

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE041524AL\
 Data File : FE047617.D
 Signal(s) : FID1B.ch
 Acq On : 15 Apr 2024 09:09
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Apr 16 06:36:19 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	3683517	21.237 ug/ml
Spiked Amount 50.000		Recovery =	42.47%
12) S 1-chlorooctadecane (S...	13.425	2849805	21.189 ug/ml
Spiked Amount 50.000		Recovery =	42.38%
Target Compounds			
1) T n-Nonane (C9)	3.366	3436175	21.964 ug/ml
2) T n-Decane (C10)	4.619	3519384	21.898 ug/ml
3) T A~Naphthalene (C11.7)	6.330	3673071	21.663 ug/ml
4) T n-Dodecane (C12)	6.785	3518929	21.681 ug/ml
5) T A~2-methylnaphthalene...	7.426	3520286	21.436 ug/ml
6) T n-Tetradecane (C14)	8.615	3461437	21.517 ug/ml
7) T n-Hexadecane (C16)	10.224	3550495	21.379 ug/ml
8) T n-Octadecane (C18)	11.669	3568203	21.278 ug/ml
10) T n-Eicosane (C20)	12.979	3432318	21.187 ug/ml
11) T n-Heneicosane (C21)	13.591	3376830	21.281 ug/ml
13) T n-Docosane (C22)	14.177	3387161	21.106 ug/ml
14) T n-Tetracosane (C24)	15.280	3456313	20.939 ug/ml
15) T n-Hexacosane (C26)	16.302	3444594	20.839 ug/ml
16) T n-Octacosane (C28)	17.251	3460125	20.880 ug/mlm
17) T n-Tricontane (C30)	18.140	3659858	21.557 ug/ml
18) T n-Dotriacontane (C32)	18.971	3670505	22.012 ug/ml
19) T n-Tetratriacontane (C34)	19.754	3752823	23.399 ug/mlm
20) T n-Hexatriacontane (C36)	20.495	3818322	23.940 ug/mlm
21) T n-Octatriacontane (C38)	21.241	3647174	22.441 ug/ml
22) T n-Tetracontane (C40)	22.178	3397492	20.751 ug/ml

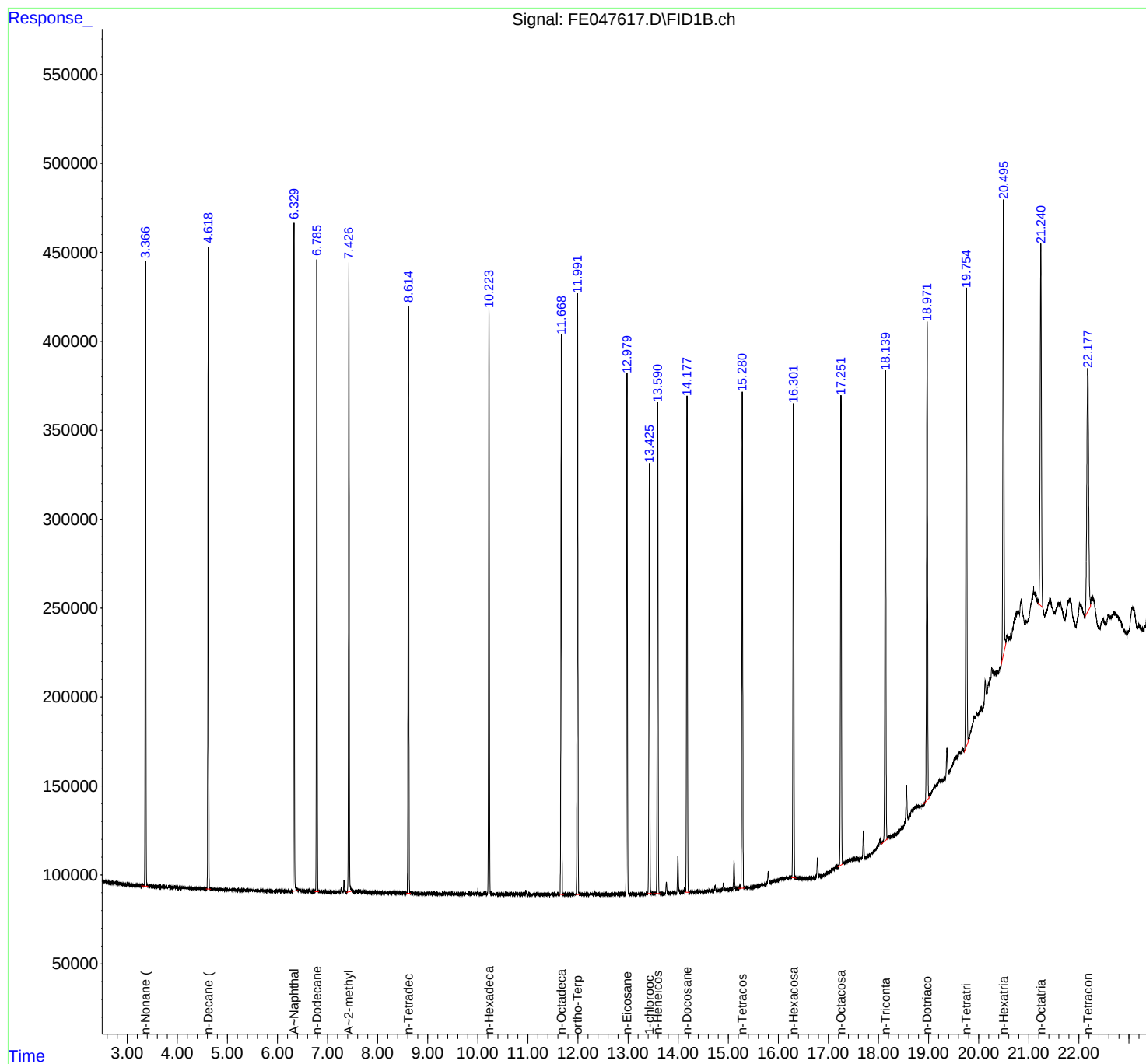
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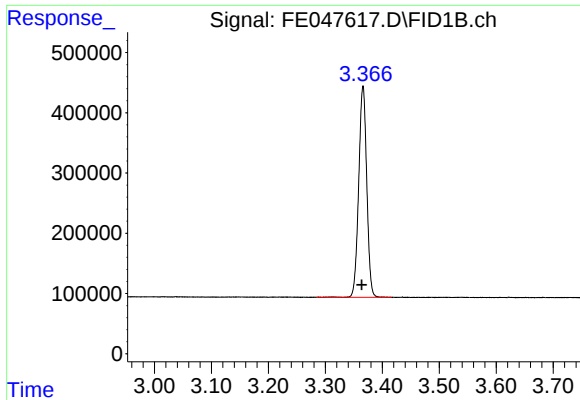
(m)=manual int.

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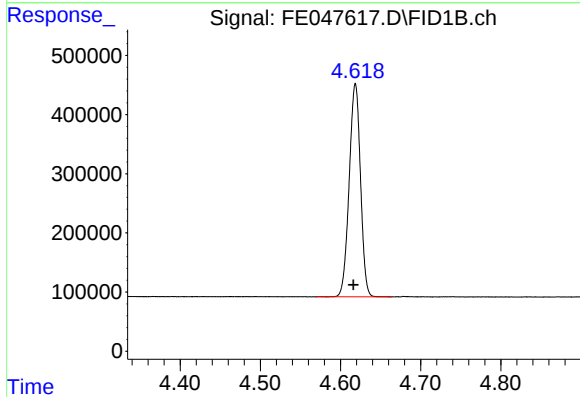
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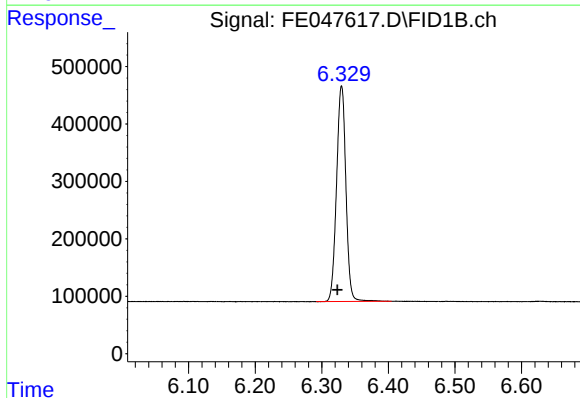
#1 n-Nonane (C9)

R.T.: 3.366 min
Delta R.T.: 0.002 min
Response: 3436175
Conc: 21.96 ug/ml



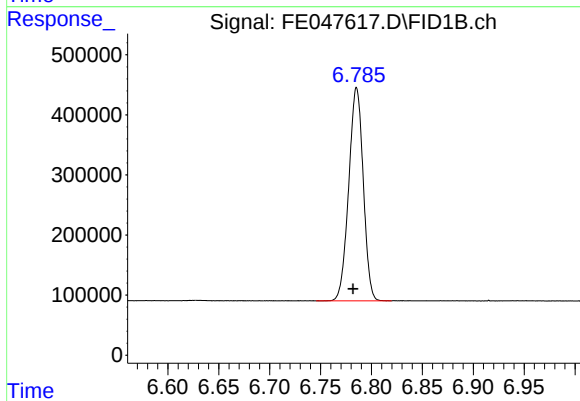
#2 n-Decane (C10)

R.T.: 4.619 min
Delta R.T.: 0.003 min
Response: 3519384
Conc: 21.90 ug/ml



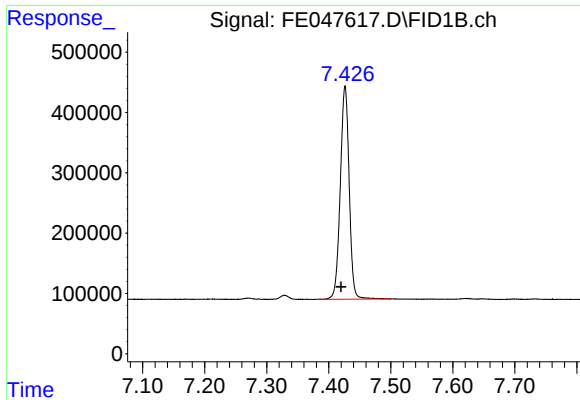
#3 A~Naphthalene (C11.7)

R.T.: 6.330 min
Delta R.T.: 0.006 min
Response: 3673071
Conc: 21.66 ug/ml



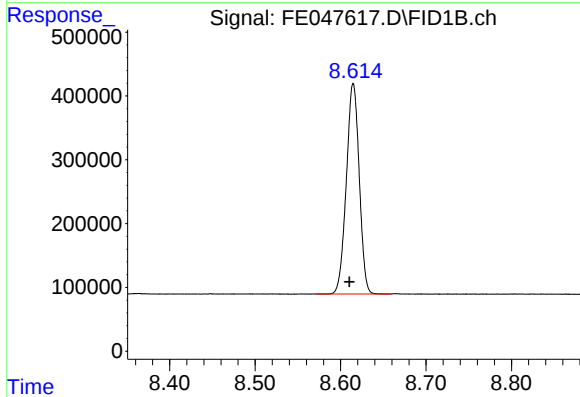
#4 n-Dodecane (C12)

R.T.: 6.785 min
Delta R.T.: 0.003 min
Response: 3518929
Conc: 21.68 ug/ml



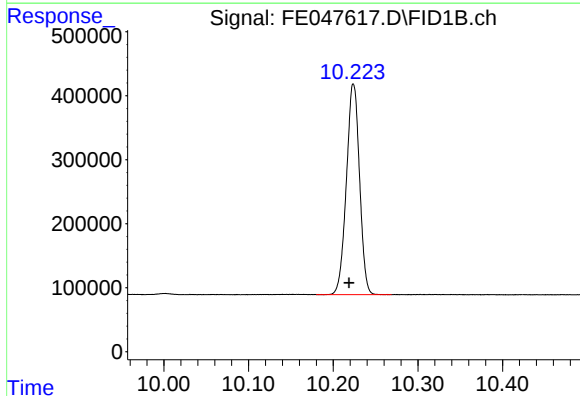
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.426 min
Delta R.T.: 0.007 min
Response: 3520286
Conc: 21.44 ug/ml



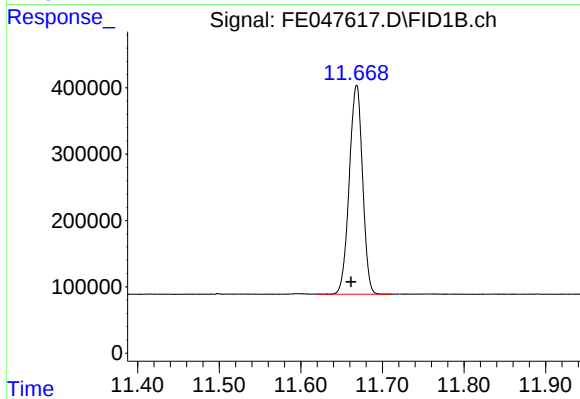
#6 n-Tetradecane (C14)

R.T.: 8.615 min
Delta R.T.: 0.004 min
Response: 3461437
Conc: 21.52 ug/ml



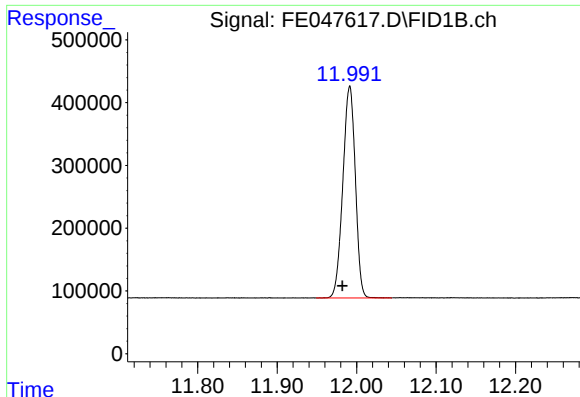
#7 n-Hexadecane (C16)

R.T.: 10.224 min
Delta R.T.: 0.005 min
Response: 3550495
Conc: 21.38 ug/ml



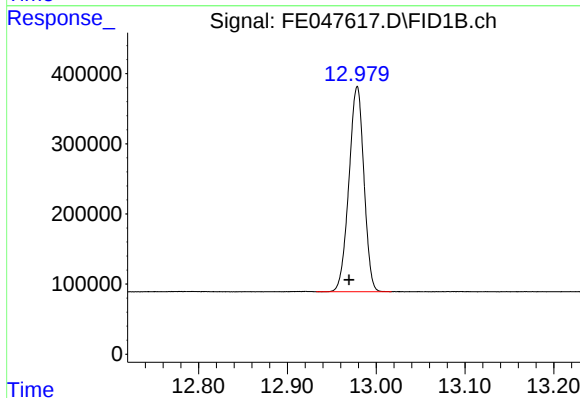
#8 n-Octadecane (C18)

R.T.: 11.669 min
Delta R.T.: 0.007 min
Response: 3568203
Conc: 21.28 ug/ml



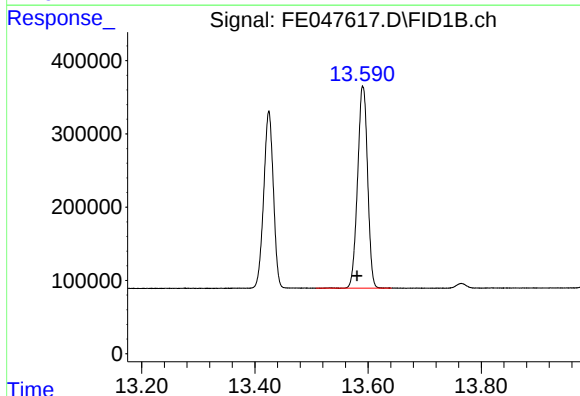
#9 ortho-Terphenyl (SURR)

R.T.: 11.991 min
Delta R.T.: 0.009 min
Response: 3683517
Conc: 21.24 ug/ml



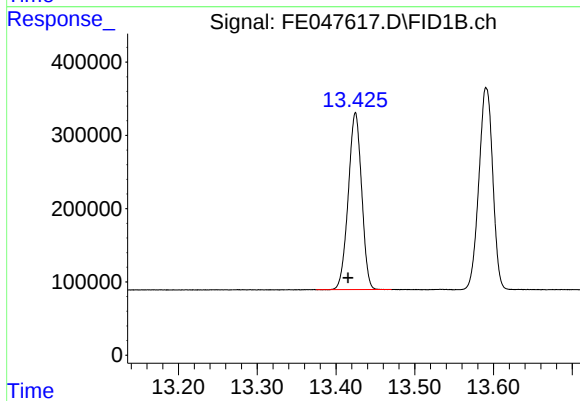
#10 n-Eicosane (C20)

R.T.: 12.979 min
Delta R.T.: 0.009 min
Response: 3432318
Conc: 21.19 ug/ml



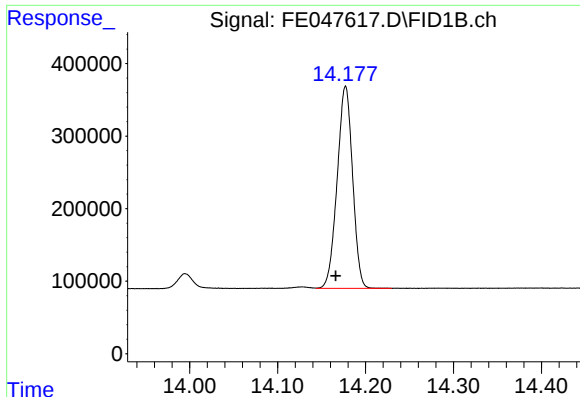
#11 n-Heneicosane (C21)

R.T.: 13.591 min
Delta R.T.: 0.010 min
Response: 3376830
Conc: 21.28 ug/ml



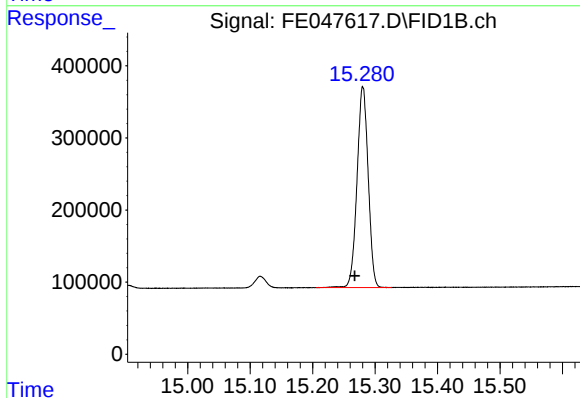
#12 1-chlorooctadecane (SURR)

R.T.: 13.425 min
Delta R.T.: 0.010 min
Response: 2849805
Conc: 21.19 ug/ml



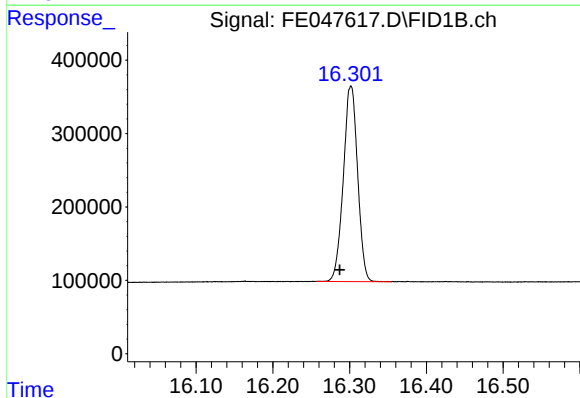
#13 n-Docosane (C22)

R.T.: 14.177 min
Delta R.T.: 0.011 min
Response: 3387161
Conc: 21.11 ug/ml



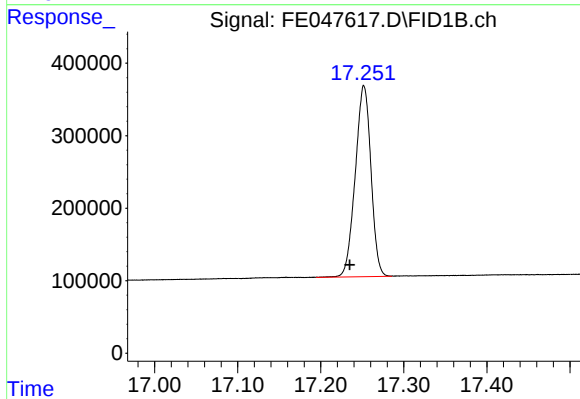
#14 n-Tetracosane (C24)

R.T.: 15.280 min
Delta R.T.: 0.013 min
Response: 3456313
Conc: 20.94 ug/ml



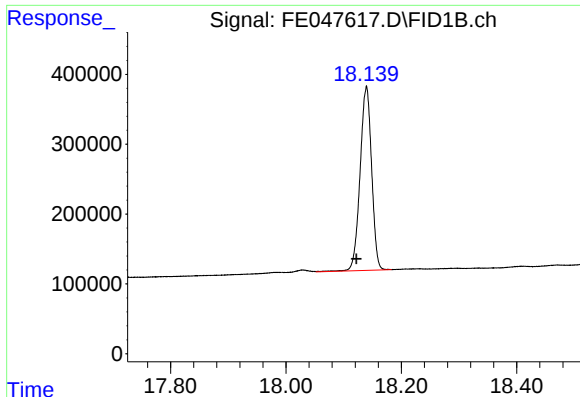
#15 n-Hexacosane (C26)

R.T.: 16.302 min
Delta R.T.: 0.015 min
Response: 3444594
Conc: 20.84 ug/ml



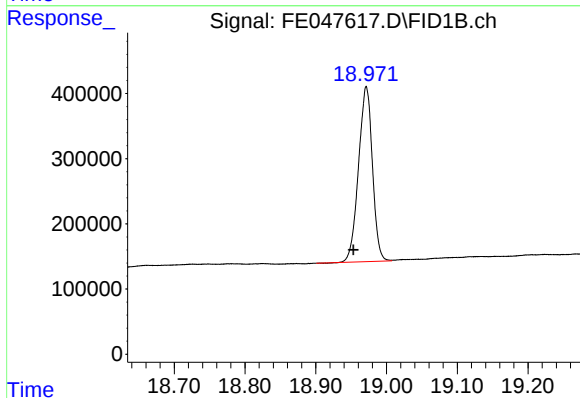
#16 n-Octacosane (C28)

R.T.: 17.251 min
Delta R.T.: 0.016 min
Response: 3460125
Conc: 20.88 ug/ml m



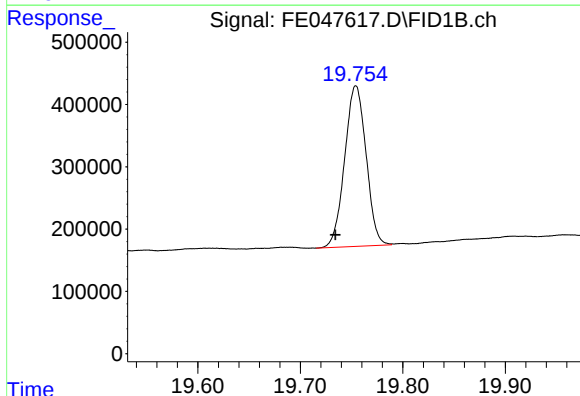
#17 n-Tricontane (C30)

R.T.: 18.140 min
Delta R.T.: 0.017 min
Response: 3659858
Conc: 21.56 ug/ml



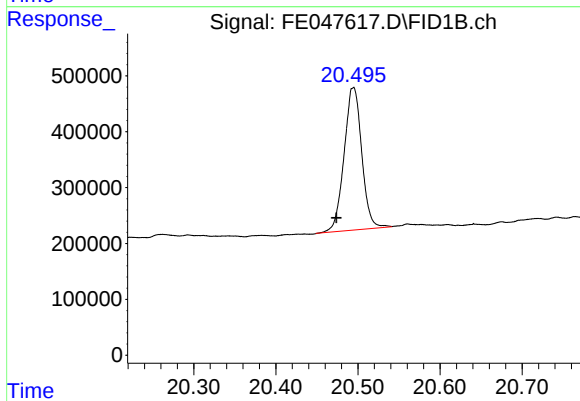
#18 n-Dotriacontane (C32)

R.T.: 18.971 min
Delta R.T.: 0.018 min
Response: 3670505
Conc: 22.01 ug/ml



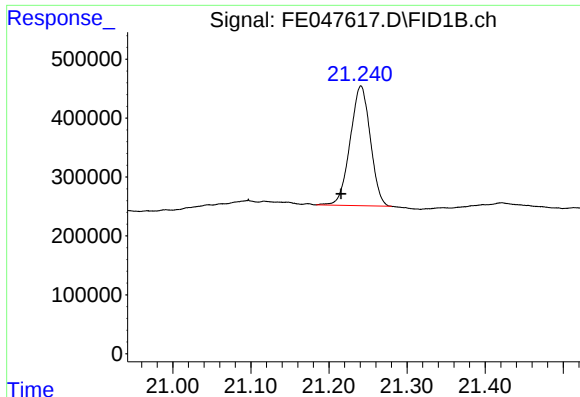
#19 n-Tetratriacontane (C34)

R.T.: 19.754 min
Delta R.T.: 0.019 min
Response: 3752823
Conc: 23.40 ug/ml m



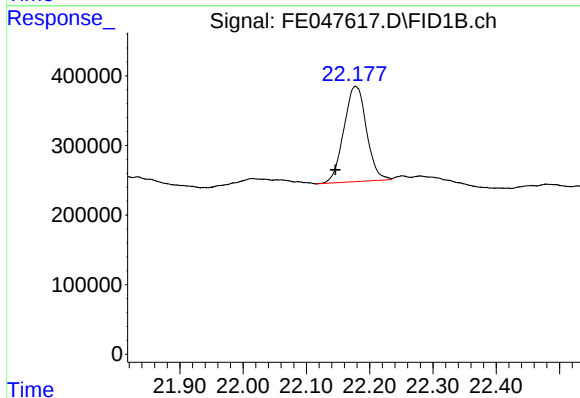
#20 n-Hexatriacontane (C36)

R.T.: 20.495 min
Delta R.T.: 0.021 min
Response: 3818322
Conc: 23.94 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.241 min
Delta R.T.: 0.025 min
Response: 3647174
Conc: 22.44 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.178 min
Delta R.T.: 0.032 min
Response: 3397492
Conc: 20.75 ug/ml