

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE041124AL\
 Data File : FE047588.D
 Signal(s) : FID1B.ch
 Acq On : 12 Apr 2024 01:30
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 12 02:10:54 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)	11.989	3450976	19.897 ug/ml
Spiked Amount 50.000		Recovery =	39.79%
12) S 1-chlorooctadecane (S...	13.423	2681741	19.939 ug/ml
Spiked Amount 50.000		Recovery =	39.88%
Target Compounds			
1) T n-Nonane (C9)	3.364	3144837	20.101 ug/ml
2) T n-Decane (C10)	4.617	3220062	20.035 ug/ml
3) T A~Naphthalene (C11.7)	6.327	3413747	20.134 ug/ml
4) T n-Dodecane (C12)	6.784	3234517	19.928 ug/ml
5) T A~2-methylnaphthalene...	7.424	3293831	20.057 ug/ml
6) T n-Tetradecane (C14)	8.613	3203533	19.913 ug/ml
7) T n-Hexadecane (C16)	10.223	3308081	19.919 ug/ml
8) T n-Octadecane (C18)	11.667	3338250	19.906 ug/ml
10) T n-Eicosane (C20)	12.977	3211349	19.823 ug/ml
11) T n-Heneicosane (C21)	13.589	3153277	19.873 ug/ml
13) T n-Docosane (C22)	14.175	3153482	19.650 ug/ml
14) T n-Tetracosane (C24)	15.278	3176548	19.244 ug/mlm
15) T n-Hexacosane (C26)	16.299	3161132	19.124 ug/ml
16) T n-Octacosane (C28)	17.249	3159636	19.067 ug/mlm
17) T n-Tricontane (C30)	18.136	3332129	19.627 ug/ml
18) T n-Dotriacontane (C32)	18.969	3291574	19.740 ug/ml
19) T n-Tetratriacontane (C34)	19.753	3288619	20.504 ug/ml
20) T n-Hexatriacontane (C36)	20.494	3499129	21.938 ug/mlm
21) T n-Octatriacontane (C38)	21.239	3410691	20.986 ug/mlm
22) T n-Tetracontane (C40)	22.175	3170623	19.366 ug/mlm

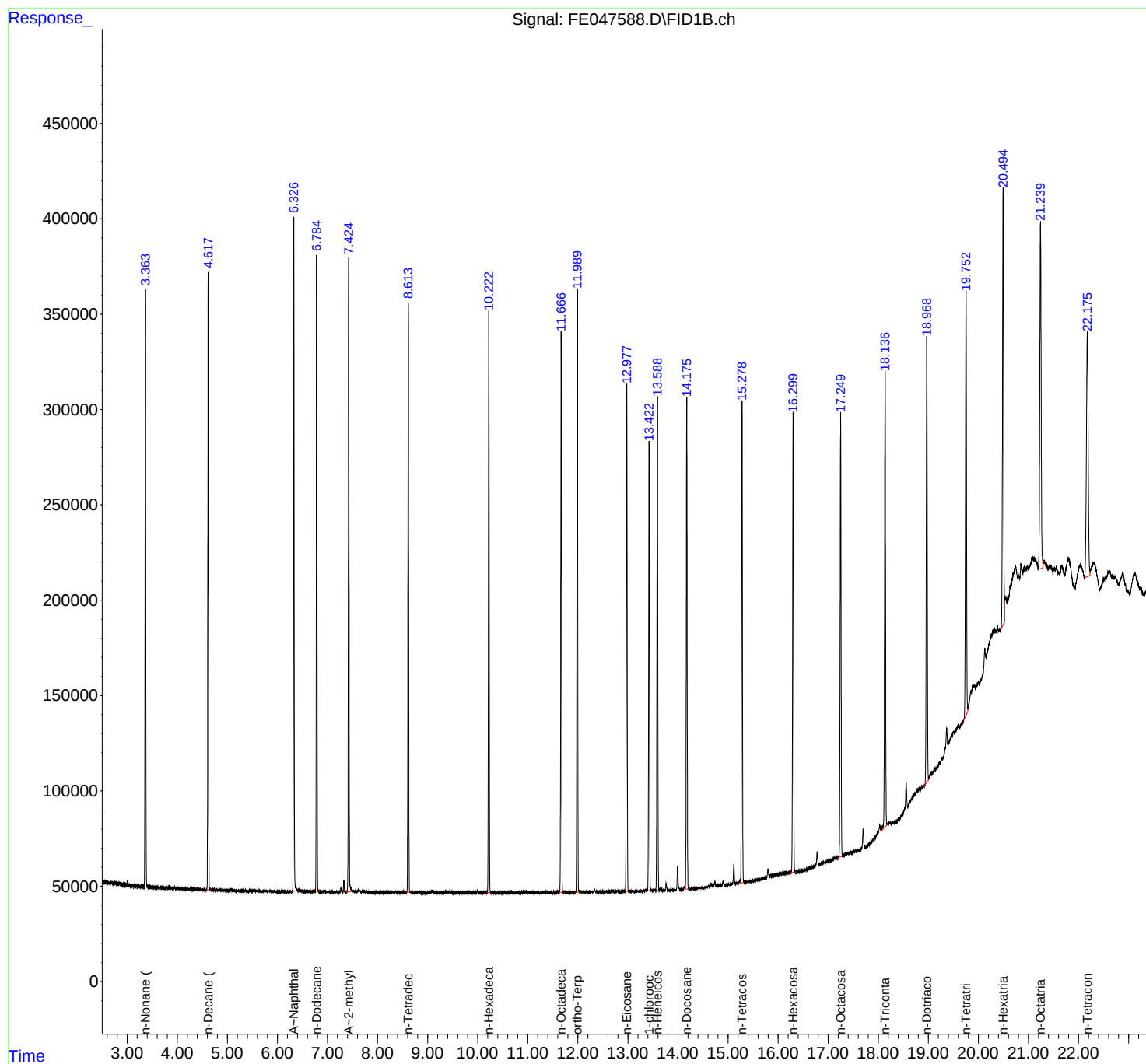
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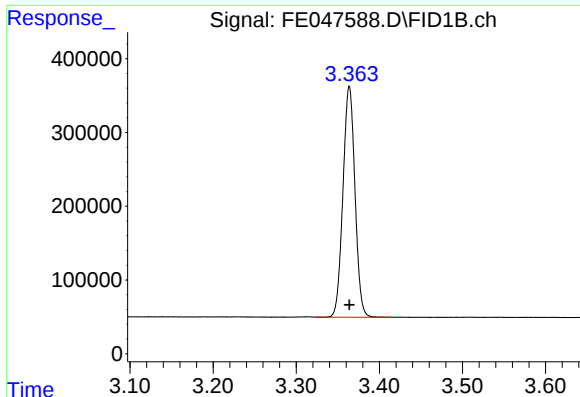
(m)=manual int.

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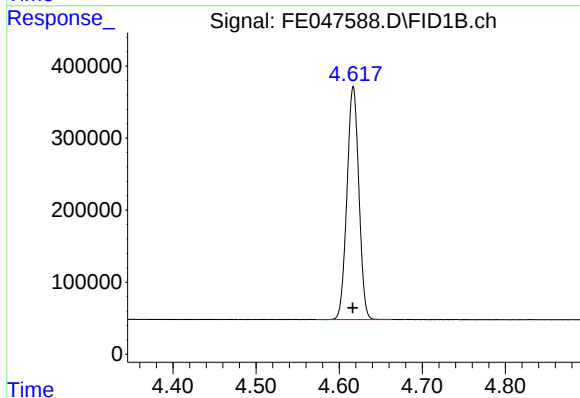
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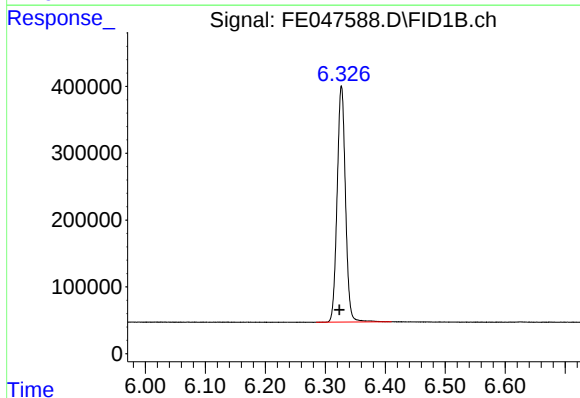
#1 n-Nonane (C9)

R.T.: 3.364 min
Delta R.T.: 0.000 min
Response: 3144837
Conc: 20.10 ug/ml



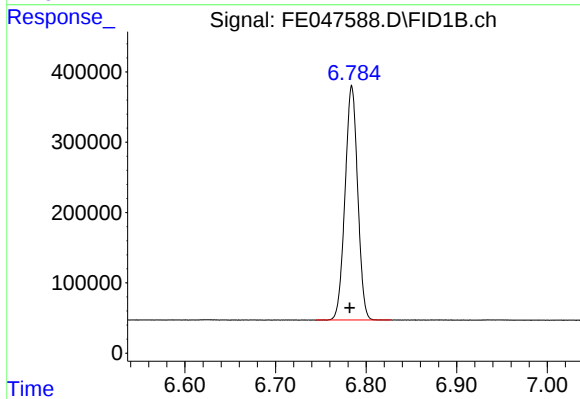
#2 n-Decane (C10)

R.T.: 4.617 min
Delta R.T.: 0.000 min
Response: 3220062
Conc: 20.04 ug/ml



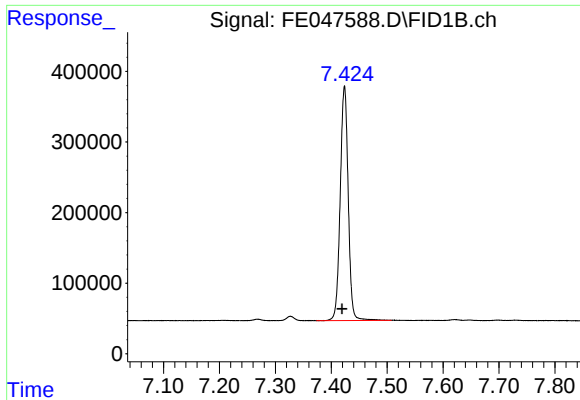
#3 A~Naphthalene (C11.7)

R.T.: 6.327 min
Delta R.T.: 0.004 min
Response: 3413747
Conc: 20.13 ug/ml



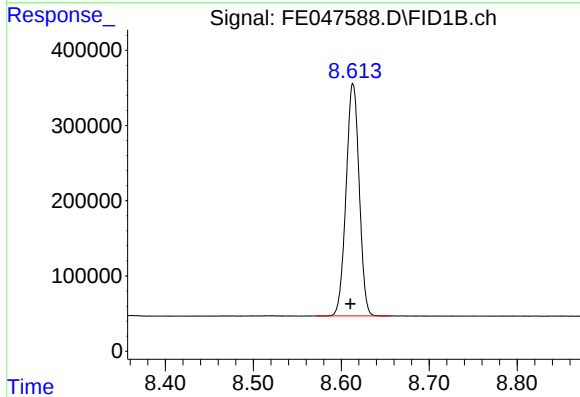
#4 n-Dodecane (C12)

R.T.: 6.784 min
Delta R.T.: 0.002 min
Response: 3234517
Conc: 19.93 ug/ml



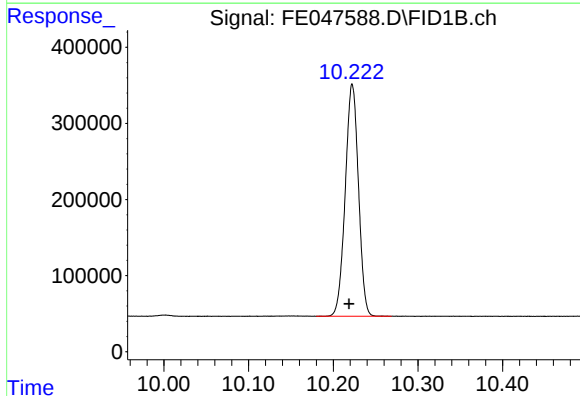
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.424 min
Delta R.T.: 0.004 min
Response: 3293831
Conc: 20.06 ug/ml



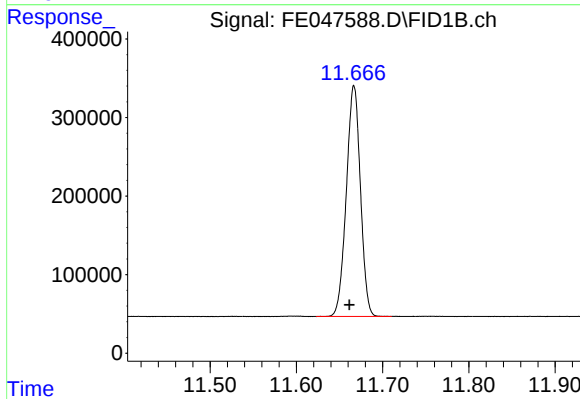
#6 n-Tetradecane (C14)

R.T.: 8.613 min
Delta R.T.: 0.003 min
Response: 3203533
Conc: 19.91 ug/ml



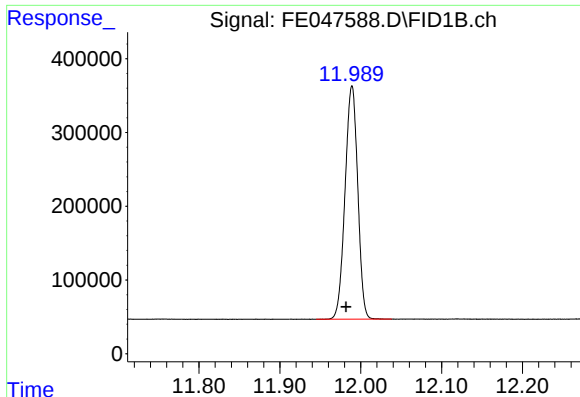
#7 n-Hexadecane (C16)

R.T.: 10.223 min
Delta R.T.: 0.004 min
Response: 3308081
Conc: 19.92 ug/ml



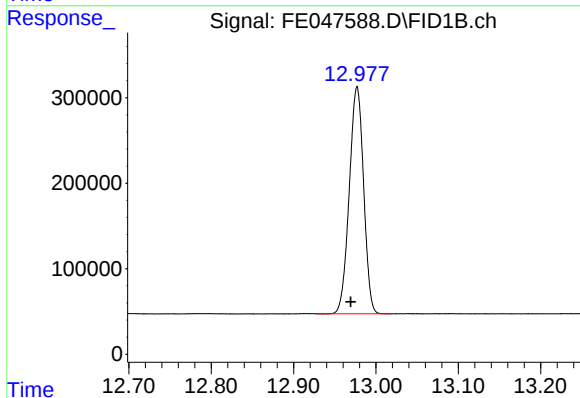
#8 n-Octadecane (C18)

R.T.: 11.667 min
Delta R.T.: 0.005 min
Response: 3338250
Conc: 19.91 ug/ml



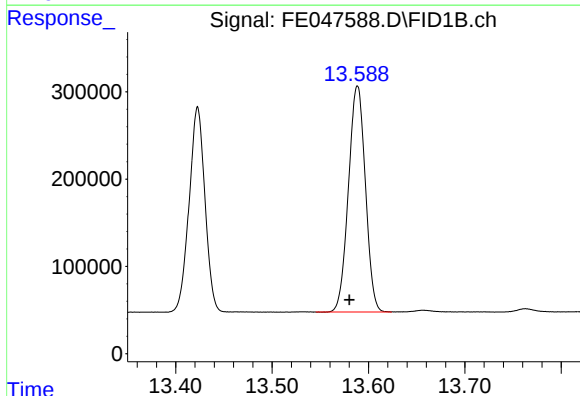
#9 ortho-Terphenyl (SURR)

R.T.: 11.989 min
Delta R.T.: 0.007 min
Response: 3450976
Conc: 19.90 ug/ml



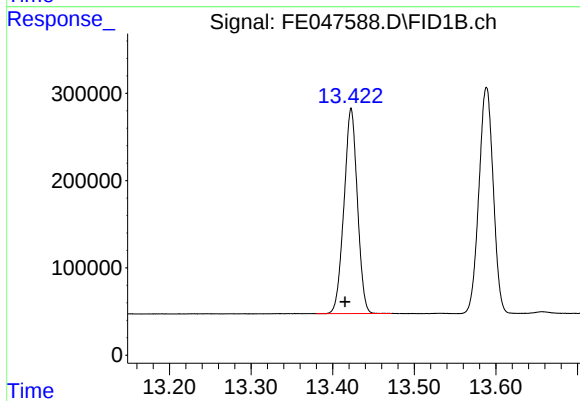
#10 n-Eicosane (C20)

R.T.: 12.977 min
Delta R.T.: 0.008 min
Response: 3211349
Conc: 19.82 ug/ml



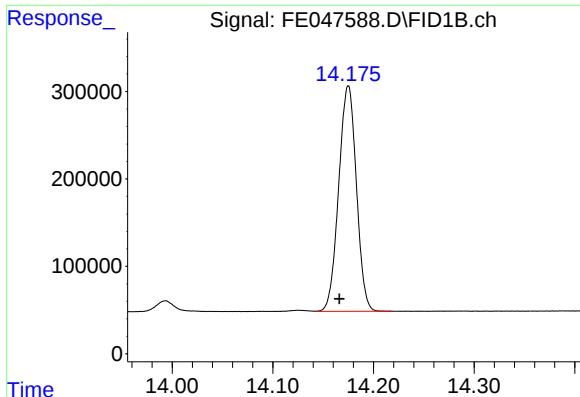
#11 n-Heneicosane (C21)

R.T.: 13.589 min
Delta R.T.: 0.008 min
Response: 3153277
Conc: 19.87 ug/ml



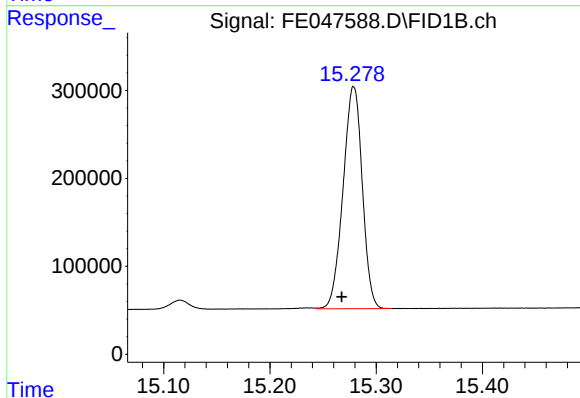
#12 1-chlorooctadecane (SURR)

R.T.: 13.423 min
Delta R.T.: 0.008 min
Response: 2681741
Conc: 19.94 ug/ml



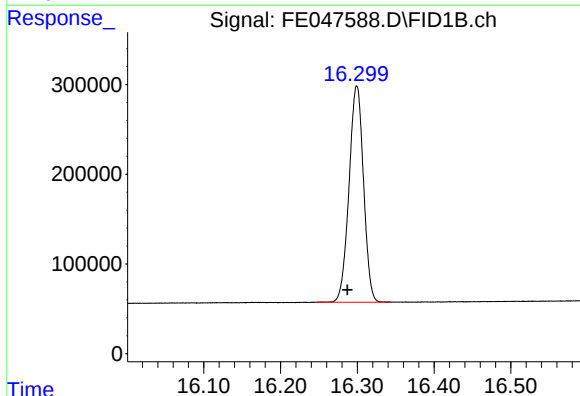
#13 n-Docosane (C22)

R.T.: 14.175 min
Delta R.T.: 0.009 min
Response: 3153482
Conc: 19.65 ug/ml



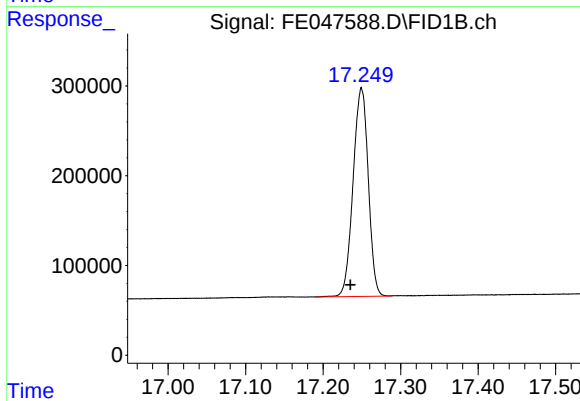
#14 n-Tetracosane (C24)

R.T.: 15.278 min
Delta R.T.: 0.010 min
Response: 3176548
Conc: 19.24 ug/ml m



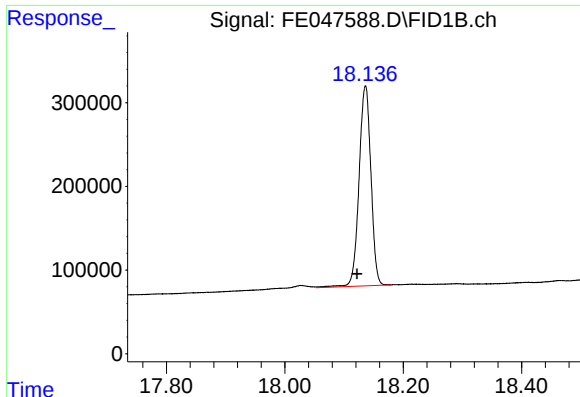
#15 n-Hexacosane (C26)

R.T.: 16.299 min
Delta R.T.: 0.012 min
Response: 3161132
Conc: 19.12 ug/ml



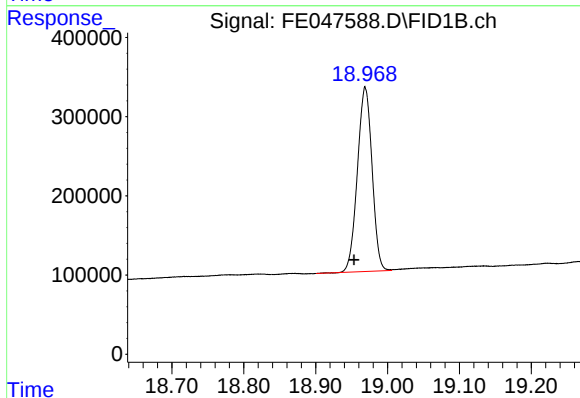
#16 n-Octacosane (C28)

R.T.: 17.249 min
Delta R.T.: 0.014 min
Response: 3159636
Conc: 19.07 ug/ml m



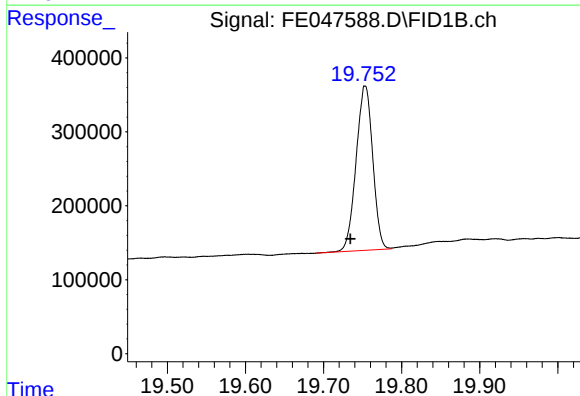
#17 n-Tricontane (C30)

R.T.: 18.136 min
Delta R.T.: 0.014 min
Response: 3332129
Conc: 19.63 ug/ml



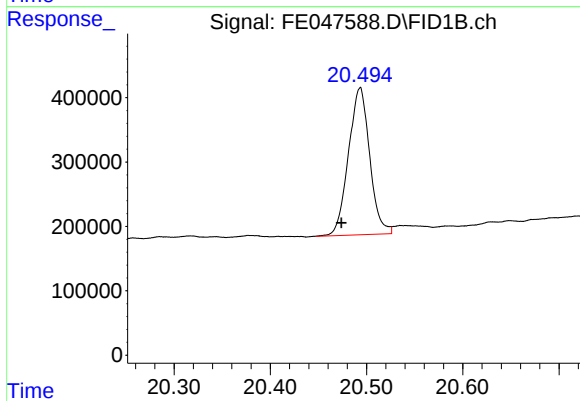
#18 n-Dotriacontane (C32)

R.T.: 18.969 min
Delta R.T.: 0.015 min
Response: 3291574
Conc: 19.74 ug/ml



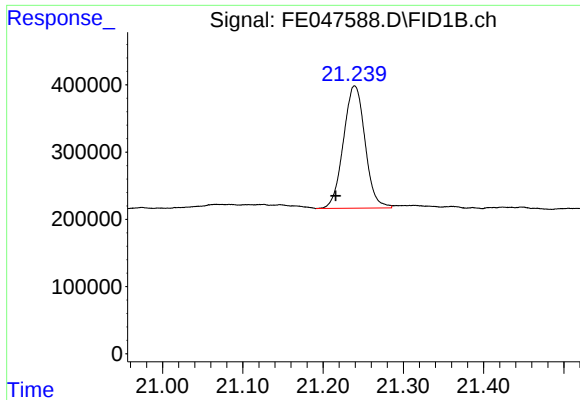
#19 n-Tetratriacontane (C34)

R.T.: 19.753 min
Delta R.T.: 0.019 min
Response: 3288619
Conc: 20.50 ug/ml



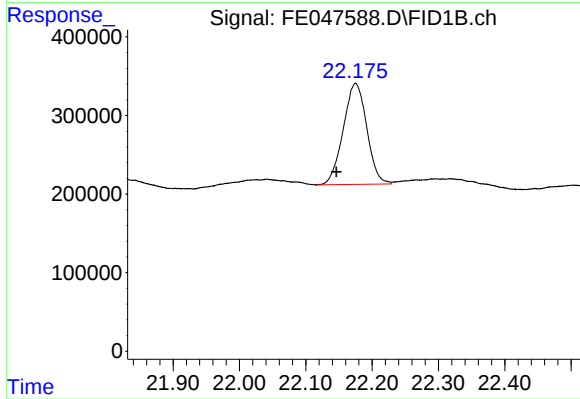
#20 n-Hexatriacontane (C36)

R.T.: 20.494 min
Delta R.T.: 0.020 min
Response: 3499129
Conc: 21.94 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.239 min
Delta R.T.: 0.023 min
Response: 3410691
Conc: 20.99 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 22.175 min
Delta R.T.: 0.029 min
Response: 3170623
Conc: 19.37 ug/ml m