

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE041524AL\
 Data File : FE047636.D
 Signal(s) : FID1B.ch
 Acq On : 15 Apr 2024 20:01
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Apr 16 06:39:10 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)	11.986	3070779	17.705 ug/ml
Spiked Amount 50.000		Recovery =	35.41%
12) S 1-chlorooctadecane (S...	13.420	2390082	17.771 ug/ml
Spiked Amount 50.000		Recovery =	35.54%
Target Compounds			
1) T n-Nonane (C9)	3.363	2864777	18.311 ug/ml
2) T n-Decane (C10)	4.615	2940498	18.296 ug/ml
3) T A~Naphthalene (C11.7)	6.325	3055548	18.021 ug/ml
4) T n-Dodecane (C12)	6.782	2939608	18.111 ug/ml
5) T A~2-methylnaphthalene...	7.422	2932749	17.858 ug/ml
6) T n-Tetradecane (C14)	8.611	2898823	18.019 ug/ml
7) T n-Hexadecane (C16)	10.220	2973140	17.902 ug/ml
8) T n-Octadecane (C18)	11.664	2994580	17.857 ug/ml
10) T n-Eicosane (C20)	12.974	2871698	17.726 ug/ml
11) T n-Heneicosane (C21)	13.586	2822833	17.790 ug/ml
13) T n-Docosane (C22)	14.172	2833119	17.654 ug/ml
14) T n-Tetracosane (C24)	15.275	2894678	17.537 ug/ml
15) T n-Hexacosane (C26)	16.295	2876607	17.403 ug/ml
16) T n-Octacosane (C28)	17.245	2894528	17.467 ug/ml
17) T n-Tricontane (C30)	18.132	3026531	17.827 ug/ml
18) T n-Dotriacontane (C32)	18.965	3043337	18.251 ug/ml
19) T n-Tetratriacontane (C34)	19.749	2967767	18.504 ug/ml
20) T n-Hexatriacontane (C36)	20.488	2991546	18.756 ug/ml
21) T n-Octatriacontane (C38)	21.232	2946494	18.130 ug/ml
22) T n-Tetracontane (C40)	22.165	2874492	17.557 ug/ml

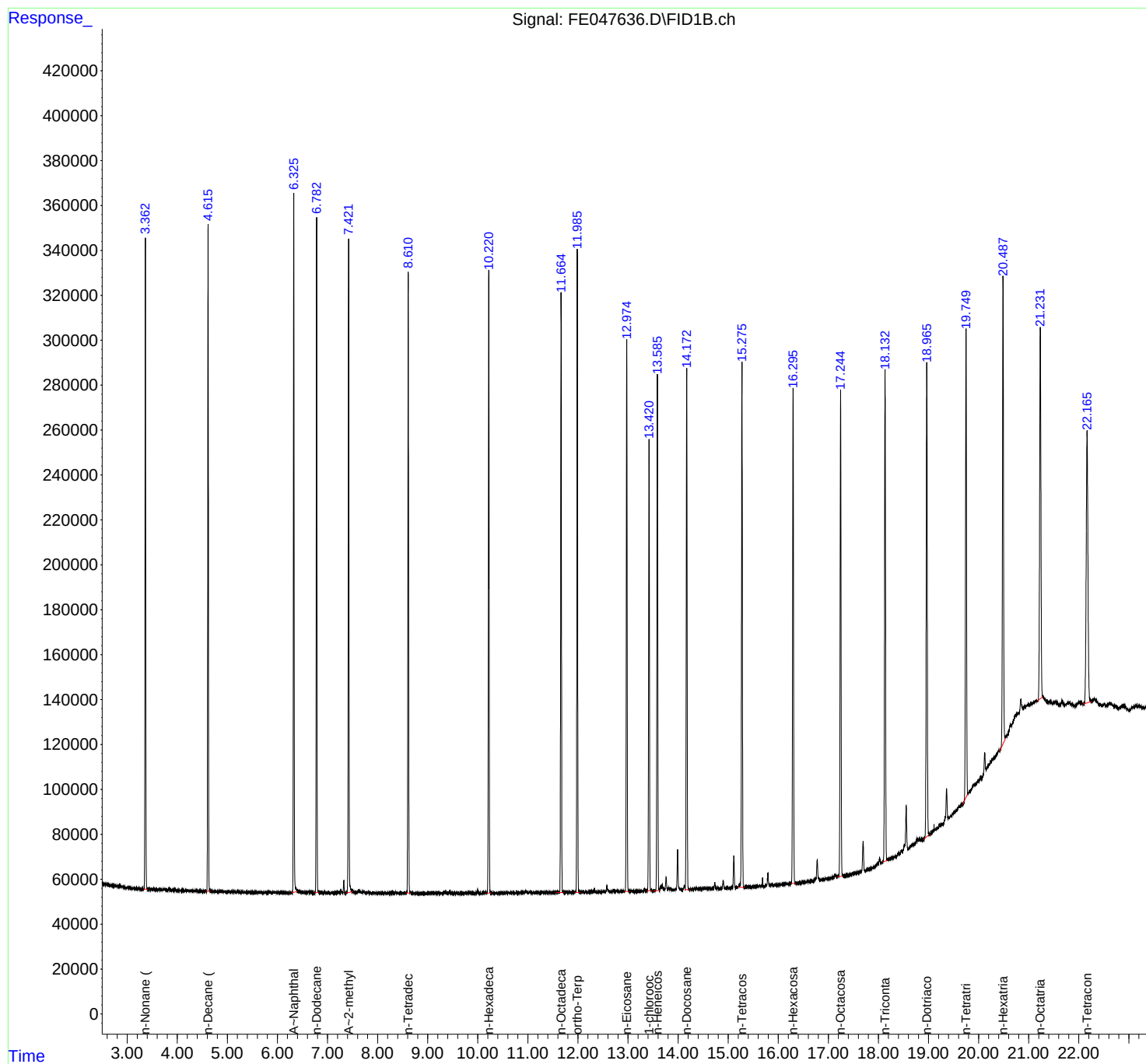
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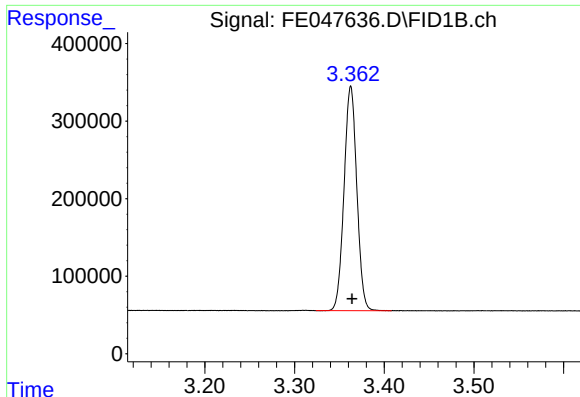
(m)=manual int.

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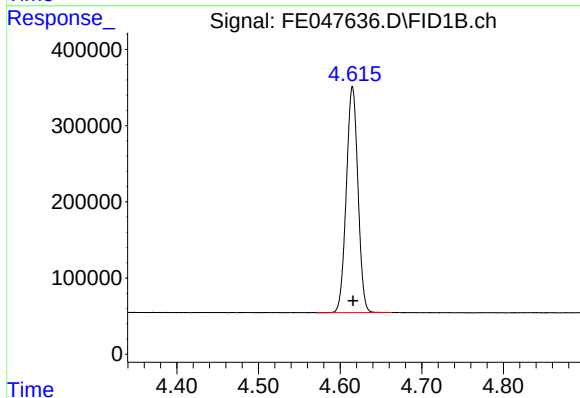
Volume Inj. : 1 u1
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





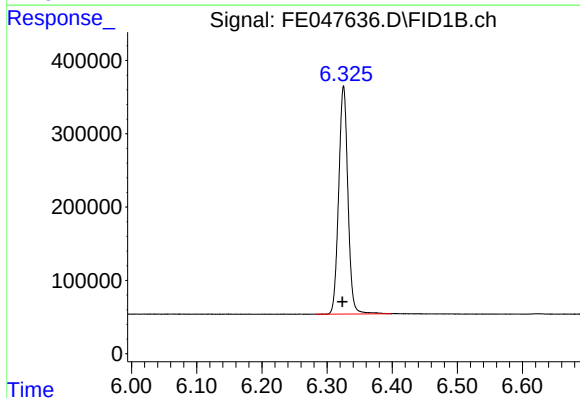
#1 n-Nonane (C9)

R.T.: 3.363 min
Delta R.T.: -0.001 min
Response: 2864777
Conc: 18.31 ug/ml



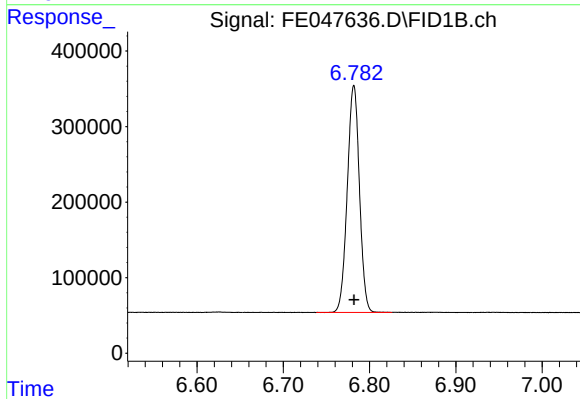
#2 n-Decane (C10)

R.T.: 4.615 min
Delta R.T.: 0.000 min
Response: 2940498
Conc: 18.30 ug/ml



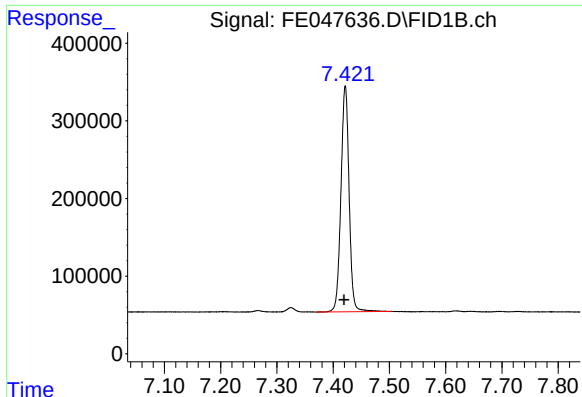
#3 A~Naphthalene (C11.7)

R.T.: 6.325 min
Delta R.T.: 0.002 min
Response: 3055548
Conc: 18.02 ug/ml



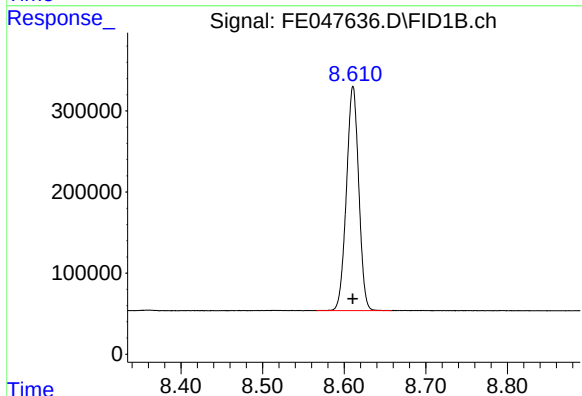
#4 n-Dodecane (C12)

R.T.: 6.782 min
Delta R.T.: 0.000 min
Response: 2939608
Conc: 18.11 ug/ml



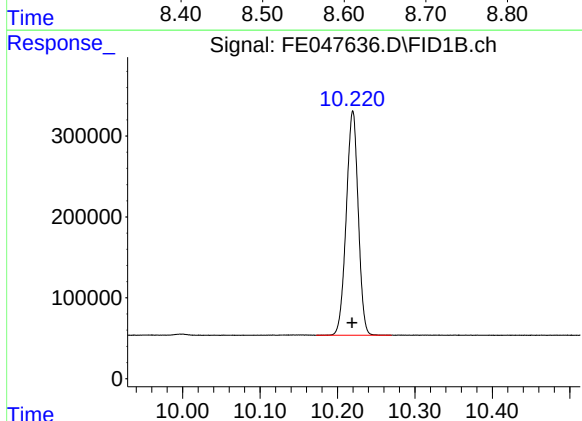
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.422 min
Delta R.T.: 0.002 min
Response: 2932749
Conc: 17.86 ug/ml



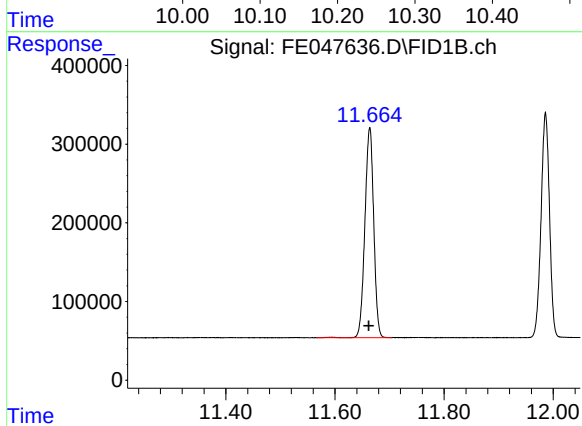
#6 n-Tetradecane (C14)

R.T.: 8.611 min
Delta R.T.: 0.000 min
Response: 2898823
Conc: 18.02 ug/ml



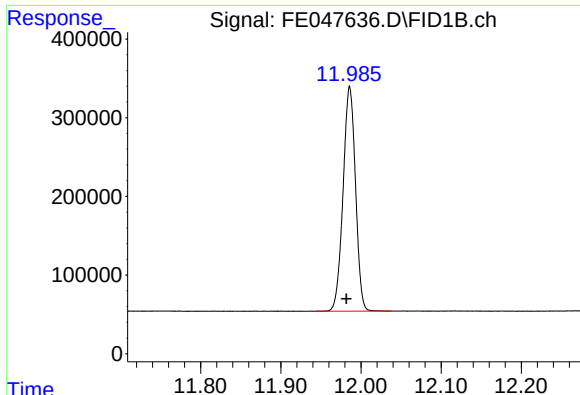
#7 n-Hexadecane (C16)

R.T.: 10.220 min
Delta R.T.: 0.001 min
Response: 2973140
Conc: 17.90 ug/ml



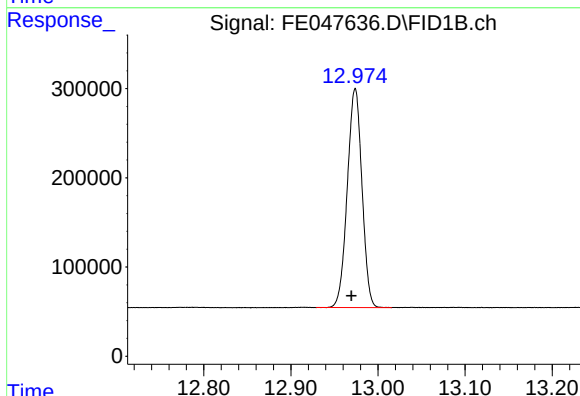
#8 n-Octadecane (C18)

R.T.: 11.664 min
Delta R.T.: 0.002 min
Response: 2994580
Conc: 17.86 ug/ml



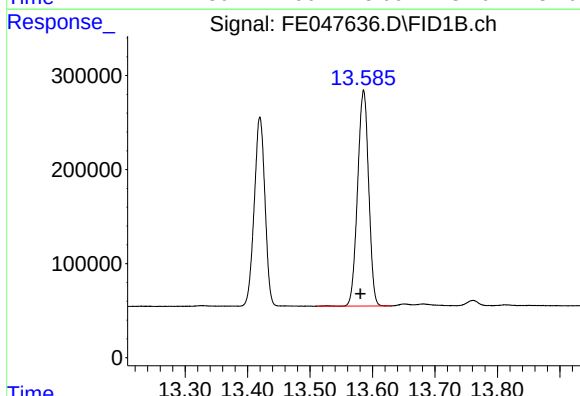
#9 ortho-Terphenyl (SURR)

R.T.: 11.986 min
Delta R.T.: 0.004 min
Response: 3070779
Conc: 17.70 ug/ml



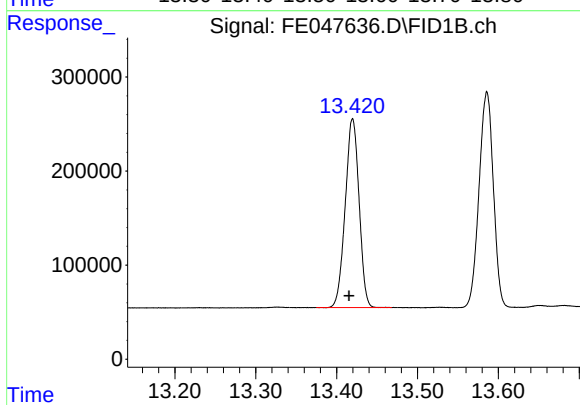
#10 n-Eicosane (C20)

R.T.: 12.974 min
Delta R.T.: 0.004 min
Response: 2871698
Conc: 17.73 ug/ml



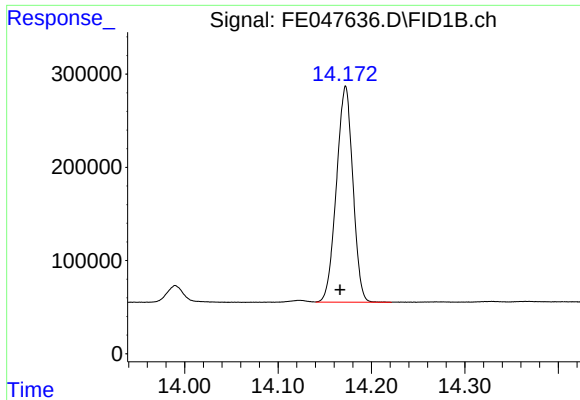
#11 n-Heneicosane (C21)

R.T.: 13.586 min
Delta R.T.: 0.005 min
Response: 2822833
Conc: 17.79 ug/ml



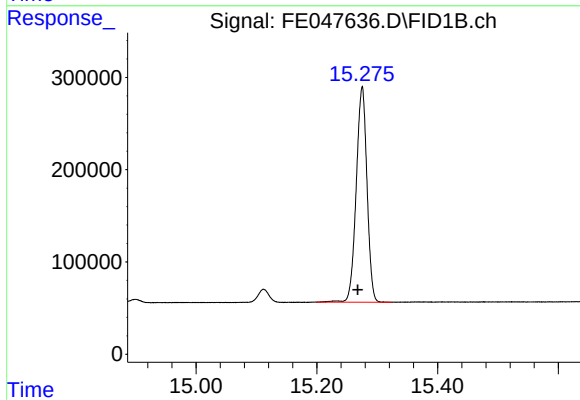
#12 1-chlorooctadecane (SURR)

R.T.: 13.420 min
Delta R.T.: 0.005 min
Response: 2390082
Conc: 17.77 ug/ml



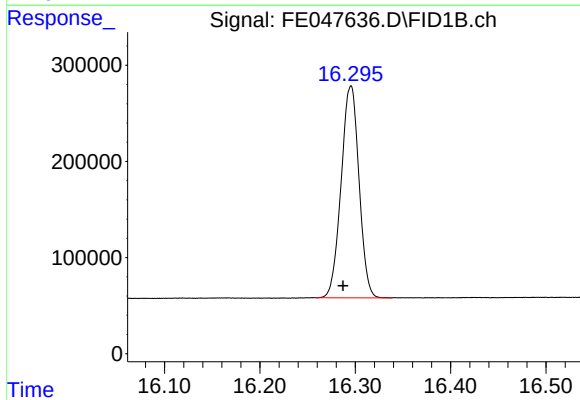
#13 n-Docosane (C22)

R.T.: 14.172 min
Delta R.T.: 0.006 min
Response: 2833119
Conc: 17.65 ug/ml



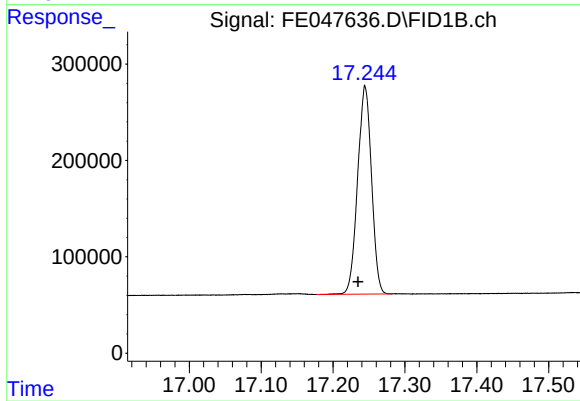
#14 n-Tetracosane (C24)

R.T.: 15.275 min
Delta R.T.: 0.007 min
Response: 2894678
Conc: 17.54 ug/ml



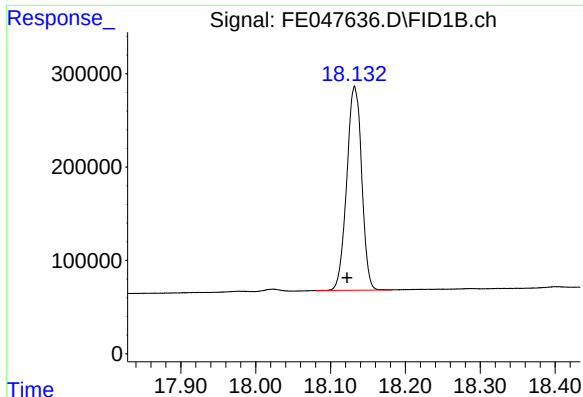
#15 n-Hexacosane (C26)

R.T.: 16.295 min
Delta R.T.: 0.008 min
Response: 2876607
Conc: 17.40 ug/ml



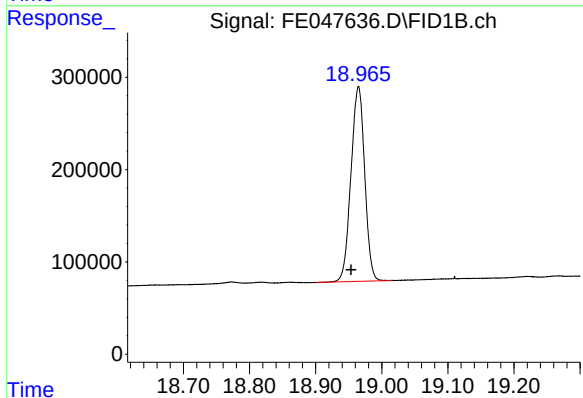
#16 n-Octacosane (C28)

R.T.: 17.245 min
Delta R.T.: 0.009 min
Response: 2894528
Conc: 17.47 ug/ml



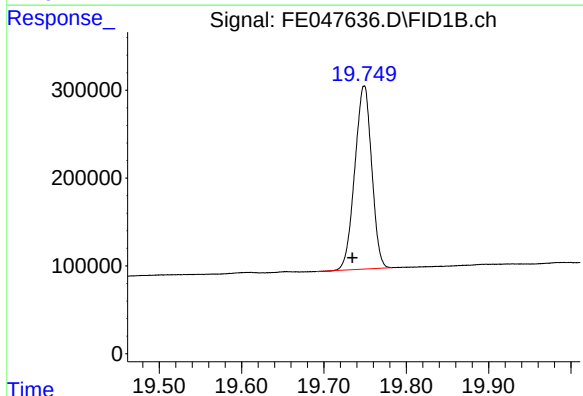
#17 n-Tricontane (C30)

R.T.: 18.132 min
Delta R.T.: 0.010 min
Response: 3026531
Conc: 17.83 ug/ml



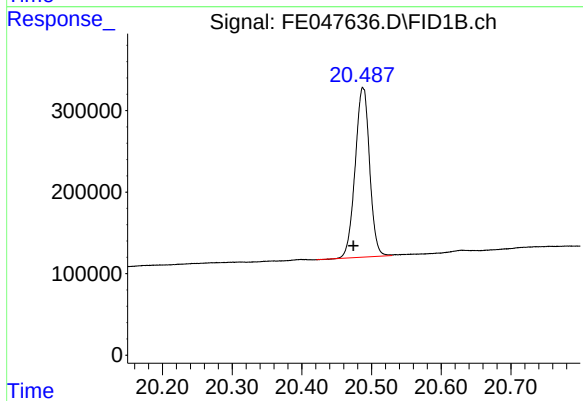
#18 n-Dotriacontane (C32)

R.T.: 18.965 min
Delta R.T.: 0.011 min
Response: 3043337
Conc: 18.25 ug/ml



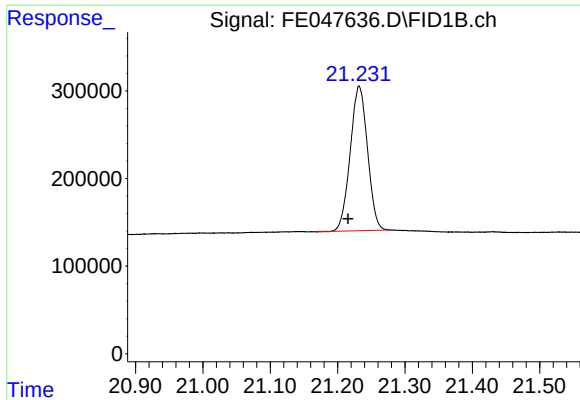
#19 n-Tetratriacontane (C34)

R.T.: 19.749 min
Delta R.T.: 0.015 min
Response: 2967767
Conc: 18.50 ug/ml



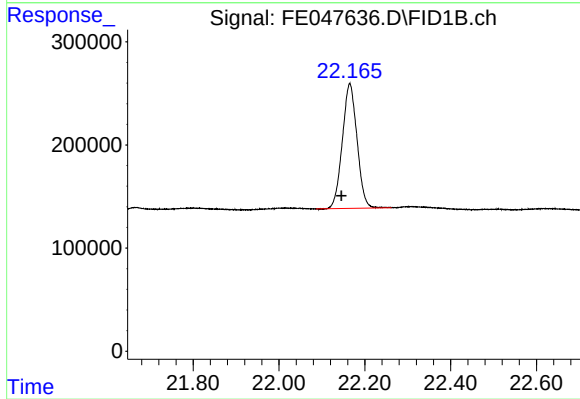
#20 n-Hexatriacontane (C36)

R.T.: 20.488 min
Delta R.T.: 0.014 min
Response: 2991546
Conc: 18.76 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.232 min
Delta R.T.: 0.016 min
Response: 2946494
Conc: 18.13 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.165 min
Delta R.T.: 0.019 min
Response: 2874492
Conc: 17.56 ug/ml