

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042324AL\
 Data File : FE047736.D
 Signal(s) : FID1B.ch
 Acq On : 23 Apr 2024 12:31
 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: Apr 23 14:42:25 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 040224.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 02 05:28:28 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)	11.974	2921218	16.842 ug/ml
Spiked Amount 50.000		Recovery =	33.68%
12) S 1-chlorooctadecane (S...	13.409	2269074	16.871 ug/ml
Spiked Amount 50.000		Recovery =	33.74%
Target Compounds			
1) T n-Nonane (C9)	3.354	2493945	15.941 ug/ml
2) T n-Decane (C10)	4.607	2605345	16.211 ug/ml
3) T A~Naphthalene (C11.7)	6.315	2748806	16.212 ug/ml
4) T n-Dodecane (C12)	6.774	2636231	16.242 ug/ml
5) T A~2-methylnaphthalene...	7.411	2655485	16.170 ug/ml
6) T n-Tetradecane (C14)	8.602	2654074	16.498 ug/ml
7) T n-Hexadecane (C16)	10.210	2777165	16.722 ug/ml
8) T n-Octadecane (C18)	11.654	2835155	16.906 ug/ml
10) T n-Eicosane (C20)	12.963	2758906	17.030 ug/ml
11) T n-Heneicosane (C21)	13.575	2696207	16.992 ug/ml
13) T n-Docosane (C22)	14.161	2773110	17.280 ug/ml
14) T n-Tetracosane (C24)	15.264	2914575	17.657 ug/ml
15) T n-Hexacosane (C26)	16.285	3011915	18.221 ug/ml
16) T n-Octacosane (C28)	17.234	3198084	19.299 ug/ml
17) T n-Tricontane (C30)	18.121	3557776	20.956 ug/ml
18) T n-Dotriacontane (C32)	18.954	3590020	21.529 ug/ml
19) T n-Tetratriacontane (C34)	19.736	3318858	20.693 ug/ml
20) T n-Hexatriacontane (C36)	20.474	3037667	19.045 ug/ml
21) T n-Octatriacontane (C38)	21.217	2972892	18.292 ug/ml
22) T n-Tetracontane (C40)	22.145	2879988	17.590 ug/ml

(f)=RT Delta > 1/2 Window

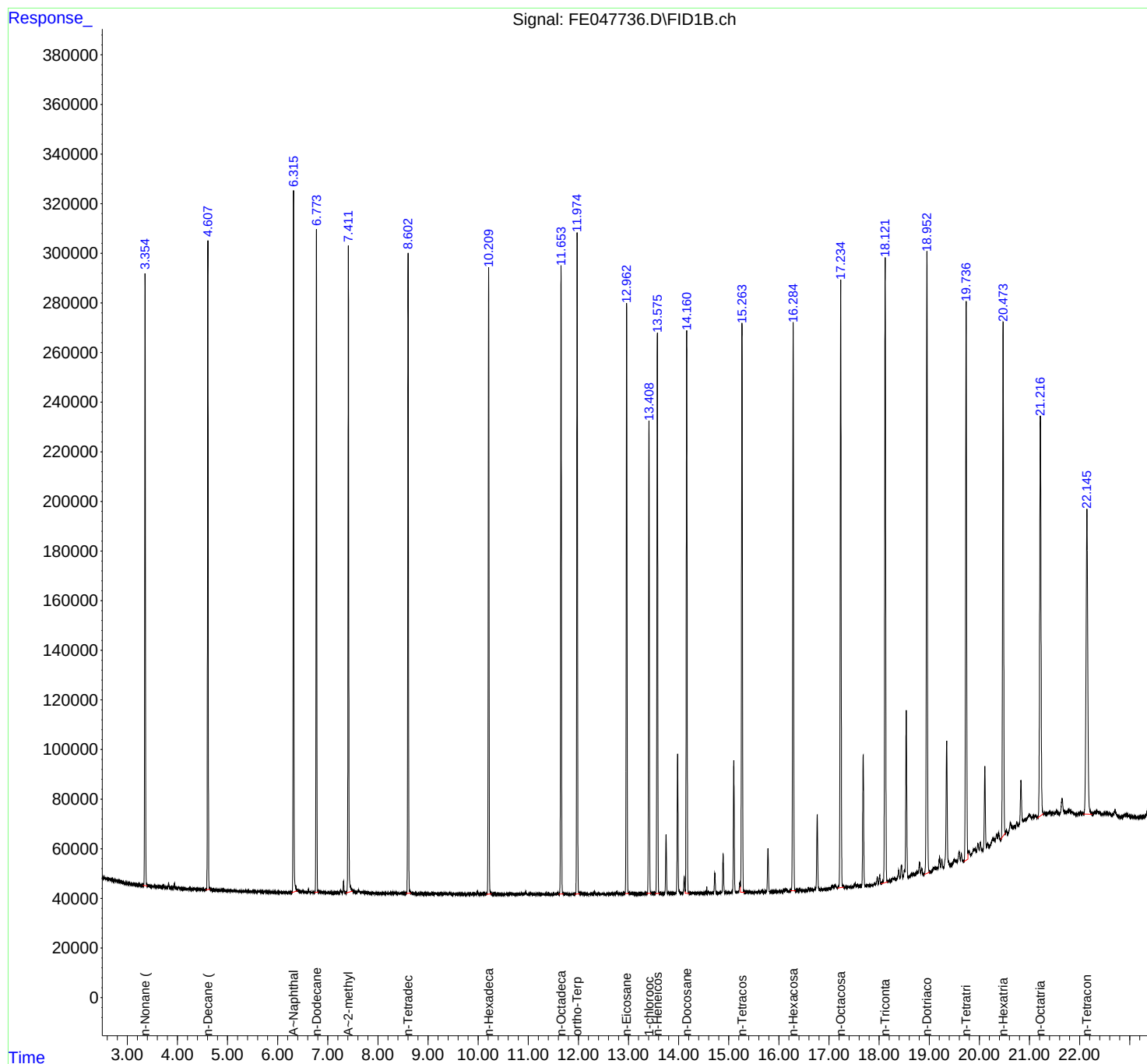
(m)=manual int.

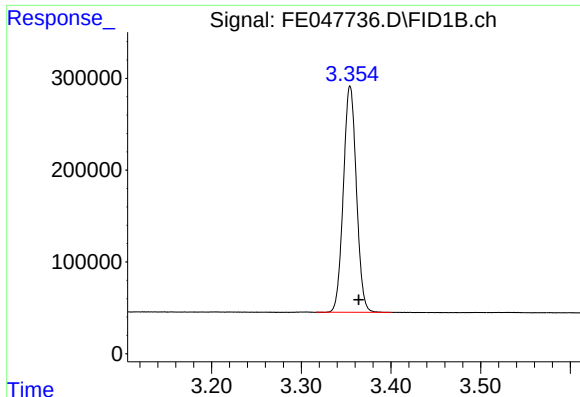
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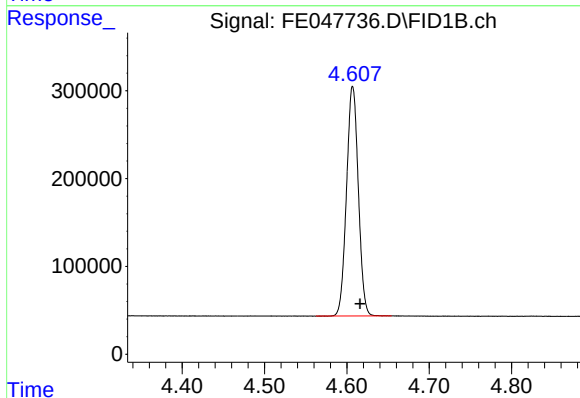




#1 n-Nonane (C9)

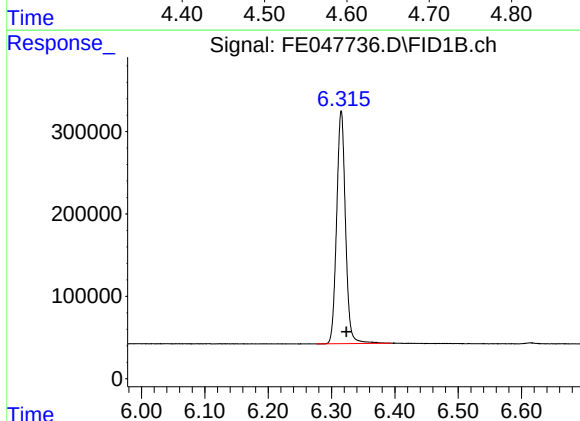
R.T.: 3.354 min
Delta R.T.: -0.010 min
Response: 2493945
Conc: 15.94 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



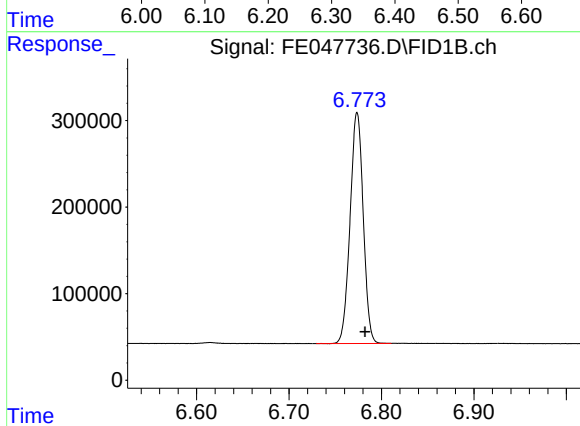
#2 n-Decane (C10)

R.T.: 4.607 min
Delta R.T.: -0.009 min
Response: 2605345
Conc: 16.21 ug/ml



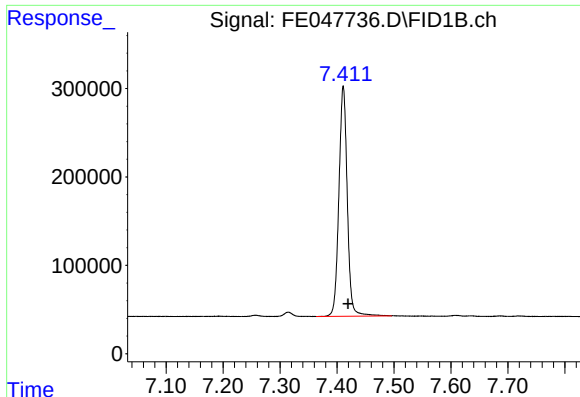
#3 A~Naphthalene (C11.7)

R.T.: 6.315 min
Delta R.T.: -0.008 min
Response: 2748806
Conc: 16.21 ug/ml



#4 n-Dodecane (C12)

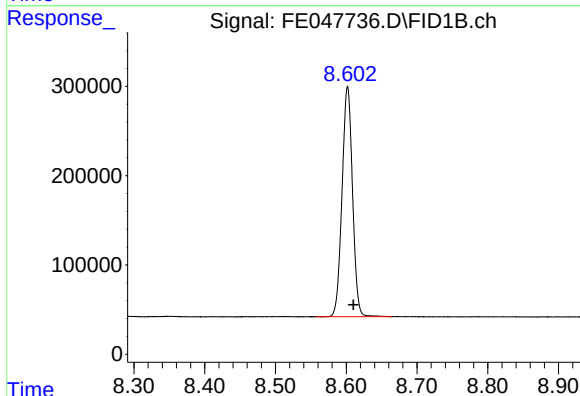
R.T.: 6.774 min
Delta R.T.: -0.008 min
Response: 2636231
Conc: 16.24 ug/ml



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

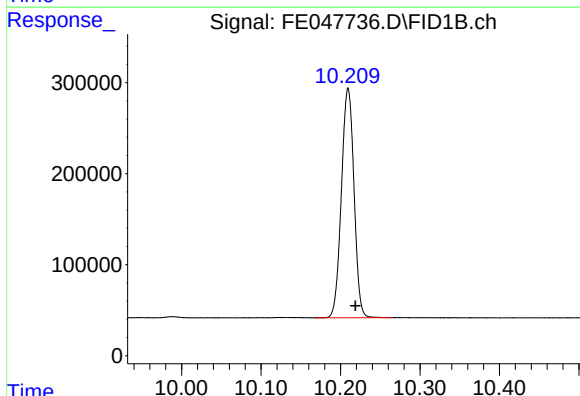
R.T.: 7.411 min
Delta R.T.: -0.009 min
Response: 2655485
Conc: 16.17 ug/ml

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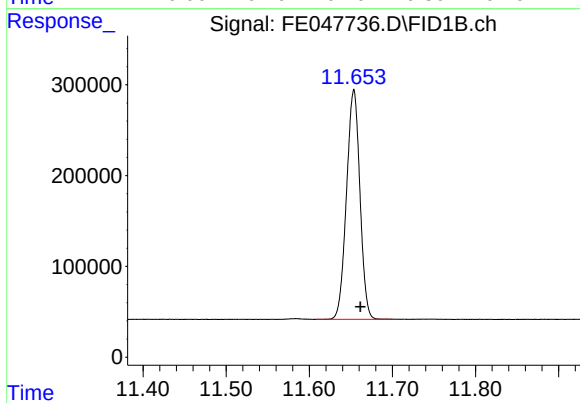
#6 n-Tetradecane (C14)

R.T.: 8.602 min
Delta R.T.: -0.008 min
Response: 2654074
Conc: 16.50 ug/ml



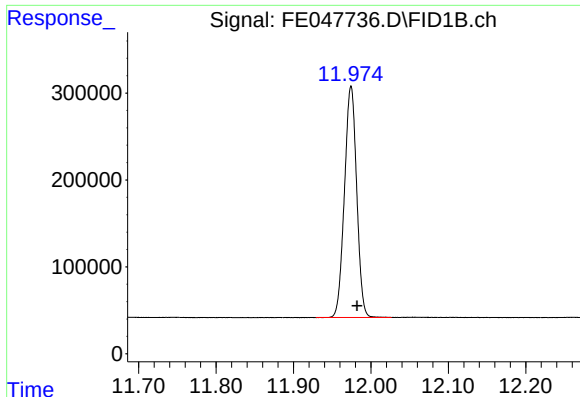
#7 n-Hexadecane (C16)

R.T.: 10.210 min
Delta R.T.: -0.009 min
Response: 2777165
Conc: 16.72 ug/ml



#8 n-Octadecane (C18)

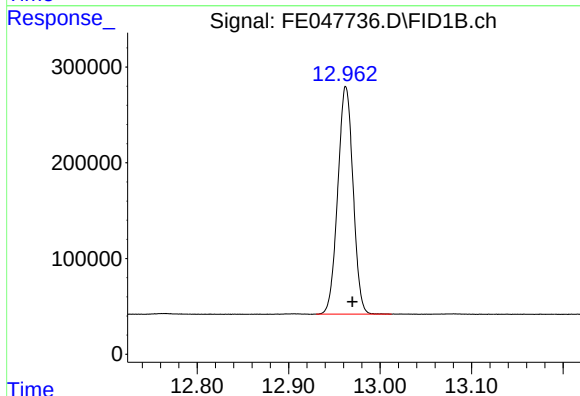
R.T.: 11.654 min
Delta R.T.: -0.008 min
Response: 2835155
Conc: 16.91 ug/ml



#9 ortho-Terphenyl (SURR)

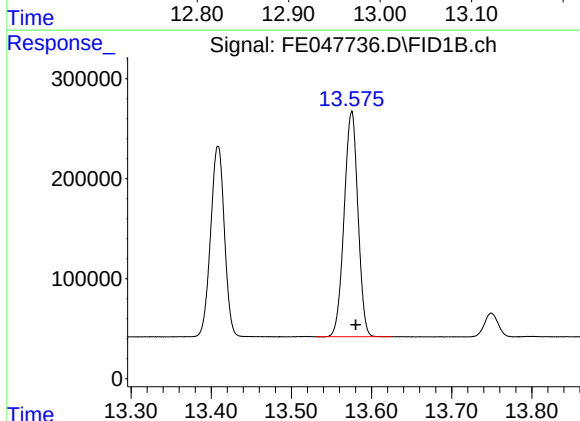
R.T.: 11.974 min
Delta R.T.: -0.008 min
Response: 2921218
Conc: 16.84 ug/ml

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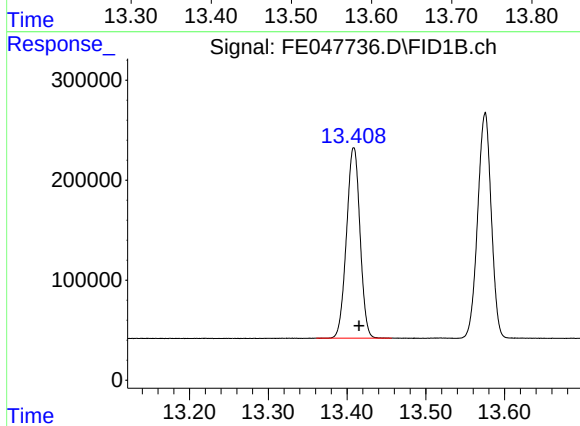
#10 n-Eicosane (C20)

R.T.: 12.963 min
Delta R.T.: -0.007 min
Response: 2758906
Conc: 17.03 ug/ml



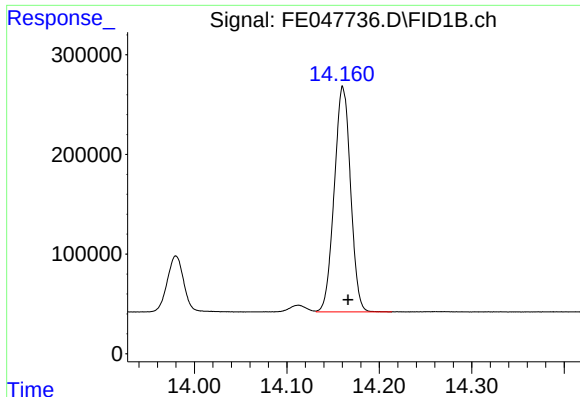
#11 n-Heneicosane (C21)

R.T.: 13.575 min
Delta R.T.: -0.005 min
Response: 2696207
Conc: 16.99 ug/ml



#12 1-chlorooctadecane (SURR)

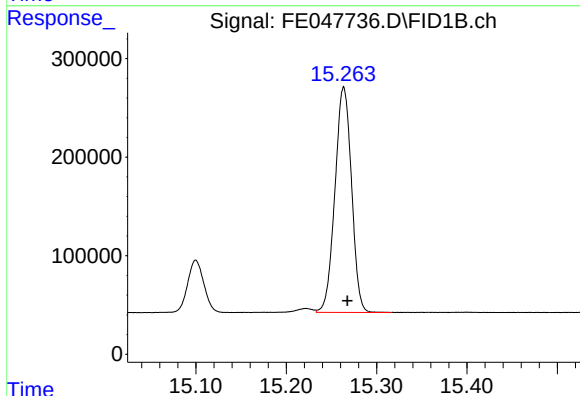
R.T.: 13.409 min
Delta R.T.: -0.007 min
Response: 2269074
Conc: 16.87 ug/ml



#13 n-Docosane (C22)

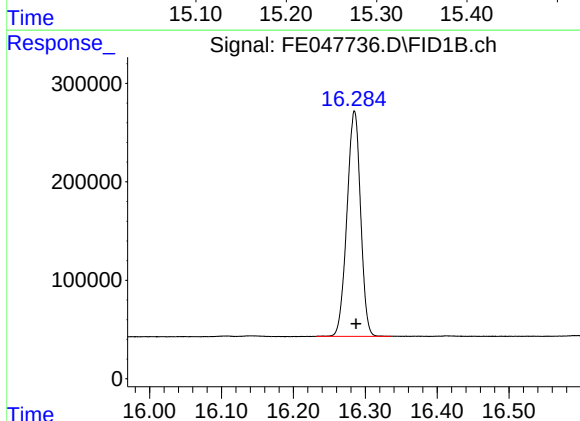
R.T.: 14.161 min
Delta R.T.: -0.006 min
Response: 2773110
Conc: 17.28 ug/ml

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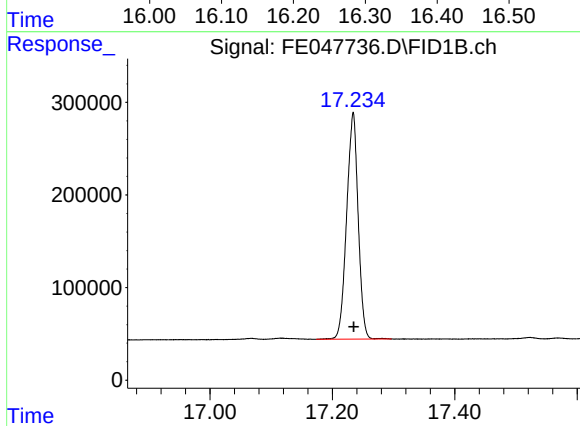
#14 n-Tetracosane (C24)

R.T.: 15.264 min
Delta R.T.: -0.004 min
Response: 2914575
Conc: 17.66 ug/ml



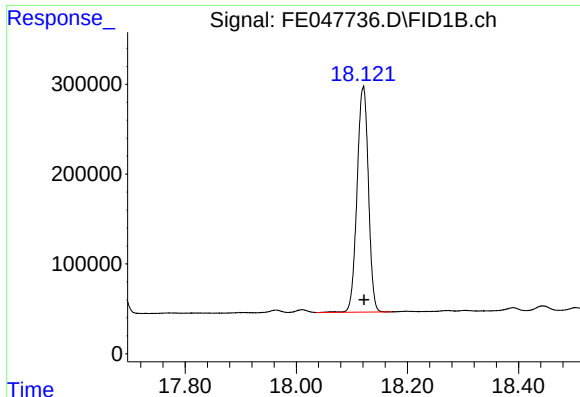
#15 n-Hexacosane (C26)

R.T.: 16.285 min
Delta R.T.: -0.002 min
Response: 3011915
Conc: 18.22 ug/ml



#16 n-Octacosane (C28)

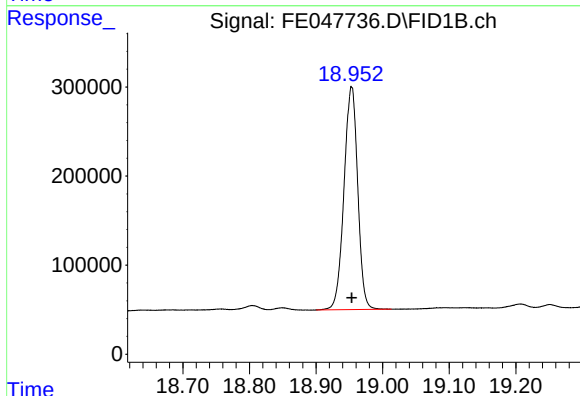
R.T.: 17.234 min
Delta R.T.: 0.000 min
Response: 3198084
Conc: 19.30 ug/ml



#17 n-Tricontane (C30)

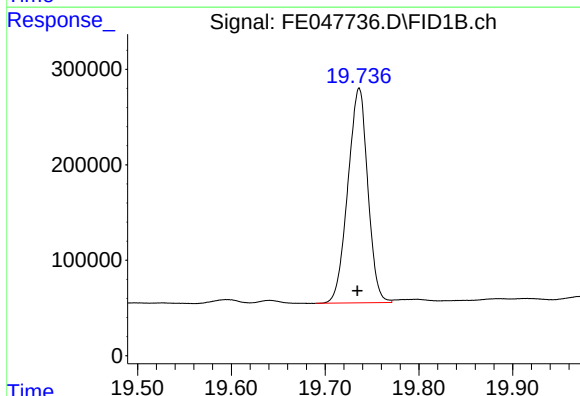
R.T.: 18.121 min
Delta R.T.: -0.002 min
Response: 3557776
Conc: 20.96 ug/ml

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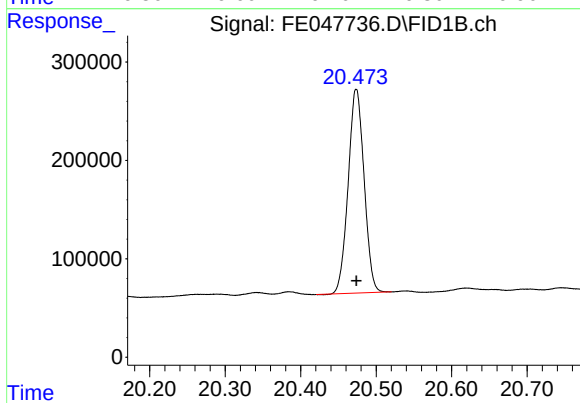
#18 n-Dotriacontane (C32)

R.T.: 18.954 min
Delta R.T.: 0.000 min
Response: 3590020
Conc: 21.53 ug/ml



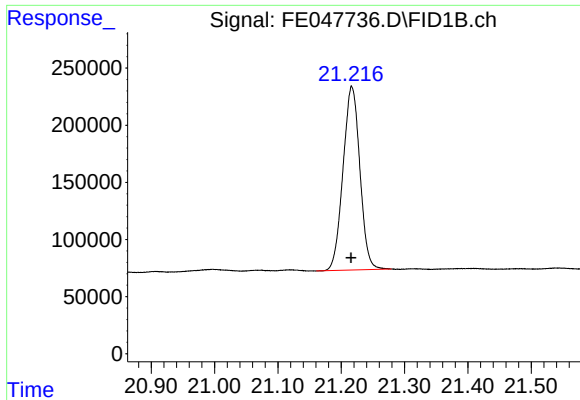
#19 n-Tetratriacontane (C34)

R.T.: 19.736 min
Delta R.T.: 0.002 min
Response: 3318858
Conc: 20.69 ug/ml



#20 n-Hexatriacontane (C36)

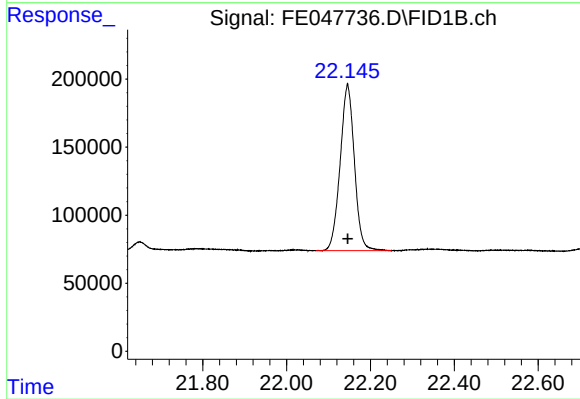
R.T.: 20.474 min
Delta R.T.: 0.000 min
Response: 3037667
Conc: 19.05 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.217 min
Delta R.T.: 0.000 min
Response: 2972892
Conc: 18.29 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.145 min
Delta R.T.: 0.000 min
Response: 2879988
Conc: 17.59 ug/ml