

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE013023AL\
 Data File : FE040100.D
 Signal(s) : FID1B.ch
 Acq On : 30 Jan 2023 23:20
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 31 01:20:42 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 011023.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 10 04:24:52 2023
 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)	11.906	3021629	19.676 ug/ml
Spiked Amount 50.000		Recovery =	39.35%
12) S 1-chlorooctadecane (S...	13.344	2312069	19.812 ug/ml
Spiked Amount 50.000		Recovery =	39.62%
Target Compounds			
1) T n-Nonane (C9)	3.300	2585371	20.368 ug/ml
2) T n-Decane (C10)	4.548	2571420	20.706 ug/ml
3) T A~Naphthalene (C11.7)	6.251	2808475	19.915 ug/ml
4) T n-Dodecane (C12)	6.712	2606813	20.734 ug/ml
5) T A~2-methylnaphthalene...	7.346	2630173	20.081 ug/ml
6) T n-Tetradecane (C14)	8.539	2649360	20.599 ug/ml
7) T n-Hexadecane (C16)	10.147	2743177	20.334 ug/ml
8) T n-Octadecane (C18)	11.588	2804687	20.016 ug/ml
10) T n-Eicosane (C20)	12.898	2738447	19.765 ug/ml
11) T n-Heneicosane (C21)	13.511	2738450	19.625 ug/ml
13) T n-Docosane (C22)	14.097	2733122	19.691 ug/ml
14) T n-Tetracosane (C24)	15.201	2773144	20.142 ug/ml
15) T n-Hexacosane (C26)	16.223	2686324	20.128 ug/ml
16) T n-Octacosane (C28)	17.173	2713072	20.842 ug/ml
17) T n-Tricontane (C30)	18.062	2752097	21.581 ug/ml
18) T n-Dotriacontane (C32)	18.896	2773698	21.940 ug/ml
19) T n-Tetratriacontane (C34)	19.680	2618660	21.192 ug/ml
20) T n-Hexatriacontane (C36)	20.420	2445301	20.741 ug/mlm
21) T n-Octatriacontane (C38)	21.154	2447559	20.479 ug/mlm
22) T n-Tetracontane (C40)	22.057	2409942	19.857 ug/ml

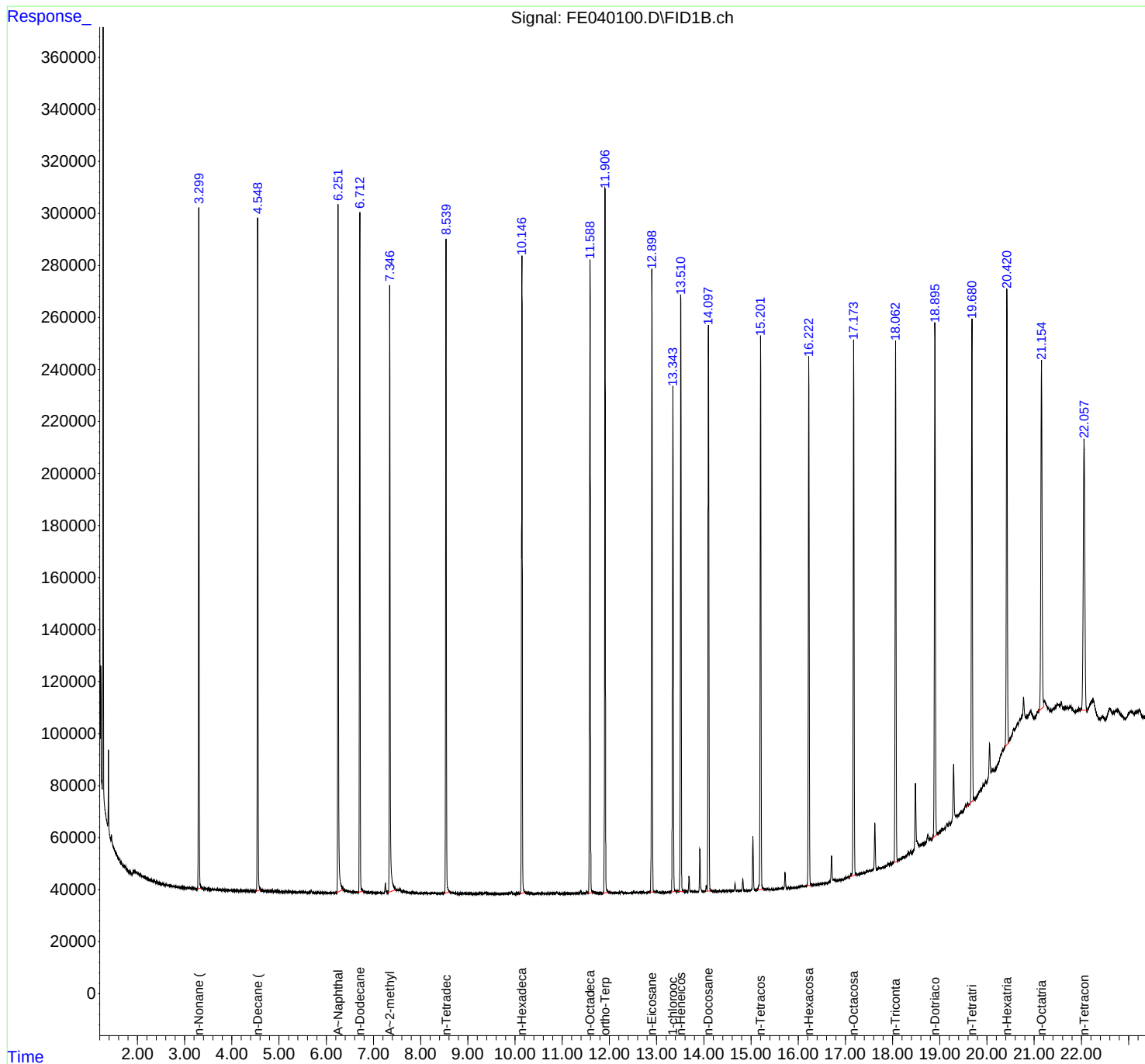
(f)=RT Delta > 1/2 Window

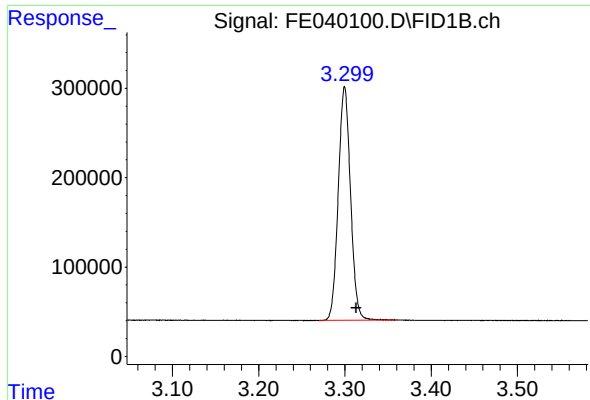
(m)=manual int.

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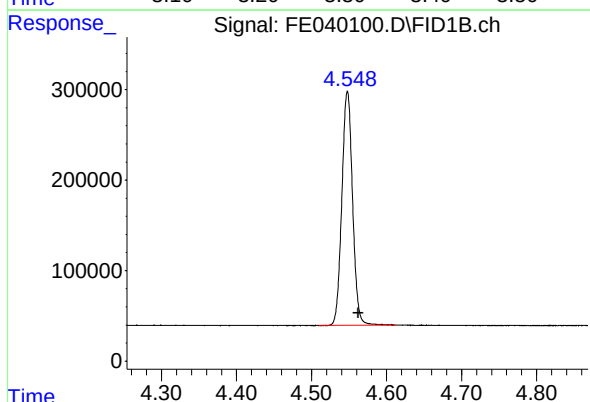
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Signal Info : 20M x 0.18mm x 0.18um





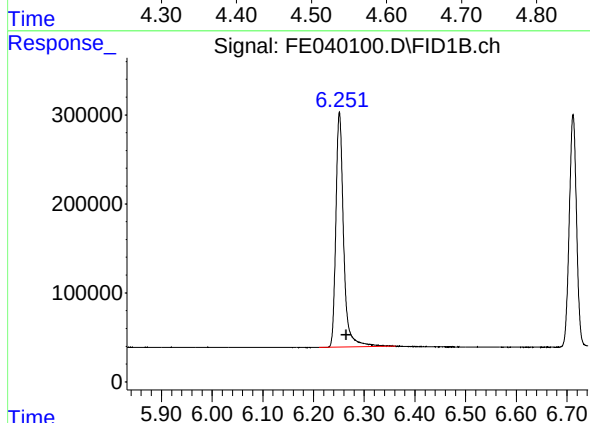
#1 n-Nonane (C9)

R.T.: 3.300 min
Delta R.T.: -0.013 min
Response: 2585371
Conc: 20.37 ug/ml



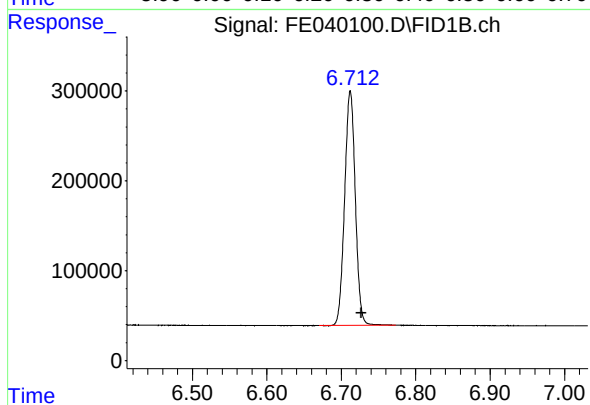
#2 n-Decane (C10)

R.T.: 4.548 min
Delta R.T.: -0.015 min
Response: 2571420
Conc: 20.71 ug/ml



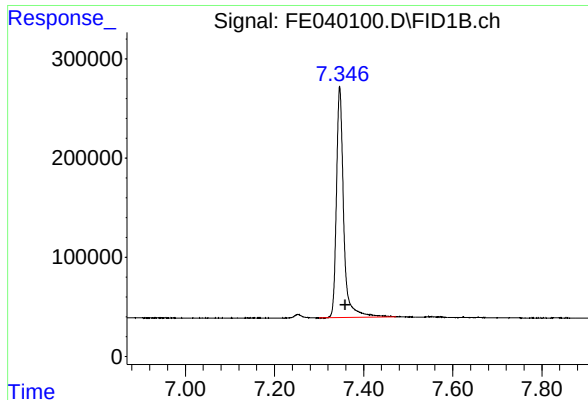
#3 A~Naphthalene (C11.7)

R.T.: 6.251 min
Delta R.T.: -0.013 min
Response: 2808475
Conc: 19.91 ug/ml



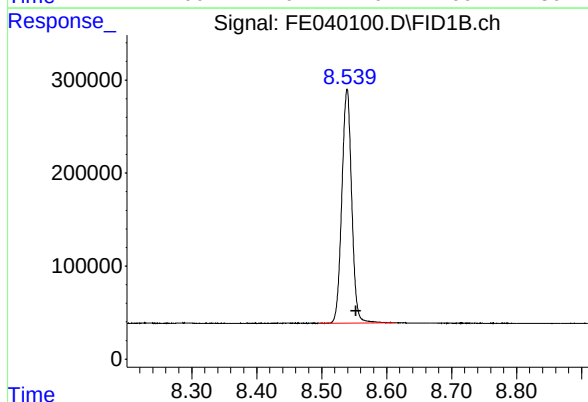
#4 n-Dodecane (C12)

R.T.: 6.712 min
Delta R.T.: -0.015 min
Response: 2606813
Conc: 20.73 ug/ml



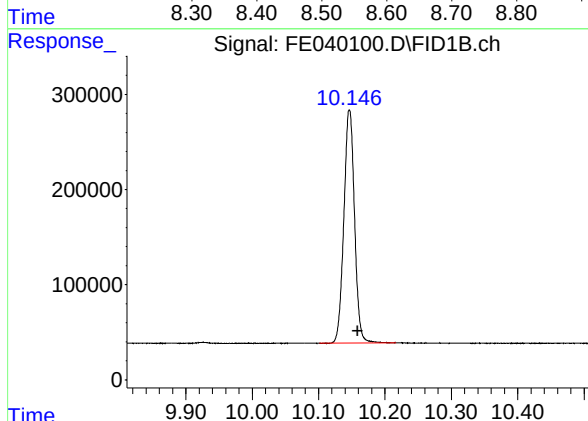
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.346 min
Delta R.T.: -0.013 min
Response: 2630173
Conc: 20.08 ug/ml



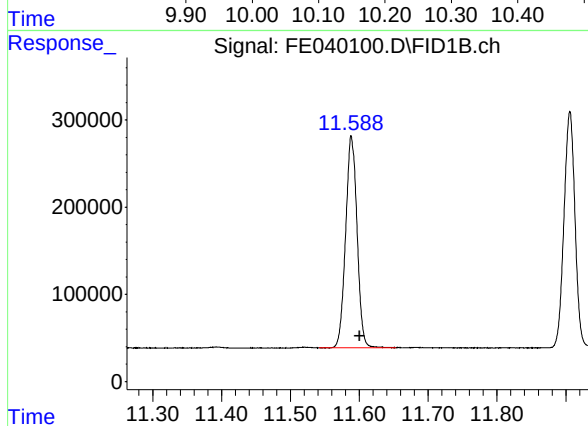
#6 n-Tetradecane (C14)

R.T.: 8.539 min
Delta R.T.: -0.013 min
Response: 2649360
Conc: 20.60 ug/ml



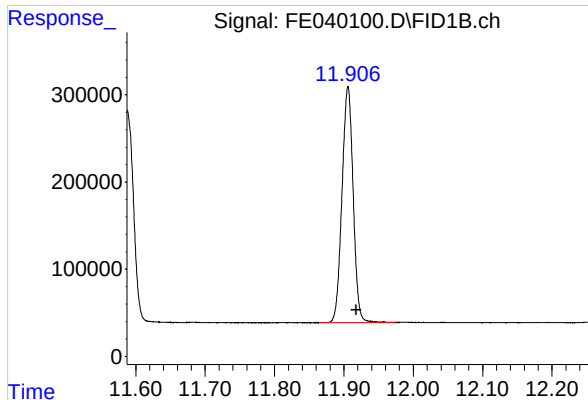
#7 n-Hexadecane (C16)

R.T.: 10.147 min
Delta R.T.: -0.013 min
Response: 2743177
Conc: 20.33 ug/ml



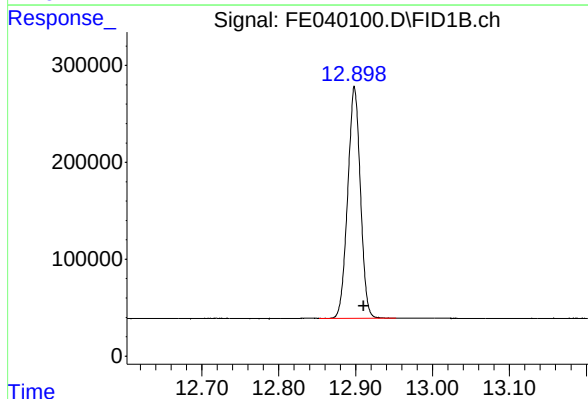
#8 n-Octadecane (C18)

R.T.: 11.588 min
Delta R.T.: -0.012 min
Response: 2804687
Conc: 20.02 ug/ml



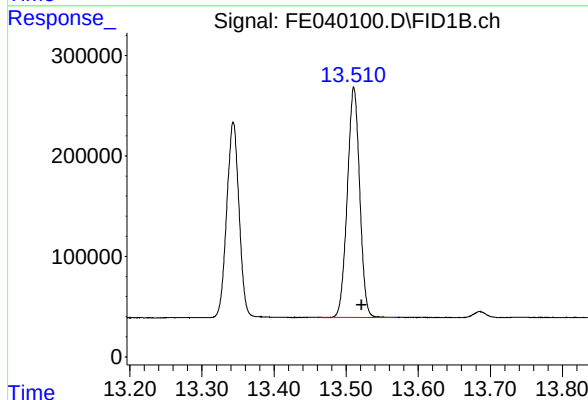
#9 ortho-Terphenyl (SURR)

R.T.: 11.906 min
Delta R.T.: -0.012 min
Response: 3021629
Conc: 19.68 ug/ml



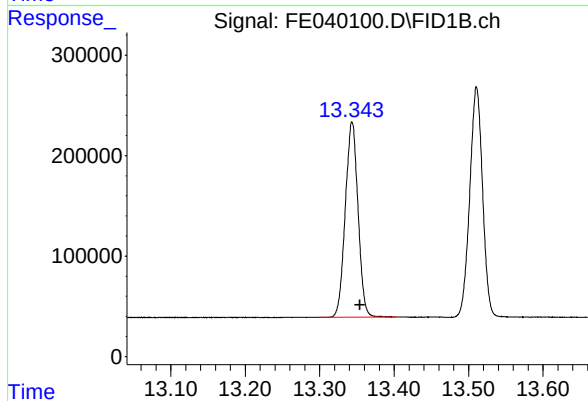
#10 n-Eicosane (C20)

R.T.: 12.898 min
Delta R.T.: -0.012 min
Response: 2738447
Conc: 19.76 ug/ml



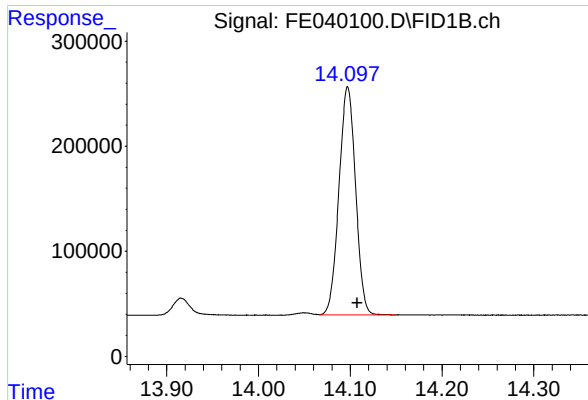
#11 n-Heneicosane (C21)

R.T.: 13.511 min
Delta R.T.: -0.011 min
Response: 2738450
Conc: 19.62 ug/ml



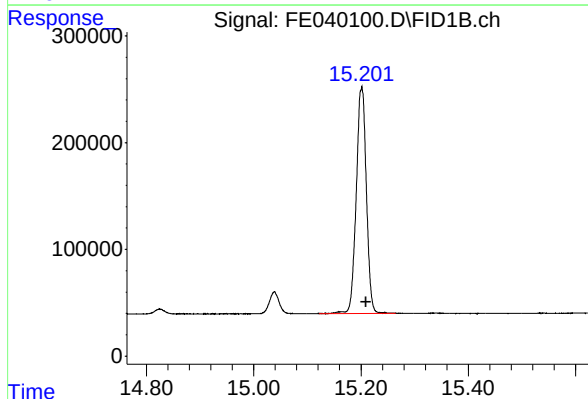
#12 1-chlorooctadecane (SURR)

R.T.: 13.344 min
Delta R.T.: -0.010 min
Response: 2312069
Conc: 19.81 ug/ml



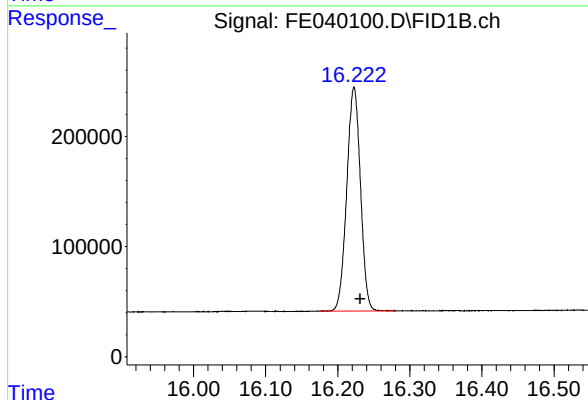
#13 n-Docosane (C22)

R.T.: 14.097 min
Delta R.T.: -0.010 min
Response: 2733122
Conc: 19.69 ug/ml



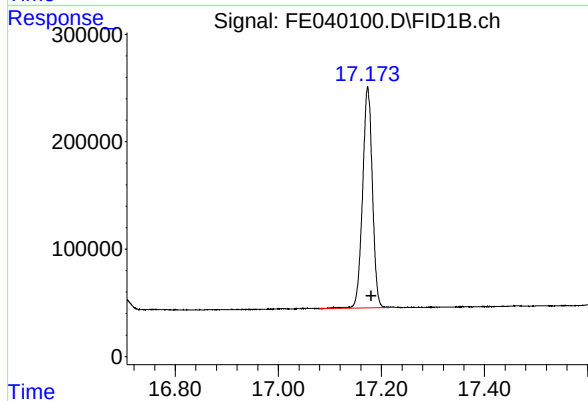
#14 n-Tetracosane (C24)

R.T.: 15.201 min
Delta R.T.: -0.009 min
Response: 2773144
Conc: 20.14 ug/ml



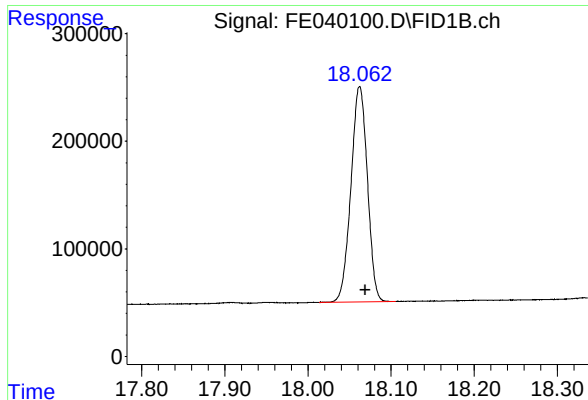
#15 n-Hexacosane (C26)

R.T.: 16.223 min
Delta R.T.: -0.009 min
Response: 2686324
Conc: 20.13 ug/ml



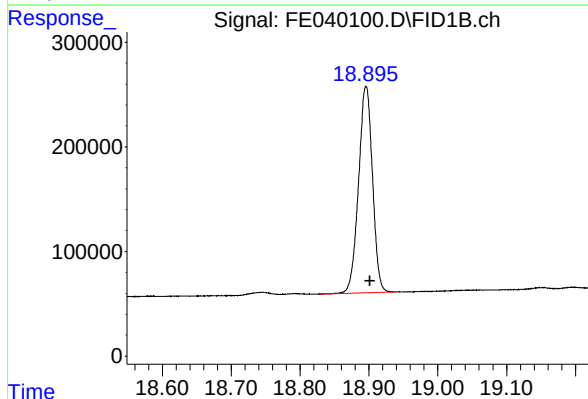
#16 n-Octacosane (C28)

R.T.: 17.173 min
Delta R.T.: -0.007 min
Response: 2713072
Conc: 20.84 ug/ml



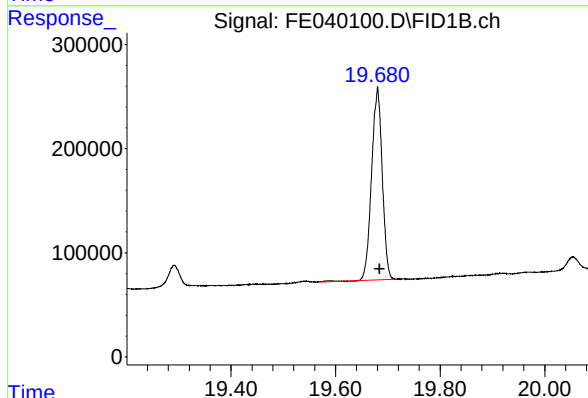
#17 n-Tricontane (C30)

R.T.: 18.062 min
Delta R.T.: -0.007 min
Response: 2752097
Conc: 21.58 ug/ml



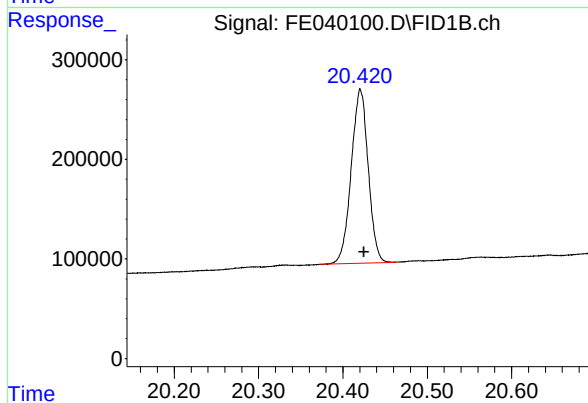
#18 n-Dotriacontane (C32)

R.T.: 18.896 min
Delta R.T.: -0.006 min
Response: 2773698
Conc: 21.94 ug/ml



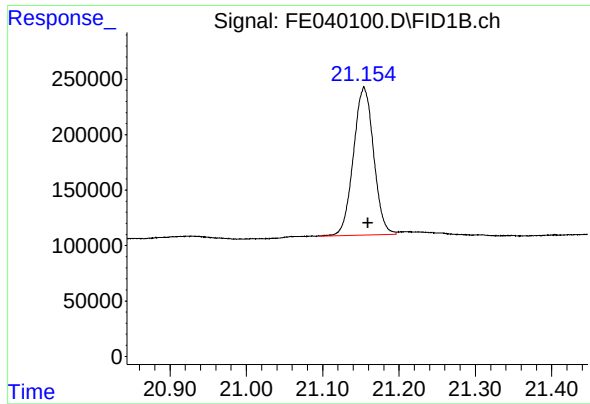
#19 n-Tetratriacontane (C34)

R.T.: 19.680 min
Delta R.T.: -0.003 min
Response: 2618660
Conc: 21.19 ug/ml



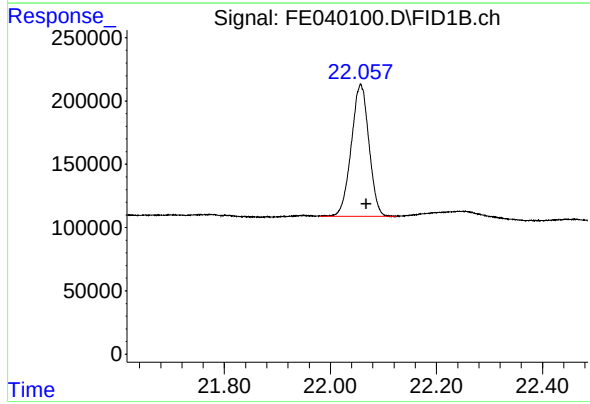
#20 n-Hexatriacontane (C36)

R.T.: 20.420 min
Delta R.T.: -0.005 min
Response: 2445301
Conc: 20.74 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.154 min
Delta R.T.: -0.006 min
Response: 2447559
Conc: 20.48 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 22.057 min
Delta R.T.: -0.011 min
Response: 2409942
Conc: 19.86 ug/ml