

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE100625AL\
 Data File : FE056220.D
 Signal(s) : FID1B.ch
 Acq On : 07 Oct 2025 02:40
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Oct 07 04:02:25 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 092425.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 24 12:55:37 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)	12.067	3917563	20.877 ug/ml
Spiked Amount 50.000		Recovery =	41.75%
12) S 1-chlorooctadecane (S...	13.503	2926870	20.971 ug/ml
Spiked Amount 50.000		Recovery =	41.94%
Target Compounds			
1) T n-Nonane (C9)	3.407	2194345	16.018 ug/ml
2) T n-Decane (C10)	4.667	2375587	17.022 ug/ml
3) T A~Naphthalene (C11.7)	6.387	3035224	19.010 ug/ml
4) T n-Dodecane (C12)	6.842	2654898	18.497 ug/ml
5) T A~2-methylnaphthalene...	7.487	3052393	19.627 ug/ml
6) T n-Tetradecane (C14)	8.677	2918160	19.738 ug/ml
7) T n-Hexadecane (C16)	10.292	3276450	20.619 ug/ml
8) T n-Octadecane (C18)	11.741	3536148	20.877 ug/ml
10) T n-Eicosane (C20)	13.055	3473448	20.954 ug/ml
11) T n-Heneicosane (C21)	13.669	3384000	20.826 ug/ml
13) T n-Docosane (C22)	14.257	3313502	20.736 ug/ml
14) T n-Tetracosane (C24)	15.364	3144495	20.636 ug/ml
15) T n-Hexacosane (C26)	16.387	2897382	20.314 ug/ml
16) T n-Octacosane (C28)	17.339	2817957	20.229 ug/ml
17) T n-Tricontane (C30)	18.229	2972607	20.061 ug/ml
18) T n-Dotriacontane (C32)	19.063	3059989	20.509 ug/ml
19) T n-Tetratriacontane (C34)	19.847	2957804	20.910 ug/ml
20) T n-Hexatriacontane (C36)	20.588	2663069	20.745 ug/ml
21) T n-Octatriacontane (C38)	21.360	2451373	18.664 ug/ml
22) T n-Tetracontane (C40)	22.342	2301698	19.347 ug/ml

(f)=RT Delta > 1/2 Window

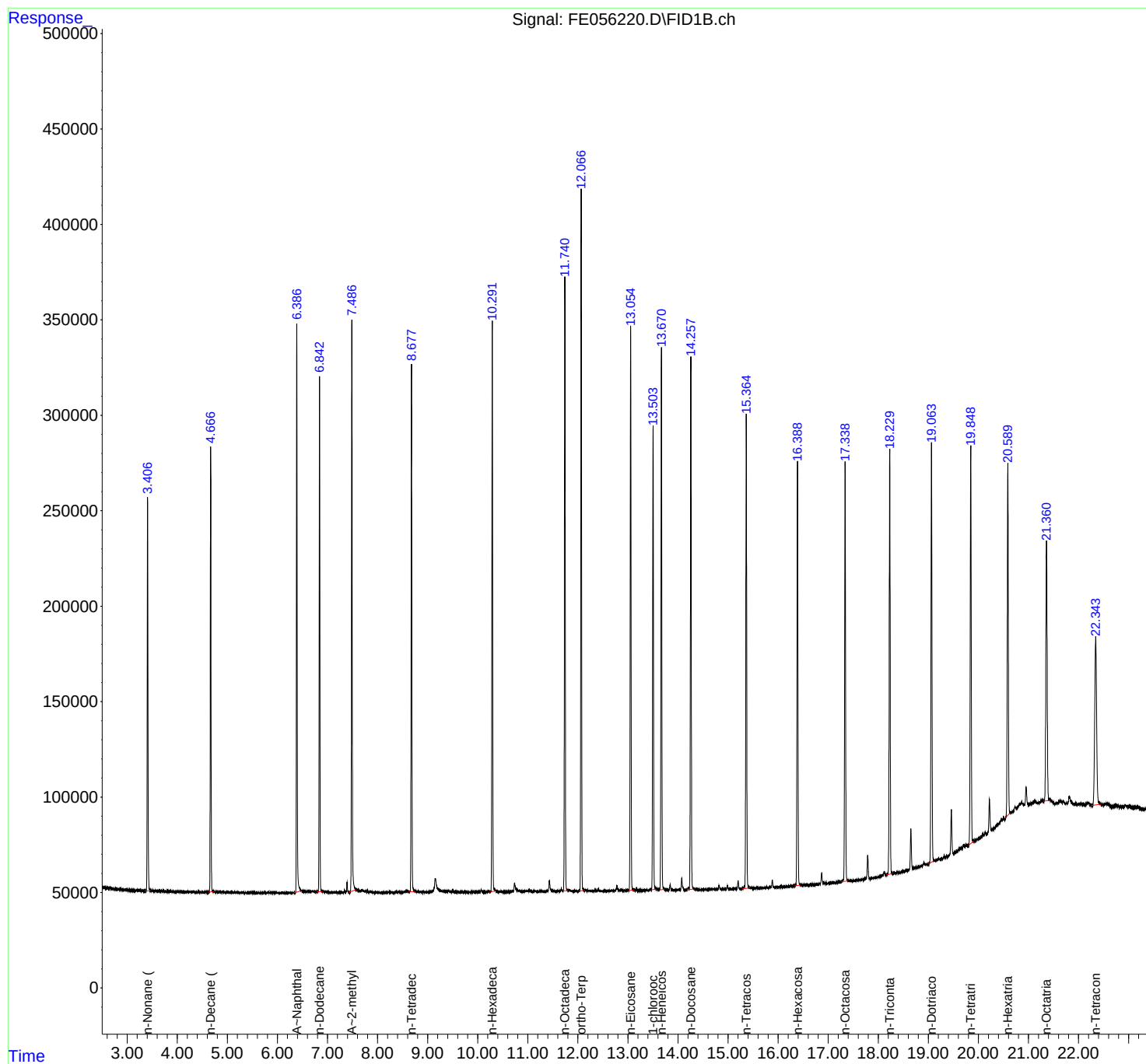
(m)=manual int.

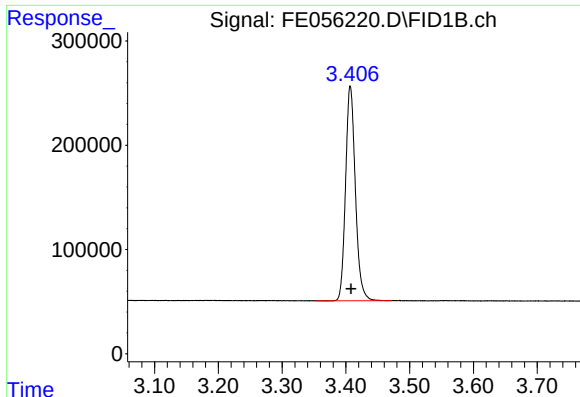
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE100625AL\
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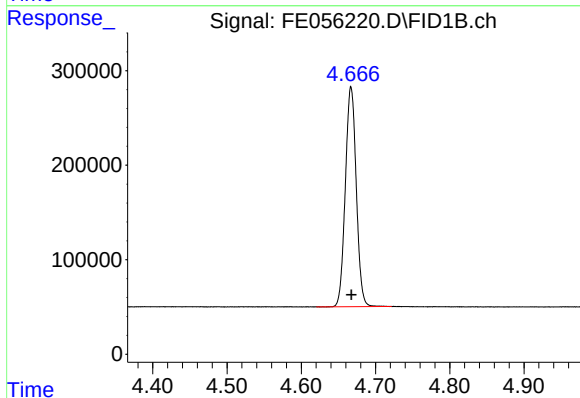




#1 n-Nonane (C9)

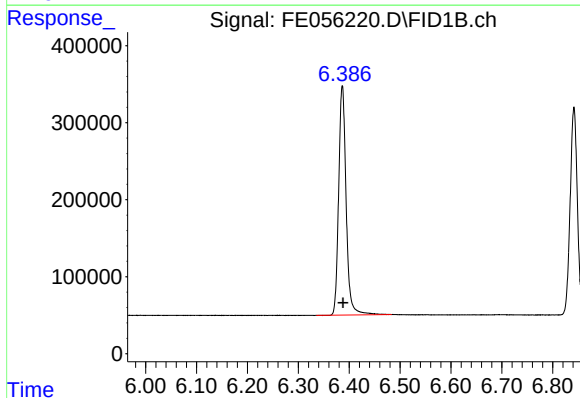
R.T.: 3.407 min
Delta R.T.: 0.000 min
Response: 2194345
Conc: 16.02 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



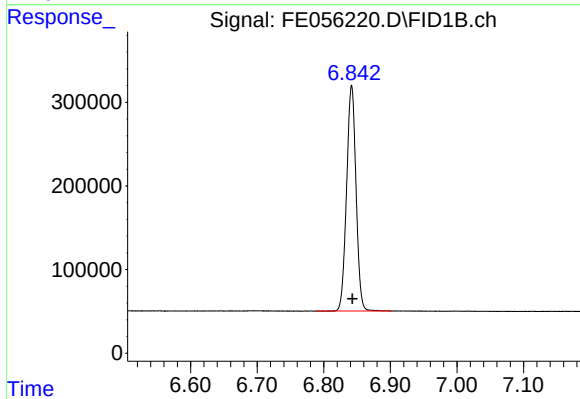
#2 n-Decane (C10)

R.T.: 4.667 min
Delta R.T.: 0.000 min
Response: 2375587
Conc: 17.02 ug/ml



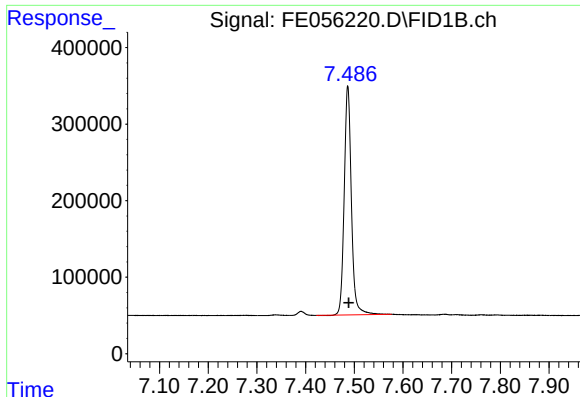
#3 A~Naphthalene (C11.7)

R.T.: 6.387 min
Delta R.T.: -0.002 min
Response: 3035224
Conc: 19.01 ug/ml



#4 n-Dodecane (C12)

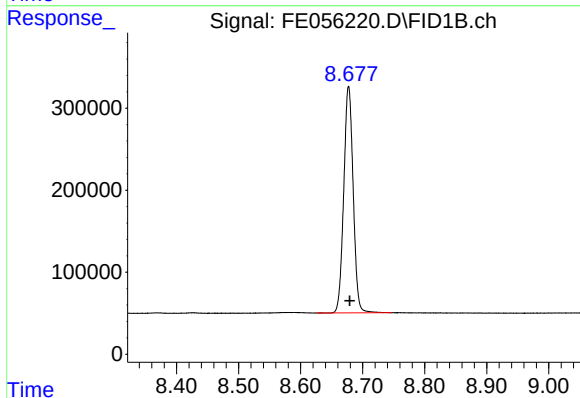
R.T.: 6.842 min
Delta R.T.: -0.001 min
Response: 2654898
Conc: 18.50 ug/ml



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

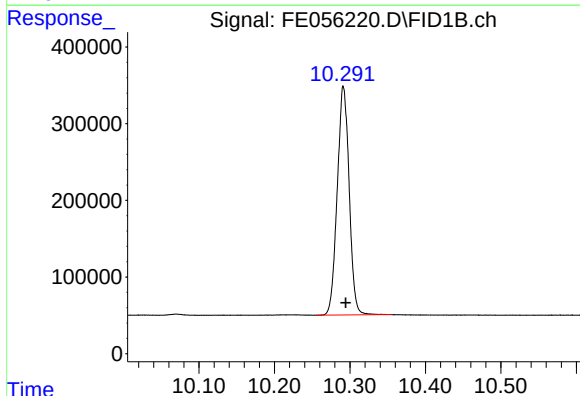
R.T.: 7.487 min
Delta R.T.: -0.002 min
Response: 3052393
Conc: 19.63 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



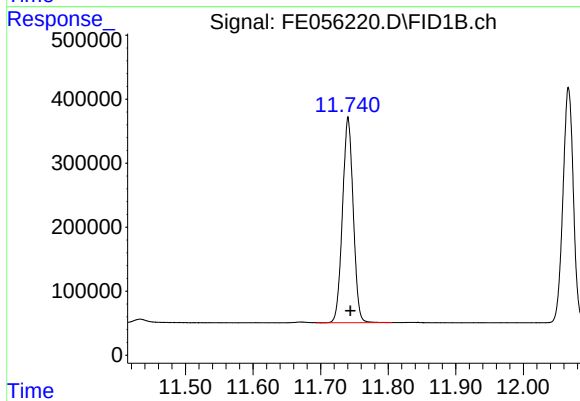
#6 n-Tetradecane (C14)

R.T.: 8.677 min
Delta R.T.: -0.002 min
Response: 2918160
Conc: 19.74 ug/ml



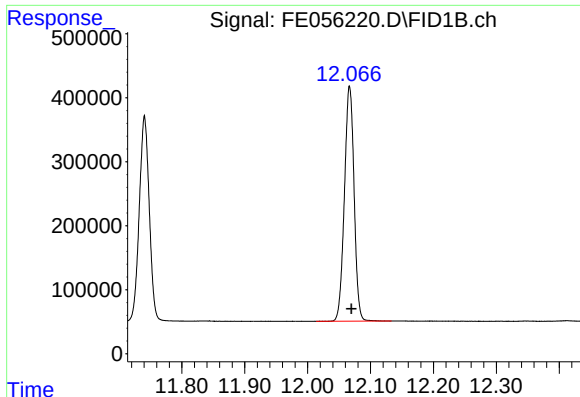
#7 n-Hexadecane (C16)

R.T.: 10.292 min
Delta R.T.: -0.003 min
Response: 3276450
Conc: 20.62 ug/ml



#8 n-Octadecane (C18)

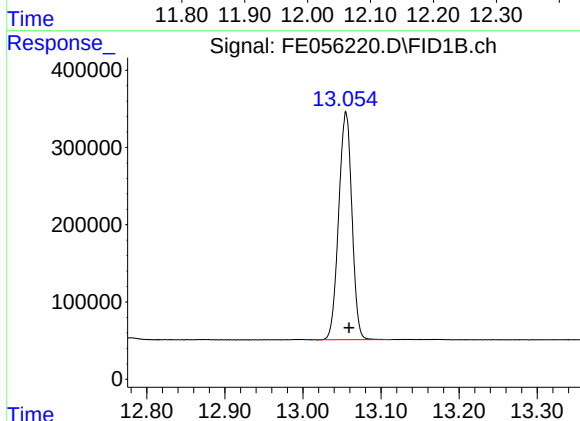
R.T.: 11.741 min
Delta R.T.: -0.003 min
Response: 3536148
Conc: 20.88 ug/ml



#9 ortho-Terphenyl (SURR)

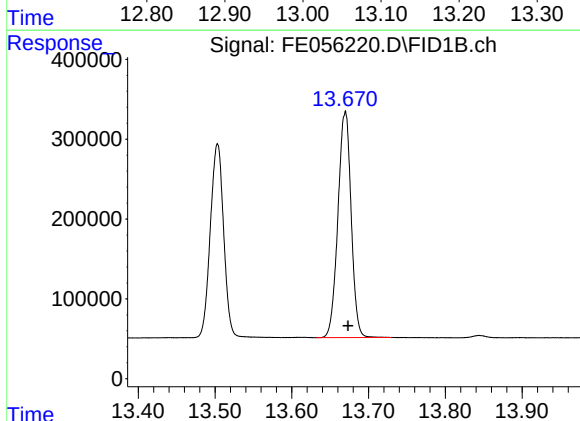
R.T.: 12.067 min
Delta R.T.: -0.003 min
Response: 3917563
Conc: 20.88 ug/ml

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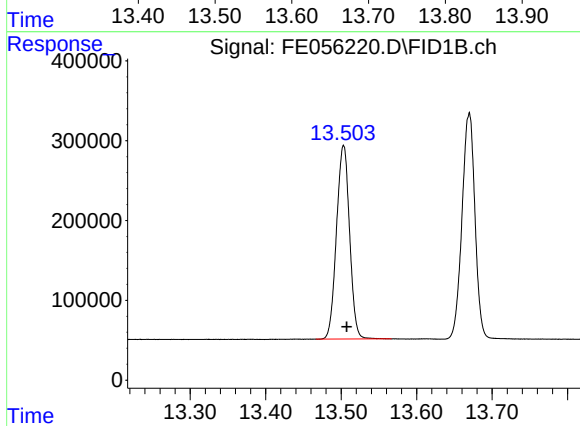
#10 n-Eicosane (C20)

R.T.: 13.055 min
Delta R.T.: -0.004 min
Response: 3473448
Conc: 20.95 ug/ml



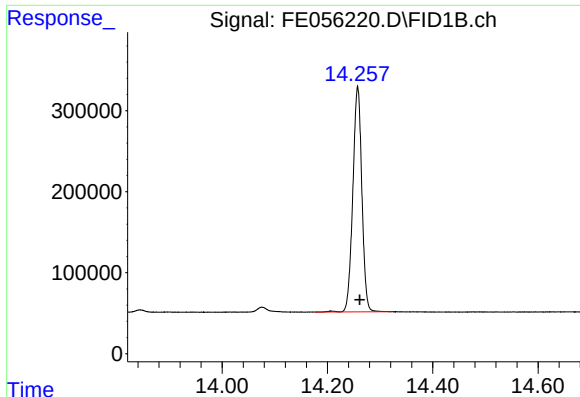
#11 n-Heneicosane (C21)

R.T.: 13.669 min
Delta R.T.: -0.004 min
Response: 3384000
Conc: 20.83 ug/ml



#12 1-chlorooctadecane (SURR)

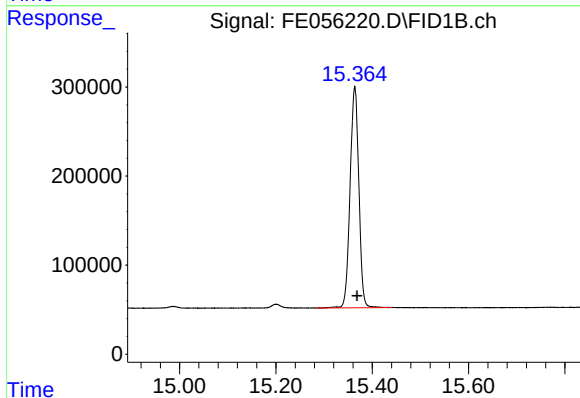
R.T.: 13.503 min
Delta R.T.: -0.004 min
Response: 2926870
Conc: 20.97 ug/ml



#13 n-Docosane (C22)

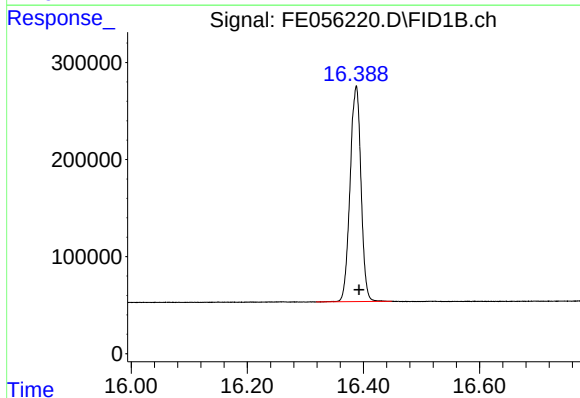
R.T.: 14.257 min
Delta R.T.: -0.004 min
Response: 3313502
Conc: 20.74 ug/ml

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20 PPM ALIPHATIC HC STD



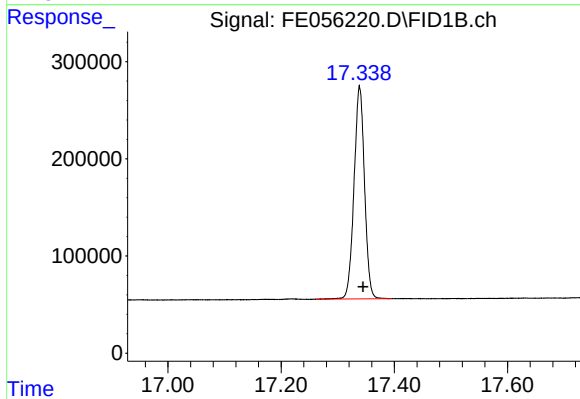
#14 n-Tetracosane (C24)

R.T.: 15.364 min
Delta R.T.: -0.005 min
Response: 3144495
Conc: 20.64 ug/ml



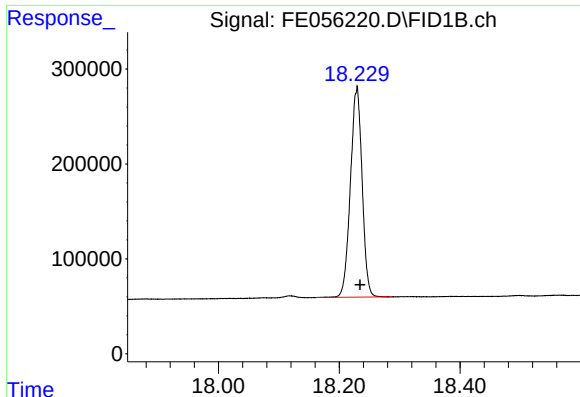
#15 n-Hexacosane (C26)

R.T.: 16.387 min
Delta R.T.: -0.005 min
Response: 2897382
Conc: 20.31 ug/ml



#16 n-Octacosane (C28)

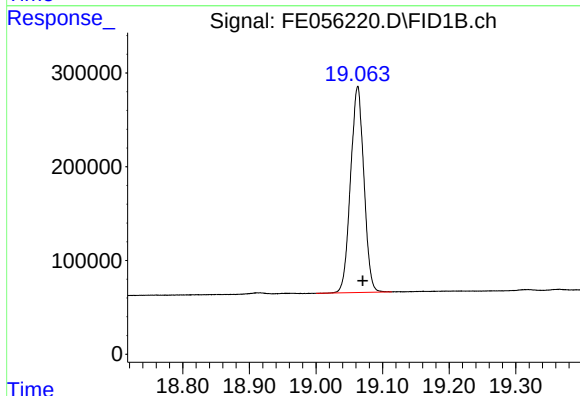
R.T.: 17.339 min
Delta R.T.: -0.006 min
Response: 2817957
Conc: 20.23 ug/ml



#17 n-Tricontane (C30)

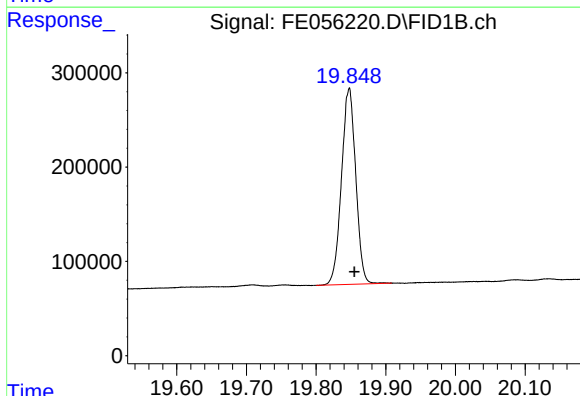
R.T.: 18.229 min
Delta R.T.: -0.006 min
Response: 2972607
Conc: 20.06 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



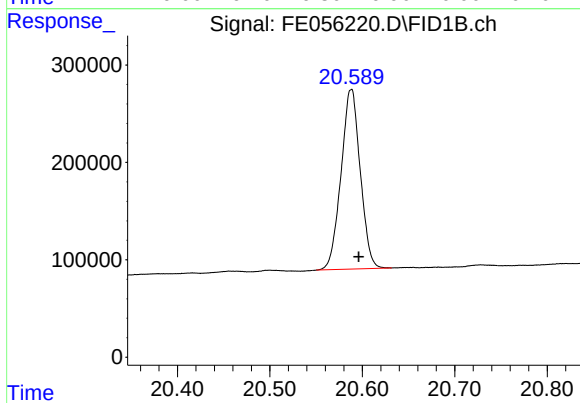
#18 n-Dotriacontane (C32)

R.T.: 19.063 min
Delta R.T.: -0.008 min
Response: 3059989
Conc: 20.51 ug/ml



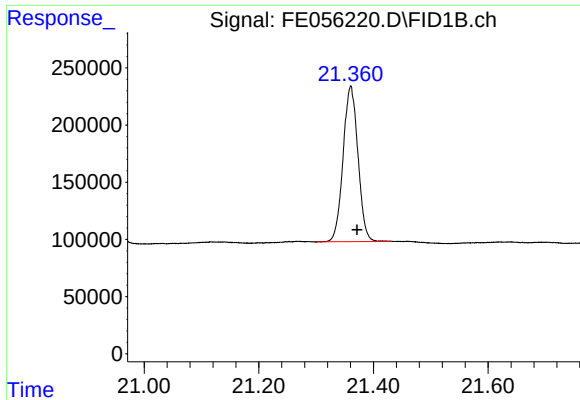
#19 n-Tetratriacontane (C34)

R.T.: 19.847 min
Delta R.T.: -0.008 min
Response: 2957804
Conc: 20.91 ug/ml



#20 n-Hexatriacontane (C36)

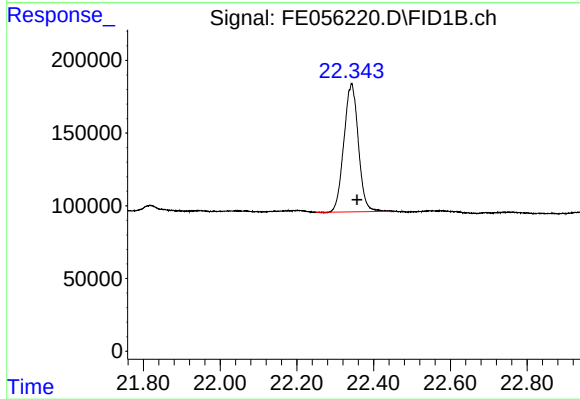
R.T.: 20.588 min
Delta R.T.: -0.008 min
Response: 2663069
Conc: 20.75 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.360 min
Delta R.T.: -0.011 min
Response: 2451373
Conc: 18.66 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.342 min
Delta R.T.: -0.014 min
Response: 2301698
Conc: 19.35 ug/ml