

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090425AL\
 Data File : FE055656.D
 Signal(s) : FID1B.ch
 Acq On : 04 Sep 2025 08:43
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Sep 05 01:23:08 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)	12.074	3384226	20.600 ug/ml
Spiked Amount 50.000		Recovery =	41.20%
12) S 1-chlorooctadecane (S...	13.510	2540815	20.319 ug/ml
Spiked Amount 50.000		Recovery =	40.64%
Target Compounds			
1) T n-Nonane (C9)	3.412	2530022	19.937 ug/ml
2) T n-Decane (C10)	4.671	2623638	20.482 ug/ml
3) T A~Naphthalene (C11.7)	6.389	2951824	20.317 ug/ml
4) T n-Dodecane (C12)	6.846	2672205	20.522 ug/ml
5) T A~2-methylnaphthalene...	7.490	2866724	20.382 ug/ml
6) T n-Tetradecane (C14)	8.683	2701598	20.514 ug/ml
7) T n-Hexadecane (C16)	10.298	2850215	20.580 ug/ml
8) T n-Octadecane (C18)	11.748	3005253	20.604 ug/ml
10) T n-Eicosane (C20)	13.062	2967370	20.614 ug/ml
11) T n-Heneicosane (C21)	13.677	2944481	20.613 ug/ml
13) T n-Docosane (C22)	14.265	2962195	20.694 ug/ml
14) T n-Tetracosane (C24)	15.372	3017888	20.856 ug/ml
15) T n-Hexacosane (C26)	16.396	2970776	20.795 ug/ml
16) T n-Octacosane (C28)	17.348	2990705	21.026 ug/ml
17) T n-Tricontane (C30)	18.238	3148998	21.303 ug/ml
18) T n-Dotriacontane (C32)	19.073	3188285	21.722 ug/ml
19) T n-Tetratriacontane (C34)	19.858	3040397	21.520 ug/ml
20) T n-Hexatriacontane (C36)	20.599	2760387	20.919 ug/ml
21) T n-Octatriacontane (C38)	21.376	2646085	20.317 ug/ml
22) T n-Tetracontane (C40)	22.363	2499325	19.489 ug/ml

(f)=RT Delta > 1/2 Window

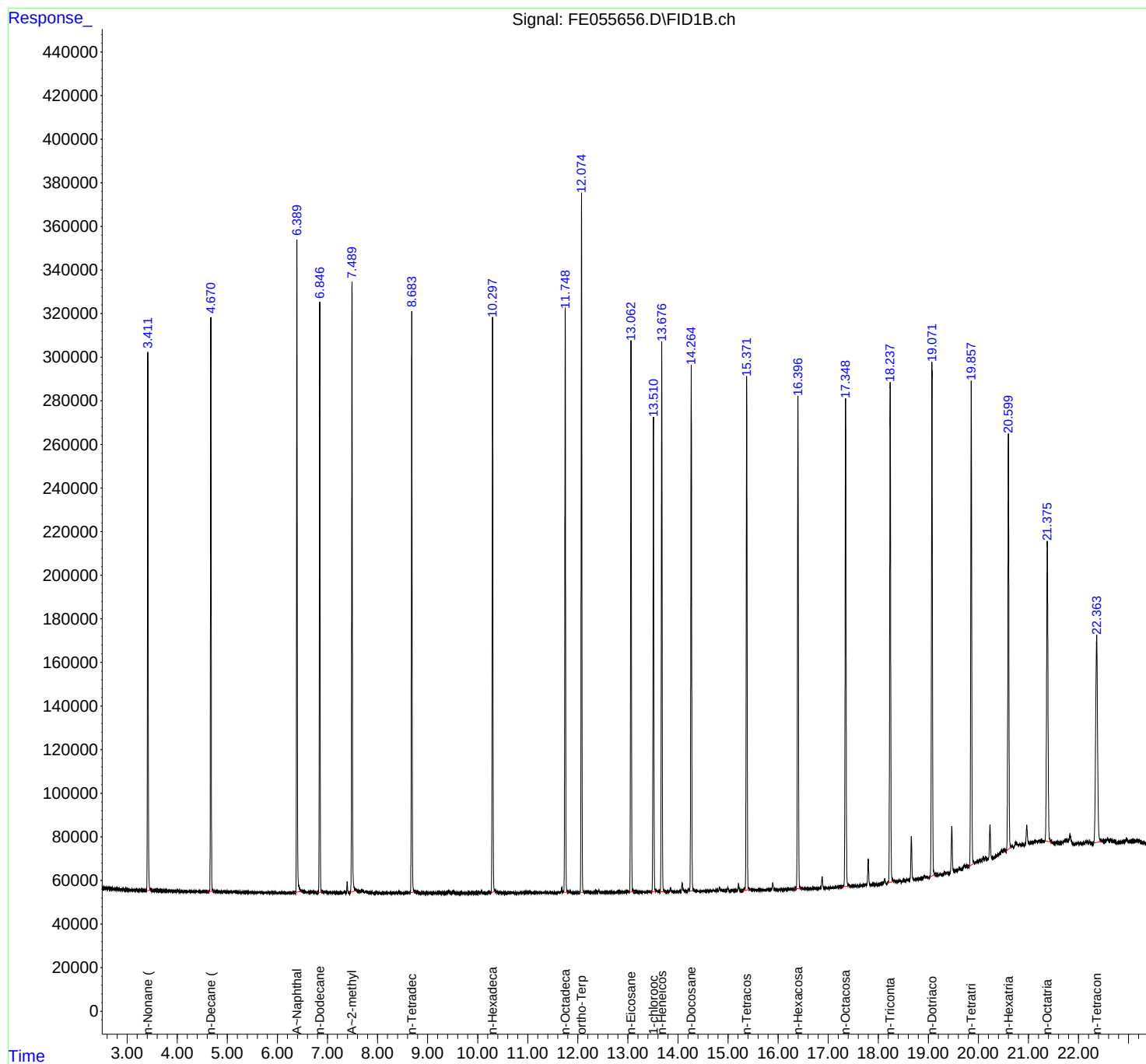
(m)=manual int.

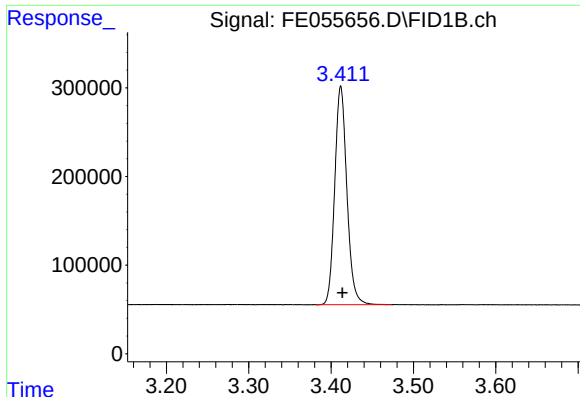
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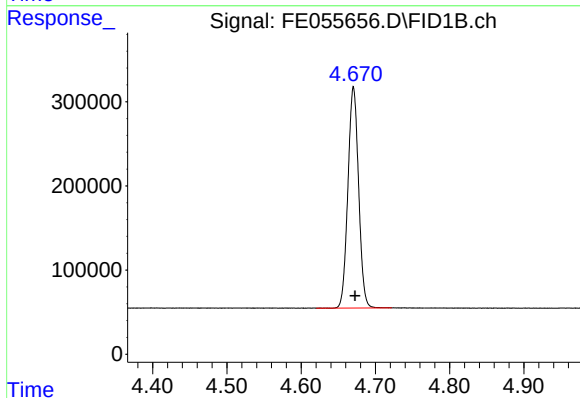




#1 n-Nonane (C9)

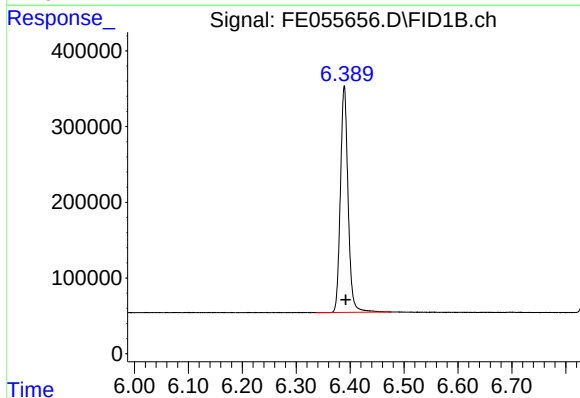
R.T.: 3.412 min
Delta R.T.: -0.002 min
Response: 2530022
Conc: 19.94 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



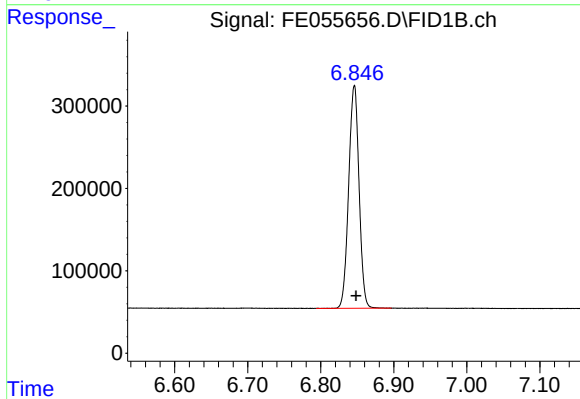
#2 n-Decane (C10)

R.T.: 4.671 min
Delta R.T.: -0.002 min
Response: 2623638
Conc: 20.48 ug/ml



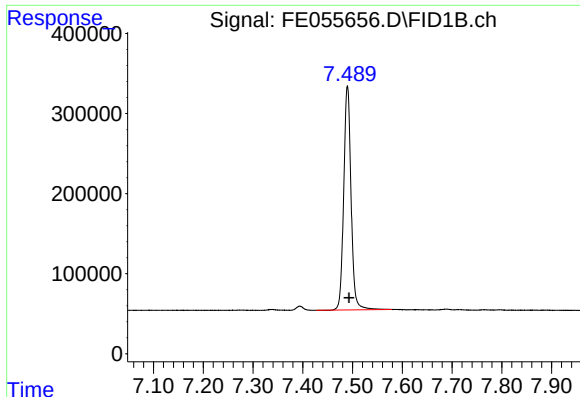
#3 A~Naphthalene (C11.7)

R.T.: 6.389 min
Delta R.T.: -0.003 min
Response: 2951824
Conc: 20.32 ug/ml



#4 n-Dodecane (C12)

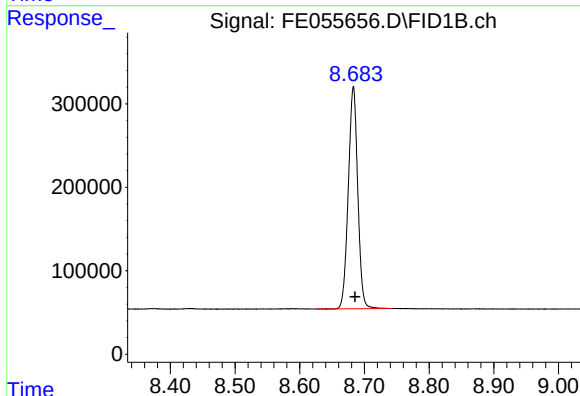
R.T.: 6.846 min
Delta R.T.: -0.003 min
Response: 2672205
Conc: 20.52 ug/ml



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

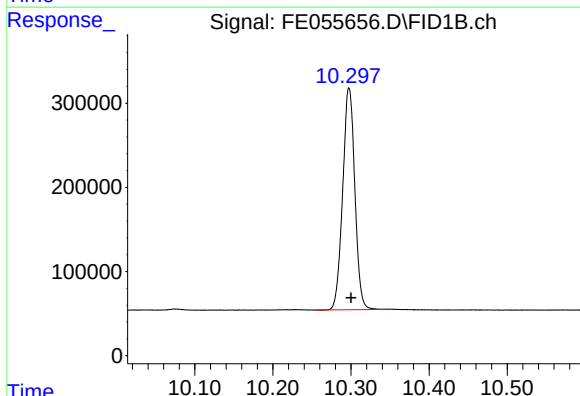
R.T.: 7.490 min
Delta R.T.: -0.003 min
Response: 2866724
Conc: 20.38 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



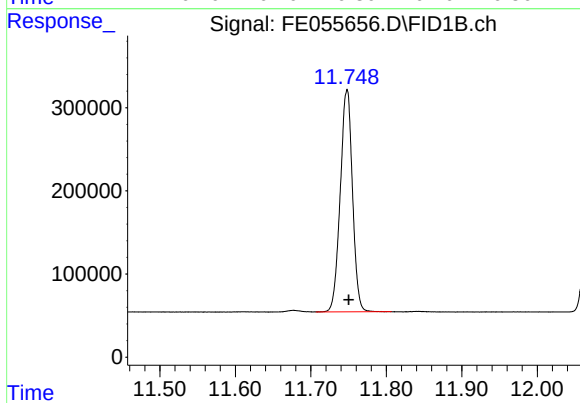
#6 n-Tetradecane (C14)

R.T.: 8.683 min
Delta R.T.: -0.002 min
Response: 2701598
Conc: 20.51 ug/ml



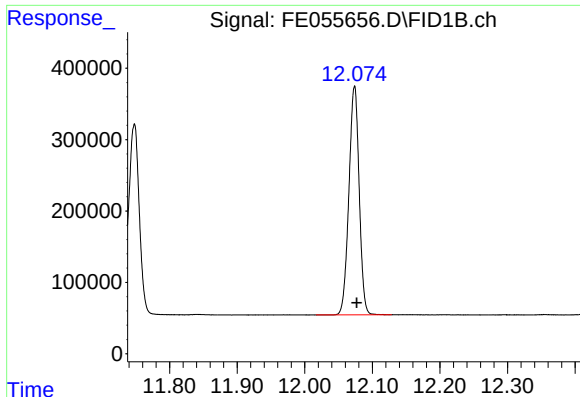
#7 n-Hexadecane (C16)

R.T.: 10.298 min
Delta R.T.: -0.003 min
Response: 2850215
Conc: 20.58 ug/ml



#8 n-Octadecane (C18)

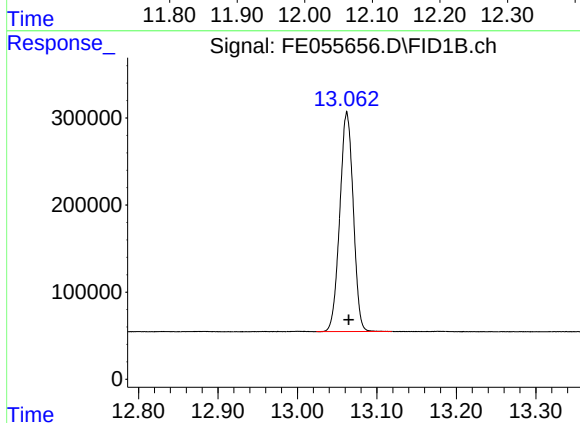
R.T.: 11.748 min
Delta R.T.: -0.003 min
Response: 3005253
Conc: 20.60 ug/ml



#9 ortho-Terphenyl (SURR)

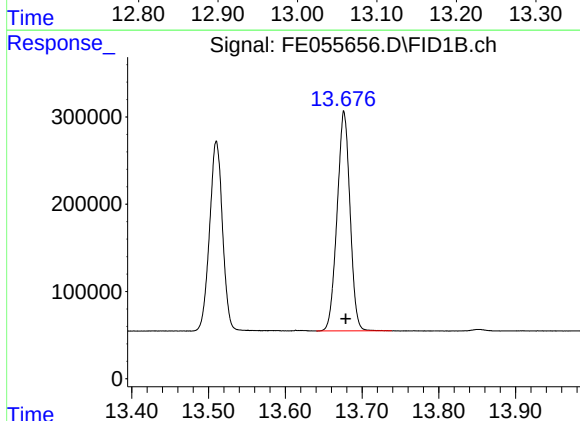
R.T.: 12.074 min
Delta R.T.: -0.003 min
Response: 3384226
Conc: 20.60 ug/ml

Instrument :
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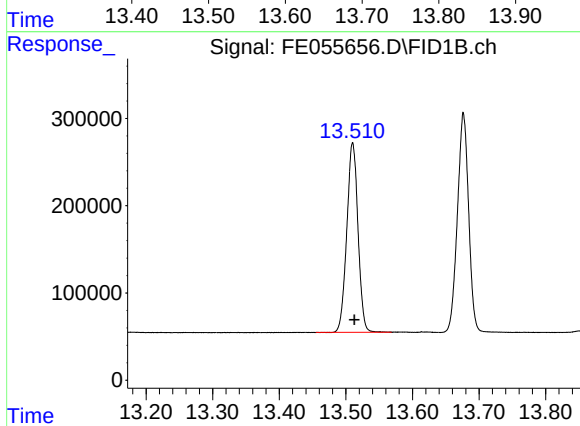
#10 n-Eicosane (C20)

R.T.: 13.062 min
Delta R.T.: -0.002 min
Response: 2967370
Conc: 20.61 ug/ml



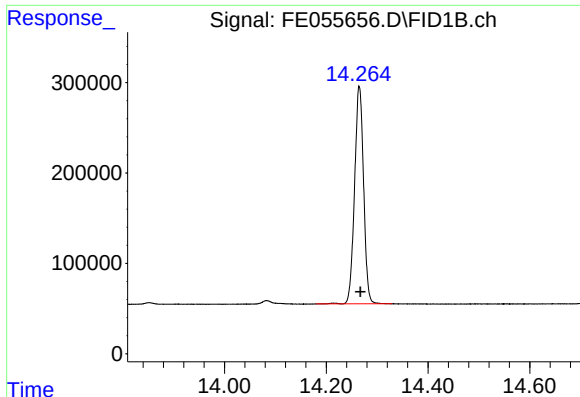
#11 n-Heneicosane (C21)

R.T.: 13.677 min
Delta R.T.: -0.002 min
Response: 2944481
Conc: 20.61 ug/ml



#12 1-chlorooctadecane (SURR)

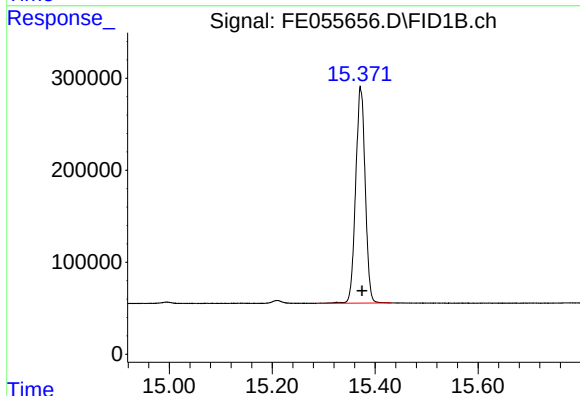
R.T.: 13.510 min
Delta R.T.: -0.003 min
Response: 2540815
Conc: 20.32 ug/ml



#13 n-Docosane (C22)

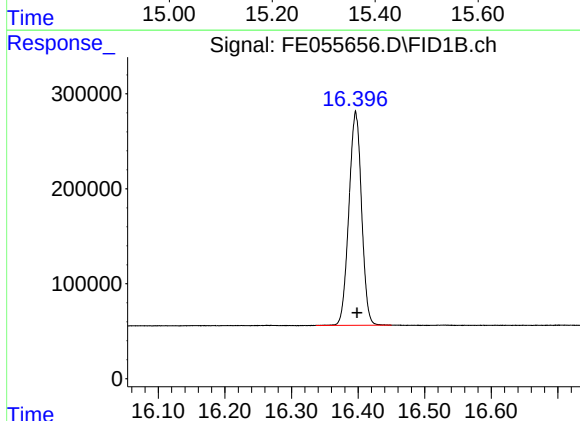
R.T.: 14.265 min
Delta R.T.: -0.002 min
Response: 2962195
Conc: 20.69 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



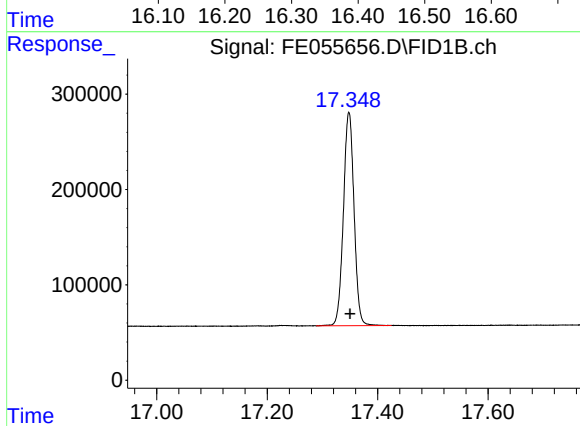
#14 n-Tetracosane (C24)

R.T.: 15.372 min
Delta R.T.: -0.003 min
Response: 3017888
Conc: 20.86 ug/ml



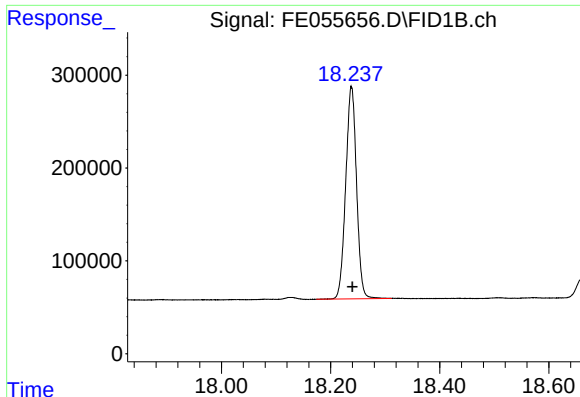
#15 n-Hexacosane (C26)

R.T.: 16.396 min
Delta R.T.: -0.002 min
Response: 2970776
Conc: 20.79 ug/ml



#16 n-Octacosane (C28)

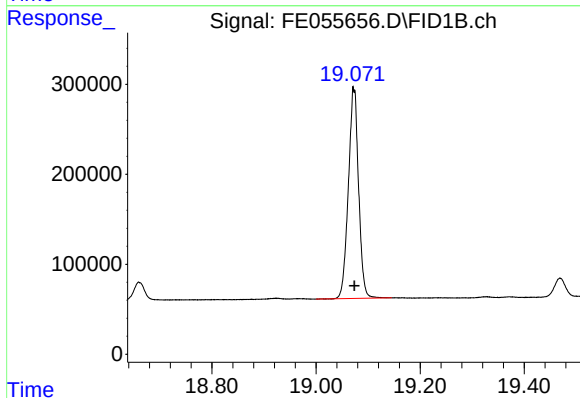
R.T.: 17.348 min
Delta R.T.: -0.002 min
Response: 2990705
Conc: 21.03 ug/ml



#17 n-Tricontane (C30)

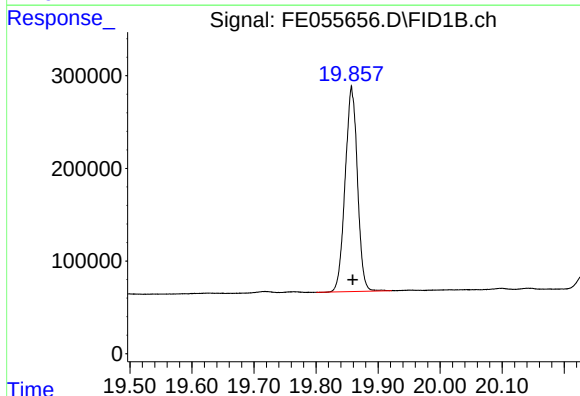
R.T.: 18.238 min
Delta R.T.: -0.001 min
Response: 3148998
Conc: 21.30 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



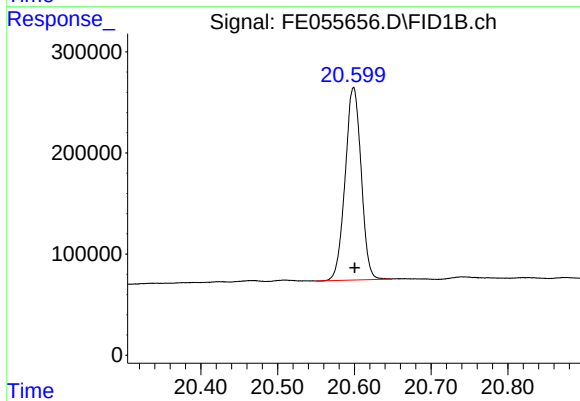
#18 n-Dotriacontane (C32)

R.T.: 19.073 min
Delta R.T.: 0.000 min
Response: 3188285
Conc: 21.72 ug/ml



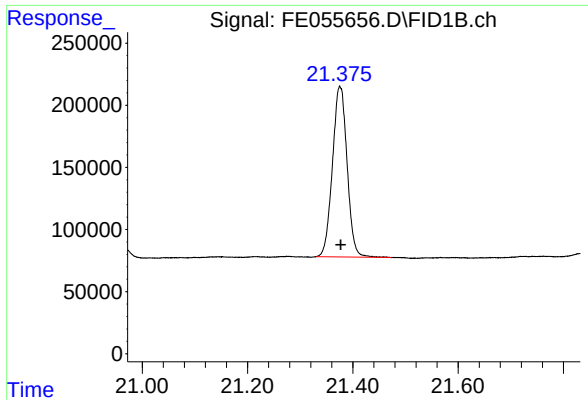
#19 n-Tetratriacontane (C34)

R.T.: 19.858 min
Delta R.T.: -0.001 min
Response: 3040397
Conc: 21.52 ug/ml



#20 n-Hexatriacontane (C36)

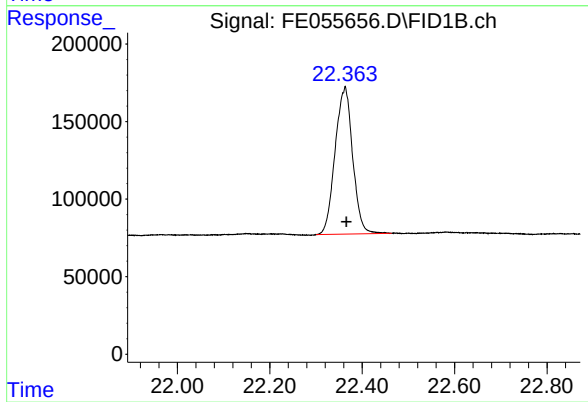
R.T.: 20.599 min
Delta R.T.: -0.002 min
Response: 2760387
Conc: 20.92 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.376 min
Delta R.T.: -0.002 min
Response: 2646085
Conc: 20.32 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.363 min
Delta R.T.: -0.003 min
Response: 2499325
Conc: 19.49 ug/ml