

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101725AL\
 Data File : FE056352.D
 Signal(s) : FID1B.ch
 Acq On : 16 Oct 2025 18:00
 Operator : YP\AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
 Quant Time: Oct 17 08:22:51 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)	12.057	9944859	51.975 ug/ml
Spiked Amount 50.000		Recovery =	103.95%
12) S 1-chlorooctadecane (S...	13.493	7535401	52.561 ug/ml
Spiked Amount 50.000		Recovery =	105.12%
Target Compounds			
1) T n-Nonane (C9)	3.401	8027434	52.234 ug/ml
2) T n-Decane (C10)	4.654	8151590	52.519 ug/ml
3) T A~Naphthalene (C11.7)	6.371	8930796	53.122 ug/ml
4) T n-Dodecane (C12)	6.828	8305461	52.677 ug/ml
5) T A~2-methylnaphthalene...	7.472	8709305	54.461 ug/ml
6) T n-Tetradecane (C14)	8.665	8312944	53.213 ug/ml
7) T n-Hexadecane (C16)	10.280	8711849	52.882 ug/ml
8) T n-Octadecane (C18)	11.730	8942054	52.333 ug/ml
10) T n-Eicosane (C20)	13.044	8645421	52.081 ug/ml
11) T n-Heneicosane (C21)	13.659	8523932	51.971 ug/ml
13) T n-Docosane (C22)	14.247	8531126	52.483 ug/ml
14) T n-Tetracosane (C24)	15.353	8610842	53.108 ug/ml
15) T n-Hexacosane (C26)	16.378	8452135	53.136 ug/ml
16) T n-Octacosane (C28)	17.330	8264741	53.406 ug/ml
17) T n-Tricontane (C30)	18.220	8292000	52.946 ug/ml
18) T n-Dotriacontane (C32)	19.054	7932430	52.895 ug/ml
19) T n-Tetratriacontane (C34)	19.840	7118725	52.663 ug/ml
20) T n-Hexatriacontane (C36)	20.580	6063460	52.655 ug/ml
21) T n-Octatriacontane (C38)	21.350	5354430	54.251 ug/ml
22) T n-Tetracontane (C40)	22.327	4917436	57.525 ug/ml

(f)=RT Delta > 1/2 Window

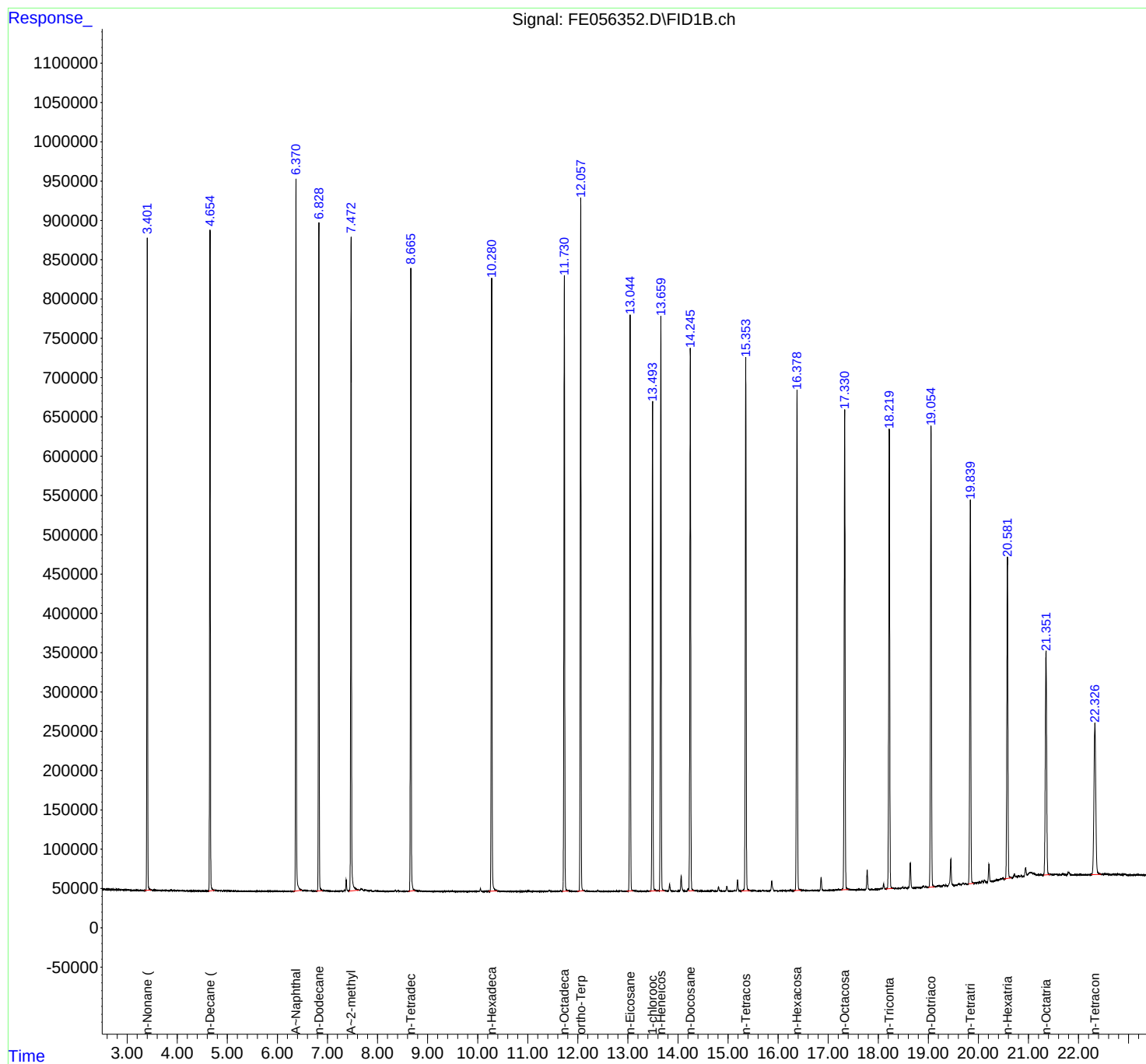
(m)=manual int.

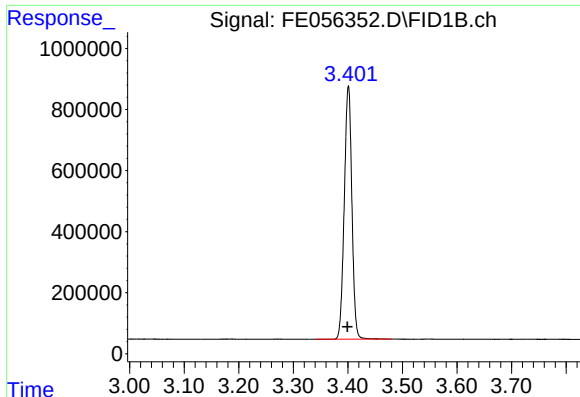
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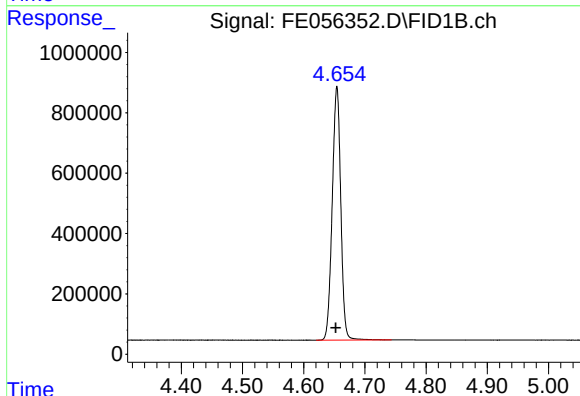




#1 n-Nonane (C9)

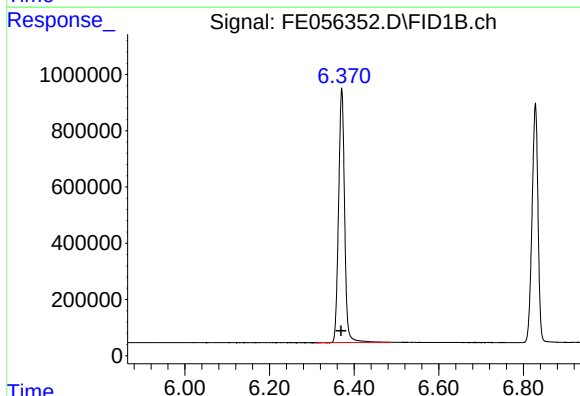
R.T.: 3.401 min
Delta R.T.: 0.002 min
Response: 8027434
Conc: 52.23 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



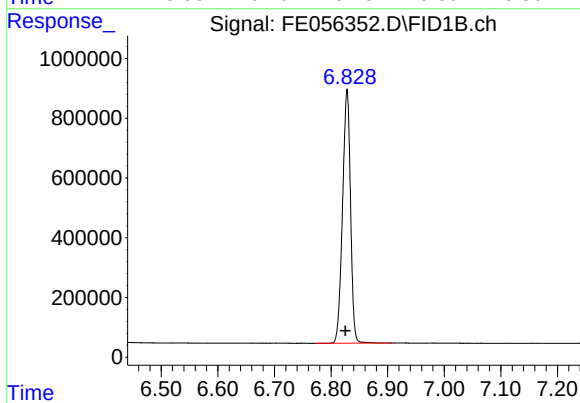
#2 n-Decane (C10)

R.T.: 4.654 min
Delta R.T.: 0.002 min
Response: 8151590
Conc: 52.52 ug/ml



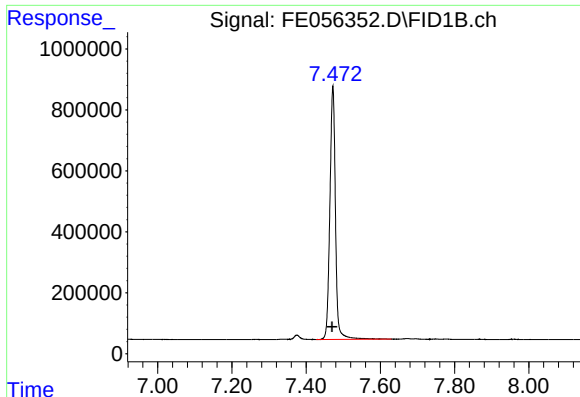
#3 A~Naphthalene (C11.7)

R.T.: 6.371 min
Delta R.T.: 0.002 min
Response: 8930796
Conc: 53.12 ug/ml



#4 n-Dodecane (C12)

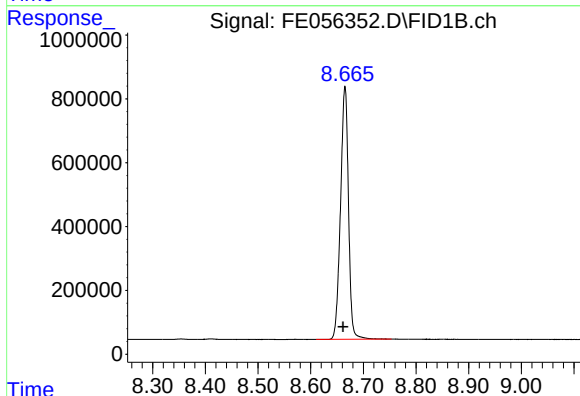
R.T.: 6.828 min
Delta R.T.: 0.003 min
Response: 8305461
Conc: 52.68 ug/ml



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

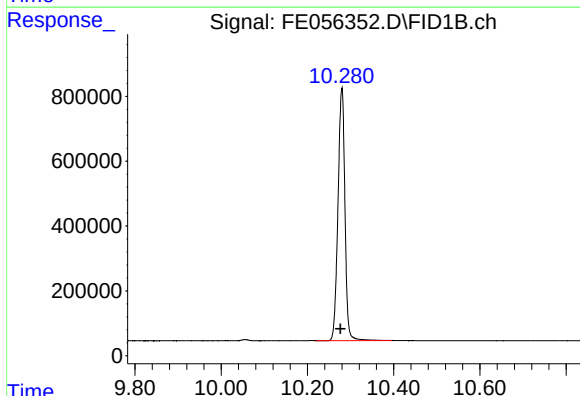
R.T.: 7.472 min
Delta R.T.: 0.002 min
Response: 8709305
Conc: 54.46 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



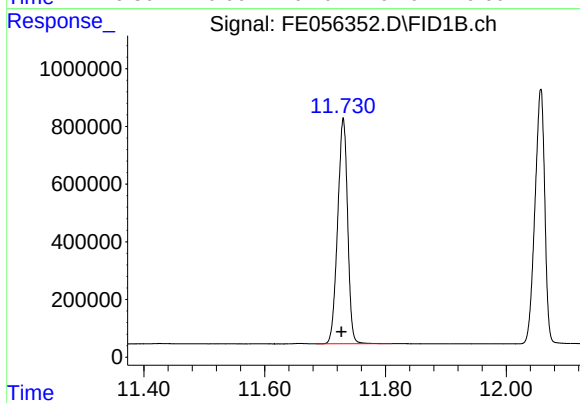
#6 n-Tetradecane (C14)

R.T.: 8.665 min
Delta R.T.: 0.003 min
Response: 8312944
Conc: 53.21 ug/ml



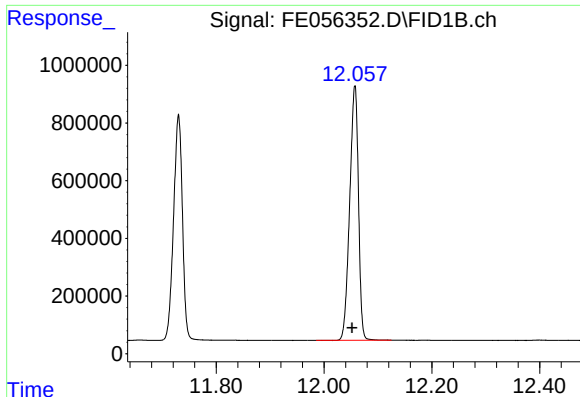
#7 n-Hexadecane (C16)

R.T.: 10.280 min
Delta R.T.: 0.003 min
Response: 8711849
Conc: 52.88 ug/ml



#8 n-Octadecane (C18)

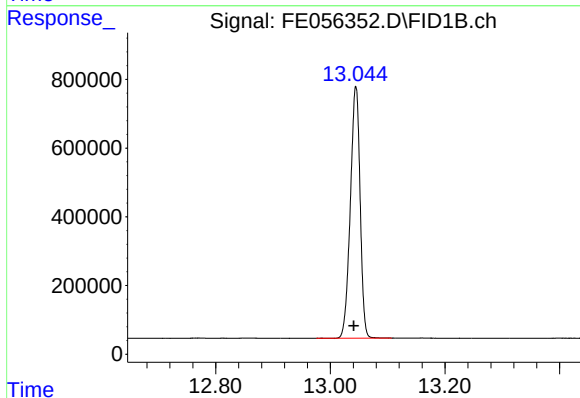
R.T.: 11.730 min
Delta R.T.: 0.003 min
Response: 8942054
Conc: 52.33 ug/ml



#9 ortho-Terphenyl (SURR)

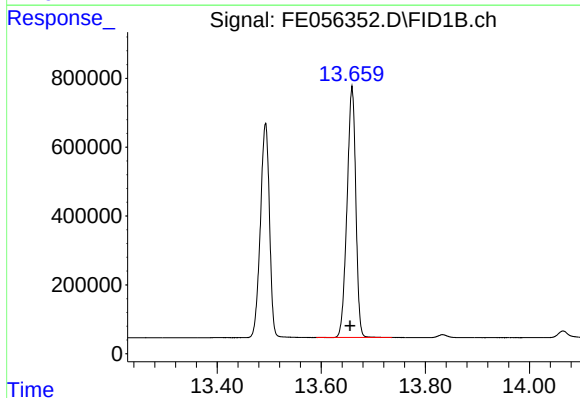
R.T.: 12.057 min
Delta R.T.: 0.005 min
Response: 9944859
Conc: 51.98 ug/ml

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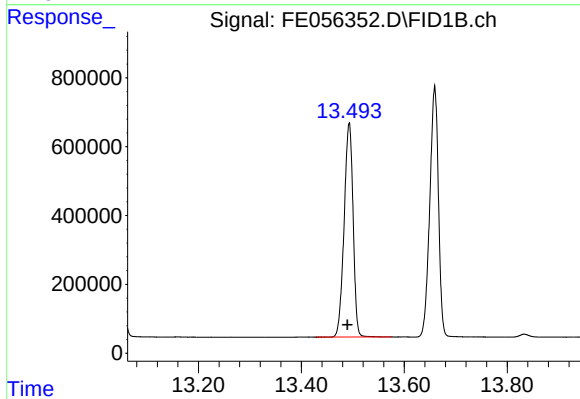
#10 n-Eicosane (C20)

R.T.: 13.044 min
Delta R.T.: 0.003 min
Response: 8645421
Conc: 52.08 ug/ml



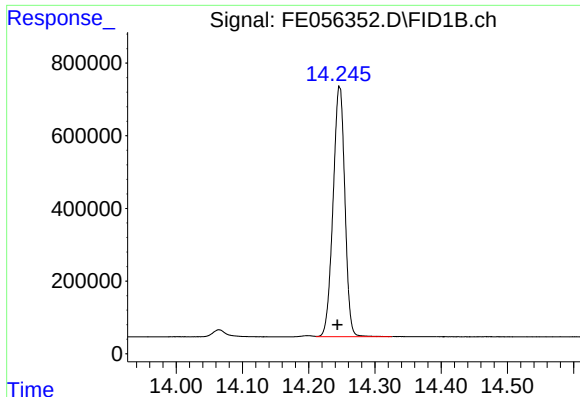
#11 n-Heneicosane (C21)

R.T.: 13.659 min
Delta R.T.: 0.004 min
Response: 8523932
Conc: 51.97 ug/ml



#12 1-chlorooctadecane (SURR)

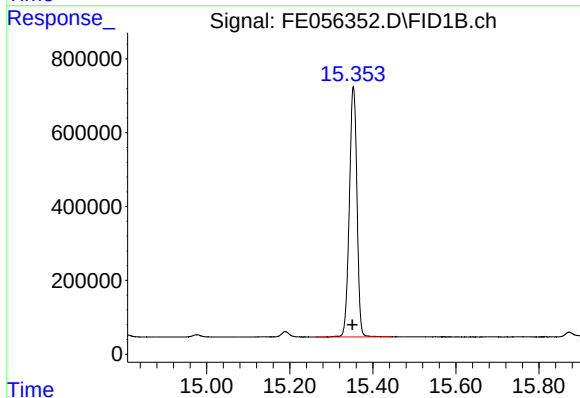
R.T.: 13.493 min
Delta R.T.: 0.003 min
Response: 7535401
Conc: 52.56 ug/ml



#13 n-Docosane (C22)

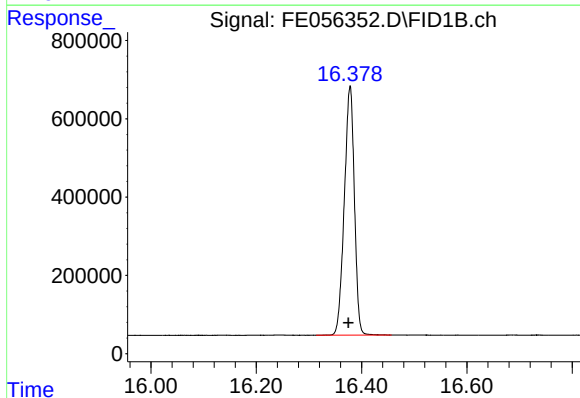
R.T.: 14.247 min
Delta R.T.: 0.003 min
Response: 8531126
Conc: 52.48 ug/ml

Instrument :
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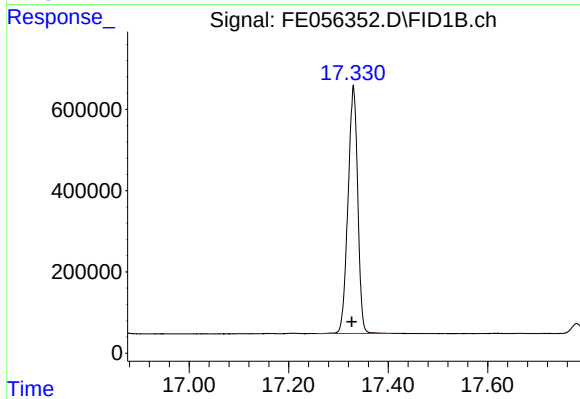
#14 n-Tetracosane (C24)

R.T.: 15.353 min
Delta R.T.: 0.003 min
Response: 8610842
Conc: 53.11 ug/ml



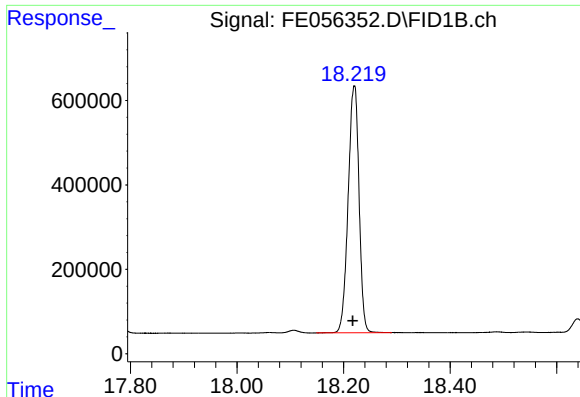
#15 n-Hexacosane (C26)

R.T.: 16.378 min
Delta R.T.: 0.003 min
Response: 8452135
Conc: 53.14 ug/ml



#16 n-Octacosane (C28)

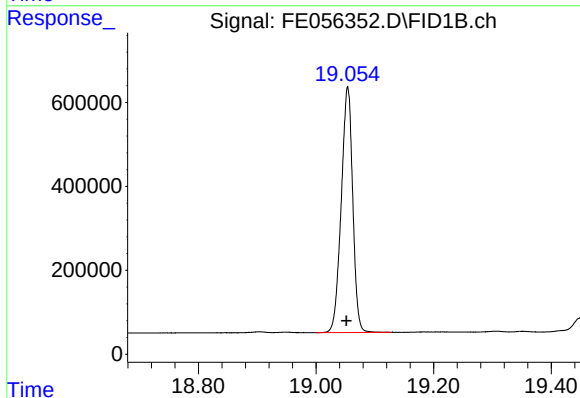
R.T.: 17.330 min
Delta R.T.: 0.003 min
Response: 8264741
Conc: 53.41 ug/ml



#17 n-Tricontane (C30)

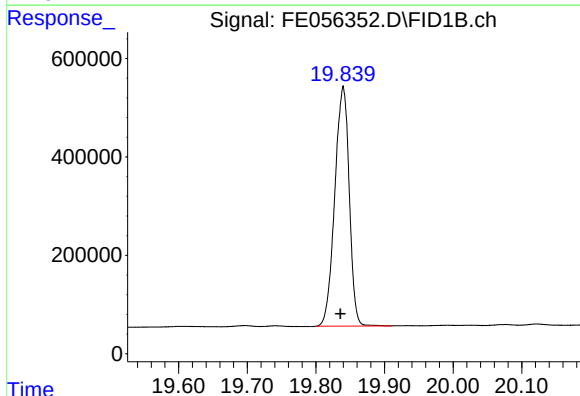
R.T.: 18.220 min
Delta R.T.: 0.003 min
Response: 8292000
Conc: 52.95 ug/ml

Instrument :
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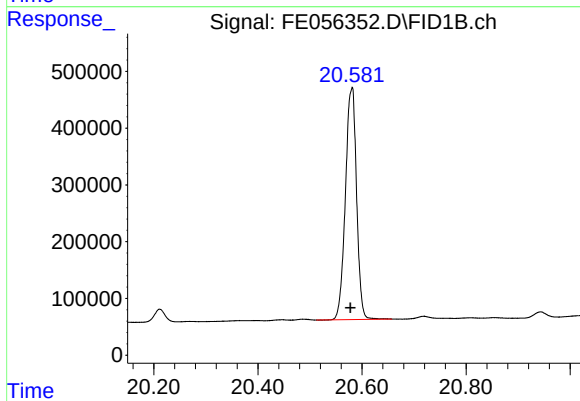
#18 n-Dotriacontane (C32)

R.T.: 19.054 min
Delta R.T.: 0.002 min
Response: 7932430
Conc: 52.89 ug/ml



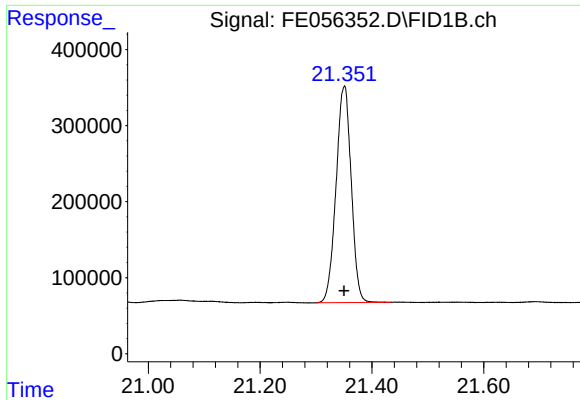
#19 n-Tetratriacontane (C34)

R.T.: 19.840 min
Delta R.T.: 0.004 min
Response: 7118725
Conc: 52.66 ug/ml



#20 n-Hexatriacontane (C36)

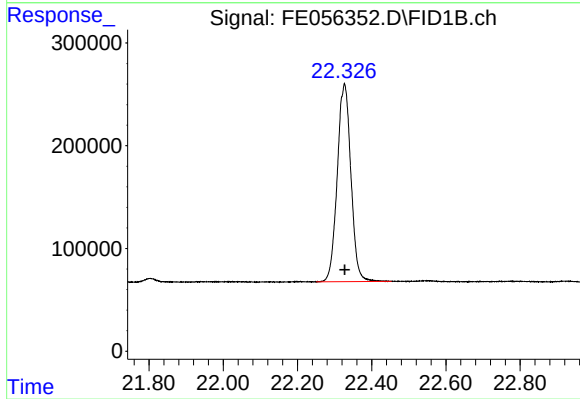
R.T.: 20.580 min
Delta R.T.: 0.002 min
Response: 6063460
Conc: 52.66 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.350 min
Delta R.T.: 0.000 min
Response: 5354430
Conc: 54.25 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.327 min
Delta R.T.: 0.000 min
Response: 4917436
Conc: 57.53 ug/ml