

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE122223AL\
 Data File : FE045942.D
 Signal(s) : FID1B.ch
 Acq On : 22 Dec 2023 06:49
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 22 08:52:23 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 113023.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 30 12:25:07 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)	11.843	4016488	19.207 ug/ml
Spiked Amount 50.000		Recovery =	38.41%
12) S 1-chlorooctadecane (S...	13.287	2960691	18.816 ug/ml
Spiked Amount 50.000		Recovery =	37.63%
Target Compounds			
1) T n-Nonane (C9)	3.228	3404347	21.468 ug/ml
2) T n-Decane (C10)	4.479	3459863	21.606 ug/ml
3) T A~Naphthalene (C11.7)	6.182	3735887	21.447 ug/ml
4) T n-Dodecane (C12)	6.647	3502649	21.684 ug/ml
5) T A~2-methylnaphthalene...	7.278	3622178	21.330 ug/ml
6) T n-Tetradecane (C14)	8.474	3463367	21.589 ug/ml
7) T n-Hexadecane (C16)	10.084	3505350	21.168 ug/ml
8) T n-Octadecane (C18)	11.529	3477072	20.280 ug/ml
10) T n-Eicosane (C20)	12.841	3320116	19.189 ug/ml
11) T n-Heneicosane (C21)	13.454	3240451	18.836 ug/ml
13) T n-Docosane (C22)	14.043	3174945	18.414 ug/ml
14) T n-Tetracosane (C24)	15.149	3092568	17.714 ug/ml
15) T n-Hexacosane (C26)	16.173	3024043	17.364 ug/ml
16) T n-Octacosane (C28)	17.126	3009689	17.414 ug/ml
17) T n-Tricontane (C30)	18.017	3118592	17.826 ug/ml
18) T n-Dotriacontane (C32)	18.852	3170888	17.381 ug/mlm
19) T n-Tetratriacontane (C34)	19.641	3107372	18.727 ug/ml
20) T n-Hexatriacontane (C36)	20.384	3102575	19.545 ug/ml
21) T n-Octatriacontane (C38)	21.119	3307954	21.094 ug/ml
22) T n-Tetracontane (C40)	22.025	3266523	22.985 ug/mlm

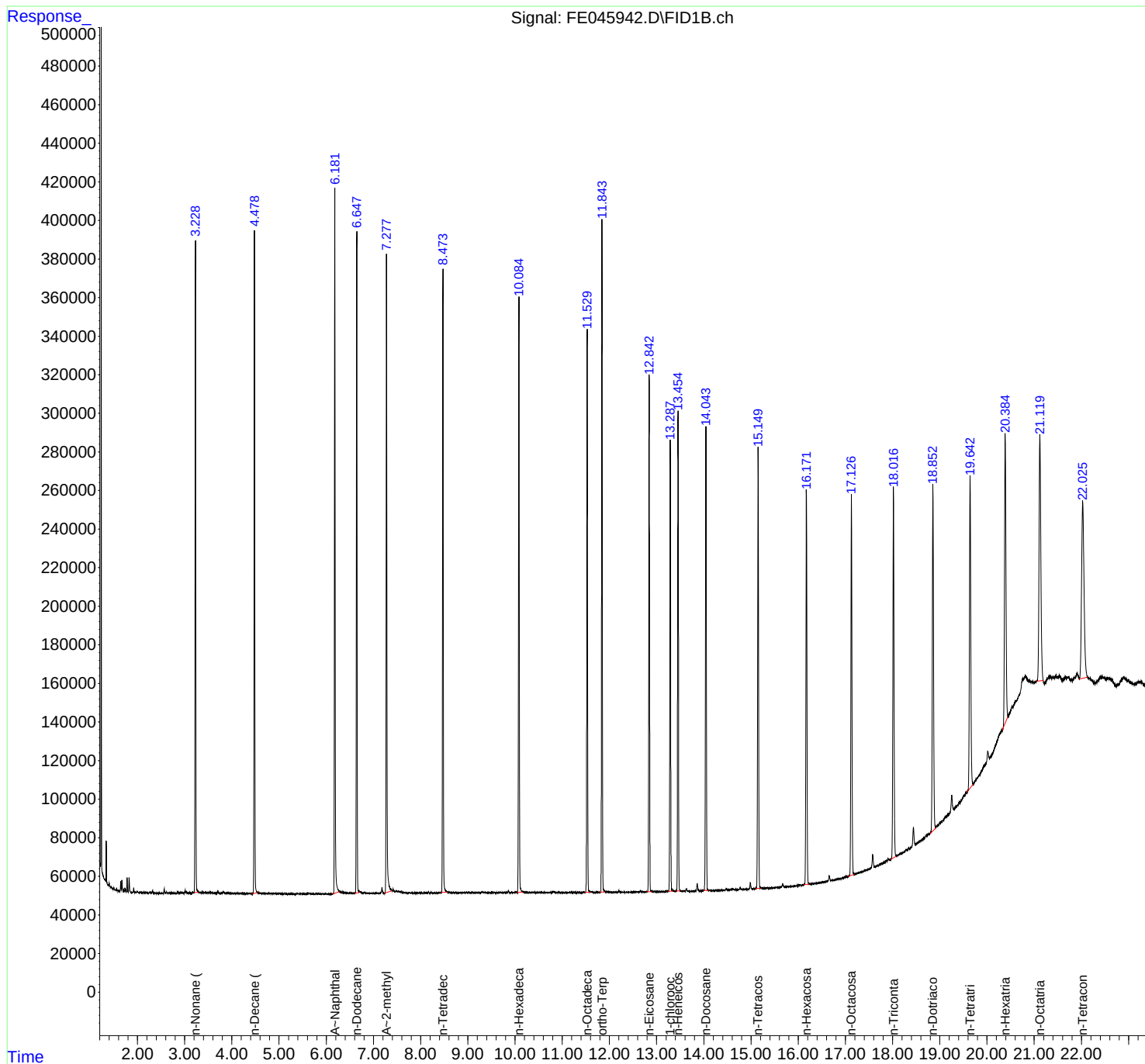
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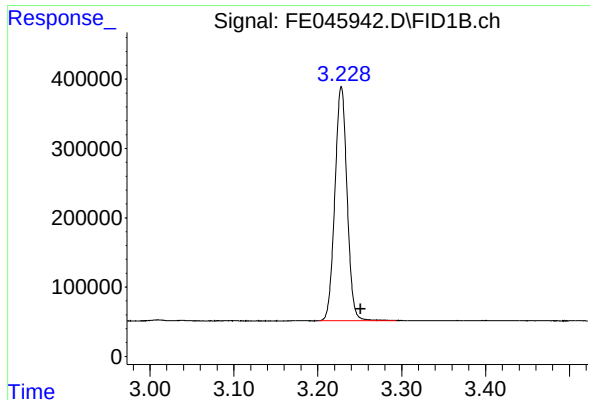
(m)=manual int.

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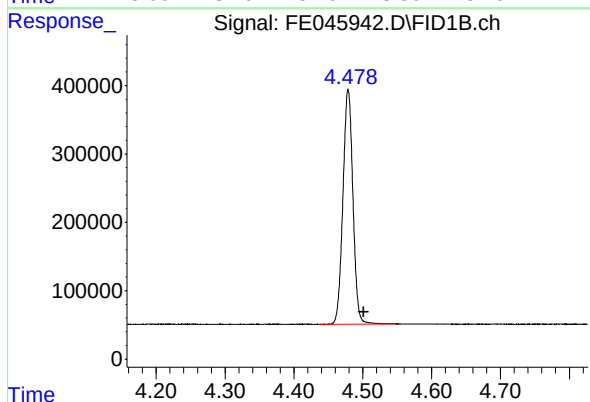
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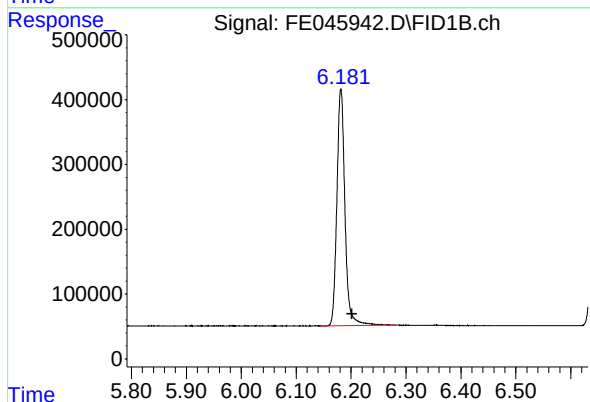
#1 n-Nonane (C9)

R.T.: 3.228 min
Delta R.T.: -0.023 min
Response: 3404347
Conc: 21.47 ug/ml



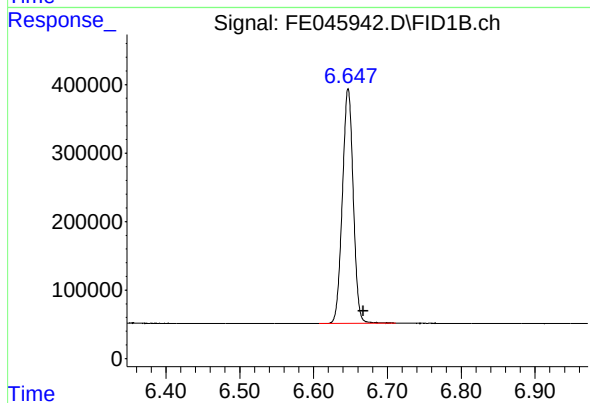
#2 n-Decane (C10)

R.T.: 4.479 min
Delta R.T.: -0.022 min
Response: 3459863
Conc: 21.61 ug/ml



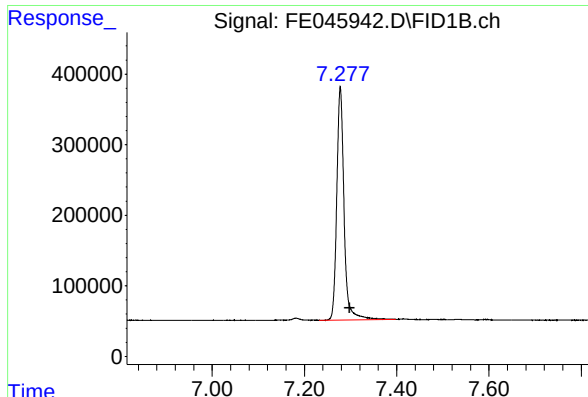
#3 A~Naphthalene (C11.7)

R.T.: 6.182 min
Delta R.T.: -0.020 min
Response: 3735887
Conc: 21.45 ug/ml



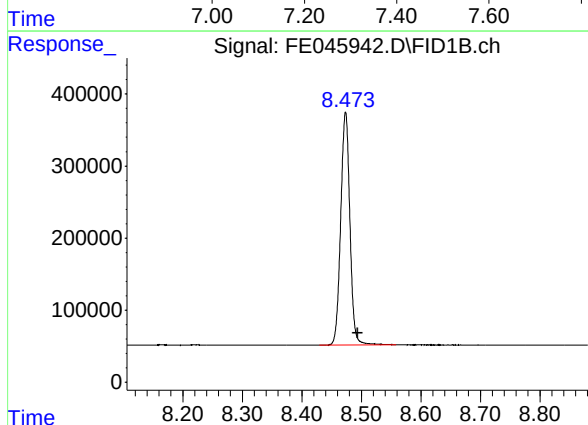
#4 n-Dodecane (C12)

R.T.: 6.647 min
Delta R.T.: -0.020 min
Response: 3502649
Conc: 21.68 ug/ml



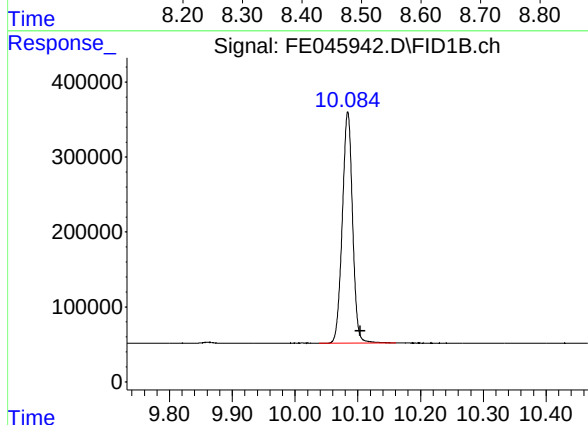
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.278 min
Delta R.T.: -0.020 min
Response: 3622178
Conc: 21.33 ug/ml



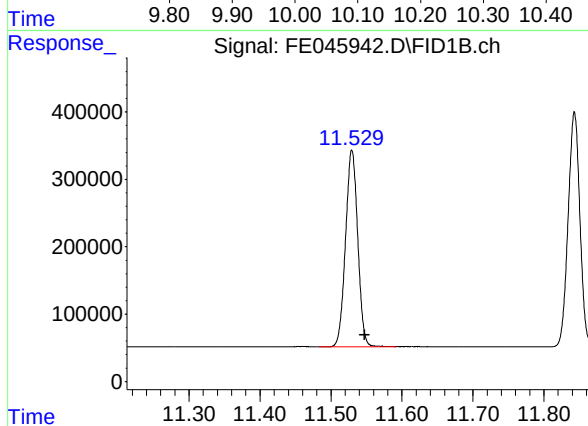
#6 n-Tetradecane (C14)

R.T.: 8.474 min
Delta R.T.: -0.021 min
Response: 3463367
Conc: 21.59 ug/ml



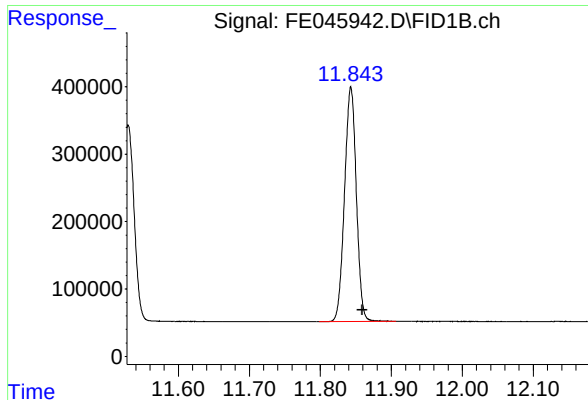
#7 n-Hexadecane (C16)

R.T.: 10.084 min
Delta R.T.: -0.020 min
Response: 3505350
Conc: 21.17 ug/ml



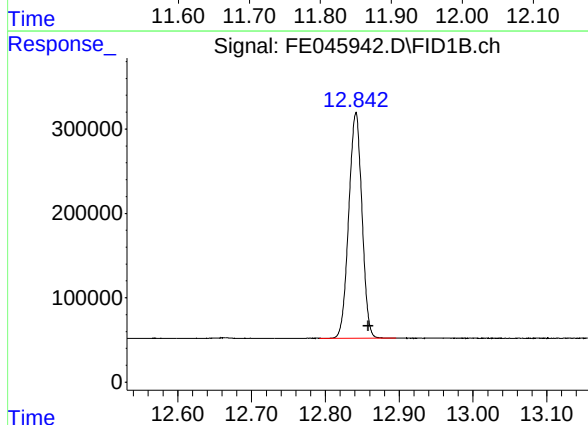
#8 n-Octadecane (C18)

R.T.: 11.529 min
Delta R.T.: -0.018 min
Response: 3477072
Conc: 20.28 ug/ml



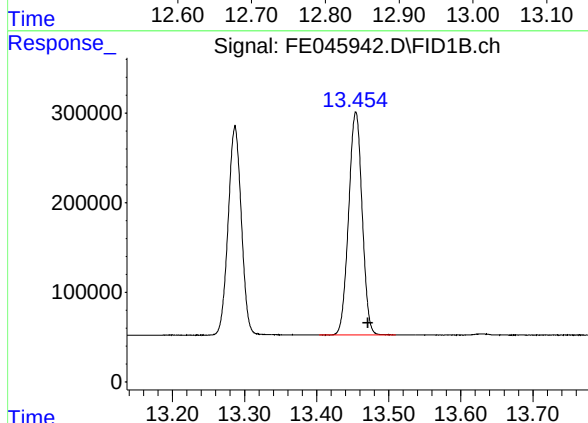
#9 ortho-Terphenyl (SURR)

R.T.: 11.843 min
Delta R.T.: -0.016 min
Response: 4016488
Conc: 19.21 ug/ml



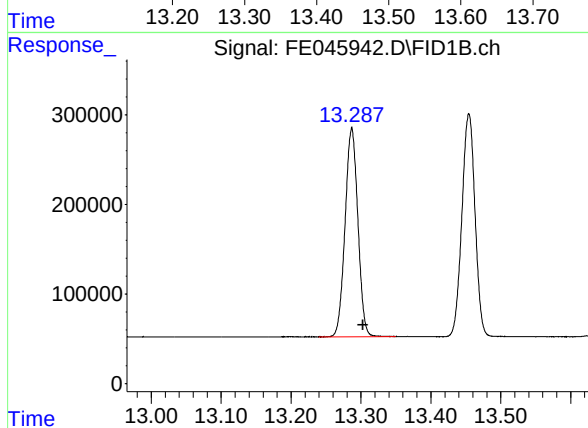
#10 n-Eicosane (C20)

R.T.: 12.841 min
Delta R.T.: -0.017 min
Response: 3320116
Conc: 19.19 ug/ml



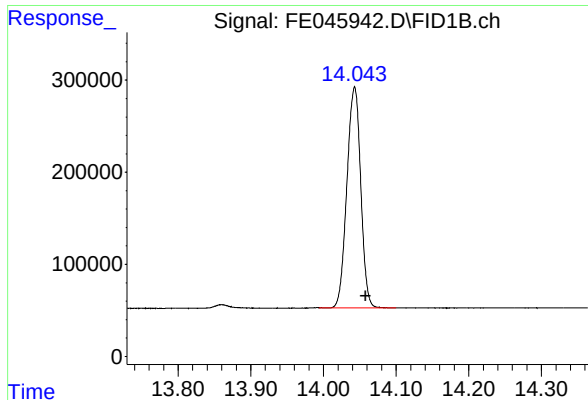
#11 n-Heneicosane (C21)

R.T.: 13.454 min
Delta R.T.: -0.017 min
Response: 3240451
Conc: 18.84 ug/ml



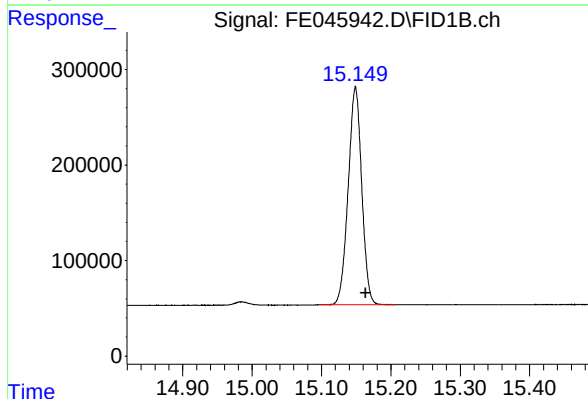
#12 1-chlorooctadecane (SURR)

R.T.: 13.287 min
Delta R.T.: -0.016 min
Response: 2960691
Conc: 18.82 ug/ml



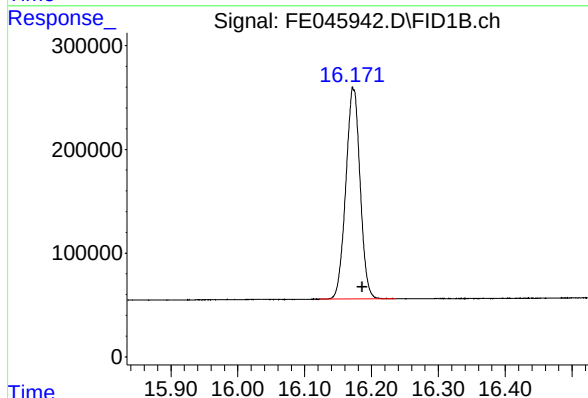
#13 n-Docosane (C22)

R.T.: 14.043 min
Delta R.T.: -0.015 min
Response: 3174945
Conc: 18.41 ug/ml



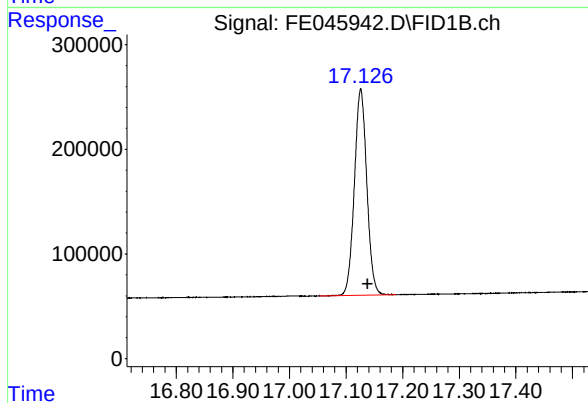
#14 n-Tetracosane (C24)

R.T.: 15.149 min
Delta R.T.: -0.015 min
Response: 3092568
Conc: 17.71 ug/ml



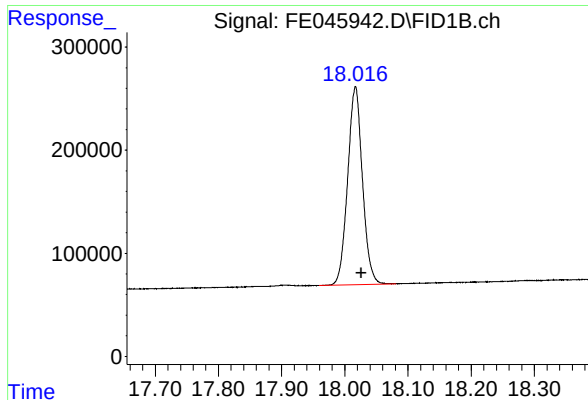
#15 n-Hexacosane (C26)

R.T.: 16.173 min
Delta R.T.: -0.013 min
Response: 3024043
Conc: 17.36 ug/ml



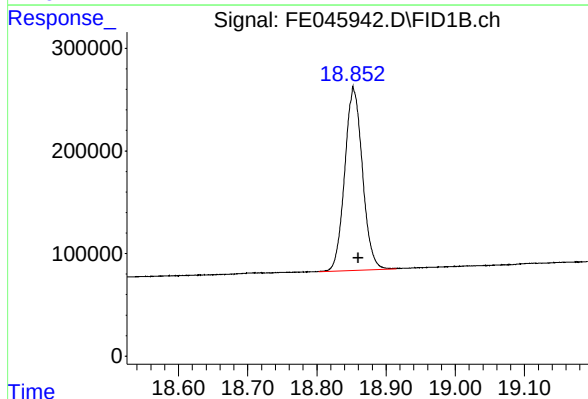
#16 n-Octacosane (C28)

R.T.: 17.126 min
Delta R.T.: -0.012 min
Response: 3009689
Conc: 17.41 ug/ml



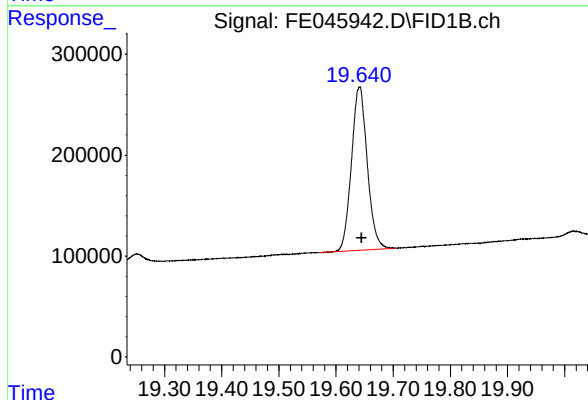
#17 n-Tricontane (C30)

R.T.: 18.017 min
Delta R.T.: -0.009 min
Response: 3118592
Conc: 17.83 ug/ml



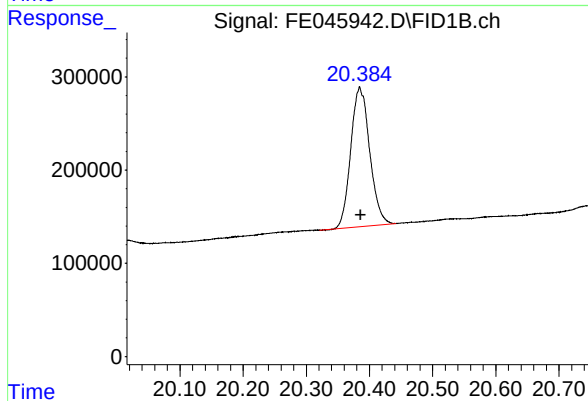
#18 n-Dotriacontane (C32)

R.T.: 18.852 min
Delta R.T.: -0.008 min
Response: 3170888
Conc: 17.38 ug/ml m



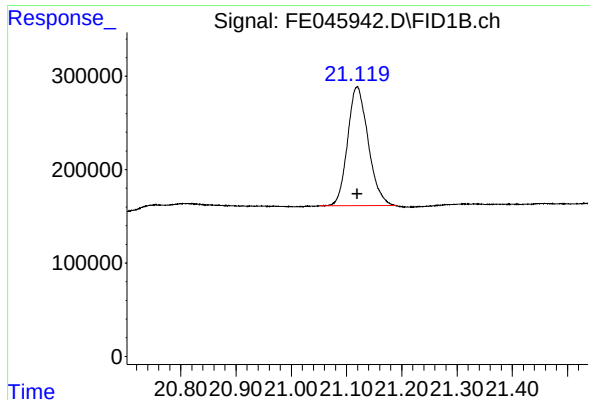
#19 n-Tetratriacontane (C34)

R.T.: 19.641 min
Delta R.T.: -0.003 min
Response: 3107372
Conc: 18.73 ug/ml



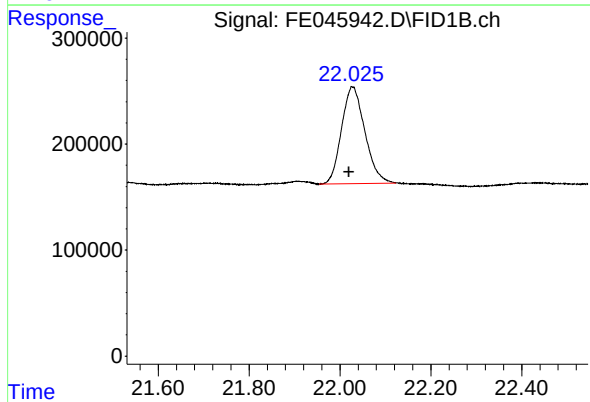
#20 n-Hexatriacontane (C36)

R.T.: 20.384 min
Delta R.T.: -0.002 min
Response: 3102575
Conc: 19.55 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.119 min
Delta R.T.: 0.000 min
Response: 3307954
Conc: 21.09 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.025 min
Delta R.T.: 0.005 min
Response: 3266523
Conc: 22.99 ug/ml m