

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC101222AL\
 Data File : FC061766.D
 Signal(s) : FID1A.ch
 Acq On : 12 Oct 2022 10:37
 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 13 07:38:26 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)	11.586	3360505	19.664 ug/ml
Spiked Amount 50.000		Recovery =	39.33%
12) S 1-chlorooctadecane (S...	13.023	2666900	19.522 ug/ml
Spiked Amount 50.000		Recovery =	39.04%
Target Compounds			
1) T n-Nonane (C9)	3.346	2959359	19.826 ug/ml
2) T n-Decane (C10)	4.413	3075778	20.391 ug/ml
3) T A~Naphthalene (C11.7)	5.998	3342052	20.153 ug/ml
4) T n-Dodecane (C12)	6.428	3130852	20.590 ug/ml
5) T A~2-methylnaphthalene...	7.053	3303479	20.083 ug/ml
6) T n-Tetradecane (C14)	8.225	3171385	20.802 ug/ml
7) T n-Hexadecane (C16)	9.828	3220419	20.827 ug/ml
8) T n-Octadecane (C18)	11.269	3255730	20.652 ug/ml
10) T n-Eicosane (C20)	12.578	3238686	20.324 ug/ml
11) T n-Heneicosane (C21)	13.191	3173217	19.778 ug/ml
13) T n-Docosane (C22)	13.776	3224297	20.069 ug/ml
14) T n-Tetracosane (C24)	14.880	3228761	20.155 ug/ml
15) T n-Hexacosane (C26)	15.901	3195366	20.156 ug/ml
16) T n-Octacosane (C28)	16.850	3210830	20.715 ug/ml
17) T n-Tricontane (C30)	17.738	3318136	21.562 ug/ml
18) T n-Dotriacontane (C32)	18.569	3235553	21.399 ug/ml
19) T n-Tetratriacontane (C34)	19.353	2898733	20.444 ug/ml
20) T n-Hexatriacontane (C36)	20.092	2738757	19.838 ug/ml
21) T n-Octatriacontane (C38)	20.827	2776844	21.442 ug/ml
22) T n-Tetracontane (C40)	21.741	2465166	20.172 ug/ml

(f)=RT Delta > 1/2 Window

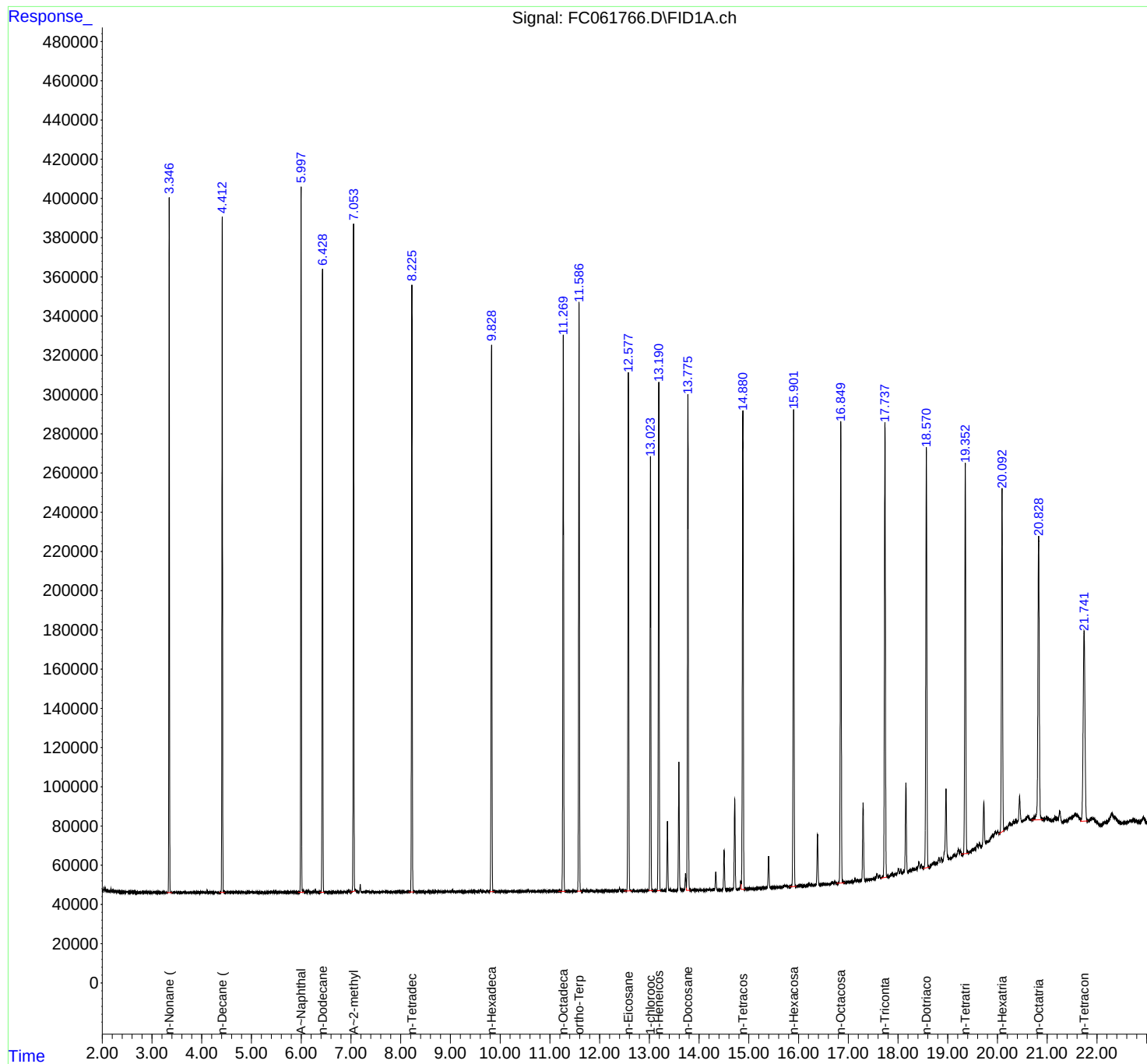
(m)=manual int.

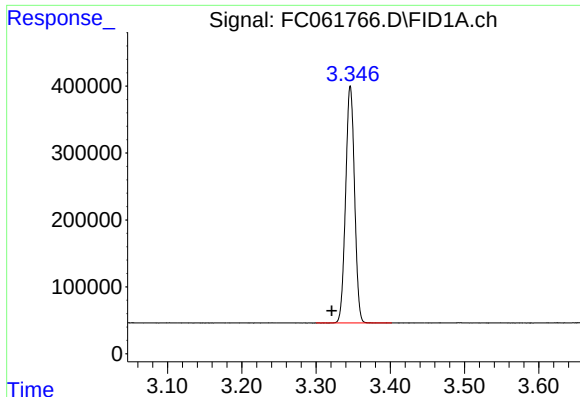
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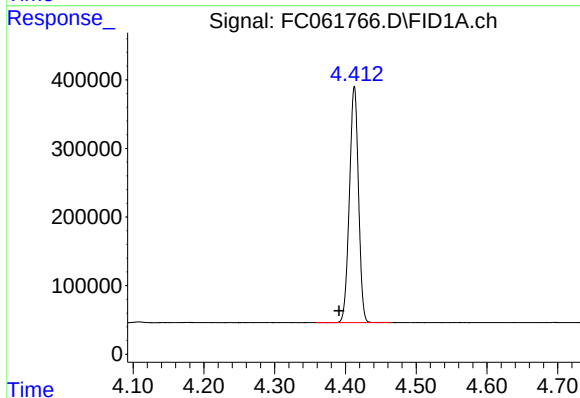




#1 n-Nonane (C9)

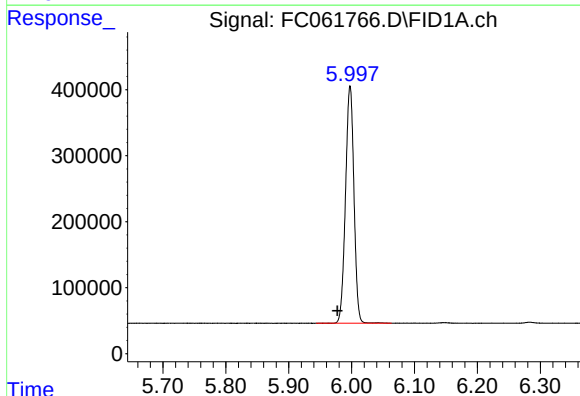
R.T.: 3.346 min
Delta R.T.: 0.025 min
Response: 2959359
Conc: 19.83 ug/ml

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FID_C
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20 PPM ALIPHATIC HC STD



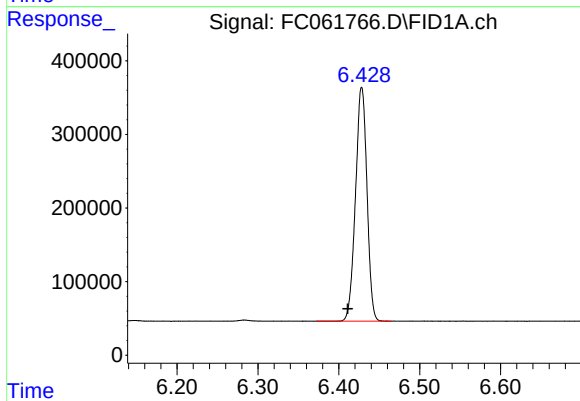
#2 n-Decane (C10)

R.T.: 4.413 min
Delta R.T.: 0.021 min
Response: 3075778
Conc: 20.39 ug/ml



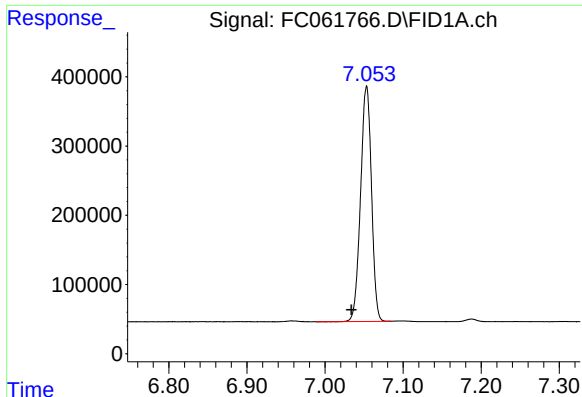
#3 A~Naphthalene (C11.7)

R.T.: 5.998 min
Delta R.T.: 0.020 min
Response: 3342052
Conc: 20.15 ug/ml



#4 n-Dodecane (C12)

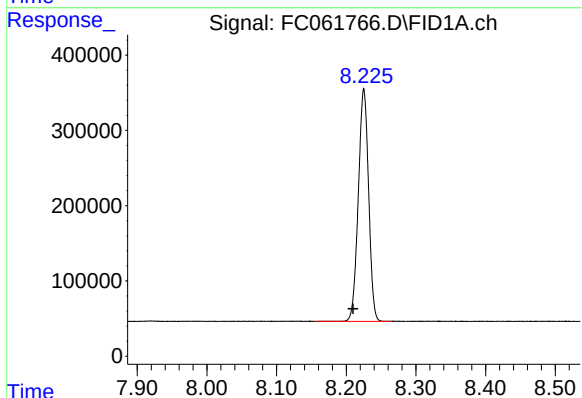
R.T.: 6.428 min
Delta R.T.: 0.017 min
Response: 3130852
Conc: 20.59 ug/ml



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

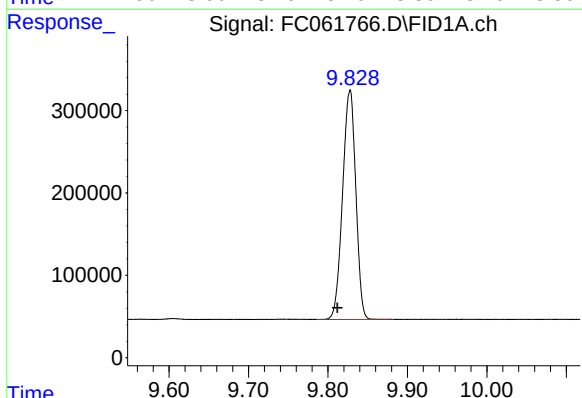
R.T.: 7.053 min
Delta R.T.: 0.019 min
Response: 3303479
Conc: 20.08 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



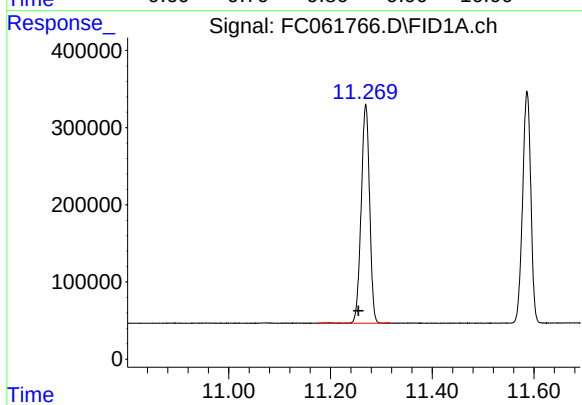
#6 n-Tetradecane (C14)

R.T.: 8.225 min
Delta R.T.: 0.016 min
Response: 3171385
Conc: 20.80 ug/ml



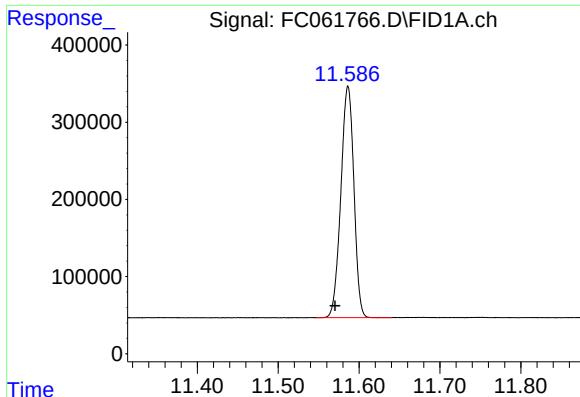
#7 n-Hexadecane (C16)

R.T.: 9.828 min
Delta R.T.: 0.015 min
Response: 3220419
Conc: 20.83 ug/ml



#8 n-Octadecane (C18)

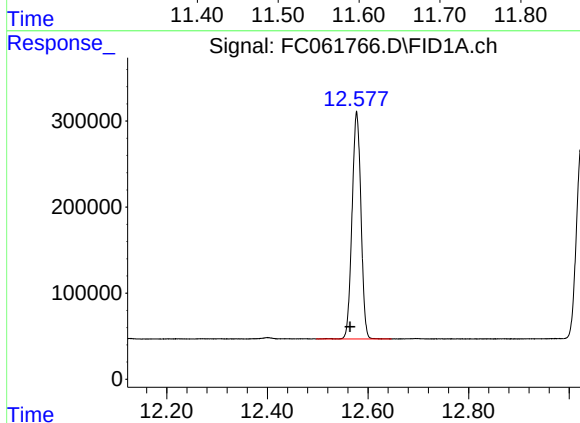
R.T.: 11.269 min
Delta R.T.: 0.014 min
Response: 3255730
Conc: 20.65 ug/ml



#9 ortho-Terphenyl (SURR)

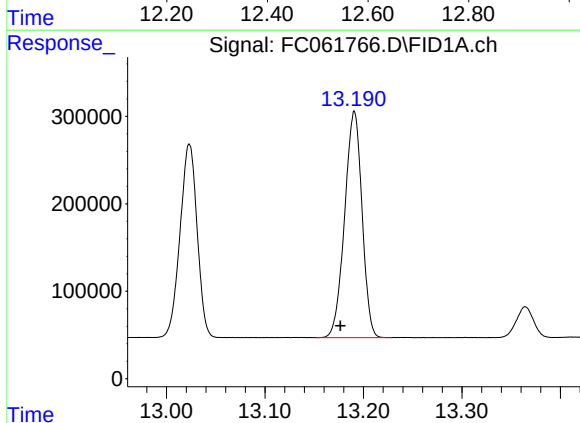
R.T.: 11.586 min
Delta R.T.: 0.016 min
Response: 3360505
Conc: 19.66 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



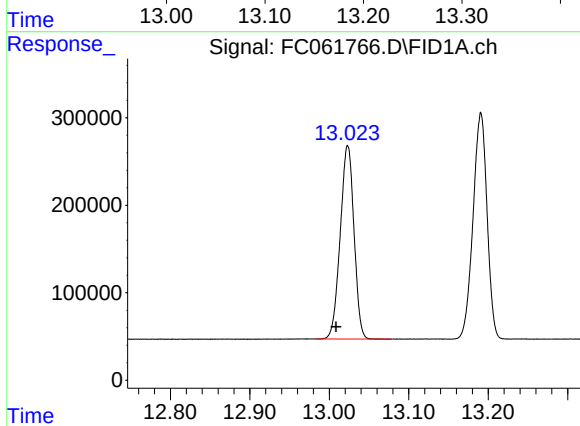
#10 n-Eicosane (C20)

R.T.: 12.578 min
Delta R.T.: 0.013 min
Response: 3238686
Conc: 20.32 ug/ml



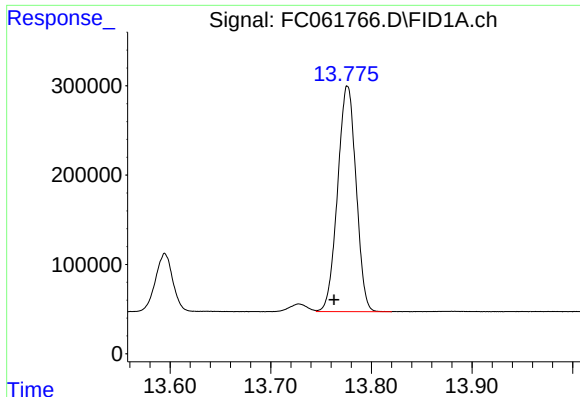
#11 n-Heneicosane (C21)

R.T.: 13.191 min
Delta R.T.: 0.014 min
Response: 3173217
Conc: 19.78 ug/ml



#12 1-chlorooctadecane (SURR)

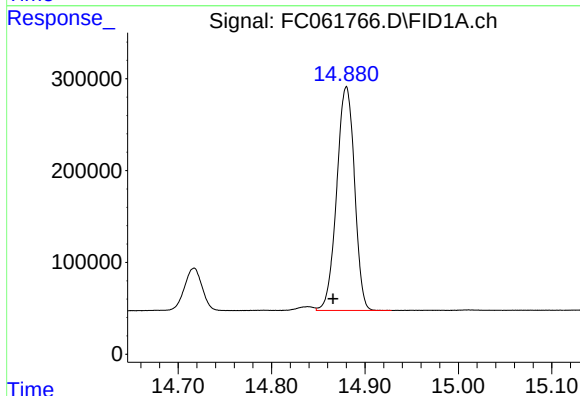
R.T.: 13.023 min
Delta R.T.: 0.015 min
Response: 2666900
Conc: 19.52 ug/ml



#13 n-Docosane (C22)

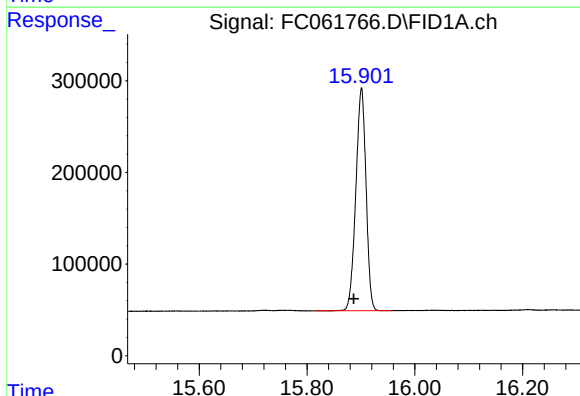
R.T.: 13.776 min
Delta R.T.: 0.013 min
Response: 3224297
Conc: 20.07 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



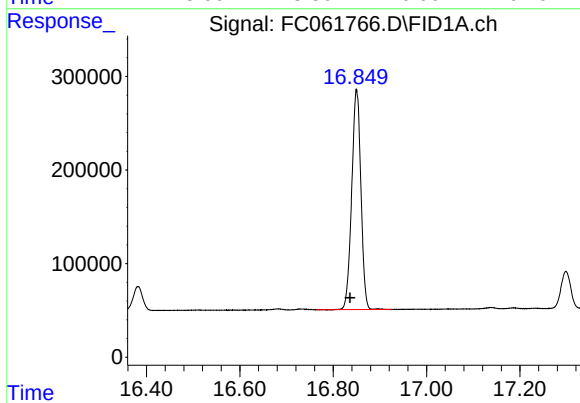
#14 n-Tetracosane (C24)

R.T.: 14.880 min
Delta R.T.: 0.014 min
Response: 3228761
Conc: 20.16 ug/ml



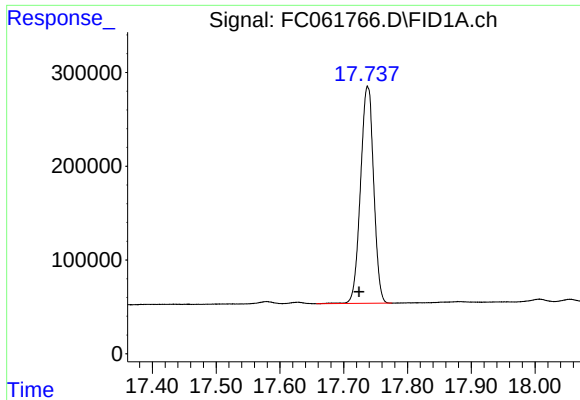
#15 n-Hexacosane (C26)

R.T.: 15.901 min
Delta R.T.: 0.014 min
Response: 3195366
Conc: 20.16 ug/ml



#16 n-Octacosane (C28)

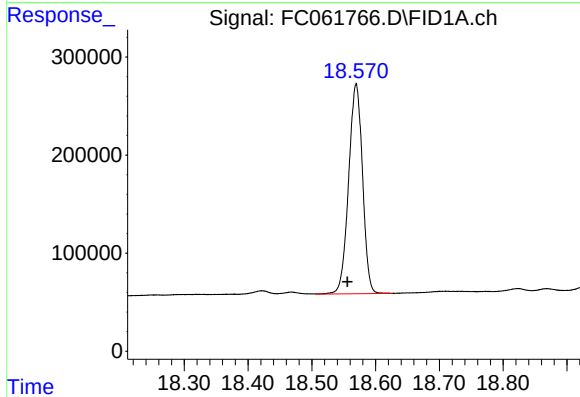
R.T.: 16.850 min
Delta R.T.: 0.014 min
Response: 3210830
Conc: 20.72 ug/ml



#17 n-Tricontane (C30)

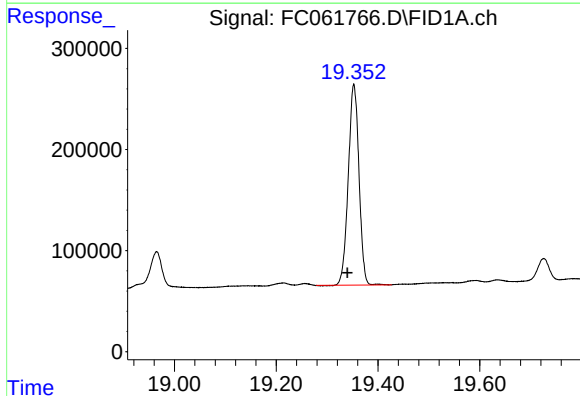
R.T.: 17.738 min
Delta R.T.: 0.013 min
Response: 3318136
Conc: 21.56 ug/ml

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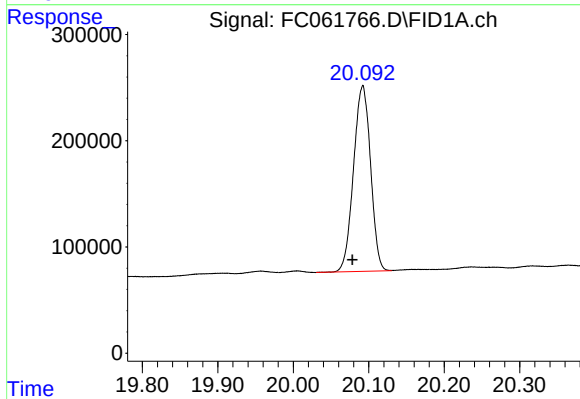
#18 n-Dotriacontane (C32)

R.T.: 18.569 min
Delta R.T.: 0.014 min
Response: 3235553
Conc: 21.40 ug/ml



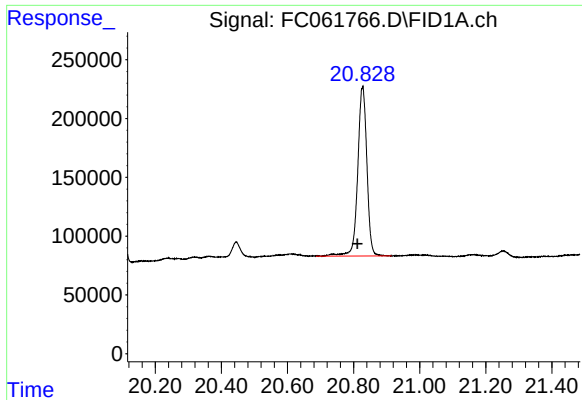
#19 n-Tetratriacontane (C34)

R.T.: 19.353 min
Delta R.T.: 0.013 min
Response: 2898733
Conc: 20.44 ug/ml



#20 n-Hexatriacontane (C36)

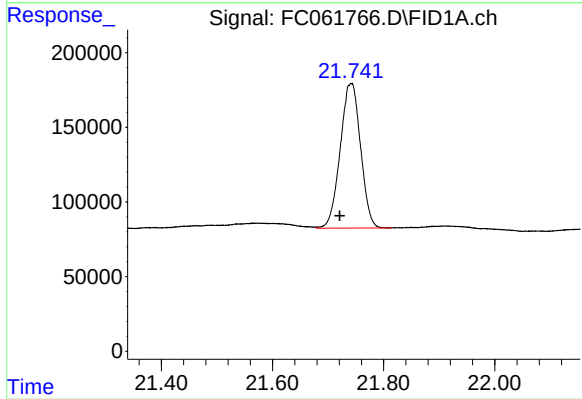
R.T.: 20.092 min
Delta R.T.: 0.014 min
Response: 2738757
Conc: 19.84 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.827 min
Delta R.T.: 0.016 min
Response: 2776844
Conc: 21.44 ug/ml

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FID_C
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#22 n-Tetracontane (C40)

R.T.: 21.741 min
Delta R.T.: 0.020 min
Response: 2465166
Conc: 20.17 ug/ml