

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101725AL\
 Data File : FE056353.D
 Signal(s) : FID1B.ch
 Acq On : 16 Oct 2025 18:30
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD3
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e
 Quant Time: Oct 17 08:23:19 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 101725.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 17 08:21:56 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)	12.052	3826772	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
12) S 1-chlorooctadecane (S...	13.489	2867313	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T n-Nonane (C9)	3.399	3073653	20.000 ug/ml
2) T n-Decane (C10)	4.652	3104239	20.000 ug/ml
3) T A~Naphthalene (C11.7)	6.369	3362356	20.000 ug/ml
4) T n-Dodecane (C12)	6.826	3153360	20.000 ug/ml
5) T A~2-methylnaphthalene...	7.470	3198353	20.000 ug/ml
6) T n-Tetradecane (C14)	8.662	3124392	20.000 ug/ml
7) T n-Hexadecane (C16)	10.277	3294820	20.000 ug/ml
8) T n-Octadecane (C18)	11.727	3417372	20.000 ug/ml
10) T n-Eicosane (C20)	13.041	3319985	20.000 ug/ml
11) T n-Heneicosane (C21)	13.655	3280295	20.000 ug/ml
13) T n-Docosane (C22)	14.244	3251010	20.000 ug/ml
14) T n-Tetracosane (C24)	15.351	3242751	20.000 ug/ml
15) T n-Hexacosane (C26)	16.375	3181322	20.000 ug/ml
16) T n-Octacosane (C28)	17.327	3095047	20.000 ug/ml
17) T n-Tricontane (C30)	18.217	3132258	20.000 ug/ml
18) T n-Dotriacontane (C32)	19.052	2999317	20.000 ug/ml
19) T n-Tetratriacontane (C34)	19.836	2703510	20.000 ug/ml
20) T n-Hexatriacontane (C36)	20.578	2303077	20.000 ug/ml
21) T n-Octatriacontane (C38)	21.350	1973965	20.000 ug/ml
22) T n-Tetracontane (C40)	22.327	1709655	20.000 ug/ml

(f)=RT Delta > 1/2 Window

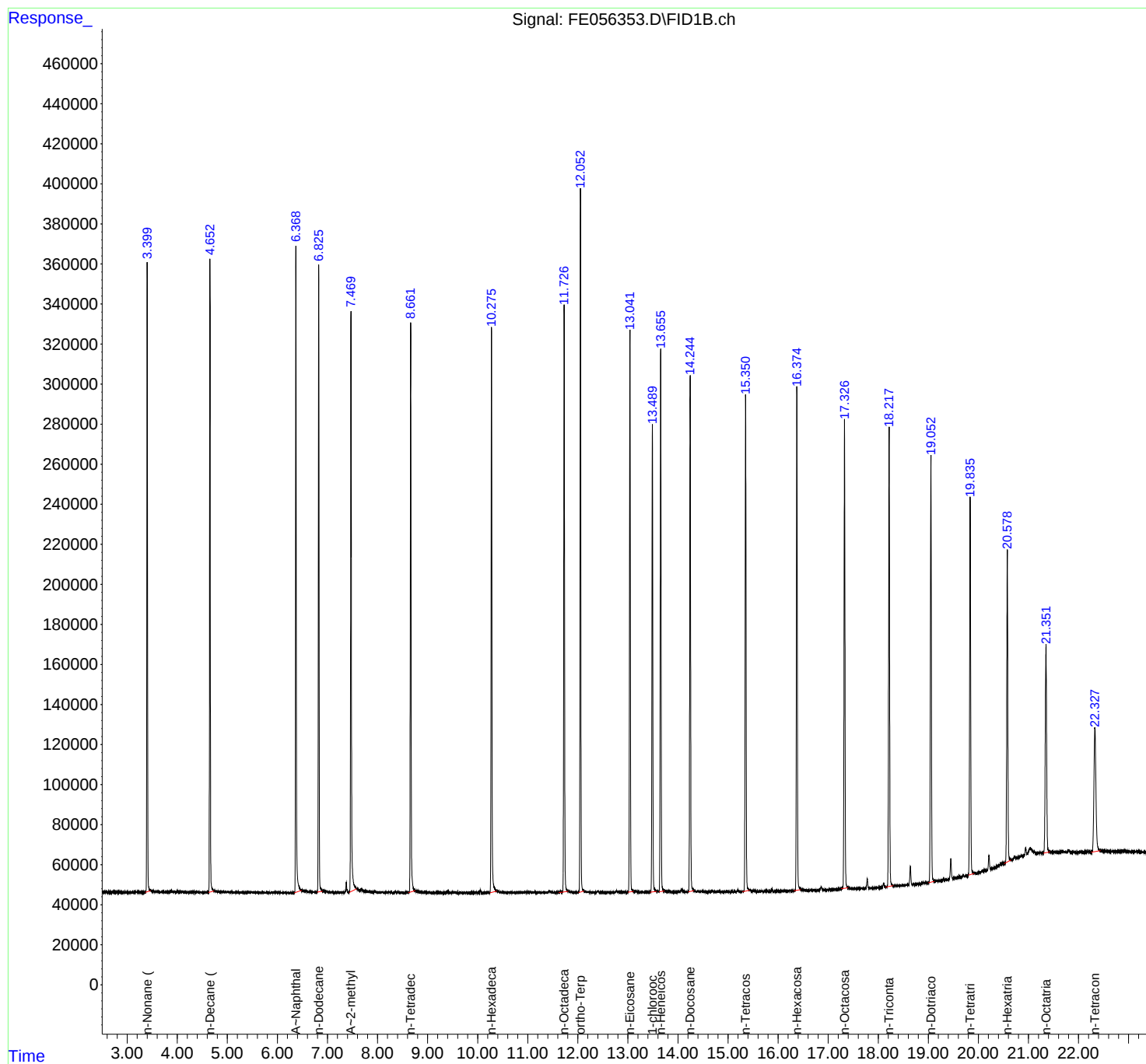
(m)=manual int.

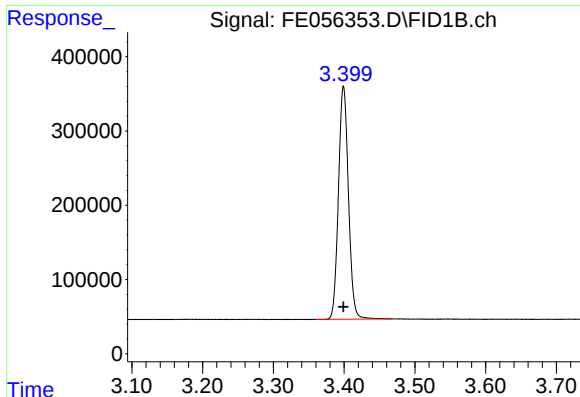
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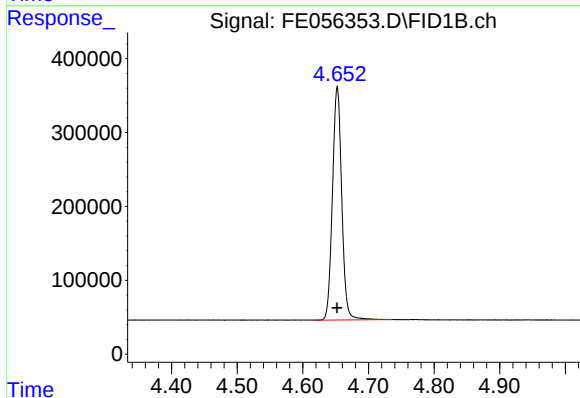




#1 n-Nonane (C9)

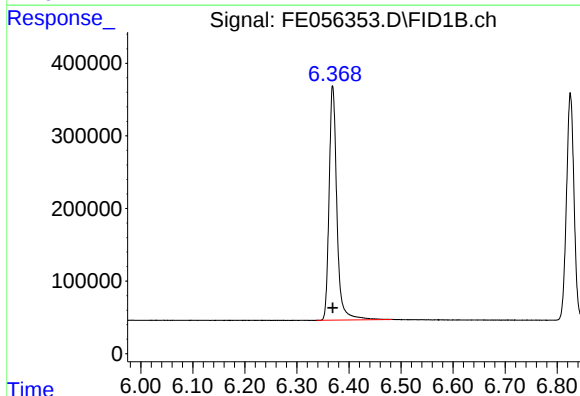
R.T.: 3.399 min
Delta R.T.: 0.000 min
Response: 3073653
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3



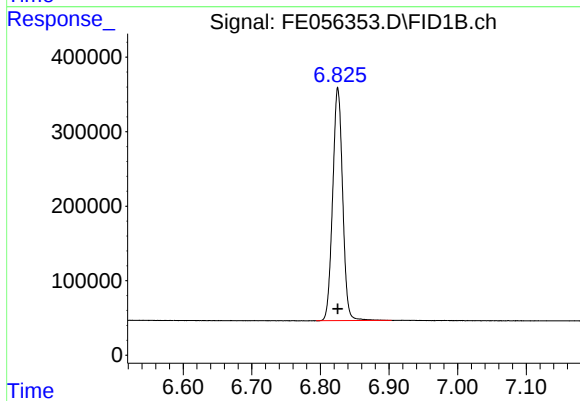
#2 n-Decane (C10)

R.T.: 4.652 min
Delta R.T.: 0.000 min
Response: 3104239
Conc: 20.00 ug/ml



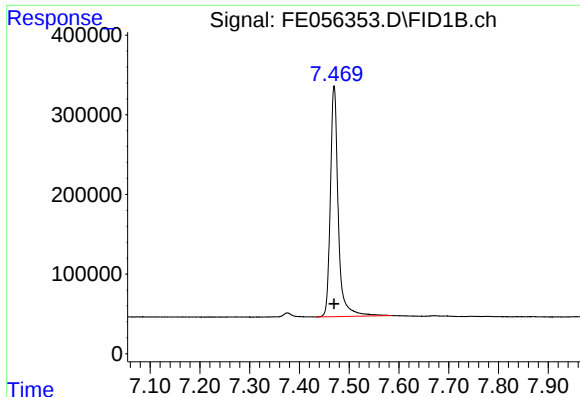
#3 A~Naphthalene (C11.7)

R.T.: 6.369 min
Delta R.T.: 0.000 min
Response: 3362356
Conc: 20.00 ug/ml



#4 n-Dodecane (C12)

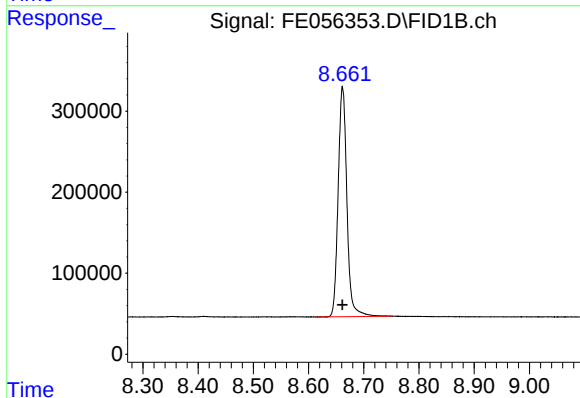
R.T.: 6.826 min
Delta R.T.: 0.000 min
Response: 3153360
Conc: 20.00 ug/ml



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

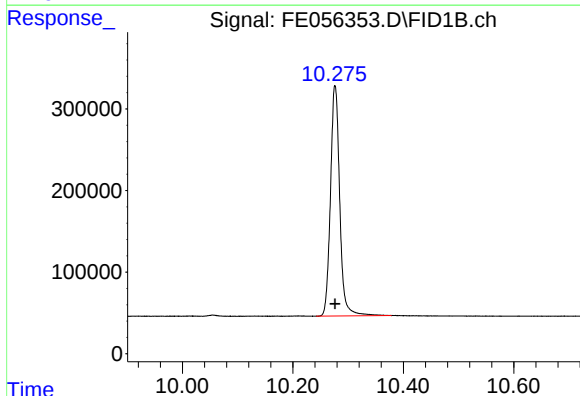
R.T.: 7.470 min
Delta R.T.: 0.000 min
Response: 3198353
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3



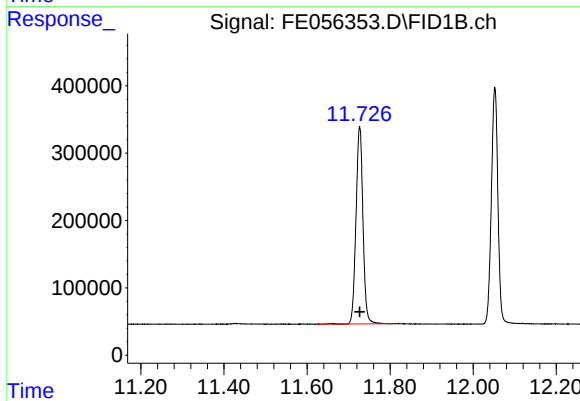
#6 n-Tetradecane (C14)

R.T.: 8.662 min
Delta R.T.: 0.000 min
Response: 3124392
Conc: 20.00 ug/ml



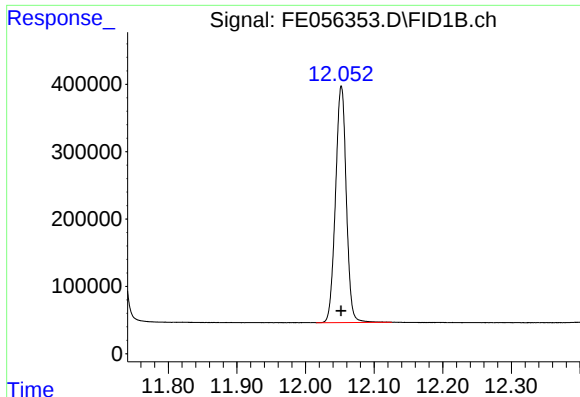
#7 n-Hexadecane (C16)

R.T.: 10.277 min
Delta R.T.: 0.000 min
Response: 3294820
Conc: 20.00 ug/ml



#8 n-Octadecane (C18)

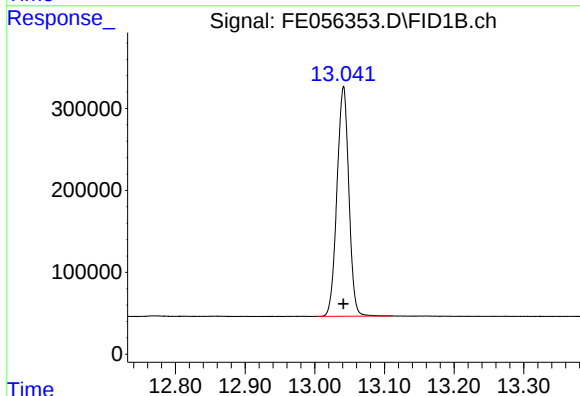
R.T.: 11.727 min
Delta R.T.: 0.000 min
Response: 3417372
Conc: 20.00 ug/ml



#9 ortho-Terphenyl (SURR)

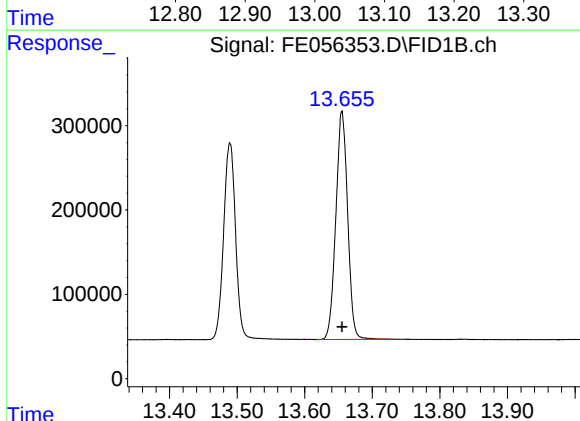
R.T.: 12.052 min
Delta R.T.: 0.000 min
Response: 3826772
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3



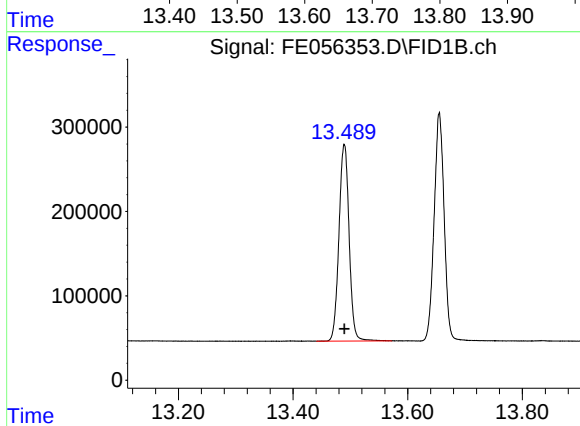
#10 n-Eicosane (C20)

R.T.: 13.041 min
Delta R.T.: 0.000 min
Response: 3319985
Conc: 20.00 ug/ml



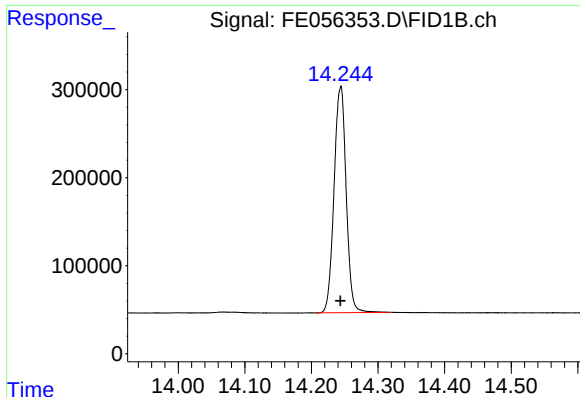
#11 n-Heneicosane (C21)

R.T.: 13.655 min
Delta R.T.: 0.000 min
Response: 3280295
Conc: 20.00 ug/ml



#12 1-chlorooctadecane (SURR)

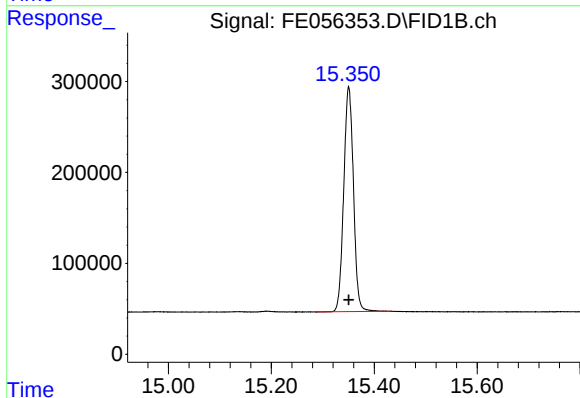
R.T.: 13.489 min
Delta R.T.: 0.000 min
Response: 2867313
Conc: 20.00 ug/ml



#13 n-Docosane (C22)

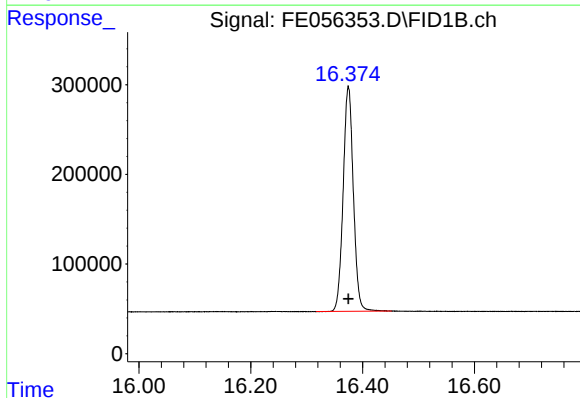
R.T.: 14.244 min
Delta R.T.: 0.000 min
Response: 3251010
Conc: 20.00 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD3



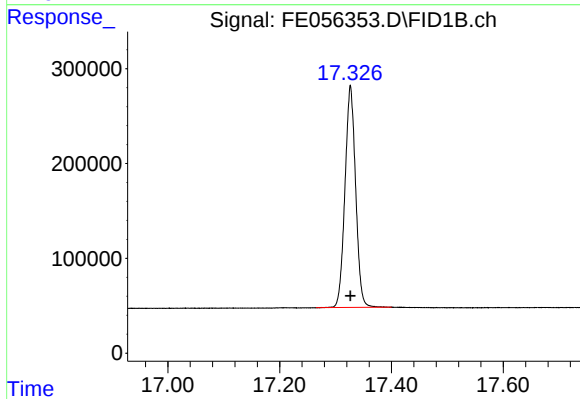
#14 n-Tetracosane (C24)

R.T.: 15.351 min
Delta R.T.: 0.000 min
Response: 3242751
Conc: 20.00 ug/ml



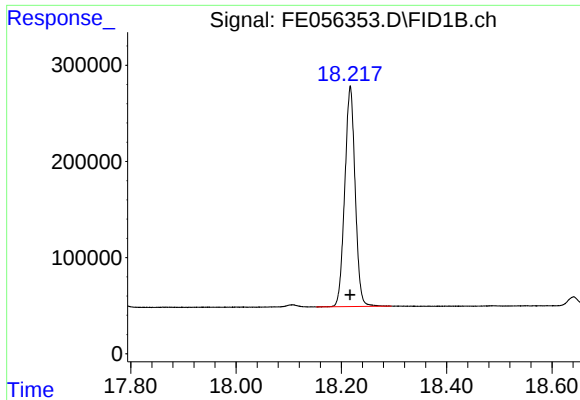
#15 n-Hexacosane (C26)

R.T.: 16.375 min
Delta R.T.: 0.000 min
Response: 3181322
Conc: 20.00 ug/ml



#16 n-Octacosane (C28)

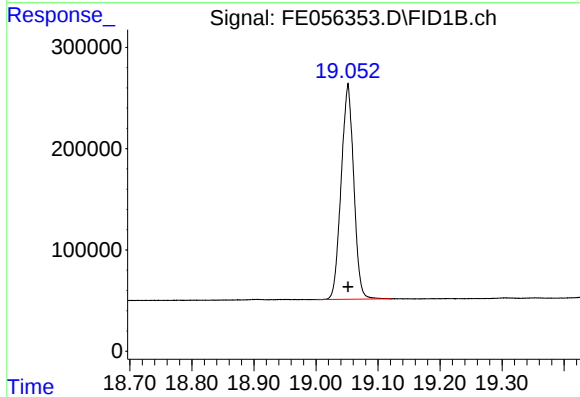
R.T.: 17.327 min
Delta R.T.: 0.000 min
Response: 3095047
Conc: 20.00 ug/ml



#17 n-Tricontane (C30)

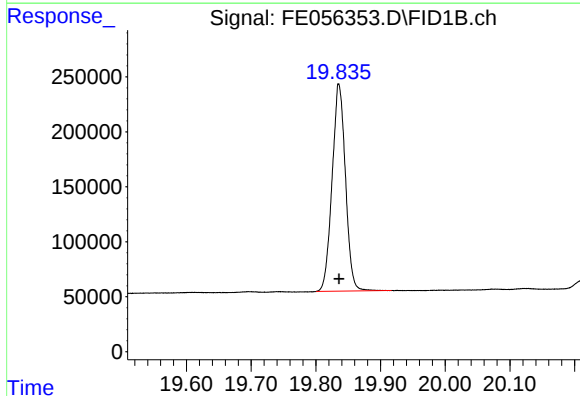
R.T.: 18.217 min
Delta R.T.: 0.000 min
Response: 3132258
Conc: 20.00 ug/ml

Instrument :
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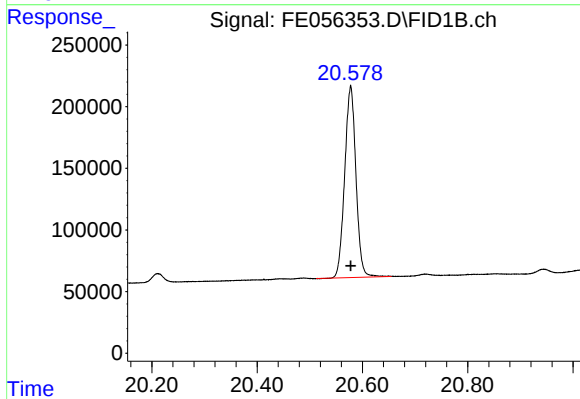
#18 n-Dotriacontane (C32)

R.T.: 19.052 min
Delta R.T.: 0.000 min
Response: 2999317
Conc: 20.00 ug/ml



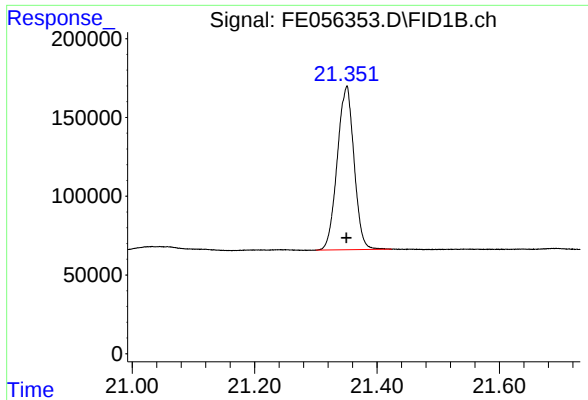
#19 n-Tetratriacontane (C34)

R.T.: 19.836 min
Delta R.T.: 0.000 min
Response: 2703510
Conc: 20.00 ug/ml



#20 n-Hexatriacontane (C36)

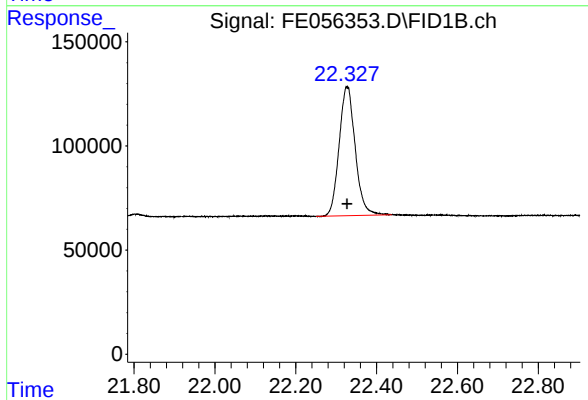
R.T.: 20.578 min
Delta R.T.: 0.000 min
Response: 2303077
Conc: 20.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.350 min
Delta R.T.: 0.000 min
Response: 1973965
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3



#22 n-Tetracontane (C40)

R.T.: 22.327 min
Delta R.T.: 0.000 min
Response: 1709655
Conc: 20.00 ug/ml