

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC101022AL\
 Data File : FC061745.D
 Signal(s) : FID1A.ch
 Acq On : 10 Oct 2022 19:23
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Oct 11 05:11:35 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 092022.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 20 18:33:32 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)	11.581	3355311	19.634 ug/ml
Spiked Amount 50.000		Recovery =	39.27%
12) S 1-chlorooctadecane (S...	13.018	2663361	19.496 ug/ml
Spiked Amount 50.000		Recovery =	38.99%
Target Compounds			
1) T n-Nonane (C9)	3.344	2861441	19.170 ug/ml
2) T n-Decane (C10)	4.411	2954392	19.586 ug/ml
3) T A~Naphthalene (C11.7)	5.994	3212755	19.373 ug/ml
4) T n-Dodecane (C12)	6.426	3007343	19.777 ug/ml
5) T A~2-methylnaphthalene...	7.049	3202377	19.468 ug/ml
6) T n-Tetradecane (C14)	8.223	3035374	19.909 ug/ml
7) T n-Hexadecane (C16)	9.824	3101542	20.058 ug/ml
8) T n-Octadecane (C18)	11.265	3177558	20.156 ug/ml
10) T n-Eicosane (C20)	12.574	3206121	20.119 ug/ml
11) T n-Heneicosane (C21)	13.186	3178452	19.811 ug/ml
13) T n-Docosane (C22)	13.772	3254738	20.258 ug/ml
14) T n-Tetracosane (C24)	14.874	3311767	20.674 ug/ml
15) T n-Hexacosane (C26)	15.895	3318840	20.935 ug/ml
16) T n-Octacosane (C28)	16.845	3334223	21.512 ug/ml
17) T n-Tricontane (C30)	17.732	3354238	21.796 ug/ml
18) T n-Dotriacontane (C32)	18.564	3180470	21.034 ug/ml
19) T n-Tetratriacontane (C34)	19.347	2769871	19.535 ug/ml
20) T n-Hexatriacontane (C36)	20.087	2580854	18.694 ug/ml
21) T n-Octatriacontane (C38)	20.823	2425651	18.730 ug/ml
22) T n-Tetracontane (C40)	21.735	2298249	18.806 ug/ml

(f)=RT Delta > 1/2 Window

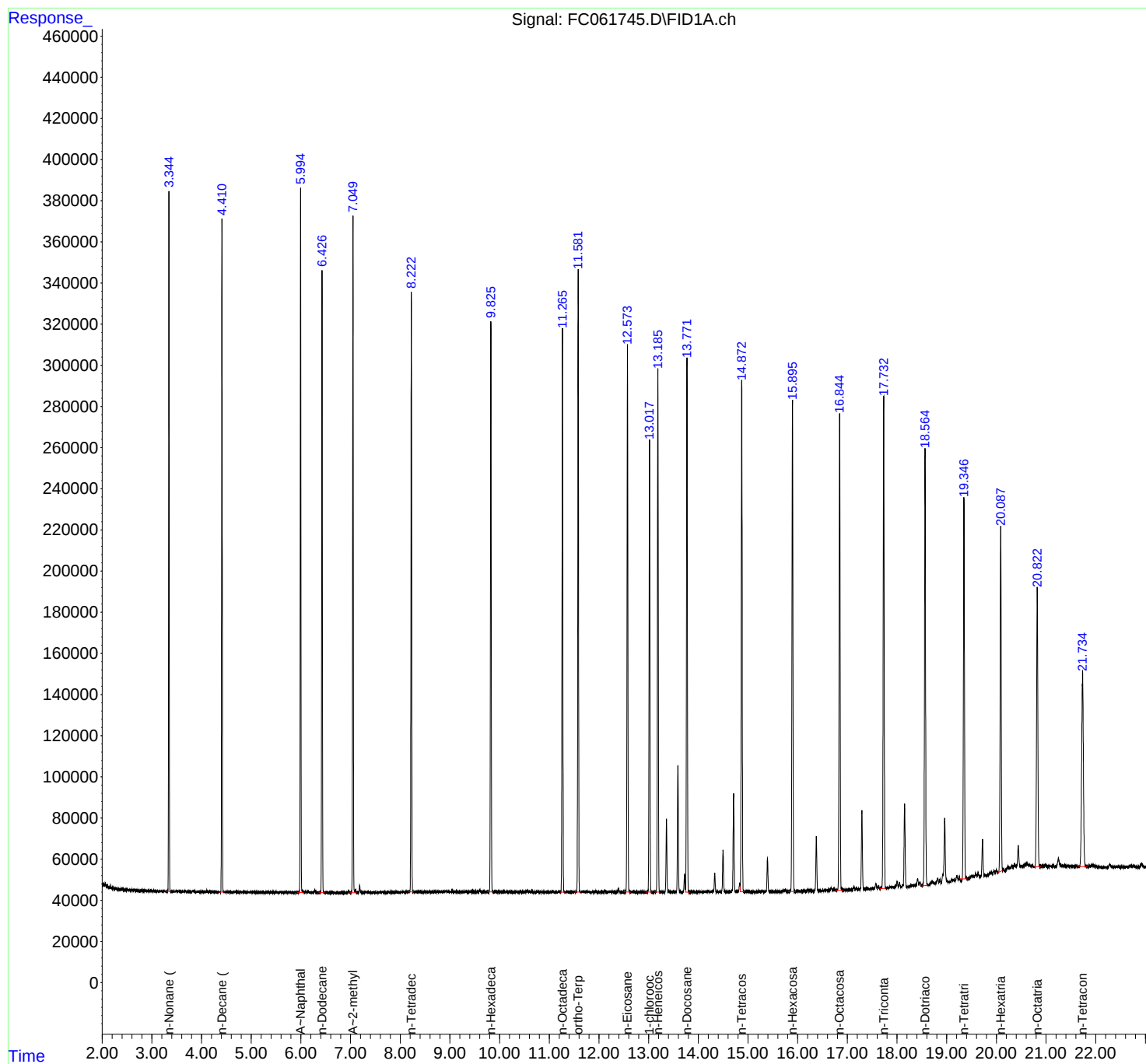
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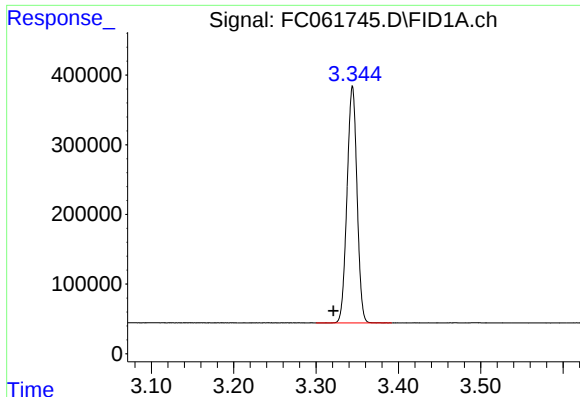
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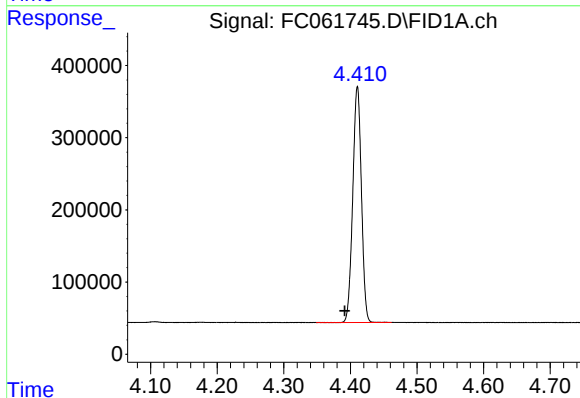




#1 n-Nonane (C9)

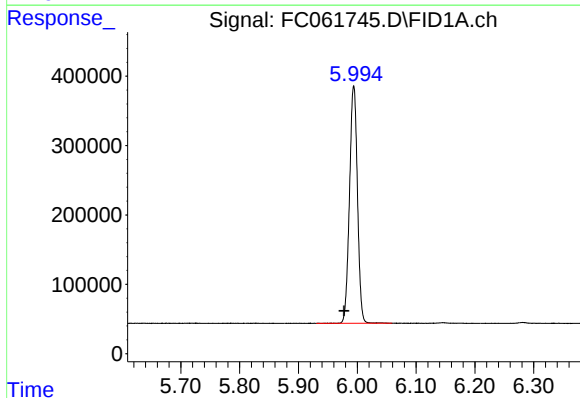
R.T.: 3.344 min
Delta R.T.: 0.023 min
Response: 2861441
Conc: 19.17 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



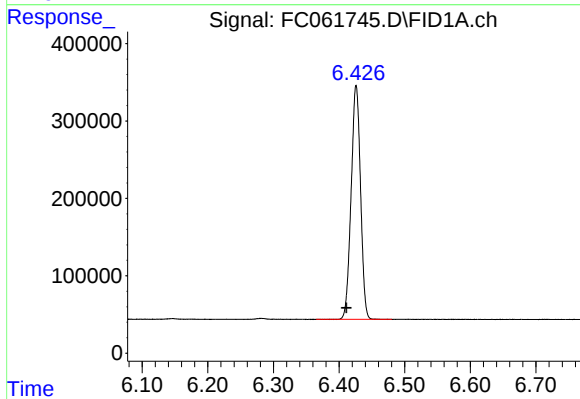
#2 n-Decane (C10)

R.T.: 4.411 min
Delta R.T.: 0.019 min
Response: 2954392
Conc: 19.59 ug/ml



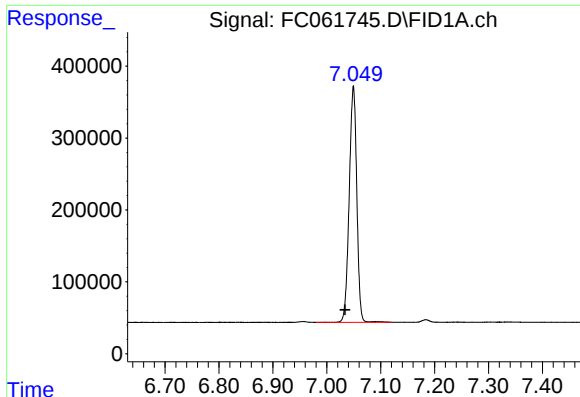
#3 A~Naphthalene (C11.7)

R.T.: 5.994 min
Delta R.T.: 0.017 min
Response: 3212755
Conc: 19.37 ug/ml



#4 n-Dodecane (C12)

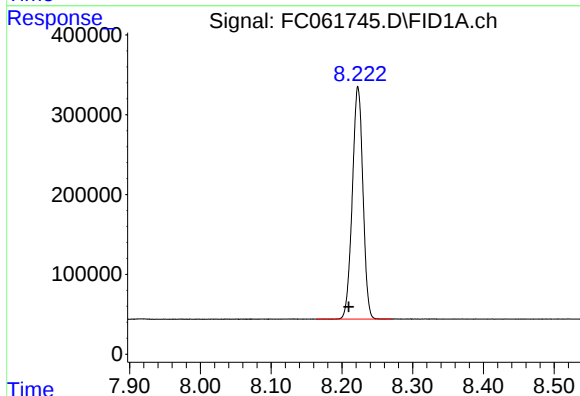
R.T.: 6.426 min
Delta R.T.: 0.015 min
Response: 3007343
Conc: 19.78 ug/ml



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

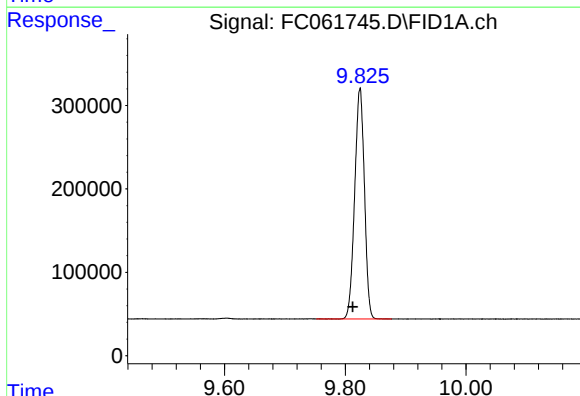
R.T.: 7.049 min
Delta R.T.: 0.015 min
Response: 3202377
Conc: 19.47 ug/ml

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20 PPM ALIPHATIC HC STD



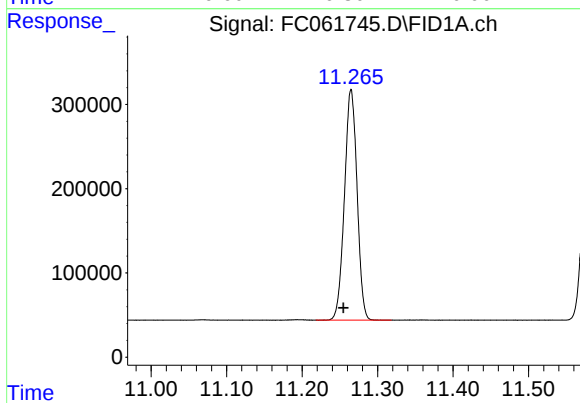
#6 n-Tetradecane (C14)

R.T.: 8.223 min
Delta R.T.: 0.013 min
Response: 3035374
Conc: 19.91 ug/ml



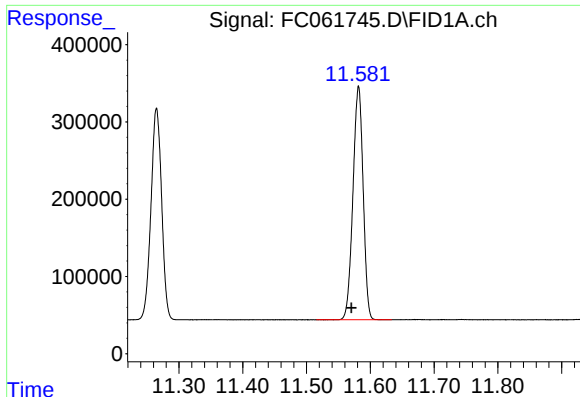
#7 n-Hexadecane (C16)

R.T.: 9.824 min
Delta R.T.: 0.012 min
Response: 3101542
Conc: 20.06 ug/ml



#8 n-Octadecane (C18)

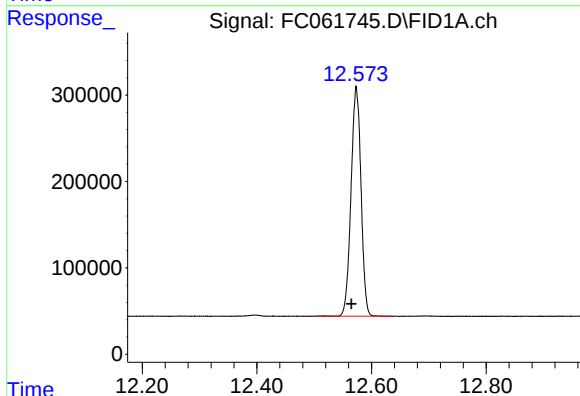
R.T.: 11.265 min
Delta R.T.: 0.010 min
Response: 3177558
Conc: 20.16 ug/ml



#9 ortho-Terphenyl (SURR)

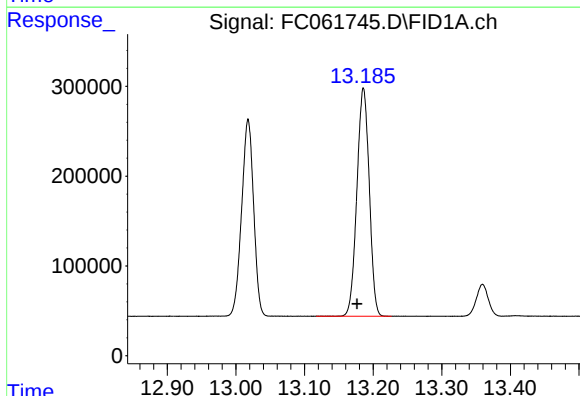
R.T.: 11.581 min
Delta R.T.: 0.011 min
Response: 3355311
Conc: 19.63 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



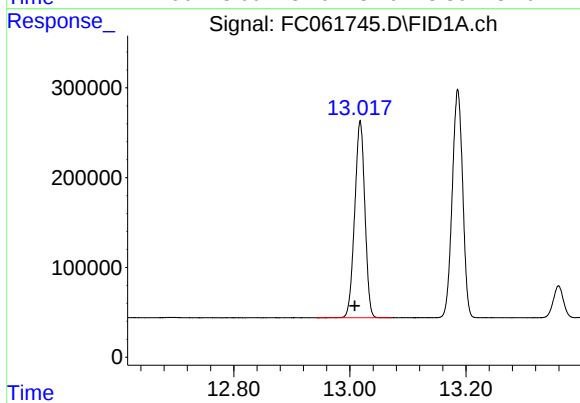
#10 n-Eicosane (C20)

R.T.: 12.574 min
Delta R.T.: 0.009 min
Response: 3206121
Conc: 20.12 ug/ml



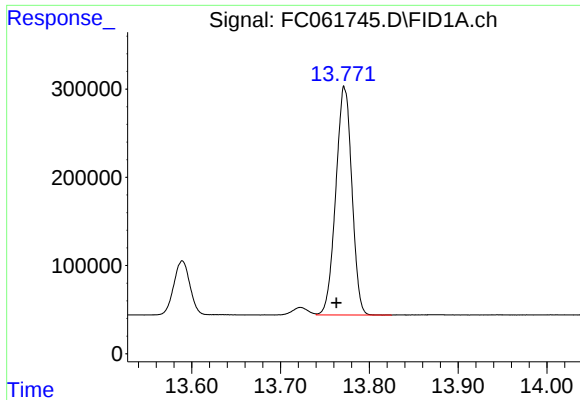
#11 n-Heneicosane (C21)

R.T.: 13.186 min
Delta R.T.: 0.009 min
Response: 3178452
Conc: 19.81 ug/ml



#12 1-chlorooctadecane (SURR)

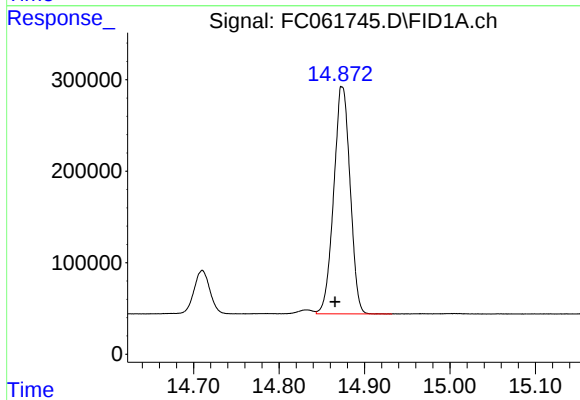
R.T.: 13.018 min
Delta R.T.: 0.009 min
Response: 2663361
Conc: 19.50 ug/ml



#13 n-Docosane (C22)

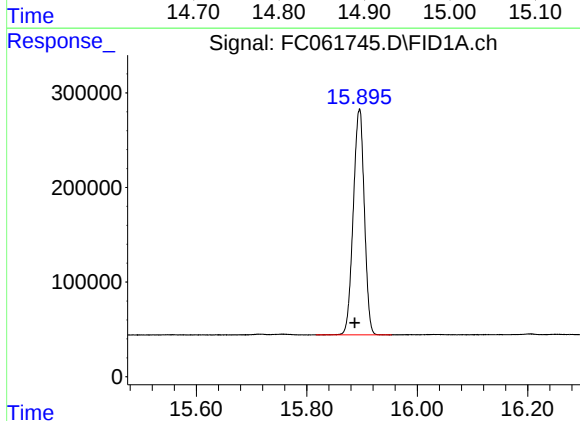
R.T.: 13.772 min
Delta R.T.: 0.009 min
Response: 3254738
Conc: 20.26 ug/ml

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20 PPM ALIPHATIC HC STD



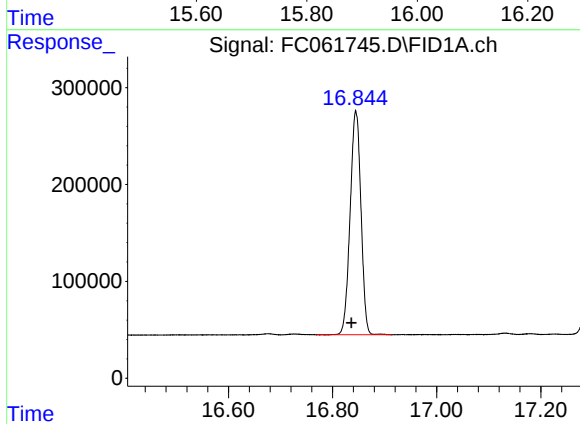
#14 n-Tetracosane (C24)

R.T.: 14.874 min
Delta R.T.: 0.008 min
Response: 3311767
Conc: 20.67 ug/ml



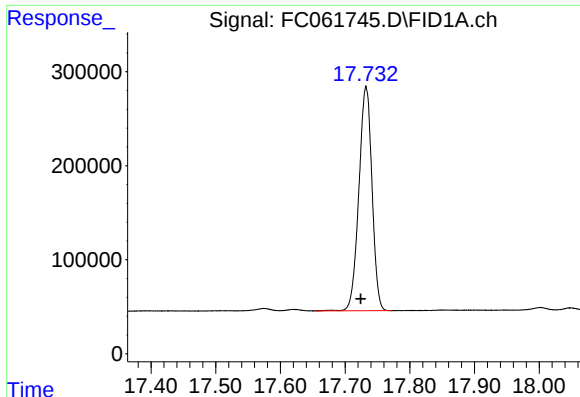
#15 n-Hexacosane (C26)

R.T.: 15.895 min
Delta R.T.: 0.008 min
Response: 3318840
Conc: 20.94 ug/ml



#16 n-Octacosane (C28)

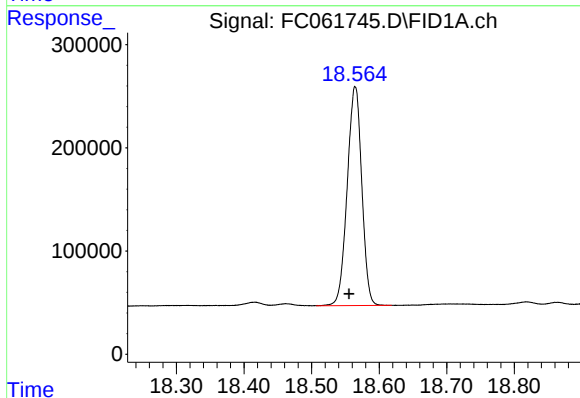
R.T.: 16.845 min
Delta R.T.: 0.009 min
Response: 3334223
Conc: 21.51 ug/ml



#17 n-Tricontane (C30)

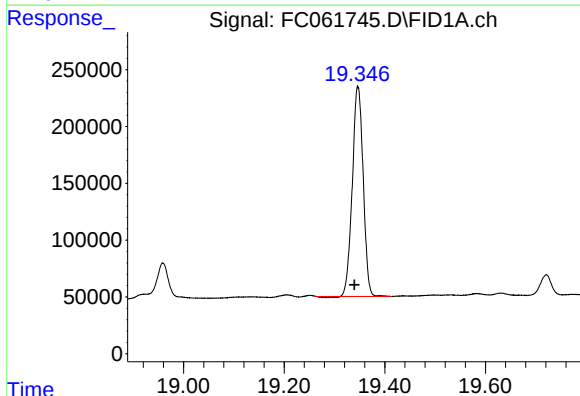
R.T.: 17.732 min
Delta R.T.: 0.008 min
Response: 3354238
Conc: 21.80 ug/ml

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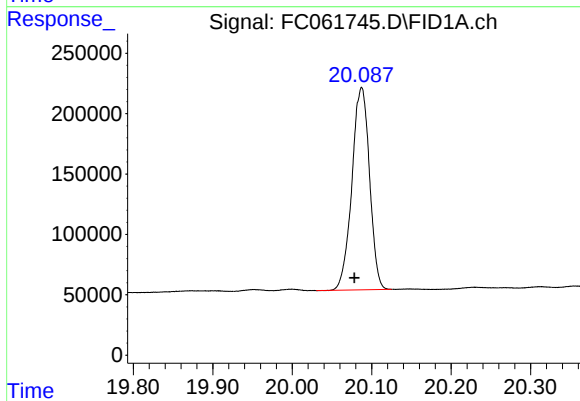
#18 n-Dotriacontane (C32)

R.T.: 18.564 min
Delta R.T.: 0.009 min
Response: 3180470
Conc: 21.03 ug/ml



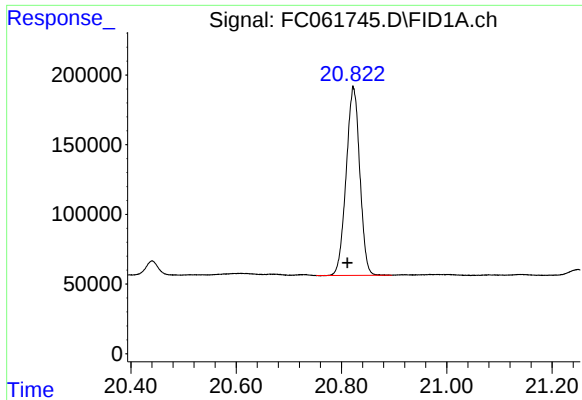
#19 n-Tetratriacontane (C34)

R.T.: 19.347 min
Delta R.T.: 0.007 min
Response: 2769871
Conc: 19.53 ug/ml



#20 n-Hexatriacontane (C36)

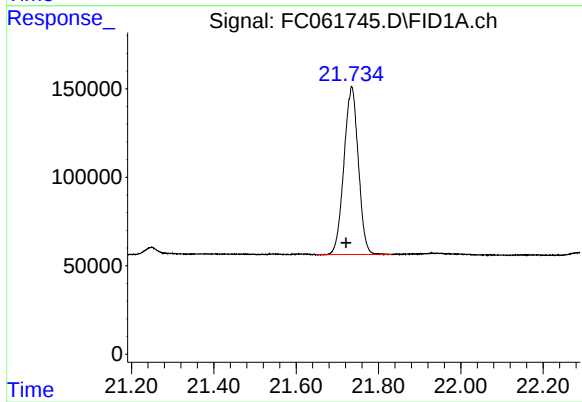
R.T.: 20.087 min
Delta R.T.: 0.009 min
Response: 2580854
Conc: 18.69 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.823 min
Delta R.T.: 0.011 min
Response: 2425651
Conc: 18.73 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.735 min
Delta R.T.: 0.014 min
Response: 2298249
Conc: 18.81 ug/ml