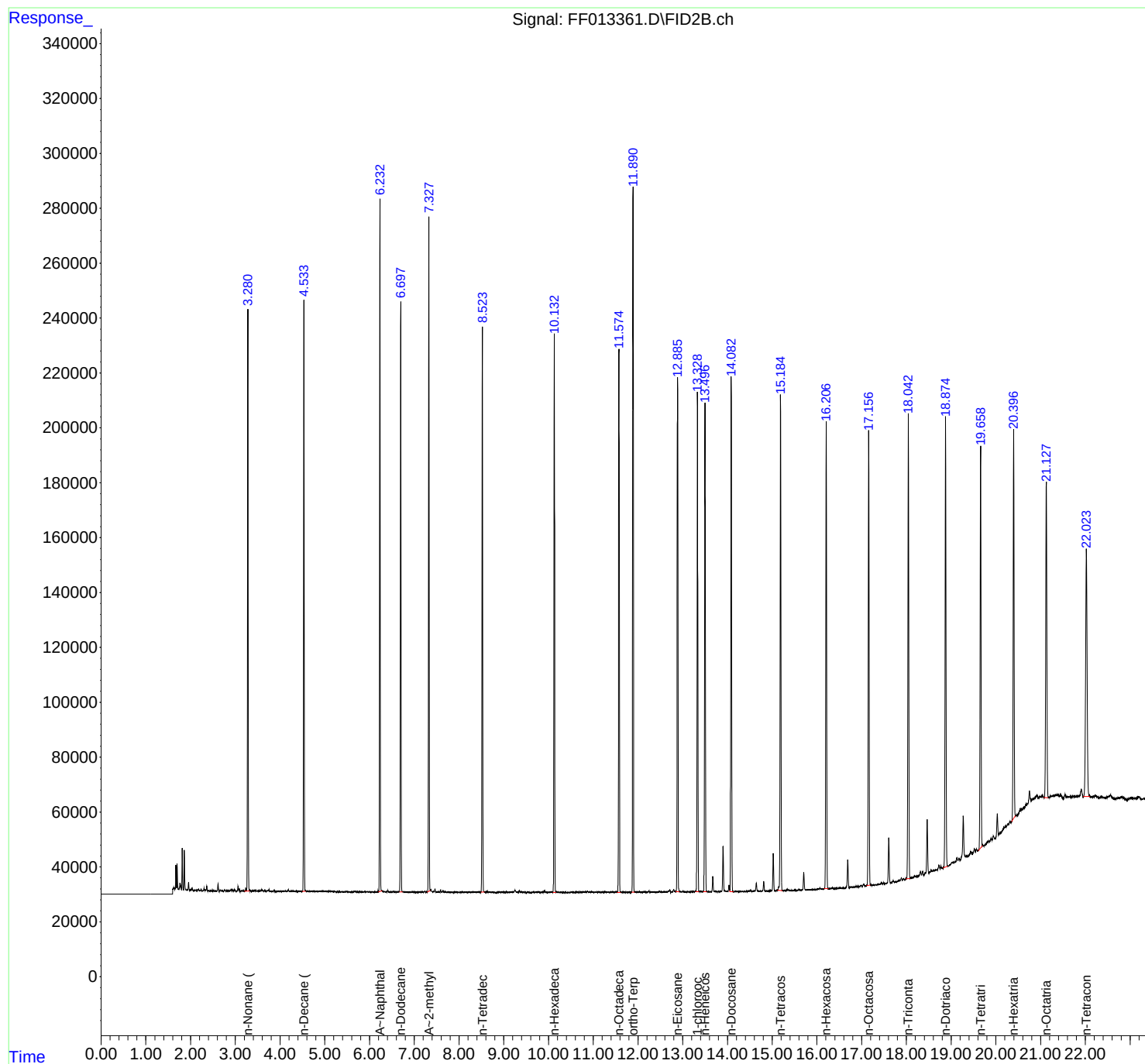
(f)=RT Delta > 1/2 Window

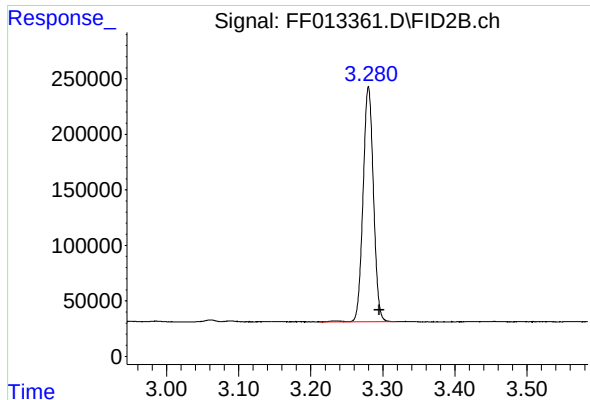
(m)=manual int.

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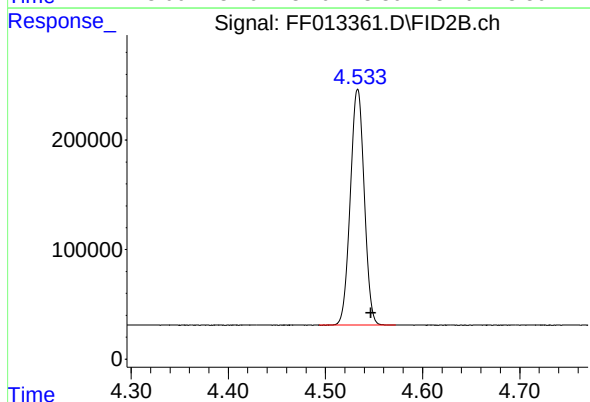
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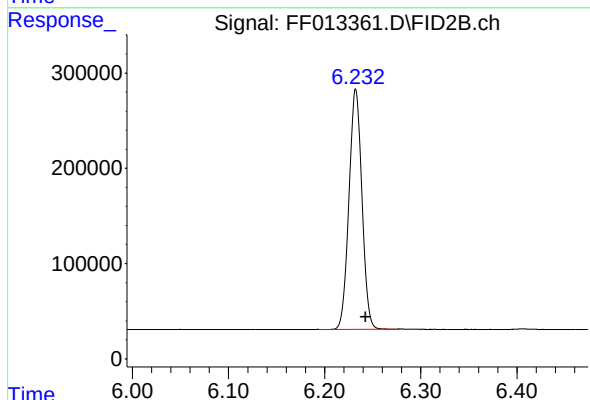
#1 n-Nonane (C9)

R.T.: 3.280 min
Delta R.T.: -0.015 min
Response: 2123638
Conc: 19.87 ug/ml



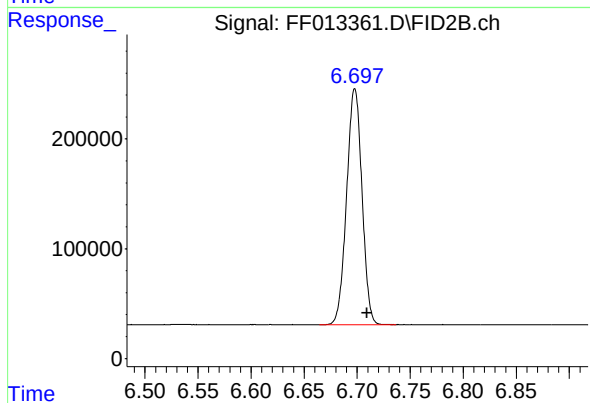
#2 n-Decane (C10)

R.T.: 4.533 min
Delta R.T.: -0.013 min
Response: 2130710
Conc: 19.88 ug/ml



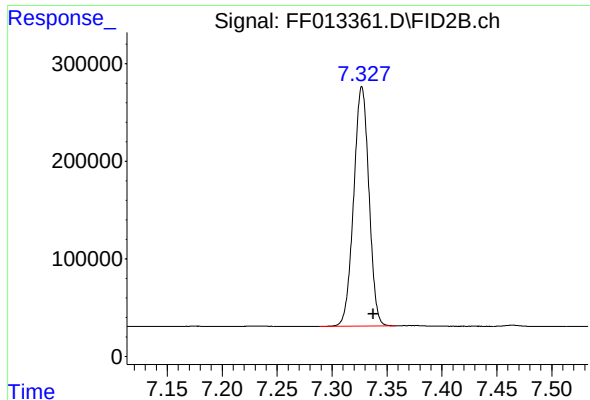
#3 A~Naphthalene (C11.7)

R.T.: 6.232 min
Delta R.T.: -0.010 min
Response: 2363623
Conc: 19.97 ug/ml



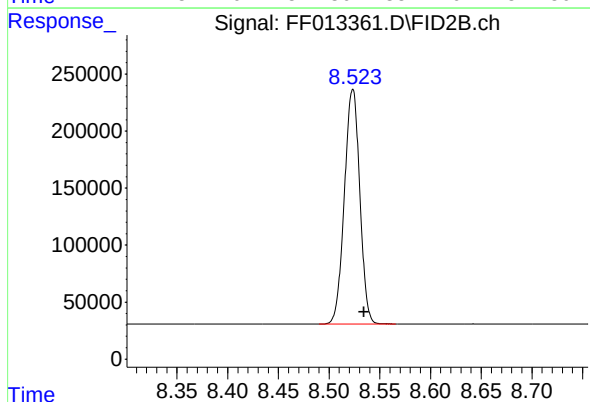
#4 n-Dodecane (C12)

R.T.: 6.698 min
Delta R.T.: -0.011 min
Response: 2169189
Conc: 20.05 ug/ml



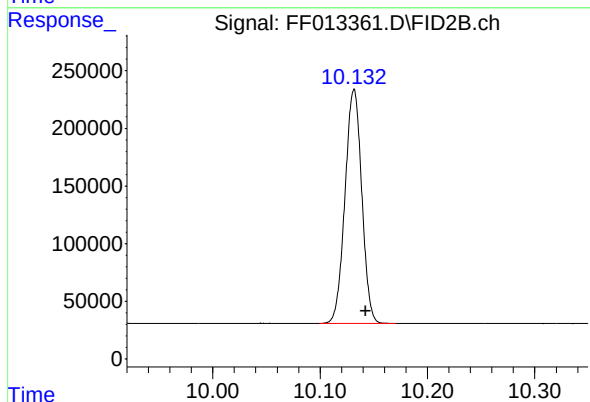
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.327 min
Delta R.T.: -0.011 min
Response: 2372882
Conc: 20.02 ug/ml



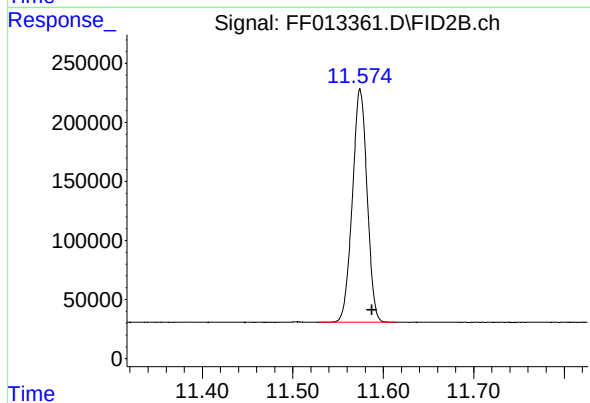
#6 n-Tetradecane (C14)

R.T.: 8.523 min
Delta R.T.: -0.011 min
Response: 2176205
Conc: 20.16 ug/ml



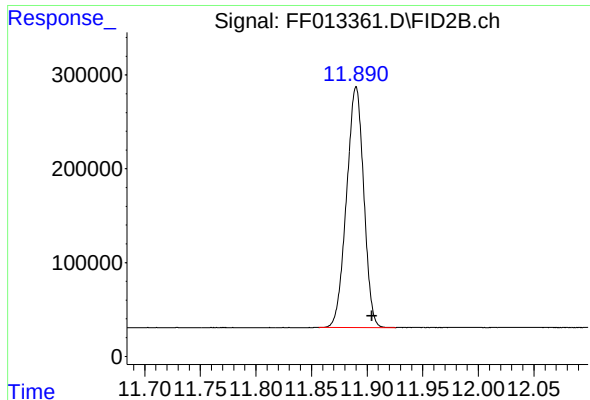
#7 n-Hexadecane (C16)

R.T.: 10.132 min
Delta R.T.: -0.011 min
Response: 2206316
Conc: 20.35 ug/ml



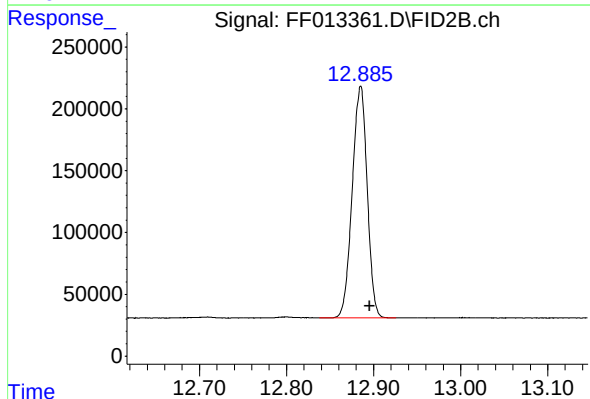
#8 n-Octadecane (C18)

R.T.: 11.574 min
Delta R.T.: -0.013 min
Response: 2234621
Conc: 20.41 ug/ml



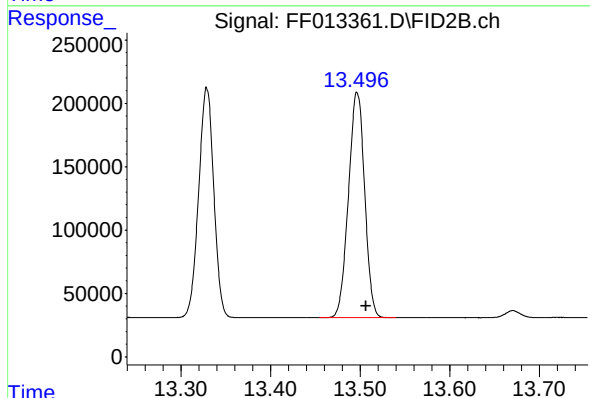
#9 ortho-Terphenyl (SURR)

R.T.: 11.890 min
Delta R.T.: -0.014 min
Response: 2766656
Conc: 20.14 ug/ml



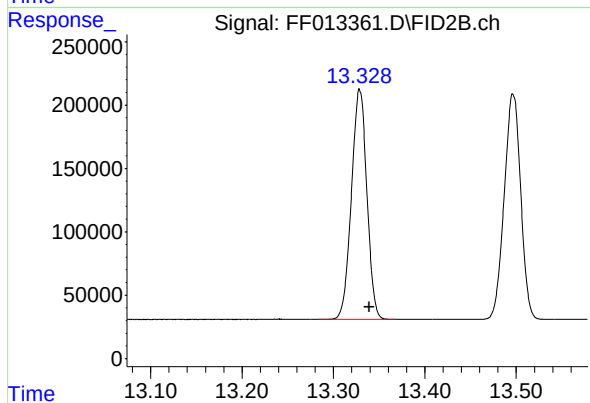
#10 n-Eicosane (C20)

R.T.: 12.885 min
Delta R.T.: -0.010 min
Response: 2241957
Conc: 20.43 ug/ml



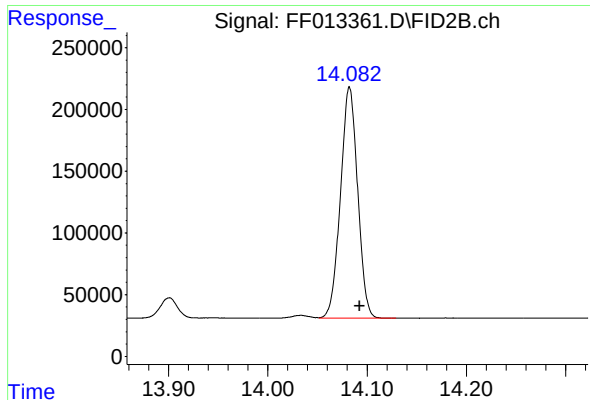
#11 n-Heneicosane (C21)

R.T.: 13.497 min
Delta R.T.: -0.010 min
Response: 2231172
Conc: 20.31 ug/ml



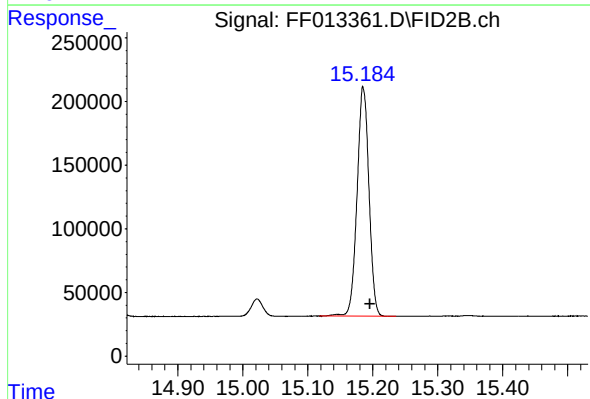
#12 1-chlorooctadecane (SURR)

R.T.: 13.329 min
Delta R.T.: -0.011 min
Response: 2127708
Conc: 20.30 ug/ml



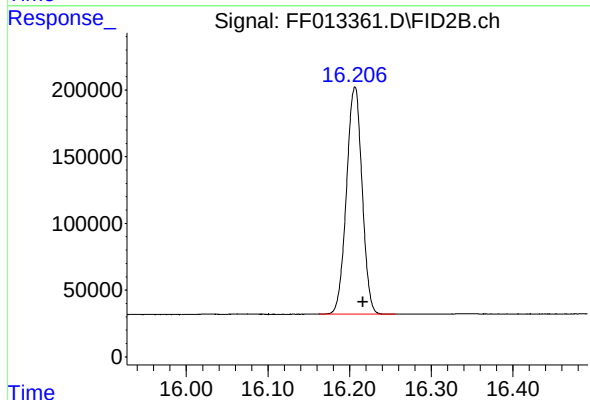
#13 n-Docosane (C22)

R.T.: 14.082 min
Delta R.T.: -0.010 min
Response: 2252869
Conc: 20.52 ug/ml



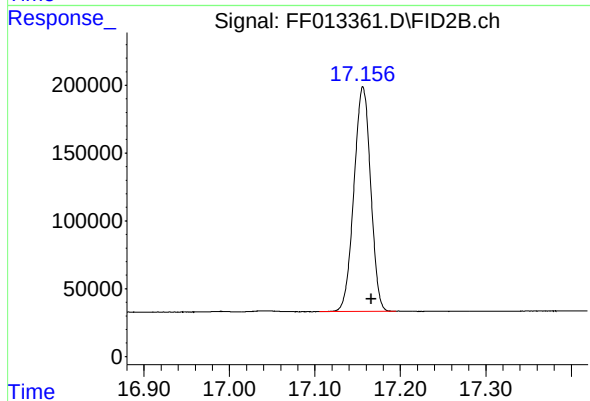
#14 n-Tetracosane (C24)

R.T.: 15.185 min
Delta R.T.: -0.010 min
Response: 2290077
Conc: 20.84 ug/ml



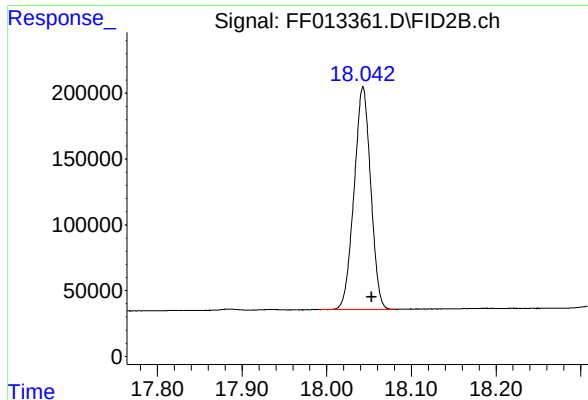
#15 n-Hexacosane (C26)

R.T.: 16.207 min
Delta R.T.: -0.010 min
Response: 2259527
Conc: 20.67 ug/ml



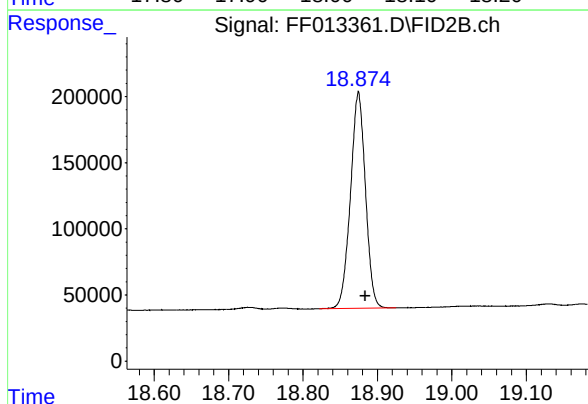
#16 n-Octacosane (C28)

R.T.: 17.156 min
Delta R.T.: -0.010 min
Response: 2251179
Conc: 20.85 ug/ml



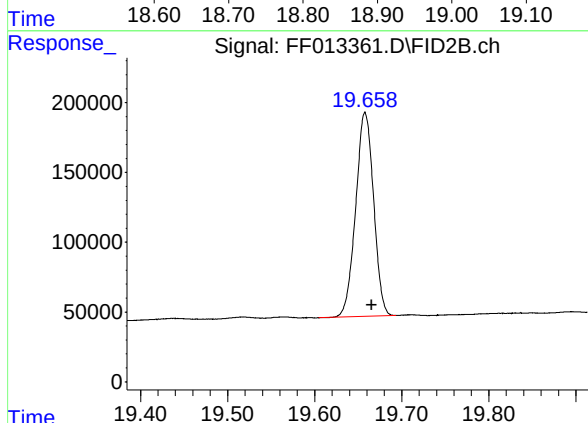
#17 n-Tricontane (C30)

R.T.: 18.043 min
Delta R.T.: -0.010 min
Response: 2304669
Conc: 21.07 ug/ml



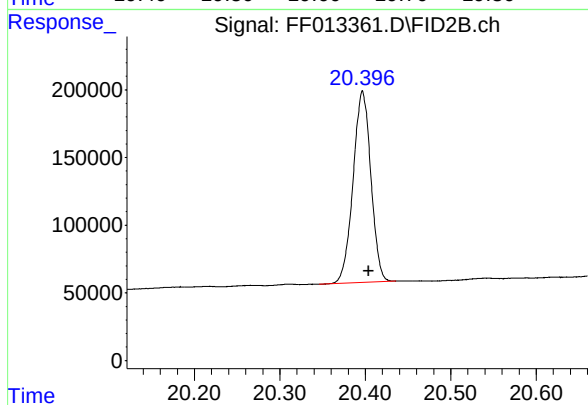
#18 n-Dotriacontane (C32)

R.T.: 18.874 min
Delta R.T.: -0.009 min
Response: 2285057
Conc: 20.23 ug/ml



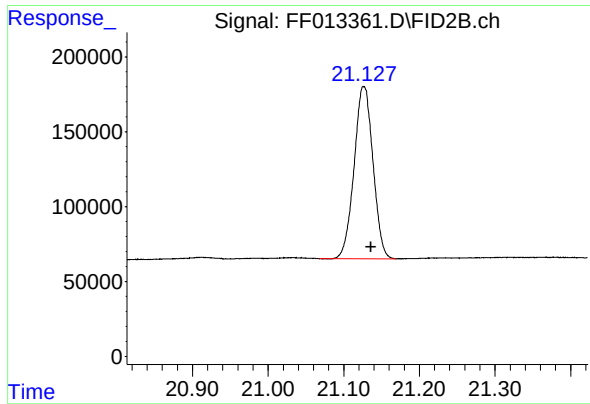
#19 n-Tetatriacontane (C34)

R.T.: 19.658 min
Delta R.T.: -0.008 min
Response: 2089432
Conc: 19.67 ug/ml



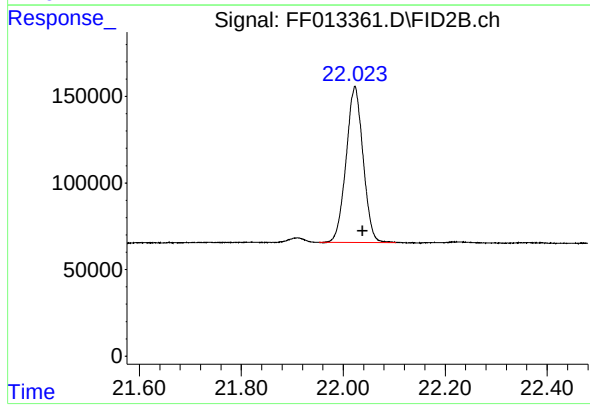
#20 n-Hexatriacontane (C36)

R.T.: 20.397 min
Delta R.T.: -0.007 min
Response: 2043483
Conc: 19.39 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.126 min
Delta R.T.: -0.010 min
Response: 1994963
Conc: 19.75 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.023 min
Delta R.T.: -0.015 min
Response: 2079444
Conc: 20.92 ug/ml