

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090925AL\
 Data File : FE055731.D
 Signal(s) : FID1B.ch
 Acq On : 09 Sep 2025 08:18
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 09 11:39:02 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 082925.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 29 08:12:09 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)	12.079	3073289	18.707 ug/ml
Spiked Amount 50.000		Recovery =	37.41%
12) S 1-chlorooctadecane (S...	13.515	2314467	18.509 ug/ml
Spiked Amount 50.000		Recovery =	37.02%
Target Compounds			
1) T n-Nonane (C9)	3.415	2331016	18.369 ug/ml
2) T n-Decane (C10)	4.673	2464735	19.241 ug/ml
3) T A~Naphthalene (C11.7)	6.394	2751819	18.940 ug/ml
4) T n-Dodecane (C12)	6.849	2525758	19.397 ug/ml
5) T A~2-methylnaphthalene...	7.495	2673563	19.009 ug/ml
6) T n-Tetradecane (C14)	8.687	2552754	19.384 ug/ml
7) T n-Hexadecane (C16)	10.302	2690021	19.423 ug/ml
8) T n-Octadecane (C18)	11.752	2782482	19.076 ug/ml
10) T n-Eicosane (C20)	13.067	2707120	18.806 ug/ml
11) T n-Heneicosane (C21)	13.682	2662723	18.641 ug/ml
13) T n-Docosane (C22)	14.270	2666847	18.630 ug/ml
14) T n-Tetracosane (C24)	15.377	2689565	18.587 ug/ml
15) T n-Hexacosane (C26)	16.402	2644190	18.509 ug/ml
16) T n-Octacosane (C28)	17.353	2685673	18.882 ug/ml
17) T n-Tricontane (C30)	18.243	2891286	19.560 ug/ml
18) T n-Dotriacontane (C32)	19.078	3033971	20.671 ug/ml
19) T n-Tetratriacontane (C34)	19.863	2874731	20.347 ug/ml
20) T n-Hexatriacontane (C36)	20.605	2683555	20.337 ug/ml
21) T n-Octatriacontane (C38)	21.383	2608064	20.025 ug/ml
22) T n-Tetracontane (C40)	22.371	2308190	17.999 ug/ml

(f)=RT Delta > 1/2 Window

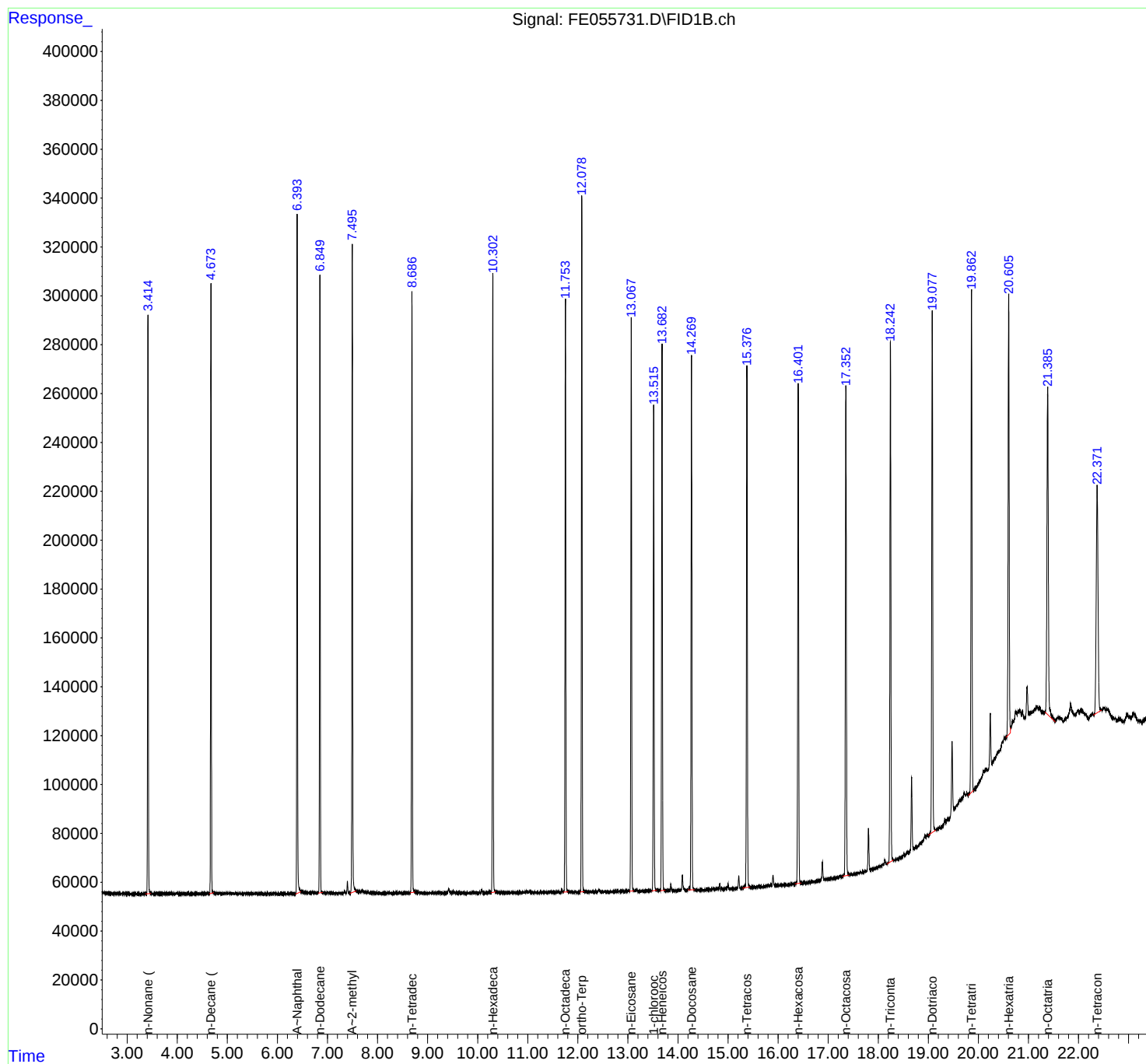
(m)=manual int.

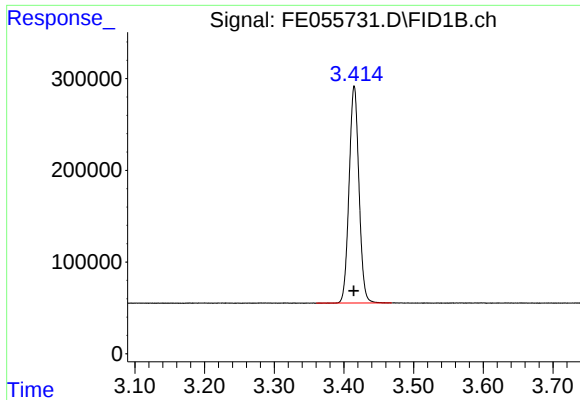
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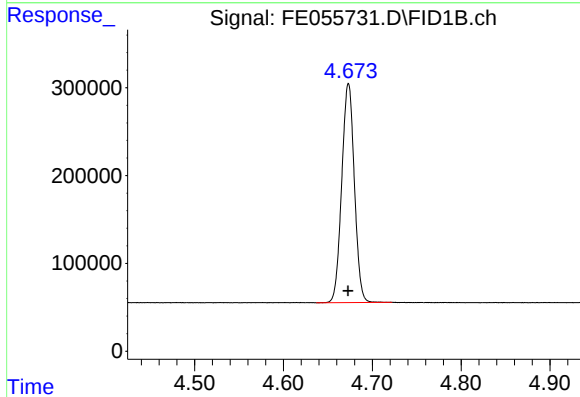




#1 n-Nonane (C9)

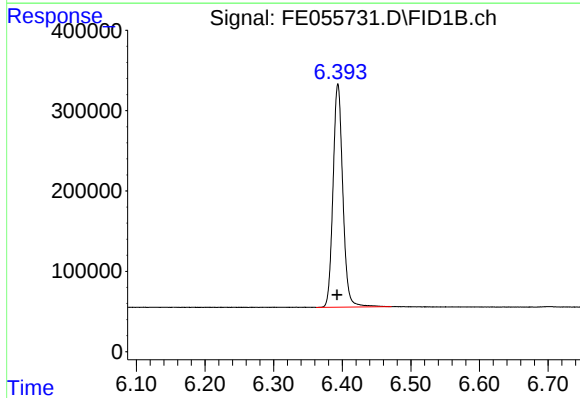
R.T.: 3.415 min
Delta R.T.: 0.000 min
Response: 2331016
Conc: 18.37 ug/ml

Instrument :
FID_E
ClientSampleId :



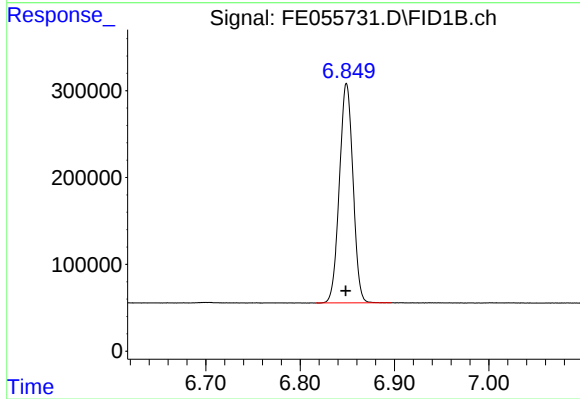
#2 n-Decane (C10)

R.T.: 4.673 min
Delta R.T.: 0.000 min
Response: 2464735
Conc: 19.24 ug/ml



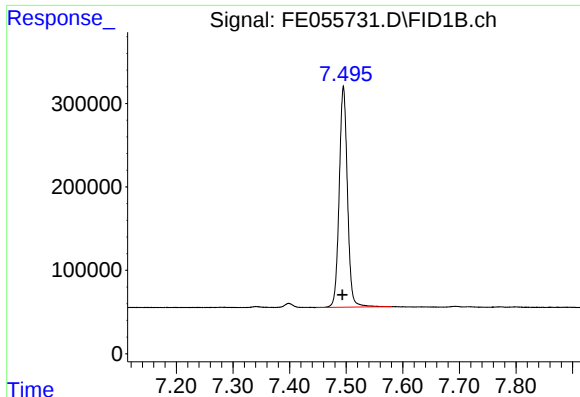
#3 A~Naphthalene (C11.7)

R.T.: 6.394 min
Delta R.T.: 0.002 min
Response: 2751819
Conc: 18.94 ug/ml



#4 n-Dodecane (C12)

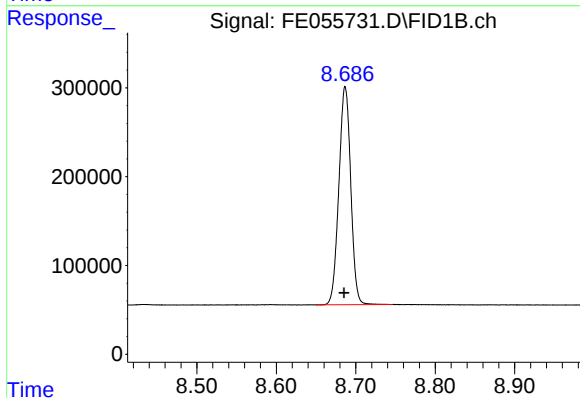
R.T.: 6.849 min
Delta R.T.: 0.000 min
Response: 2525758
Conc: 19.40 ug/ml



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

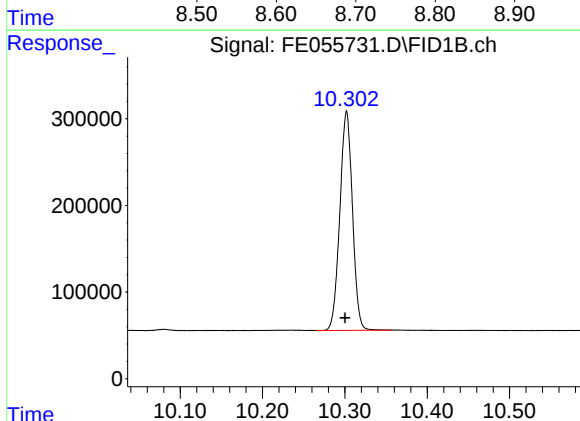
R.T.: 7.495 min
Delta R.T.: 0.002 min
Response: 2673563
Conc: 19.01 ug/ml

Instrument :
FID_E
ClientSampleId :



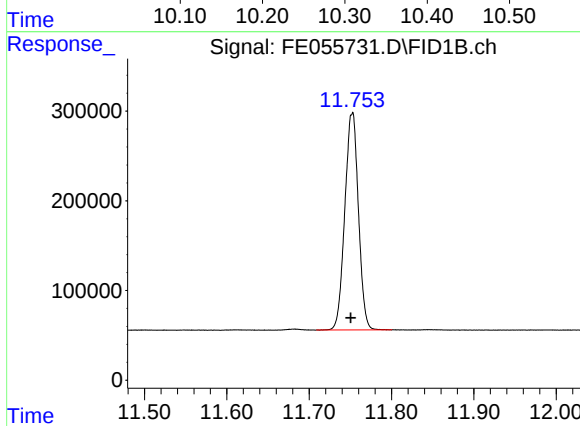
#6 n-Tetradecane (C14)

R.T.: 8.687 min
Delta R.T.: 0.001 min
Response: 2552754
Conc: 19.38 ug/ml



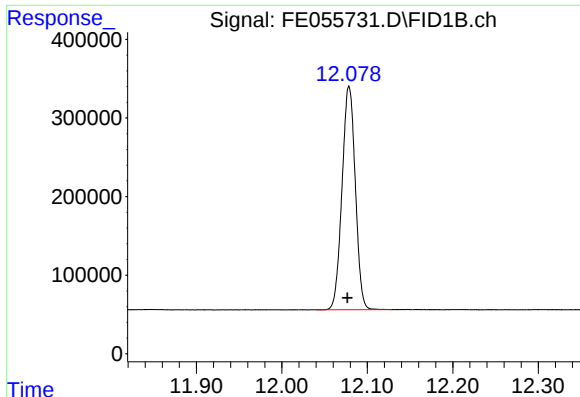
#7 n-Hexadecane (C16)

R.T.: 10.302 min
Delta R.T.: 0.002 min
Response: 2690021
Conc: 19.42 ug/ml



#8 n-Octadecane (C18)

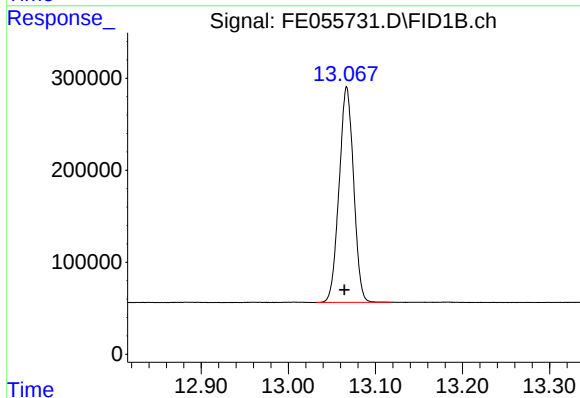
R.T.: 11.752 min
Delta R.T.: 0.002 min
Response: 2782482
Conc: 19.08 ug/ml



#9 ortho-Terphenyl (SURR)

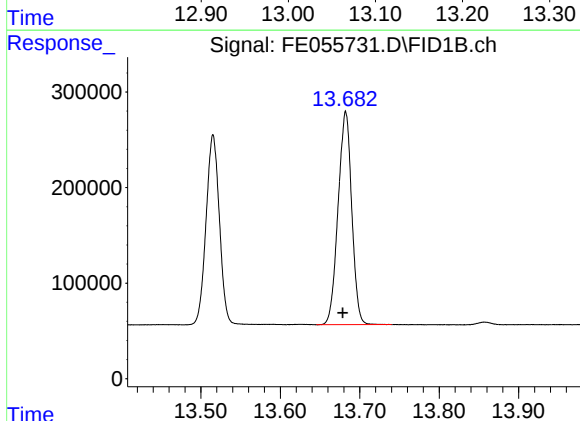
R.T.: 12.079 min
Delta R.T.: 0.002 min
Response: 3073289
Conc: 18.71 ug/ml

Instrument :
FID_E
ClientSampleId :



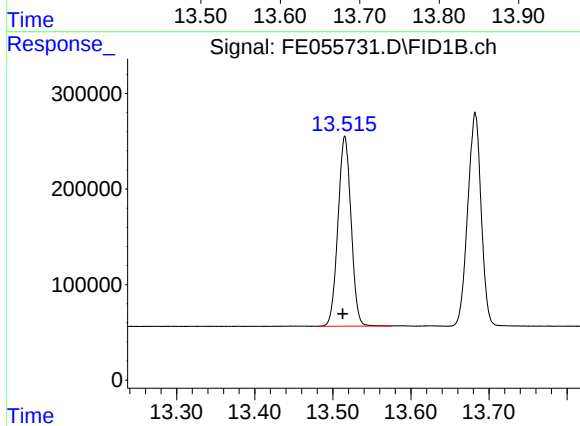
#10 n-Eicosane (C20)

R.T.: 13.067 min
Delta R.T.: 0.003 min
Response: 2707120
Conc: 18.81 ug/ml



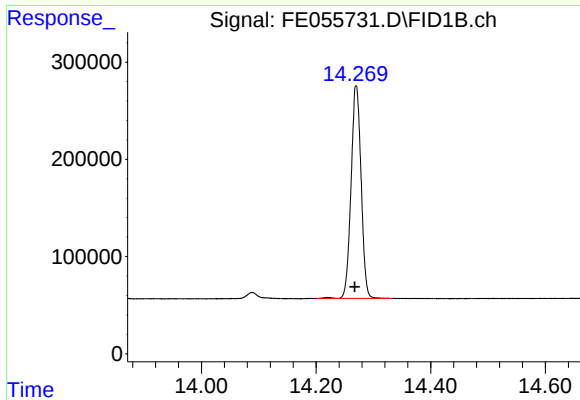
#11 n-Heneicosane (C21)

R.T.: 13.682 min
Delta R.T.: 0.003 min
Response: 2662723
Conc: 18.64 ug/ml



#12 1-chlorooctadecane (SURR)

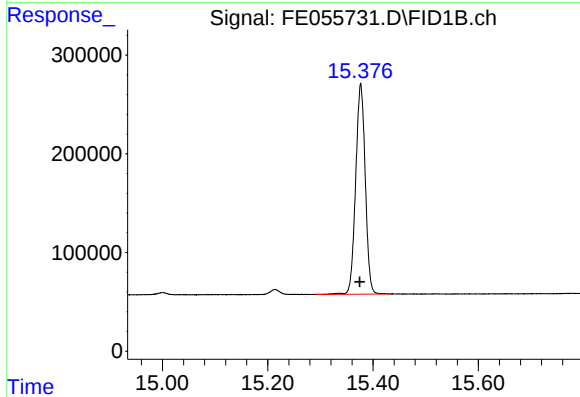
R.T.: 13.515 min
Delta R.T.: 0.003 min
Response: 2314467
Conc: 18.51 ug/ml



#13 n-Docosane (C22)

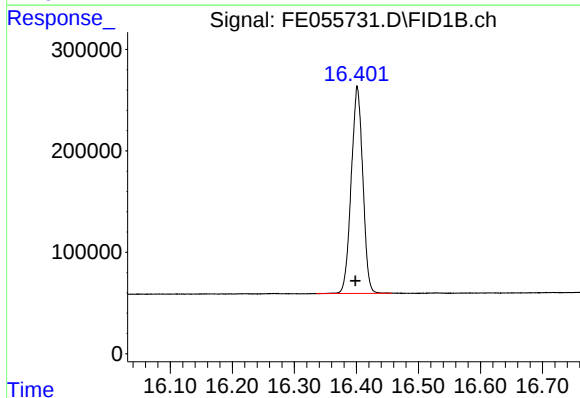
R.T.: 14.270 min
Delta R.T.: 0.003 min
Response: 2666847
Conc: 18.63 ug/ml

Instrument :
FID_E
ClientSampleId :



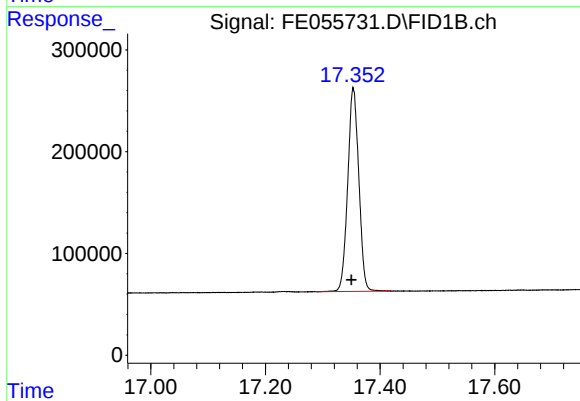
#14 n-Tetracosane (C24)

R.T.: 15.377 min
Delta R.T.: 0.002 min
Response: 2689565
Conc: 18.59 ug/ml



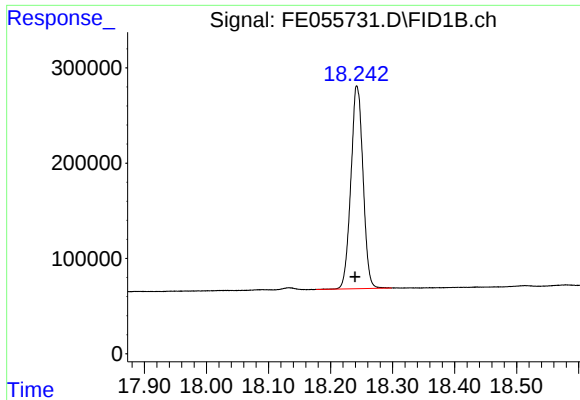
#15 n-Hexacosane (C26)

R.T.: 16.402 min
Delta R.T.: 0.003 min
Response: 2644190
Conc: 18.51 ug/ml



#16 n-Octacosane (C28)

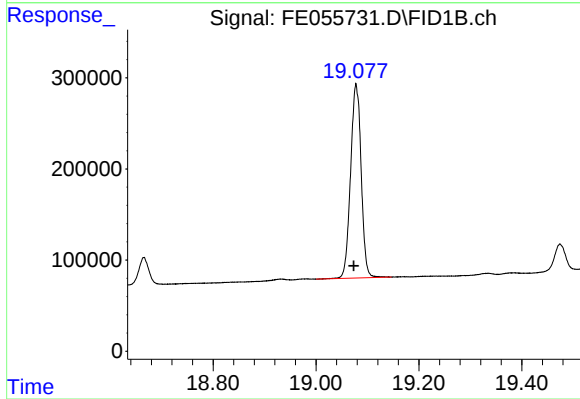
R.T.: 17.353 min
Delta R.T.: 0.003 min
Response: 2685673
Conc: 18.88 ug/ml



#17 n-Tricontane (C30)

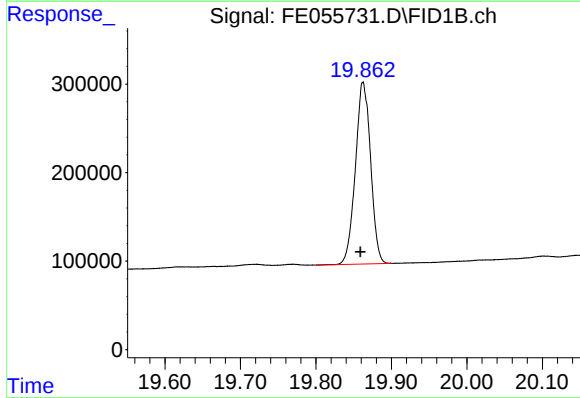
R.T.: 18.243 min
Delta R.T.: 0.003 min
Response: 2891286
Conc: 19.56 ug/ml

Instrument :
FID_E
ClientSampleId :



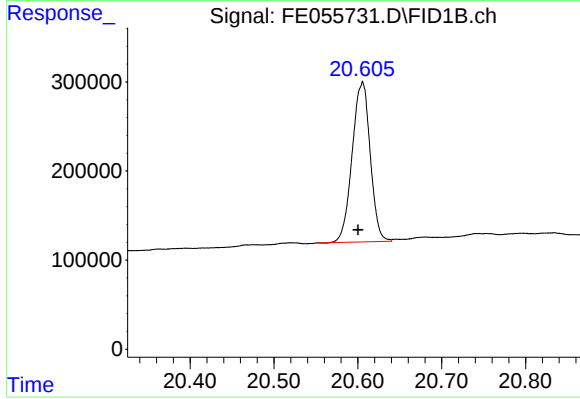
#18 n-Dotriacontane (C32)

R.T.: 19.078 min
Delta R.T.: 0.005 min
Response: 3033971
Conc: 20.67 ug/ml



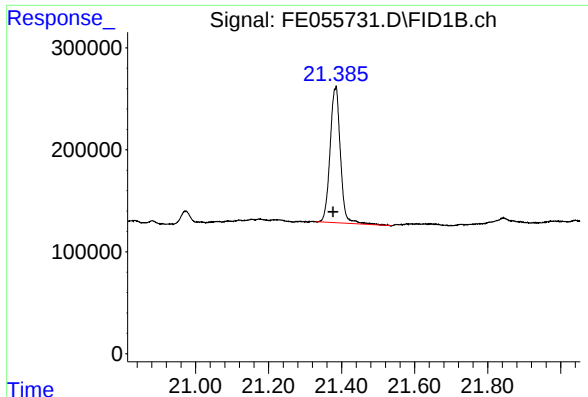
#19 n-Tetratriacontane (C34)

R.T.: 19.863 min
Delta R.T.: 0.004 min
Response: 2874731
Conc: 20.35 ug/ml



#20 n-Hexatriacontane (C36)

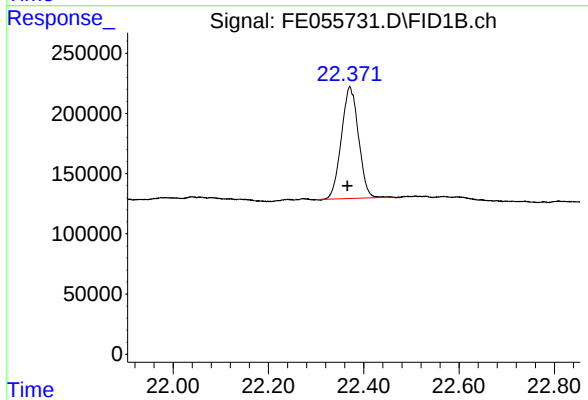
R.T.: 20.605 min
Delta R.T.: 0.005 min
Response: 2683555
Conc: 20.34 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.383 min
Delta R.T.: 0.006 min
Response: 2608064
Conc: 20.03 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.371 min
Delta R.T.: 0.005 min
Response: 2308190
Conc: 18.00 ug/ml