

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070324AL\
 Data File : FE048986.D
 Signal(s) : FID1B.ch
 Acq On : 03 Jul 2024 21:15
 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: Jul 04 01:19:57 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062124.M
 Quant Title : GC Extractables
 QLast Update : Thu Jun 20 17:53:58 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)	11.937	2792561	16.701 ug/ml
Spiked Amount 50.000		Recovery =	33.40%
12) S 1-chlorooctadecane (S...	13.372	2144116	16.674 ug/ml
Spiked Amount 50.000		Recovery =	33.35%
Target Compounds			
1) T n-Nonane (C9)	3.320	2572249	17.109 ug/ml
2) T n-Decane (C10)	4.570	2732091	17.753 ug/ml
3) T A~Naphthalene (C11.7)	6.279	2800720	17.642 ug/ml
4) T n-Dodecane (C12)	6.737	2722513	17.636 ug/ml
5) T A~2-methylnaphthalene...	7.376	2669849	17.630 ug/ml
6) T n-Tetradecane (C14)	8.566	2677381	17.469 ug/ml
7) T n-Hexadecane (C16)	10.173	2742848	17.542 ug/ml
8) T n-Octadecane (C18)	11.616	2753790	17.267 ug/ml
10) T n-Eicosane (C20)	12.926	2628436	16.954 ug/ml
11) T n-Heneicosane (C21)	13.539	2585039	16.977 ug/ml
13) T n-Docosane (C22)	14.124	2572924	17.013 ug/ml
14) T n-Tetracosane (C24)	15.228	2599036	17.295 ug/ml
15) T n-Hexacosane (C26)	16.247	2606225	17.654 ug/ml
16) T n-Octacosane (C28)	17.197	2721880	18.874 ug/ml
17) T n-Tricontane (C30)	18.085	3088498	21.111 ug/ml
18) T n-Dotriacontane (C32)	18.917	3219408	22.517 ug/mlm
19) T n-Tetratriacontane (C34)	19.701	3118655	22.538 ug/ml
20) T n-Hexatriacontane (C36)	20.440	2948747	22.688 ug/ml
21) T n-Octatriacontane (C38)	21.178	2762748	21.551 ug/ml
22) T n-Tetracontane (C40)	22.096	2794969	22.824 ug/ml

(f)=RT Delta > 1/2 Window

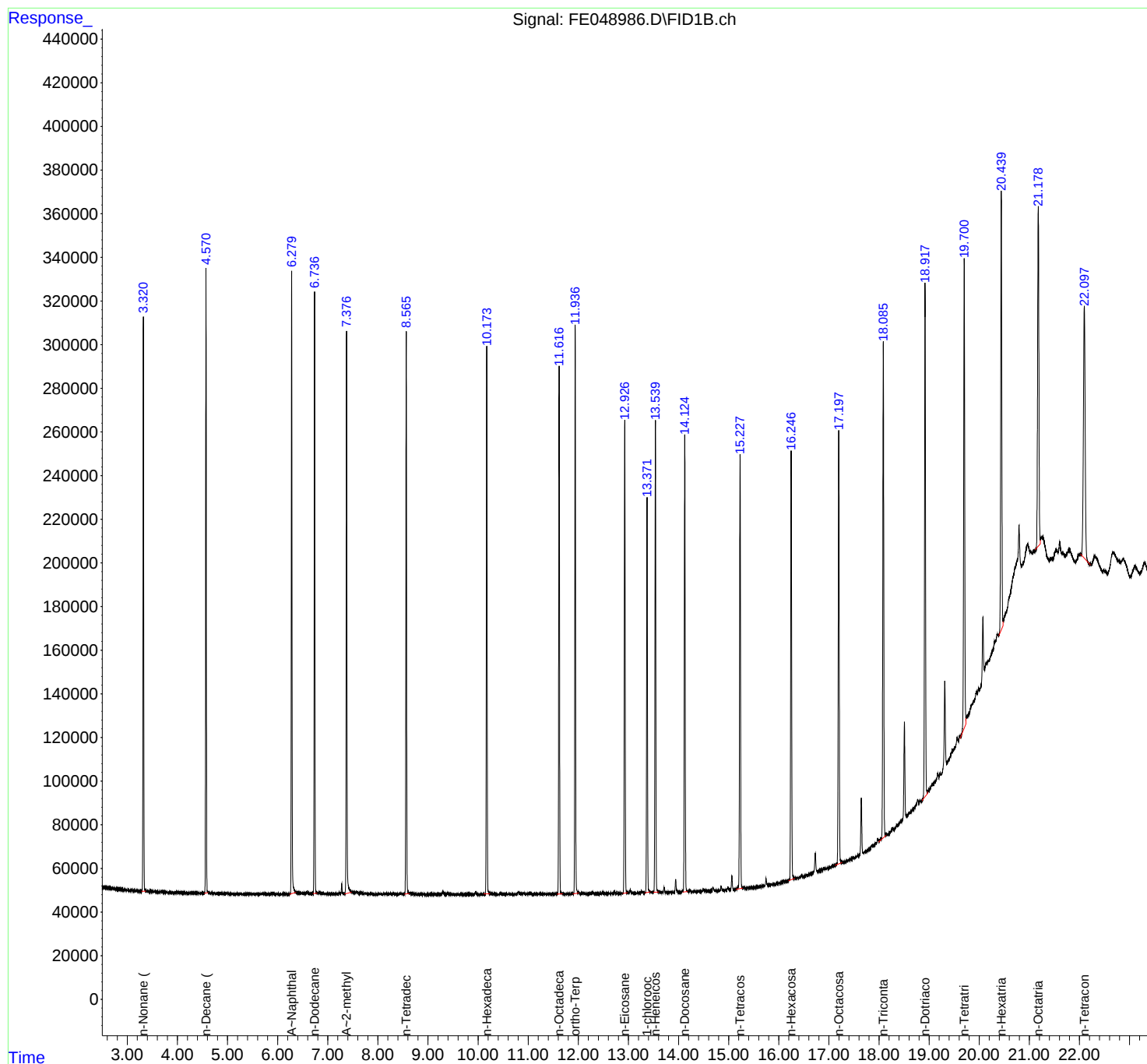
(m)=manual int.

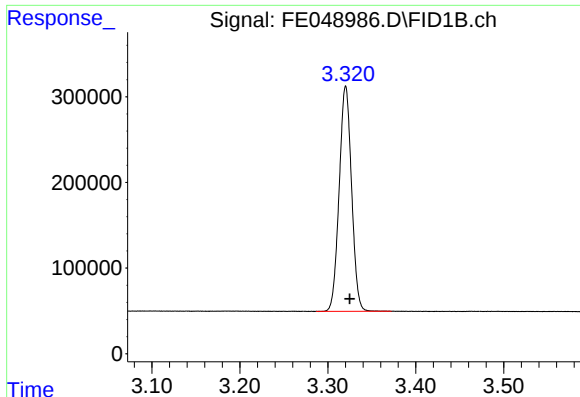
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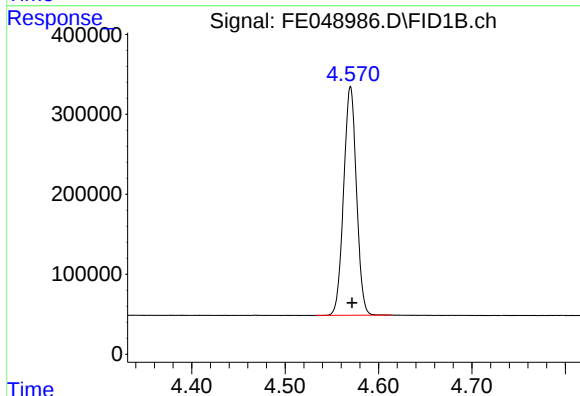




#1 n-Nonane (C9)

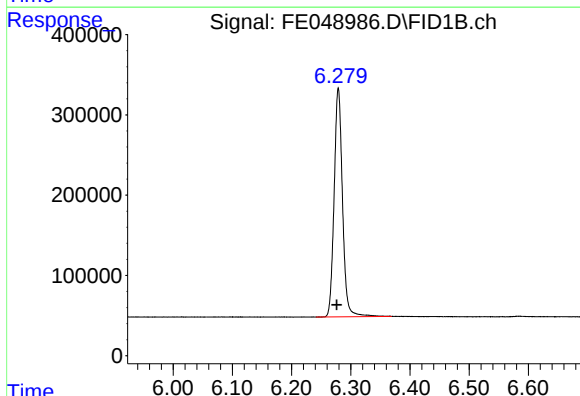
R.T.: 3.320 min
Delta R.T.: -0.005 min
Response: 2572249
Conc: 17.11 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



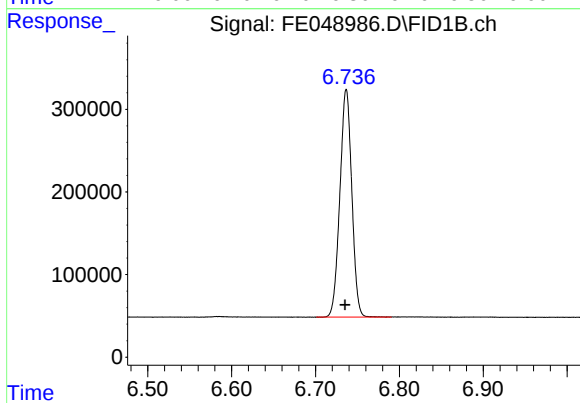
#2 n-Decane (C10)

R.T.: 4.570 min
Delta R.T.: -0.001 min
Response: 2732091
Conc: 17.75 ug/ml



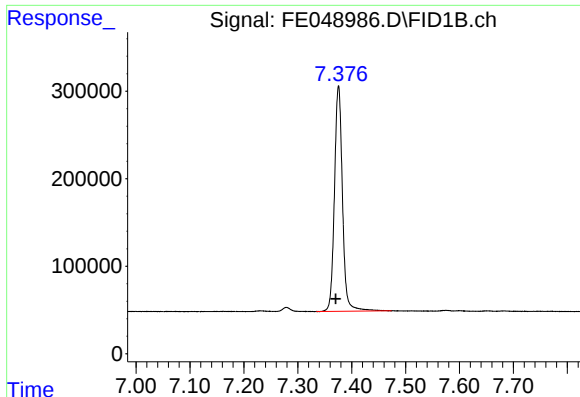
#3 A~Naphthalene (C11.7)

R.T.: 6.279 min
Delta R.T.: 0.003 min
Response: 2800720
Conc: 17.64 ug/ml



#4 n-Dodecane (C12)

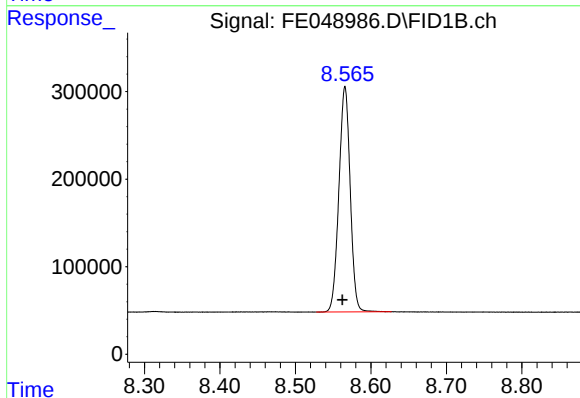
R.T.: 6.737 min
Delta R.T.: 0.002 min
Response: 2722513
Conc: 17.64 ug/ml



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

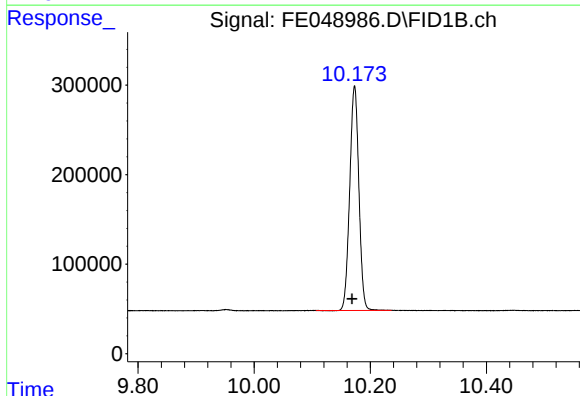
R.T.: 7.376 min
Delta R.T.: 0.005 min
Response: 2669849
Conc: 17.63 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



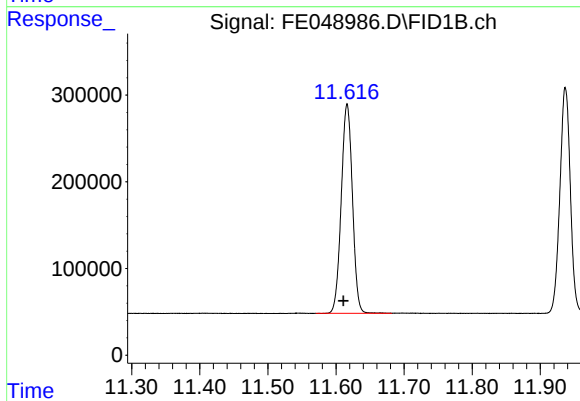
#6 n-Tetradecane (C14)

R.T.: 8.566 min
Delta R.T.: 0.003 min
Response: 2677381
Conc: 17.47 ug/ml



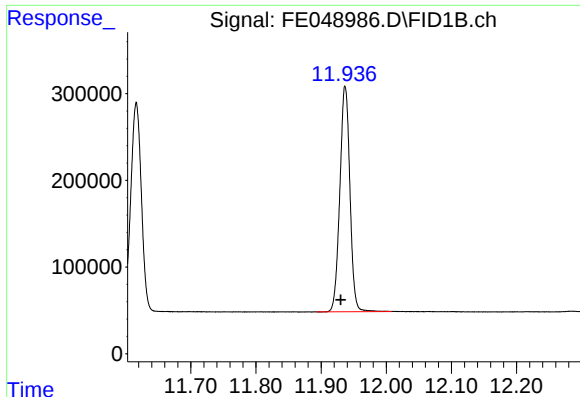
#7 n-Hexadecane (C16)

R.T.: 10.173 min
Delta R.T.: 0.004 min
Response: 2742848
Conc: 17.54 ug/ml



#8 n-Octadecane (C18)

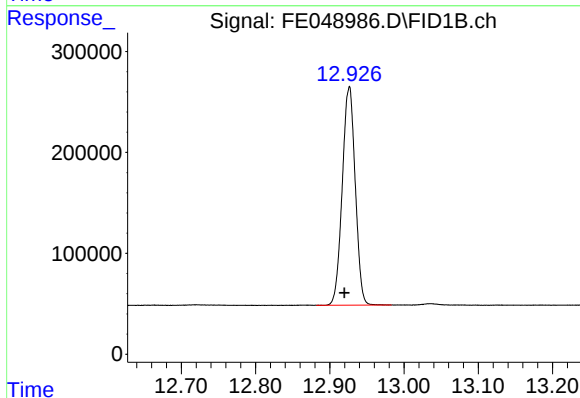
R.T.: 11.616 min
Delta R.T.: 0.005 min
Response: 2753790
Conc: 17.27 ug/ml



#9 ortho-Terphenyl (SURR)

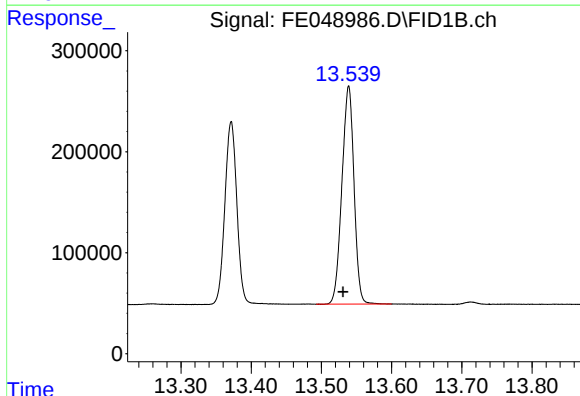
R.T.: 11.937 min
Delta R.T.: 0.007 min
Response: 2792561
Conc: 16.70 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



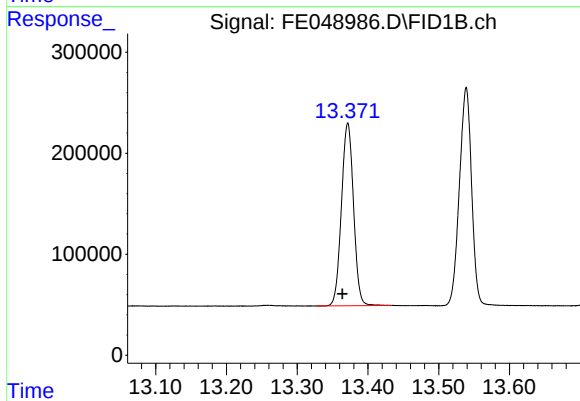
#10 n-Eicosane (C20)

R.T.: 12.926 min
Delta R.T.: 0.007 min
Response: 2628436
Conc: 16.95 ug/ml



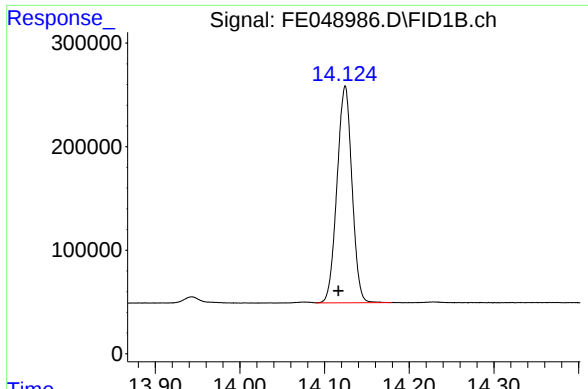
#11 n-Heneicosane (C21)

R.T.: 13.539 min
Delta R.T.: 0.008 min
Response: 2585039
Conc: 16.98 ug/ml



#12 1-chlorooctadecane (SURR)

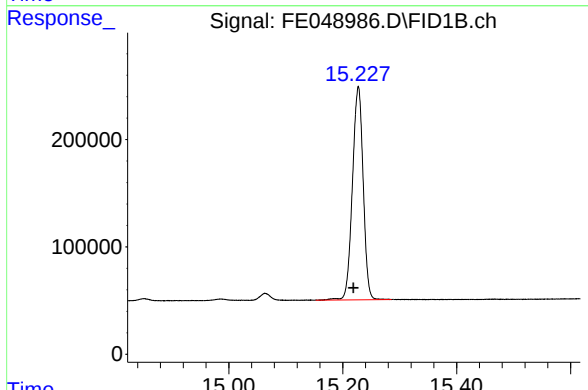
R.T.: 13.372 min
Delta R.T.: 0.008 min
Response: 2144116
Conc: 16.67 ug/ml



#13 n-Docosane (C22)

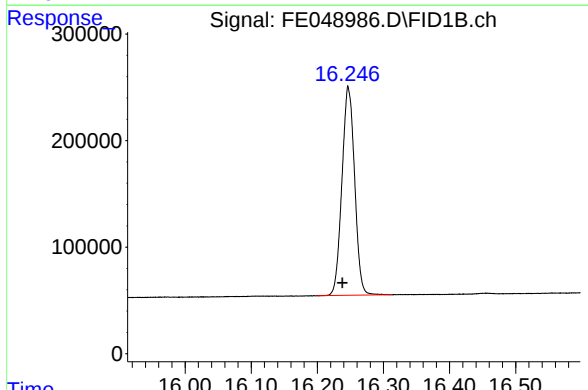
R.T.: 14.124 min
Delta R.T.: 0.008 min
Response: 2572924
Conc: 17.01 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



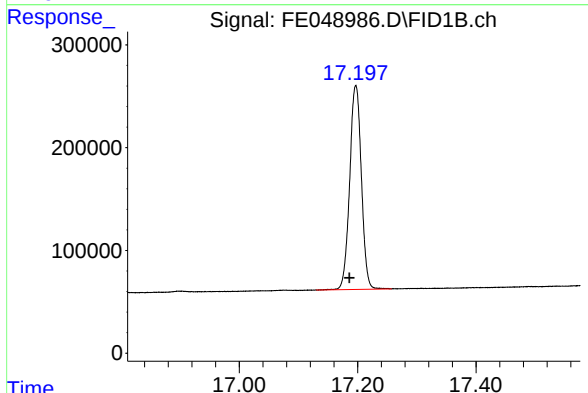
#14 n-Tetracosane (C24)

R.T.: 15.228 min
Delta R.T.: 0.009 min
Response: 2599036
Conc: 17.29 ug/ml



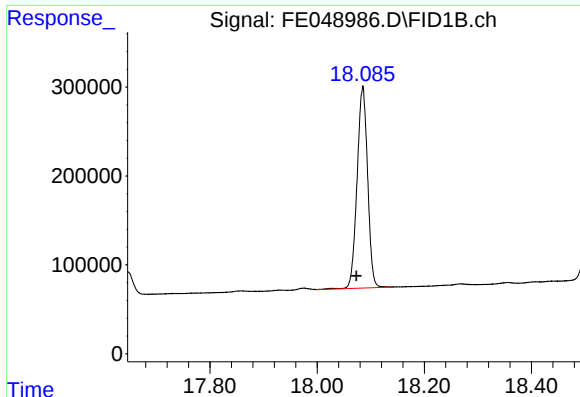
#15 n-Hexacosane (C26)

R.T.: 16.247 min
Delta R.T.: 0.009 min
Response: 2606225
Conc: 17.65 ug/ml



#16 n-Octacosane (C28)

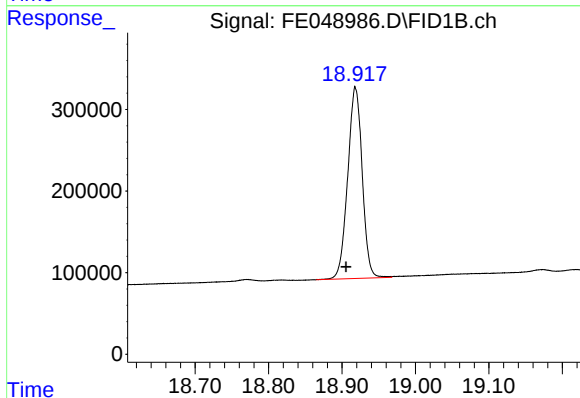
R.T.: 17.197 min
Delta R.T.: 0.011 min
Response: 2721880
Conc: 18.87 ug/ml



#17 n-Tricontane (C30)

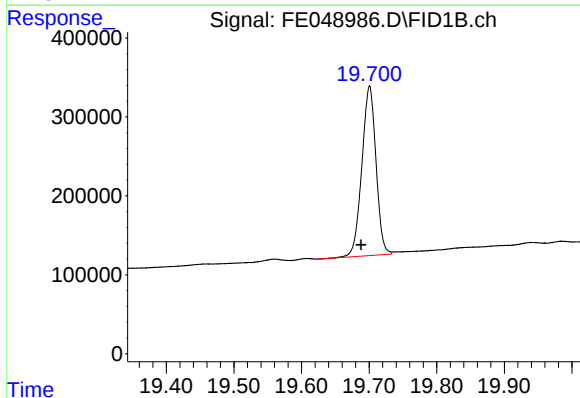
R.T.: 18.085 min
Delta R.T.: 0.012 min
Response: 3088498
Conc: 21.11 ug/ml

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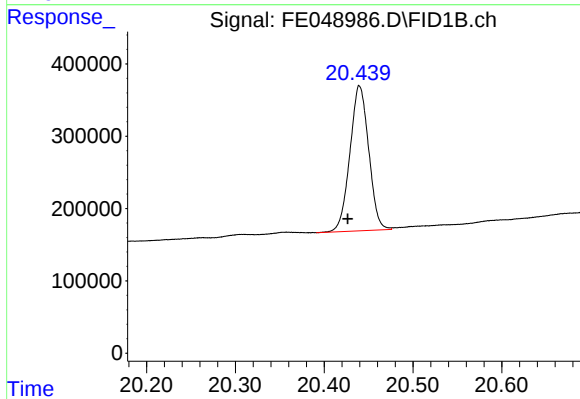
#18 n-Dotriacontane (C32)

R.T.: 18.917 min
Delta R.T.: 0.012 min
Response: 3219408
Conc: 22.52 ug/ml m



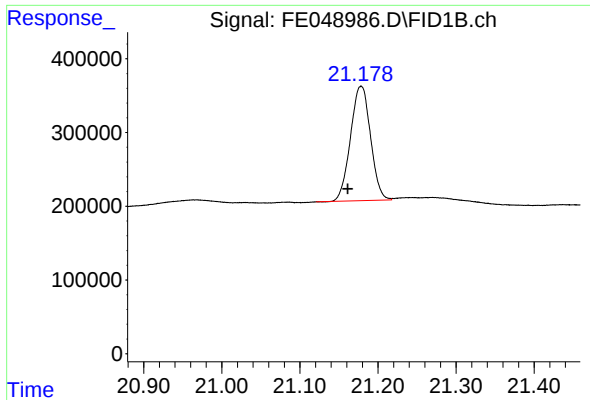
#19 n-Tetratriacontane (C34)

R.T.: 19.701 min
Delta R.T.: 0.013 min
Response: 3118655
Conc: 22.54 ug/ml



#20 n-Hexatriacontane (C36)

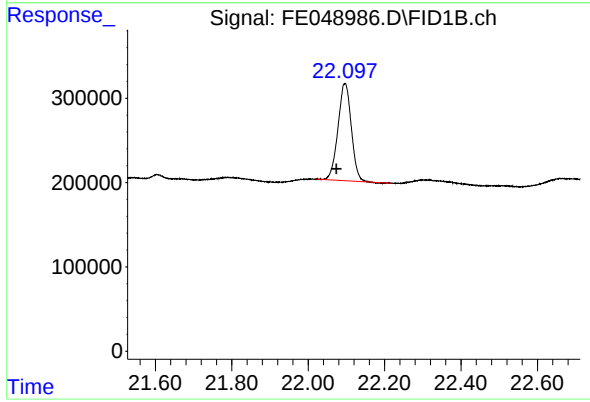
R.T.: 20.440 min
Delta R.T.: 0.013 min
Response: 2948747
Conc: 22.69 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.178 min
Delta R.T.: 0.017 min
Response: 2762748
Conc: 21.55 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.096 min
Delta R.T.: 0.022 min
Response: 2794969
Conc: 22.82 ug/ml