

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE041224AL\
 Data File : FE047614.D
 Signal(s) : FID1B.ch
 Acq On : 12 Apr 2024 21:04
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 12 23:16:59 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	3375466	19.461 ug/ml
Spiked Amount 50.000		Recovery =	38.92%
12) S 1-chlorooctadecane (S...	13.424	2629490	19.551 ug/ml
Spiked Amount 50.000		Recovery =	39.10%
Target Compounds			
1) T n-Nonane (C9)	3.364	3178650	20.318 ug/ml
2) T n-Decane (C10)	4.617	3246812	20.202 ug/ml
3) T A~Naphthalene (C11.7)	6.327	3378153	19.924 ug/ml
4) T n-Dodecane (C12)	6.784	3238951	19.956 ug/ml
5) T A~2-methylnaphthalene...	7.424	3241429	19.738 ug/ml
6) T n-Tetradecane (C14)	8.613	3183394	19.788 ug/ml
7) T n-Hexadecane (C16)	10.222	3267071	19.672 ug/ml
8) T n-Octadecane (C18)	11.667	3278955	19.553 ug/ml
10) T n-Eicosane (C20)	12.977	3155529	19.478 ug/ml
11) T n-Heneicosane (C21)	13.588	3094218	19.500 ug/ml
13) T n-Docosane (C22)	14.175	3098420	19.307 ug/ml
14) T n-Tetracosane (C24)	15.278	3135589	18.996 ug/ml
15) T n-Hexacosane (C26)	16.300	3119298	18.871 ug/ml
16) T n-Octacosane (C28)	17.250	3126775	18.868 ug/ml
17) T n-Tricontane (C30)	18.136	3344338	19.699 ug/ml
18) T n-Dotriacontane (C32)	18.969	3271806	19.621 ug/ml
19) T n-Tetratriacontane (C34)	19.754	3315405	20.671 ug/ml
20) T n-Hexatriacontane (C36)	20.493	3489159	21.876 ug/ml
21) T n-Octatriacontane (C38)	21.241	3152433	19.397 ug/ml
22) T n-Tetracontane (C40)	22.178	3057753	18.676 ug/ml

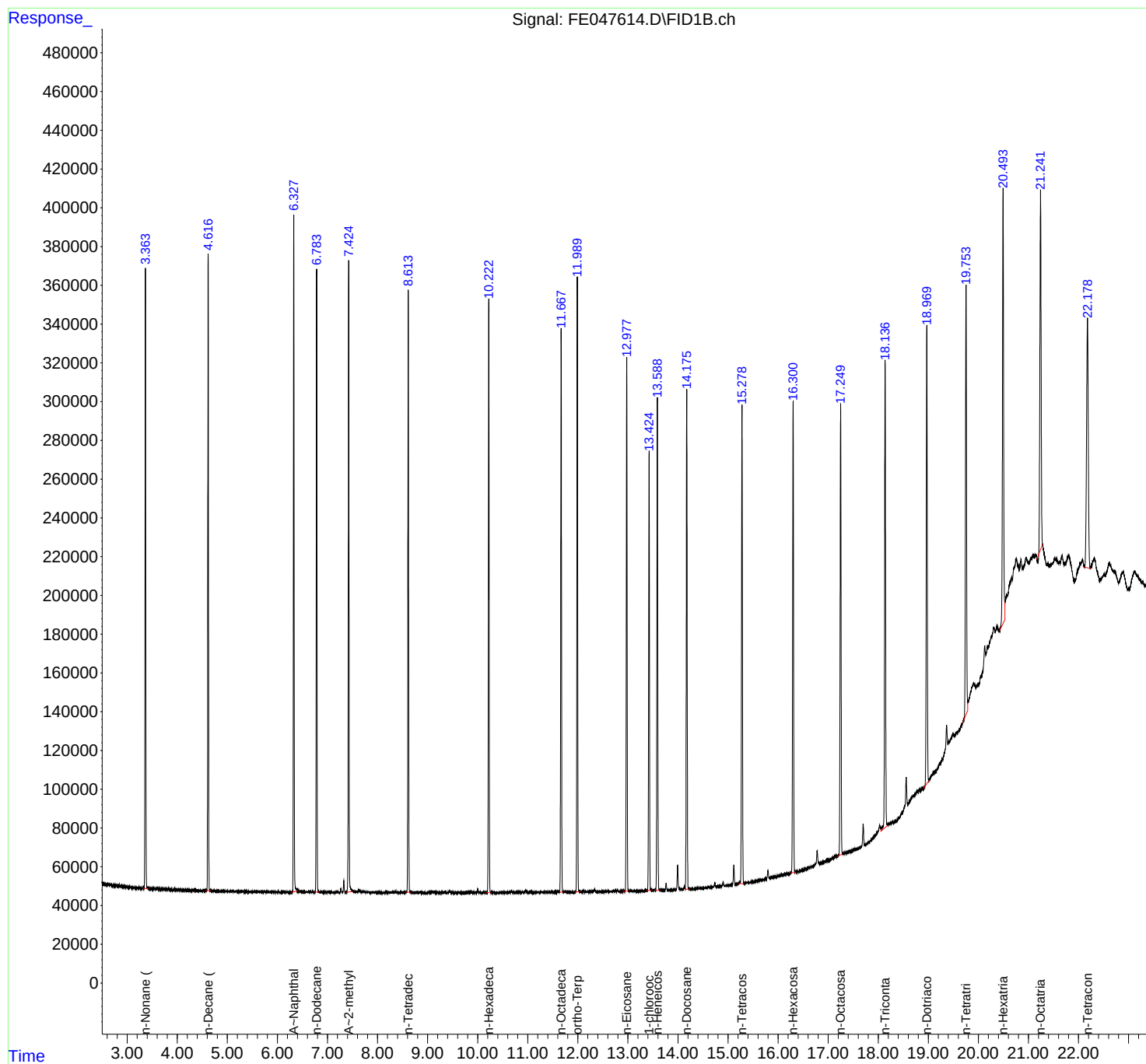
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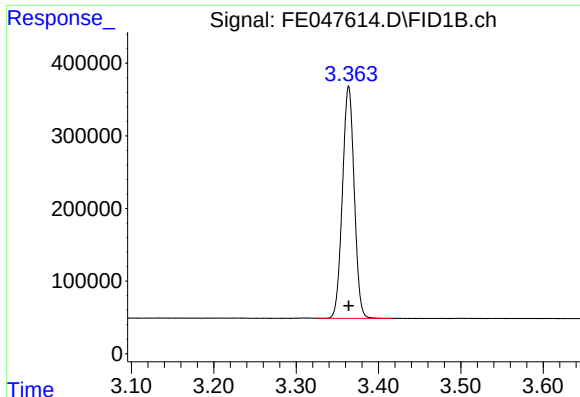
(m)=manual int.

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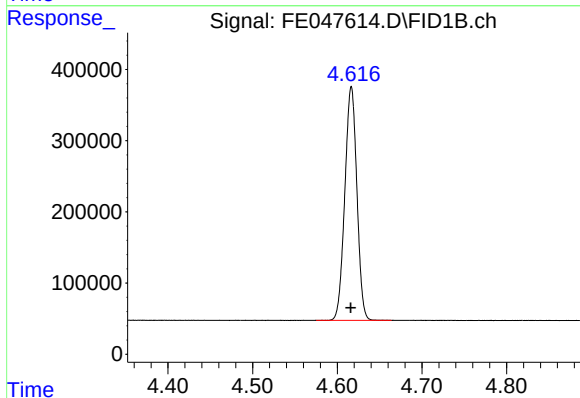
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Signal Info : 20M x 0.18mm x 0.18um





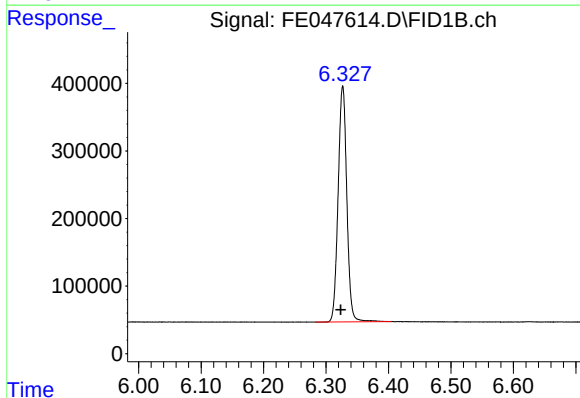
#1 n-Nonane (C9)

R.T.: 3.364 min
Delta R.T.: 0.000 min
Response: 3178650
Conc: 20.32 ug/ml



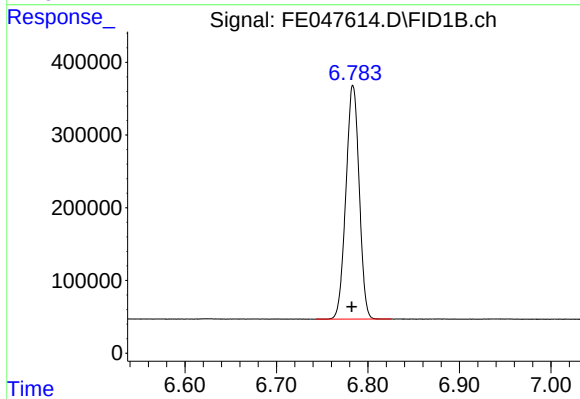
#2 n-Decane (C10)

R.T.: 4.617 min
Delta R.T.: 0.000 min
Response: 3246812
Conc: 20.20 ug/ml



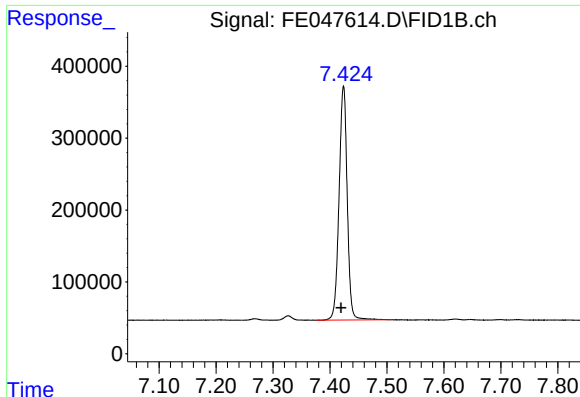
#3 A~Naphthalene (C11.7)

R.T.: 6.327 min
Delta R.T.: 0.003 min
Response: 3378153
Conc: 19.92 ug/ml



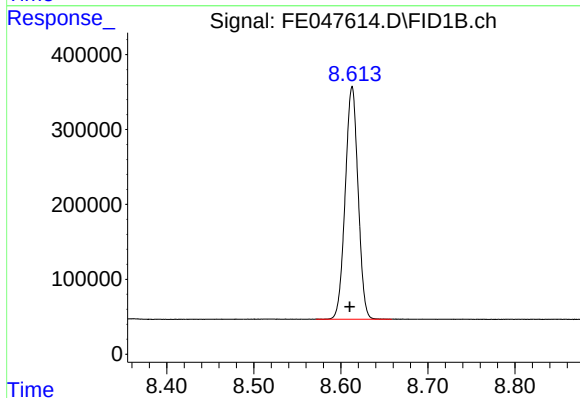
#4 n-Dodecane (C12)

R.T.: 6.784 min
Delta R.T.: 0.002 min
Response: 3238951
Conc: 19.96 ug/ml



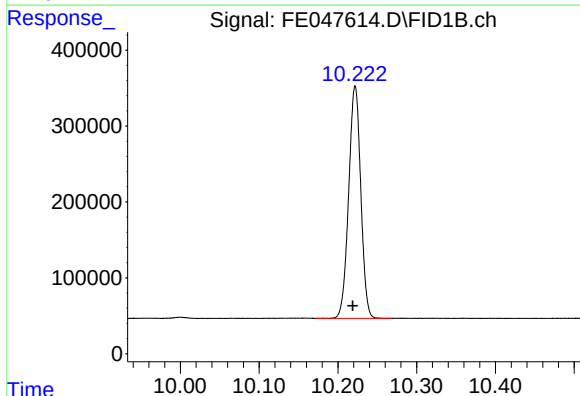
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.424 min
Delta R.T.: 0.004 min
Response: 3241429
Conc: 19.74 ug/ml



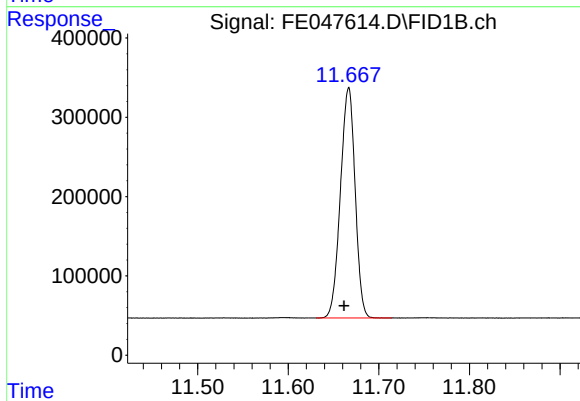
#6 n-Tetradecane (C14)

R.T.: 8.613 min
Delta R.T.: 0.003 min
Response: 3183394
Conc: 19.79 ug/ml



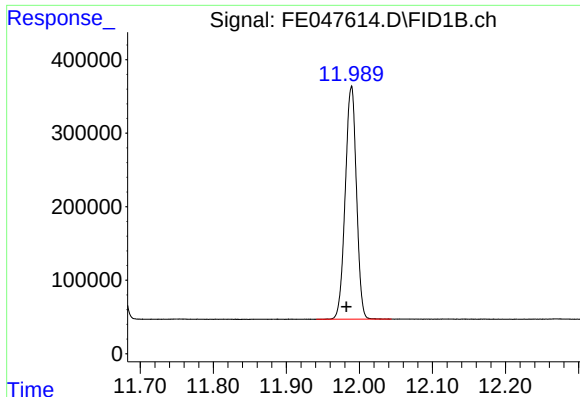
#7 n-Hexadecane (C16)

R.T.: 10.222 min
Delta R.T.: 0.003 min
Response: 3267071
Conc: 19.67 ug/ml



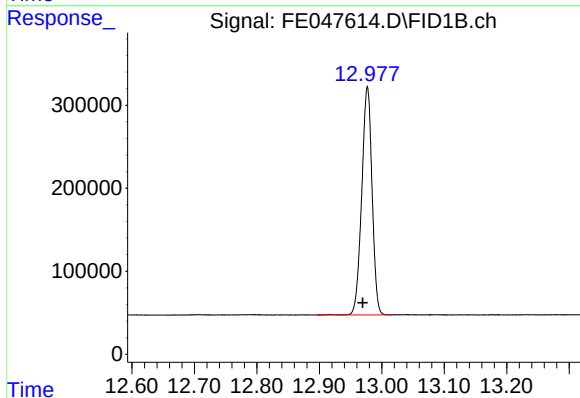
#8 n-Octadecane (C18)

R.T.: 11.667 min
Delta R.T.: 0.005 min
Response: 3278955
Conc: 19.55 ug/ml



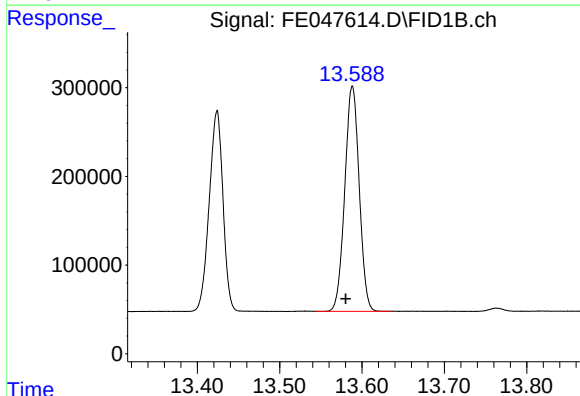
#9 ortho-Terphenyl (SURR)

R.T.: 11.989 min
Delta R.T.: 0.007 min
Response: 3375466
Conc: 19.46 ug/ml



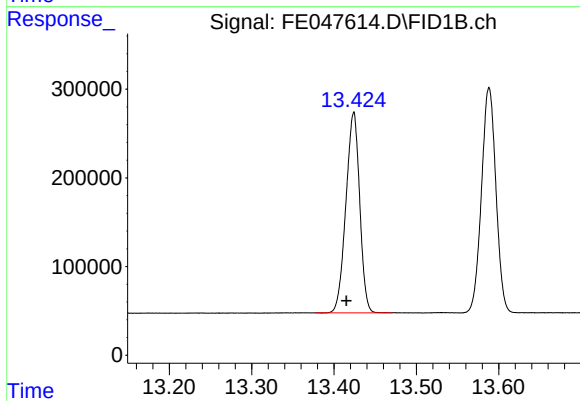
#10 n-Eicosane (C20)

R.T.: 12.977 min
Delta R.T.: 0.007 min
Response: 3155529
Conc: 19.48 ug/ml



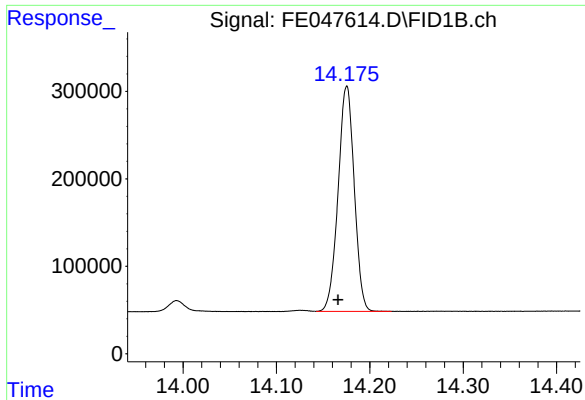
#11 n-Heneicosane (C21)

R.T.: 13.588 min
Delta R.T.: 0.008 min
Response: 3094218
Conc: 19.50 ug/ml



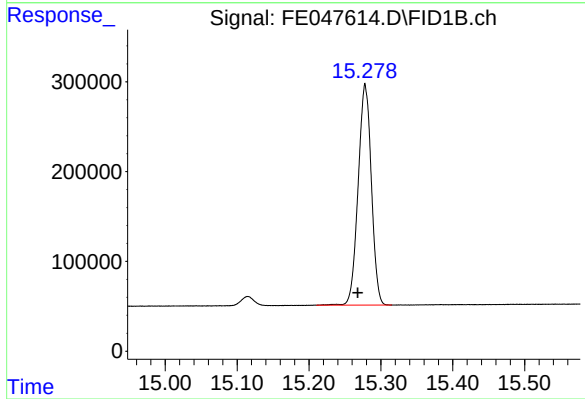
#12 1-chlorooctadecane (SURR)

R.T.: 13.424 min
Delta R.T.: 0.009 min
Response: 2629490
Conc: 19.55 ug/ml



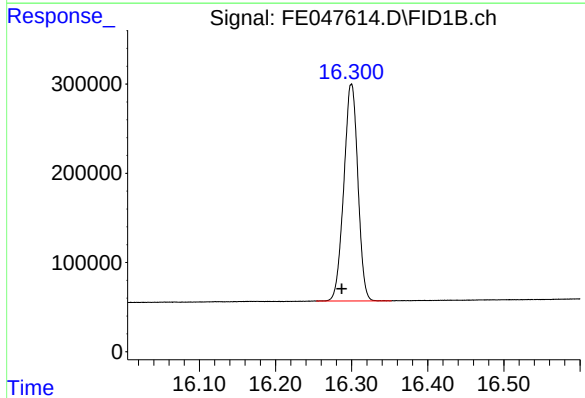
#13 n-Docosane (C22)

R.T.: 14.175 min
Delta R.T.: 0.009 min
Response: 3098420
Conc: 19.31 ug/ml



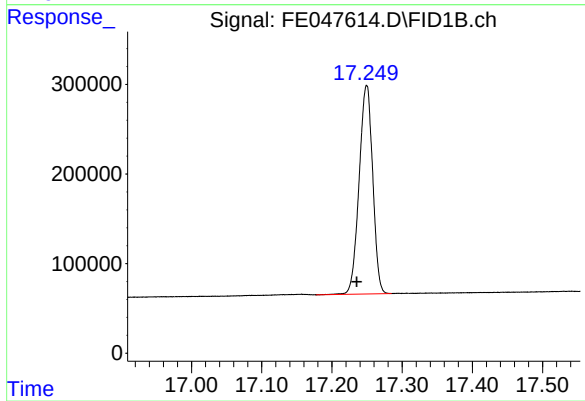
#14 n-Tetracosane (C24)

R.T.: 15.278 min
Delta R.T.: 0.010 min
Response: 3135589
Conc: 19.00 ug/ml



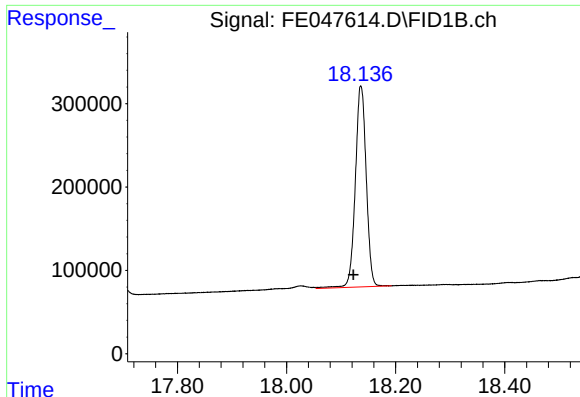
#15 n-Hexacosane (C26)

R.T.: 16.300 min
Delta R.T.: 0.013 min
Response: 3119298
Conc: 18.87 ug/ml



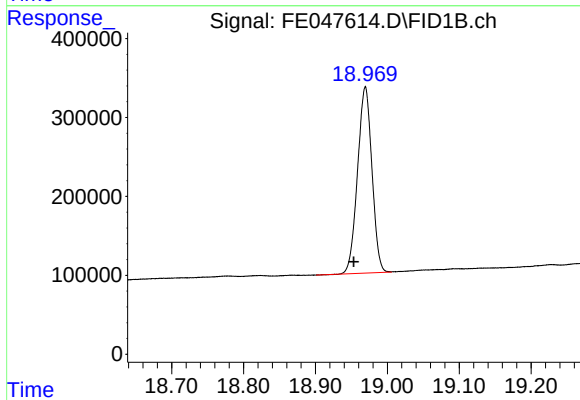
#16 n-Octacosane (C28)

R.T.: 17.250 min
Delta R.T.: 0.014 min
Response: 3126775
Conc: 18.87 ug/ml



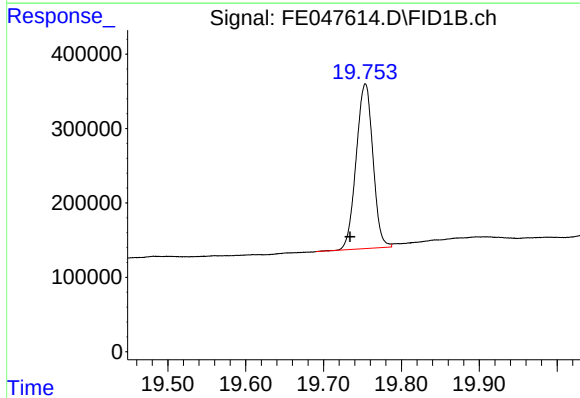
#17 n-Tricontane (C30)

R.T.: 18.136 min
Delta R.T.: 0.014 min
Response: 3344338
Conc: 19.70 ug/ml



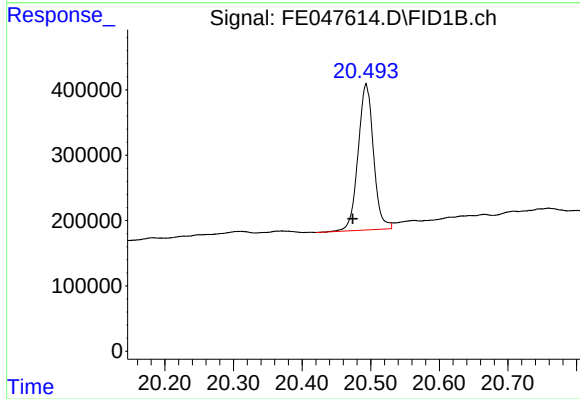
#18 n-Dotriacontane (C32)

R.T.: 18.969 min
Delta R.T.: 0.016 min
Response: 3271806
Conc: 19.62 ug/ml



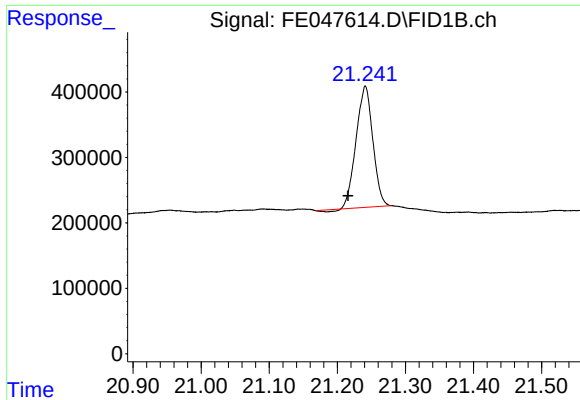
#19 n-Tetratriacontane (C34)

R.T.: 19.754 min
Delta R.T.: 0.019 min
Response: 3315405
Conc: 20.67 ug/ml



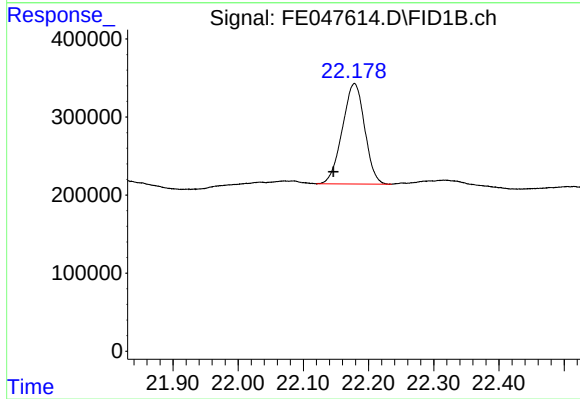
#20 n-Hexatriacontane (C36)

R.T.: 20.493 min
Delta R.T.: 0.019 min
Response: 3489159
Conc: 21.88 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.241 min
Delta R.T.: 0.026 min
Response: 3152433
Conc: 19.40 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.178 min
Delta R.T.: 0.032 min
Response: 3057753
Conc: 18.68 ug/ml