

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032624AL\
 Data File : FE047341.D
 Signal(s) : FID1B.ch
 Acq On : 27 Mar 2024 09:17
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 27 09:45:49 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032324.M
 Quant Title : GC Extractables
 QLast Update : Sat Mar 23 01:31:33 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)	11.985	3030165	19.349 ug/ml
Spiked Amount 50.000		Recovery =	38.70%
12) S 1-chlorooctadecane (S...	13.418	2356321	19.429 ug/ml
Spiked Amount 50.000		Recovery =	38.86%
Target Compounds			
1) T n-Nonane (C9)	3.369	2867925	19.639 ug/ml
2) T n-Decane (C10)	4.620	2928836	19.648 ug/ml
3) T A~Naphthalene (C11.7)	6.328	3040953	19.601 ug/ml
4) T n-Dodecane (C12)	6.785	2927193	19.573 ug/ml
5) T A~2-methylnaphthalene...	7.423	2917954	19.498 ug/ml
6) T n-Tetradecane (C14)	8.614	2877169	19.507 ug/ml
7) T n-Hexadecane (C16)	10.221	2944782	19.456 ug/ml
8) T n-Octadecane (C18)	11.663	2951647	19.428 ug/ml
10) T n-Eicosane (C20)	12.974	2834405	19.481 ug/ml
11) T n-Heneicosane (C21)	13.585	2775642	19.420 ug/ml
13) T n-Docosane (C22)	14.170	2786498	19.630 ug/ml
14) T n-Tetracosane (C24)	15.272	2820763	20.009 ug/mlm
15) T n-Hexacosane (C26)	16.291	2826381	20.326 ug/ml
16) T n-Octacosane (C28)	17.241	2828080	20.697 ug/ml
17) T n-Tricontane (C30)	18.126	2916433	21.005 ug/mlm
18) T n-Dotriacontane (C32)	18.958	2935089	21.278 ug/ml
19) T n-Tetratriacontane (C34)	19.740	2799546	20.427 ug/mlm
20) T n-Hexatriacontane (C36)	20.479	2826203	20.694 ug/mlm
21) T n-Octatriacontane (C38)	21.221	2801653	20.212 ug/mlm
22) T n-Tetracontane (C40)	22.153	2869461	20.030 ug/mlm

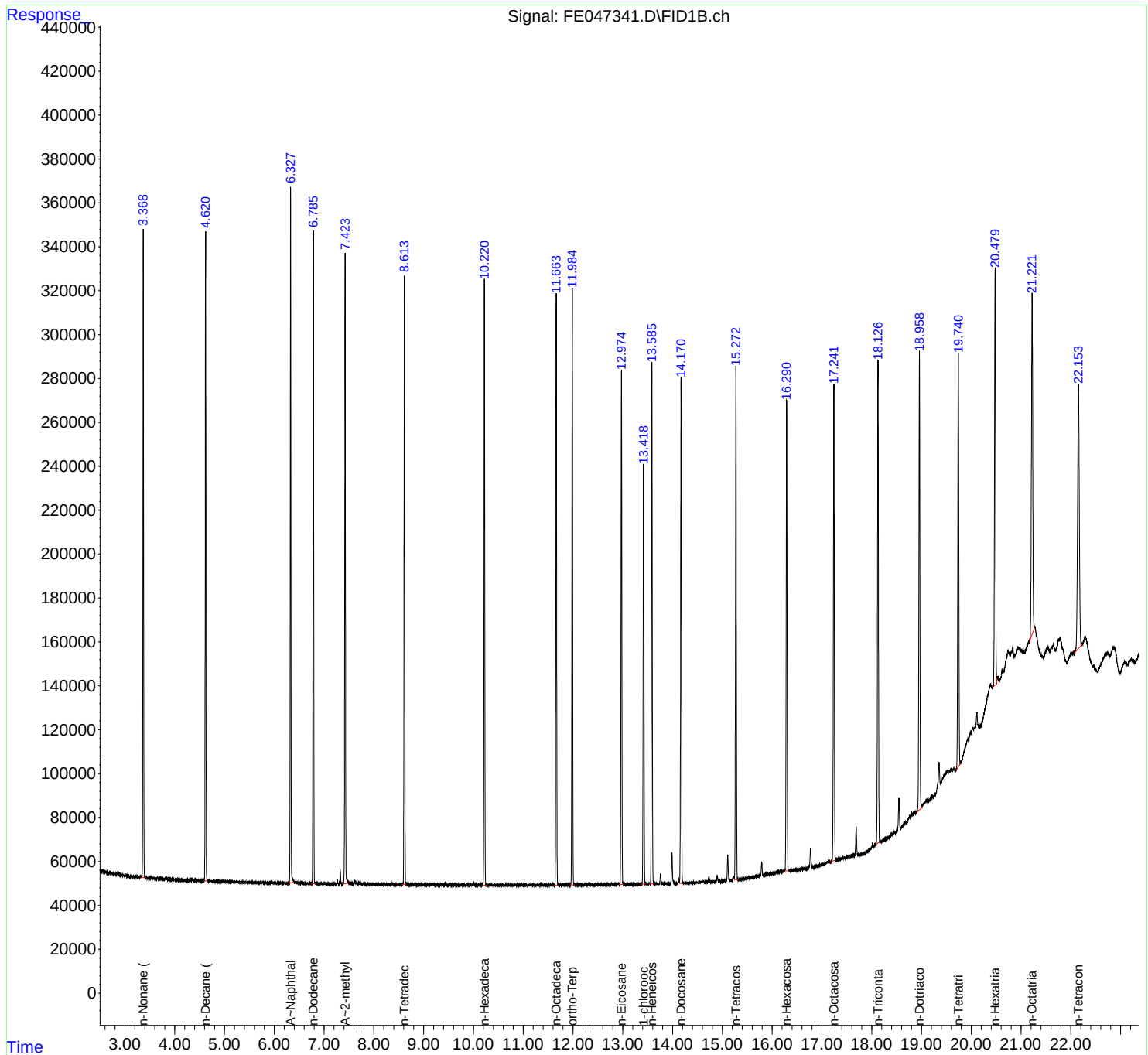
(f)=RT Delta > 1/2 Window

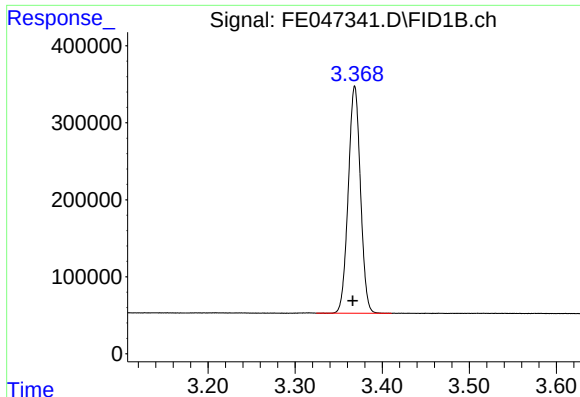
(m)=manual int.

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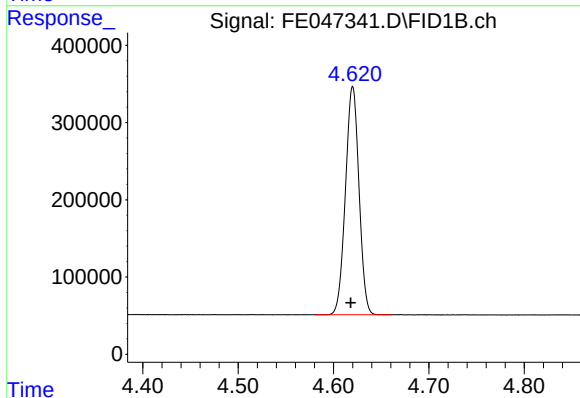
Volume Inj. : 1 uL
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Signal Info : 20M x 0.18mm x 0.18um





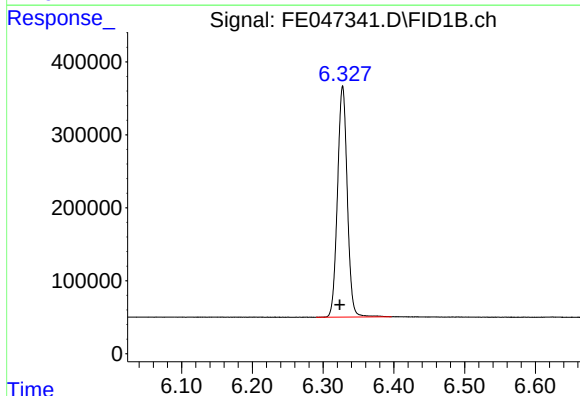
#1 n-Nonane (C9)

R.T.: 3.369 min
Delta R.T.: 0.003 min
Response: 2867925
Conc: 19.64 ug/ml



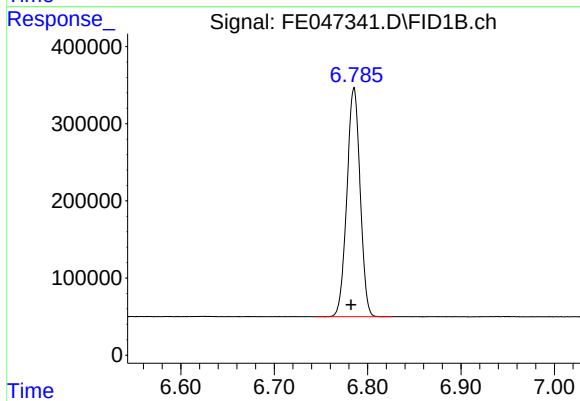
#2 n-Decane (C10)

R.T.: 4.620 min
Delta R.T.: 0.002 min
Response: 2928836
Conc: 19.65 ug/ml



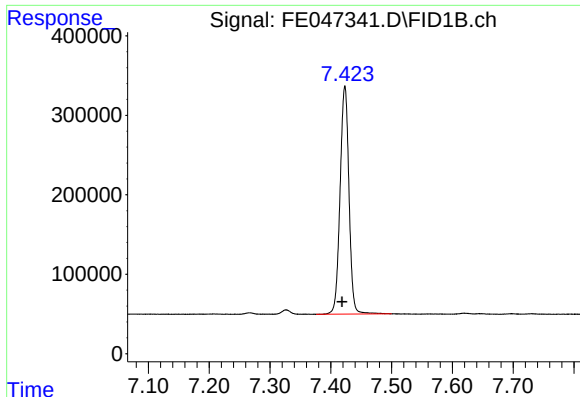
#3 A~Naphthalene (C11.7)

R.T.: 6.328 min
Delta R.T.: 0.004 min
Response: 3040953
Conc: 19.60 ug/ml



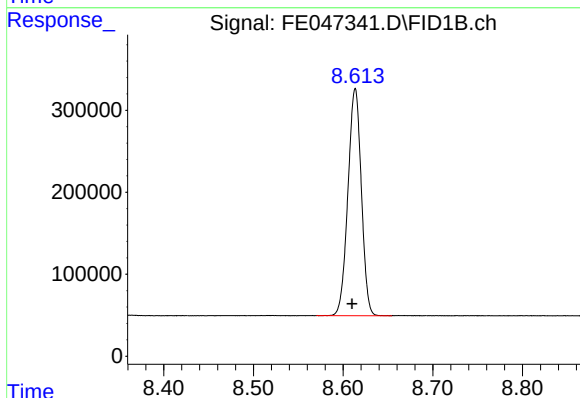
#4 n-Dodecane (C12)

R.T.: 6.785 min
Delta R.T.: 0.003 min
Response: 2927193
Conc: 19.57 ug/ml



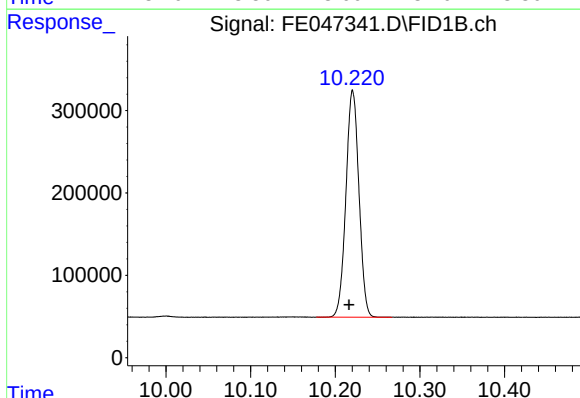
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.423 min
Delta R.T.: 0.005 min
Response: 2917954
Conc: 19.50 ug/ml



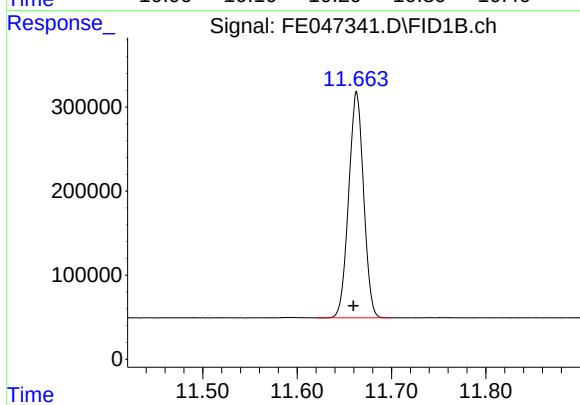
#6 n-Tetradecane (C14)

R.T.: 8.614 min
Delta R.T.: 0.003 min
Response: 2877169
Conc: 19.51 ug/ml



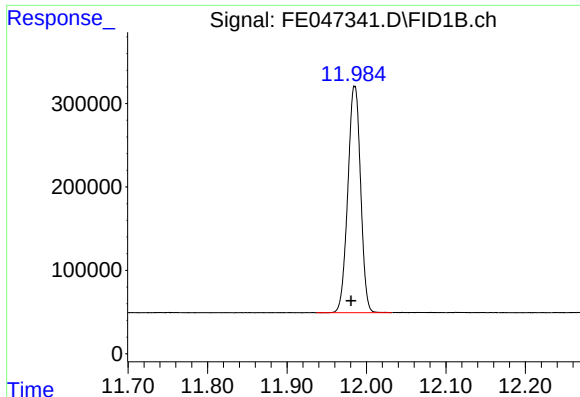
#7 n-Hexadecane (C16)

R.T.: 10.221 min
Delta R.T.: 0.004 min
Response: 2944782
Conc: 19.46 ug/ml



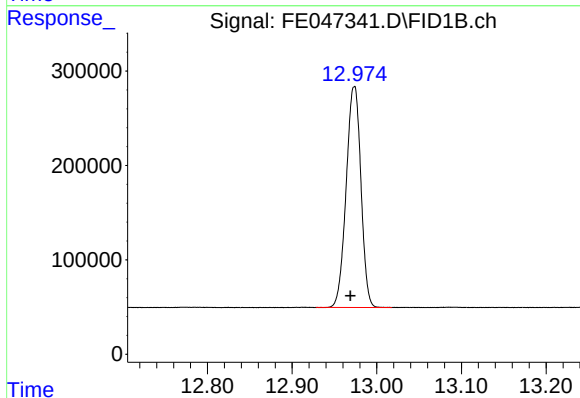
#8 n-Octadecane (C18)

R.T.: 11.663 min
Delta R.T.: 0.003 min
Response: 2951647
Conc: 19.43 ug/ml



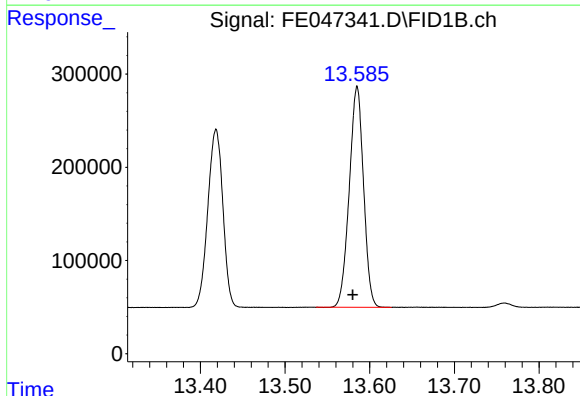
#9 ortho-Terphenyl (SURR)

R.T.: 11.985 min
Delta R.T.: 0.005 min
Response: 3030165
Conc: 19.35 ug/ml



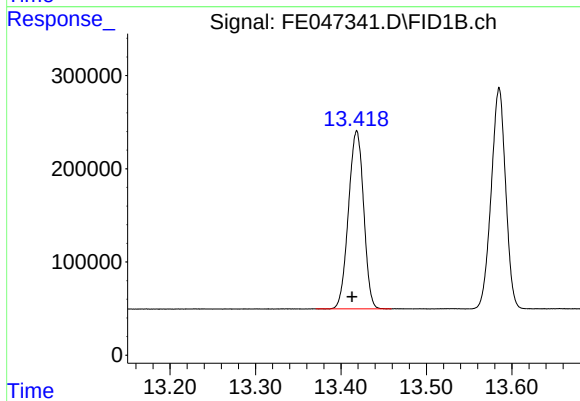
#10 n-Eicosane (C20)

R.T.: 12.974 min
Delta R.T.: 0.005 min
Response: 2834405
Conc: 19.48 ug/ml



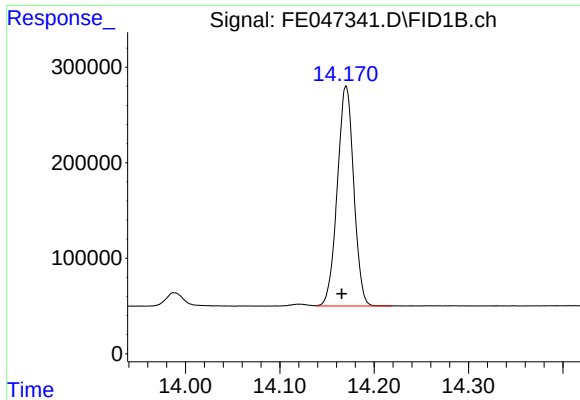
#11 n-Heneicosane (C21)

R.T.: 13.585 min
Delta R.T.: 0.005 min
Response: 2775642
Conc: 19.42 ug/ml



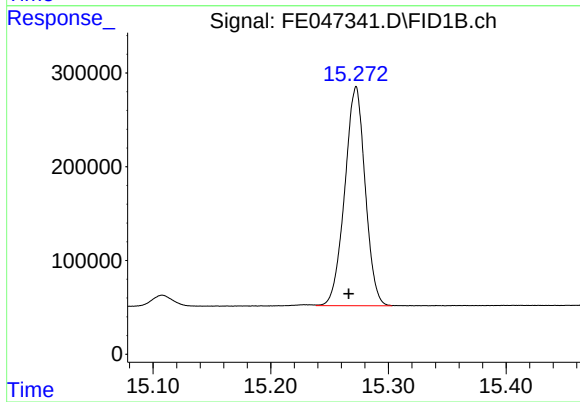
#12 1-chlorooctadecane (SURR)

R.T.: 13.418 min
Delta R.T.: 0.006 min
Response: 2356321
Conc: 19.43 ug/ml



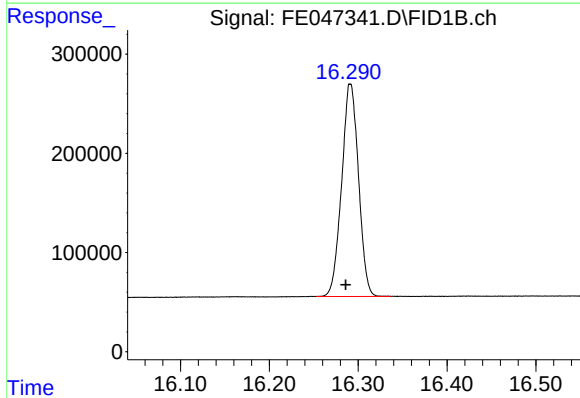
#13 n-Docosane (C22)

R.T.: 14.170 min
Delta R.T.: 0.005 min
Response: 2786498
Conc: 19.63 ug/ml



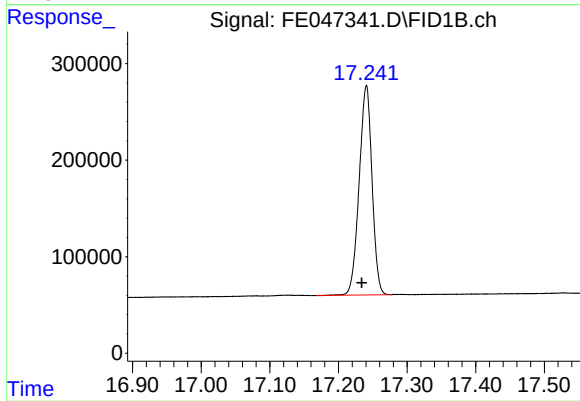
#14 n-Tetracosane (C24)

R.T.: 15.272 min
Delta R.T.: 0.006 min
Response: 2820763
Conc: 20.01 ug/ml m



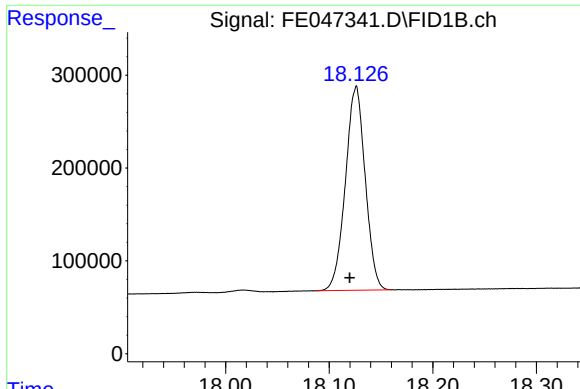
#15 n-Hexacosane (C26)

R.T.: 16.291 min
Delta R.T.: 0.005 min
Response: 2826381
Conc: 20.33 ug/ml



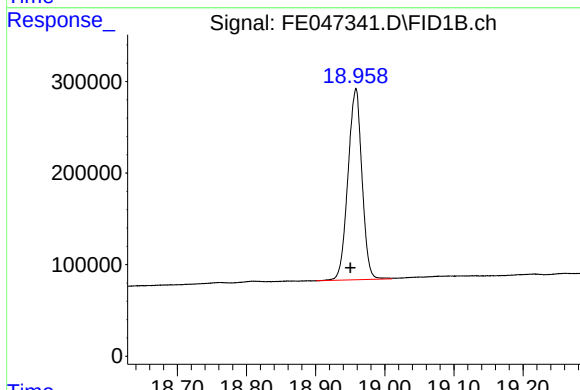
#16 n-Octacosane (C28)

R.T.: 17.241 min
Delta R.T.: 0.007 min
Response: 2828080
Conc: 20.70 ug/ml



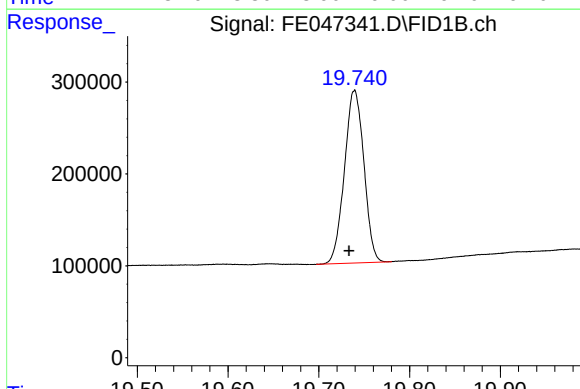
#17 n-Tricontane (C30)

R.T.: 18.126 min
Delta R.T.: 0.006 min
Response: 2916433
Conc: 21.01 ug/ml m



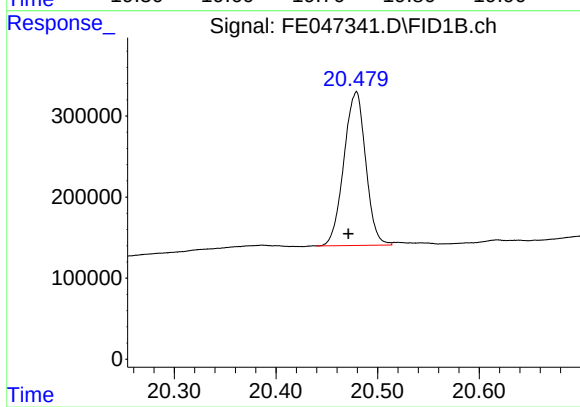
#18 n-Dotriacontane (C32)

R.T.: 18.958 min
Delta R.T.: 0.008 min
Response: 2935089
Conc: 21.28 ug/ml



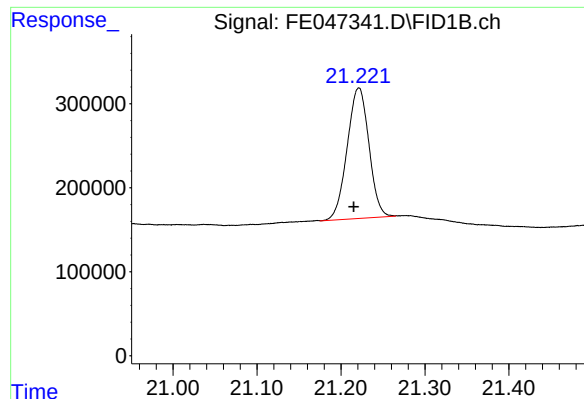
#19 n-Tetratriacontane (C34)

R.T.: 19.740 min
Delta R.T.: 0.006 min
Response: 2799546
Conc: 20.43 ug/ml m



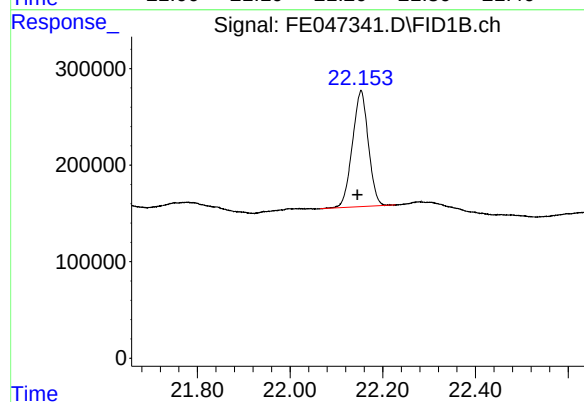
#20 n-Hexatriacontane (C36)

R.T.: 20.479 min
Delta R.T.: 0.008 min
Response: 2826203
Conc: 20.69 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.221 min
Delta R.T.: 0.006 min
Response: 2801653
Conc: 20.21 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 22.153 min
Delta R.T.: 0.007 min
Response: 2869461
Conc: 20.03 ug/ml m