

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081525AL\
 Data File : FE055337.D
 Signal(s) : FID1B.ch
 Acq On : 15 Aug 2025 20:27
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 18 04:07:47 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080125.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 01 13:47:09 2025
 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)	12.081	2970626	20.802 ug/ml
Spiked Amount 50.000		Recovery =	41.60%
12) S 1-chlorooctadecane (S...	13.518	2269060	21.103 ug/ml
Spiked Amount 50.000		Recovery =	42.21%
Target Compounds			
1) T n-Nonane (C9)	3.419	2392821	20.849 ug/ml
2) T n-Decane (C10)	4.677	2425287	20.819 ug/ml
3) T A~Naphthalene (C11.7)	6.396	2766714	20.612 ug/ml
4) T n-Dodecane (C12)	6.852	2469434	20.737 ug/ml
5) T A~2-methylnaphthalene...	7.498	2674901	20.516 ug/ml
6) T n-Tetradecane (C14)	8.689	2512987	20.496 ug/ml
7) T n-Hexadecane (C16)	10.305	2627256	20.550 ug/ml
8) T n-Octadecane (C18)	11.754	2709224	20.764 ug/ml
10) T n-Eicosane (C20)	13.069	2621447	20.893 ug/ml
11) T n-Heneicosane (C21)	13.684	2565735	20.814 ug/ml
13) T n-Docosane (C22)	14.272	2542322	20.818 ug/ml
14) T n-Tetracosane (C24)	15.379	2524767	20.757 ug/ml
15) T n-Hexacosane (C26)	16.402	2480420	20.731 ug/ml
16) T n-Octacosane (C28)	17.354	2536990	21.387 ug/ml
17) T n-Tricontane (C30)	18.244	2831438	23.011 ug/ml
18) T n-Dotriacontane (C32)	19.079	3139846	25.734 ug/ml
19) T n-Tetratriacontane (C34)	19.863	3127980	26.753 ug/ml
20) T n-Hexatriacontane (C36)	20.604	2808618	25.697 ug/ml
21) T n-Octatriacontane (C38)	21.383	2586581	23.934 ug/ml
22) T n-Tetracontane (C40)	22.372	2346438	22.438 ug/ml

(f)=RT Delta > 1/2 Window

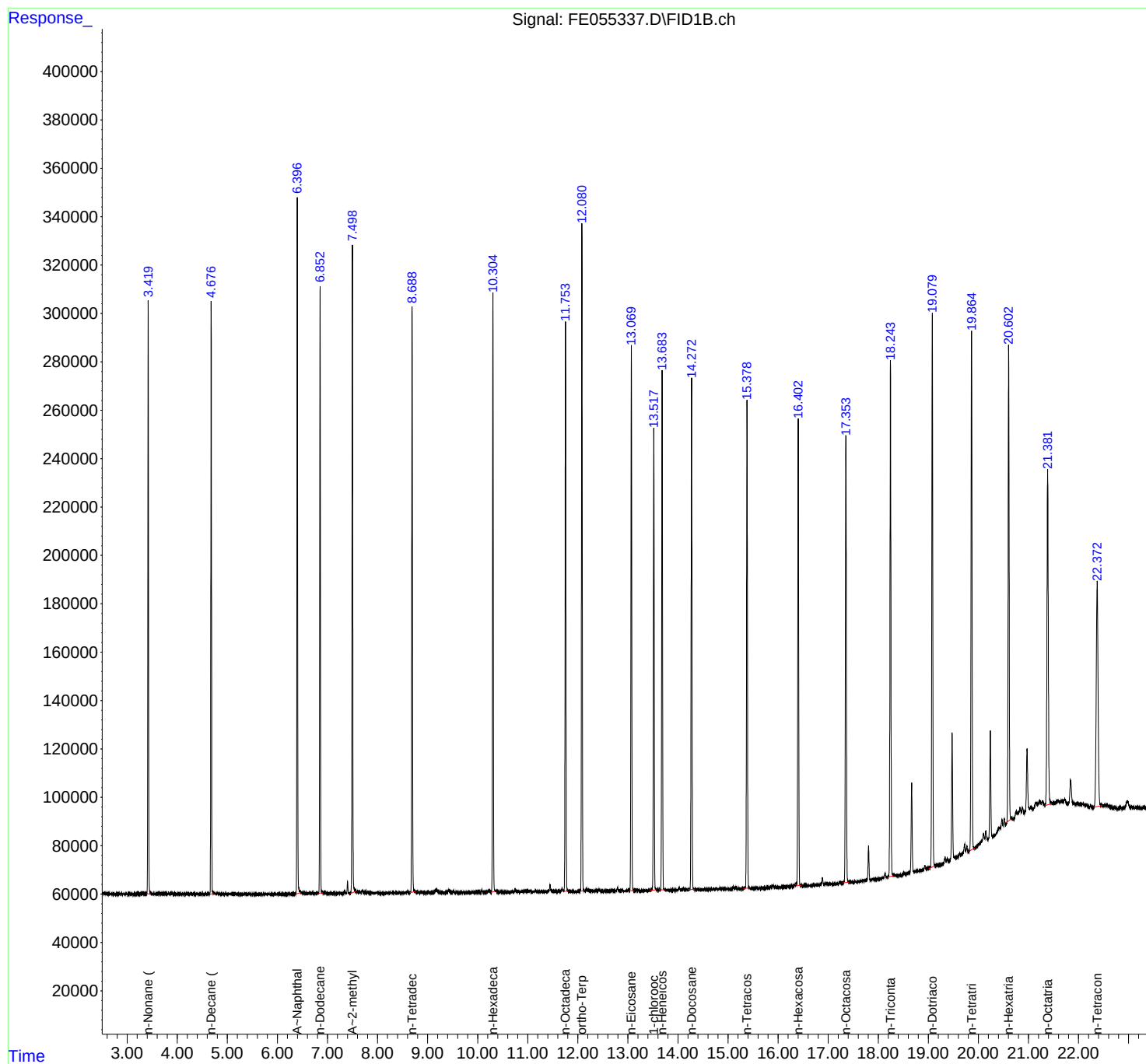
(m)=manual int.

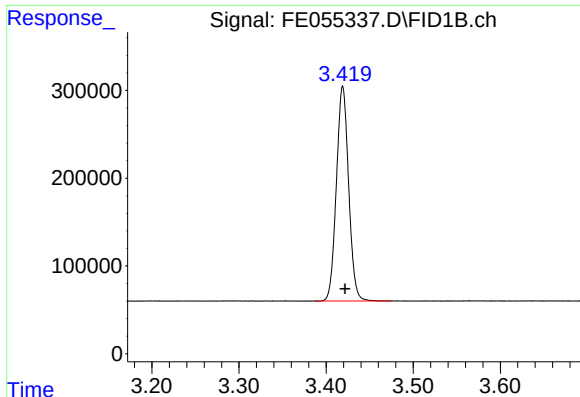
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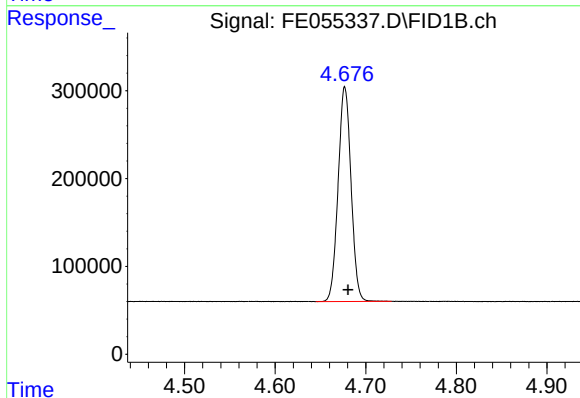




#1 n-Nonane (C9)

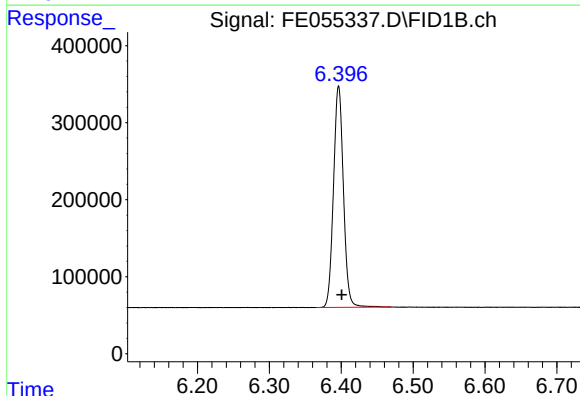
R.T.: 3.419 min
Delta R.T.: -0.003 min
Response: 2392821
Conc: 20.85 ug/ml

Instrument :
FID_C
ClientSampleId :



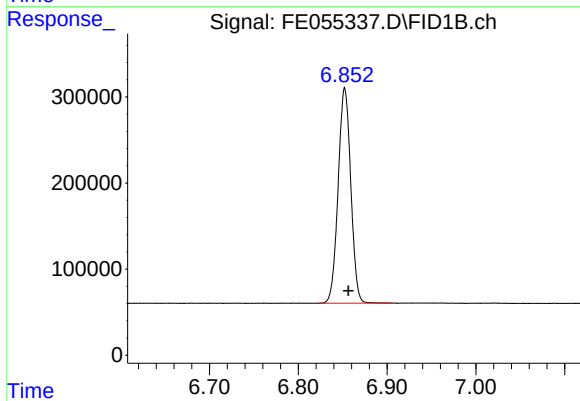
#2 n-Decane (C10)

R.T.: 4.677 min
Delta R.T.: -0.004 min
Response: 2425287
Conc: 20.82 ug/ml



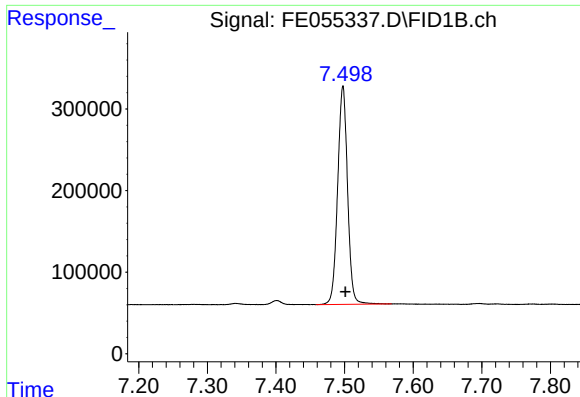
#3 A~Naphthalene (C11.7)

R.T.: 6.396 min
Delta R.T.: -0.004 min
Response: 2766714
Conc: 20.61 ug/ml



#4 n-Dodecane (C12)

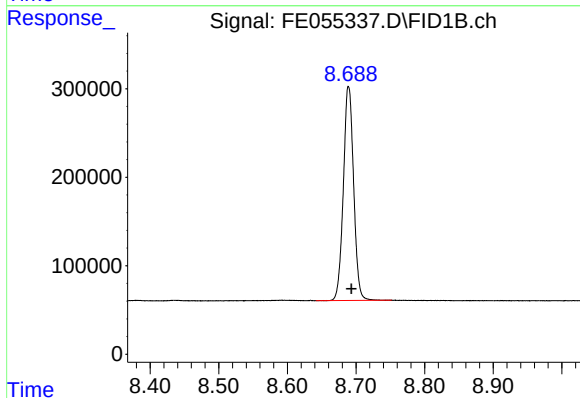
R.T.: 6.852 min
Delta R.T.: -0.004 min
Response: 2469434
Conc: 20.74 ug/ml



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

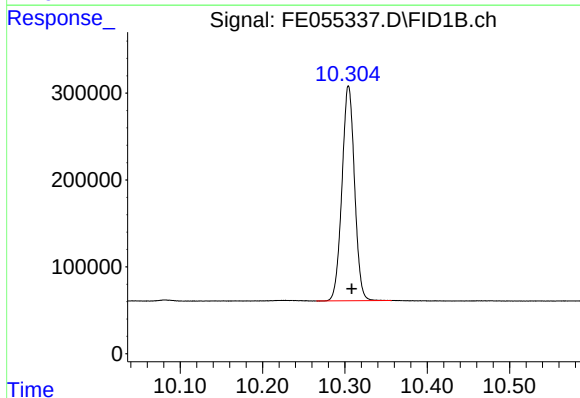
R.T.: 7.498 min
Delta R.T.: -0.004 min
Response: 2674901
Conc: 20.52 ug/ml

Instrument :
FID_C
ClientSampleId :



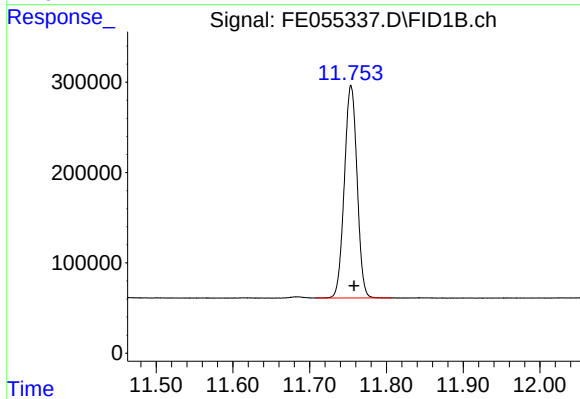
#6 n-Tetradecane (C14)

R.T.: 8.689 min
Delta R.T.: -0.004 min
Response: 2512987
Conc: 20.50 ug/ml



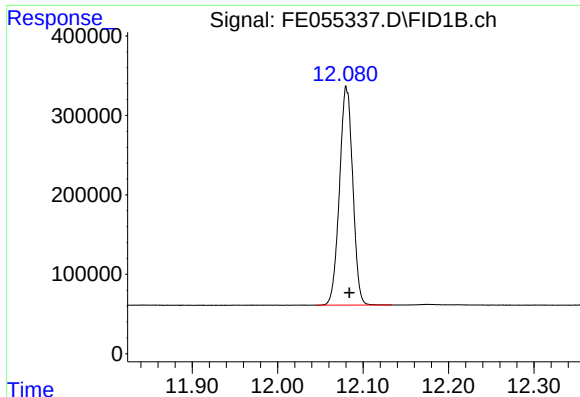
#7 n-Hexadecane (C16)

R.T.: 10.305 min
Delta R.T.: -0.004 min
Response: 2627256
Conc: 20.55 ug/ml



#8 n-Octadecane (C18)

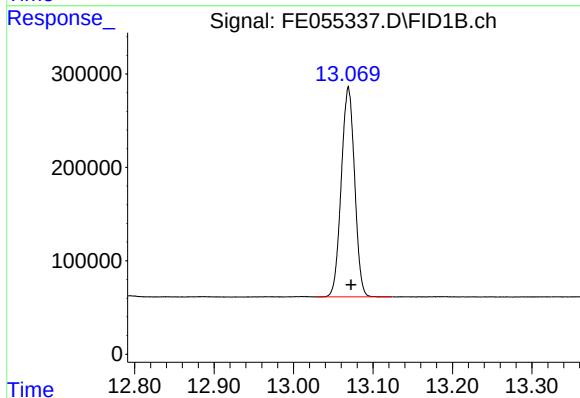
R.T.: 11.754 min
Delta R.T.: -0.004 min
Response: 2709224
Conc: 20.76 ug/ml



#9 ortho-Terphenyl (SURR)

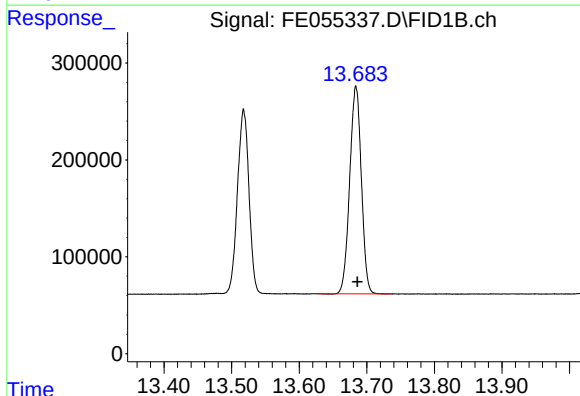
R.T.: 12.081 min
Delta R.T.: -0.003 min
Response: 2970626
Conc: 20.80 ug/ml

Instrument :
FID_C
ClientSampleId :



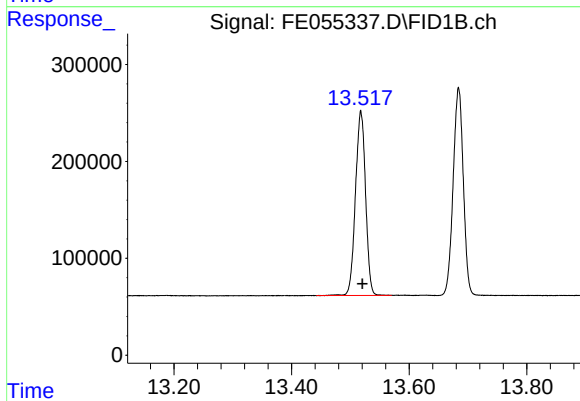
#10 n-Eicosane (C20)

R.T.: 13.069 min
Delta R.T.: -0.003 min
Response: 2621447
Conc: 20.89 ug/ml



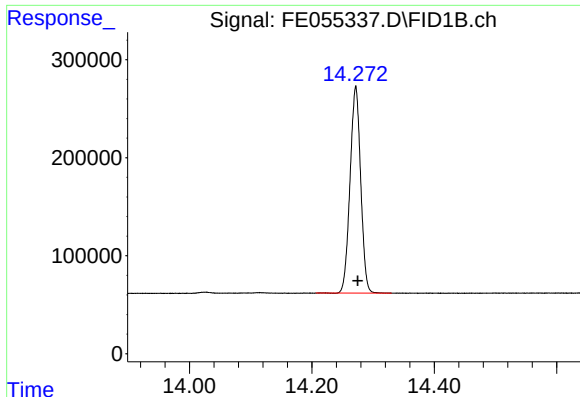
#11 n-Heneicosane (C21)

R.T.: 13.684 min
Delta R.T.: -0.002 min
Response: 2565735
Conc: 20.81 ug/ml



#12 1-chlorooctadecane (SURR)

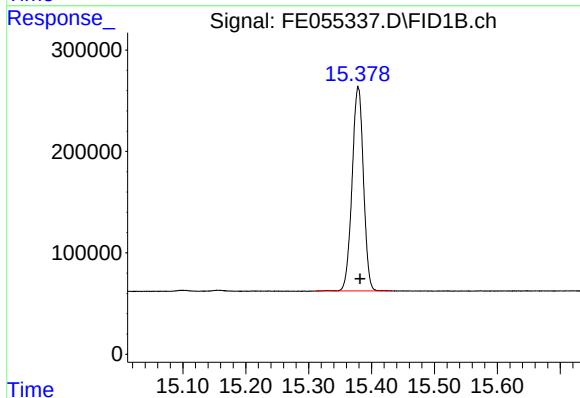
R.T.: 13.518 min
Delta R.T.: -0.002 min
Response: 2269060
Conc: 21.10 ug/ml



#13 n-Docosane (C22)

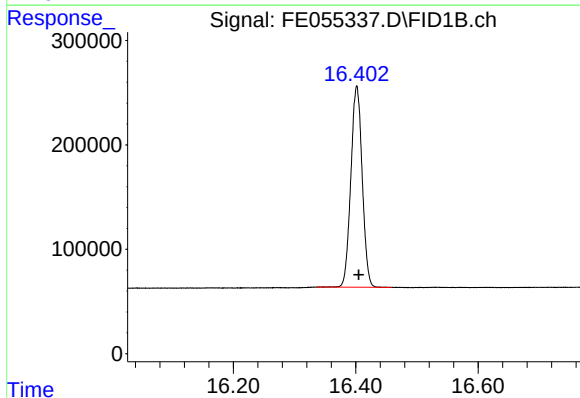
R.T.: 14.272 min
Delta R.T.: -0.003 min
Response: 2542322
Conc: 20.82 ug/ml

Instrument :
FID_C
ClientSampleId :



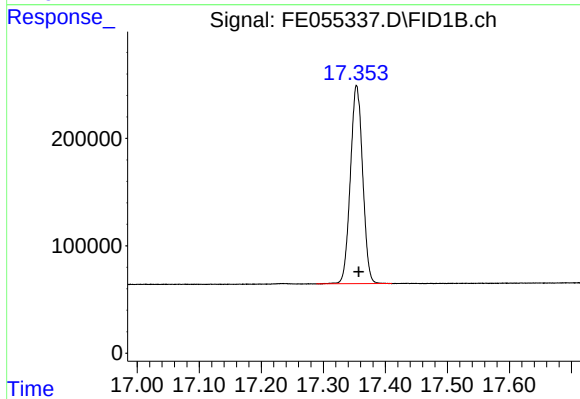
#14 n-Tetracosane (C24)

R.T.: 15.379 min
Delta R.T.: -0.003 min
Response: 2524767
Conc: 20.76 ug/ml



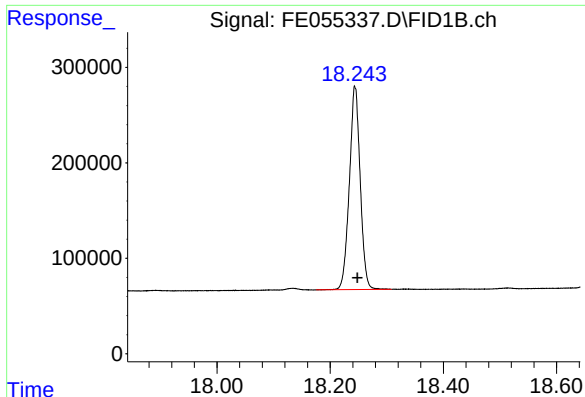
#15 n-Hexacosane (C26)

R.T.: 16.402 min
Delta R.T.: -0.003 min
Response: 2480420
Conc: 20.73 ug/ml



#16 n-Octacosane (C28)

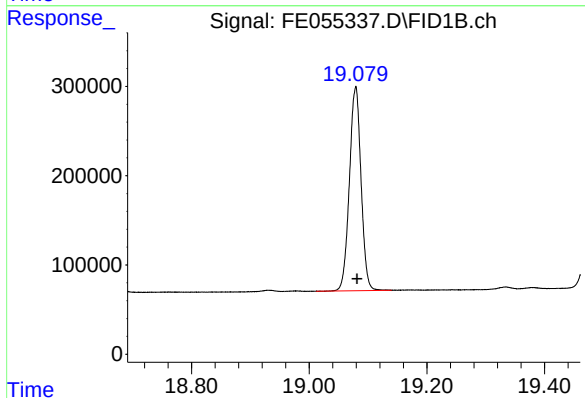
R.T.: 17.354 min
Delta R.T.: -0.003 min
Response: 2536990
Conc: 21.39 ug/ml



#17 n-Tricontane (C30)

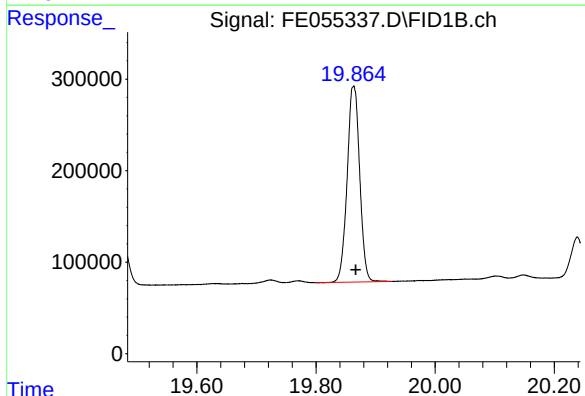
R.T.: 18.244 min
Delta R.T.: -0.004 min
Response: 2831438
Conc: 23.01 ug/ml

Instrument :
FID_C
ClientSampleId :



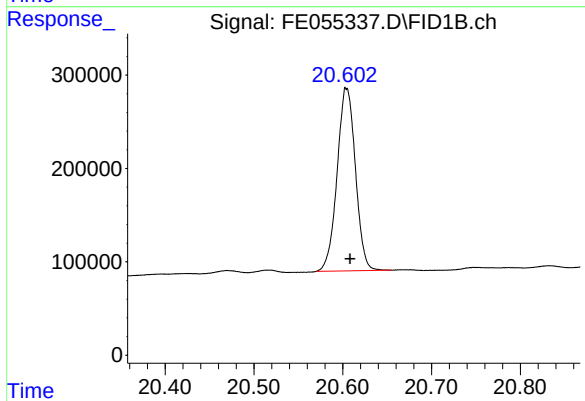
#18 n-Dotriacontane (C32)

R.T.: 19.079 min
Delta R.T.: -0.003 min
Response: 3139846
Conc: 25.73 ug/ml



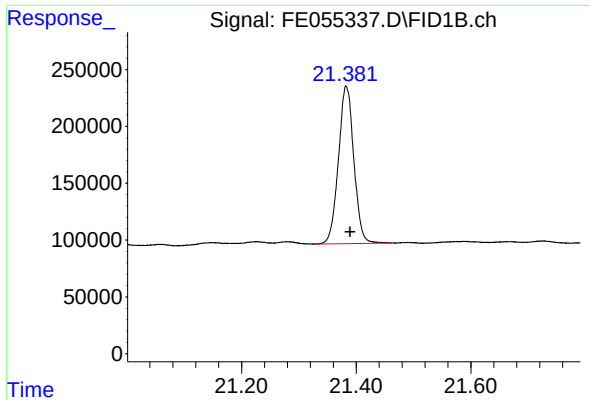
#19 n-Tetratriacontane (C34)

R.T.: 19.863 min
Delta R.T.: -0.004 min
Response: 3127980
Conc: 26.75 ug/ml



#20 n-Hexatriacontane (C36)

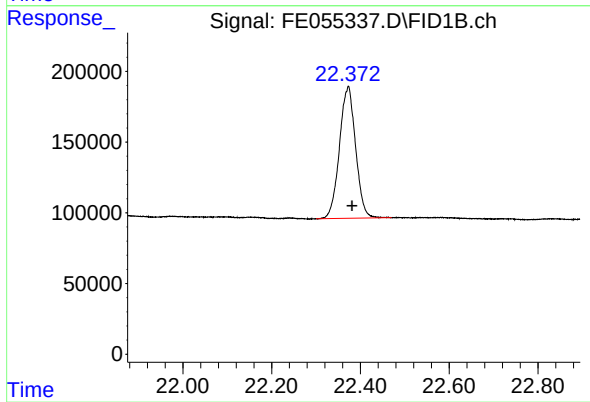
R.T.: 20.604 min
Delta R.T.: -0.004 min
Response: 2808618
Conc: 25.70 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.383 min
Delta R.T.: -0.007 min
Response: 2586581
Conc: 23.93 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.372 min
Delta R.T.: -0.008 min
Response: 2346438
Conc: 22.44 ug/ml