

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE021623AL\
 Data File : FE040379.D
 Signal(s) : FID1B.ch
 Acq On : 16 Feb 2023 10:23
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 17 00:51:00 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 020223.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 02 04:52:48 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	3350466	20.700 ug/ml
Spiked Amount 50.000		Recovery =	41.40%
12) S 1-chlorooctadecane (S...	13.329	2502976	20.182 ug/ml
Spiked Amount 50.000		Recovery =	40.36%
Target Compounds			
1) T n-Nonane (C9)	3.284	2883496	21.186 ug/ml
2) T n-Decane (C10)	4.533	2817660	21.206 ug/ml
3) T A~Naphthalene (C11.7)	6.236	3085543	21.083 ug/ml
4) T n-Dodecane (C12)	6.698	2863072	21.265 ug/ml
5) T A~2-methylnaphthalene...	7.331	2860285	21.132 ug/ml
6) T n-Tetradecane (C14)	8.524	2894161	21.000 ug/ml
7) T n-Hexadecane (C16)	10.131	2992984	20.854 ug/ml
8) T n-Octadecane (C18)	11.573	3073495	20.662 ug/ml
10) T n-Eicosane (C20)	12.883	3009398	20.470 ug/ml
11) T n-Heneicosane (C21)	13.496	3011339	20.417 ug/ml
13) T n-Docosane (C22)	14.082	2991405	20.189 ug/ml
14) T n-Tetracosane (C24)	15.185	2987314	19.679 ug/ml
15) T n-Hexacosane (C26)	16.207	2897434	19.544 ug/ml
16) T n-Octacosane (C28)	17.159	2839232	18.945 ug/ml
17) T n-Tricontane (C30)	18.046	2762784	18.725 ug/ml
18) T n-Dotriacontane (C32)	18.881	2721081	18.579 ug/ml
19) T n-Tetratriacontane (C34)	19.664	2617343	19.029 ug/ml
20) T n-Hexatriacontane (C36)	20.405	2505971	18.893 ug/ml
21) T n-Octatriacontane (C38)	21.136	2436164	18.779 ug/ml
22) T n-Tetracontane (C40)	22.032	2445161	18.416 ug/ml

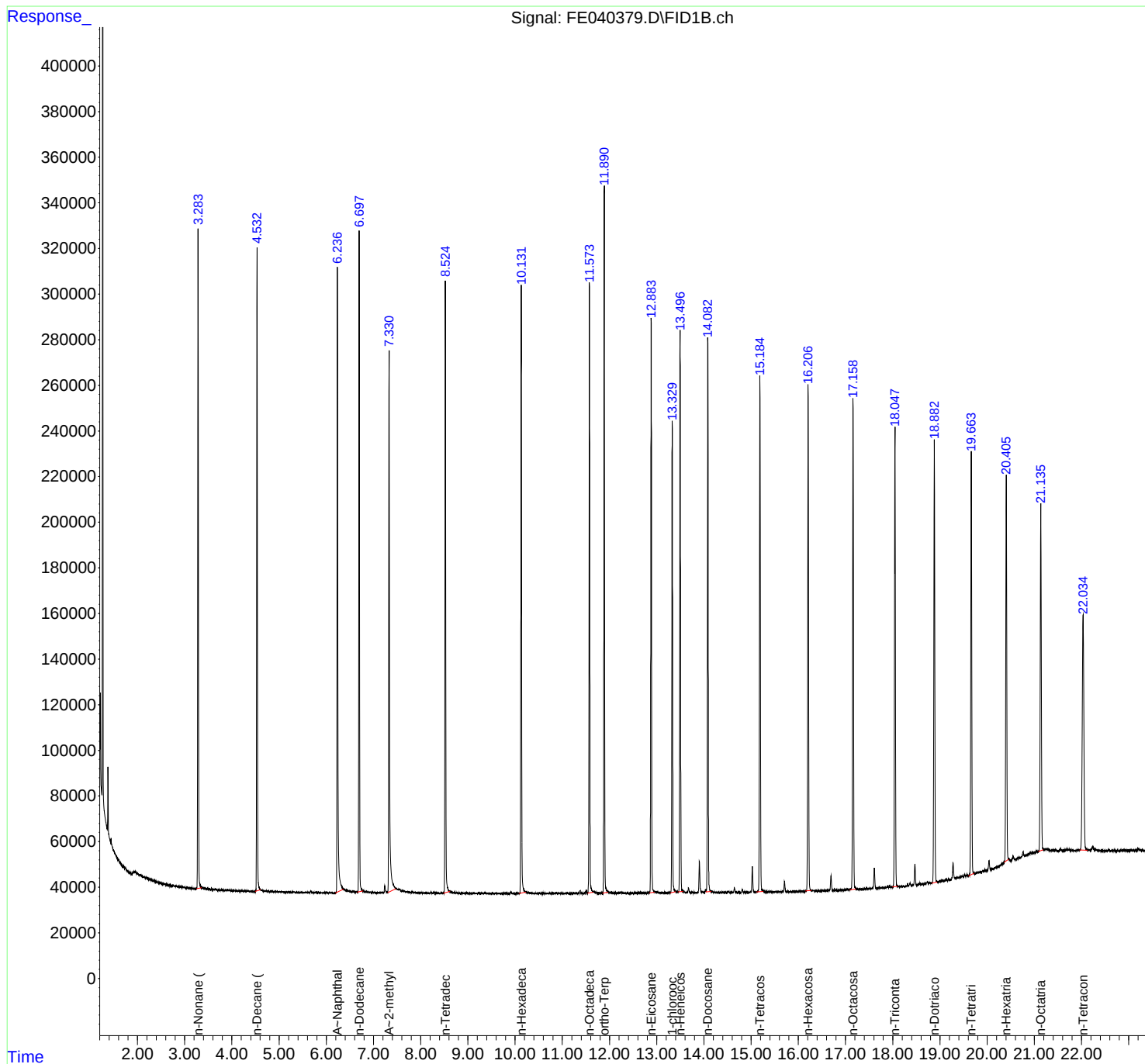
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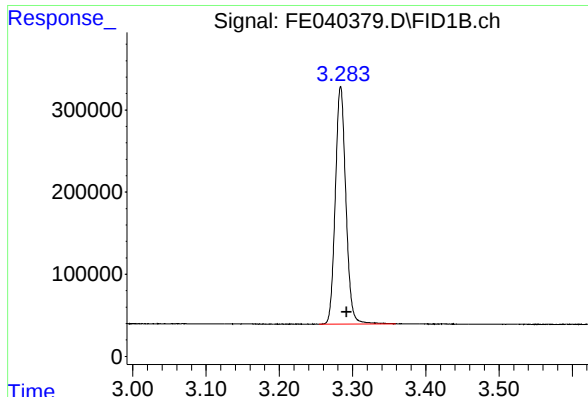
(m)=manual int.

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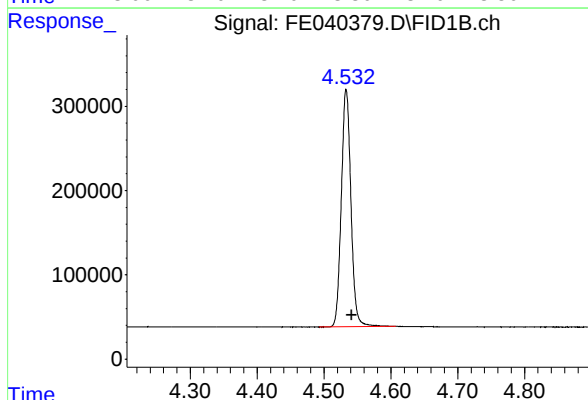
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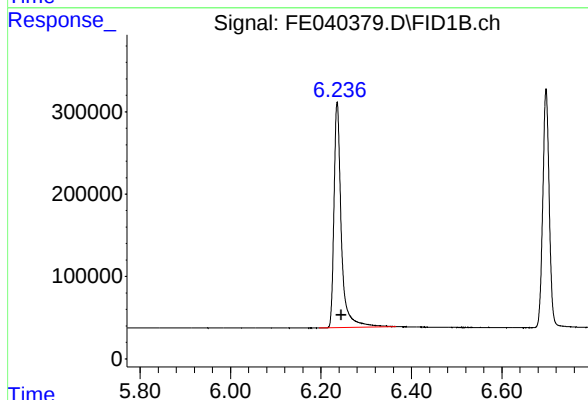
#1 n-Nonane (C9)

R.T.: 3.284 min
Delta R.T.: -0.008 min
Response: 2883496
Conc: 21.19 ug/ml



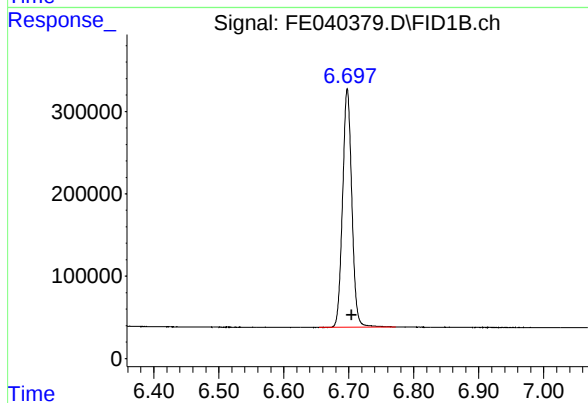
#2 n-Decane (C10)

R.T.: 4.533 min
Delta R.T.: -0.008 min
Response: 2817660
Conc: 21.21 ug/ml



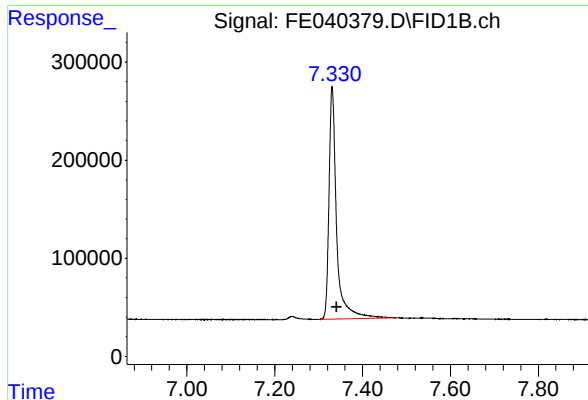
#3 A~Naphthalene (C11.7)

R.T.: 6.236 min
Delta R.T.: -0.010 min
Response: 3085543
Conc: 21.08 ug/ml



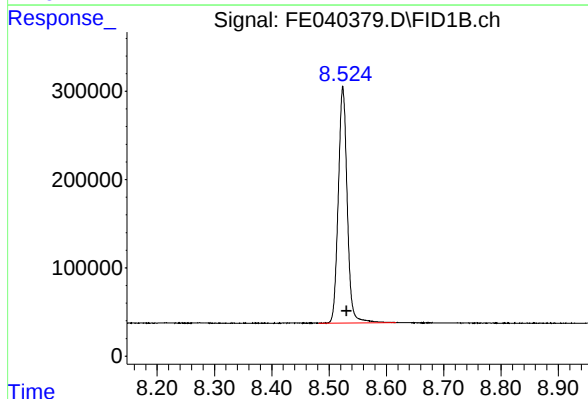
#4 n-Dodecane (C12)

R.T.: 6.698 min
Delta R.T.: -0.007 min
Response: 2863072
Conc: 21.26 ug/ml



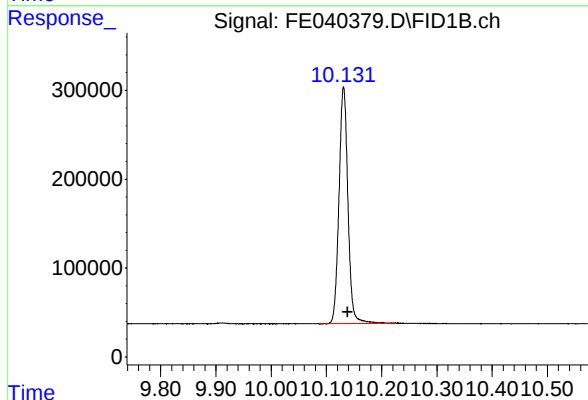
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.331 min
Delta R.T.: -0.010 min
Response: 2860285
Conc: 21.13 ug/ml



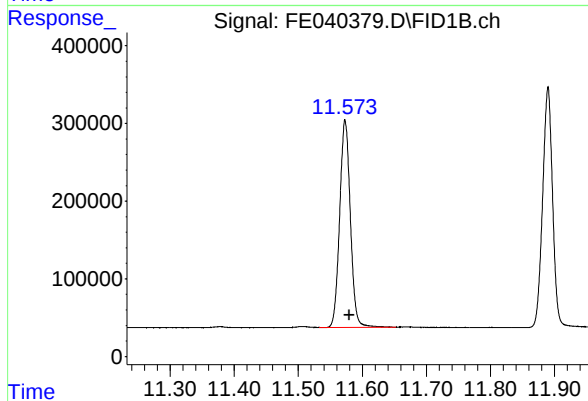
#6 n-Tetradecane (C14)

R.T.: 8.524 min
Delta R.T.: -0.007 min
Response: 2894161
Conc: 21.00 ug/ml



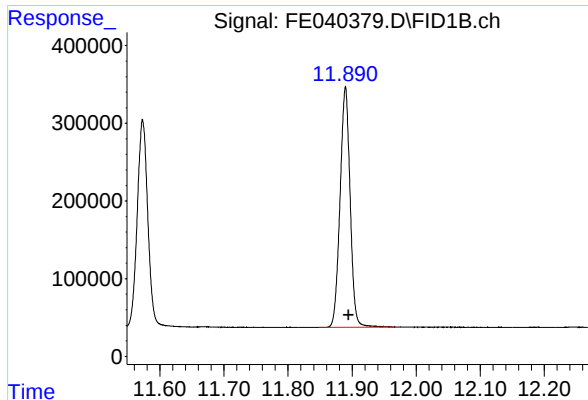
#7 n-Hexadecane (C16)

R.T.: 10.131 min
Delta R.T.: -0.007 min
Response: 2992984
Conc: 20.85 ug/ml



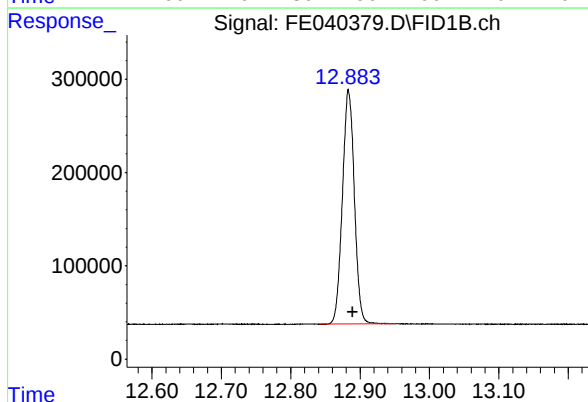
#8 n-Octadecane (C18)

R.T.: 11.573 min
Delta R.T.: -0.006 min
Response: 3073495
Conc: 20.66 ug/ml



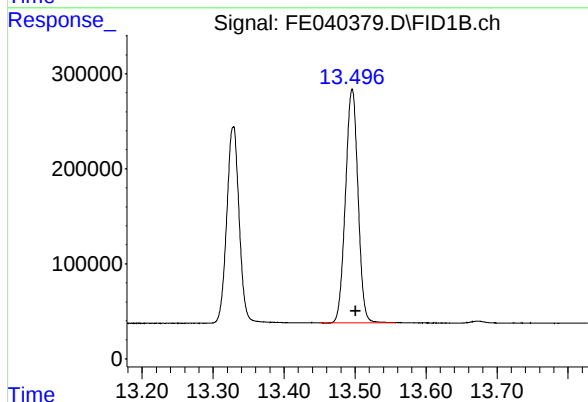
#9 ortho-Terphenyl (SURR)

R.T.: 11.890 min
Delta R.T.: -0.005 min
Response: 3350466
Conc: 20.70 ug/ml



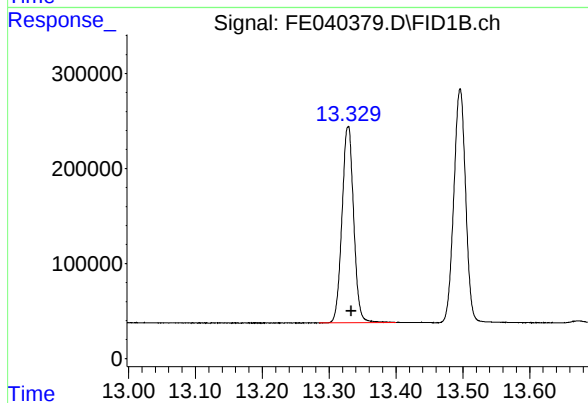
#10 n-Eicosane (C20)

R.T.: 12.883 min
Delta R.T.: -0.006 min
Response: 3009398
Conc: 20.47 ug/ml



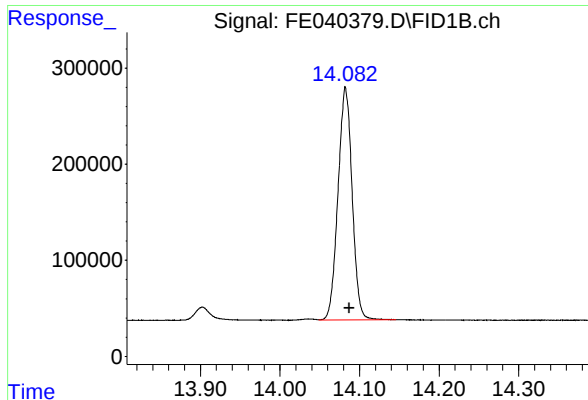
#11 n-Heneicosane (C21)

R.T.: 13.496 min
Delta R.T.: -0.005 min
Response: 3011339
Conc: 20.42 ug/ml



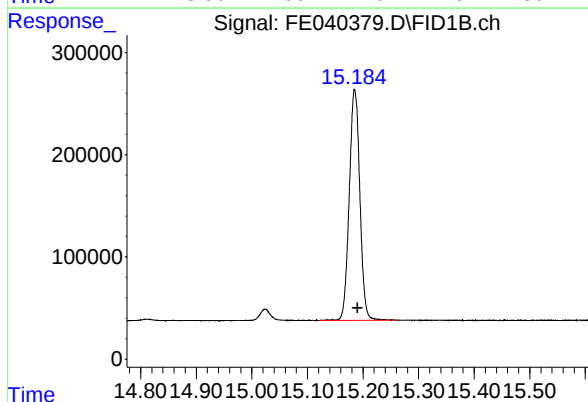
#12 1-chlorooctadecane (SURR)

R.T.: 13.329 min
Delta R.T.: -0.005 min
Response: 2502976
Conc: 20.18 ug/ml



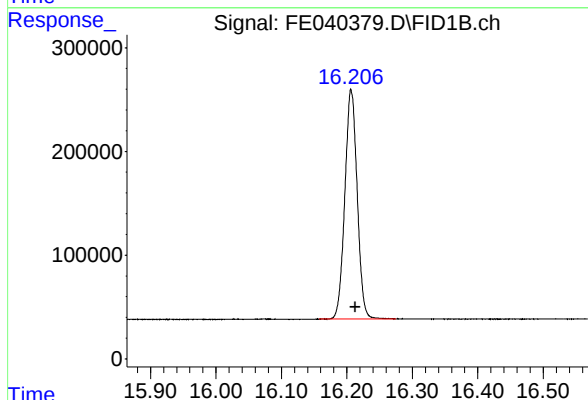
#13 n-Docosane (C22)

R.T.: 14.082 min
Delta R.T.: -0.005 min
Response: 2991405
Conc: 20.19 ug/ml



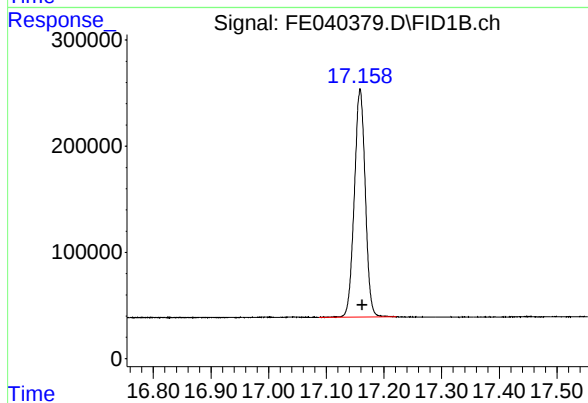
#14 n-Tetracosane (C24)

R.T.: 15.185 min
Delta R.T.: -0.006 min
Response: 2987314
Conc: 19.68 ug/ml



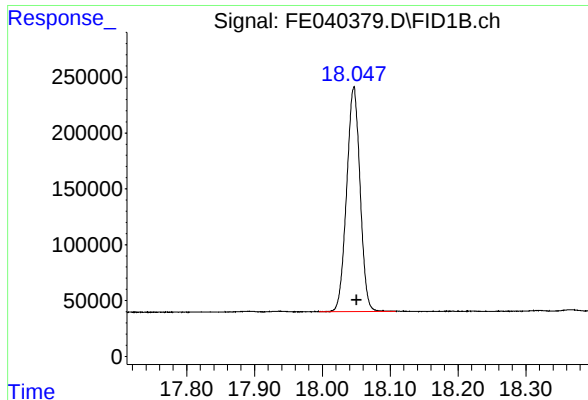
#15 n-Hexacosane (C26)

R.T.: 16.207 min
Delta R.T.: -0.006 min
Response: 2897434
Conc: 19.54 ug/ml



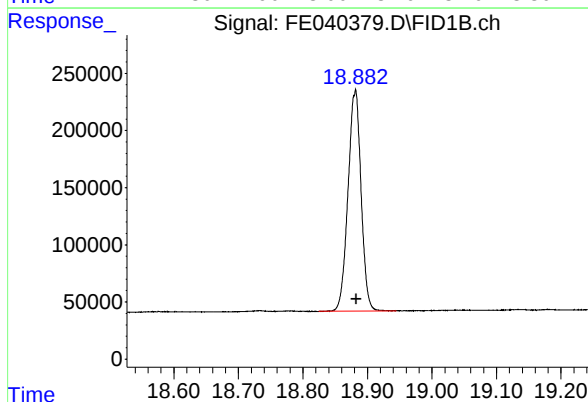
#16 n-Octacosane (C28)

R.T.: 17.159 min
Delta R.T.: -0.004 min
Response: 2839232
Conc: 18.95 ug/ml



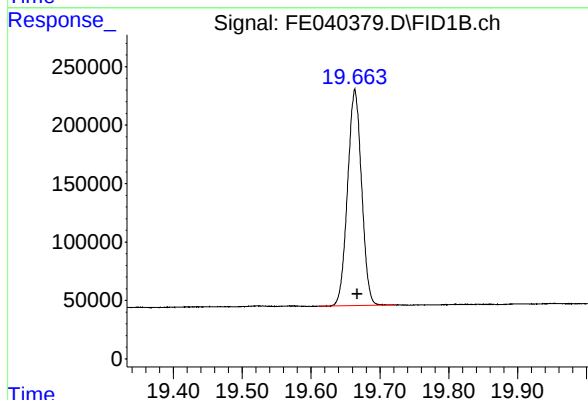
#17 n-Tricontane (C30)

R.T.: 18.046 min
Delta R.T.: -0.004 min
Response: 2762784
Conc: 18.72 ug/ml



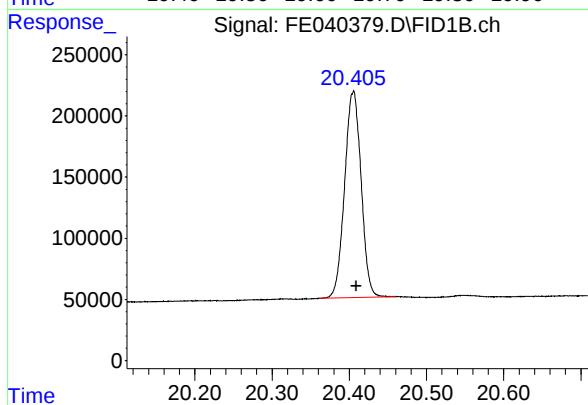
#18 n-Dotriacontane (C32)

R.T.: 18.881 min
Delta R.T.: -0.001 min
Response: 2721081
Conc: 18.58 ug/ml



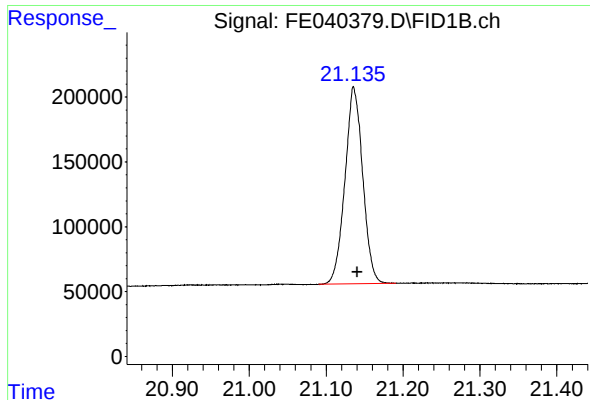
#19 n-Tetatriacontane (C34)

R.T.: 19.664 min
Delta R.T.: -0.004 min
Response: 2617343
Conc: 19.03 ug/ml



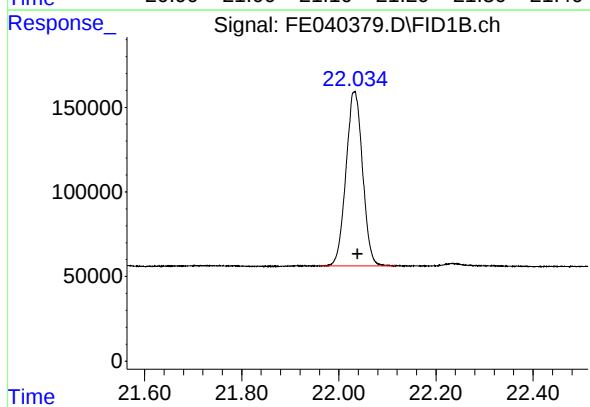
#20 n-Hexatriacontane (C36)

R.T.: 20.405 min
Delta R.T.: -0.004 min
Response: 2505971
Conc: 18.89 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.136 min
Delta R.T.: -0.005 min
Response: 2436164
Conc: 18.78 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.032 min
Delta R.T.: -0.006 min
Response: 2445161
Conc: 18.42 ug/ml