

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE100325AL\
 Data File : FE056163.D
 Signal(s) : FID1B.ch
 Acq On : 03 Oct 2025 11:00
 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: Oct 03 23:11:47 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)	12.068	4057765	21.624 ug/ml
Spiked Amount 50.000		Recovery =	43.25%
12) S 1-chlorooctadecane (S...	13.504	3023113	21.661 ug/ml
Spiked Amount 50.000		Recovery =	43.32%
Target Compounds			
1) T n-Nonane (C9)	3.411	2541644	18.553 ug/ml
2) T n-Decane (C10)	4.669	2676880	19.180 ug/ml
3) T A~Naphthalene (C11.7)	6.388	3268846	20.473 ug/ml
4) T n-Dodecane (C12)	6.844	2885835	20.106 ug/ml
5) T A~2-methylnaphthalene...	7.488	3271003	21.033 ug/ml
6) T n-Tetradecane (C14)	8.679	3118257	21.091 ug/ml
7) T n-Hexadecane (C16)	10.293	3474289	21.864 ug/ml
8) T n-Octadecane (C18)	11.742	3719275	21.958 ug/ml
10) T n-Eicosane (C20)	13.056	3613323	21.798 ug/ml
11) T n-Heneicosane (C21)	13.670	3498608	21.531 ug/ml
13) T n-Docosane (C22)	14.258	3416580	21.382 ug/ml
14) T n-Tetracosane (C24)	15.364	3264188	21.421 ug/ml
15) T n-Hexacosane (C26)	16.388	3059311	21.449 ug/ml
16) T n-Octacosane (C28)	17.339	2998504	21.525 ug/ml
17) T n-Tricontane (C30)	18.230	3177347	21.442 ug/ml
18) T n-Dotriacontane (C32)	19.063	3308702	22.176 ug/ml
19) T n-Tetratriacontane (C34)	19.849	3195116	22.588 ug/ml
20) T n-Hexatriacontane (C36)	20.589	2879553	22.432 ug/ml
21) T n-Octatriacontane (C38)	21.363	2670648	20.333 ug/ml
22) T n-Tetracontane (C40)	22.343	2487593	20.910 ug/ml

(f)=RT Delta > 1/2 Window

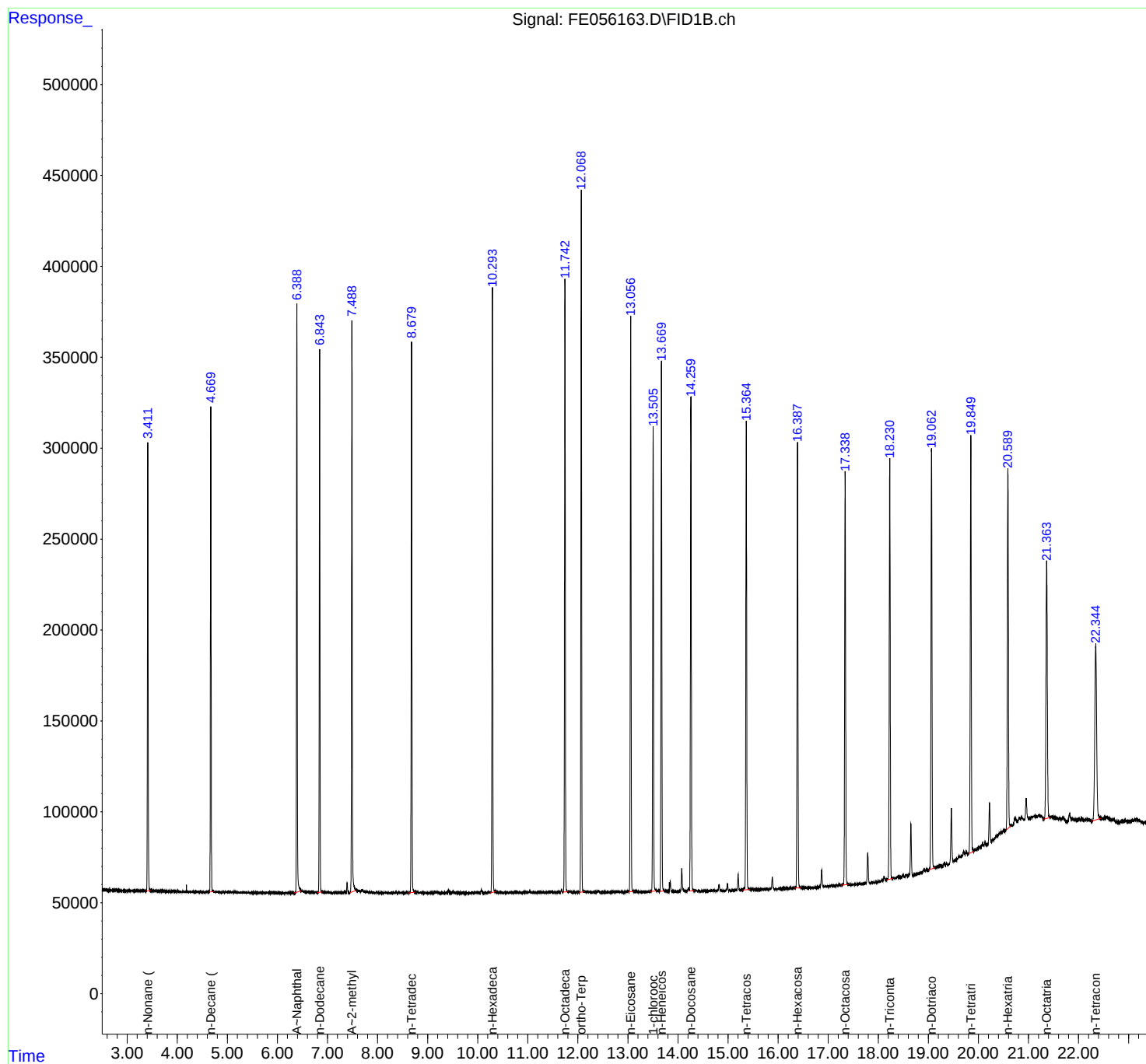
(m)=manual int.

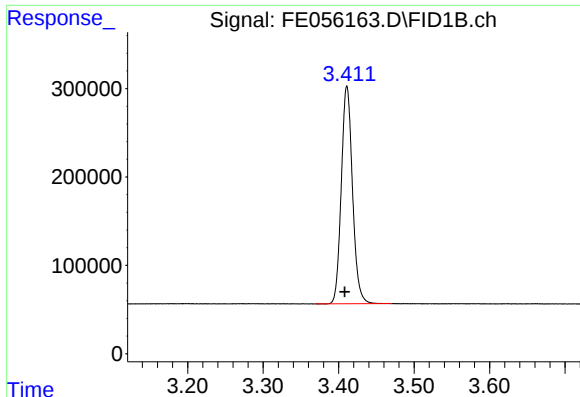
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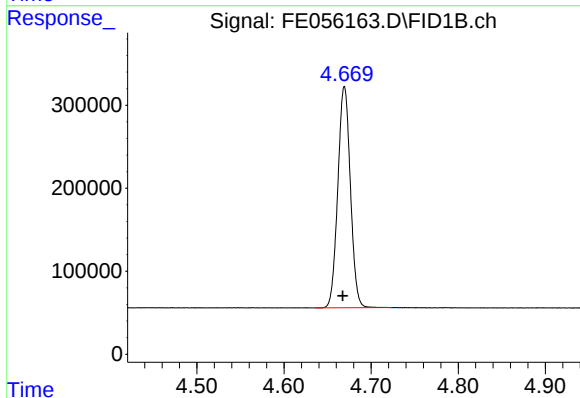




#1 n-Nonane (C9)

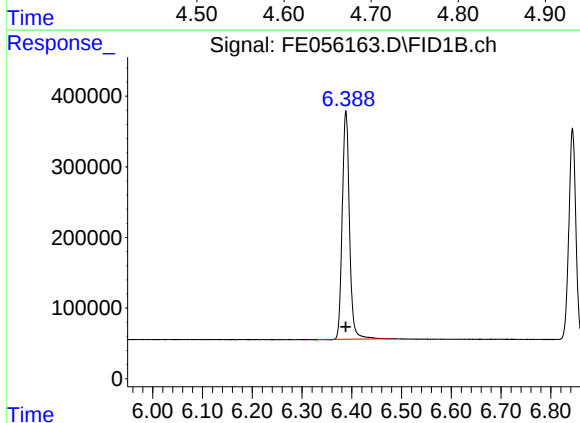
R.T.: 3.411 min
Delta R.T.: 0.003 min
Response: 2541644
Conc: 18.55 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



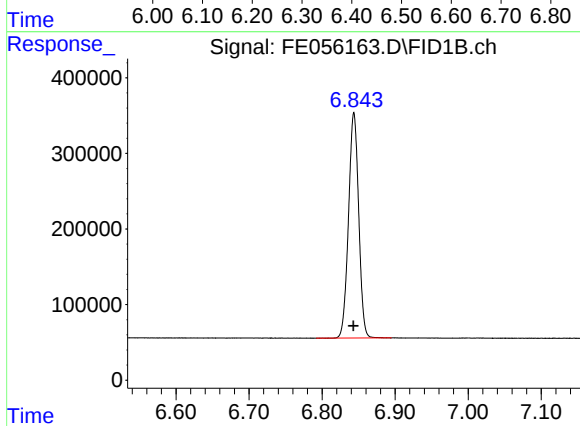
#2 n-Decane (C10)

R.T.: 4.669 min
Delta R.T.: 0.002 min
Response: 2676880
Conc: 19.18 ug/ml



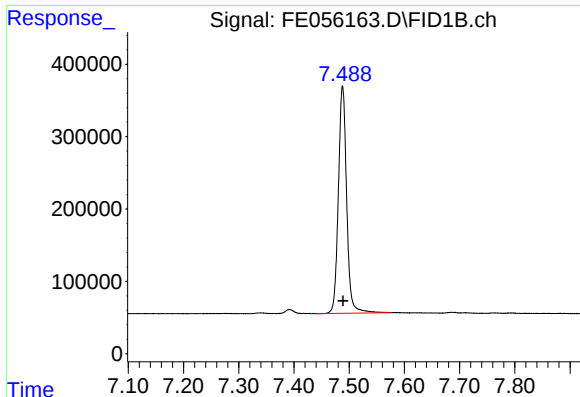
#3 A~Naphthalene (C11.7)

R.T.: 6.388 min
Delta R.T.: 0.000 min
Response: 3268846
Conc: 20.47 ug/ml



#4 n-Dodecane (C12)

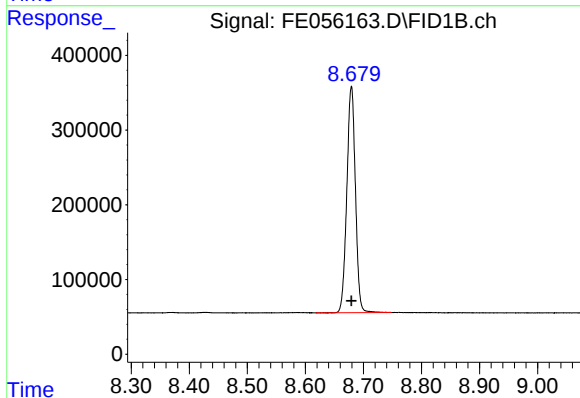
R.T.: 6.844 min
Delta R.T.: 0.000 min
Response: 2885835
Conc: 20.11 ug/ml



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

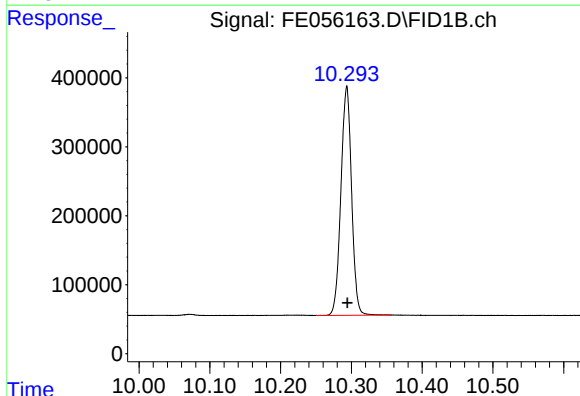
R.T.: 7.488 min
Delta R.T.: 0.000 min
Response: 3271003
Conc: 21.03 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



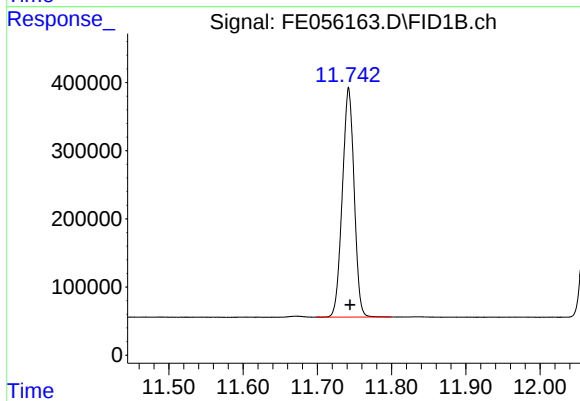
#6 n-Tetradecane (C14)

R.T.: 8.679 min
Delta R.T.: 0.000 min
Response: 3118257
Conc: 21.09 ug/ml



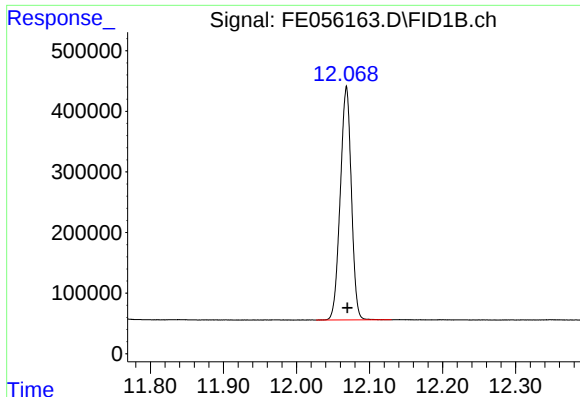
#7 n-Hexadecane (C16)

R.T.: 10.293 min
Delta R.T.: -0.001 min
Response: 3474289
Conc: 21.86 ug/ml



#8 n-Octadecane (C18)

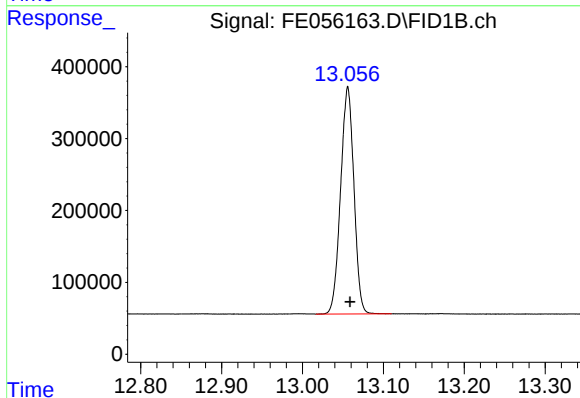
R.T.: 11.742 min
Delta R.T.: -0.002 min
Response: 3719275
Conc: 21.96 ug/ml



#9 ortho-Terphenyl (SURR)

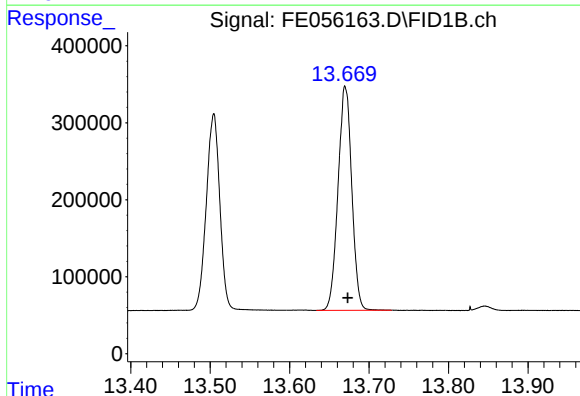
R.T.: 12.068 min
Delta R.T.: -0.002 min
Response: 4057765
Conc: 21.62 ug/ml

Instrument :
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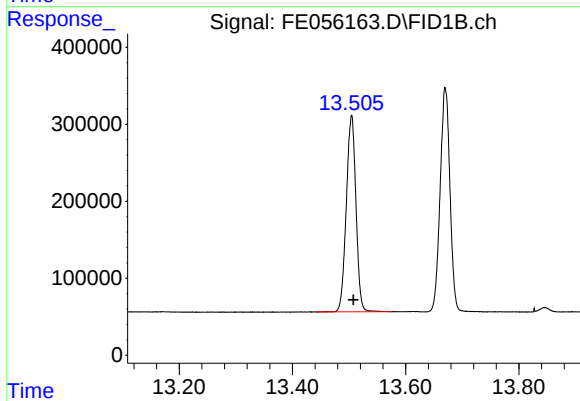
#10 n-Eicosane (C20)

R.T.: 13.056 min
Delta R.T.: -0.003 min
Response: 3613323
Conc: 21.80 ug/ml



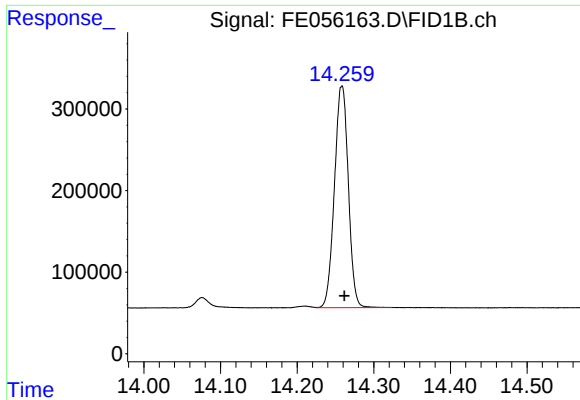
#11 n-Heneicosane (C21)

R.T.: 13.670 min
Delta R.T.: -0.003 min
Response: 3498608
Conc: 21.53 ug/ml



#12 1-chlorooctadecane (SURR)

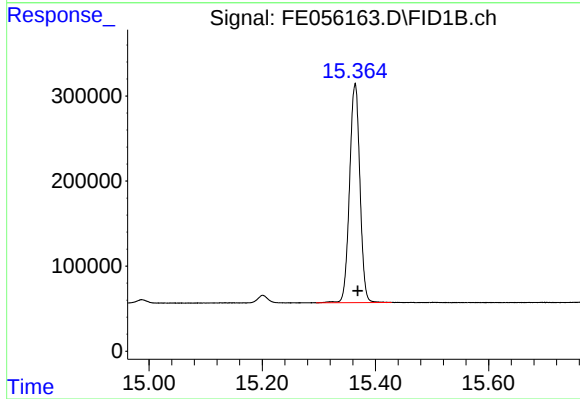
R.T.: 13.504 min
Delta R.T.: -0.003 min
Response: 3023113
Conc: 21.66 ug/ml



#13 n-Docosane (C22)

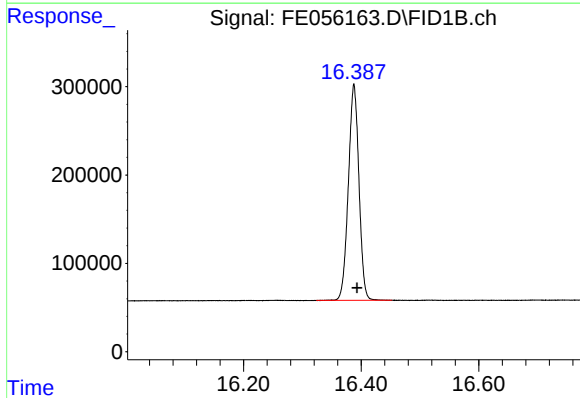
R.T.: 14.258 min
Delta R.T.: -0.003 min
Response: 3416580
Conc: 21.38 ug/ml

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20 PPM ALIPHATIC HC STD



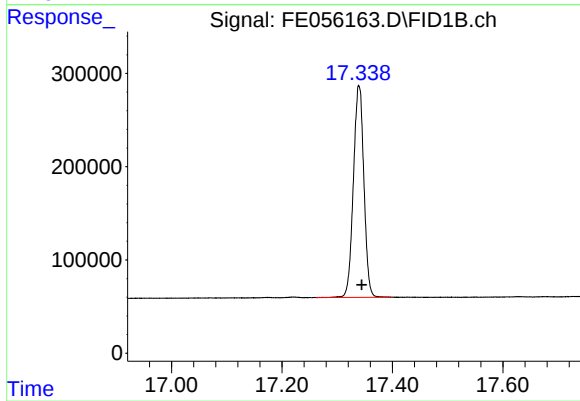
#14 n-Tetracosane (C24)

R.T.: 15.364 min
Delta R.T.: -0.005 min
Response: 3264188
Conc: 21.42 ug/ml



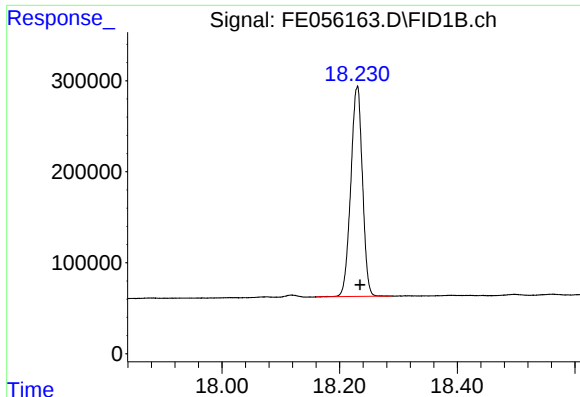
#15 n-Hexacosane (C26)

R.T.: 16.388 min
Delta R.T.: -0.005 min
Response: 3059311
Conc: 21.45 ug/ml



#16 n-Octacosane (C28)

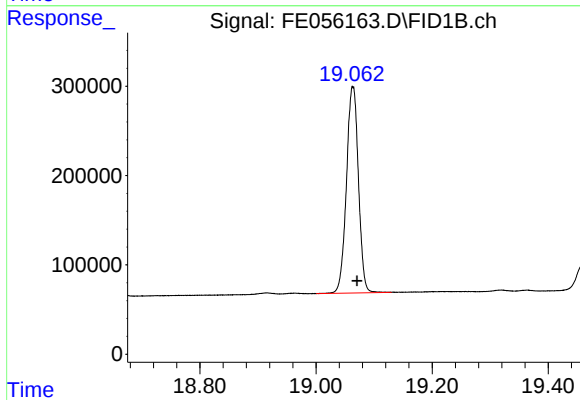
R.T.: 17.339 min
Delta R.T.: -0.005 min
Response: 2998504
Conc: 21.52 ug/ml



#17 n-Tricontane (C30)

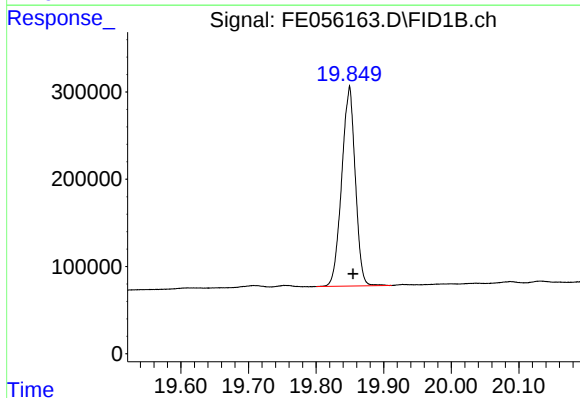
R.T.: 18.230 min
Delta R.T.: -0.005 min
Response: 3177347
Conc: 21.44 ug/ml

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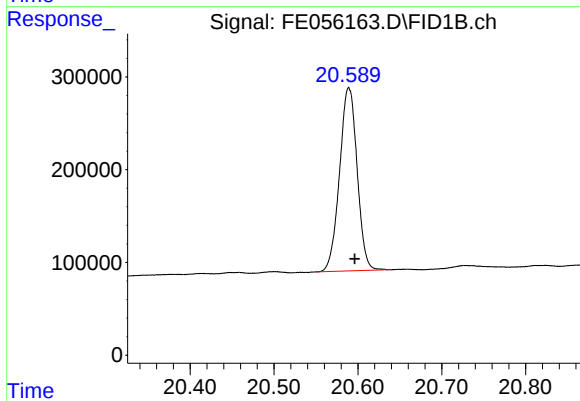
#18 n-Dotriacontane (C32)

R.T.: 19.063 min
Delta R.T.: -0.007 min
Response: 3308702
Conc: 22.18 ug/ml



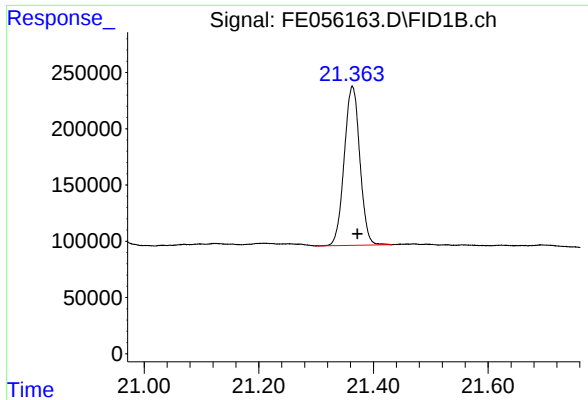
#19 n-Tetratriacontane (C34)

R.T.: 19.849 min
Delta R.T.: -0.006 min
Response: 3195116
Conc: 22.59 ug/ml



#20 n-Hexatriacontane (C36)

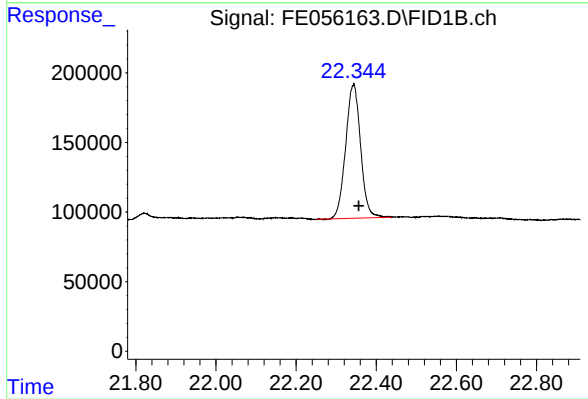
R.T.: 20.589 min
Delta R.T.: -0.007 min
Response: 2879553
Conc: 22.43 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.363 min
Delta R.T.: -0.008 min
Response: 2670648
Conc: 20.33 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.343 min
Delta R.T.: -0.013 min
Response: 2487593
Conc: 20.91 ug/ml