

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081525AL\
 Data File : FE055349.D
 Signal(s) : FID1B.ch
 Acq On : 16 Aug 2025 04:04
 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 04:11:39 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)	12.080	2994387	20.969 ug/ml
Spiked Amount 50.000		Recovery =	41.94%
12) S 1-chlorooctadecane (S...	13.516	2284657	21.248 ug/ml
Spiked Amount 50.000		Recovery =	42.50%
Target Compounds			
1) T n-Nonane (C9)	3.418	2394322	20.862 ug/ml
2) T n-Decane (C10)	4.676	2425874	20.824 ug/ml
3) T A~Naphthalene (C11.7)	6.396	2777969	20.696 ug/ml
4) T n-Dodecane (C12)	6.852	2479113	20.819 ug/ml
5) T A~2-methylnaphthalene...	7.497	2683660	20.583 ug/ml
6) T n-Tetradecane (C14)	8.689	2530976	20.642 ug/ml
7) T n-Hexadecane (C16)	10.304	2631594	20.584 ug/ml
8) T n-Octadecane (C18)	11.754	2728561	20.913 ug/ml
10) T n-Eicosane (C20)	13.068	2635617	21.006 ug/ml
11) T n-Heneicosane (C21)	13.683	2583316	20.957 ug/ml
13) T n-Docosane (C22)	14.271	2561029	20.971 ug/ml
14) T n-Tetracosane (C24)	15.377	2543132	20.908 ug/ml
15) T n-Hexacosane (C26)	16.401	2522207	21.081 ug/ml
16) T n-Octacosane (C28)	17.353	2510827	21.166 ug/ml
17) T n-Tricontane (C30)	18.244	2605075	21.171 ug/ml
18) T n-Dotriacontane (C32)	19.078	2640396	21.641 ug/ml
19) T n-Tetratriacontane (C34)	19.863	2514680	21.508 ug/ml
20) T n-Hexatriacontane (C36)	20.604	2334253	21.357 ug/ml
21) T n-Octatriacontane (C38)	21.383	2297706	21.261 ug/ml
22) T n-Tetracontane (C40)	22.371	2219005	21.219 ug/ml

(f)=RT Delta > 1/2 Window

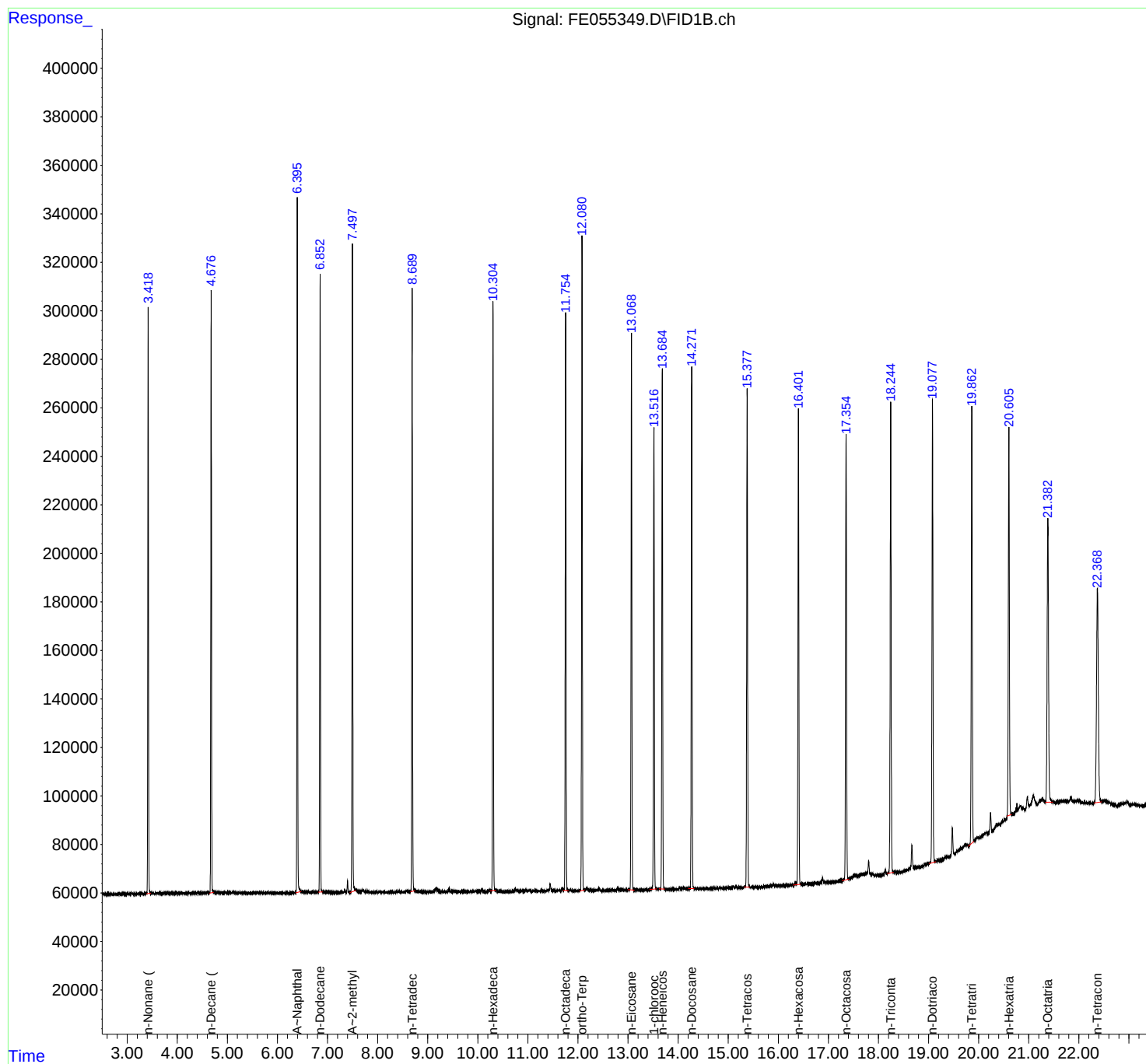
(m)=manual int.

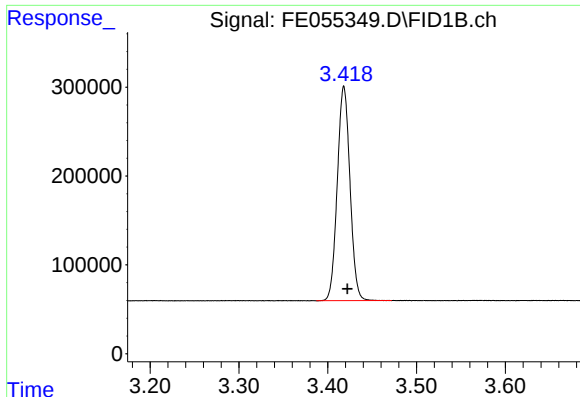
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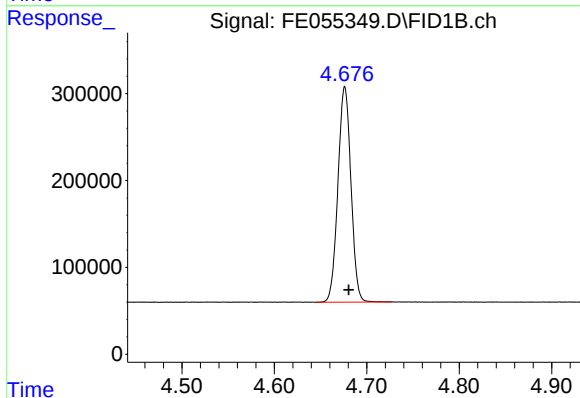




#1 n-Nonane (C9)

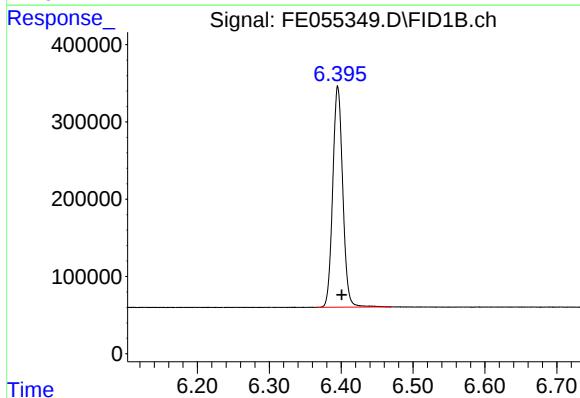
R.T.: 3.418 min
Delta R.T.: -0.004 min
Response: 2394322
Conc: 20.86 ug/ml

Instrument :
FID_C
ClientSampleId :



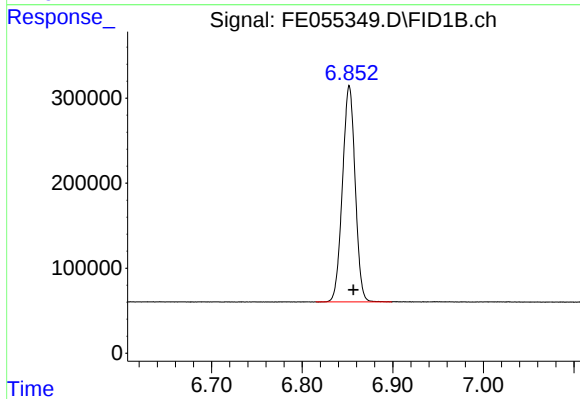
#2 n-Decane (C10)

R.T.: 4.676 min
Delta R.T.: -0.004 min
Response: 2425874
Conc: 20.82 ug/ml



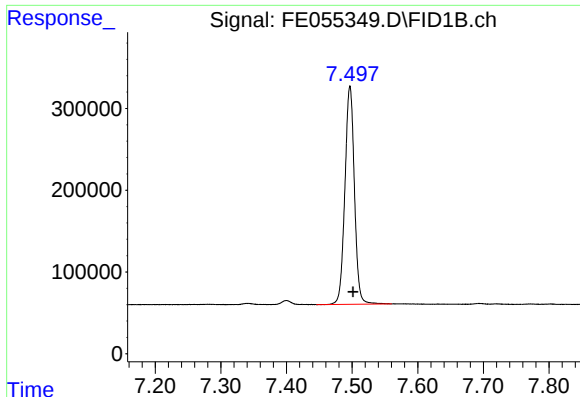
#3 A~Naphthalene (C11.7)

R.T.: 6.396 min
Delta R.T.: -0.005 min
Response: 2777969
Conc: 20.70 ug/ml



#4 n-Dodecane (C12)

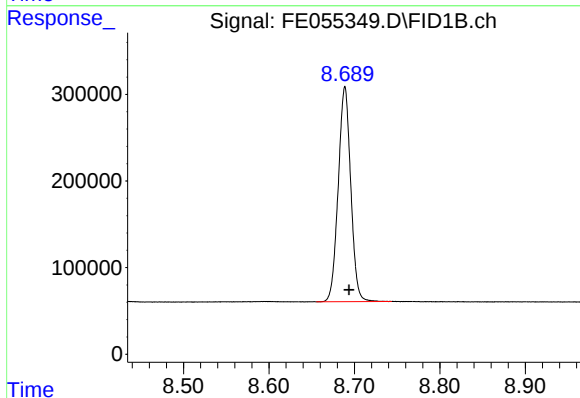
R.T.: 6.852 min
Delta R.T.: -0.004 min
Response: 2479113
Conc: 20.82 ug/ml



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

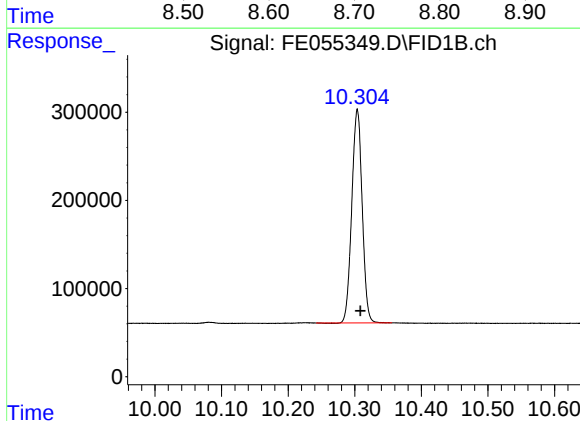
R.T.: 7.497 min
Delta R.T.: -0.005 min
Response: 2683660
Conc: 20.58 ug/ml

Instrument :
FID_C
ClientSampleId :



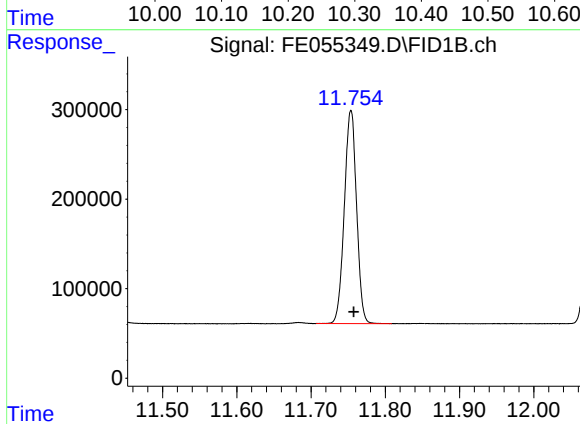
#6 n-Tetradecane (C14)

R.T.: 8.689 min
Delta R.T.: -0.005 min
Response: 2530976
Conc: 20.64 ug/ml



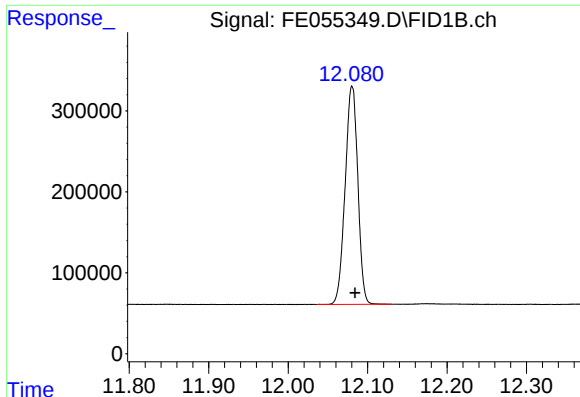
#7 n-Hexadecane (C16)

R.T.: 10.304 min
Delta R.T.: -0.005 min
Response: 2631594
Conc: 20.58 ug/ml



#8 n-Octadecane (C18)

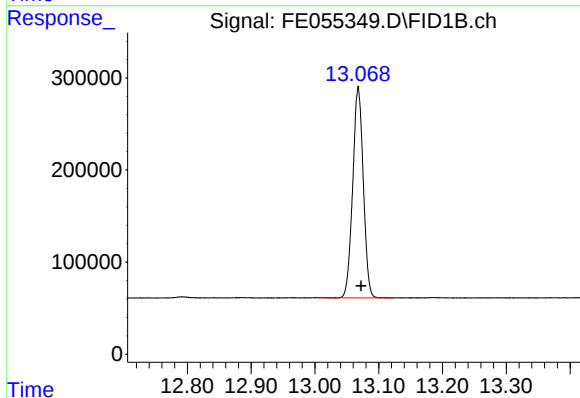
R.T.: 11.754 min
Delta R.T.: -0.004 min
Response: 2728561
Conc: 20.91 ug/ml



#9 ortho-Terphenyl (SURR)

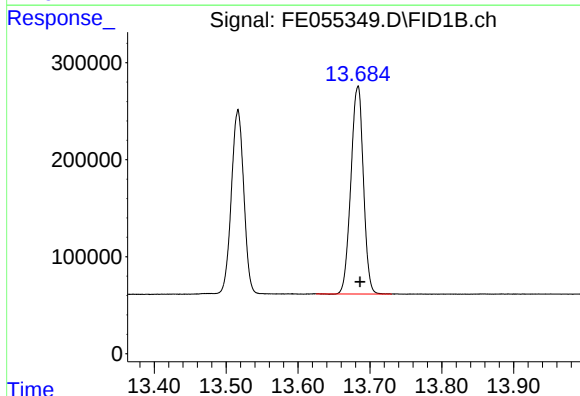
R.T.: 12.080 min
Delta R.T.: -0.004 min
Response: 2994387
Conc: 20.97 ug/ml

Instrument :
FID_C
ClientSampleId :



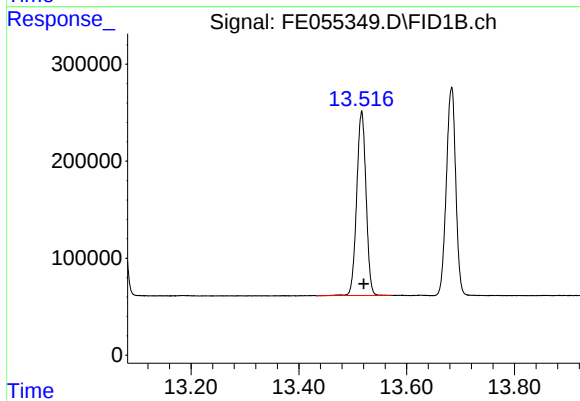
#10 n-Eicosane (C20)

R.T.: 13.068 min
Delta R.T.: -0.004 min
Response: 2635617
Conc: 21.01 ug/ml



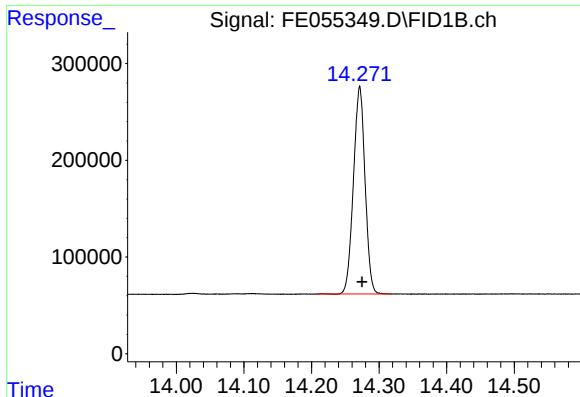
#11 n-Heneicosane (C21)

R.T.: 13.683 min
Delta R.T.: -0.003 min
Response: 2583316
Conc: 20.96 ug/ml



#12 1-chlorooctadecane (SURR)

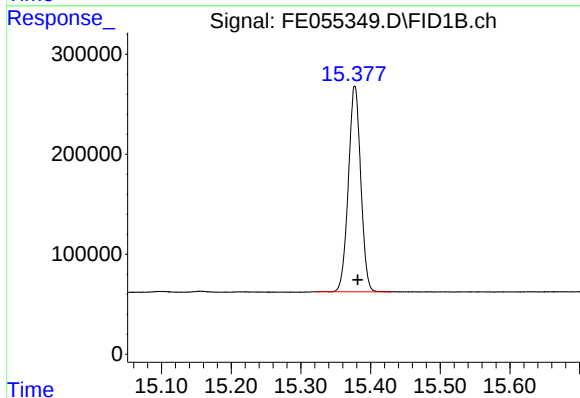
R.T.: 13.516 min
Delta R.T.: -0.004 min
Response: 2284657
Conc: 21.25 ug/ml



#13 n-Docosane (C22)

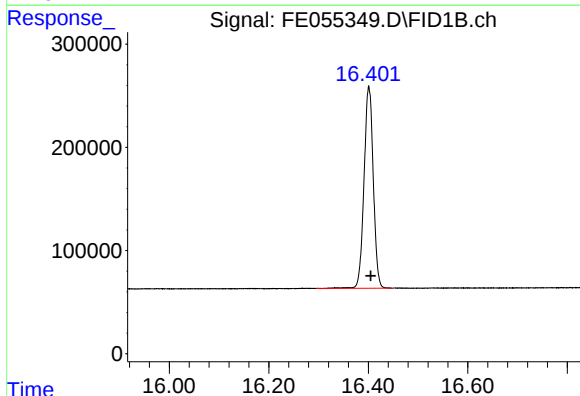
R.T.: 14.271 min
Delta R.T.: -0.004 min
Response: 2561029
Conc: 20.97 ug/ml

Instrument :
FID_C
ClientSampleId :



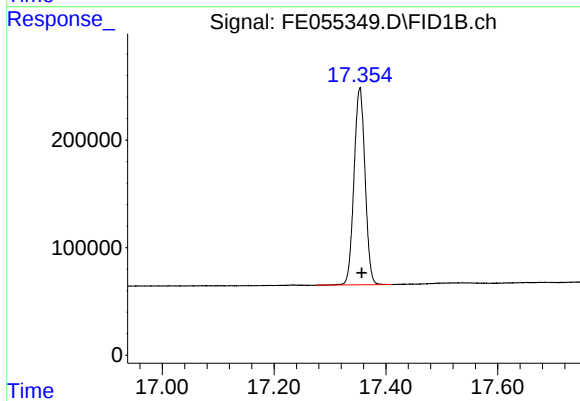
#14 n-Tetracosane (C24)

R.T.: 15.377 min
Delta R.T.: -0.004 min
Response: 2543132
Conc: 20.91 ug/ml



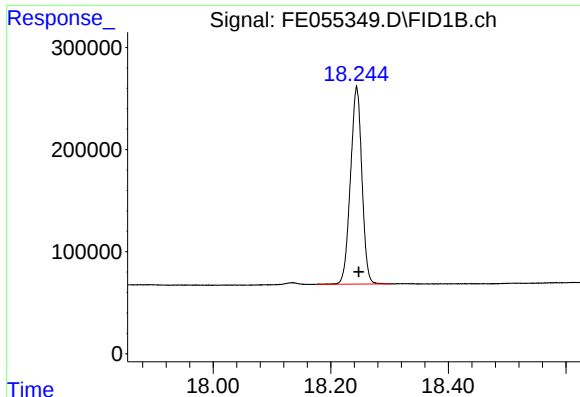
#15 n-Hexacosane (C26)

R.T.: 16.401 min
Delta R.T.: -0.004 min
Response: 2522207
Conc: 21.08 ug/ml



#16 n-Octacosane (C28)

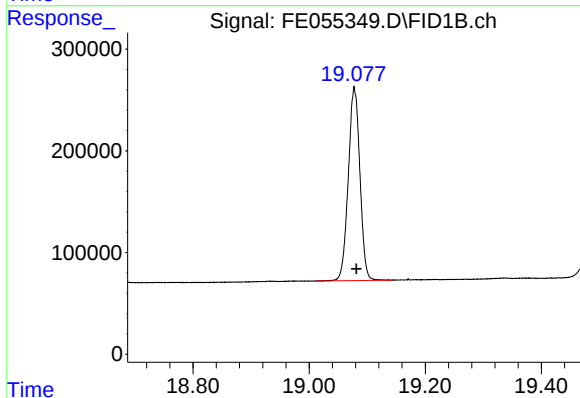
R.T.: 17.353 min
Delta R.T.: -0.004 min
Response: 2510827
Conc: 21.17 ug/ml



#17 n-Tricontane (C30)

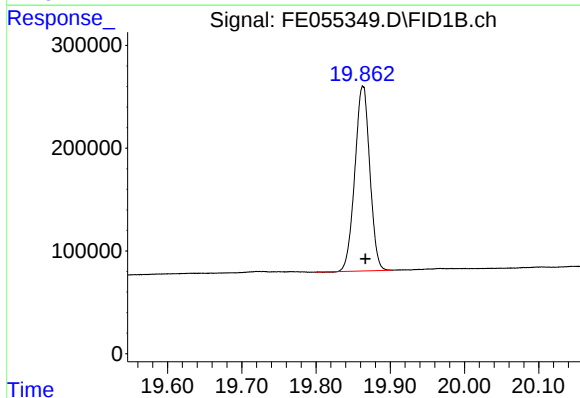
R.T.: 18.244 min
Delta R.T.: -0.004 min
Response: 2605075
Conc: 21.17 ug/ml

Instrument :
FID_C
ClientSampleId :



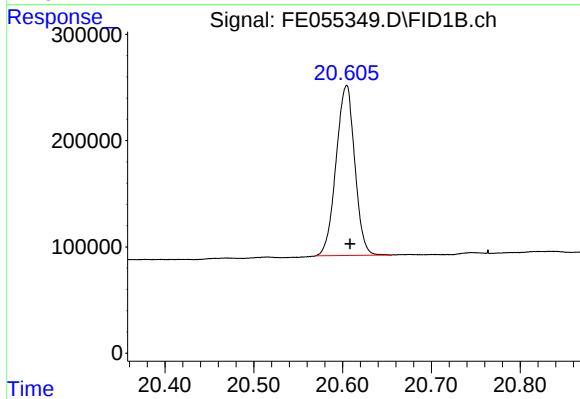
#18 n-Dotriacontane (C32)

R.T.: 19.078 min
Delta R.T.: -0.004 min
Response: 2640396
Conc: 21.64 ug/ml



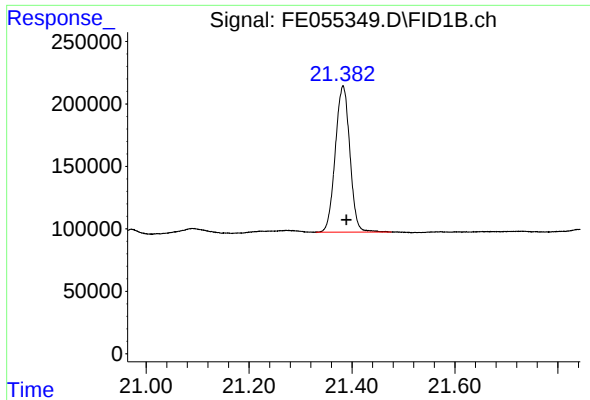
#19 n-Tetratriacontane (C34)

R.T.: 19.863 min
Delta R.T.: -0.004 min
Response: 2514680
Conc: 21.51 ug/ml



#20 n-Hexatriacontane (C36)

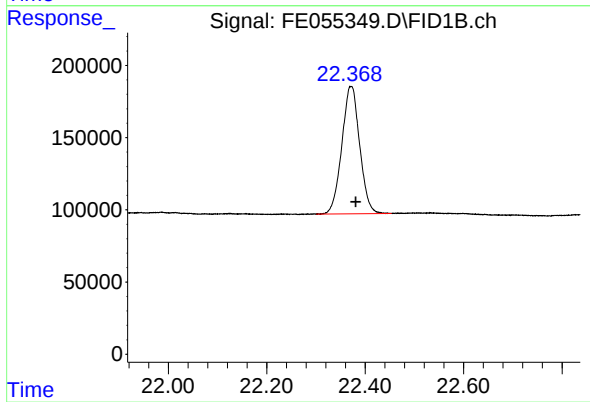
R.T.: 20.604 min
Delta R.T.: -0.004 min
Response: 2334253
Conc: 21.36 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.383 min
Delta R.T.: -0.007 min
Response: 2297706
Conc: 21.26 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.371 min
Delta R.T.: -0.009 min
Response: 2219005
Conc: 21.22 ug/ml