

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120424AL\
 Data File : FE051538.D
 Signal(s) : FID1B.ch
 Acq On : 04 Dec 2024 19:41
 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: Dec 05 00:17:53 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 120224.M
 Quant Title : GC Extractables
 QLast Update : Mon Dec 02 14:18:35 2024
 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)	11.827	2917166	19.304 ug/ml
Spiked Amount 50.000		Recovery =	38.61%
12) S 1-chlorooctadecane (S...	13.260	2228298	19.940 ug/ml
Spiked Amount 50.000		Recovery =	39.88%
Target Compounds			
1) T n-Nonane (C9)	3.219	2662869	19.000 ug/ml
2) T n-Decane (C10)	4.466	2727099	19.231 ug/ml
3) T A~Naphthalene (C11.7)	6.182	2496630	18.886 ug/ml
4) T n-Dodecane (C12)	6.633	2758079	19.376 ug/ml
5) T A~2-methylnaphthalene...	7.279	2286904	19.063 ug/ml
6) T n-Tetradecane (C14)	8.460	2714675	19.474 ug/ml
7) T n-Hexadecane (C16)	10.065	2763862	19.453 ug/ml
8) T n-Octadecane (C18)	11.506	2790726	19.419 ug/ml
10) T n-Eicosane (C20)	12.814	2684817	19.449 ug/ml
11) T n-Heneicosane (C21)	13.425	2632174	19.419 ug/ml
13) T n-Docosane (C22)	14.010	2598054	19.403 ug/ml
14) T n-Tetracosane (C24)	15.111	2571770	19.463 ug/ml
15) T n-Hexacosane (C26)	16.131	2528845	19.501 ug/ml
16) T n-Octacosane (C28)	17.079	2500904	19.616 ug/ml
17) T n-Tricontane (C30)	17.966	2558867	19.762 ug/ml
18) T n-Dotriacontane (C32)	18.796	2500482	19.974 ug/ml
19) T n-Tetratriacontane (C34)	19.579	2217842	19.637 ug/ml
20) T n-Hexatriacontane (C36)	20.319	1946258	20.209 ug/ml
21) T n-Octatriacontane (C38)	21.040	1846171	20.277 ug/ml
22) T n-Tetracontane (C40)	21.914	1777581	20.284 ug/ml

(f)=RT Delta > 1/2 Window

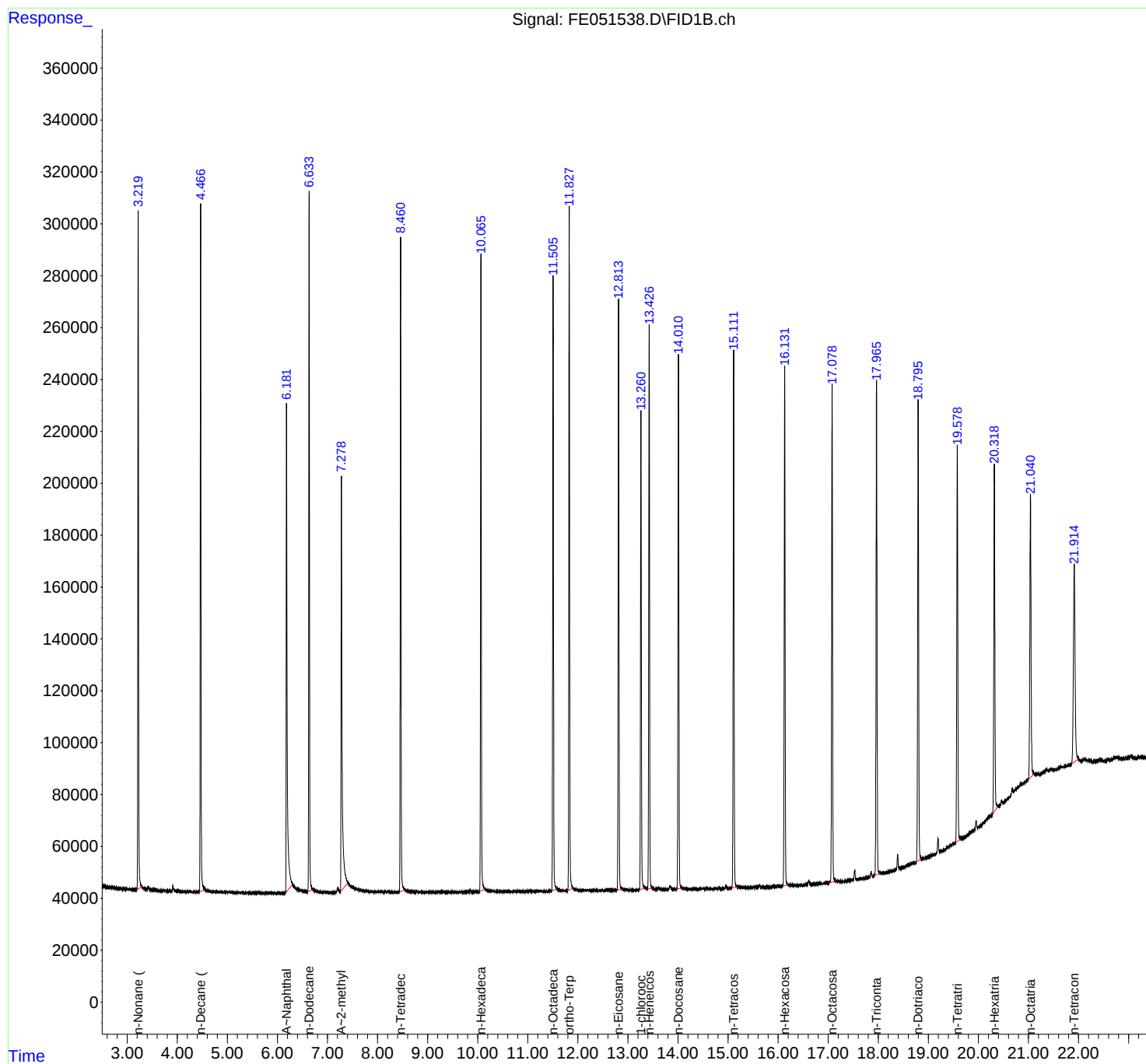
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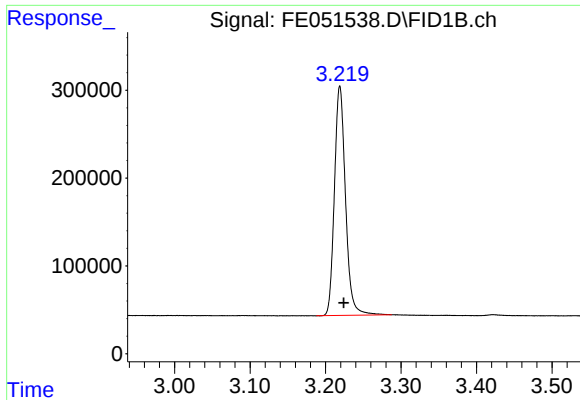
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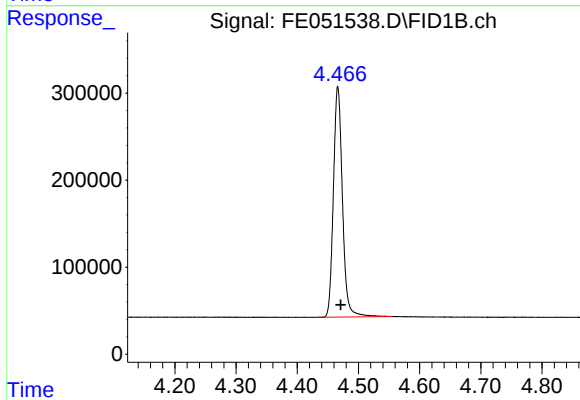




#1 n-Nonane (C9)

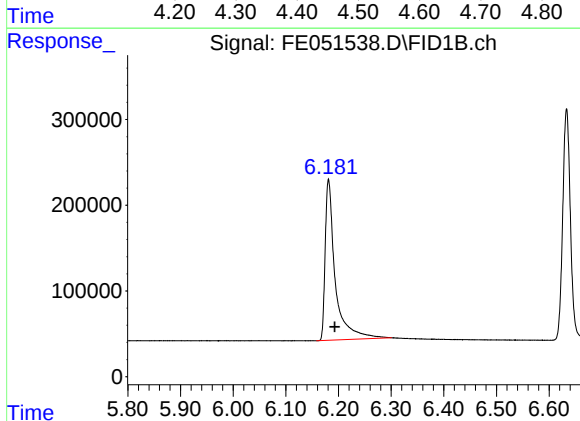
R.T.: 3.219 min
Delta R.T.: -0.005 min
Response: 2662869
Conc: 19.00 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



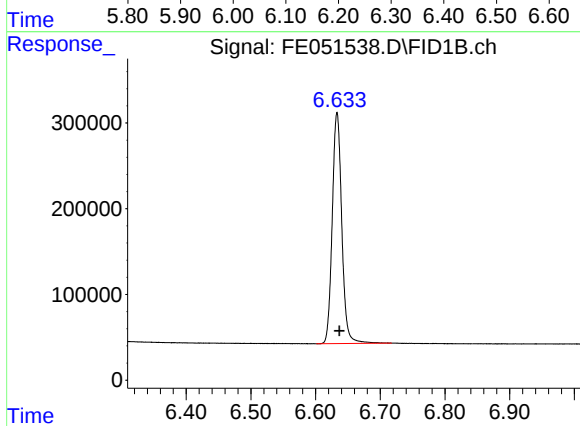
#2 n-Decane (C10)

R.T.: 4.466 min
Delta R.T.: -0.005 min
Response: 2727099
Conc: 19.23 ug/ml



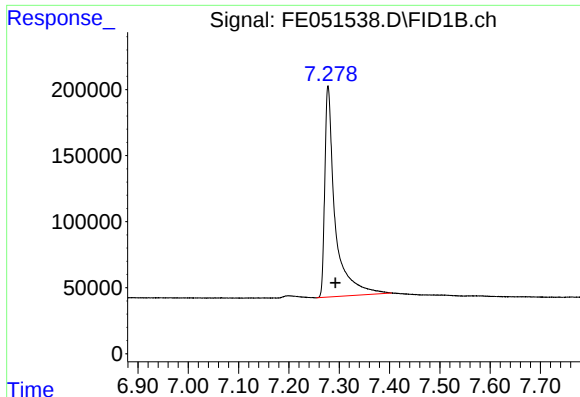
#3 A~Naphthalene (C11.7)

R.T.: 6.182 min
Delta R.T.: -0.011 min
Response: 2496630
Conc: 18.89 ug/ml



#4 n-Dodecane (C12)

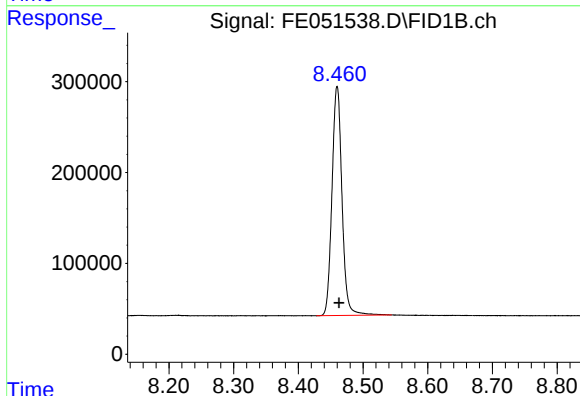
R.T.: 6.633 min
Delta R.T.: -0.004 min
Response: 2758079
Conc: 19.38 ug/ml



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

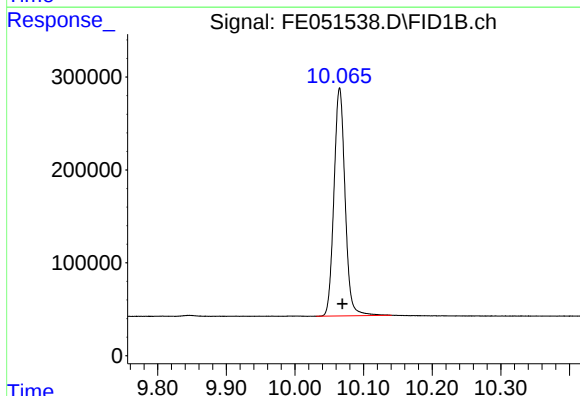
R.T.: 7.279 min
Delta R.T.: -0.014 min
Response: 2286904
Conc: 19.06 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



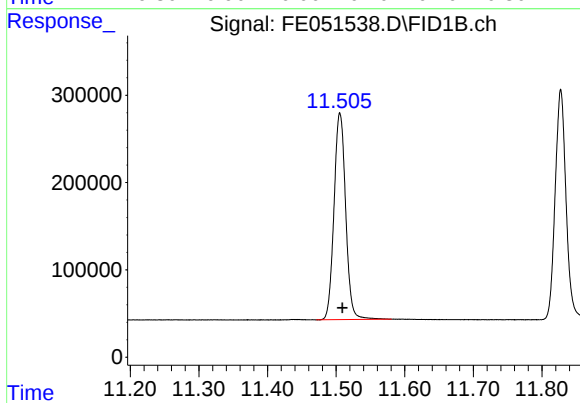
#6 n-Tetradecane (C14)

R.T.: 8.460 min
Delta R.T.: -0.003 min
Response: 2714675
Conc: 19.47 ug/ml



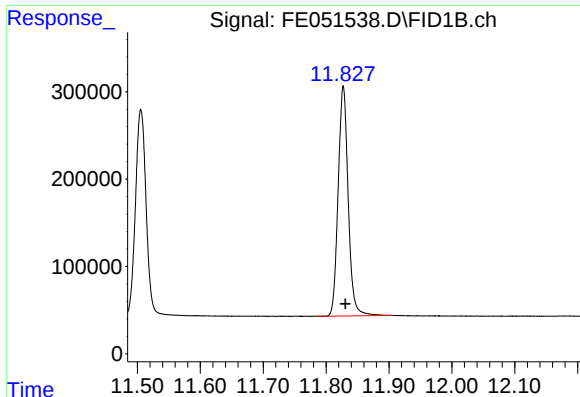
#7 n-Hexadecane (C16)

R.T.: 10.065 min
Delta R.T.: -0.004 min
Response: 2763862
Conc: 19.45 ug/ml



#8 n-Octadecane (C18)

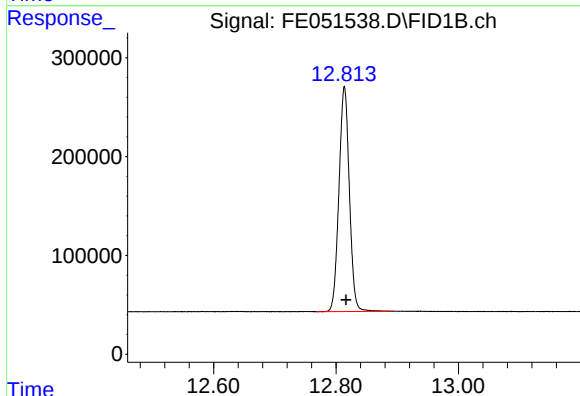
R.T.: 11.506 min
Delta R.T.: -0.004 min
Response: 2790726
Conc: 19.42 ug/ml



#9 ortho-Terphenyl (SURR)

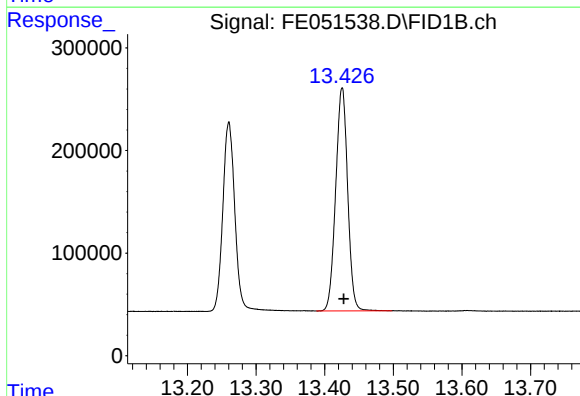
R.T.: 11.827 min
Delta R.T.: -0.004 min
Response: 2917166
Conc: 19.30 ug/ml

Instrument :
FID_E
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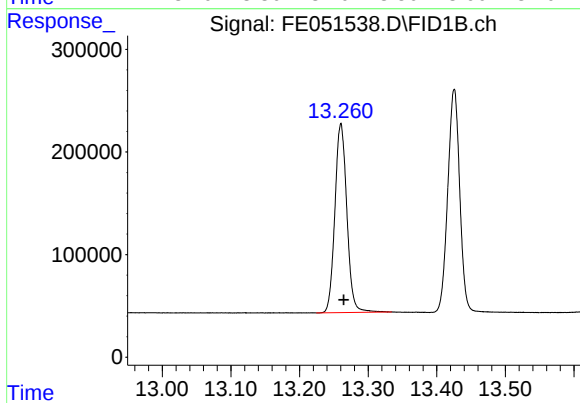
#10 n-Eicosane (C20)

R.T.: 12.814 min
Delta R.T.: -0.003 min
Response: 2684817
Conc: 19.45 ug/ml



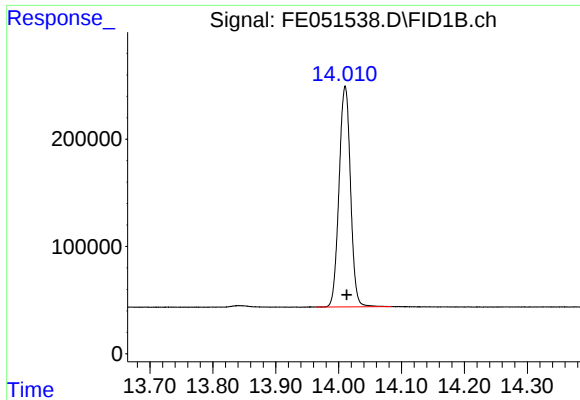
#11 n-Heneicosane (C21)

R.T.: 13.425 min
Delta R.T.: -0.002 min
Response: 2632174
Conc: 19.42 ug/ml



#12 1-chlorooctadecane (SURR)

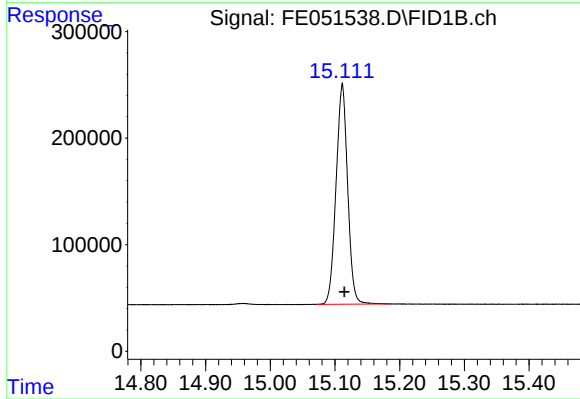
R.T.: 13.260 min
Delta R.T.: -0.004 min
Response: 2228298
Conc: 19.94 ug/ml



#13 n-Docosane (C22)

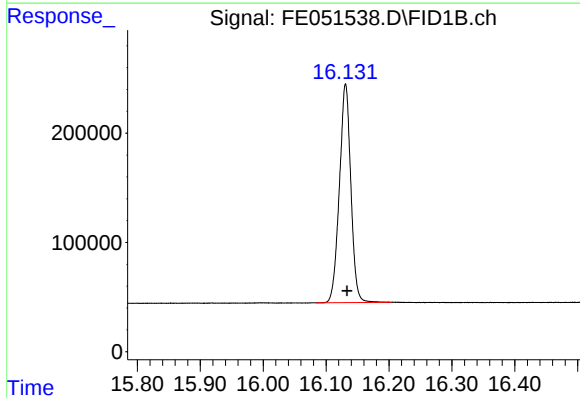
R.T.: 14.010 min
Delta R.T.: -0.003 min
Response: 2598054
Conc: 19.40 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



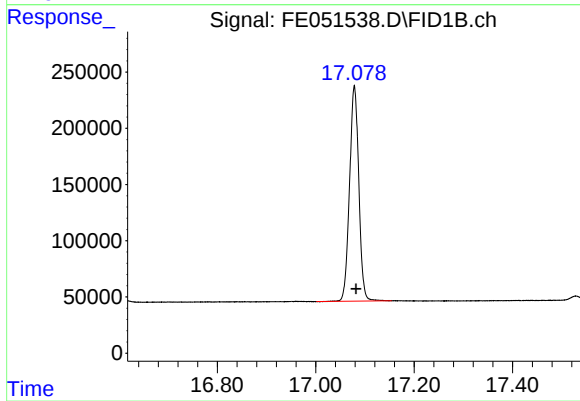
#14 n-Tetracosane (C24)

R.T.: 15.111 min
Delta R.T.: -0.004 min
Response: 2571770
Conc: 19.46 ug/ml



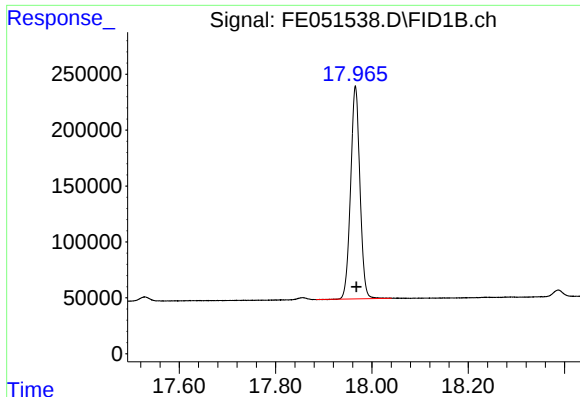
#15 n-Hexacosane (C26)

R.T.: 16.131 min
Delta R.T.: -0.002 min
Response: 2528845
Conc: 19.50 ug/ml



#16 n-Octacosane (C28)

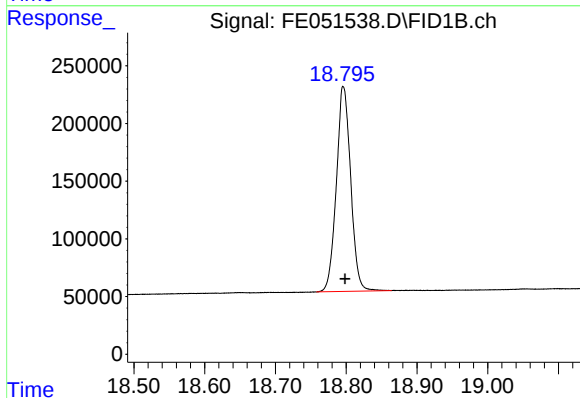
R.T.: 17.079 min
Delta R.T.: -0.004 min
Response: 2500904
Conc: 19.62 ug/ml



#17 n-Tricontane (C30)

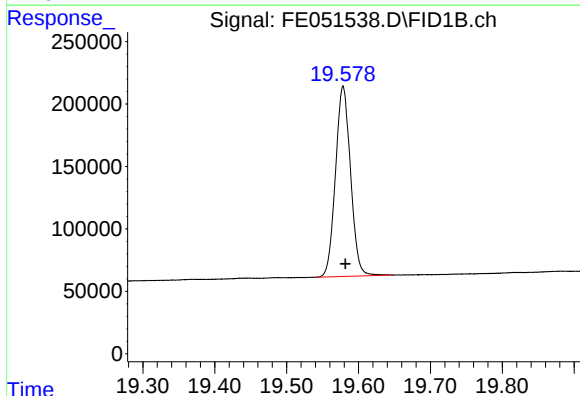
R.T.: 17.966 min
Delta R.T.: -0.002 min
Response: 2558867
Conc: 19.76 ug/ml

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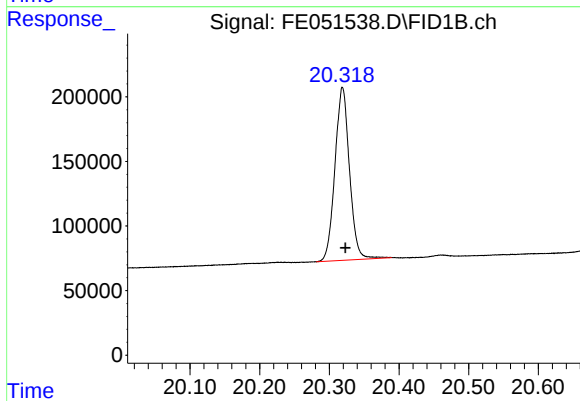
#18 n-Dotriacontane (C32)

R.T.: 18.796 min
Delta R.T.: -0.002 min
Response: 2500482
Conc: 19.97 ug/ml



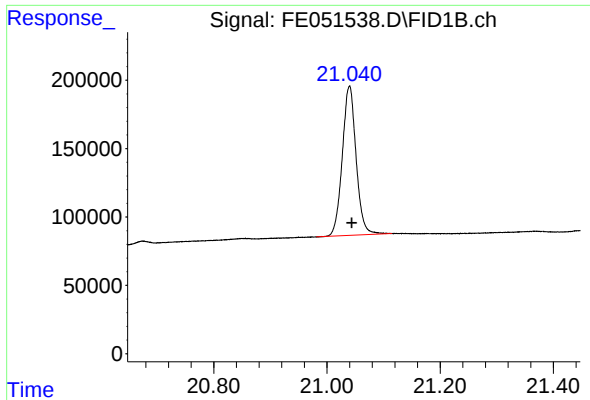
#19 n-Tetratriacontane (C34)

R.T.: 19.579 min
Delta R.T.: -0.004 min
Response: 2217842
Conc: 19.64 ug/ml



#20 n-Hexatriacontane (C36)

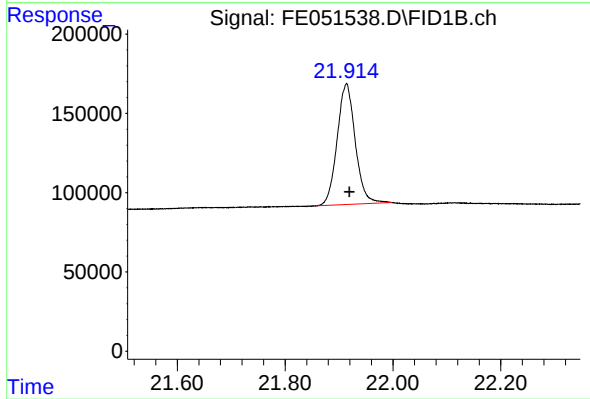
R.T.: 20.319 min
Delta R.T.: -0.004 min
Response: 1946258
Conc: 20.21 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.040 min
Delta R.T.: -0.004 min
Response: 1846171
Conc: 20.28 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.914 min
Delta R.T.: -0.006 min
Response: 1777581
Conc: 20.28 ug/ml