

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101822AL\
 Data File : FE038208.D
 Signal(s) : FID1B.ch
 Acq On : 18 Oct 2022 09:45
 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: sample.E
 Quant Time: Oct 19 06:04:30 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 092822.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 28 06:23:29 2022
 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)	11.600	3300735	19.083 ug/ml
Spiked Amount 50.000		Recovery =	38.17%
12) S 1-chlorooctadecane (S...	13.023	2556783	18.916 ug/ml
Spiked Amount 50.000		Recovery =	37.83%
Target Compounds			
1) T n-Nonane (C9)	2.991	2967094	20.146 ug/ml
2) T n-Decane (C10)	4.249	3143734	21.263 ug/ml
3) T A~Naphthalene (C11.7)	5.971	2925408	21.363 ug/ml
4) T n-Dodecane (C12)	6.423	3247235	21.310 ug/ml
5) T A~2-methylnaphthalene...	7.065	2831231	21.302 ug/ml
6) T n-Tetradecane (C14)	8.242	3237209	21.151 ug/ml
7) T n-Hexadecane (C16)	9.842	3244167	20.770 ug/ml
8) T n-Octadecane (C18)	11.277	3234586	20.166 ug/ml
10) T n-Eicosane (C20)	12.579	3175824	19.475 ug/ml
11) T n-Heneicosane (C21)	13.187	3124766	18.965 ug/ml
13) T n-Docosane (C22)	13.770	3168399	19.248 ug/ml
14) T n-Tetracosane (C24)	14.868	3093712	18.863 ug/ml
15) T n-Hexacosane (C26)	15.885	3037577	18.628 ug/ml
16) T n-Octacosane (C28)	16.830	3106084	19.389 ug/ml
17) T n-Tricontane (C30)	17.714	3328017	20.797 ug/ml
18) T n-Dotriacontane (C32)	18.541	3393987	21.553 ug/ml
19) T n-Tetratriacontane (C34)	19.323	3169139	21.390 ug/ml
20) T n-Hexatriacontane (C36)	20.060	3126684	21.688 ug/ml
21) T n-Octatriacontane (C38)	20.757	3238337	23.864 ug/ml
22) T n-Tetracontane (C40)	21.527	3135474	24.632 ug/ml

(f)=RT Delta > 1/2 Window

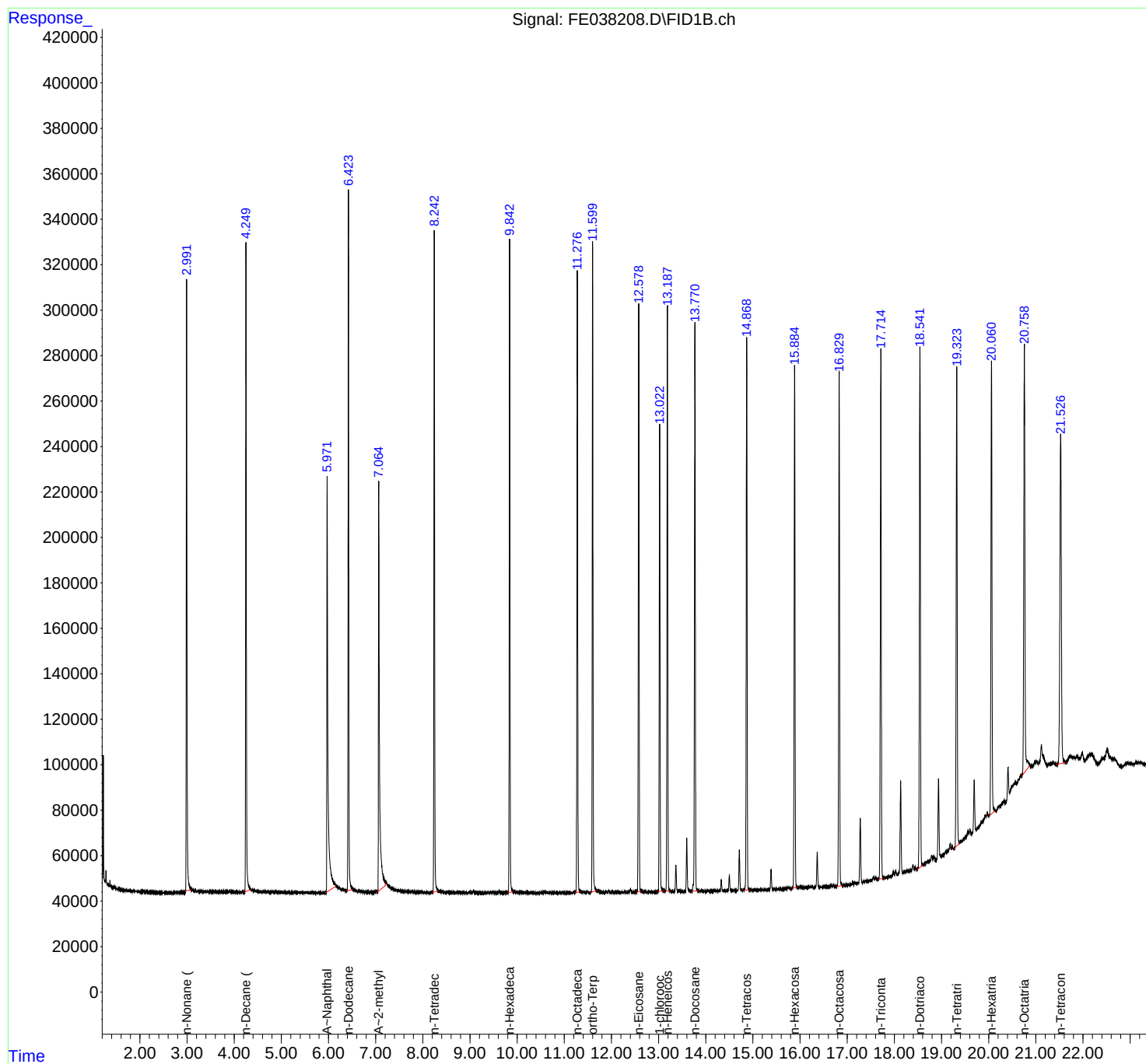
(m)=manual int.

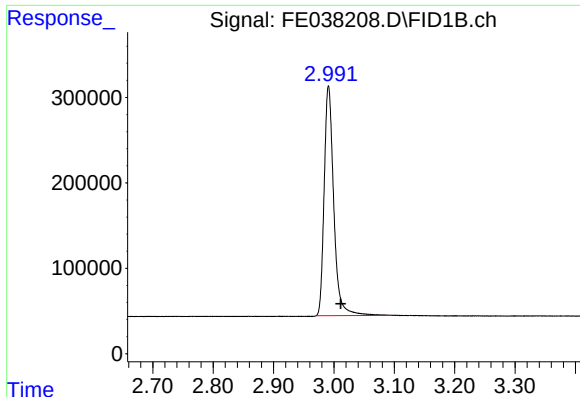
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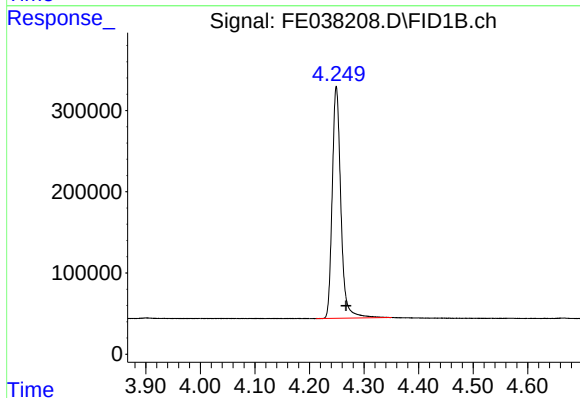




#1 n-Nonane (C9)

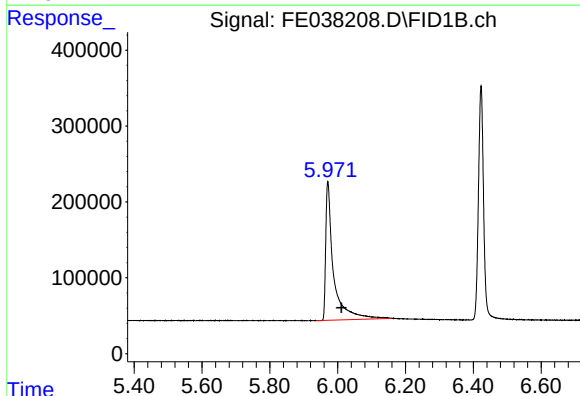
R.T.: 2.991 min
Delta R.T.: -0.020 min
Response: 2967094
Conc: 20.15 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



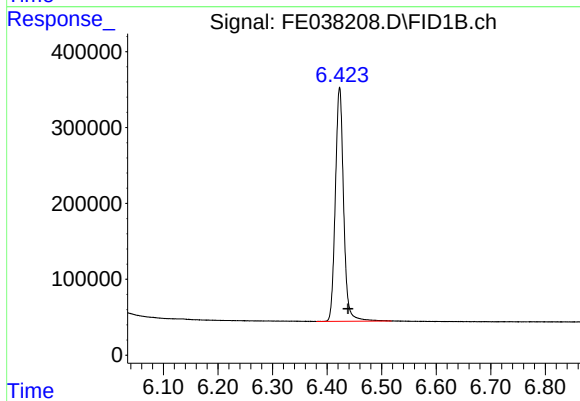
#2 n-Decane (C10)

R.T.: 4.249 min
Delta R.T.: -0.018 min
Response: 3143734
Conc: 21.26 ug/ml



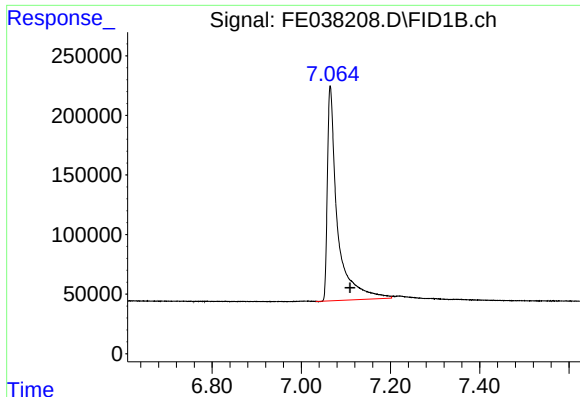
#3 A~Naphthalene (C11.7)

R.T.: 5.971 min
Delta R.T.: -0.040 min
Response: 2925408
Conc: 21.36 ug/ml



#4 n-Dodecane (C12)

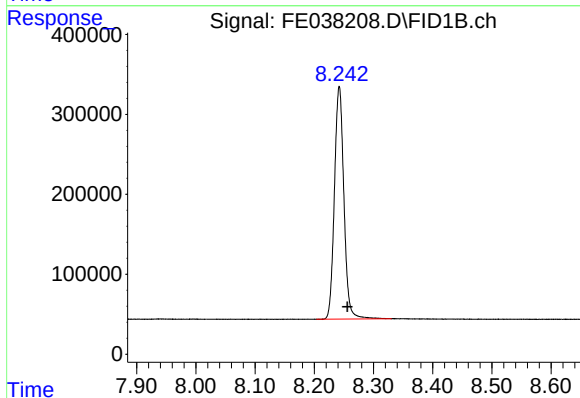
R.T.: 6.423 min
Delta R.T.: -0.015 min
Response: 3247235
Conc: 21.31 ug/ml



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

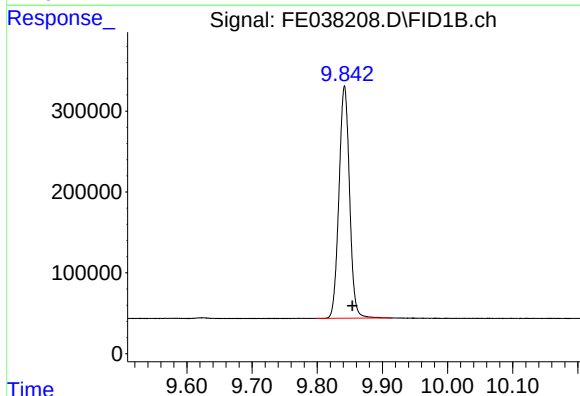
R.T.: 7.065 min
Delta R.T.: -0.045 min
Response: 2831231
Conc: 21.30 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



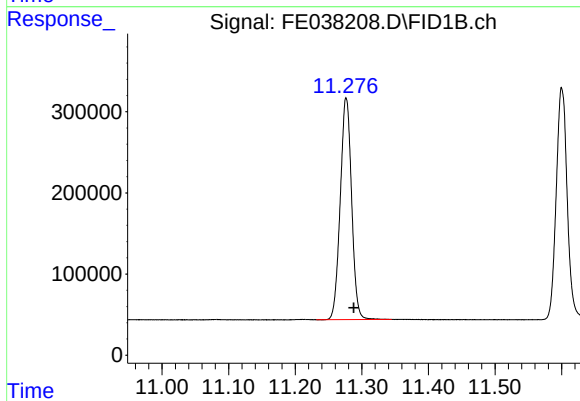
#6 n-Tetradecane (C14)

R.T.: 8.242 min
Delta R.T.: -0.014 min
Response: 3237209
Conc: 21.15 ug/ml



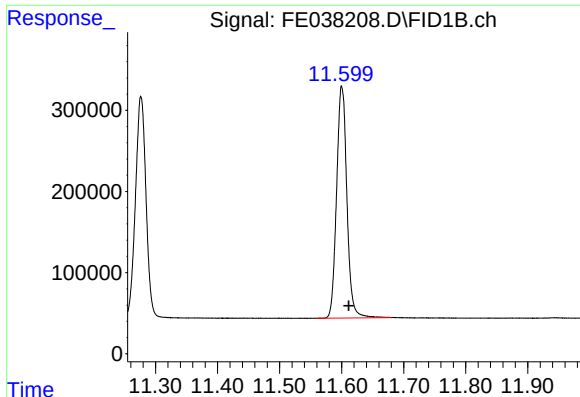
#7 n-Hexadecane (C16)

R.T.: 9.842 min
Delta R.T.: -0.012 min
Response: 3244167
Conc: 20.77 ug/ml



#8 n-Octadecane (C18)

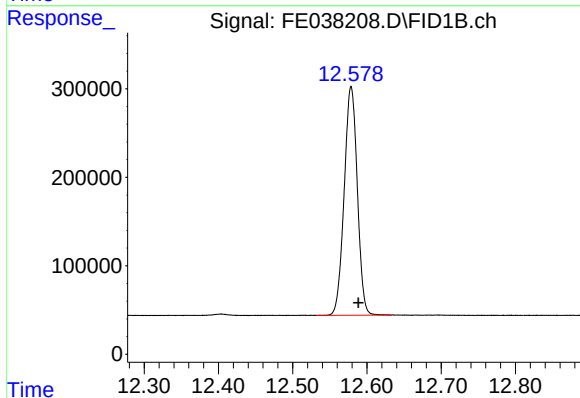
R.T.: 11.277 min
Delta R.T.: -0.011 min
Response: 3234586
Conc: 20.17 ug/ml



#9 ortho-Terphenyl (SURR)

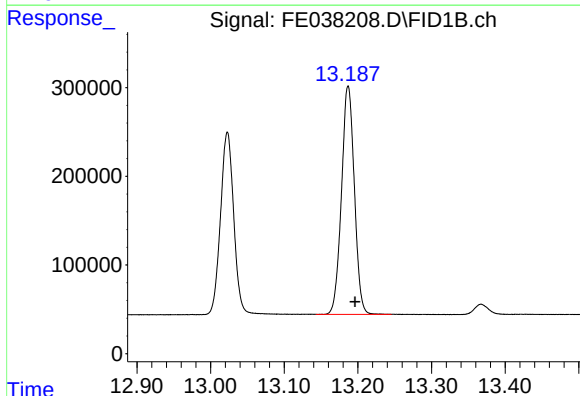
R.T.: 11.600 min
Delta R.T.: -0.011 min
Response: 3300735
Conc: 19.08 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



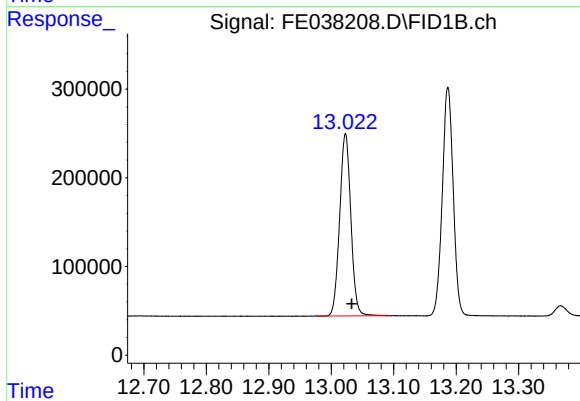
#10 n-Eicosane (C20)

R.T.: 12.579 min
Delta R.T.: -0.010 min
Response: 3175824
Conc: 19.48 ug/ml



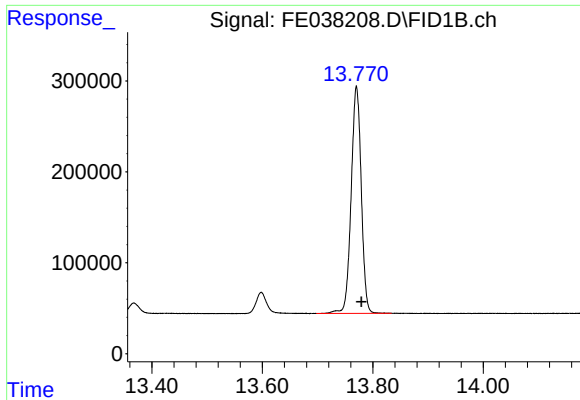
#11 n-Heneicosane (C21)

R.T.: 13.187 min
Delta R.T.: -0.009 min
Response: 3124766
Conc: 18.96 ug/ml



#12 1-chlorooctadecane (SURR)

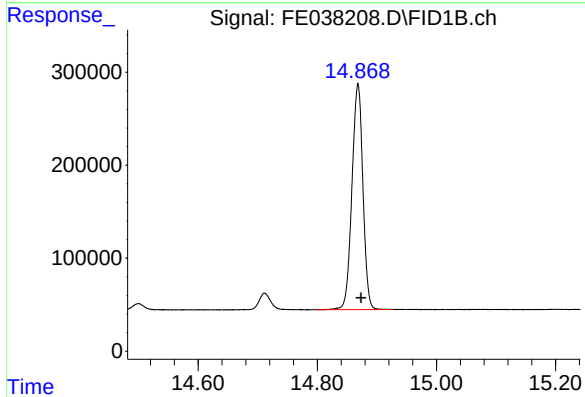
R.T.: 13.023 min
Delta R.T.: -0.010 min
Response: 2556783
Conc: 18.92 ug/ml



#13 n-Docosane (C22)

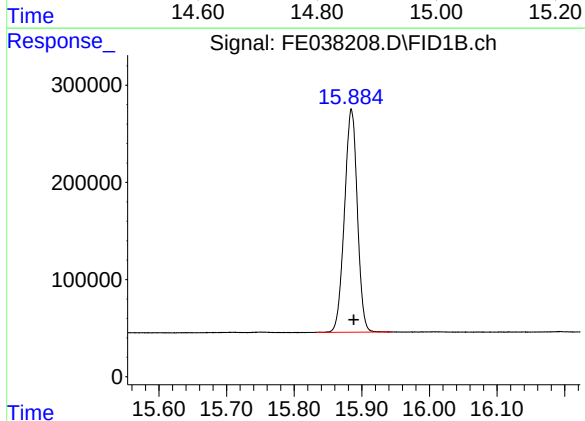
R.T.: 13.770 min
Delta R.T.: -0.009 min
Response: 3168399
Conc: 19.25 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



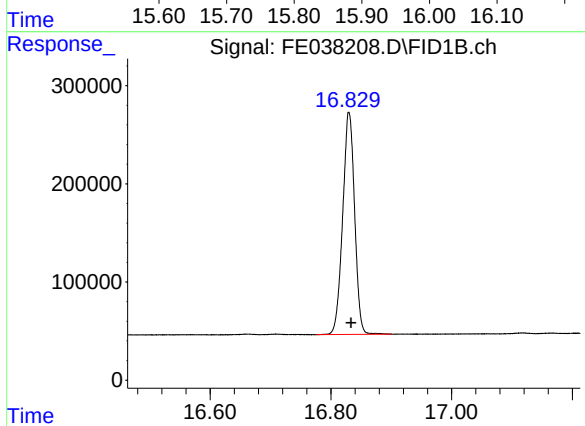
#14 n-Tetracosane (C24)

R.T.: 14.868 min
Delta R.T.: -0.006 min
Response: 3093712
Conc: 18.86 ug/ml



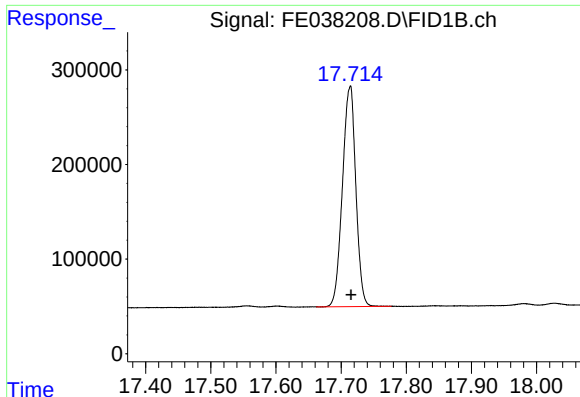
#15 n-Hexacosane (C26)

R.T.: 15.885 min
Delta R.T.: -0.003 min
Response: 3037577
Conc: 18.63 ug/ml



#16 n-Octacosane (C28)

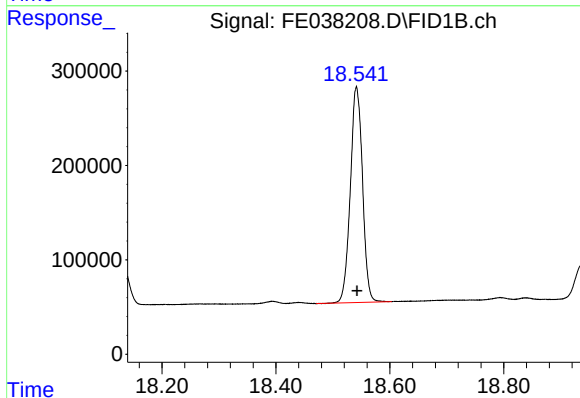
R.T.: 16.830 min
Delta R.T.: -0.004 min
Response: 3106084
Conc: 19.39 ug/ml



#17 n-Tricontane (C30)

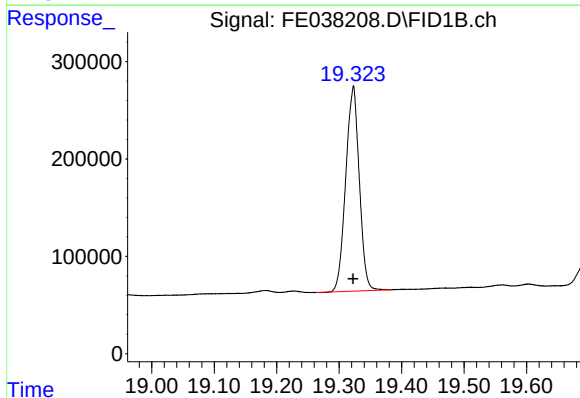
R.T.: 17.714 min
Delta R.T.: -0.001 min
Response: 3328017
Conc: 20.80 ug/ml

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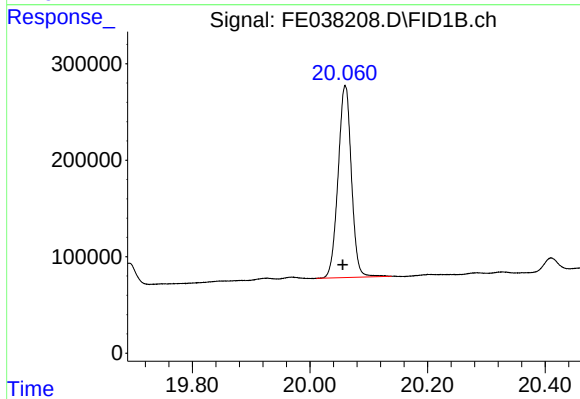
#18 n-Dotriacontane (C32)

R.T.: 18.541 min
Delta R.T.: 0.000 min
Response: 3393987
Conc: 21.55 ug/ml



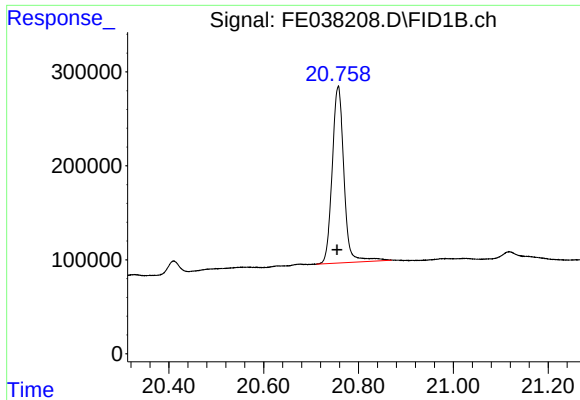
#19 n-Tetratriacontane (C34)

R.T.: 19.323 min
Delta R.T.: 0.000 min
Response: 3169139
Conc: 21.39 ug/ml



#20 n-Hexatriacontane (C36)

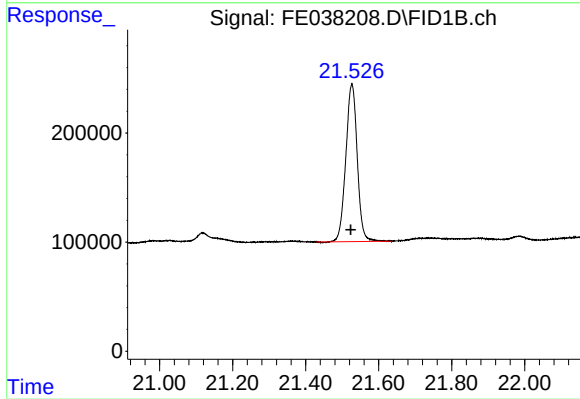
R.T.: 20.060 min
Delta R.T.: 0.004 min
Response: 3126684
Conc: 21.69 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.757 min
Delta R.T.: 0.003 min
Response: 3238337
Conc: 23.86 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.527 min
Delta R.T.: 0.003 min
Response: 3135474
Conc: 24.63 ug/ml