

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE052623AL\
 Data File : FE042266.D
 Signal(s) : FID1B.ch
 Acq On : 26 May 2023 23:07
 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: May 27 00:29:38 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051823.M
 Quant Title : GC Extractables
 QLast Update : Thu May 18 06:27:12 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)	11.963	3624103	20.524 ug/ml
Spiked Amount 50.000		Recovery =	41.05%
12) S 1-chlorooctadecane (S...	13.398	2643328	19.893 ug/ml
Spiked Amount 50.000		Recovery =	39.79%
Target Compounds			
1) T n-Nonane (C9)	3.345	3048537	21.141 ug/ml
2) T n-Decane (C10)	4.596	3126200	21.118 ug/ml
3) T A~Naphthalene (C11.7)	6.304	3438223	21.073 ug/ml
4) T n-Dodecane (C12)	6.763	3165449	21.109 ug/ml
5) T A~2-methylnaphthalene...	7.401	3305307	20.827 ug/ml
6) T n-Tetradecane (C14)	8.592	3131259	20.902 ug/ml
7) T n-Hexadecane (C16)	10.200	3231959	20.748 ug/ml
8) T n-Octadecane (C18)	11.642	3239126	20.483 ug/ml
10) T n-Eicosane (C20)	12.952	3079155	20.313 ug/ml
11) T n-Heneicosane (C21)	13.564	2999421	20.245 ug/ml
13) T n-Docosane (C22)	14.150	2955248	20.159 ug/ml
14) T n-Tetracosane (C24)	15.253	2892842	20.040 ug/ml
15) T n-Hexacosane (C26)	16.274	2816186	20.334 ug/ml
16) T n-Octacosane (C28)	17.223	2785846	20.808 ug/ml
17) T n-Tricontane (C30)	18.111	2934941	21.742 ug/ml
18) T n-Dotriacontane (C32)	18.944	2924835	21.894 ug/ml
19) T n-Tetratriacontane (C34)	19.727	2801485	21.302 ug/ml
20) T n-Hexatriacontane (C36)	20.467	2753431	21.185 ug/ml
21) T n-Octatriacontane (C38)	21.216	2712024	19.989 ug/ml
22) T n-Tetracontane (C40)	22.151	2623558	18.858 ug/ml

(f)=RT Delta > 1/2 Window

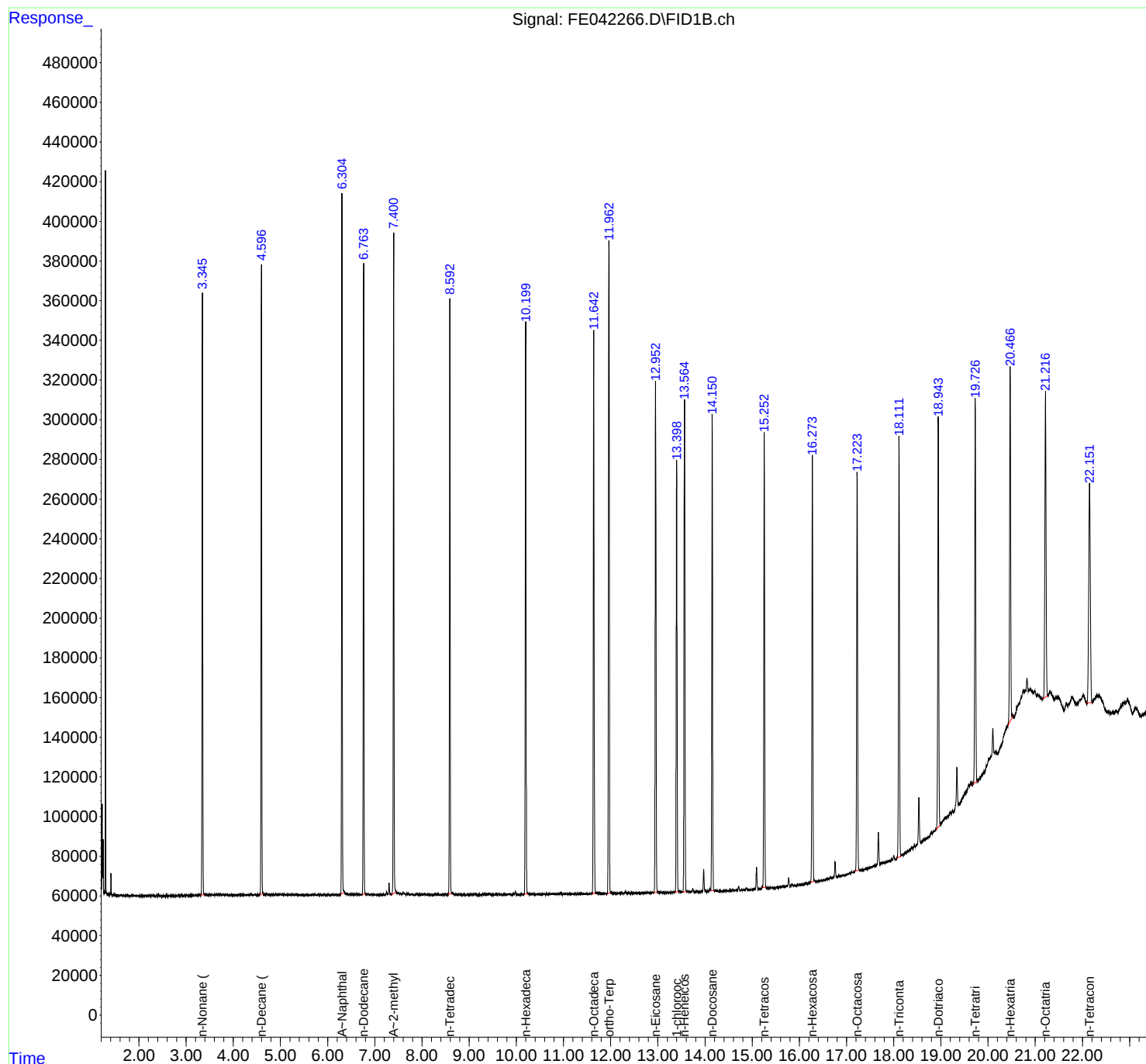
(m)=manual int.

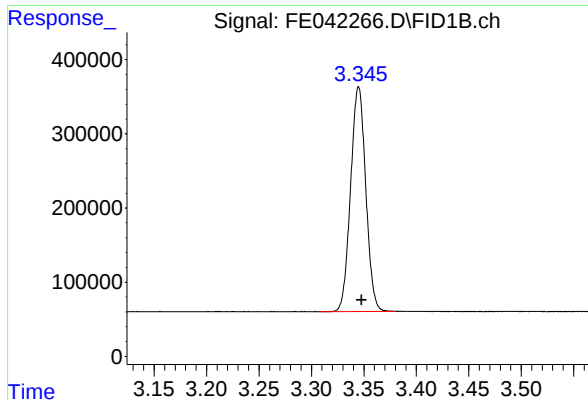
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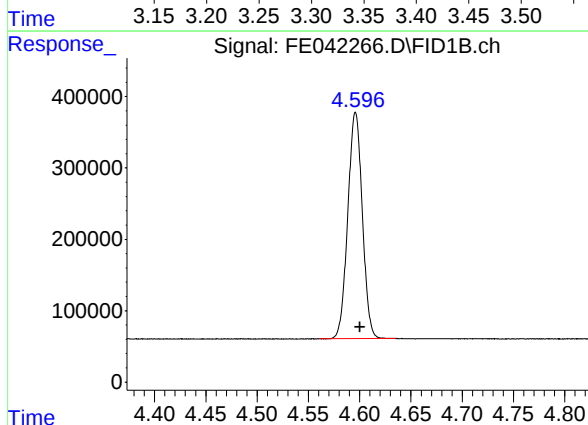




#1 n-Nonane (C9)

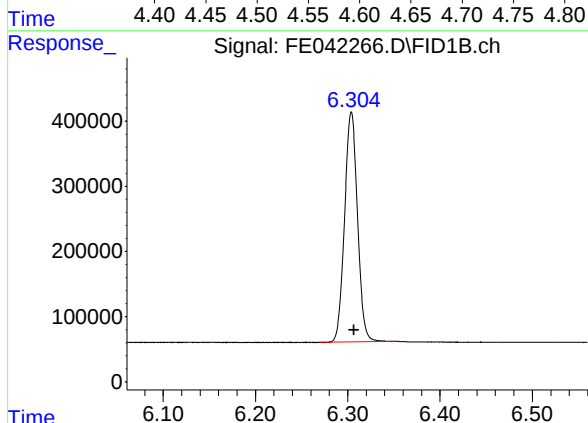
R.T.: 3.345 min
Delta R.T.: -0.003 min
Response: 3048537
Conc: 21.14 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



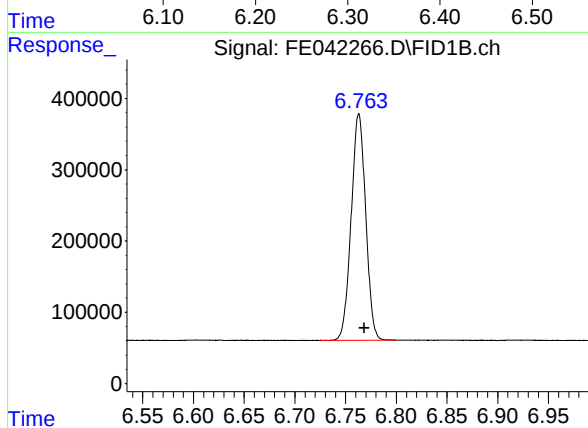
#2 n-Decane (C10)

R.T.: 4.596 min
Delta R.T.: -0.004 min
Response: 3126200
Conc: 21.12 ug/ml



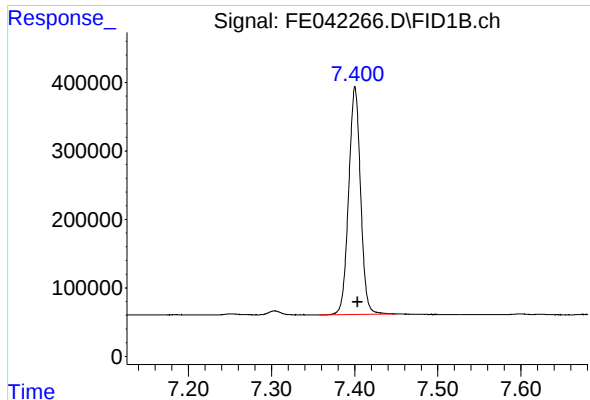
#3 A~Naphthalene (C11.7)

R.T.: 6.304 min
Delta R.T.: -0.003 min
Response: 3438223
Conc: 21.07 ug/ml



#4 n-Dodecane (C12)

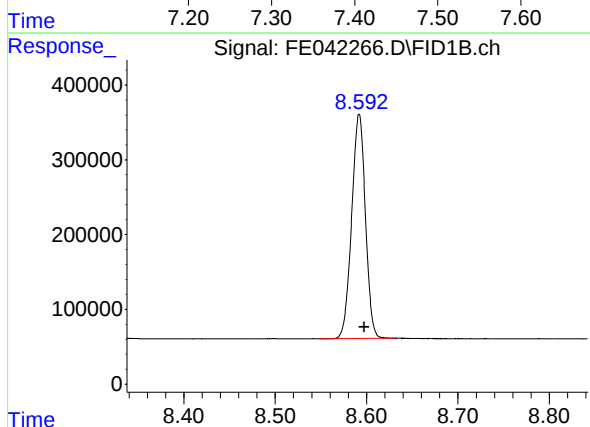
R.T.: 6.763 min
Delta R.T.: -0.005 min
Response: 3165449
Conc: 21.11 ug/ml



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

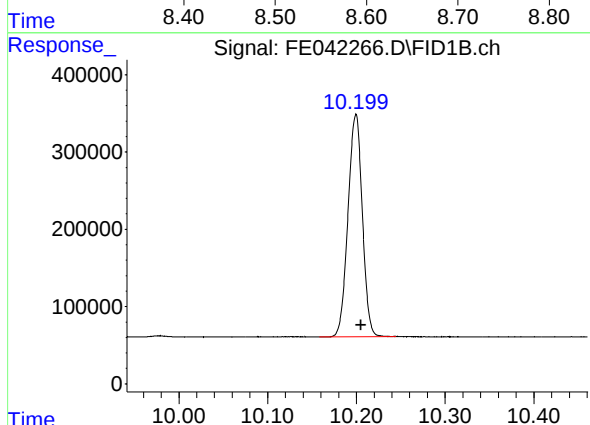
R.T.: 7.401 min
Delta R.T.: -0.003 min
Response: 3305307
Conc: 20.83 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



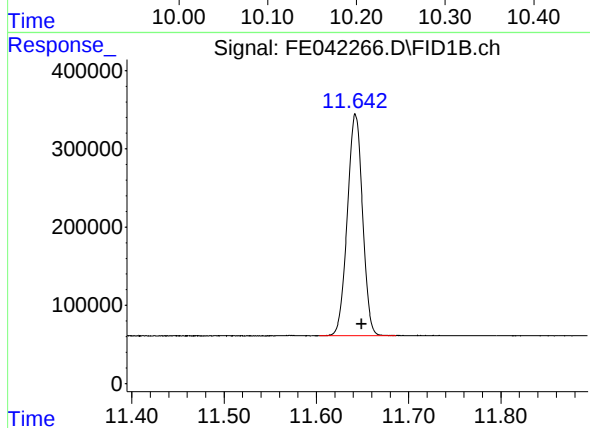
#6 n-Tetradecane (C14)

R.T.: 8.592 min
Delta R.T.: -0.005 min
Response: 3131259
Conc: 20.90 ug/ml



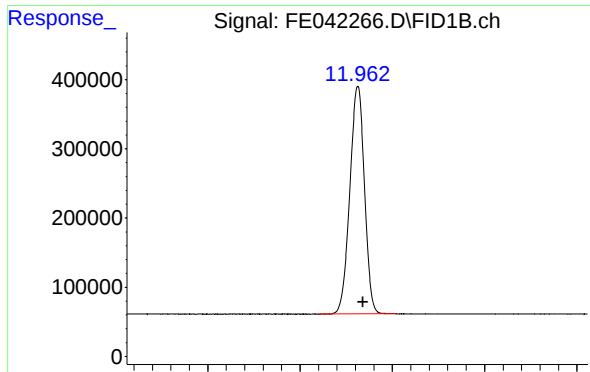
#7 n-Hexadecane (C16)

R.T.: 10.200 min
Delta R.T.: -0.006 min
Response: 3231959
Conc: 20.75 ug/ml



#8 n-Octadecane (C18)

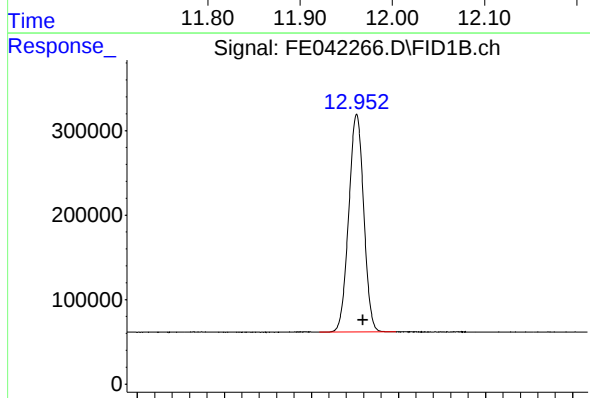
R.T.: 11.642 min
Delta R.T.: -0.007 min
Response: 3239126
Conc: 20.48 ug/ml



#9 ortho-Terphenyl (SURR)

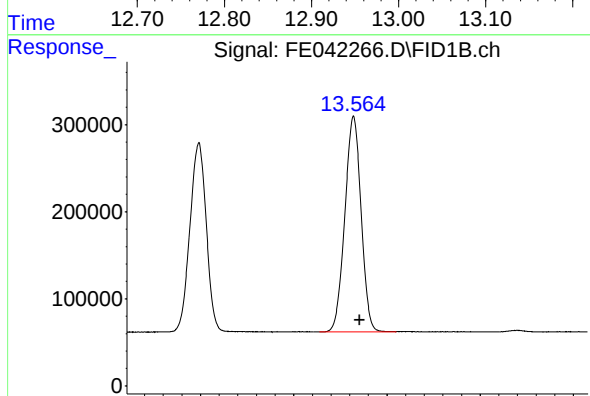
R.T.: 11.963 min
Delta R.T.: -0.005 min
Response: 3624103
Conc: 20.52 ug/ml

Instrument :
FID_E
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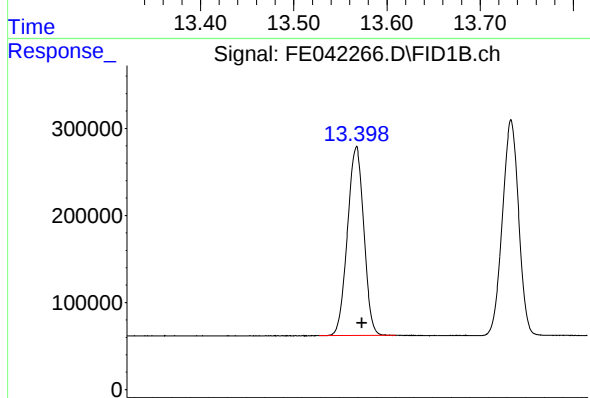
#10 n-Eicosane (C20)

R.T.: 12.952 min
Delta R.T.: -0.007 min
Response: 3079155
Conc: 20.31 ug/ml



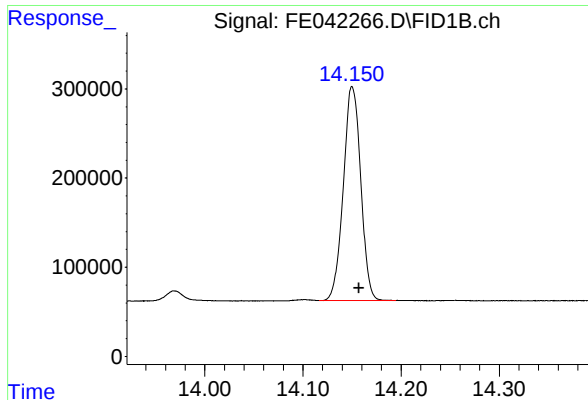
#11 n-Heneicosane (C21)

R.T.: 13.564 min
Delta R.T.: -0.007 min
Response: 2999421
Conc: 20.25 ug/ml



#12 1-chlorooctadecane (SURR)

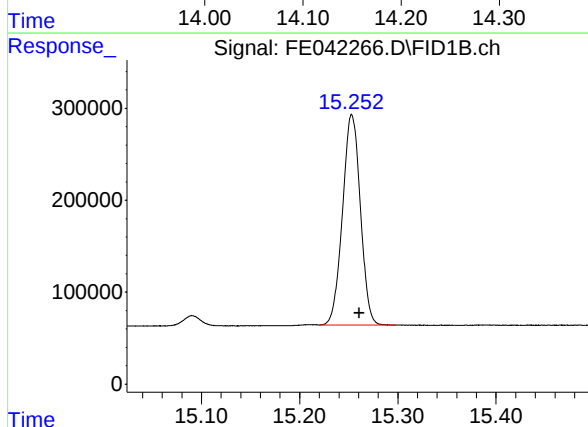
R.T.: 13.398 min
Delta R.T.: -0.006 min
Response: 2643328
Conc: 19.89 ug/ml



#13 n-Docosane (C22)

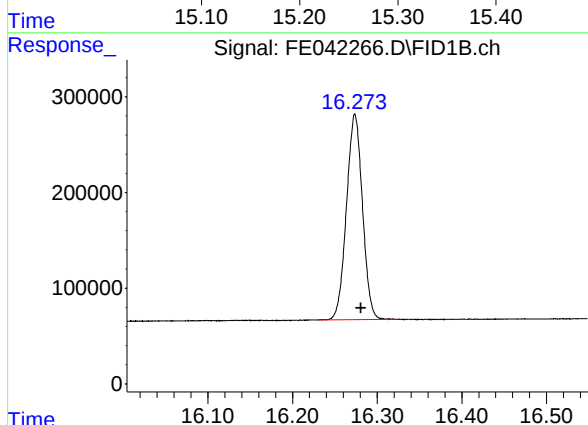
R.T.: 14.150 min
Delta R.T.: -0.007 min
Response: 2955248
Conc: 20.16 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



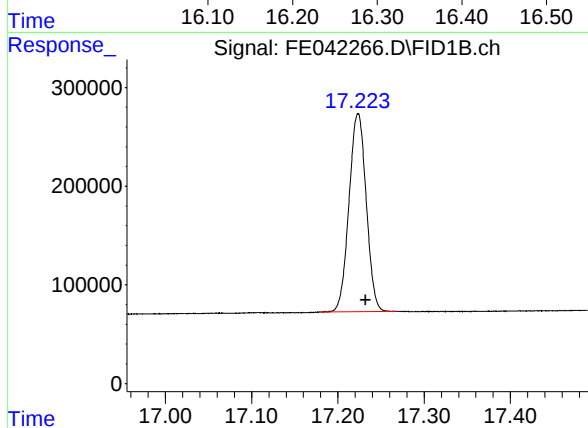
#14 n-Tetracosane (C24)

R.T.: 15.253 min
Delta R.T.: -0.008 min
Response: 2892842
Conc: 20.04 ug/ml



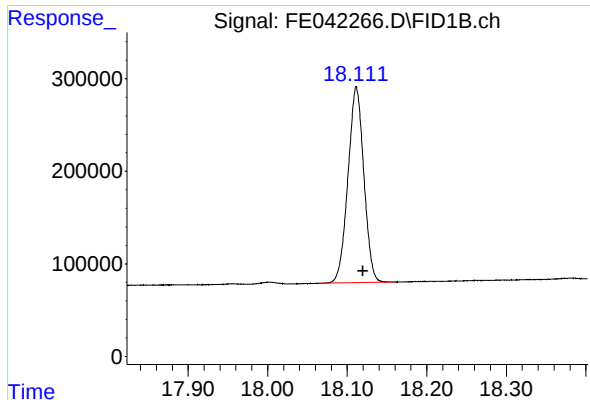
#15 n-Hexacosane (C26)

R.T.: 16.274 min
Delta R.T.: -0.007 min
Response: 2816186
Conc: 20.33 ug/ml



#16 n-Octacosane (C28)

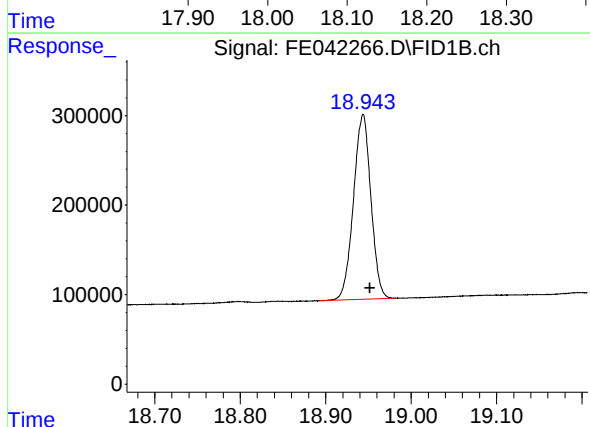
R.T.: 17.223 min
Delta R.T.: -0.009 min
Response: 2785846
Conc: 20.81 ug/ml



#17 n-Tricontane (C30)

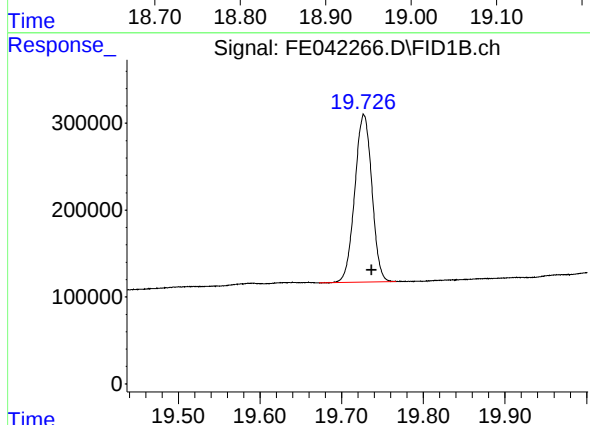
R.T.: 18.111 min
Delta R.T.: -0.008 min
Response: 2934941
Conc: 21.74 ug/ml

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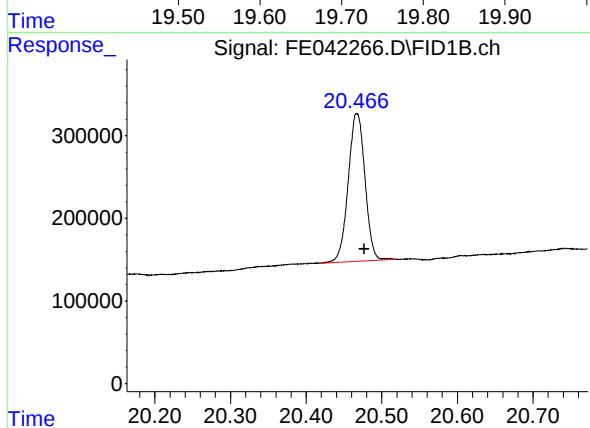
#18 n-Dotriacontane (C32)

R.T.: 18.944 min
Delta R.T.: -0.008 min
Response: 2924835
Conc: 21.89 ug/ml



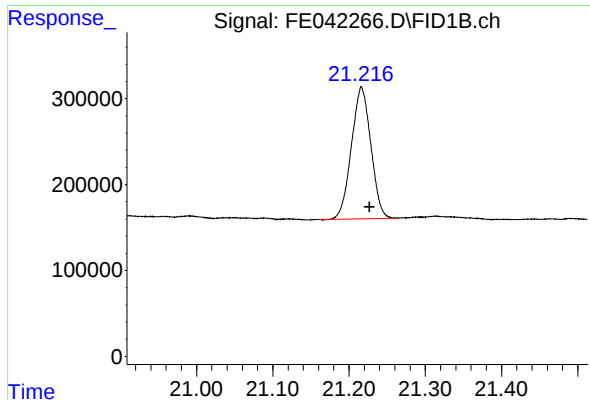
#19 n-Tetratriacontane (C34)

R.T.: 19.727 min
Delta R.T.: -0.009 min
Response: 2801485
Conc: 21.30 ug/ml



#20 n-Hexatriacontane (C36)

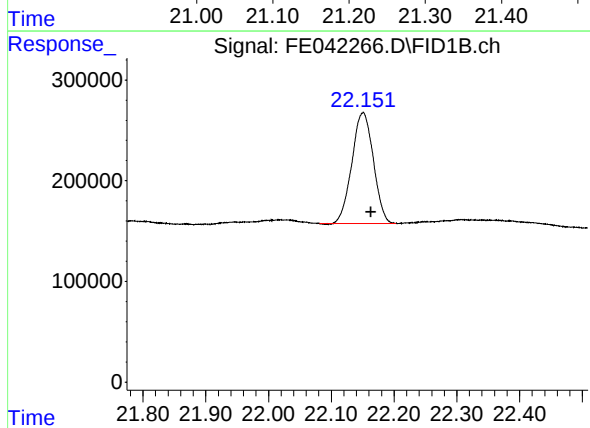
R.T.: 20.467 min
Delta R.T.: -0.010 min
Response: 2753431
Conc: 21.18 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.216 min
Delta R.T.: -0.011 min
Response: 2712024
Conc: 19.99 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.151 min
Delta R.T.: -0.012 min
Response: 2623558
Conc: 18.86 ug/ml