

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD063022AL\
 Data File : FD043121.D
 Signal(s) : FID2B.ch
 Acq On : 30 Jun 2022 09:28
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 01 03:46:31 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 062422.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 27 04:21:05 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)	11.536	3595755	20.303 ug/ml
Spiked Amount 50.000		Recovery =	40.61%
12) S 1-chlorooctadecane (S...	12.970	2814060	20.325 ug/ml
Spiked Amount 50.000		Recovery =	40.65%
Target Compounds			
1) T n-Nonane (C9)	3.321	3068575	20.465 ug/ml
2) T n-Decane (C10)	4.386	3082319	20.652 ug/ml
3) T A~Naphthalene (C11.7)	5.964	3495941	20.620 ug/ml
4) T n-Dodecane (C12)	6.399	3179477	20.799 ug/ml
5) T A~2-methylnaphthalene...	7.018	3560921	20.727 ug/ml
6) T n-Tetradecane (C14)	8.190	3215153	20.895 ug/ml
7) T n-Hexadecane (C16)	9.786	3259132	20.856 ug/ml
8) T n-Octadecane (C18)	11.223	3293513	20.791 ug/ml
10) T n-Eicosane (C20)	12.527	3294001	20.752 ug/ml
11) T n-Heneicosane (C21)	13.137	3252895	20.374 ug/ml
13) T n-Docosane (C22)	13.722	3299820	20.654 ug/ml
14) T n-Tetracosane (C24)	14.820	3342683	20.819 ug/ml
15) T n-Hexacosane (C26)	15.838	3313279	20.855 ug/ml
16) T n-Octacosane (C28)	16.783	3272578	20.883 ug/ml
17) T n-Tricontane (C30)	17.668	3117747	20.544 ug/ml
18) T n-Dotriacontane (C32)	18.496	2890310	20.526 ug/ml
19) T n-Tetratriacontane (C34)	19.276	2570362	20.185 ug/ml
20) T n-Hexatriacontane (C36)	20.012	2366428	20.556 ug/ml
21) T n-Octatriacontane (C38)	20.734	2282019	21.185 ug/mlm
22) T n-Tetracontane (C40)	21.609	2294280	21.584 ug/mlm

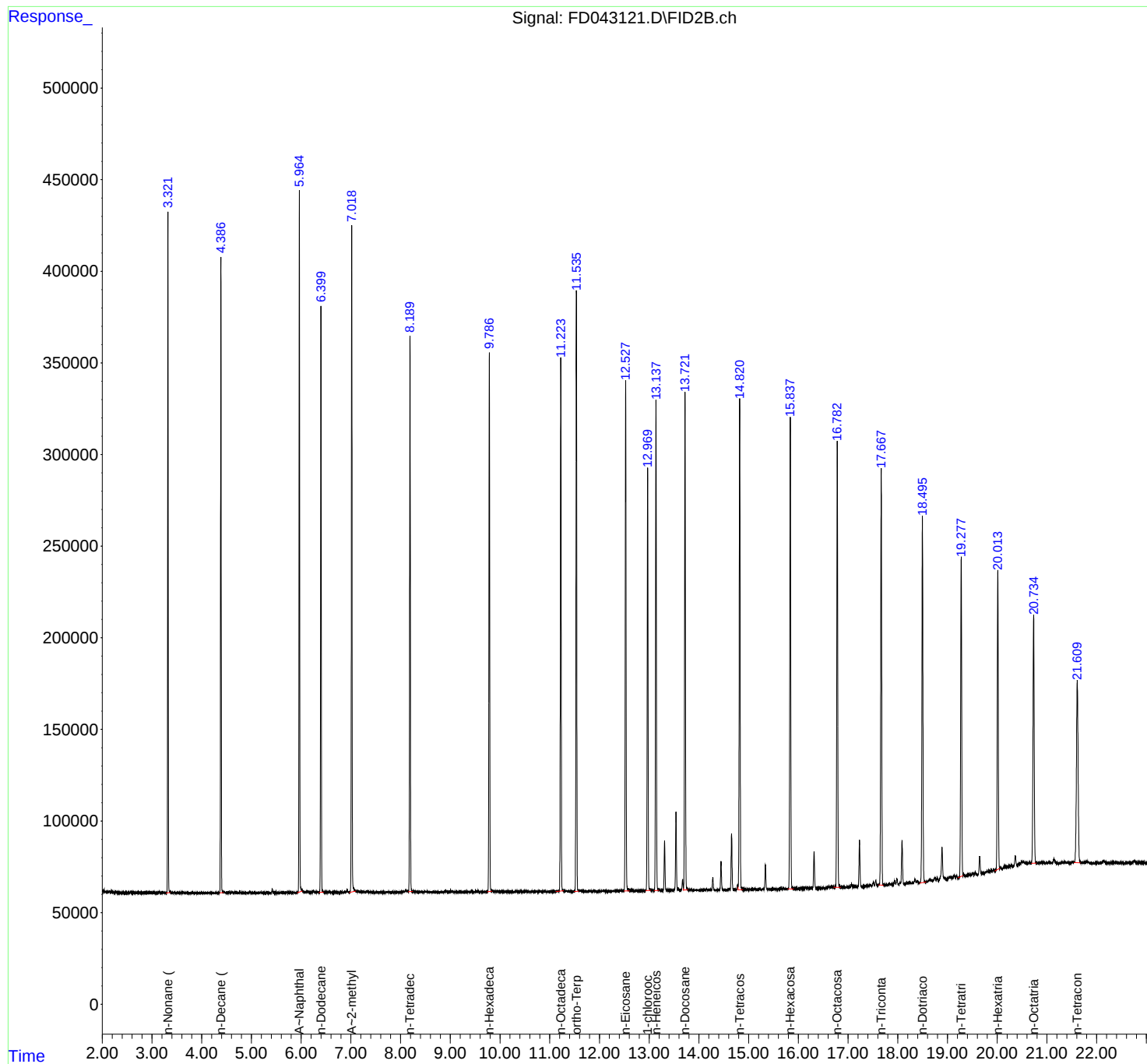
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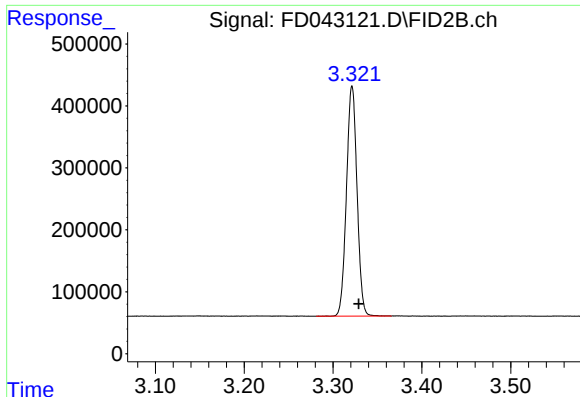
(m)=manual int.

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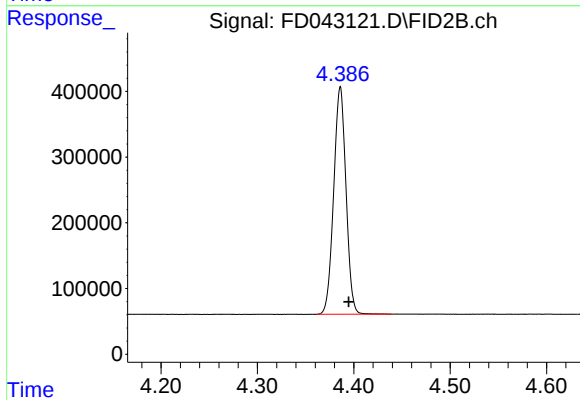
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





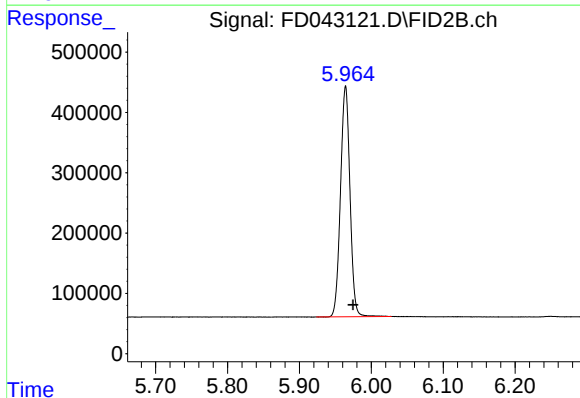
#1 n-Nonane (C9)

R.T.: 3.321 min
Delta R.T.: -0.008 min
Response: 3068575
Conc: 20.47 ug/ml



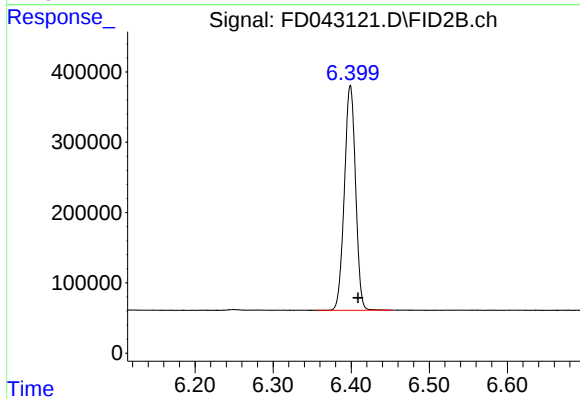
#2 n-Decane (C10)

R.T.: 4.386 min
Delta R.T.: -0.009 min
Response: 3082319
Conc: 20.65 ug/ml



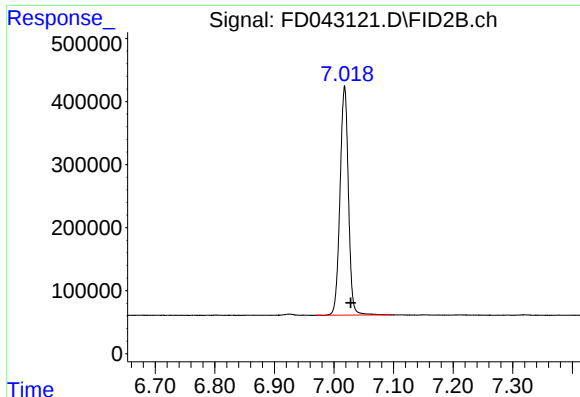
#3 A~Naphthalene (C11.7)

R.T.: 5.964 min
Delta R.T.: -0.010 min
Response: 3495941
Conc: 20.62 ug/ml



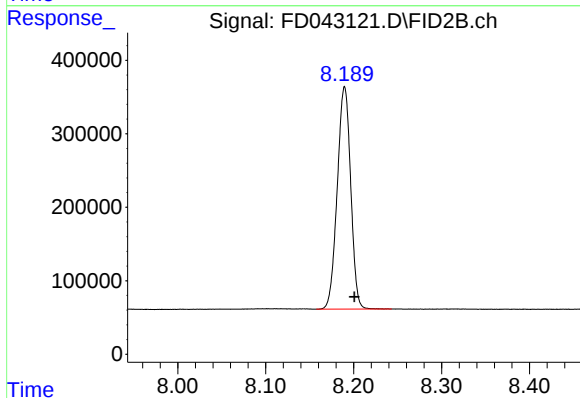
#4 n-Dodecane (C12)

R.T.: 6.399 min
Delta R.T.: -0.010 min
Response: 3179477
Conc: 20.80 ug/ml



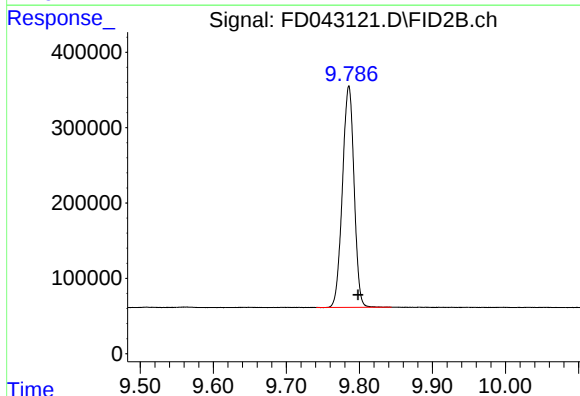
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.018 min
Delta R.T.: -0.010 min
Response: 3560921
Conc: 20.73 ug/ml



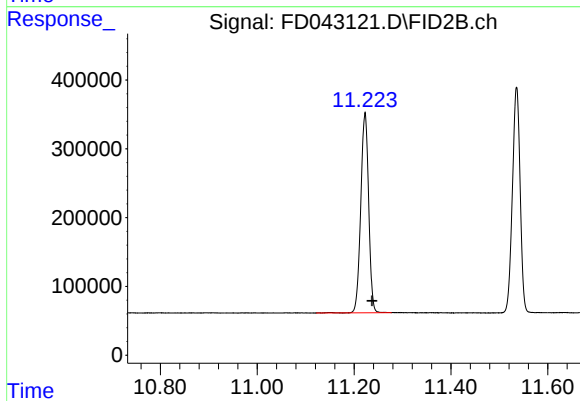
#6 n-Tetradecane (C14)

R.T.: 8.190 min
Delta R.T.: -0.011 min
Response: 3215153
Conc: 20.90 ug/ml



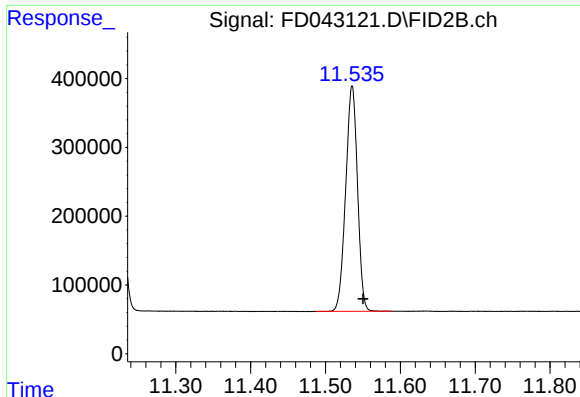
#7 n-Hexadecane (C16)

R.T.: 9.786 min
Delta R.T.: -0.013 min
Response: 3259132
Conc: 20.86 ug/ml



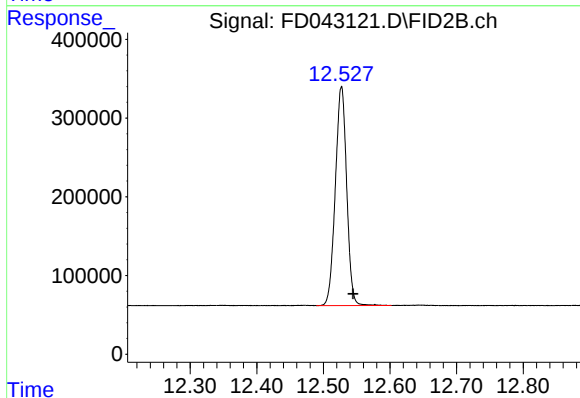
#8 n-Octadecane (C18)

R.T.: 11.223 min
Delta R.T.: -0.014 min
Response: 3293513
Conc: 20.79 ug/ml



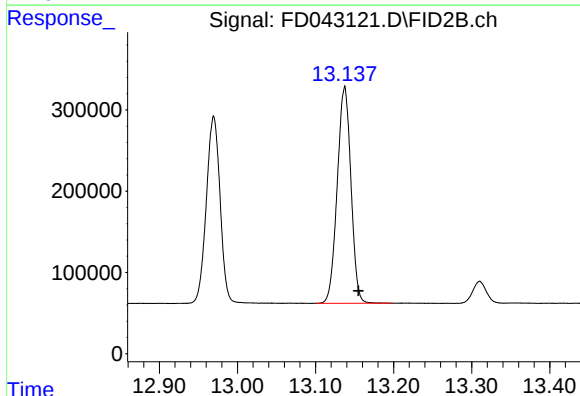
#9 ortho-Terphenyl (SURR)

R.T.: 11.536 min
Delta R.T.: -0.015 min
Response: 3595755
Conc: 20.30 ug/ml



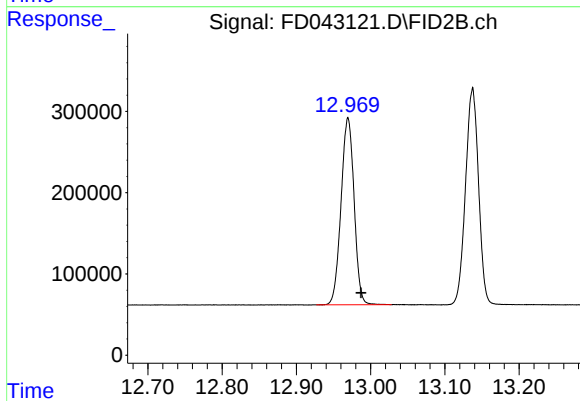
#10 n-Eicosane (C20)

R.T.: 12.527 min
Delta R.T.: -0.017 min
Response: 3294001
Conc: 20.75 ug/ml



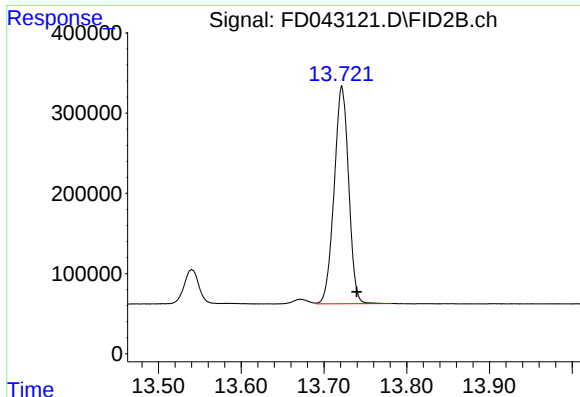
#11 n-Heneicosane (C21)

R.T.: 13.137 min
Delta R.T.: -0.018 min
Response: 3252895
Conc: 20.37 ug/ml



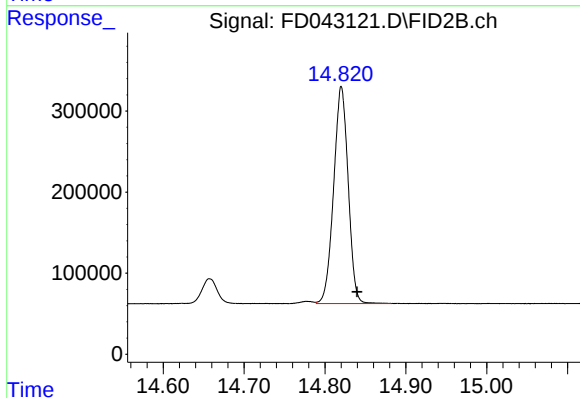
#12 1-chlorooctadecane (SURR)

R.T.: 12.970 min
Delta R.T.: -0.018 min
Response: 2814060
Conc: 20.33 ug/ml



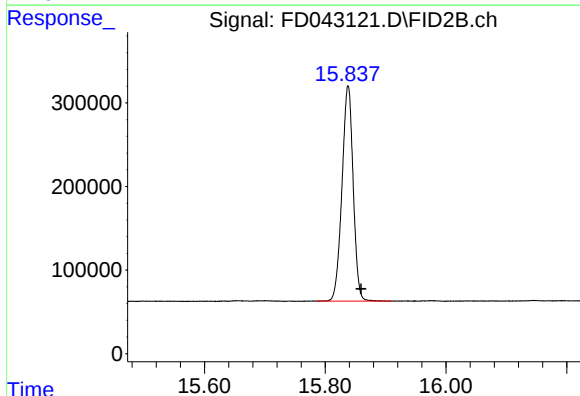
#13 n-Docosane (C22)

R.T.: 13.722 min
Delta R.T.: -0.018 min
Response: 3299820
Conc: 20.65 ug/ml



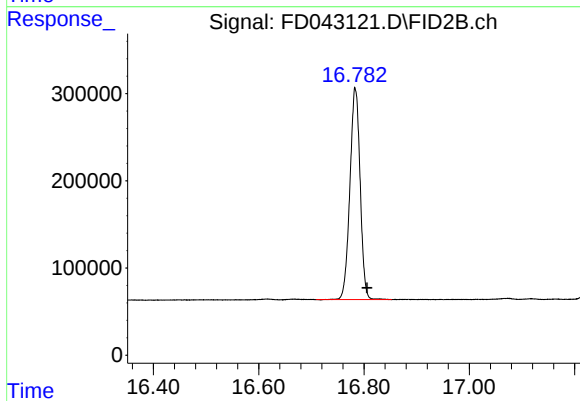
#14 n-Tetracosane (C24)

R.T.: 14.820 min
Delta R.T.: -0.019 min
Response: 3342683
Conc: 20.82 ug/ml



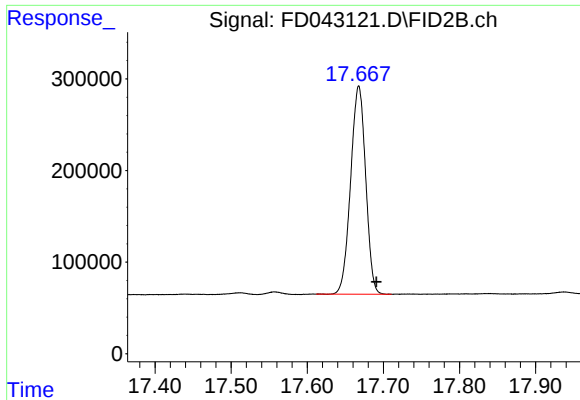
#15 n-Hexacosane (C26)

R.T.: 15.838 min
Delta R.T.: -0.021 min
Response: 3313279
Conc: 20.86 ug/ml



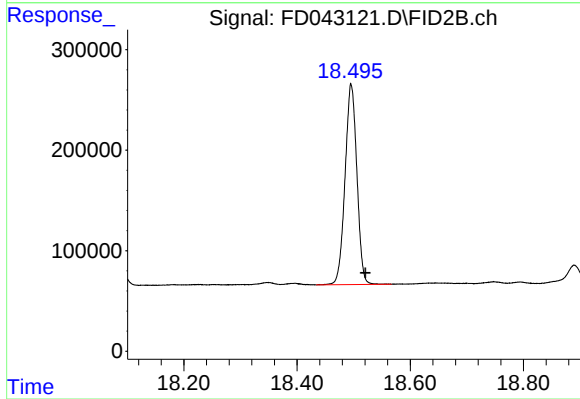
#16 n-Octacosane (C28)

R.T.: 16.783 min
Delta R.T.: -0.022 min
Response: 3272578
Conc: 20.88 ug/ml



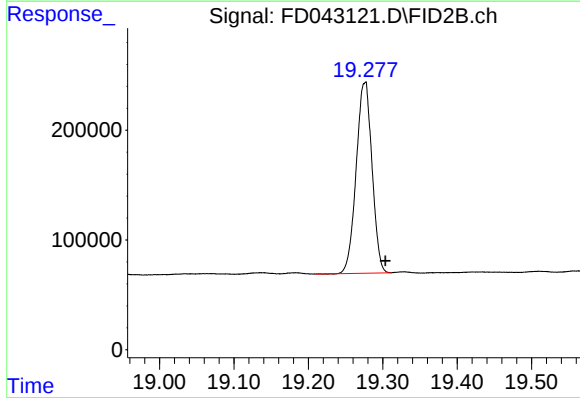
#17 n-Tricontane (C30)

R.T.: 17.668 min
Delta R.T.: -0.023 min
Response: 3117747
Conc: 20.54 ug/ml



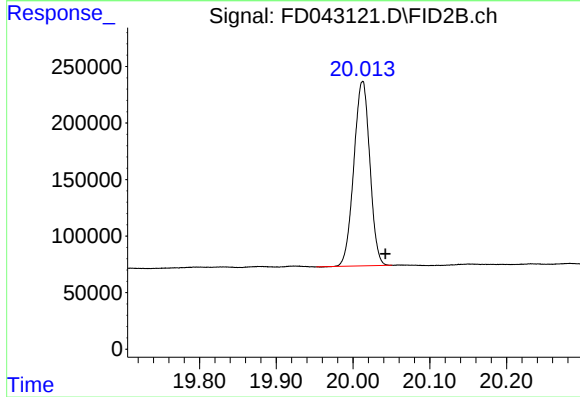
#18 n-Dotriacontane (C32)

R.T.: 18.496 min
Delta R.T.: -0.025 min
Response: 2890310
Conc: 20.53 ug/ml



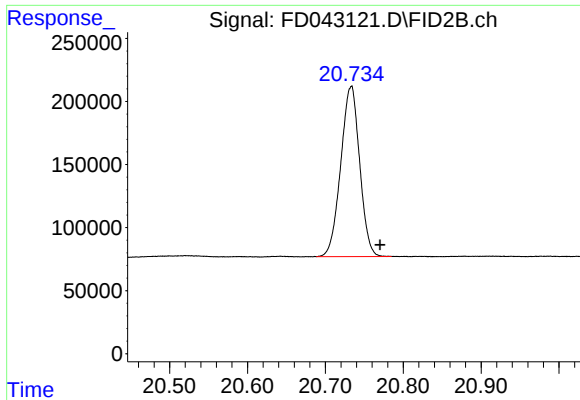
#19 n-Tetratriacontane (C34)

R.T.: 19.276 min
Delta R.T.: -0.027 min
Response: 2570362
Conc: 20.19 ug/ml



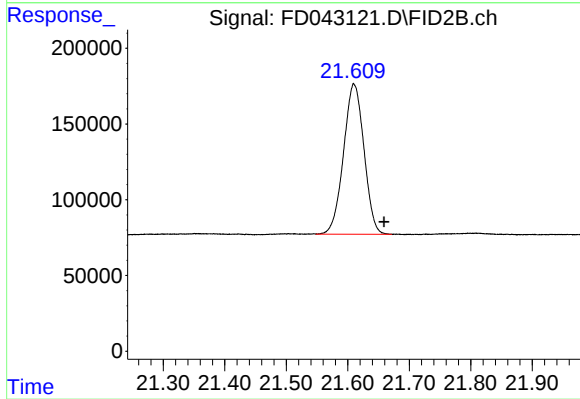
#20 n-Hexatriacontane (C36)

R.T.: 20.012 min
Delta R.T.: -0.030 min
Response: 2366428
Conc: 20.56 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.734 min
Delta R.T.: -0.036 min
Response: 2282019
Conc: 21.19 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.609 min
Delta R.T.: -0.050 min
Response: 2294280
Conc: 21.58 ug/ml m