

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070725AL\
 Data File : FE054724.D
 Signal(s) : FID1B.ch
 Acq On : 08 Jul 2025 02:09
 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 08 03:35:14 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)	12.084	3147791	19.384 ug/ml
Spiked Amount 50.000		Recovery =	38.77%
12) S 1-chlorooctadecane (S...	13.520	2411627	19.095 ug/ml
Spiked Amount 50.000		Recovery =	38.19%
Target Compounds			
1) T n-Nonane (C9)	3.423	2707169	20.126 ug/ml
2) T n-Decane (C10)	4.680	2812933	20.615 ug/ml
3) T A~Naphthalene (C11.7)	6.399	3138726	20.730 ug/ml
4) T n-Dodecane (C12)	6.856	2875283	20.956 ug/ml
5) T A~2-methylnaphthalene...	7.500	3052441	20.764 ug/ml
6) T n-Tetradecane (C14)	8.693	2896035	20.891 ug/ml
7) T n-Hexadecane (C16)	10.308	2951558	20.711 ug/ml
8) T n-Octadecane (C18)	11.758	2948816	20.121 ug/ml
10) T n-Eicosane (C20)	13.072	2821836	19.624 ug/ml
11) T n-Heneicosane (C21)	13.686	2721549	19.054 ug/ml
13) T n-Docosane (C22)	14.225	164343	1.151 ug/ml
14) T n-Tetracosane (C24)	15.338	82432	0.567 ug/ml
15) T n-Hexacosane (C26)	16.405	3025201	20.904 ug/ml
16) T n-Octacosane (C28)	17.357	3136061	21.518 ug/ml
17) T n-Tricontane (C30)	18.246	3297604	20.926 ug/ml
18) T n-Dotriacontane (C32)	19.079	3160483	19.535 ug/ml
19) T n-Tetratriacontane (C34)	19.866	2851320	18.711 ug/ml
20) T n-Hexatriacontane (C36)	20.607	3284076	24.425 ug/ml
21) T n-Octatriacontane (C38)	21.388	3118864	26.593 ug/ml
22) T n-Tetracontane (C40)	22.381f	2616156	24.138 ug/ml

(f)=RT Delta > 1/2 Window

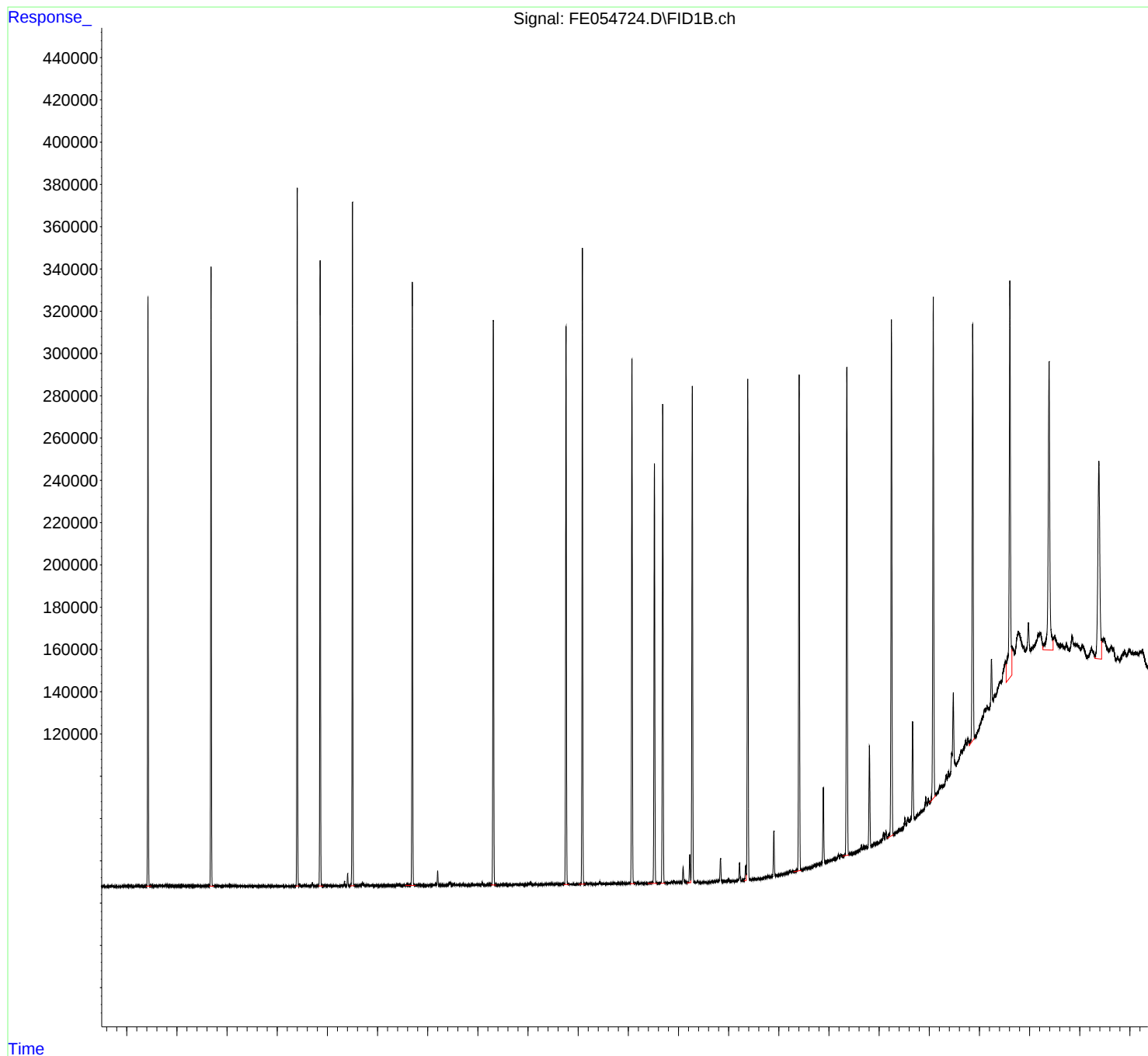
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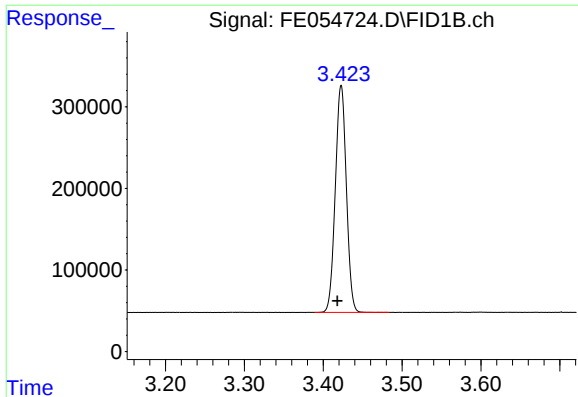
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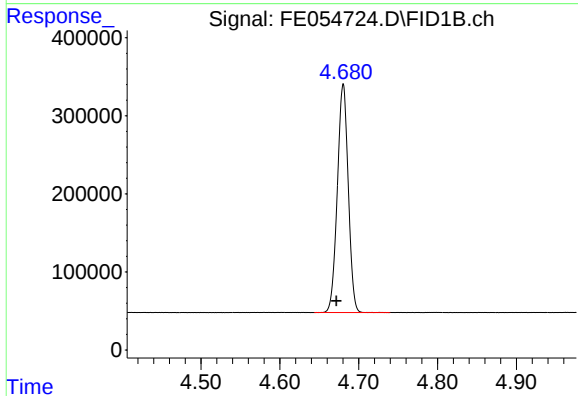




#1 n-Nonane (C9)

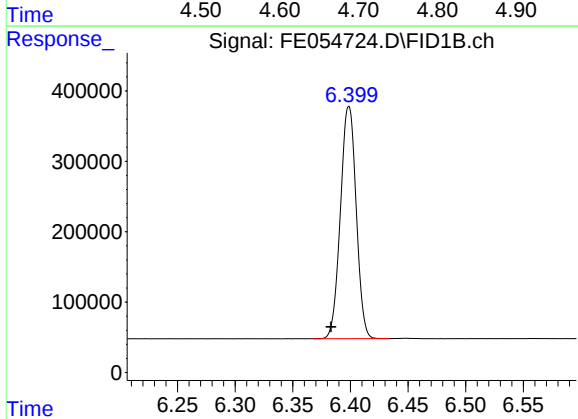
R.T.: 3.423 min
Delta R.T.: 0.005 min
Response: 2707169
Conc: 20.13 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



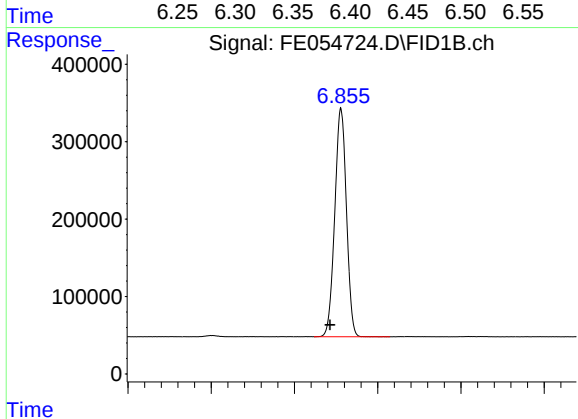
#2 n-Decane (C10)

R.T.: 4.680 min
Delta R.T.: 0.009 min
Response: 2812933
Conc: 20.62 ug/ml



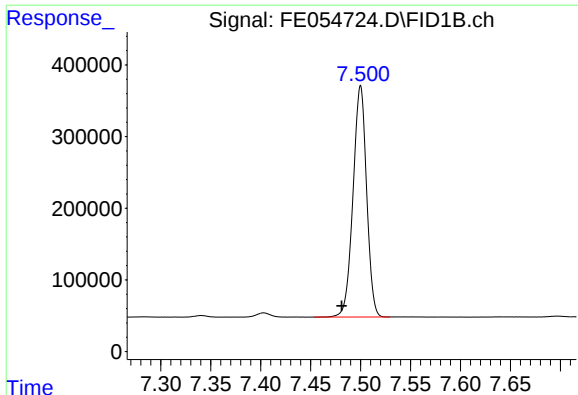
#3 A~Naphthalene (C11.7)

R.T.: 6.399 min
Delta R.T.: 0.016 min
Response: 3138726
Conc: 20.73 ug/ml



#4 n-Dodecane (C12)

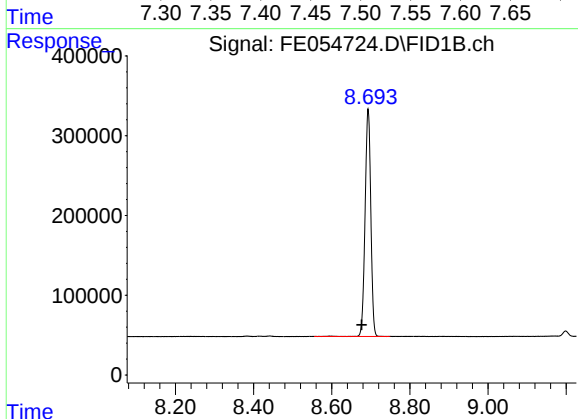
R.T.: 6.856 min
Delta R.T.: 0.013 min
Response: 2875283
Conc: 20.96 ug/ml



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

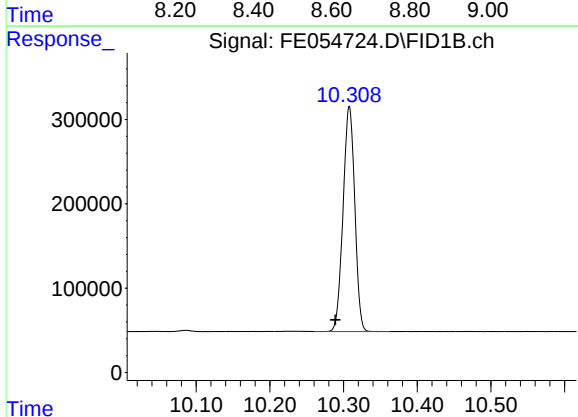
R.T.: 7.500 min
Delta R.T.: 0.019 min
Response: 3052441
Conc: 20.76 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



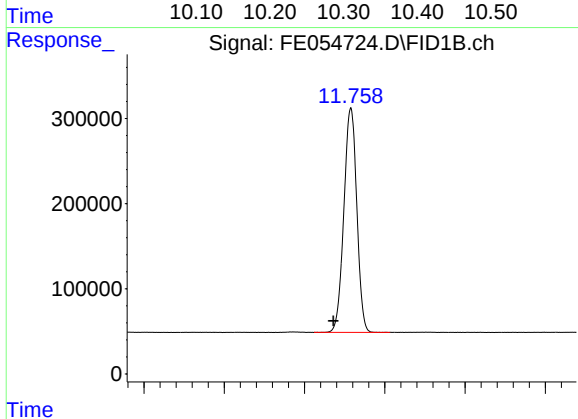
#6 n-Tetradecane (C14)

R.T.: 8.693 min
Delta R.T.: 0.017 min
Response: 2896035
Conc: 20.89 ug/ml



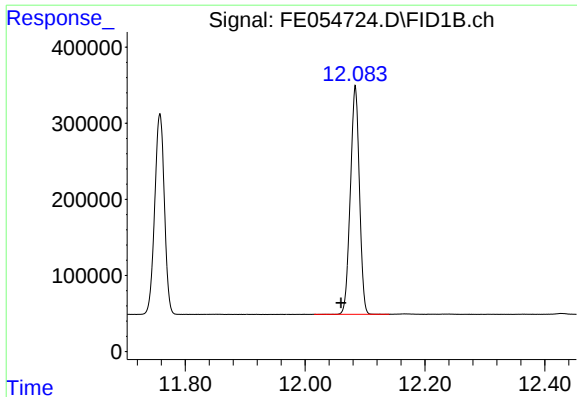
#7 n-Hexadecane (C16)

R.T.: 10.308 min
Delta R.T.: 0.019 min
Response: 2951558
Conc: 20.71 ug/ml



#8 n-Octadecane (C18)

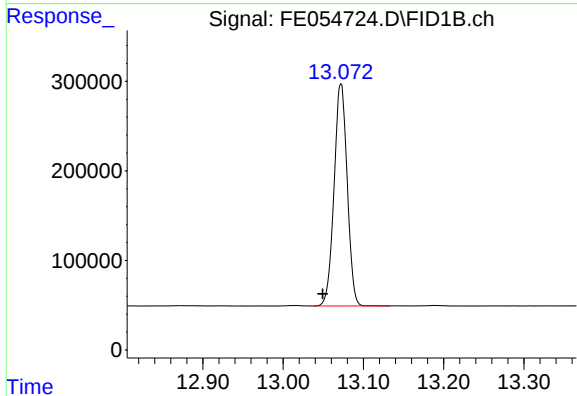
R.T.: 11.758 min
Delta R.T.: 0.022 min
Response: 2948816
Conc: 20.12 ug/ml



#9 ortho-Terphenyl (SURR)

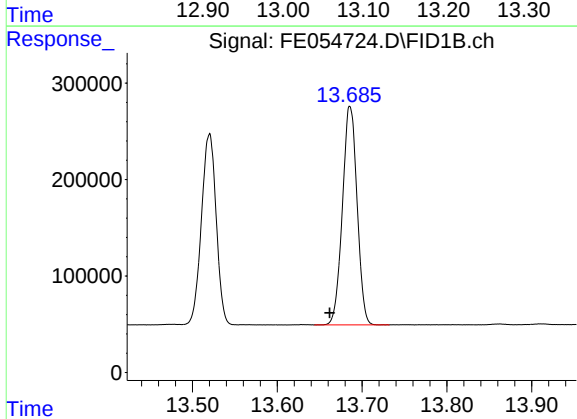
R.T.: 12.084 min
Delta R.T.: 0.024 min
Response: 3147791
Conc: 19.38 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



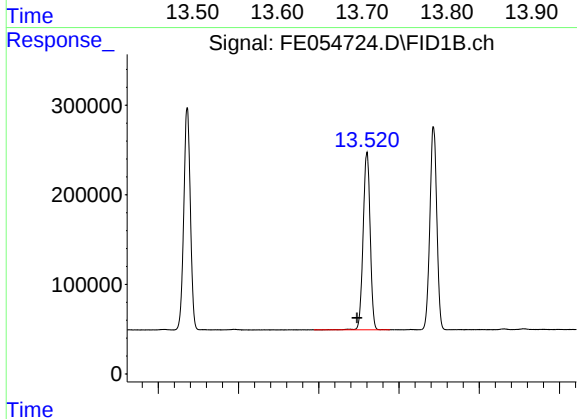
#10 n-Eicosane (C20)

R.T.: 13.072 min
Delta R.T.: 0.023 min
Response: 2821836
Conc: 19.62 ug/ml



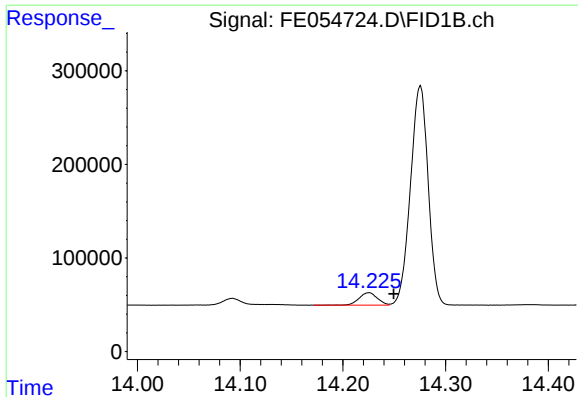
#11 n-Heneicosane (C21)

R.T.: 13.686 min
Delta R.T.: 0.024 min
Response: 2721549
Conc: 19.05 ug/ml



#12 1-chlorooctadecane (SURR)

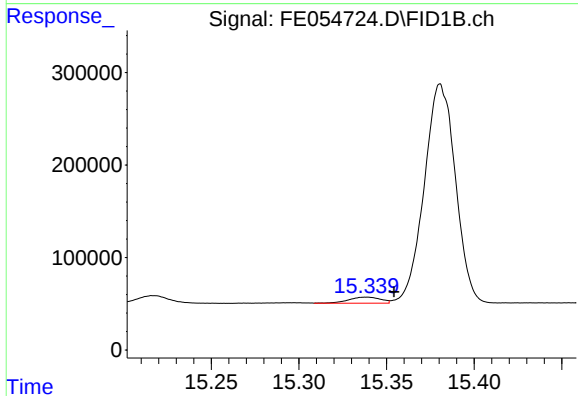
R.T.: 13.520 min
Delta R.T.: 0.024 min
Response: 2411627
Conc: 19.10 ug/ml



#13 n-Docosane (C22)

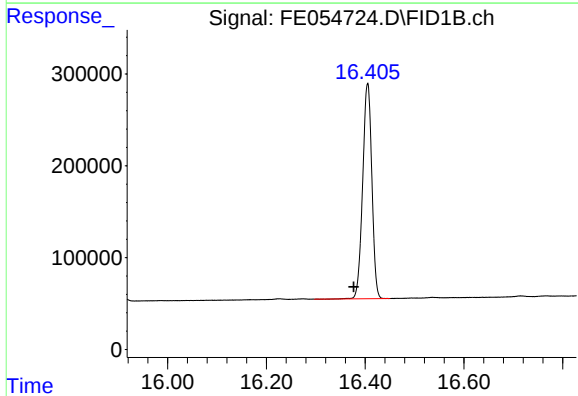
R.T.: 14.225 min
Delta R.T.: -0.025 min
Response: 164343
Conc: 1.15 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



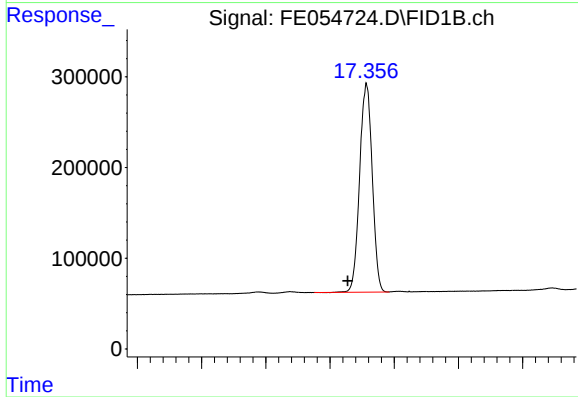
#14 n-Tetracosane (C24)

R.T.: 15.338 min
Delta R.T.: -0.016 min
Response: 82432
Conc: 0.57 ug/ml



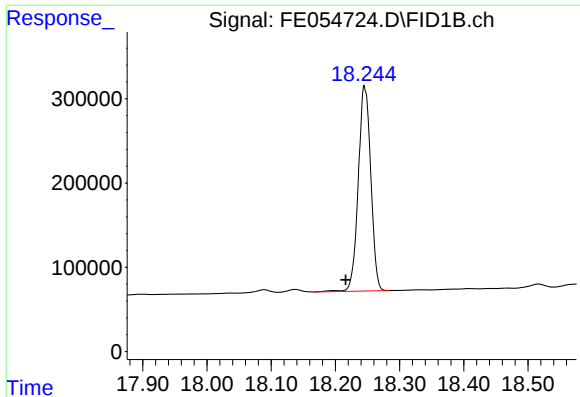
#15 n-Hexacosane (C26)

R.T.: 16.405 min
Delta R.T.: 0.029 min
Response: 3025201
Conc: 20.90 ug/ml



#16 n-Octacosane (C28)

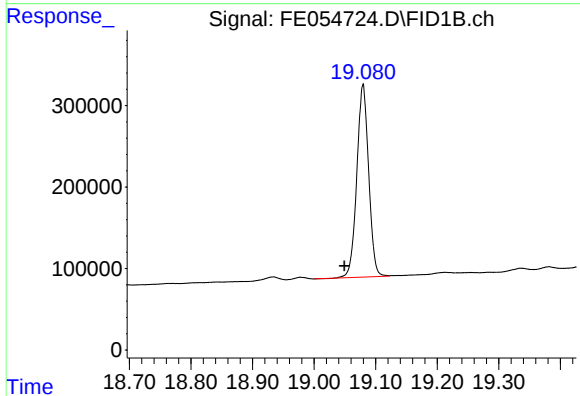
R.T.: 17.357 min
Delta R.T.: 0.029 min
Response: 3136061
Conc: 21.52 ug/ml



#17 n-Tricontane (C30)

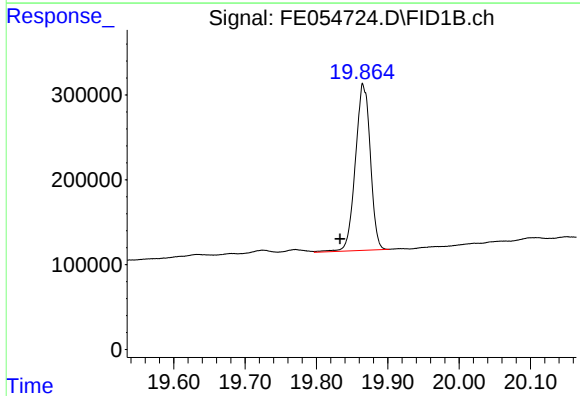
R.T.: 18.246 min
Delta R.T.: 0.030 min
Response: 3297604
Conc: 20.93 ug/ml

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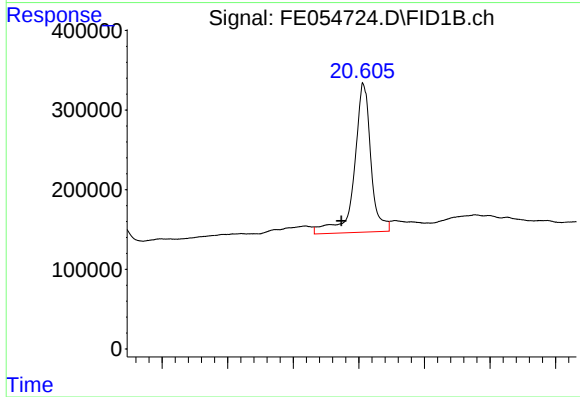
#18 n-Dotriacontane (C32)

R.T.: 19.079 min
Delta R.T.: 0.030 min
Response: 3160483
Conc: 19.53 ug/ml



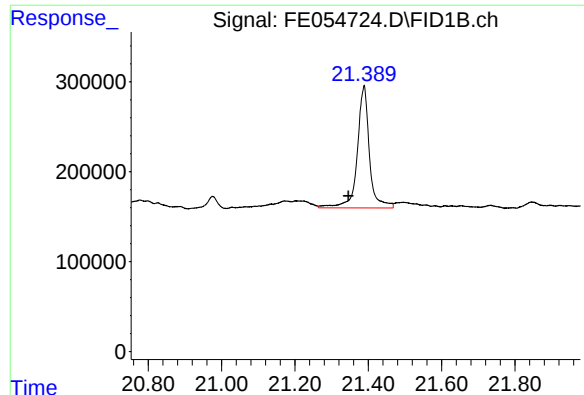
#19 n-Tetratriacontane (C34)

R.T.: 19.866 min
Delta R.T.: 0.033 min
Response: 2851320
Conc: 18.71 ug/ml



#20 n-Hexatriacontane (C36)

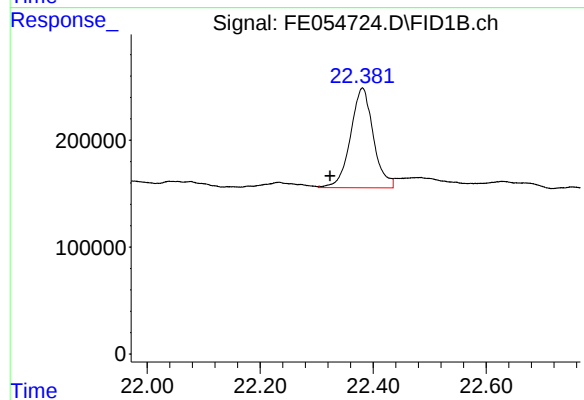
R.T.: 20.607 min
Delta R.T.: 0.034 min
Response: 3284076
Conc: 24.43 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.388 min
Delta R.T.: 0.043 min
Response: 3118864
Conc: 26.59 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.381 min
Delta R.T.: 0.057 min
Response: 2616156
Conc: 24.14 ug/ml