

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112923AL\
 Data File : FE045565.D
 Signal(s) : FID1B.ch
 Acq On : 29 Nov 2023 04:41
 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: Nov 29 23:46:19 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 110423.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 04 05:16:05 2023
 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)	11.867	3907877	20.468 ug/ml
Spiked Amount 50.000		Recovery =	40.94%
12) S 1-chlorooctadecane (S...	13.309	2774058	20.140 ug/ml
Spiked Amount 50.000		Recovery =	40.28%
Target Compounds			
1) T n-Nonane (C9)	3.254	3382948	20.478 ug/ml
2) T n-Decane (C10)	4.504	3475278	20.726 ug/ml
3) T A~Naphthalene (C11.7)	6.204	3639209	20.388 ug/ml
4) T n-Dodecane (C12)	6.671	3491202	20.672 ug/ml
5) T A~2-methylnaphthalene...	7.300	3477654	20.252 ug/ml
6) T n-Tetradecane (C14)	8.498	3426944	20.562 ug/ml
7) T n-Hexadecane (C16)	10.108	3438385	20.442 ug/ml
8) T n-Octadecane (C18)	11.554	3403362	20.334 ug/ml
10) T n-Eicosane (C20)	12.865	3226290	20.367 ug/ml
11) T n-Heneicosane (C21)	13.477	3128442	20.347 ug/ml
13) T n-Docosane (C22)	14.066	3096398	20.436 ug/ml
14) T n-Tetracosane (C24)	15.170	3086128	20.837 ug/ml
15) T n-Hexacosane (C26)	16.194	3050644	20.930 ug/ml
16) T n-Octacosane (C28)	17.145	3081547	21.088 ug/ml
17) T n-Tricontane (C30)	18.033	3175413	20.905 ug/ml
18) T n-Dotriacontane (C32)	18.868	3237431	20.723 ug/ml
19) T n-Tetratriacontane (C34)	19.656	3152451	20.190 ug/ml
20) T n-Hexatriacontane (C36)	20.397	3215051	19.807 ug/ml
21) T n-Octatriacontane (C38)	21.130	3415229	20.556 ug/ml
22) T n-Tetracontane (C40)	22.039	2948866	17.264 ug/ml

(f)=RT Delta > 1/2 Window

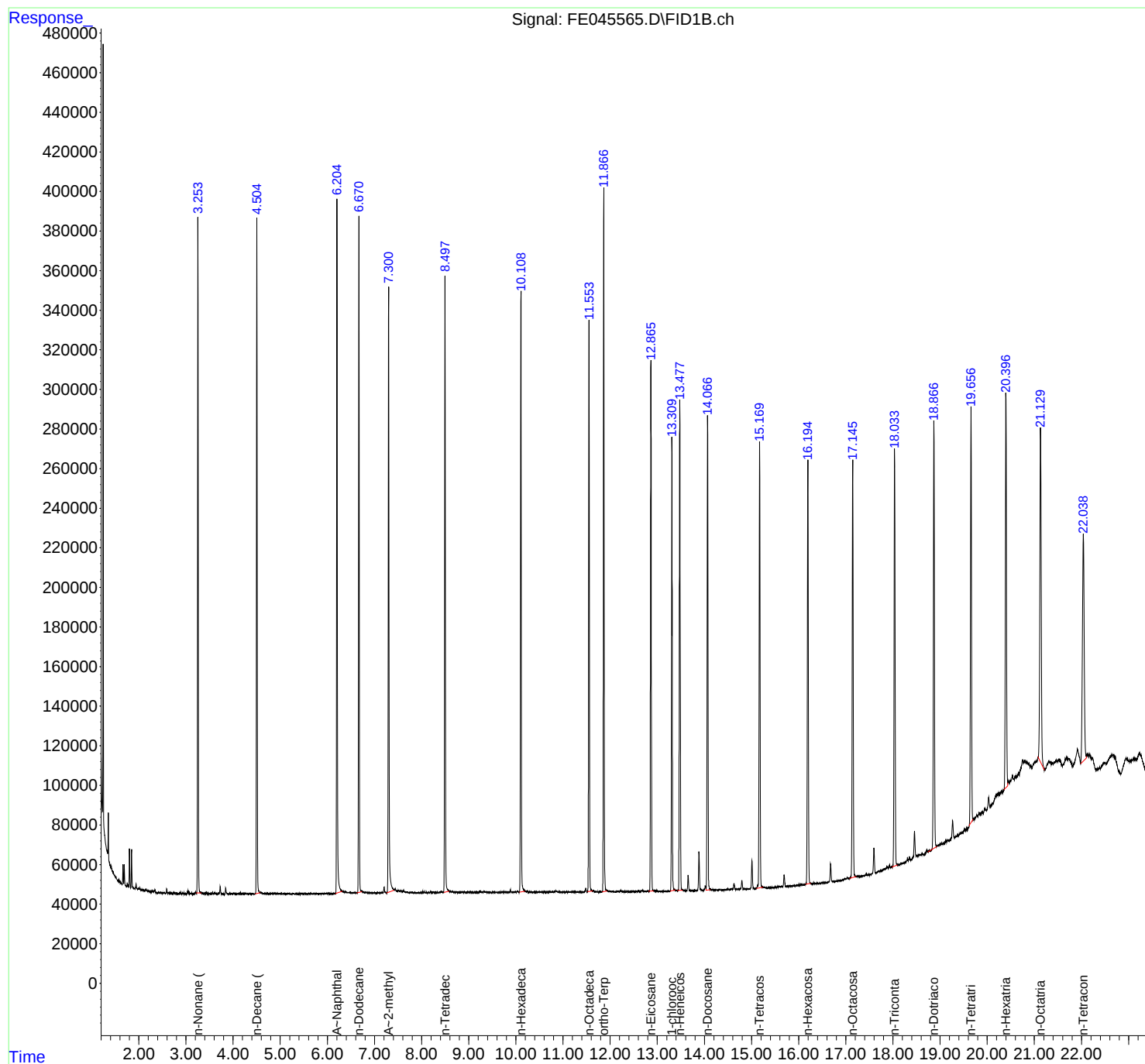
(m)=manual int.

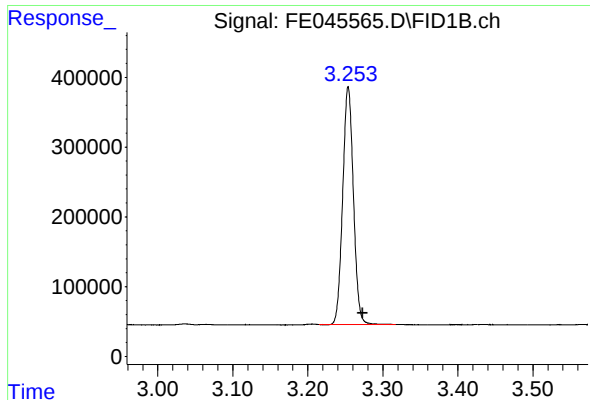
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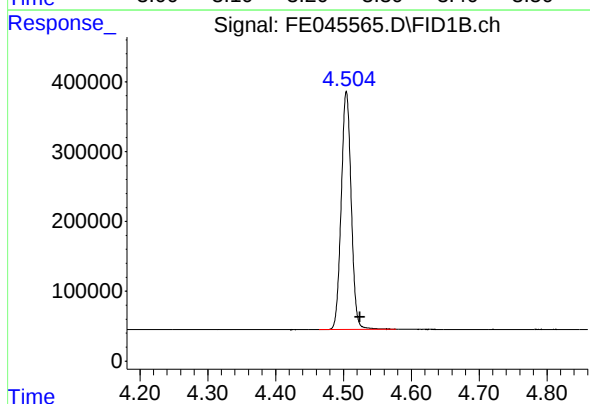




#1 n-Nonane (C9)

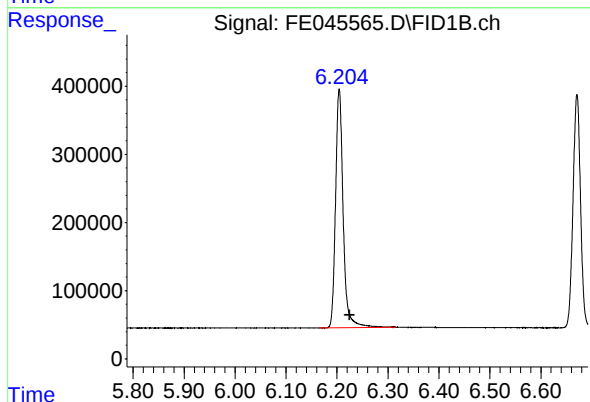
R.T.: 3.254 min
Delta R.T.: -0.019 min
Response: 3382948
Conc: 20.48 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



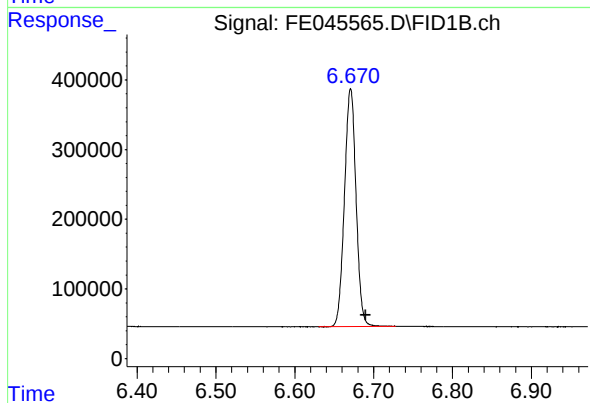
#2 n-Decane (C10)

R.T.: 4.504 min
Delta R.T.: -0.020 min
Response: 3475278
Conc: 20.73 ug/ml



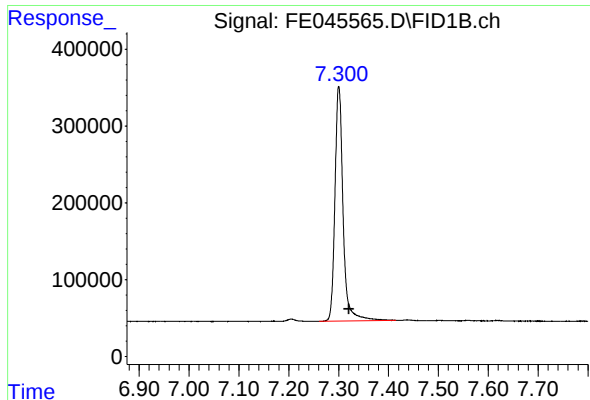
#3 A~Naphthalene (C11.7)

R.T.: 6.204 min
Delta R.T.: -0.020 min
Response: 3639209
Conc: 20.39 ug/ml



#4 n-Dodecane (C12)

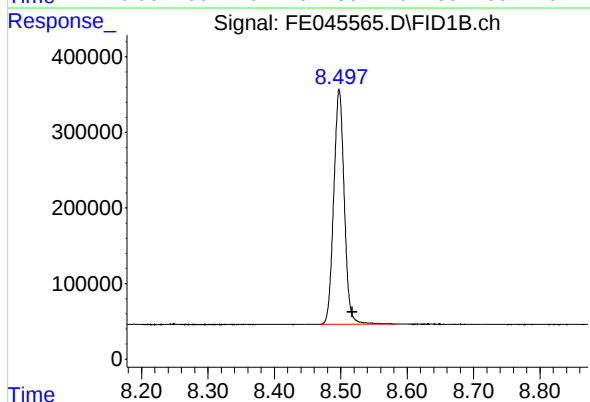
R.T.: 6.671 min
Delta R.T.: -0.019 min
Response: 3491202
Conc: 20.67 ug/ml



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

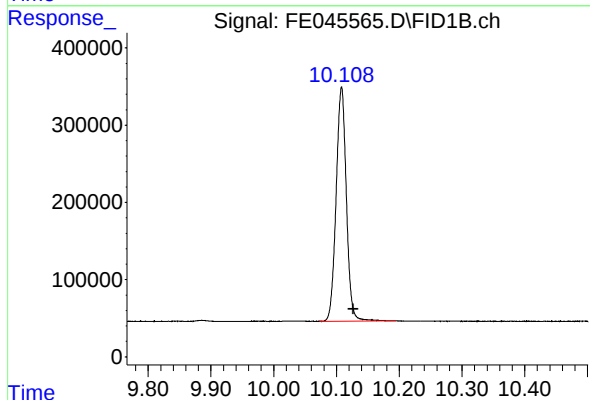
R.T.: 7.300 min
Delta R.T.: -0.020 min
Response: 3477654
Conc: 20.25 ug/ml

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20 PPM ALIPHATIC HC STD



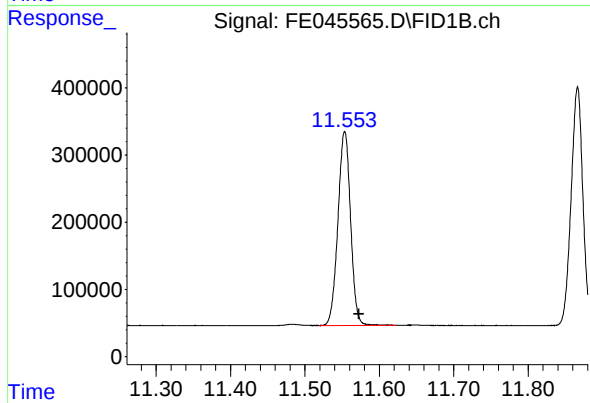
#6 n-Tetradecane (C14)

R.T.: 8.498 min
Delta R.T.: -0.020 min
Response: 3426944
Conc: 20.56 ug/ml



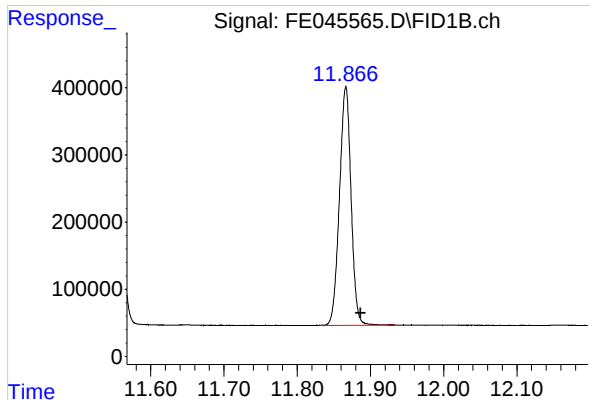
#7 n-Hexadecane (C16)

R.T.: 10.108 min
Delta R.T.: -0.019 min
Response: 3438385
Conc: 20.44 ug/ml



#8 n-Octadecane (C18)

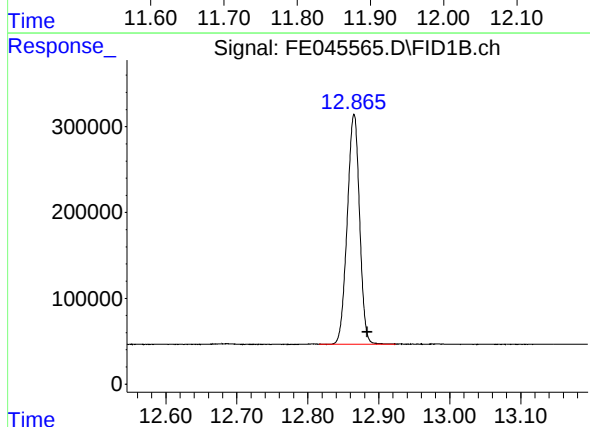
R.T.: 11.554 min
Delta R.T.: -0.019 min
Response: 3403362
Conc: 20.33 ug/ml



#9 ortho-Terphenyl (SURR)

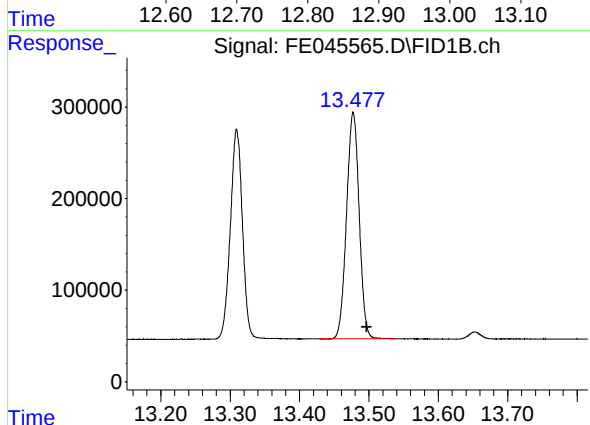
R.T.: 11.867 min
Delta R.T.: -0.020 min
Response: 3907877
Conc: 20.47 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



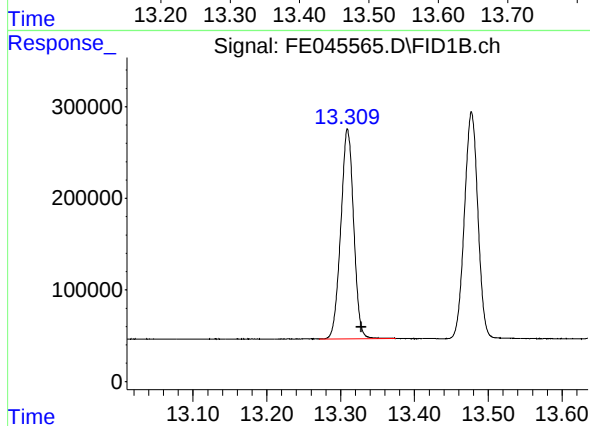
#10 n-Eicosane (C20)

R.T.: 12.865 min
Delta R.T.: -0.019 min
Response: 3226290
Conc: 20.37 ug/ml



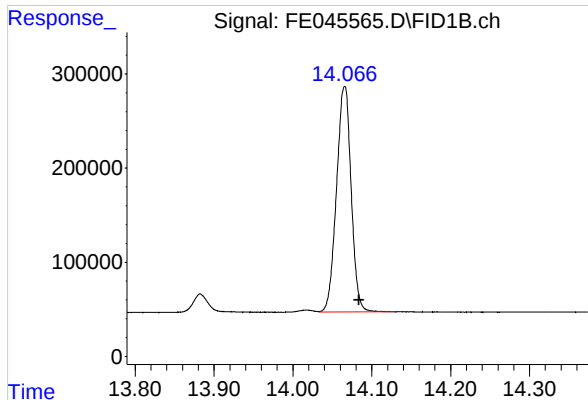
#11 n-Heneicosane (C21)

R.T.: 13.477 min
Delta R.T.: -0.019 min
Response: 3128442
Conc: 20.35 ug/ml



#12 1-chlorooctadecane (SURR)

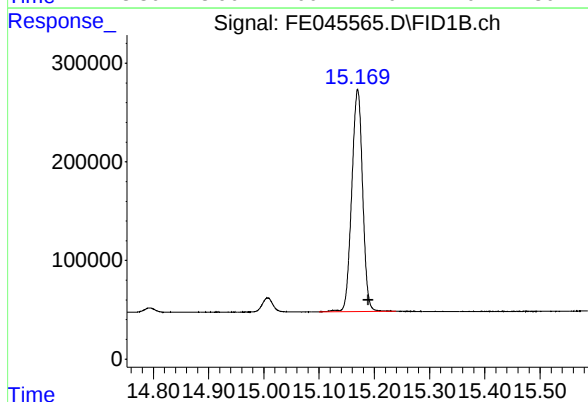
R.T.: 13.309 min
Delta R.T.: -0.019 min
Response: 2774058
Conc: 20.14 ug/ml



#13 n-Docosane (C22)

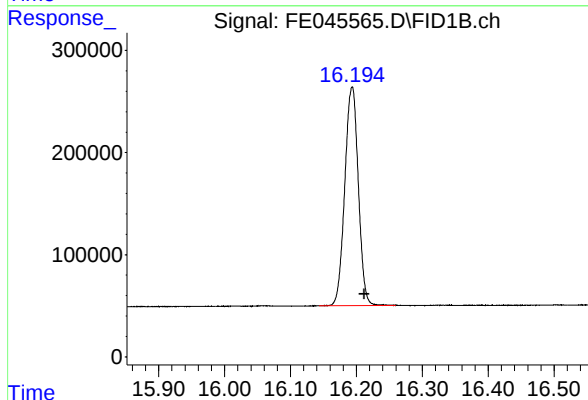
R.T.: 14.066 min
Delta R.T.: -0.018 min
Response: 3096398
Conc: 20.44 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



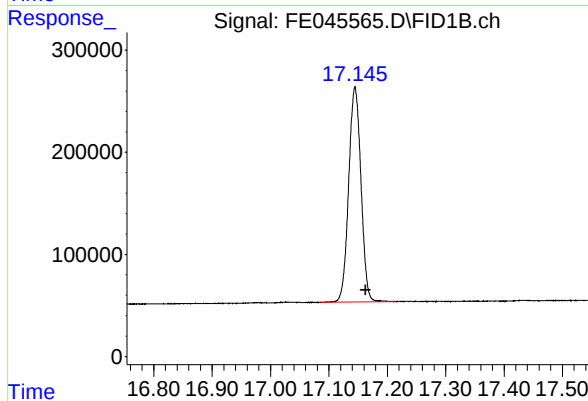
#14 n-Tetracosane (C24)

R.T.: 15.170 min
Delta R.T.: -0.019 min
Response: 3086128
Conc: 20.84 ug/ml



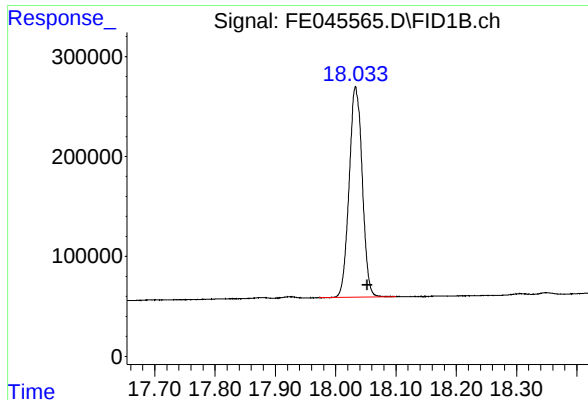
#15 n-Hexacosane (C26)

R.T.: 16.194 min
Delta R.T.: -0.018 min
Response: 3050644
Conc: 20.93 ug/ml



#16 n-Octacosane (C28)

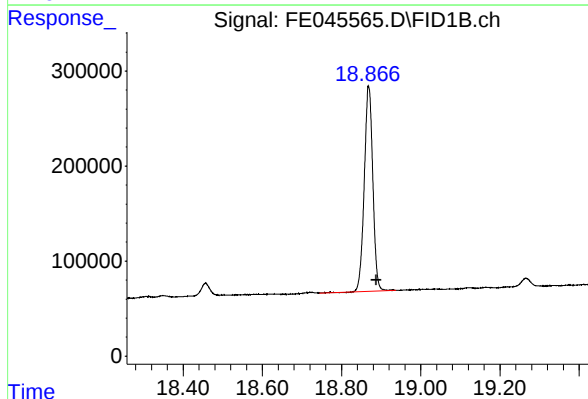
R.T.: 17.145 min
Delta R.T.: -0.019 min
Response: 3081547
Conc: 21.09 ug/ml



#17 n-Tricontane (C30)

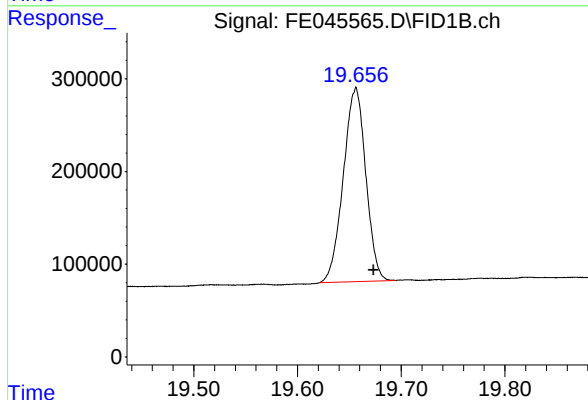
R.T.: 18.033 min
Delta R.T.: -0.020 min
Response: 3175413
Conc: 20.90 ug/ml

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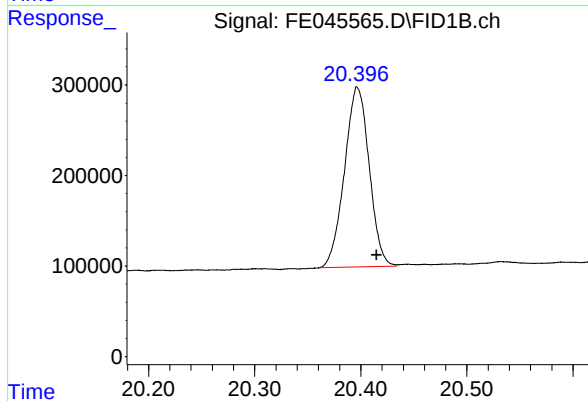
#18 n-Dotriacontane (C32)

R.T.: 18.868 min
Delta R.T.: -0.019 min
Response: 3237431
Conc: 20.72 ug/ml



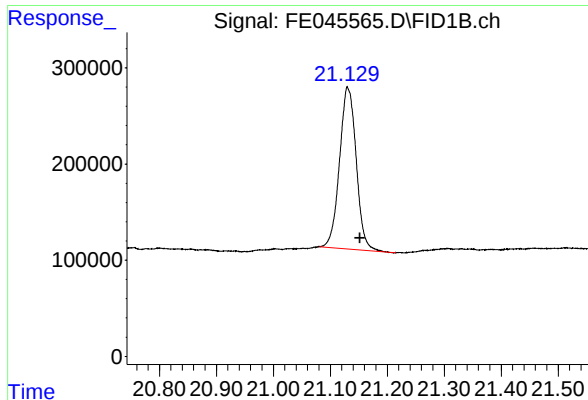
#19 n-Tetratriacontane (C34)

R.T.: 19.656 min
Delta R.T.: -0.017 min
Response: 3152451
Conc: 20.19 ug/ml



#20 n-Hexatriacontane (C36)

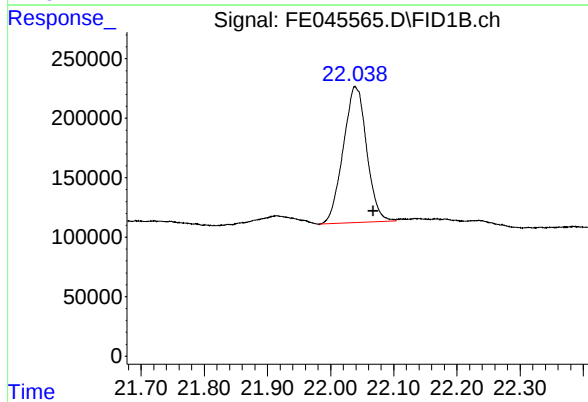
R.T.: 20.397 min
Delta R.T.: -0.018 min
Response: 3215051
Conc: 19.81 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.130 min
Delta R.T.: -0.022 min
Response: 3415229
Conc: 20.56 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.039 min
Delta R.T.: -0.029 min
Response: 2948866
Conc: 17.26 ug/ml