

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE041124AL\
 Data File : FE047567.D
 Signal(s) : FID1B.ch
 Acq On : 11 Apr 2024 12:36
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 12 01:20:20 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 040224.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 02 05:28:28 2024
 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)	11.991	3485504	20.096 ug/ml
Spiked Amount 50.000		Recovery =	40.19%
12) S 1-chlorooctadecane (S...	13.424	2703637	20.102 ug/ml
Spiked Amount 50.000		Recovery =	40.20%
Target Compounds			
1) T n-Nonane (C9)	3.366	3214455	20.546 ug/ml
2) T n-Decane (C10)	4.619	3277631	20.394 ug/ml
3) T A~Naphthalene (C11.7)	6.330	3461750	20.417 ug/ml
4) T n-Dodecane (C12)	6.786	3290693	20.274 ug/ml
5) T A~2-methylnaphthalene...	7.426	3331506	20.287 ug/ml
6) T n-Tetradecane (C14)	8.615	3254791	20.232 ug/ml
7) T n-Hexadecane (C16)	10.224	3348886	20.165 ug/ml
8) T n-Octadecane (C18)	11.668	3373781	20.118 ug/ml
10) T n-Eicosane (C20)	12.978	3242072	20.012 ug/ml
11) T n-Heneicosane (C21)	13.591	3185662	20.077 ug/ml
13) T n-Docosane (C22)	14.177	3185645	19.851 ug/ml
14) T n-Tetracosane (C24)	15.280	3212824	19.464 ug/ml
15) T n-Hexacosane (C26)	16.301	3192628	19.315 ug/ml
16) T n-Octacosane (C28)	17.250	3189391	19.246 ug/ml
17) T n-Tricontane (C30)	18.139	3297531	19.423 ug/ml
18) T n-Dotriacontane (C32)	18.971	3310897	19.855 ug/ml
19) T n-Tetratriacontane (C34)	19.756	3242193	20.215 ug/ml
20) T n-Hexatriacontane (C36)	20.495	3308195	20.741 ug/ml
21) T n-Octatriacontane (C38)	21.242	3349369	20.608 ug/ml
22) T n-Tetracontane (C40)	22.177	2985333	18.234 ug/ml

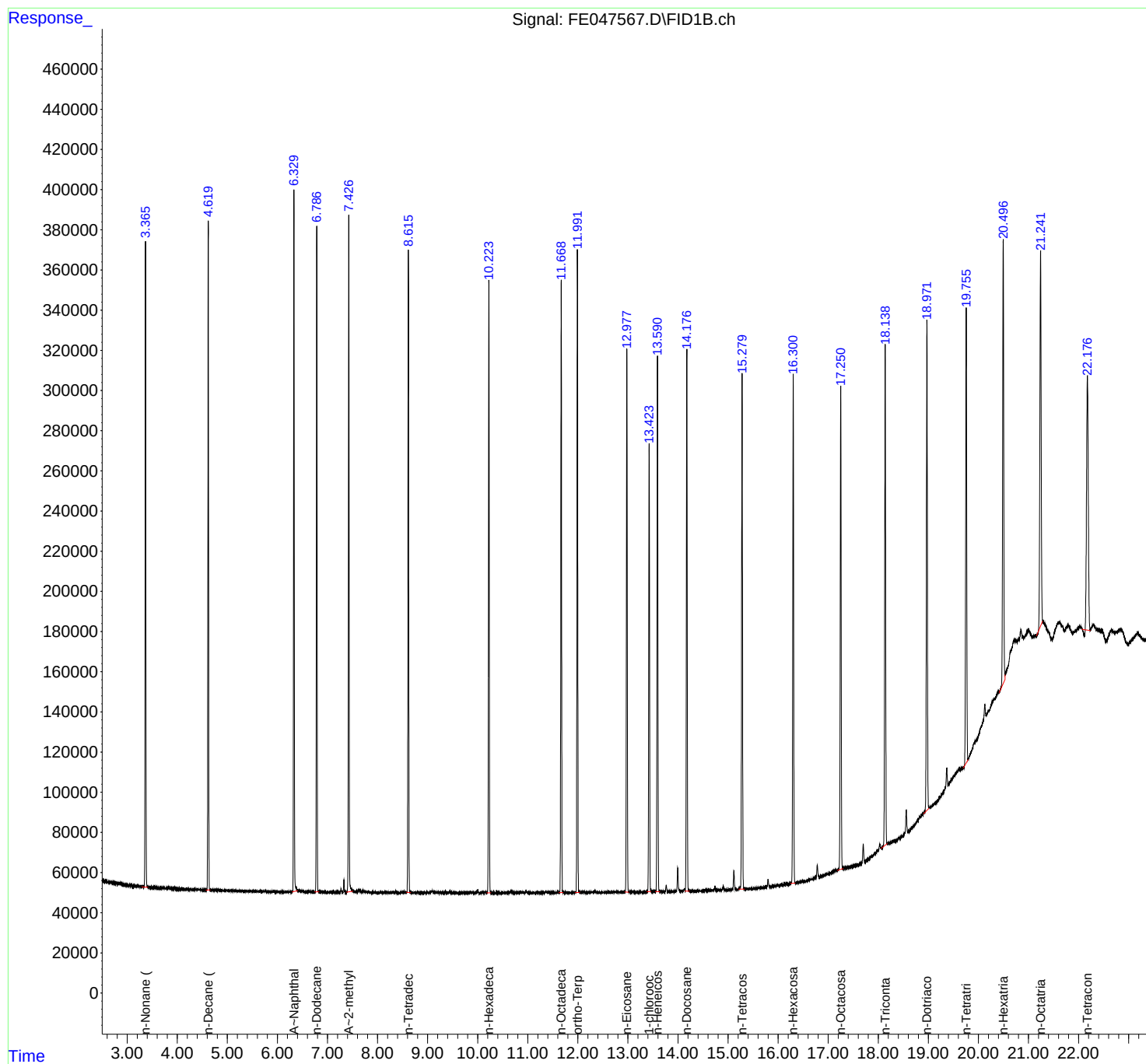
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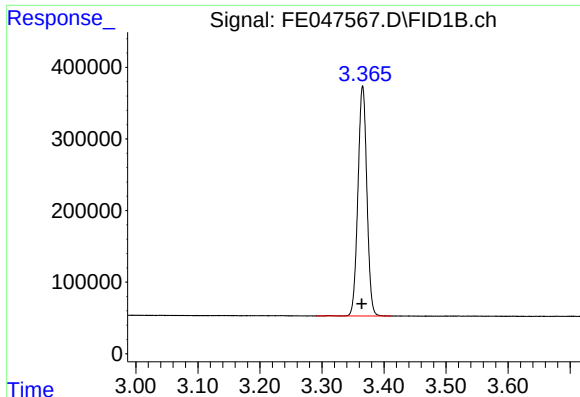
(m)=manual int.

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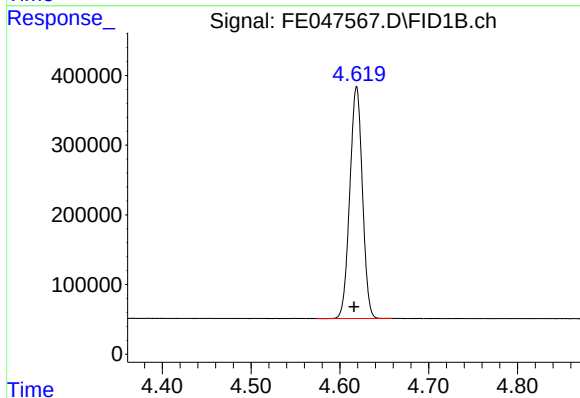
Volume Inj. : 1 uL
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





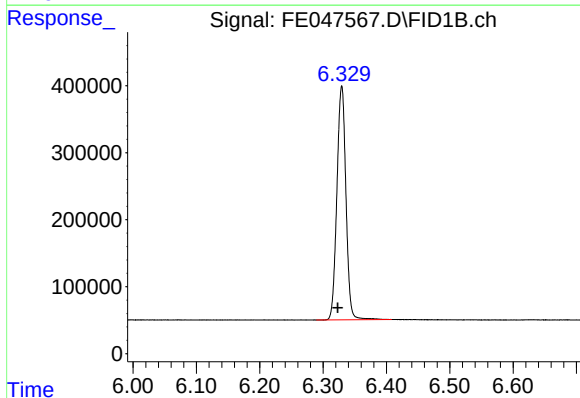
#1 n-Nonane (C9)

R.T.: 3.366 min
Delta R.T.: 0.002 min
Response: 3214455
Conc: 20.55 ug/ml



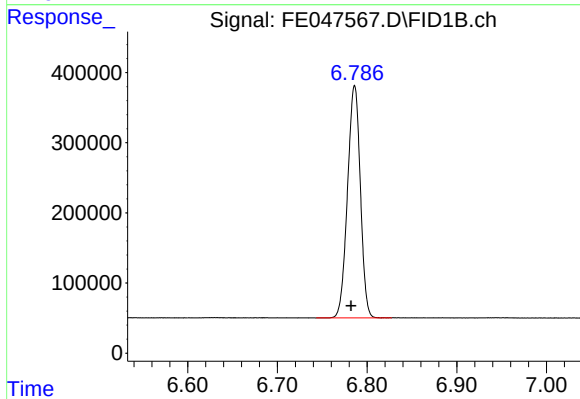
#2 n-Decane (C10)

R.T.: 4.619 min
Delta R.T.: 0.003 min
Response: 3277631
Conc: 20.39 ug/ml



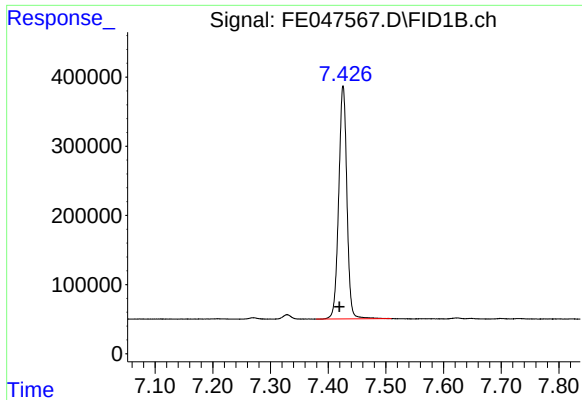
#3 A~Naphthalene (C11.7)

R.T.: 6.330 min
Delta R.T.: 0.006 min
Response: 3461750
Conc: 20.42 ug/ml



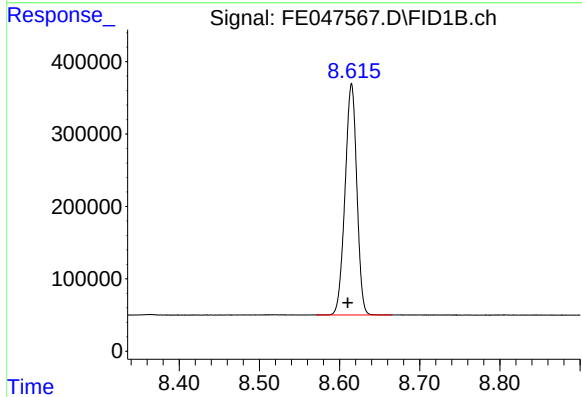
#4 n-Dodecane (C12)

R.T.: 6.786 min
Delta R.T.: 0.004 min
Response: 3290693
Conc: 20.27 ug/ml



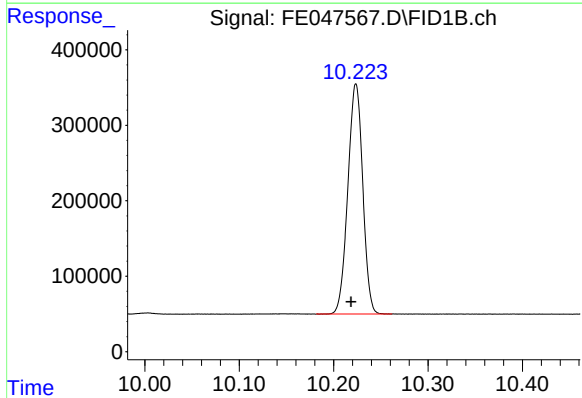
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.426 min
Delta R.T.: 0.006 min
Response: 3331506
Conc: 20.29 ug/ml



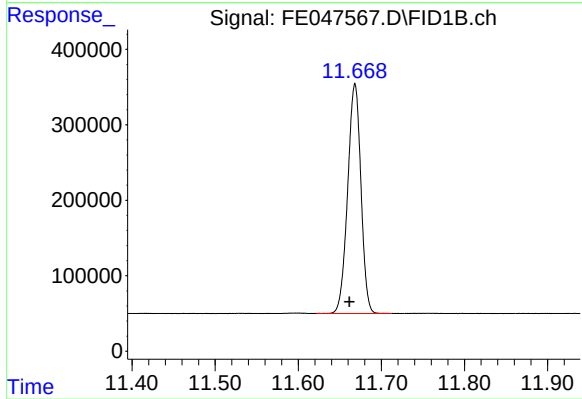
#6 n-Tetradecane (C14)

R.T.: 8.615 min
Delta R.T.: 0.005 min
Response: 3254791
Conc: 20.23 ug/ml



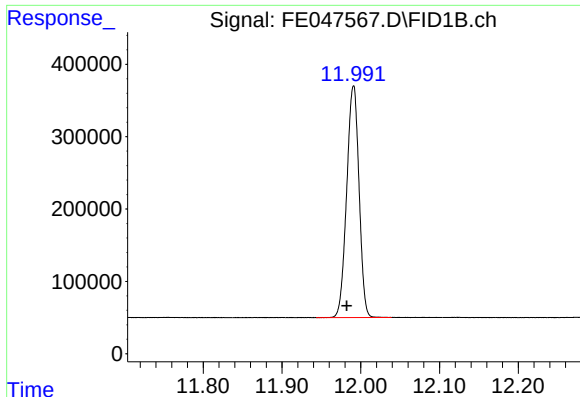
#7 n-Hexadecane (C16)

R.T.: 10.224 min
Delta R.T.: 0.005 min
Response: 3348886
Conc: 20.16 ug/ml



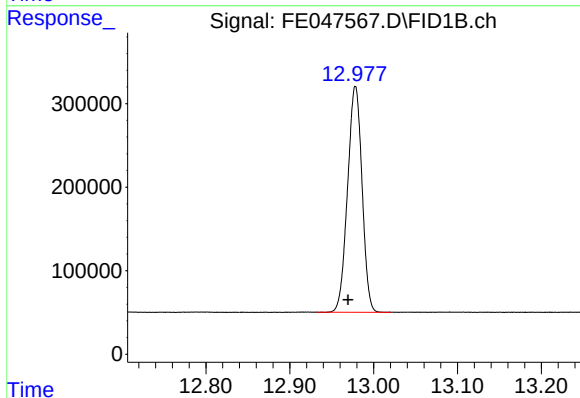
#8 n-Octadecane (C18)

R.T.: 11.668 min
Delta R.T.: 0.007 min
Response: 3373781
Conc: 20.12 ug/ml



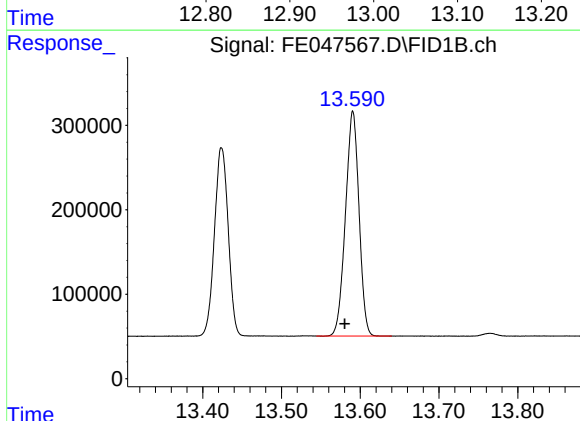
#9 ortho-Terphenyl (SURR)

R.T.: 11.991 min
Delta R.T.: 0.009 min
Response: 3485504
Conc: 20.10 ug/ml



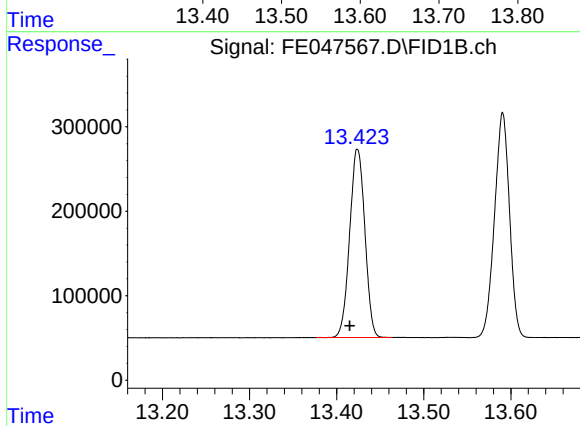
#10 n-Eicosane (C20)

R.T.: 12.978 min
Delta R.T.: 0.009 min
Response: 3242072
Conc: 20.01 ug/ml



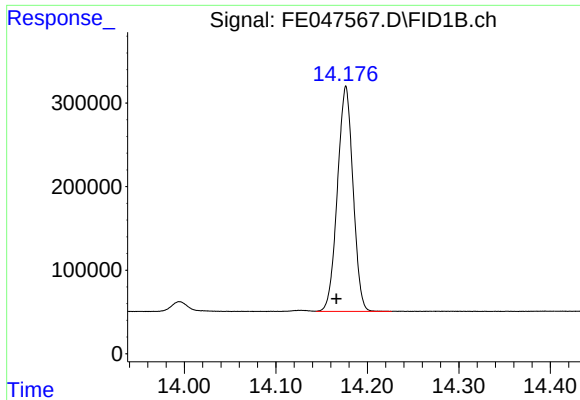
#11 n-Heneicosane (C21)

R.T.: 13.591 min
Delta R.T.: 0.010 min
Response: 3185662
Conc: 20.08 ug/ml



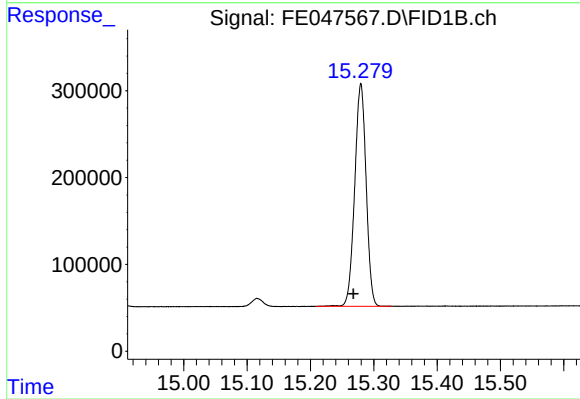
#12 1-chlorooctadecane (SURR)

R.T.: 13.424 min
Delta R.T.: 0.009 min
Response: 2703637
Conc: 20.10 ug/ml



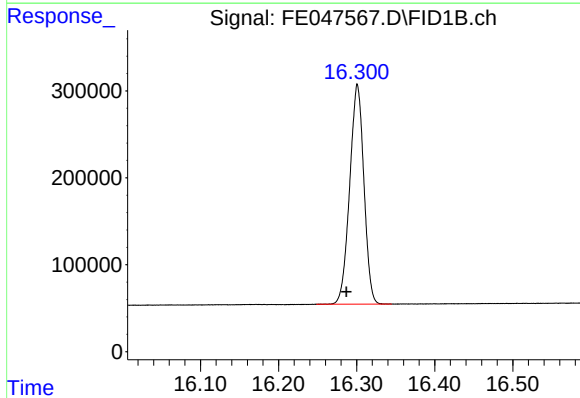
#13 n-Docosane (C22)

R.T.: 14.177 min
Delta R.T.: 0.010 min
Response: 3185645
Conc: 19.85 ug/ml



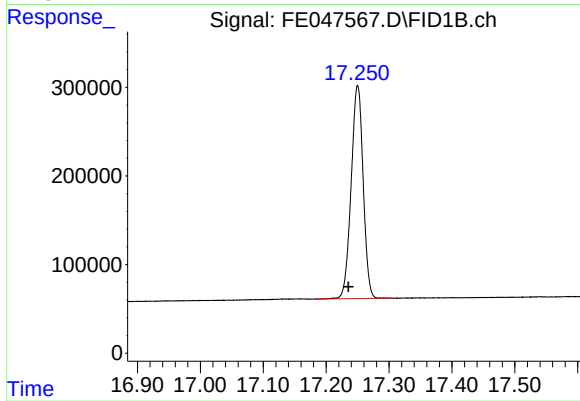
#14 n-Tetracosane (C24)

R.T.: 15.280 min
Delta R.T.: 0.012 min
Response: 3212824
Conc: 19.46 ug/ml



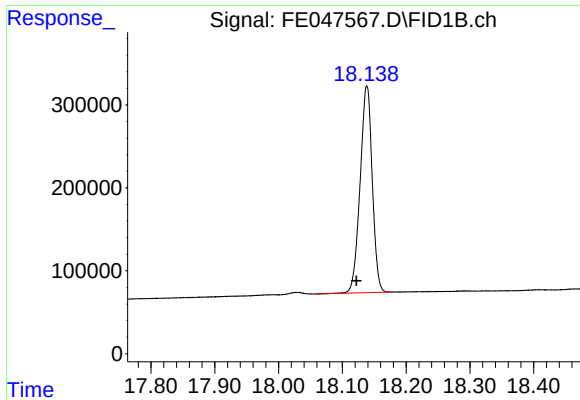
#15 n-Hexacosane (C26)

R.T.: 16.301 min
Delta R.T.: 0.014 min
Response: 3192628
Conc: 19.31 ug/ml



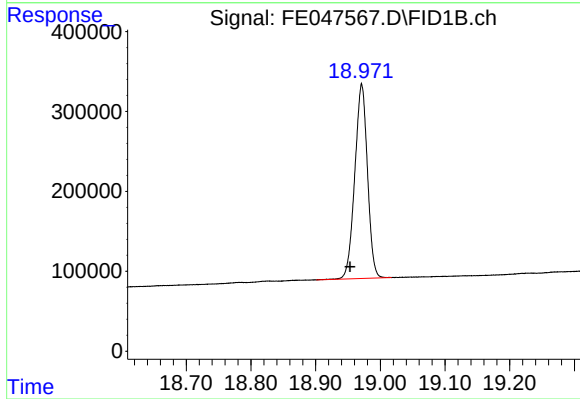
#16 n-Octacosane (C28)

R.T.: 17.250 min
Delta R.T.: 0.015 min
Response: 3189391
Conc: 19.25 ug/ml



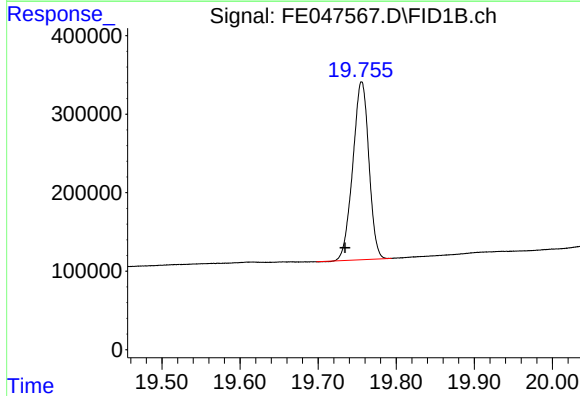
#17 n-Tricontane (C30)

R.T.: 18.139 min
Delta R.T.: 0.016 min
Response: 3297531
Conc: 19.42 ug/ml



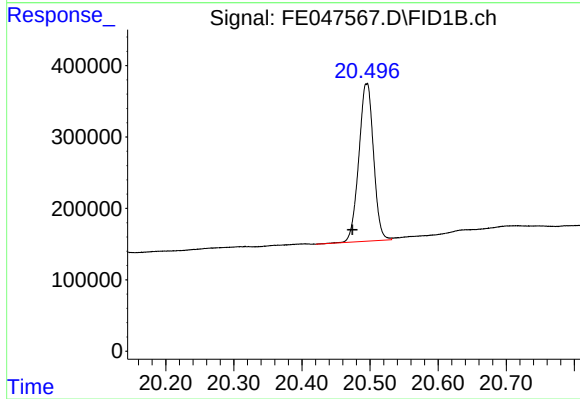
#18 n-Dotriacontane (C32)

R.T.: 18.971 min
Delta R.T.: 0.018 min
Response: 3310897
Conc: 19.86 ug/ml



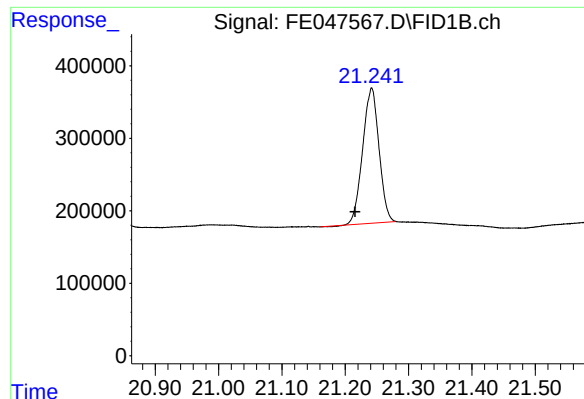
#19 n-Tetratriacontane (C34)

R.T.: 19.756 min
Delta R.T.: 0.021 min
Response: 3242193
Conc: 20.21 ug/ml



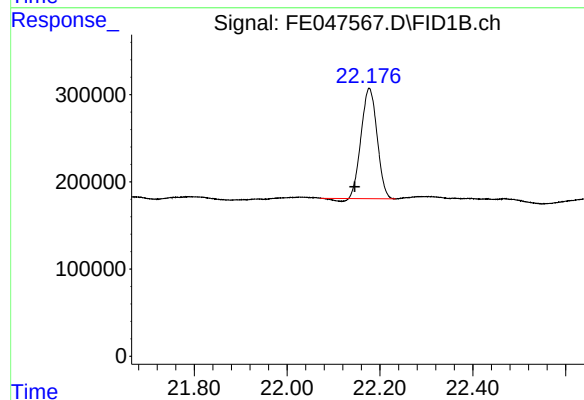
#20 n-Hexatriacontane (C36)

R.T.: 20.495 min
Delta R.T.: 0.021 min
Response: 3308195
Conc: 20.74 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.242 min
Delta R.T.: 0.026 min
Response: 3349369
Conc: 20.61 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.177 min
Delta R.T.: 0.031 min
Response: 2985333
Conc: 18.23 ug/ml