

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041323AL\
 Data File : FC063375.D
 Signal(s) : FID1A.ch
 Acq On : 13 Apr 2023 23:45
 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: Apr 14 02:03:01 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 040523.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 05 07:22:46 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)	11.533	2951013	19.396 ug/ml
Spiked Amount 50.000		Recovery =	38.79%
12) S 1-chlorooctadecane (S...	12.971	2241917	20.262 ug/ml
Spiked Amount 50.000		Recovery =	40.52%
Target Compounds			
1) T n-Nonane (C9)	3.300	2685128	19.125 ug/ml
2) T n-Decane (C10)	4.367	2654249	19.478 ug/ml
3) T A~Naphthalene (C11.7)	5.950	2911647	19.282 ug/ml
4) T n-Dodecane (C12)	6.384	2645737	19.667 ug/ml
5) T A~2-methylnaphthalene...	7.007	2711700	19.469 ug/ml
6) T n-Tetradecane (C14)	8.180	2601084	19.214 ug/ml
7) T n-Hexadecane (C16)	9.779	2649963	19.514 ug/ml
8) T n-Octadecane (C18)	11.219	2677826	19.333 ug/ml
10) T n-Eicosane (C20)	12.528	2614263	19.459 ug/ml
11) T n-Heneicosane (C21)	13.138	2627329	19.521 ug/ml
13) T n-Docosane (C22)	13.724	2596280	19.469 ug/ml
14) T n-Tetracosane (C24)	14.825	2605763	19.380 ug/ml
15) T n-Hexacosane (C26)	15.845	2604633	19.459 ug/ml
16) T n-Octacosane (C28)	16.792	2666860	19.696 ug/ml
17) T n-Tricontane (C30)	17.679	2834159	20.488 ug/ml
18) T n-Dotriacontane (C32)	18.510	2962715	20.986 ug/ml
19) T n-Tetratriacontane (C34)	19.290	2907138	21.066 ug/ml
20) T n-Hexatriacontane (C36)	20.029	2749218	21.509 ug/ml
21) T n-Octatriacontane (C38)	20.758	2772638	22.518 ug/ml
22) T n-Tetracontane (C40)	21.658	2580720	21.930 ug/ml

(f)=RT Delta > 1/2 Window

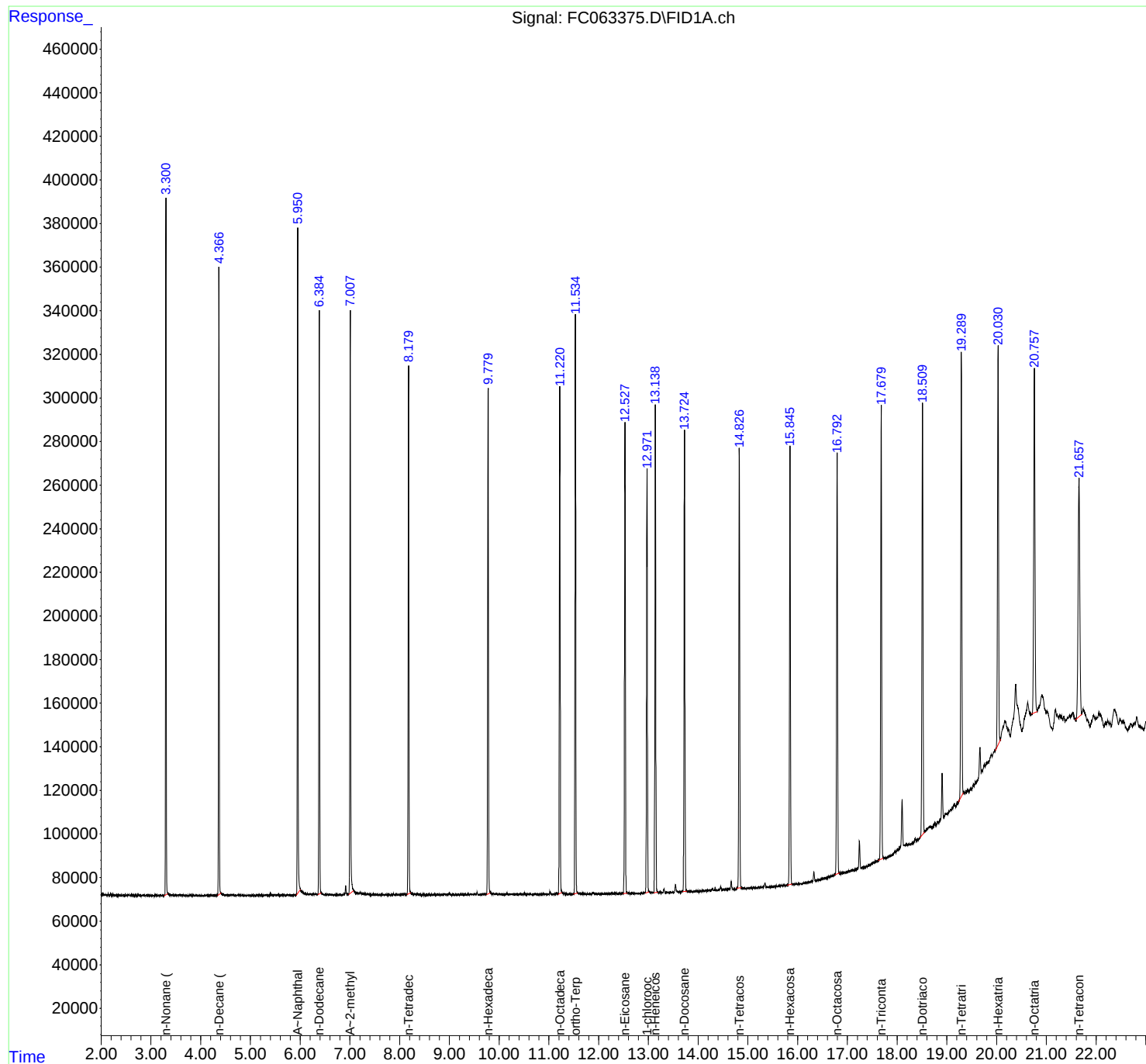
(m)=manual int.

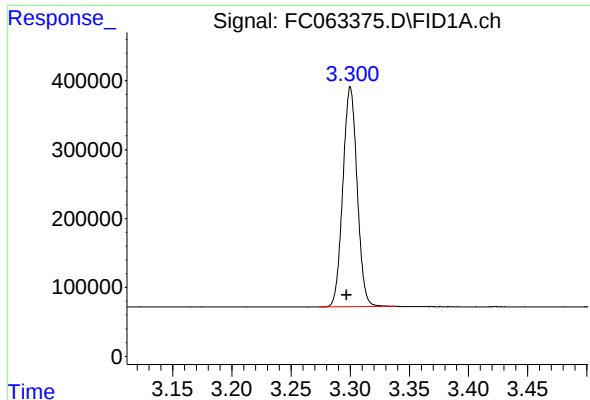
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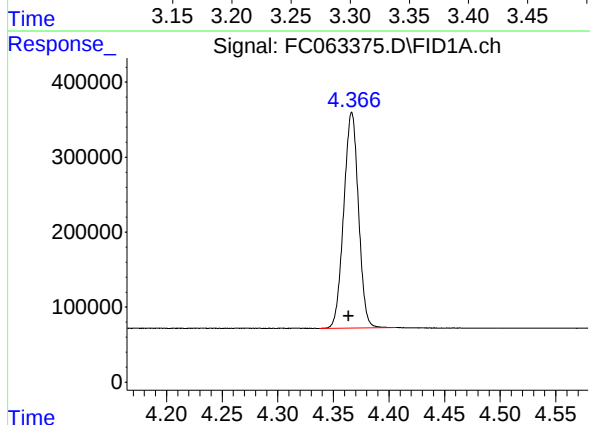




#1 n-Nonane (C9)

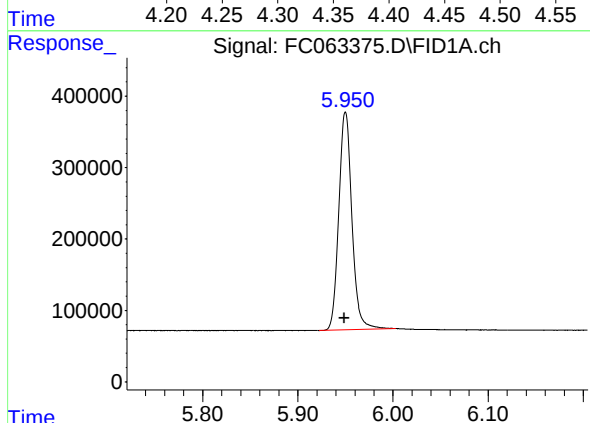
R.T.: 3.300 min
Delta R.T.: 0.003 min
Response: 2685128
Conc: 19.13 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



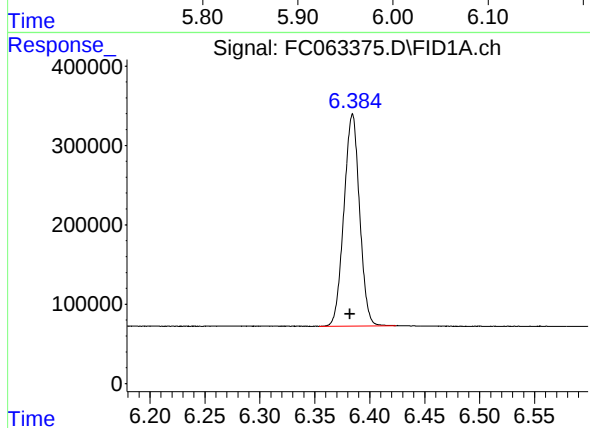
#2 n-Decane (C10)

R.T.: 4.367 min
Delta R.T.: 0.003 min
Response: 2654249
Conc: 19.48 ug/ml



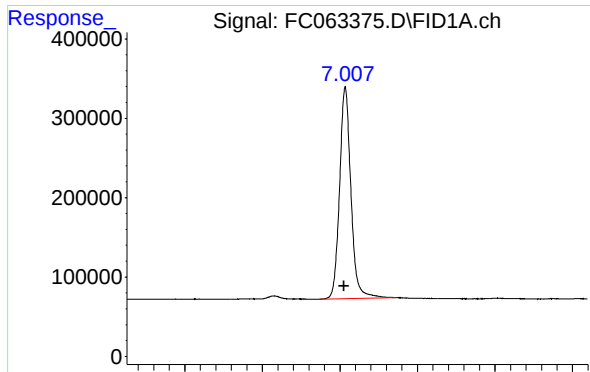
#3 A~Naphthalene (C11.7)

R.T.: 5.950 min
Delta R.T.: 0.001 min
Response: 2911647
Conc: 19.28 ug/ml



#4 n-Dodecane (C12)

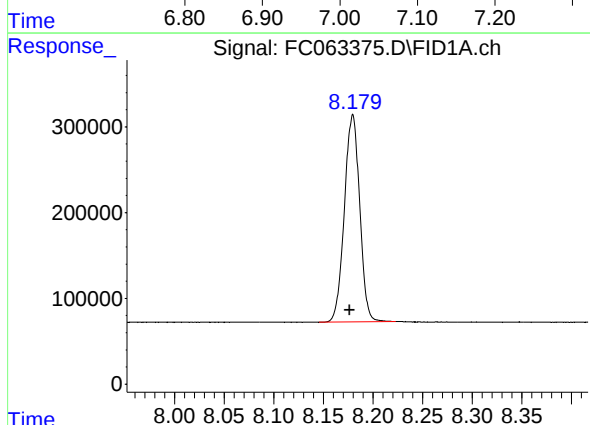
R.T.: 6.384 min
Delta R.T.: 0.002 min
Response: 2645737
Conc: 19.67 ug/ml



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

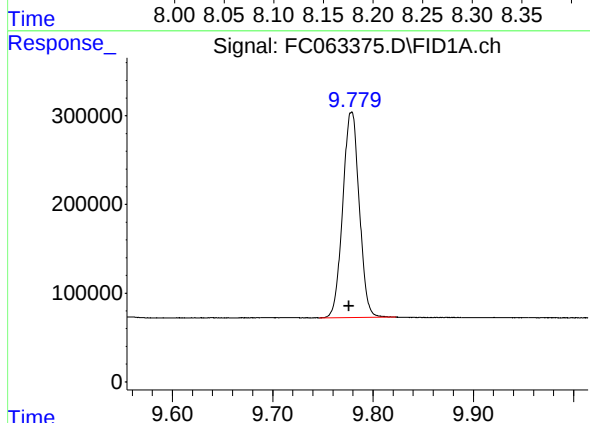
R.T.: 7.007 min
Delta R.T.: 0.002 min
Response: 2711700
Conc: 19.47 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



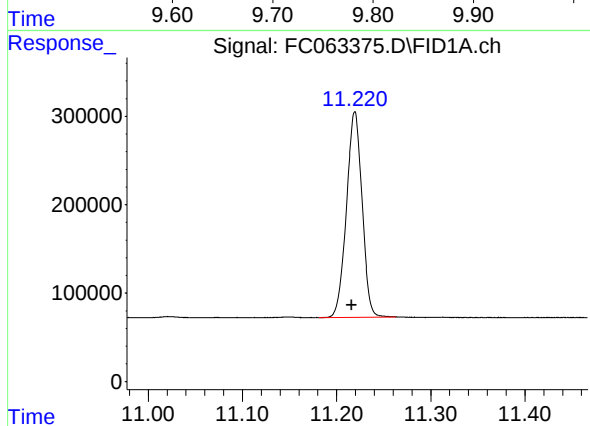
#6 n-Tetradecane (C14)

R.T.: 8.180 min
Delta R.T.: 0.003 min
Response: 2601084
Conc: 19.21 ug/ml



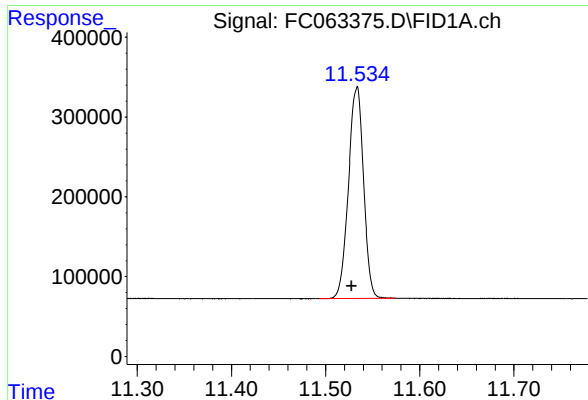
#7 n-Hexadecane (C16)

R.T.: 9.779 min
Delta R.T.: 0.003 min
Response: 2649963
Conc: 19.51 ug/ml



#8 n-Octadecane (C18)

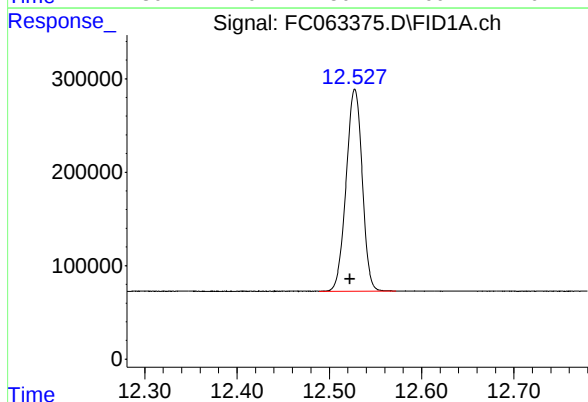
R.T.: 11.219 min
Delta R.T.: 0.003 min
Response: 2677826
Conc: 19.33 ug/ml



#9 ortho-Terphenyl (SURR)

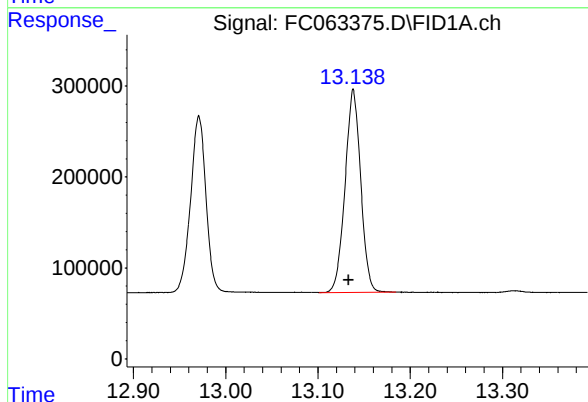
R.T.: 11.533 min
Delta R.T.: 0.005 min
Response: 2951013
Conc: 19.40 ug/ml

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FID_C
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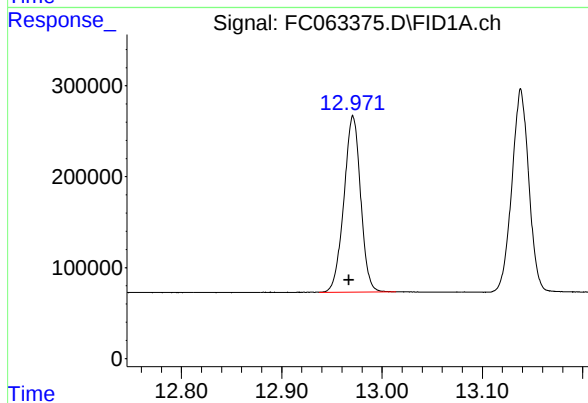
#10 n-Eicosane (C20)

R.T.: 12.528 min
Delta R.T.: 0.005 min
Response: 2614263
Conc: 19.46 ug/ml



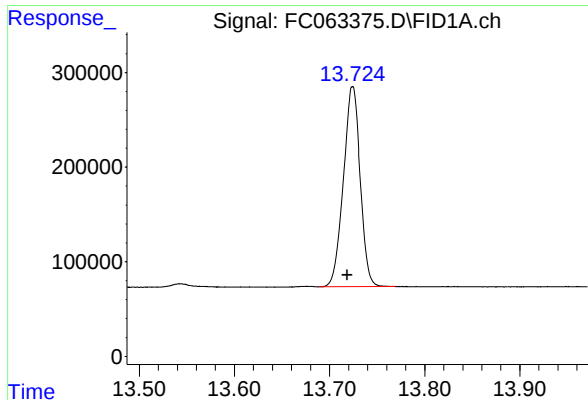
#11 n-Heneicosane (C21)

R.T.: 13.138 min
Delta R.T.: 0.005 min
Response: 2627329
Conc: 19.52 ug/ml



#12 1-chlorooctadecane (SURR)

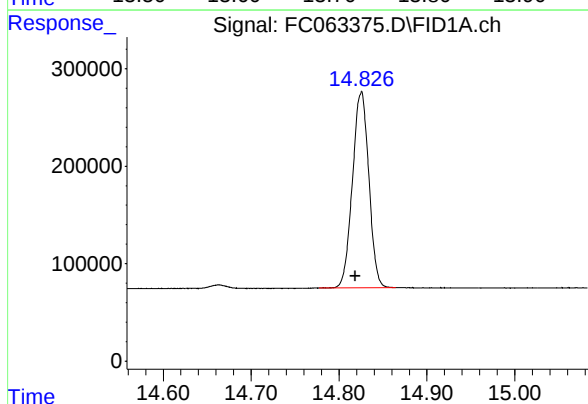
R.T.: 12.971 min
Delta R.T.: 0.004 min
Response: 2241917
Conc: 20.26 ug/ml



#13 n-Docosane (C22)

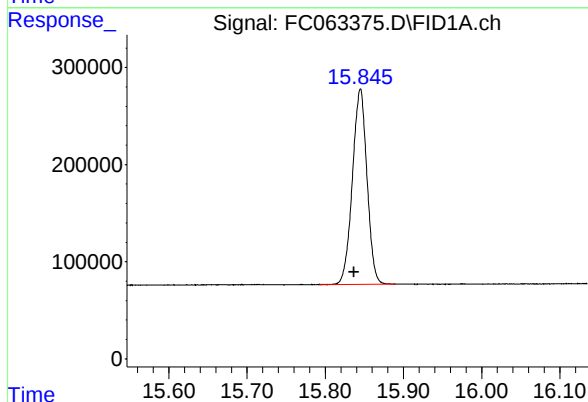
R.T.: 13.724 min
Delta R.T.: 0.006 min
Response: 2596280
Conc: 19.47 ug/ml

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20 PPM ALIPHATIC HC STD



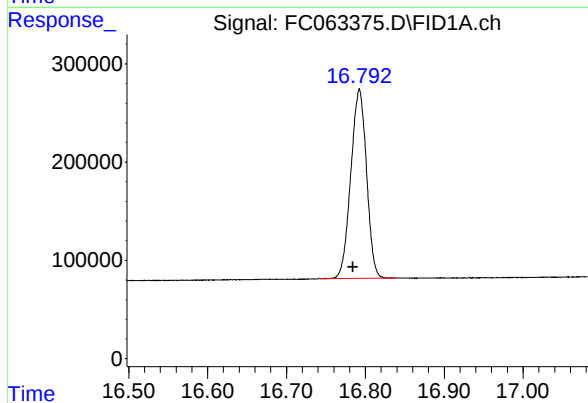
#14 n-Tetracosane (C24)

R.T.: 14.825 min
Delta R.T.: 0.007 min
Response: 2605763
Conc: 19.38 ug/ml



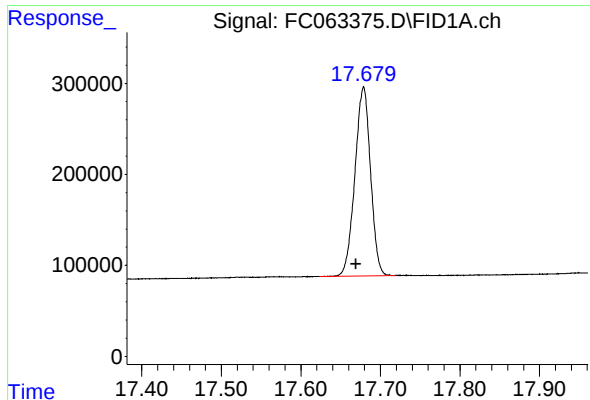
#15 n-Hexacosane (C26)

R.T.: 15.845 min
Delta R.T.: 0.008 min
Response: 2604633
Conc: 19.46 ug/ml



#16 n-Octacosane (C28)

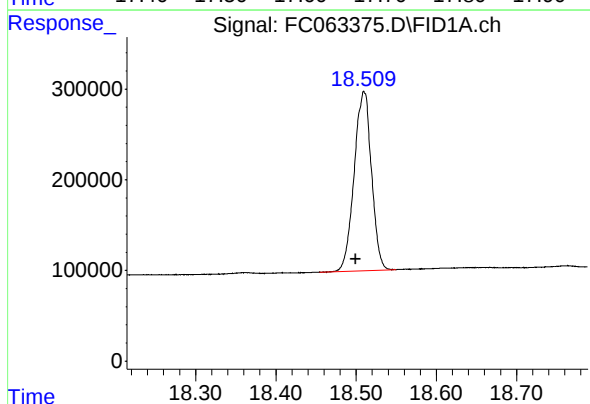
R.T.: 16.792 min
Delta R.T.: 0.008 min
Response: 2666860
Conc: 19.70 ug/ml



#17 n-Tricontane (C30)

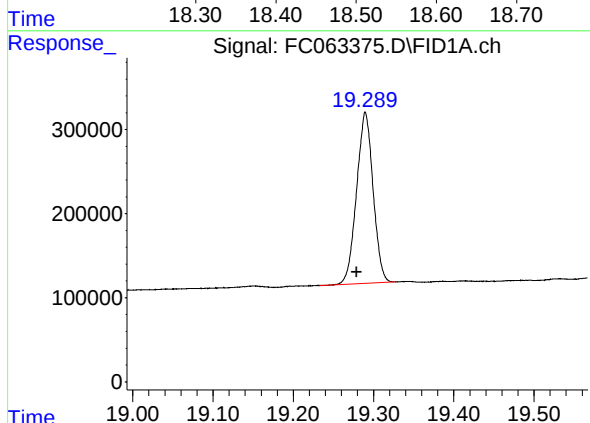
R.T.: 17.679 min
Delta R.T.: 0.010 min
Response: 2834159
Conc: 20.49 ug/ml

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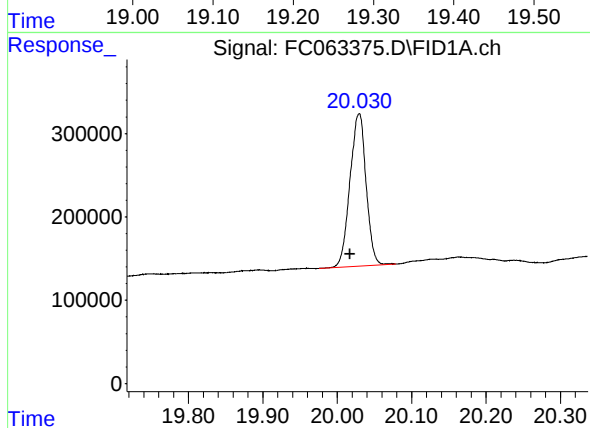
#18 n-Dotriacontane (C32)

R.T.: 18.510 min
Delta R.T.: 0.011 min
Response: 2962715
Conc: 20.99 ug/ml



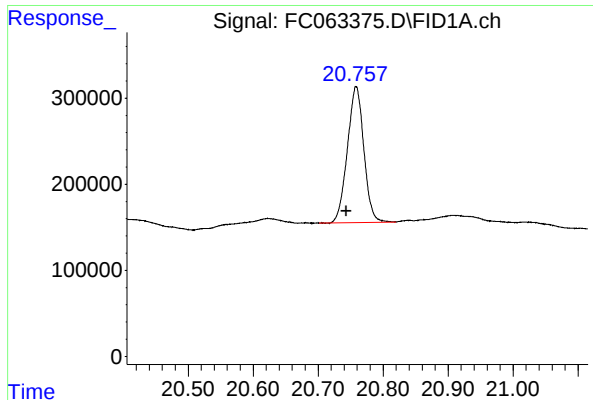
#19 n-Tetatriacontane (C34)

R.T.: 19.290 min
Delta R.T.: 0.011 min
Response: 2907138
Conc: 21.07 ug/ml



#20 n-Hexatriacontane (C36)

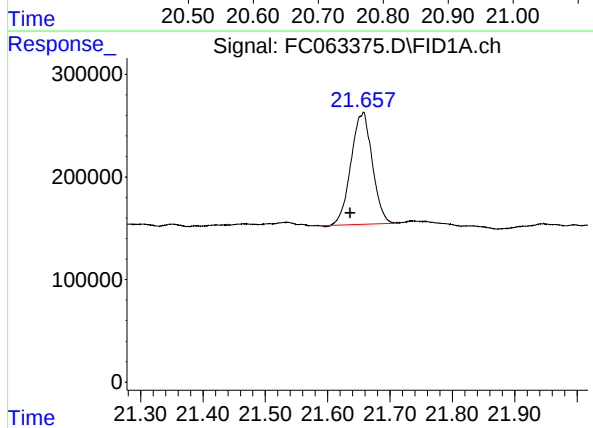
R.T.: 20.029 min
Delta R.T.: 0.012 min
Response: 2749218
Conc: 21.51 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.758 min
Delta R.T.: 0.015 min
Response: 2772638
Conc: 22.52 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.658 min
Delta R.T.: 0.021 min
Response: 2580720
Conc: 21.93 ug/ml