

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC071023AL\
 Data File : FC064085.D
 Signal(s) : FID1A.ch
 Acq On : 10 Jul 2023 19:14
 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

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/11/2023
 Supervised By :Ankita Jodhani 07/11/2023

Integration File: autoint1.e
 Quant Time: Jul 11 03:02:12 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 062423.M
 Quant Title : GC Extractables
 QLast Update : Sun Jun 25 04:03:48 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)	11.521	3686868	18.989 ug/ml
Spiked Amount 50.000		Recovery =	37.98%
12) S 1-chlorooctadecane (S...	12.957	2652491	19.065 ug/ml
Spiked Amount 50.000		Recovery =	38.13%
Target Compounds			
1) T n-Nonane (C9)	3.307	3440831	19.293 ug/ml
2) T n-Decane (C10)	4.369	3477796	19.219 ug/ml
3) T A~Naphthalene (C11.7)	5.949	3578036	19.182 ug/ml
4) T n-Dodecane (C12)	6.382	3455589	19.182 ug/ml
5) T A~2-methylnaphthalene...	7.004	3368285	19.139 ug/ml
6) T n-Tetradecane (C14)	8.172	3317309	19.176 ug/ml
7) T n-Hexadecane (C16)	9.770	3317179	19.096 ug/ml
8) T n-Octadecane (C18)	11.208	3276362	19.010 ug/ml
10) T n-Eicosane (C20)	12.513	3085697	18.902 ug/ml
11) T n-Heneicosane (C21)	13.124	3002313	18.738 ug/ml
13) T n-Docosane (C22)	13.708	2954248	18.801 ug/ml
14) T n-Tetracosane (C24)	14.808	2895416	18.369 ug/ml
15) T n-Hexacosane (C26)	15.826	2825715	18.703 ug/ml
16) T n-Octacosane (C28)	16.774	2761775	18.329 ug/ml
17) T n-Tricontane (C30)	17.657	2814741	18.029 ug/ml
18) T n-Dotriacontane (C32)	18.487	2797346	17.707 ug/ml
19) T n-Tetratriacontane (C34)	19.267	2779862	18.065 ug/ml
20) T n-Hexatriacontane (C36)	20.002	2733186	18.513 ug/mlm
21) T n-Octatriacontane (C38)	20.729	2759153	18.627 ug/ml
22) T n-Tetracontane (C40)	21.619	2750625	18.871 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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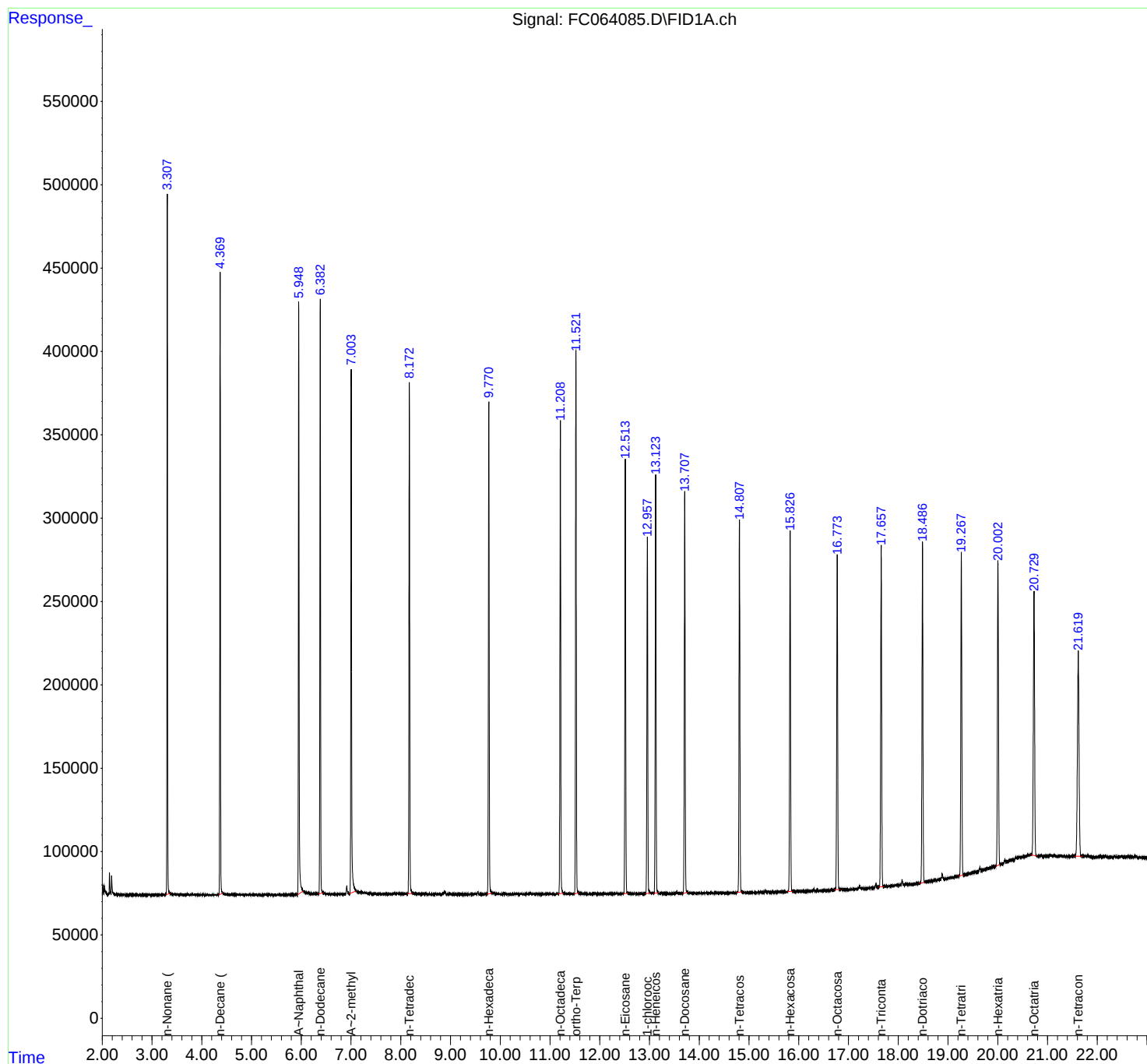
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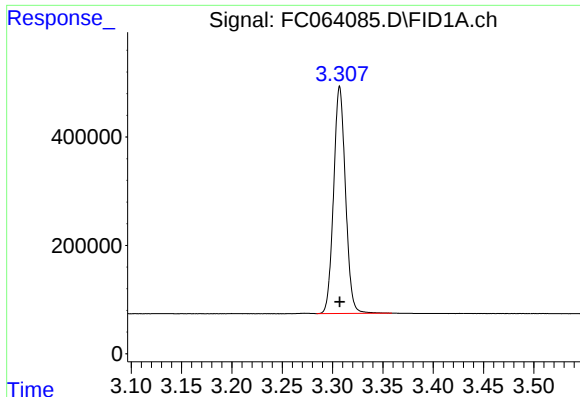
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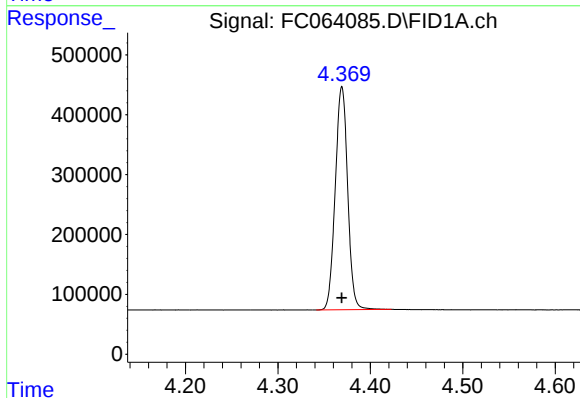
#1 n-Nonane (C9)

R.T.: 3.307 min
Delta R.T.: 0.000 min
Response: 3440831
Conc: 19.29 ug/ml

Instrument :
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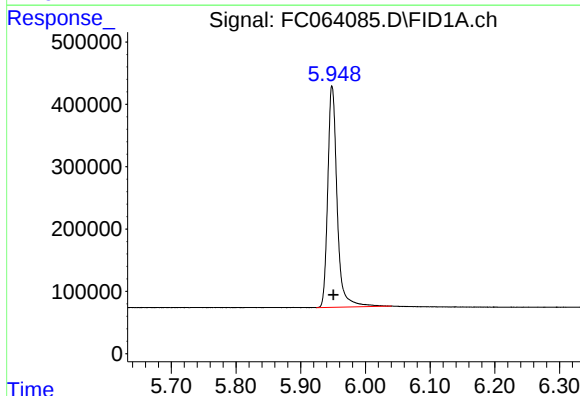
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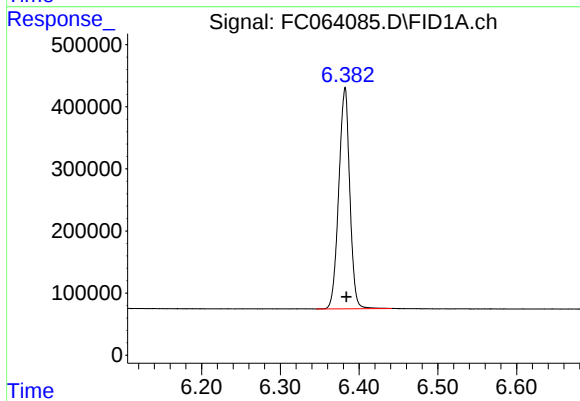
#2 n-Decane (C10)

R.T.: 4.369 min
Delta R.T.: 0.000 min
Response: 3477796
Conc: 19.22 ug/ml



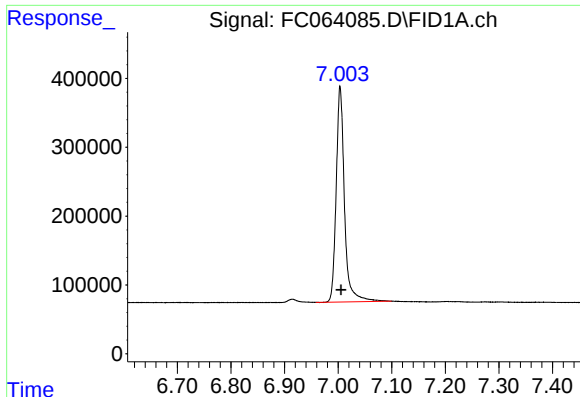
#3 A~Naphthalene (C11.7)

R.T.: 5.949 min
Delta R.T.: -0.002 min
Response: 3578036
Conc: 19.18 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.382 min
Delta R.T.: -0.002 min
Response: 3455589
Conc: 19.18 ug/ml



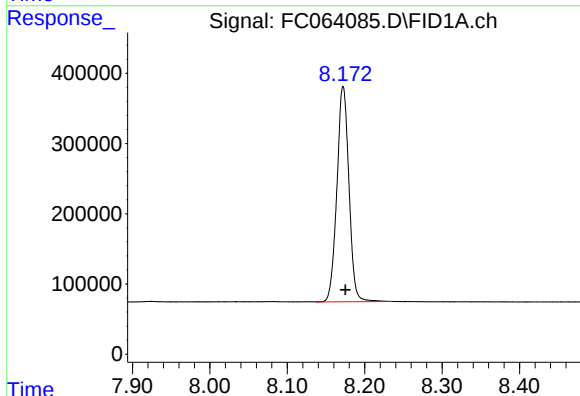
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.004 min
Delta R.T.: -0.002 min
Response: 3368285
Conc: 19.14 ug/ml

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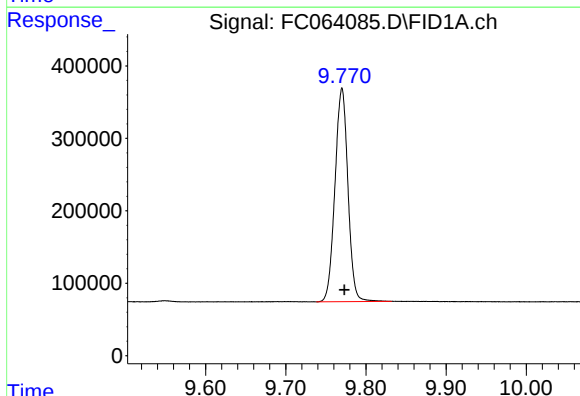
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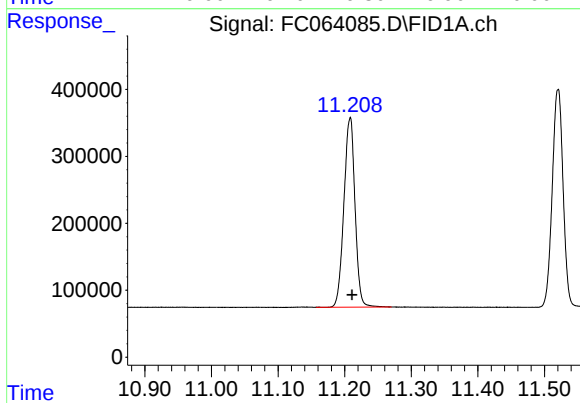
#6 n-Tetradecane (C14)

R.T.: 8.172 min
Delta R.T.: -0.003 min
Response: 3317309
Conc: 19.18 ug/ml



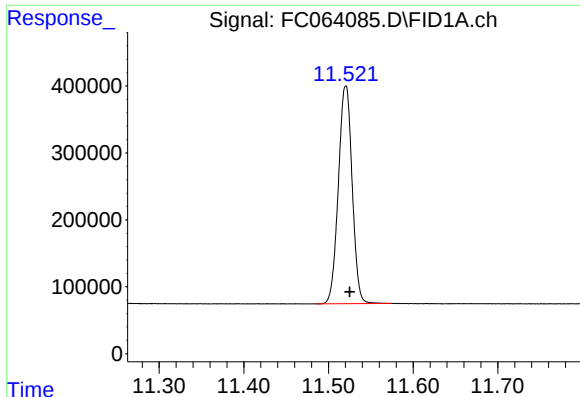
#7 n-Hexadecane (C16)

R.T.: 9.770 min
Delta R.T.: -0.003 min
Response: 3317179
Conc: 19.10 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.208 min
Delta R.T.: -0.003 min
Response: 3276362
Conc: 19.01 ug/ml



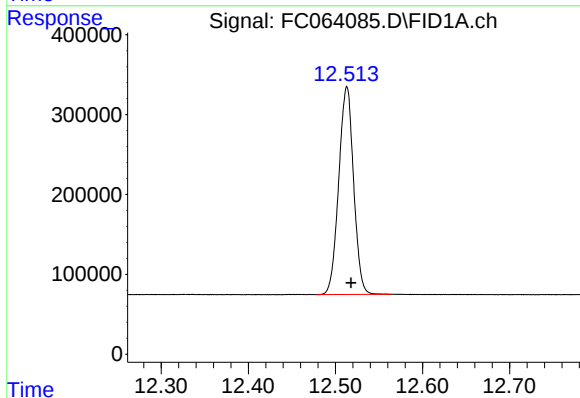
#9 ortho-Terphenyl (SURR)

R.T.: 11.521 min
Delta R.T.: -0.005 min
Response: 3686868
Conc: 18.99 ug/ml

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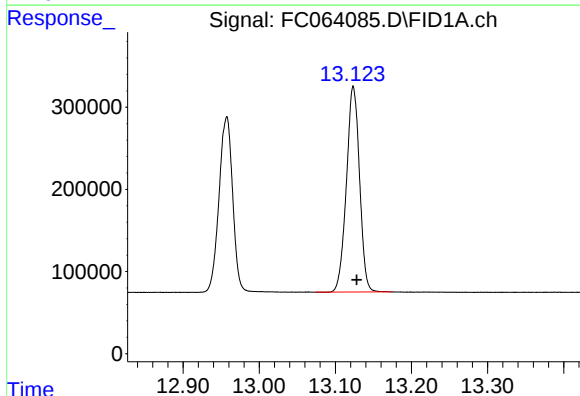
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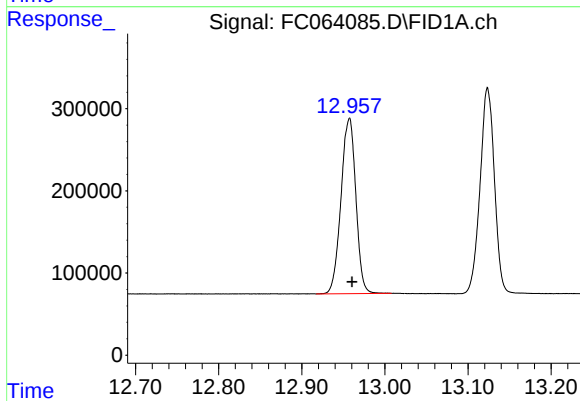
#10 n-Eicosane (C20)

R.T.: 12.513 min
Delta R.T.: -0.005 min
Response: 3085697
Conc: 18.90 ug/ml



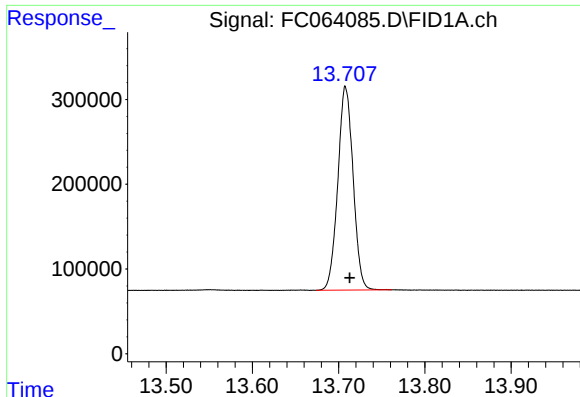
#11 n-Heneicosane (C21)

R.T.: 13.124 min
Delta R.T.: -0.004 min
Response: 3002313
Conc: 18.74 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.957 min
Delta R.T.: -0.003 min
Response: 2652491
Conc: 19.06 ug/ml



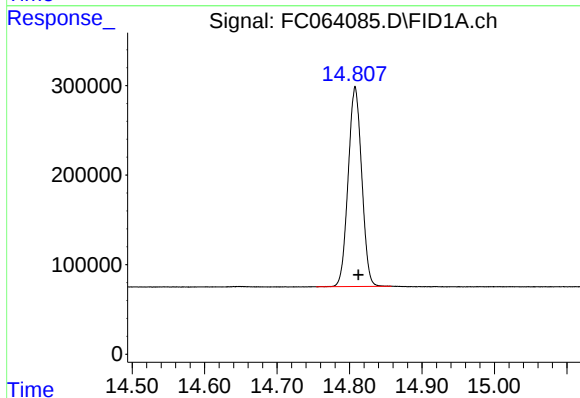
#13 n-Docosane (C22)

R.T.: 13.708 min
Delta R.T.: -0.005 min
Response: 2954248
Conc: 18.80 ug/ml

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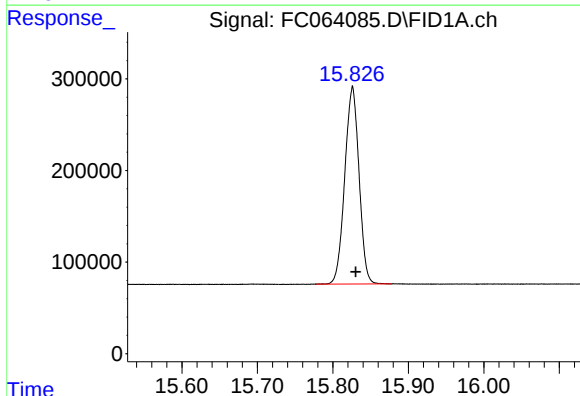
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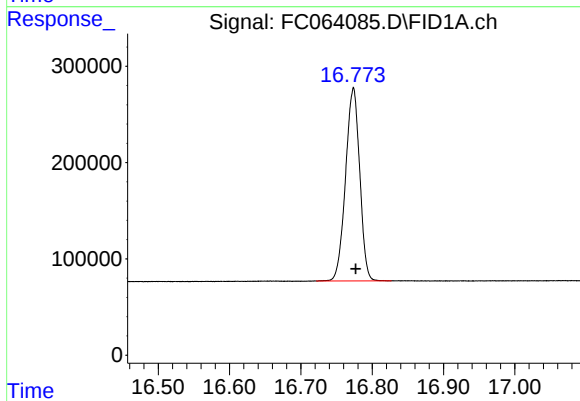
#14 n-Tetracosane (C24)

R.T.: 14.808 min
Delta R.T.: -0.004 min
Response: 2895416
Conc: 18.37 ug/ml



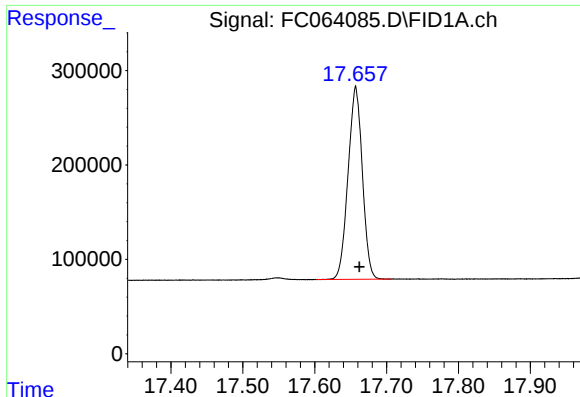
#15 n-Hexacosane (C26)

R.T.: 15.826 min
Delta R.T.: -0.004 min
Response: 2825715
Conc: 18.70 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.774 min
Delta R.T.: -0.003 min
Response: 2761775
Conc: 18.33 ug/ml



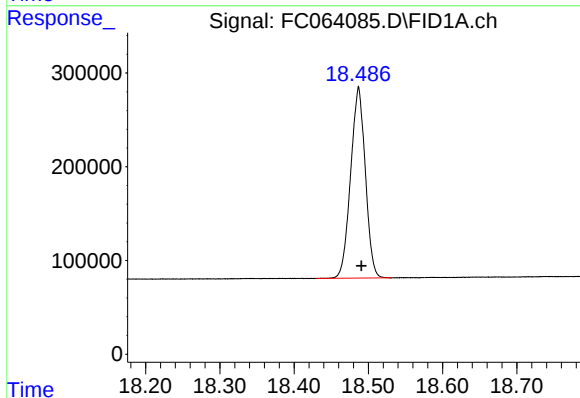
#17 n-Tricontane (C30)

R.T.: 17.657 min
Delta R.T.: -0.005 min
Response: 2814741
Conc: 18.03 ug/ml

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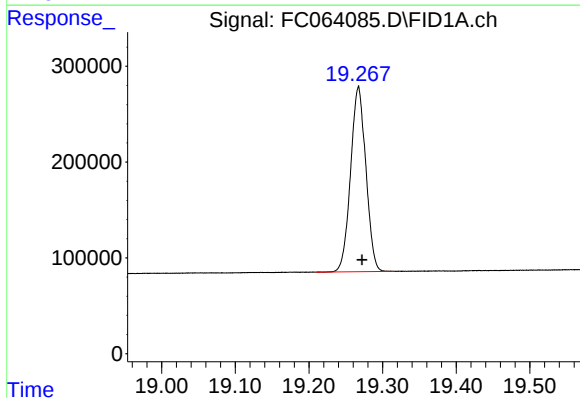
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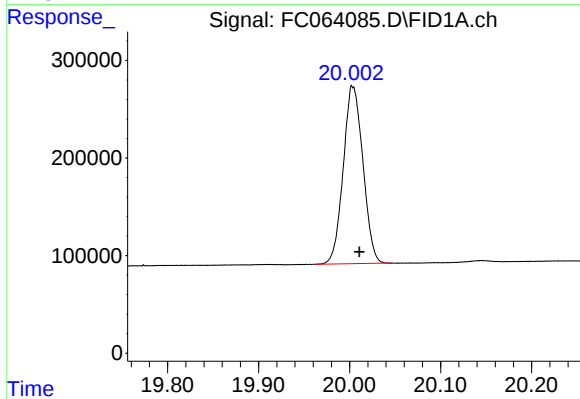
#18 n-Dotriacontane (C32)

R.T.: 18.487 min
Delta R.T.: -0.004 min
Response: 2797346
Conc: 17.71 ug/ml



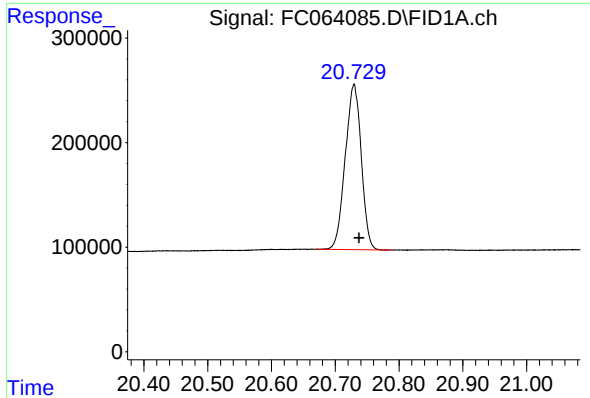
#19 n-Tetratriacontane (C34)

R.T.: 19.267 min
Delta R.T.: -0.005 min
Response: 2779862
Conc: 18.07 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.002 min
Delta R.T.: -0.009 min
Response: 2733186
Conc: 18.51 ug/ml m



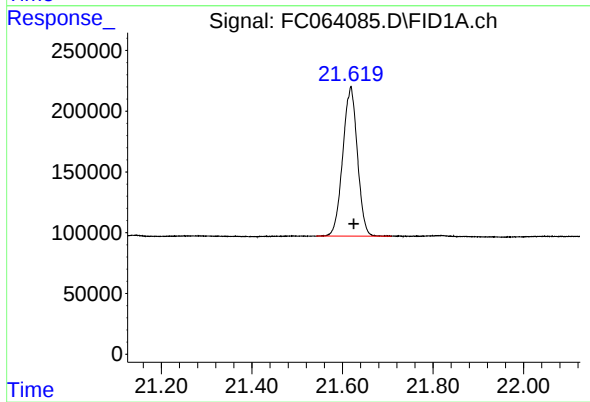
#21 n-Octatriacontane (C38)

R.T.: 20.729 min
Delta R.T.: -0.008 min
Response: 2759153
Conc: 18.63 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.619 min
Delta R.T.: -0.007 min
Response: 2750625
Conc: 18.87 ug/ml