

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070225AL\
 Data File : FE054666.D
 Signal(s) : FID1B.ch
 Acq On : 02 Jul 2025 07:12
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jul 03 05:08:34 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 27 15:19:13 2025
 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)	12.075	3361775	20.701 ug/ml
Spiked Amount 50.000		Recovery =	41.40%
12) S 1-chlorooctadecane (S...	13.511	2549626	20.188 ug/ml
Spiked Amount 50.000		Recovery =	40.38%
Target Compounds			
1) T n-Nonane (C9)	3.419	2898333	21.548 ug/ml
2) T n-Decane (C10)	4.676	3000084	21.987 ug/ml
3) T A~Naphthalene (C11.7)	6.391	3321301	21.935 ug/ml
4) T n-Dodecane (C12)	6.851	3049272	22.224 ug/ml
5) T A~2-methylnaphthalene...	7.491	3229494	21.969 ug/ml
6) T n-Tetradecane (C14)	8.687	3049663	21.999 ug/ml
7) T n-Hexadecane (C16)	10.302	3116775	21.871 ug/ml
8) T n-Octadecane (C18)	11.750	3125392	21.326 ug/ml
10) T n-Eicosane (C20)	13.064	3004909	20.897 ug/ml
11) T n-Heneicosane (C21)	13.677	2901889	20.317 ug/ml
13) T n-Docosane (C22)	14.266	2999925	21.010 ug/ml
14) T n-Tetracosane (C24)	15.372	3132137	21.547 ug/ml
15) T n-Hexacosane (C26)	16.396	3219059	22.244 ug/ml
16) T n-Octacosane (C28)	17.348	3261272	22.378 ug/ml
17) T n-Tricontane (C30)	18.236	3295613	20.913 ug/ml
18) T n-Dotriacontane (C32)	19.070	3089430	19.096 ug/ml
19) T n-Tetratriacontane (C34)	19.855	2720864	17.854 ug/ml
20) T n-Hexatriacontane (C36)	20.596	2417009	17.976 ug/ml
21) T n-Octatriacontane (C38)	21.374	2315453	19.742 ug/ml
22) T n-Tetracontane (C40)	22.362	2231096	20.585 ug/ml

(f)=RT Delta > 1/2 Window

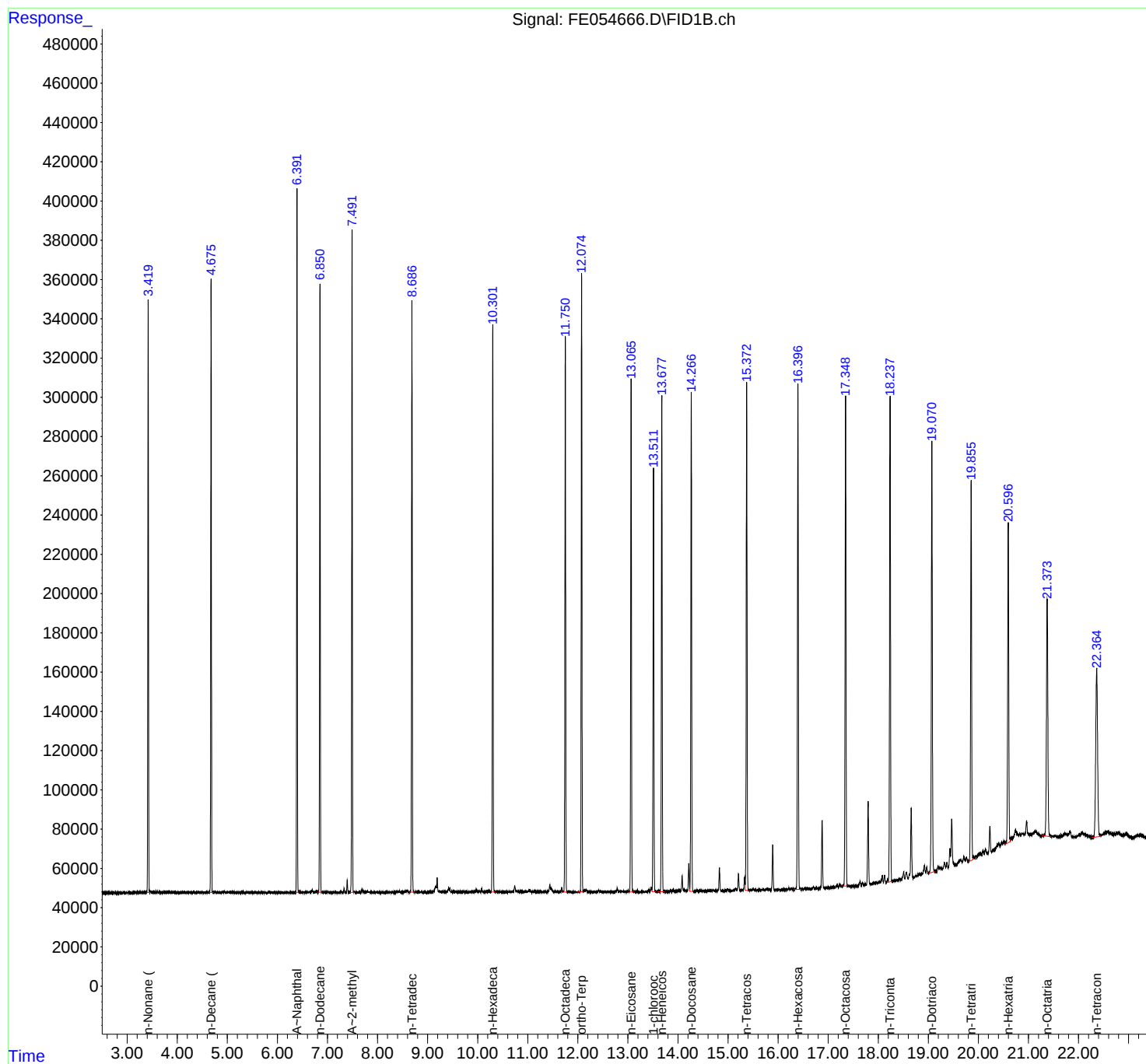
(m)=manual int.

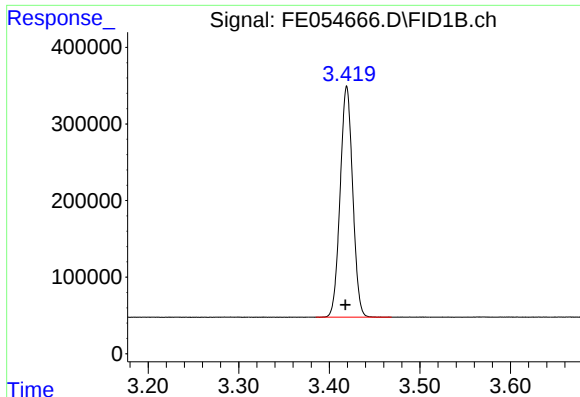
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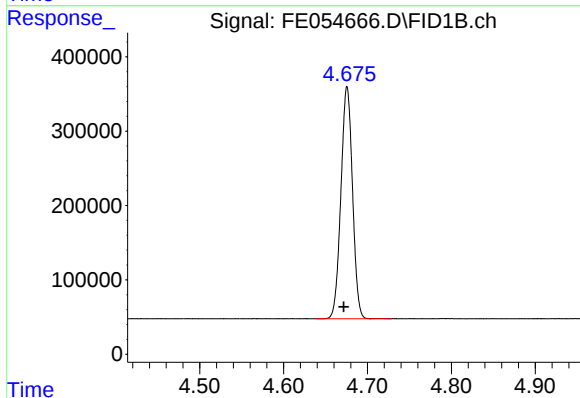




#1 n-Nonane (C9)

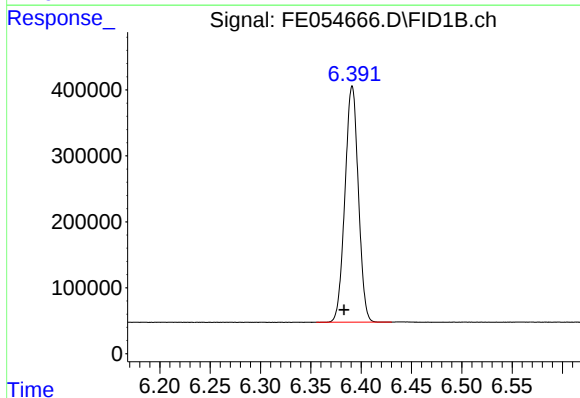
R.T.: 3.419 min
Delta R.T.: 0.001 min
Response: 2898333
Conc: 21.55 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



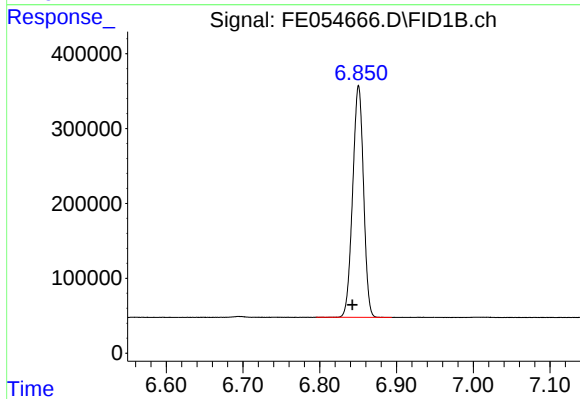
#2 n-Decane (C10)

R.T.: 4.676 min
Delta R.T.: 0.004 min
Response: 3000084
Conc: 21.99 ug/ml



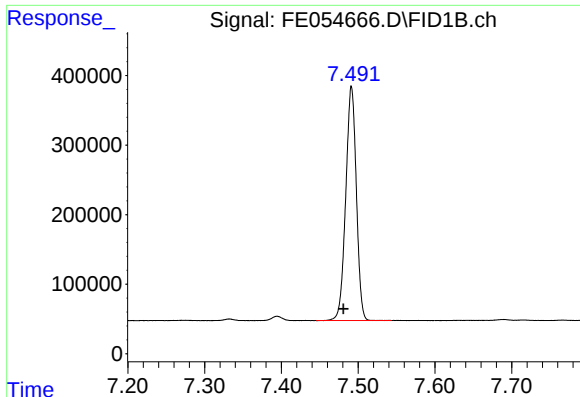
#3 A~Naphthalene (C11.7)

R.T.: 6.391 min
Delta R.T.: 0.008 min
Response: 3321301
Conc: 21.94 ug/ml



#4 n-Dodecane (C12)

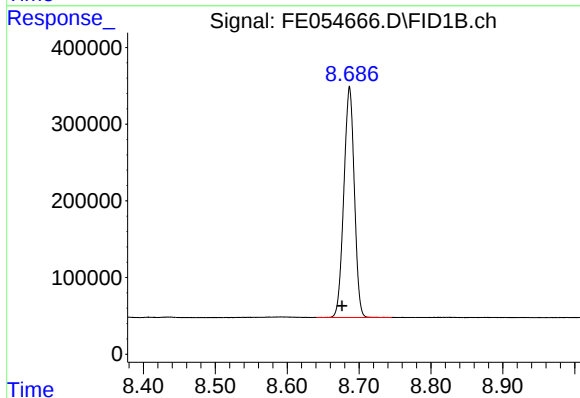
R.T.: 6.851 min
Delta R.T.: 0.008 min
Response: 3049272
Conc: 22.22 ug/ml



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

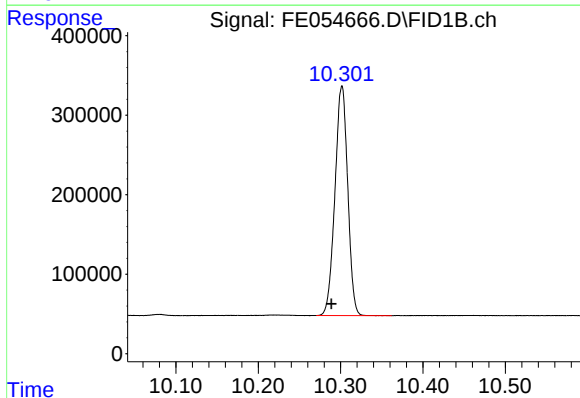
R.T.: 7.491 min
Delta R.T.: 0.010 min
Response: 3229494
Conc: 21.97 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



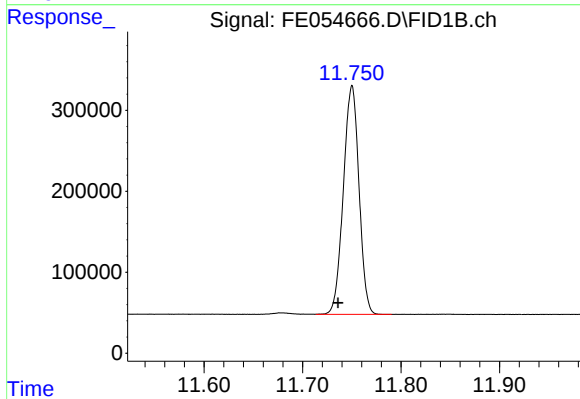
#6 n-Tetradecane (C14)

R.T.: 8.687 min
Delta R.T.: 0.010 min
Response: 3049663
Conc: 22.00 ug/ml



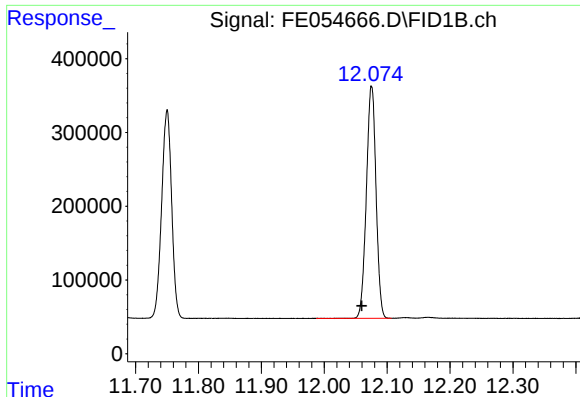
#7 n-Hexadecane (C16)

R.T.: 10.302 min
Delta R.T.: 0.013 min
Response: 3116775
Conc: 21.87 ug/ml



#8 n-Octadecane (C18)

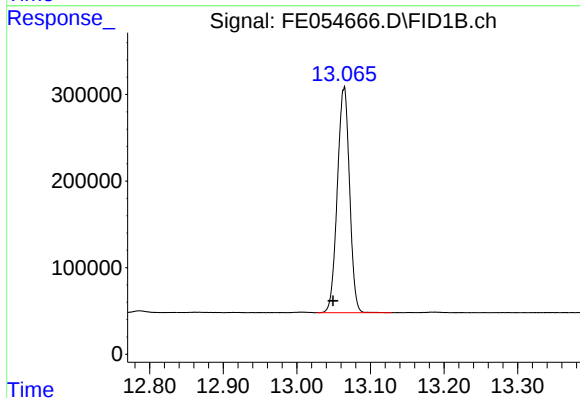
R.T.: 11.750 min
Delta R.T.: 0.014 min
Response: 3125392
Conc: 21.33 ug/ml



#9 ortho-Terphenyl (SURR)

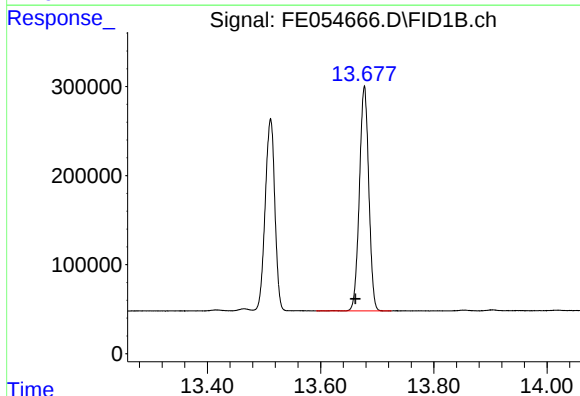
R.T.: 12.075 min
Delta R.T.: 0.015 min
Response: 3361775
Conc: 20.70 ug/ml

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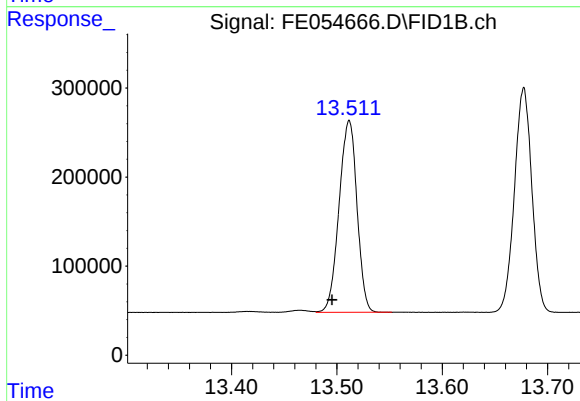
#10 n-Eicosane (C20)

R.T.: 13.064 min
Delta R.T.: 0.015 min
Response: 3004909
Conc: 20.90 ug/ml



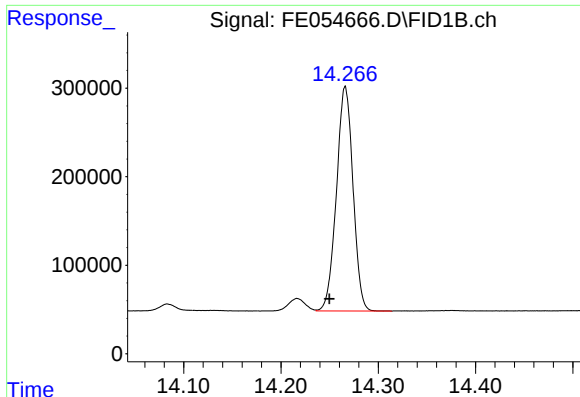
#11 n-Heneicosane (C21)

R.T.: 13.677 min
Delta R.T.: 0.016 min
Response: 2901889
Conc: 20.32 ug/ml



#12 1-chlorooctadecane (SURR)

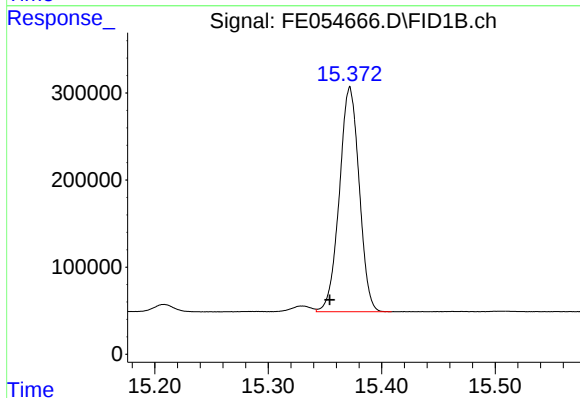
R.T.: 13.511 min
Delta R.T.: 0.016 min
Response: 2549626
Conc: 20.19 ug/ml



#13 n-Docosane (C22)

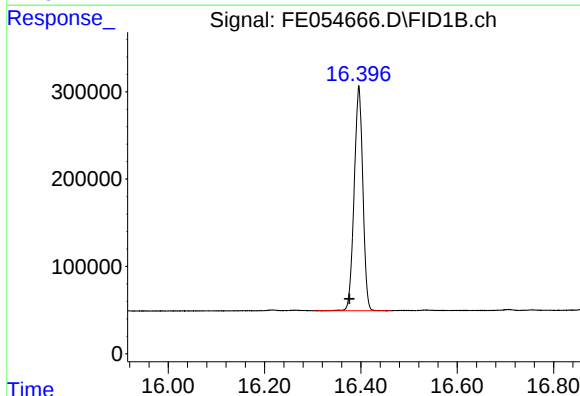
R.T.: 14.266 min
Delta R.T.: 0.016 min
Response: 2999925
Conc: 21.01 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



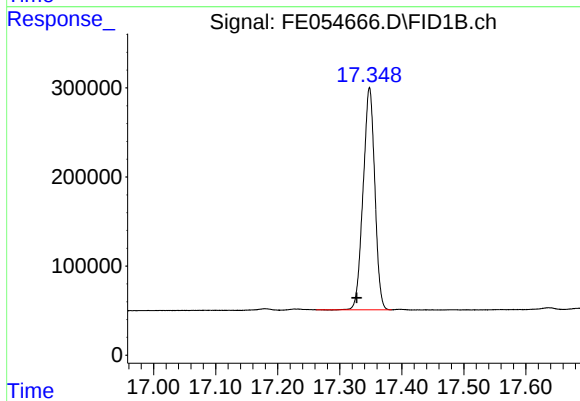
#14 n-Tetracosane (C24)

R.T.: 15.372 min
Delta R.T.: 0.018 min
Response: 3132137
Conc: 21.55 ug/ml



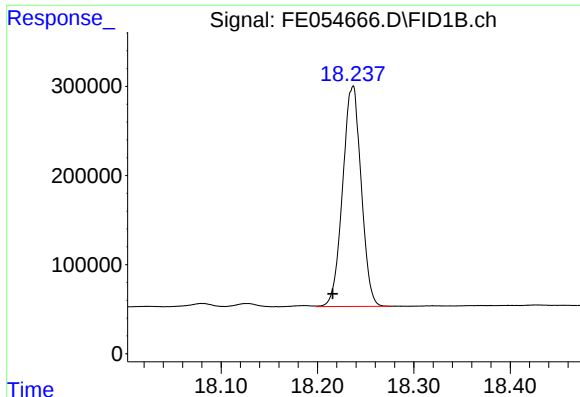
#15 n-Hexacosane (C26)

R.T.: 16.396 min
Delta R.T.: 0.019 min
Response: 3219059
Conc: 22.24 ug/ml



#16 n-Octacosane (C28)

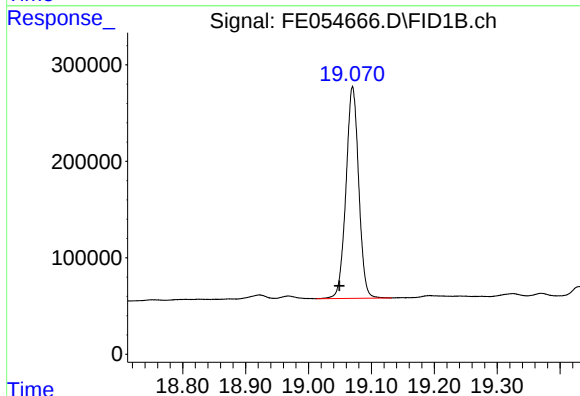
R.T.: 17.348 min
Delta R.T.: 0.021 min
Response: 3261272
Conc: 22.38 ug/ml



#17 n-Tricontane (C30)

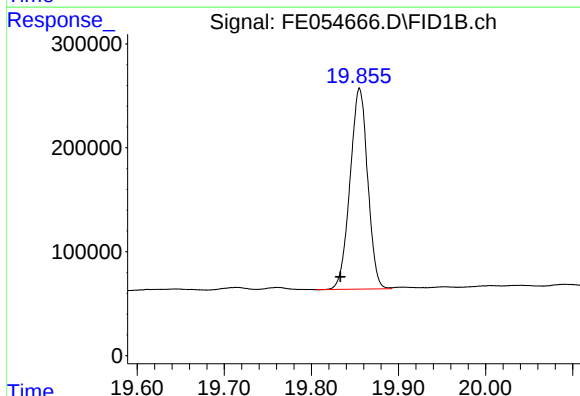
R.T.: 18.236 min
Delta R.T.: 0.020 min
Response: 3295613
Conc: 20.91 ug/ml

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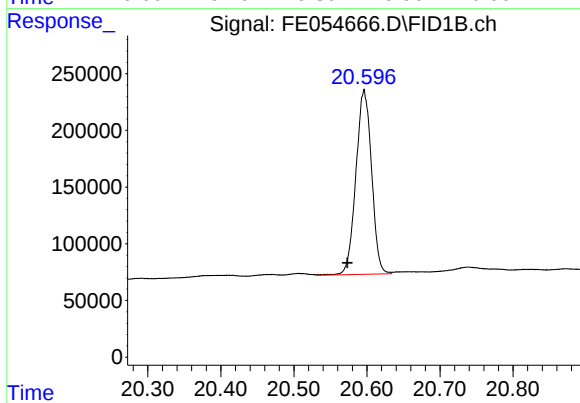
#18 n-Dotriacontane (C32)

R.T.: 19.070 min
Delta R.T.: 0.021 min
Response: 3089430
Conc: 19.10 ug/ml



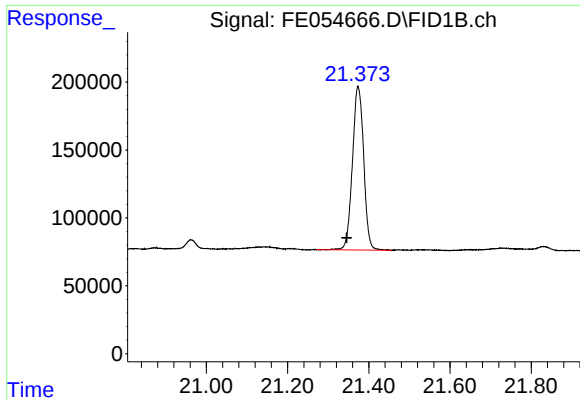
#19 n-Tetratriacontane (C34)

R.T.: 19.855 min
Delta R.T.: 0.022 min
Response: 2720864
Conc: 17.85 ug/ml



#20 n-Hexatriacontane (C36)

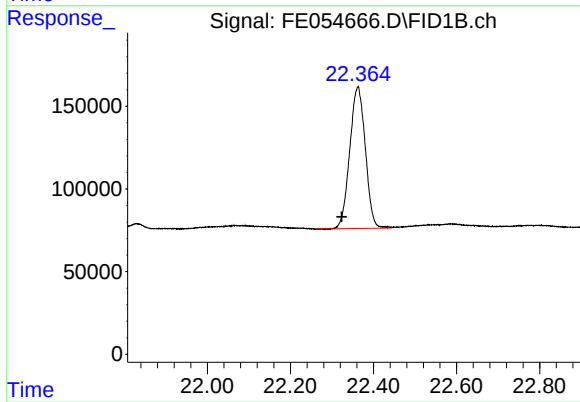
R.T.: 20.596 min
Delta R.T.: 0.023 min
Response: 2417009
Conc: 17.98 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.374 min
Delta R.T.: 0.028 min
Response: 2315453
Conc: 19.74 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.362 min
Delta R.T.: 0.038 min
Response: 2231096
Conc: 20.59 ug/ml