

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081122AL\
 Data File : FE037003.D
 Signal(s) : FID1B.ch
 Acq On : 11 Aug 2022 10:30
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 11 12:57:22 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071722.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 18 02:35:21 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)	11.833	3362821	18.056 ug/ml
Spiked Amount 50.000		Recovery =	36.11%
12) S 1-chlorooctadecane (S...	13.274	2644327	17.380 ug/ml
Spiked Amount 50.000		Recovery =	34.76%
Target Compounds			
1) T n-Nonane (C9)	3.219	3023798	19.615 ug/ml
2) T n-Decane (C10)	4.474	3089281	20.041 ug/ml
3) T A~Naphthalene (C11.7)	6.179	3318447	19.419 ug/ml
4) T n-Dodecane (C12)	6.644	3167930	20.171 ug/ml
5) T A~2-methylnaphthalene...	7.275	3307647	19.245 ug/ml
6) T n-Tetradecane (C14)	8.471	3195369	19.573 ug/ml
7) T n-Hexadecane (C16)	10.077	3153320	19.131 ug/ml
8) T n-Octadecane (C18)	11.520	3147853	18.522 ug/ml
10) T n-Eicosane (C20)	12.829	3047208	17.914 ug/ml
11) T n-Heneicosane (C21)	13.441	3014231	17.611 ug/ml
13) T n-Docosane (C22)	14.028	2950933	17.284 ug/ml
14) T n-Tetracosane (C24)	15.131	2929443	17.185 ug/ml
15) T n-Hexacosane (C26)	16.152	2821964	16.879 ug/ml
16) T n-Octacosane (C28)	17.104	2793574	17.104 ug/ml
17) T n-Tricontane (C30)	17.994	2784747	18.326 ug/ml
18) T n-Dotriacontane (C32)	18.828	2359592	19.619 ug/ml
19) T n-Tetratriacontane (C34)	19.612	1766691	21.215 ug/ml
20) T n-Hexatriacontane (C36)	20.352	1391729	23.702 ug/ml
21) T n-Octatriacontane (C38)	21.077	1244395	24.820 ug/mlm
22) T n-Tetracontane (C40)	21.960	1136631	22.010 ug/ml

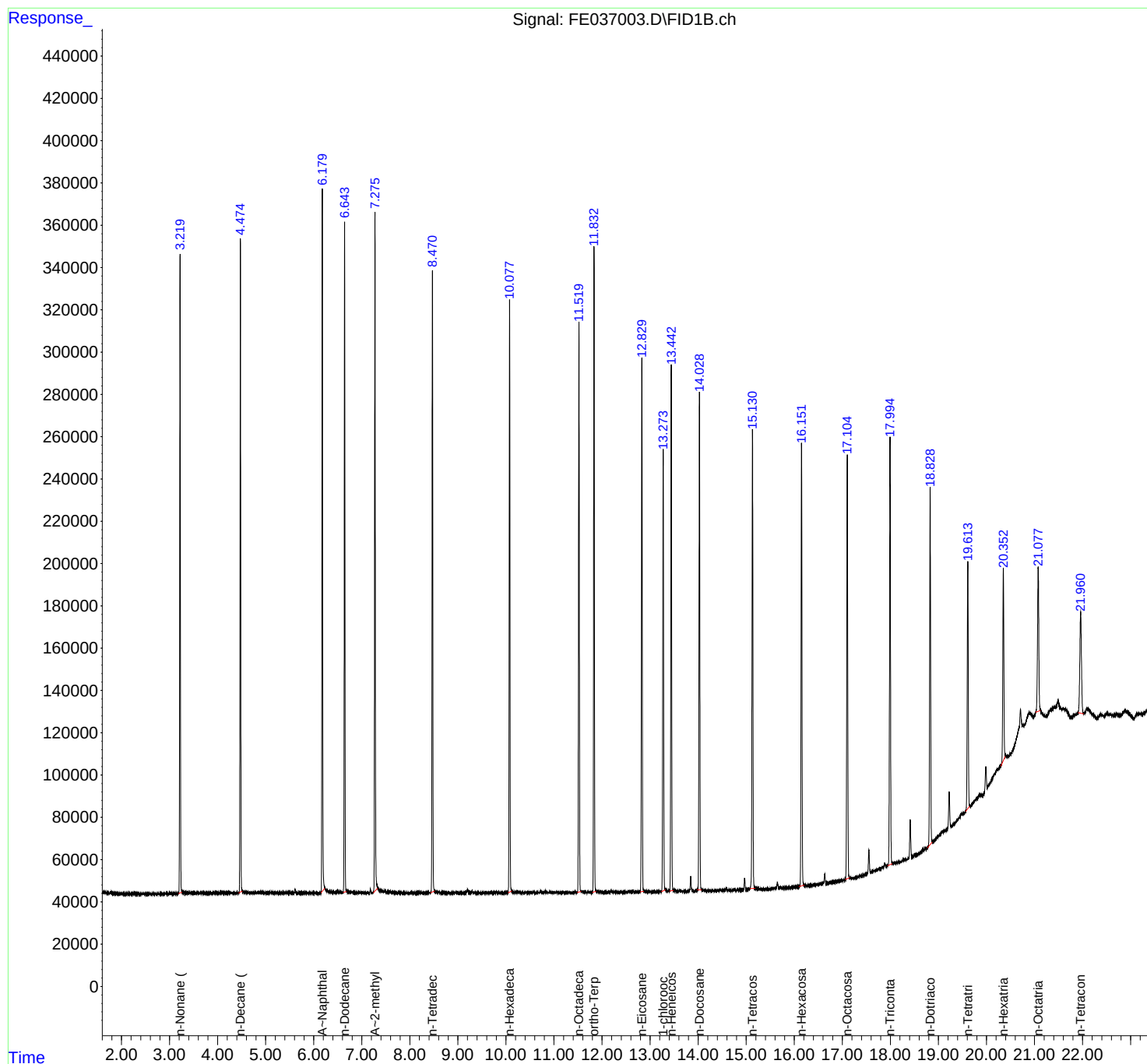
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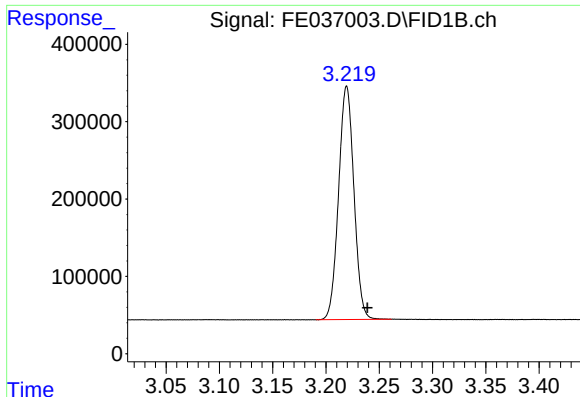
(m)=manual int.

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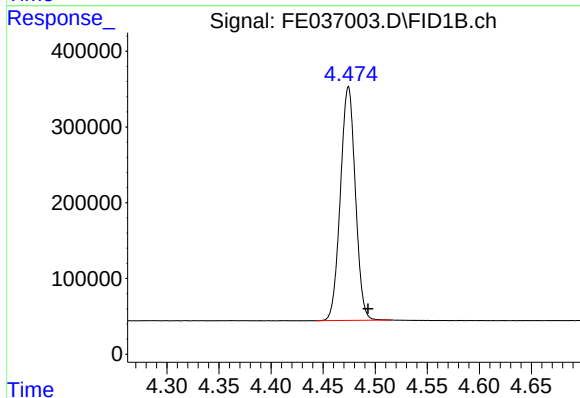
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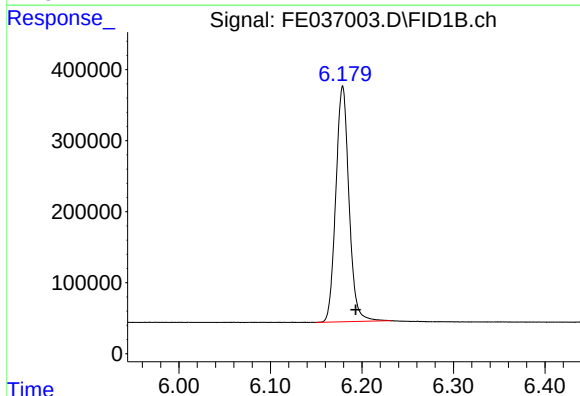
#1 n-Nonane (C9)

R.T.: 3.219 min
Delta R.T.: -0.020 min
Response: 3023798
Conc: 19.62 ug/ml



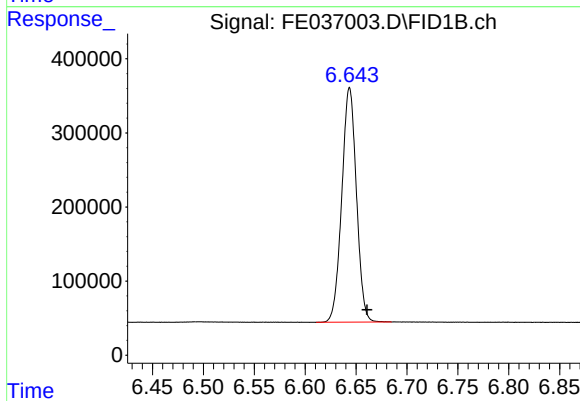
#2 n-Decane (C10)

R.T.: 4.474 min
Delta R.T.: -0.019 min
Response: 3089281
Conc: 20.04 ug/ml



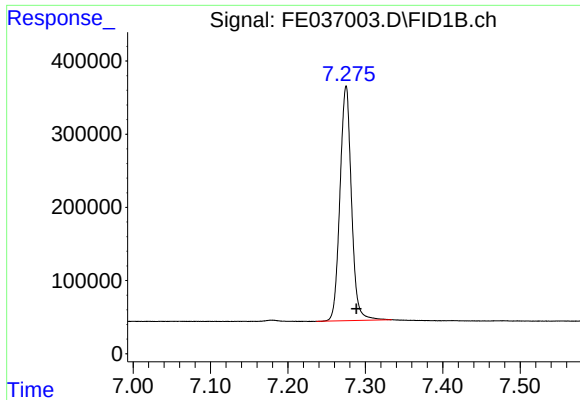
#3 A~Naphthalene (C11.7)

R.T.: 6.179 min
Delta R.T.: -0.014 min
Response: 3318447
Conc: 19.42 ug/ml



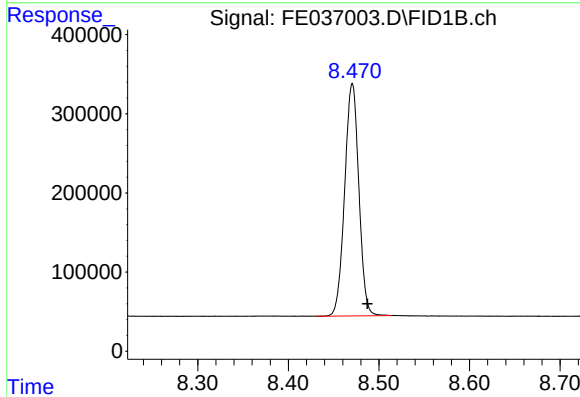
#4 n-Dodecane (C12)

R.T.: 6.644 min
Delta R.T.: -0.017 min
Response: 3167930
Conc: 20.17 ug/ml



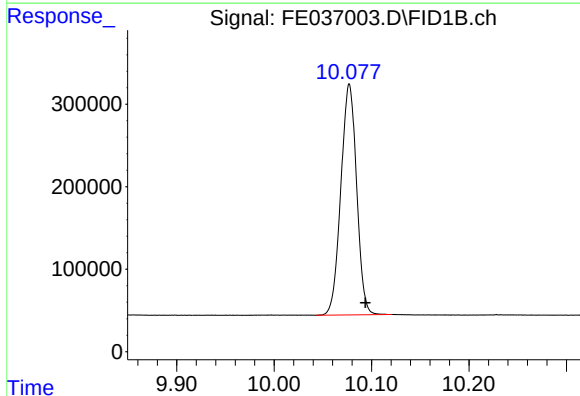
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.275 min
Delta R.T.: -0.013 min
Response: 3307647
Conc: 19.25 ug/ml



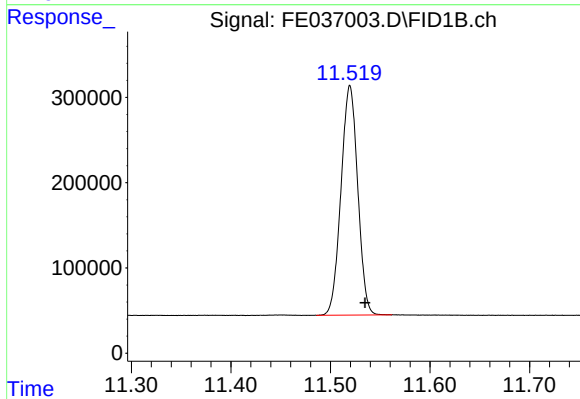
#6 n-Tetradecane (C14)

R.T.: 8.471 min
Delta R.T.: -0.017 min
Response: 3195369
Conc: 19.57 ug/ml



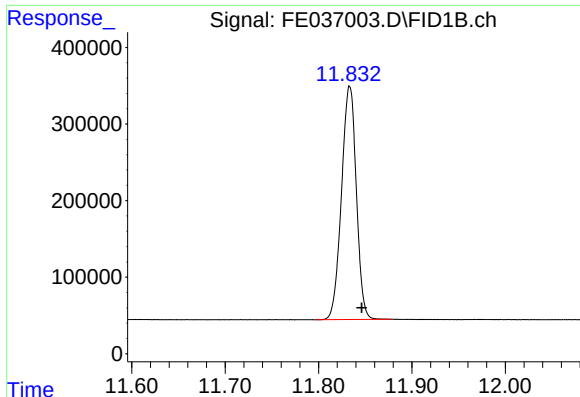
#7 n-Hexadecane (C16)

R.T.: 10.077 min
Delta R.T.: -0.017 min
Response: 3153320
Conc: 19.13 ug/ml



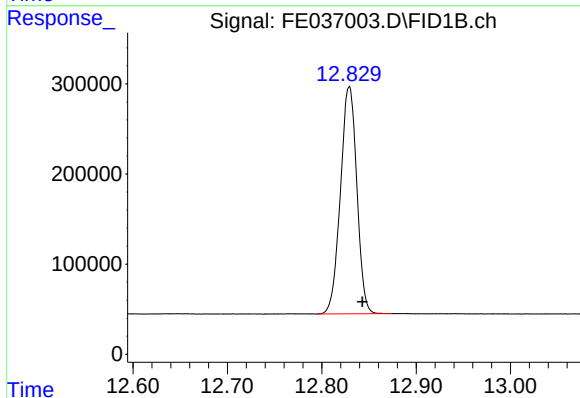
#8 n-Octadecane (C18)

R.T.: 11.520 min
Delta R.T.: -0.015 min
Response: 3147853
Conc: 18.52 ug/ml



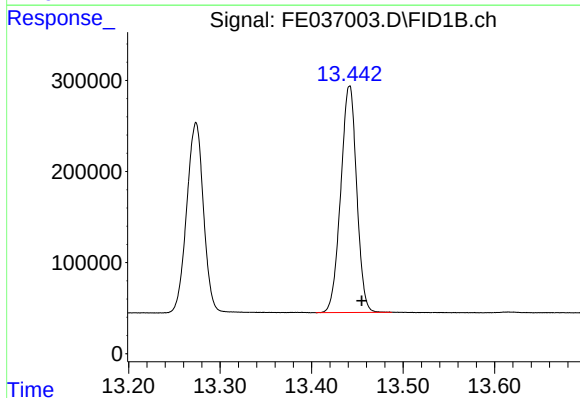
#9 ortho-Terphenyl (SURR)

R.T.: 11.833 min
Delta R.T.: -0.013 min
Response: 3362821
Conc: 18.06 ug/ml



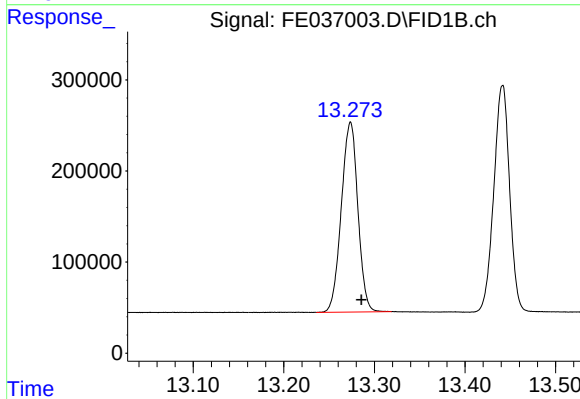
#10 n-Eicosane (C20)

R.T.: 12.829 min
Delta R.T.: -0.014 min
Response: 3047208
Conc: 17.91 ug/ml



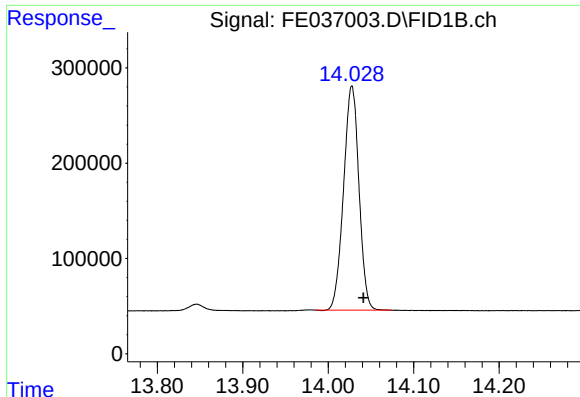
#11 n-Heneicosane (C21)

R.T.: 13.441 min
Delta R.T.: -0.013 min
Response: 3014231
Conc: 17.61 ug/ml



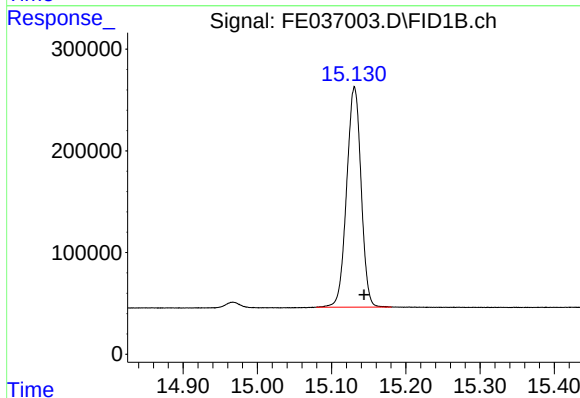
#12 1-chlorooctadecane (SURR)

R.T.: 13.274 min
Delta R.T.: -0.012 min
Response: 2644327
Conc: 17.38 ug/ml



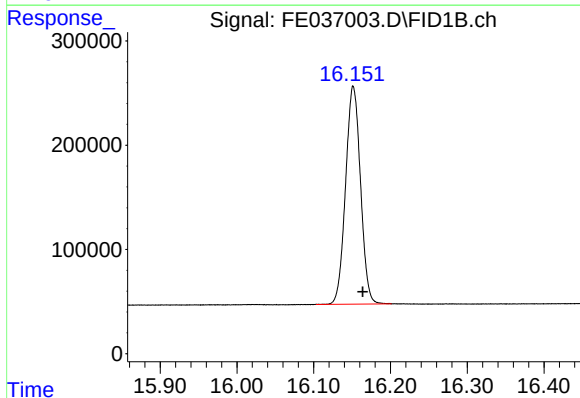
#13 n-Docosane (C22)

R.T.: 14.028 min
Delta R.T.: -0.013 min
Response: 2950933
Conc: 17.28 ug/ml



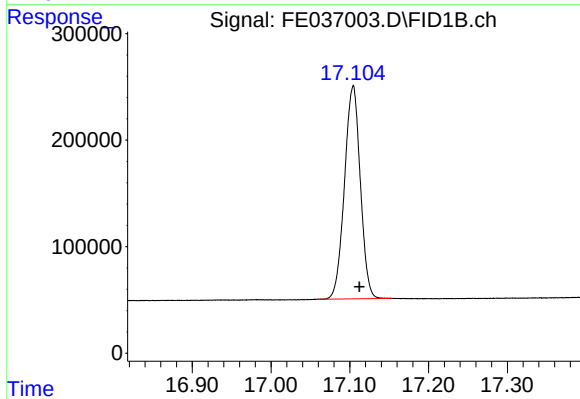
#14 n-Tetracosane (C24)

R.T.: 15.131 min
Delta R.T.: -0.013 min
Response: 2929443
Conc: 17.19 ug/ml



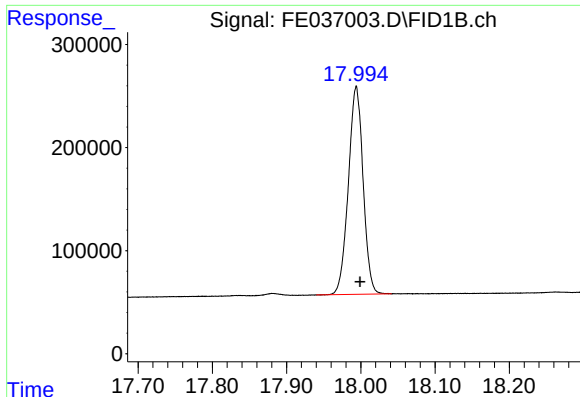
#15 n-Hexacosane (C26)

R.T.: 16.152 min
Delta R.T.: -0.012 min
Response: 2821964
Conc: 16.88 ug/ml



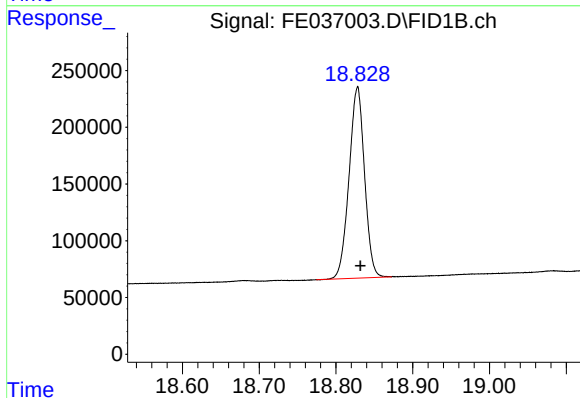
#16 n-Octacosane (C28)

R.T.: 17.104 min
Delta R.T.: -0.008 min
Response: 2793574
Conc: 17.10 ug/ml



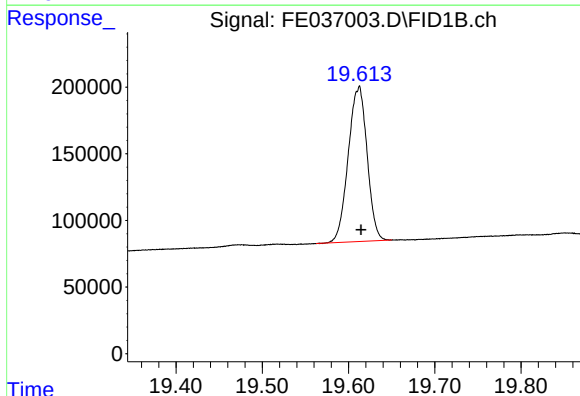
#17 n-Tricontane (C30)

R.T.: 17.994 min
Delta R.T.: -0.005 min
Response: 2784747
Conc: 18.33 ug/ml



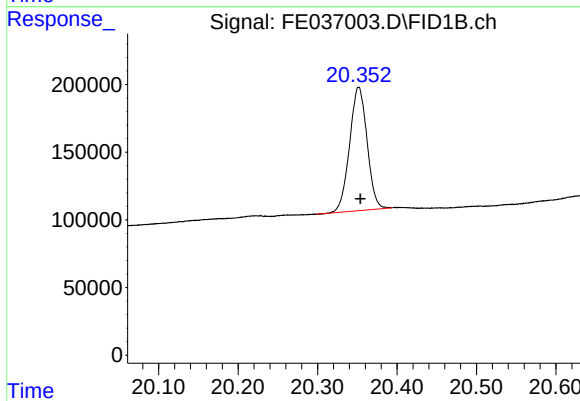
#18 n-Dotriacontane (C32)

R.T.: 18.828 min
Delta R.T.: -0.004 min
Response: 2359592
Conc: 19.62 ug/ml



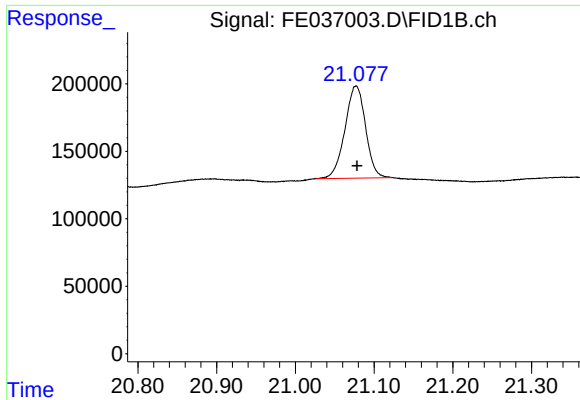
#19 n-Tetratriacontane (C34)

R.T.: 19.612 min
Delta R.T.: -0.002 min
Response: 1766691
Conc: 21.21 ug/ml



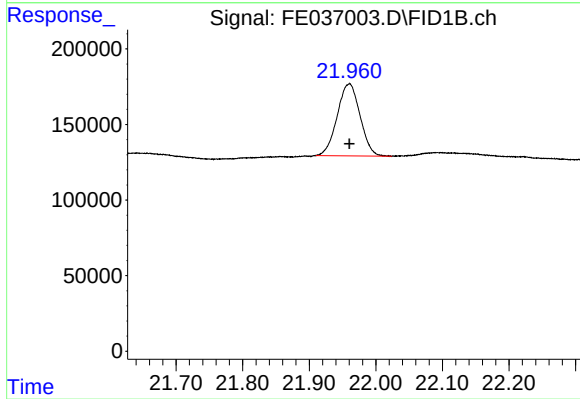
#20 n-Hexatriacontane (C36)

R.T.: 20.352 min
Delta R.T.: -0.002 min
Response: 1391729
Conc: 23.70 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.077 min
Delta R.T.: 0.000 min
Response: 1244395
Conc: 24.82 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.960 min
Delta R.T.: 0.000 min
Response: 1136631
Conc: 22.01 ug/ml