

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC071123AL\
 Data File : FC064088.D
 Signal(s) : FID1A.ch
 Acq On : 11 Jul 2023 07:02
 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 07/12/2023
 Supervised By :Ankita Jodhani 07/12/2023

Integration File: autoint1.e
 Quant Time: Jul 12 01:54:24 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)	11.520	3666124	18.882 ug/ml
Spiked Amount 50.000		Recovery =	37.76%
12) S 1-chlorooctadecane (S...	12.955	2617501	18.813 ug/ml
Spiked Amount 50.000		Recovery =	37.63%
Target Compounds			
1) T n-Nonane (C9)	3.302	3421442	19.184 ug/ml
2) T n-Decane (C10)	4.366	3455265	19.095 ug/ml
3) T A~Naphthalene (C11.7)	5.947	3535941	18.956 ug/ml
4) T n-Dodecane (C12)	6.380	3441178	19.102 ug/ml
5) T A~2-methylnaphthalene...	7.002	3341144	18.985 ug/ml
6) T n-Tetradecane (C14)	8.172	3312096	19.146 ug/ml
7) T n-Hexadecane (C16)	9.769	3310018	19.055 ug/ml
8) T n-Octadecane (C18)	11.208	3250090	18.858 ug/ml
10) T n-Eicosane (C20)	12.514	3070318	18.808 ug/ml
11) T n-Heneicosane (C21)	13.123	2982311	18.614 ug/ml
13) T n-Docosane (C22)	13.707	2933511	18.669 ug/ml
14) T n-Tetracosane (C24)	14.808	2882503	18.287 ug/ml
15) T n-Hexacosane (C26)	15.825	2815074	18.632 ug/ml
16) T n-Octacosane (C28)	16.771	2747397	18.233 ug/ml
17) T n-Tricontane (C30)	17.656	2804776	17.965 ug/ml
18) T n-Dotriacontane (C32)	18.486	2794993	17.692 ug/ml
19) T n-Tetratriacontane (C34)	19.265	2774981	18.034 ug/ml
20) T n-Hexatriacontane (C36)	20.003	2728474	18.481 ug/mlm
21) T n-Octatriacontane (C38)	20.724	2756725	18.610 ug/ml
22) T n-Tetracontane (C40)	21.612	2727322	18.711 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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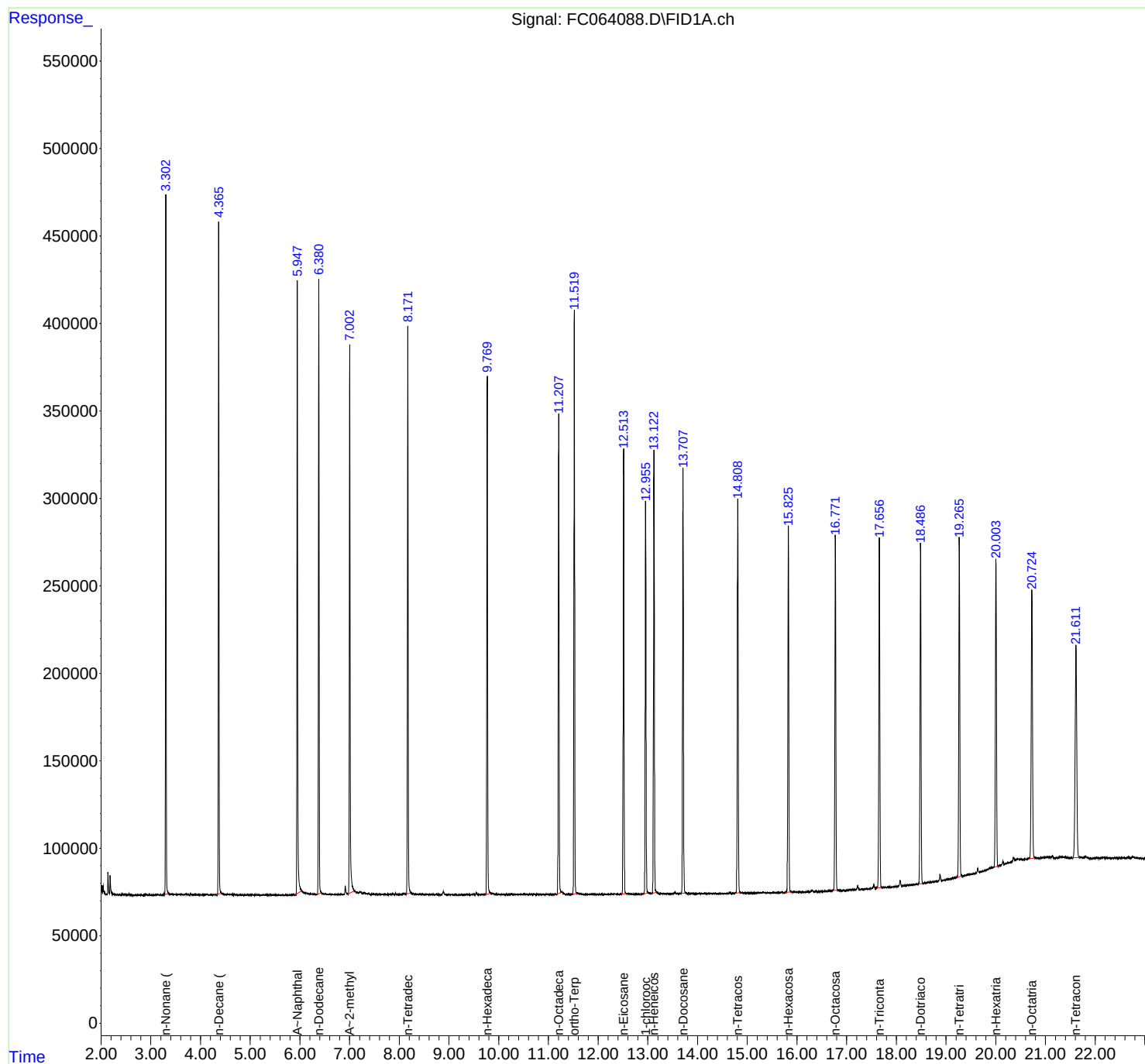
Instrument :
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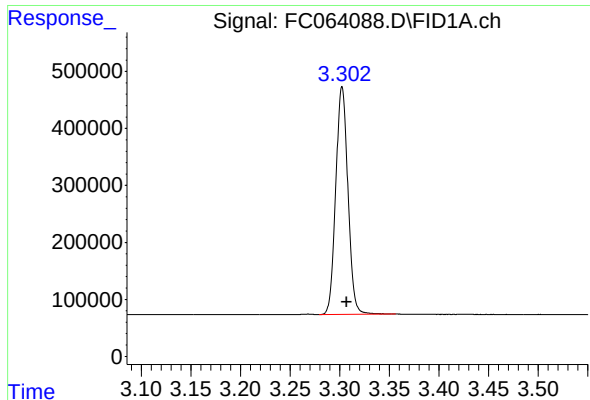
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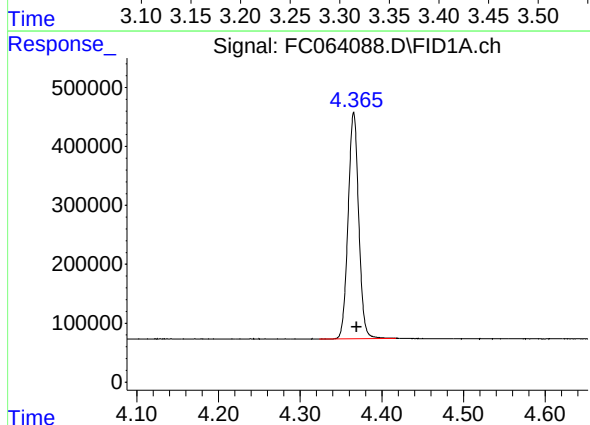
#1 n-Nonane (C9)

R.T.: 3.302 min
Delta R.T.: -0.005 min
Response: 3421442
Conc: 19.18 ug/ml

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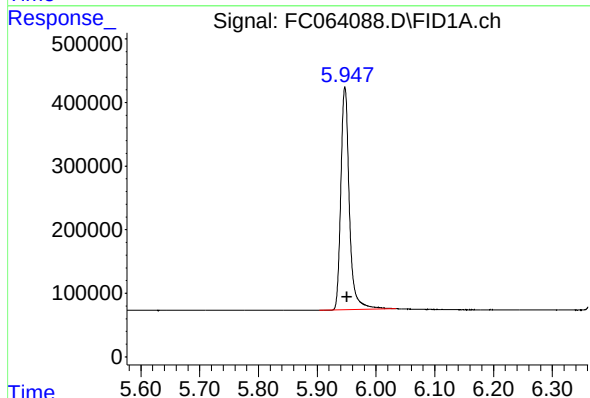
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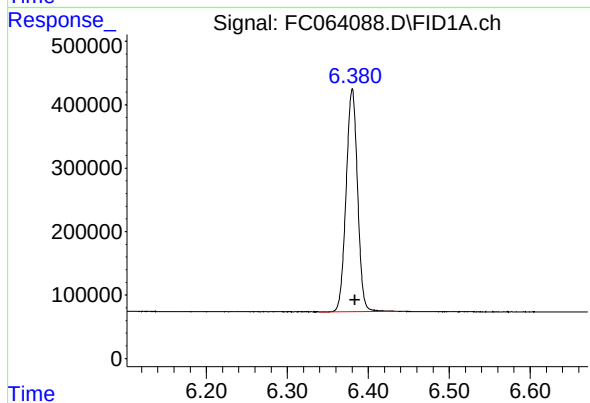
#2 n-Decane (C10)

R.T.: 4.366 min
Delta R.T.: -0.003 min
Response: 3455265
Conc: 19.09 ug/ml



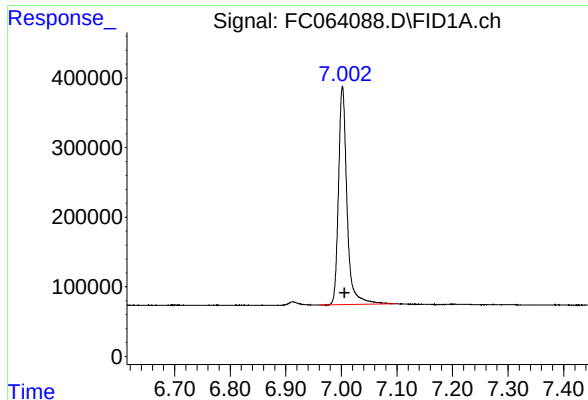
#3 A~Naphthalene (C11.7)

R.T.: 5.947 min
Delta R.T.: -0.003 min
Response: 3535941
Conc: 18.96 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.380 min
Delta R.T.: -0.003 min
Response: 3441178
Conc: 19.10 ug/ml



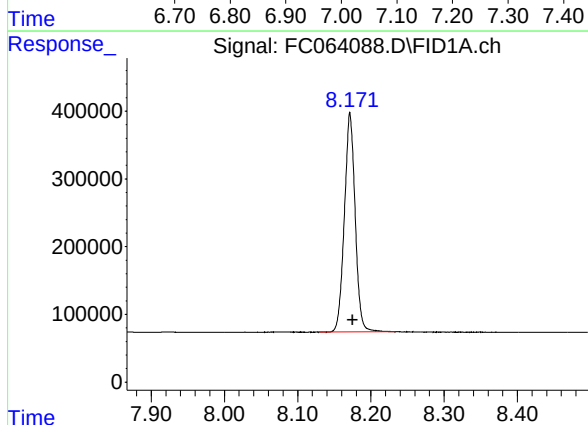
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.002 min
Delta R.T.: -0.004 min
Response: 3341144
Conc: 18.98 ug/ml

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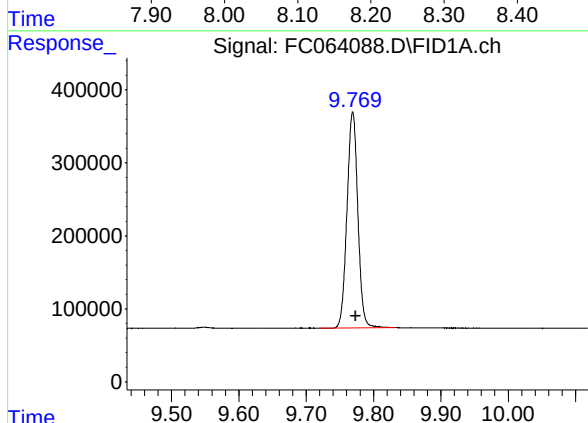
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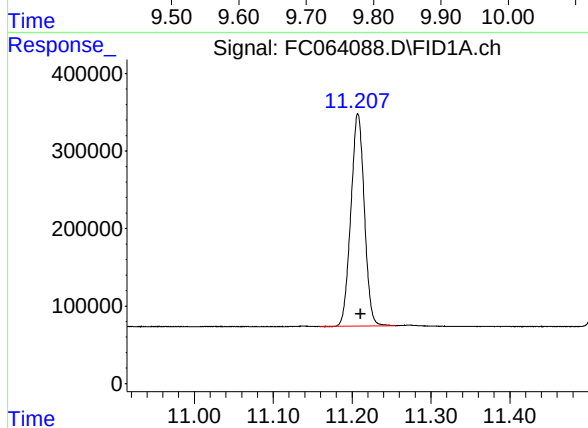
#6 n-Tetradecane (C14)

R.T.: 8.172 min
Delta R.T.: -0.004 min
Response: 3312096
Conc: 19.15 ug/ml



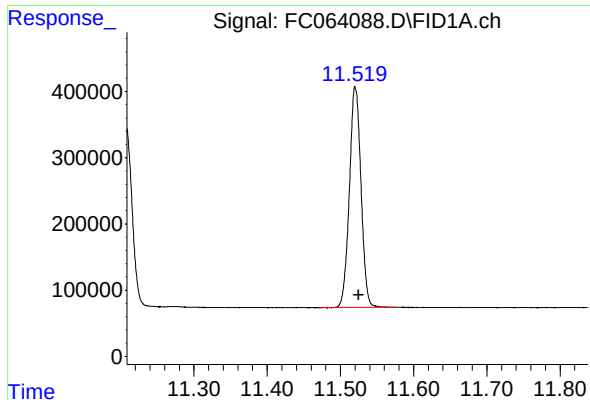
#7 n-Hexadecane (C16)

R.T.: 9.769 min
Delta R.T.: -0.004 min
Response: 3310018
Conc: 19.05 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.208 min
Delta R.T.: -0.004 min
Response: 3250090
Conc: 18.86 ug/ml



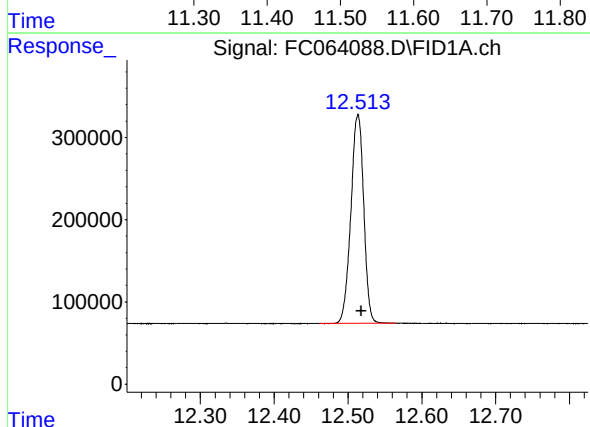
#9 ortho-Terphenyl (SURR)

R.T.: 11.520 min
Delta R.T.: -0.005 min
Response: 3666124
Conc: 18.88 ug/ml

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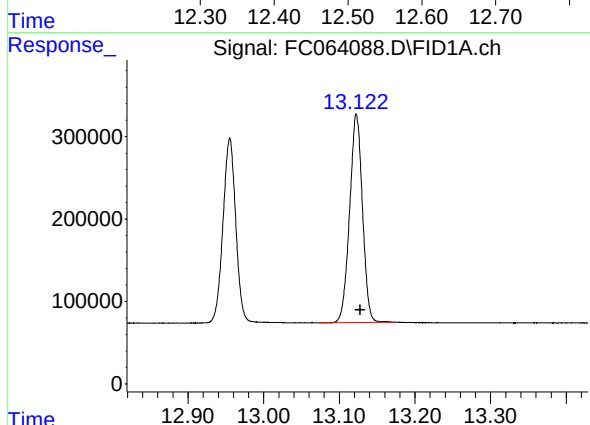
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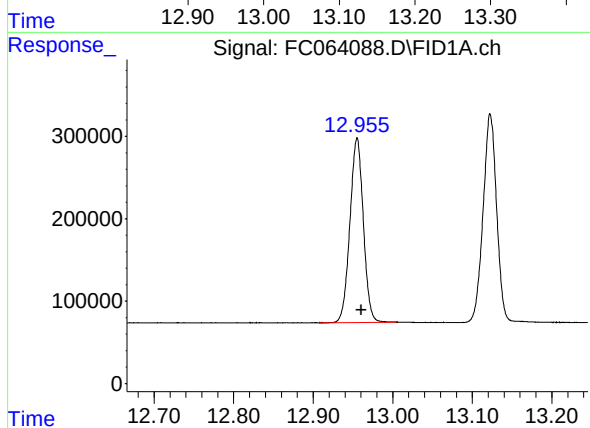
#10 n-Eicosane (C20)

R.T.: 12.514 min
Delta R.T.: -0.005 min
Response: 3070318
Conc: 18.81 ug/ml



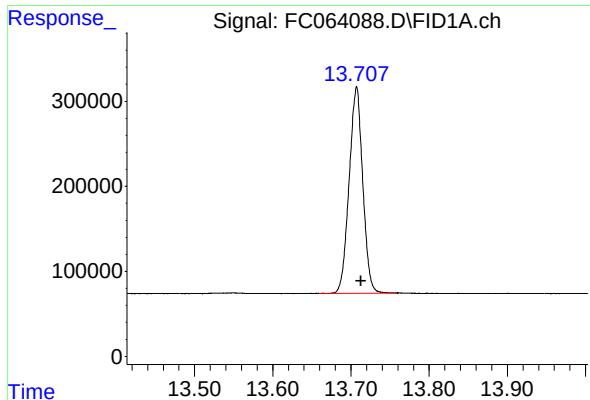
#11 n-Heneicosane (C21)

R.T.: 13.123 min
Delta R.T.: -0.005 min
Response: 2982311
Conc: 18.61 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.955 min
Delta R.T.: -0.005 min
Response: 2617501
Conc: 18.81 ug/ml



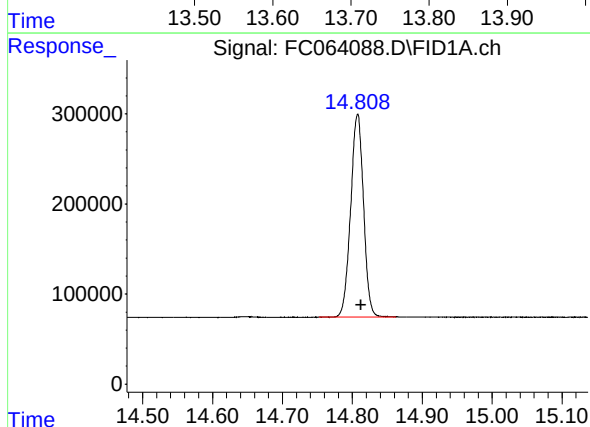
#13 n-Docosane (C22)

R.T.: 13.707 min
Delta R.T.: -0.005 min
Response: 2933511
Conc: 18.67 ug/ml

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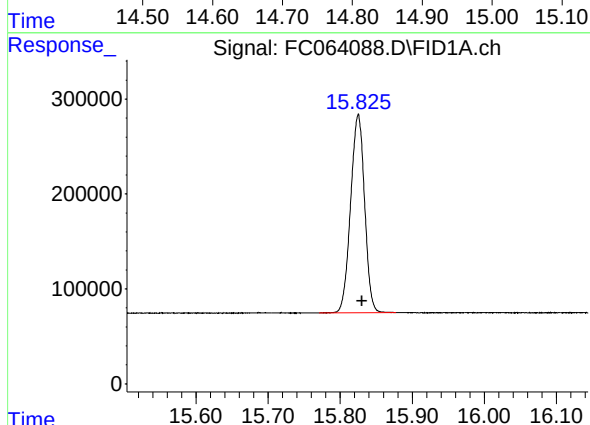
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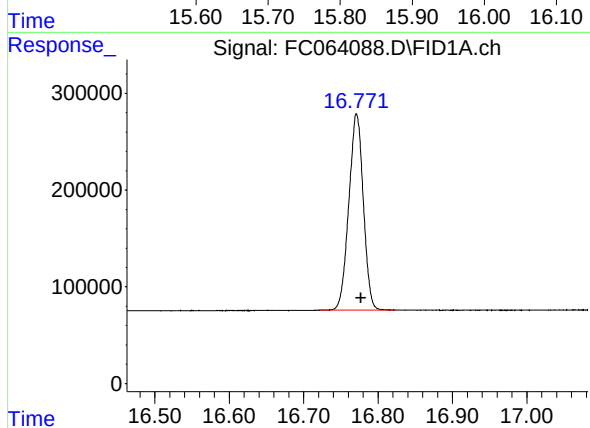
#14 n-Tetracosane (C24)

R.T.: 14.808 min
Delta R.T.: -0.005 min
Response: 2882503
Conc: 18.29 ug/ml



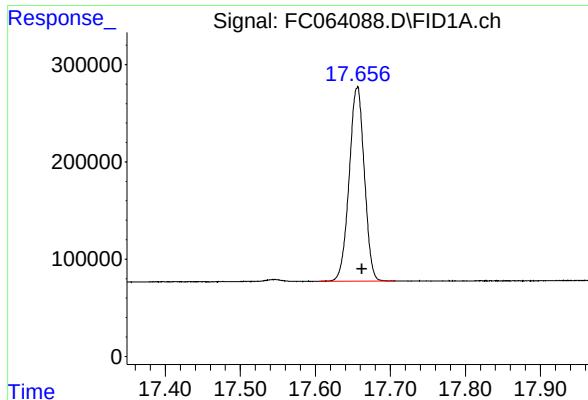
#15 n-Hexacosane (C26)

R.T.: 15.825 min
Delta R.T.: -0.005 min
Response: 2815074
Conc: 18.63 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.771 min
Delta R.T.: -0.006 min
Response: 2747397
Conc: 18.23 ug/ml



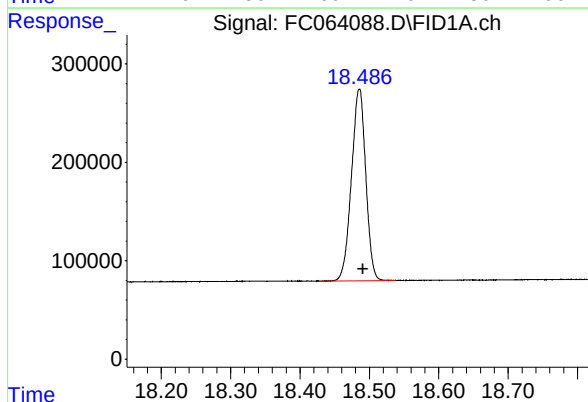
#17 n-Tricontane (C30)

R.T.: 17.656 min
Delta R.T.: -0.006 min
Response: 2804776
Conc: 17.96 ug/ml

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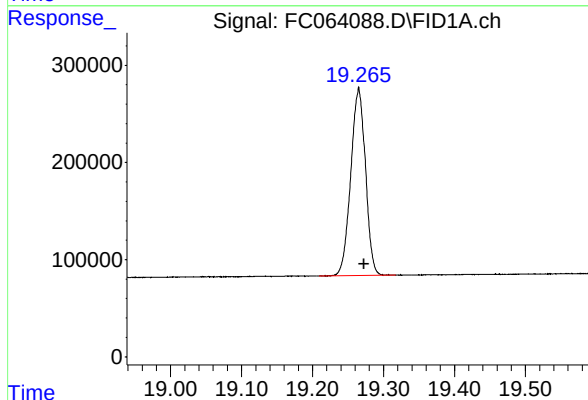
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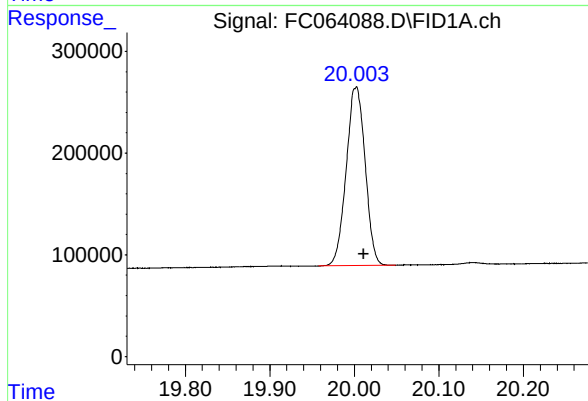
#18 n-Dotriacontane (C32)

R.T.: 18.486 min
Delta R.T.: -0.005 min
Response: 2794993
Conc: 17.69 ug/ml



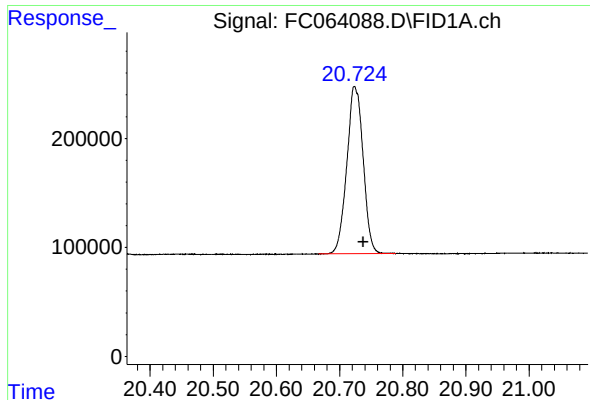
#19 n-Tetatriacontane (C34)

R.T.: 19.265 min
Delta R.T.: -0.007 min
Response: 2774981
Conc: 18.03 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.003 min
Delta R.T.: -0.008 min
Response: 2728474
Conc: 18.48 ug/ml m



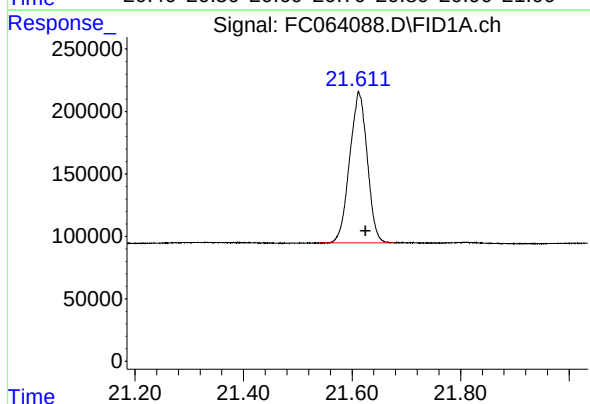
#21 n-Octatriacontane (C38)

R.T.: 20.724 min
Delta R.T.: -0.014 min
Response: 2756725
Conc: 18.61 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.612 min
Delta R.T.: -0.013 min
Response: 2727322
Conc: 18.71 ug/ml